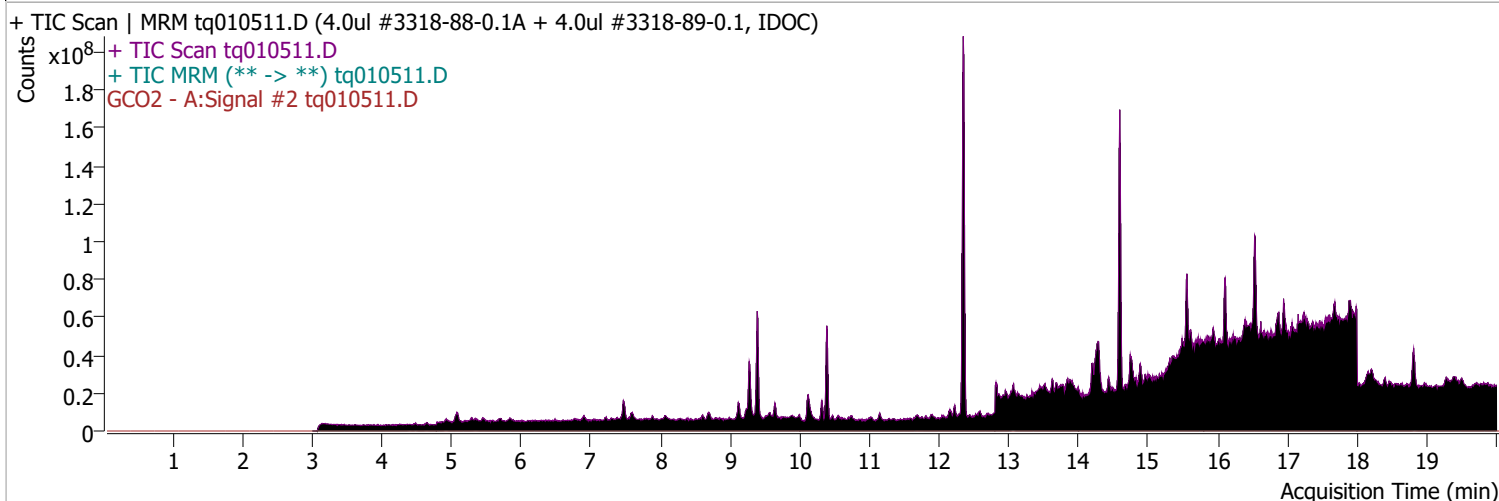
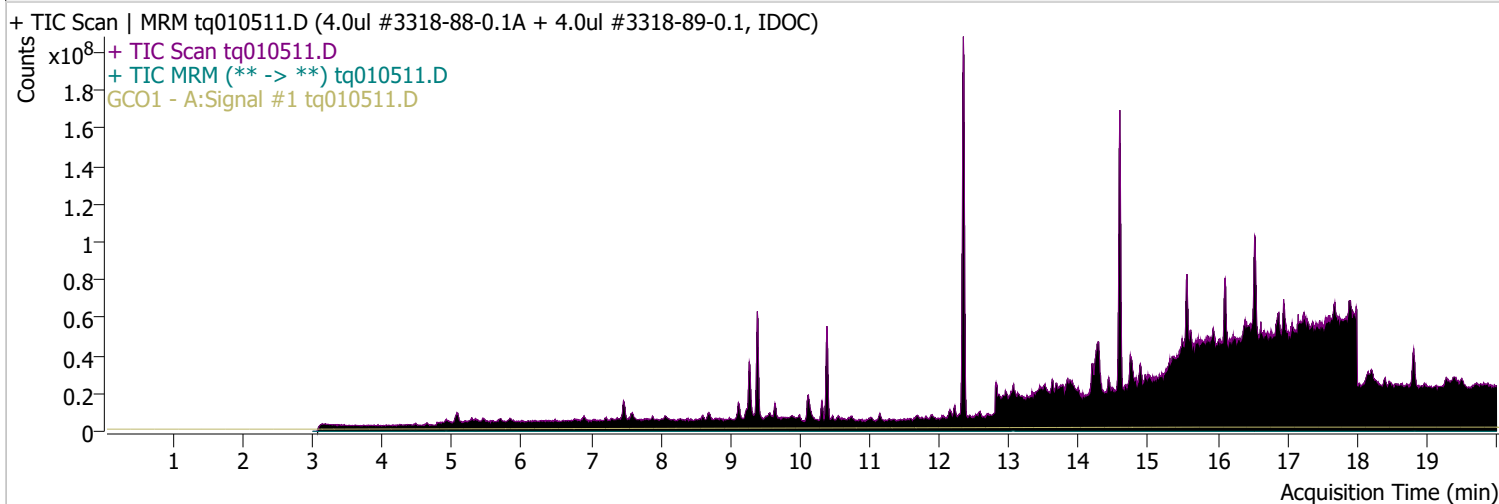
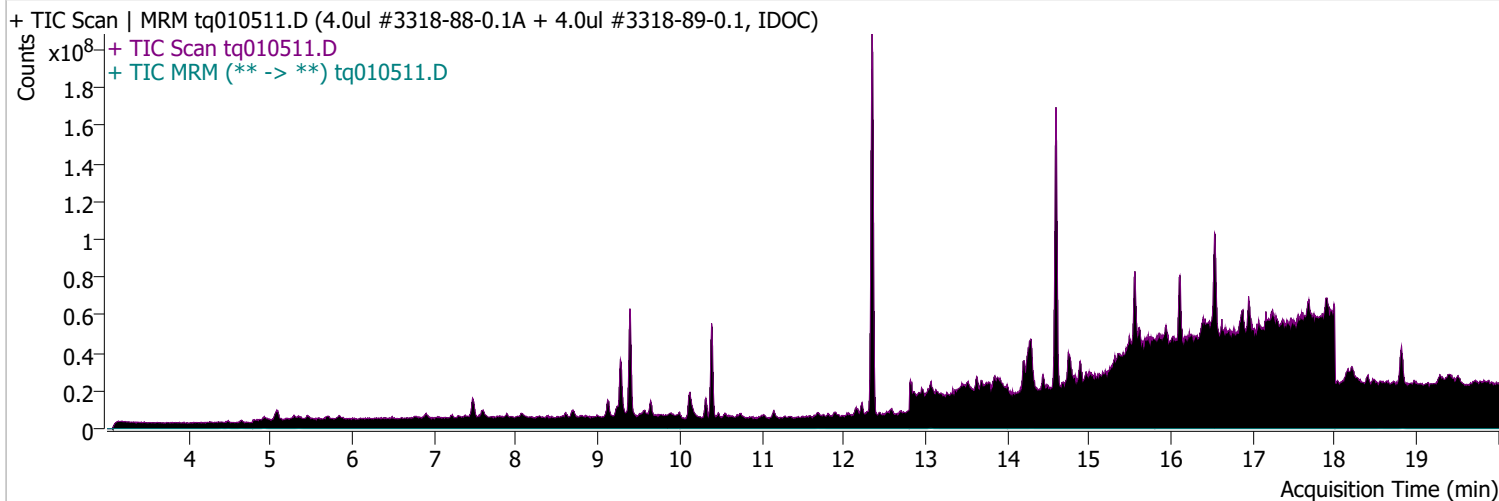


Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\GCMS\1\data\05jan23\QuantResults\05jan23.batch.bin		
Analysis Time	1/11/2023 10:04 AM	Analyst Name	TAI\us32_usr_ins22923
Report Time	1/11/2023 2:41:36 PM	Reporter Name	TAI\us32_usr_ins22923
Last Calib Update	1/3/2023 2:39 PM	Batch State	Processed
Quant Batch Version	10.1	Quant Report Version	10.1
Acq. Time	1/5/2023 1:15 PM	Data File	tq010511.D
Sample Type	Sample	Sample Name	4.0ul #3318-88-0.1A + 4.0ul #3318-89-0.1, IDOC
Dilution	1	Acq. Method	tq22m1227

Sample Chromatogram

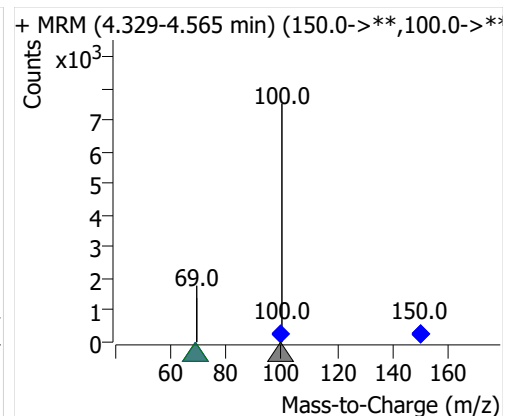
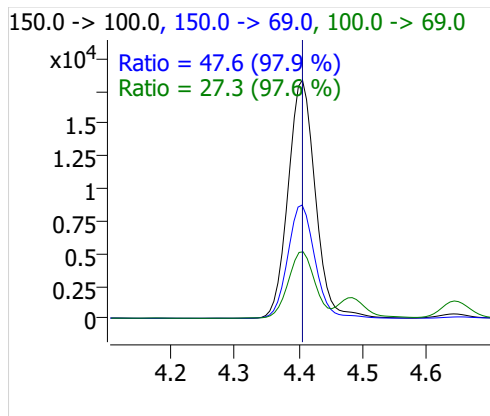
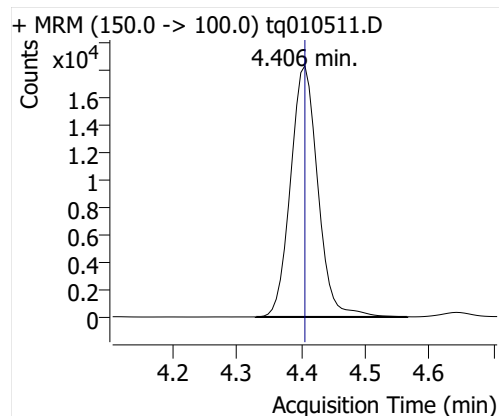


Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFBA	6:2 FTOH-C13	4.406	54279	49991	1.0858	0.3240	ng

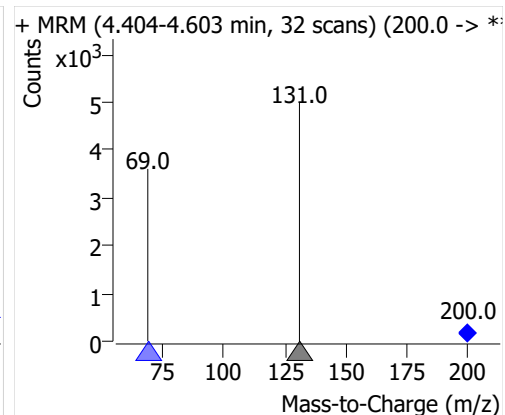
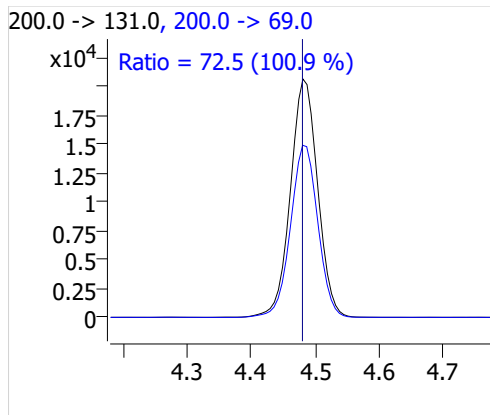
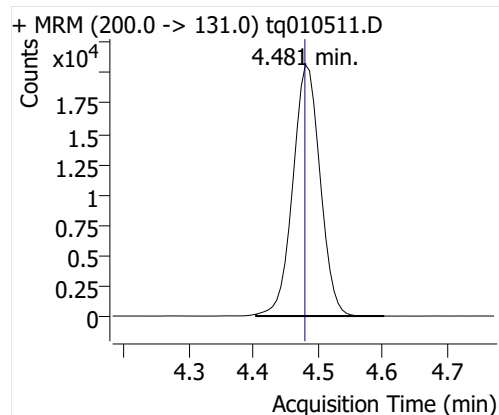
Quantitative Analysis Sample Report

Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFPeA	6:2 FTOH-C13	4.481	60937	49991	1.2190	0.4100	ng
PFHxA	6:2 FTOH-C13	4.645	29758	49991	0.5953	0.4300	ng
PFHpA	6:2 FTOH-C13	4.927	19697	49991	0.3940	0.4174	ng
PFOA	6:2 FTOH-C13	5.348	11962	49991	0.2393	0.3965	ng
4:2 FTOH	6:2 FTOH-C13	11.688	9522	49991	0.1905	0.4047	ng
5:2sFTOH	6:2 FTOH-C13	11.758	4878	49991	0.0976	0.4117	ng
7:2sFTOH	6:2 FTOH-C13	13.063	10209	49991	0.2042	0.3976	ng
6:2 FTOH	6:2 FTOH-C13	13.089	17127	49991	0.3426	0.3742	ng
8:2 FTOH-C13	6:2 FTOH-C13	14.293	18071	49991	0.3615	0.9281	ng
8:2 FTOH	6:2 FTOH-C13	14.294	5386	49991	0.1077	0.4152	ng
10:2 FTOH	6:2 FTOH-C13	15.370	1681	49991	0.0336	0.3085	ng
12:2 FTOH	6:2 FTOH-C13	16.356	6652	49991	0.1331	0.3182	ng
NMeFOSA	6:2 FTOH-C13	18.823	30743	49991	0.6150	0.3862	ng
NetFOSA	6:2 FTOH-C13	18.824	27175	49991	0.5436	0.3771	ng

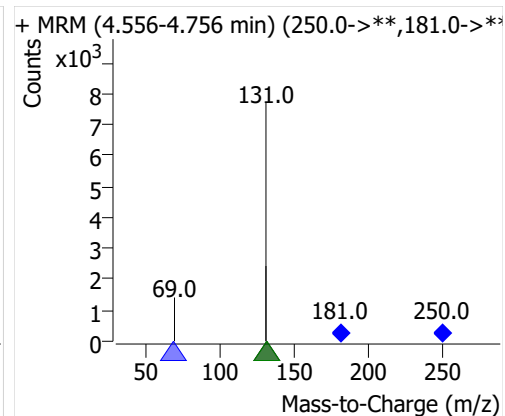
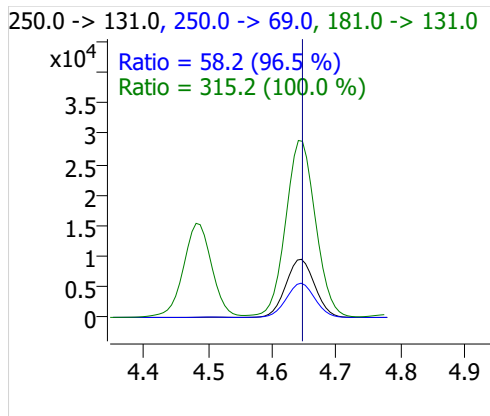
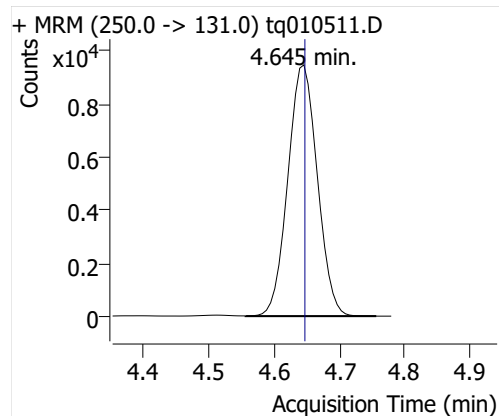
PFBFA



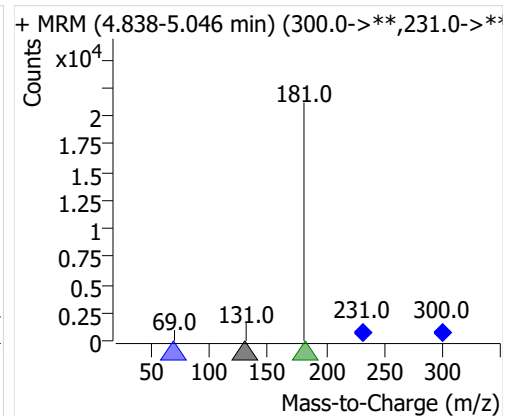
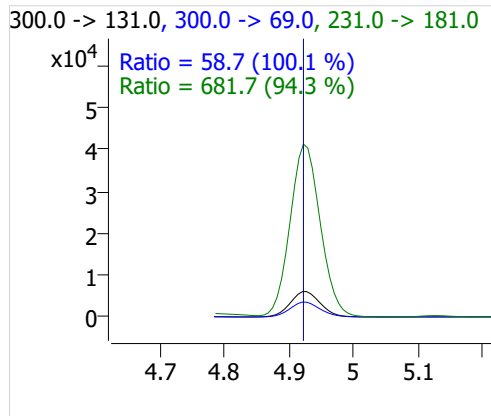
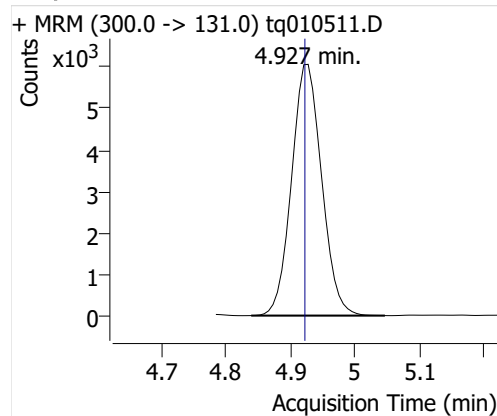
PFPeA



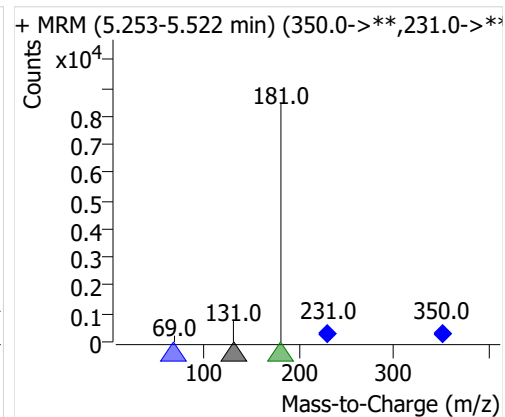
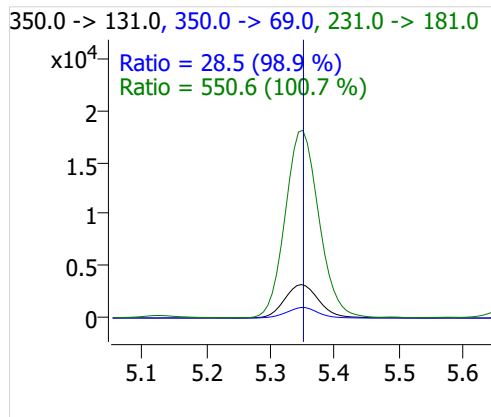
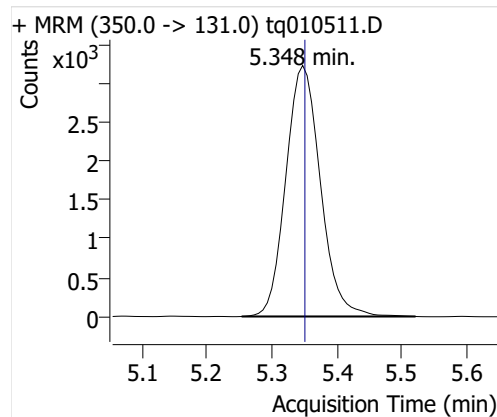
PFHxA



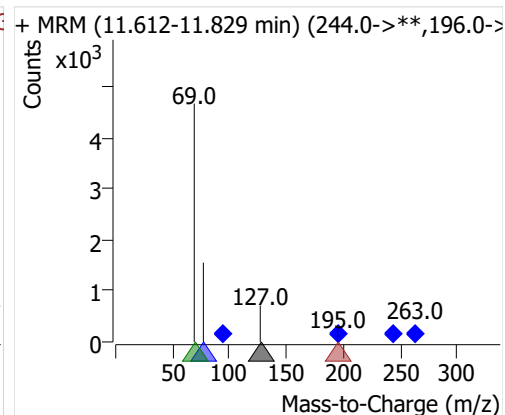
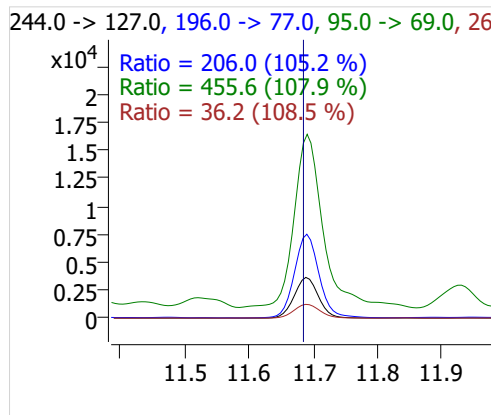
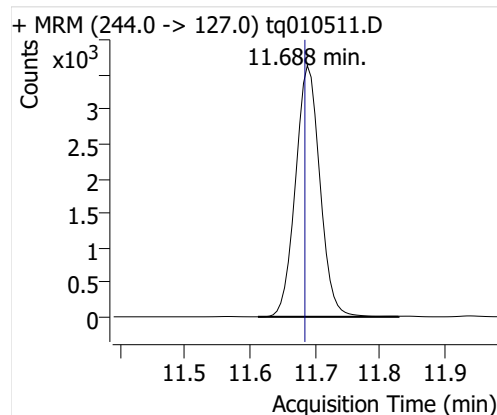
PFHpA



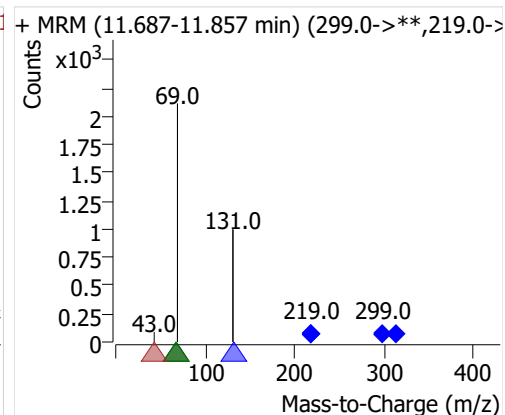
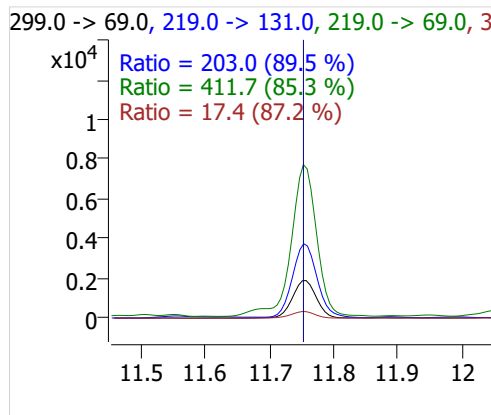
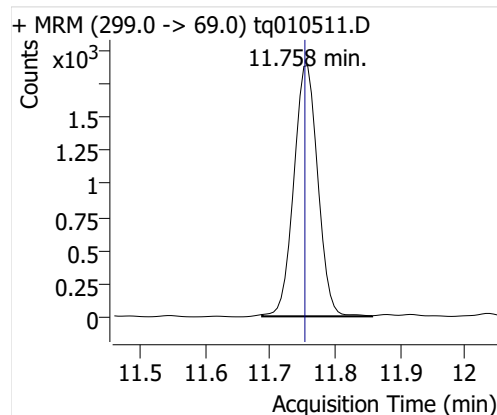
PFOA



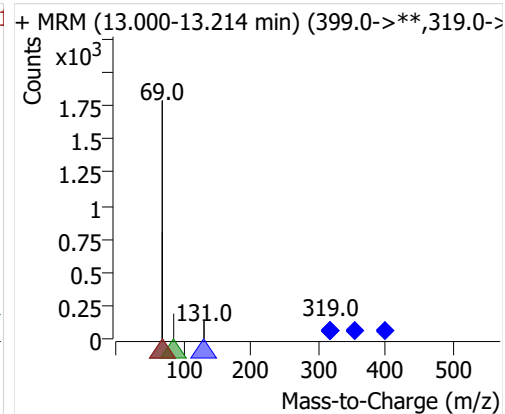
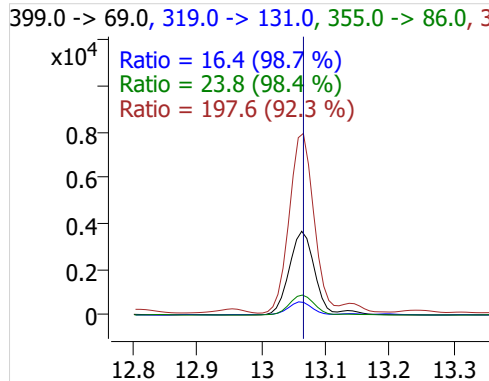
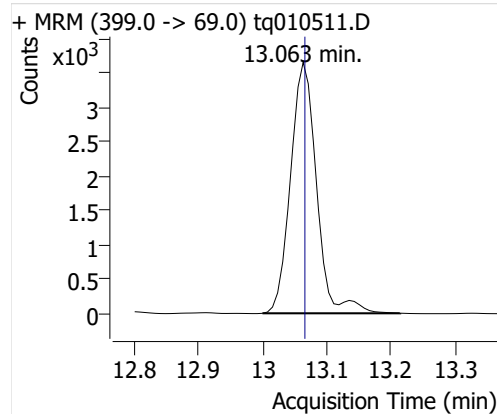
4:2 FTOH



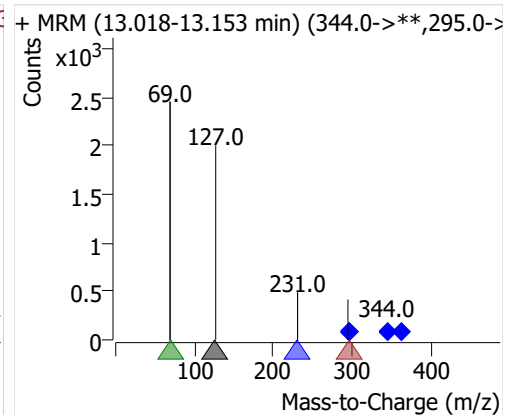
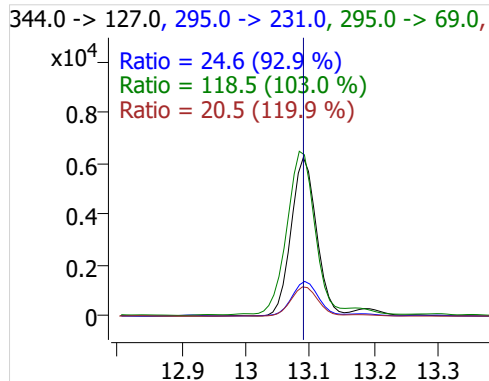
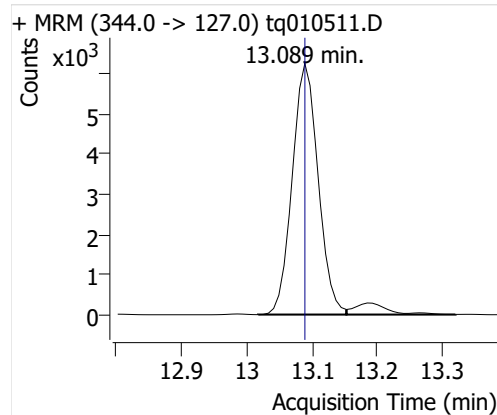
5:2sFTOH



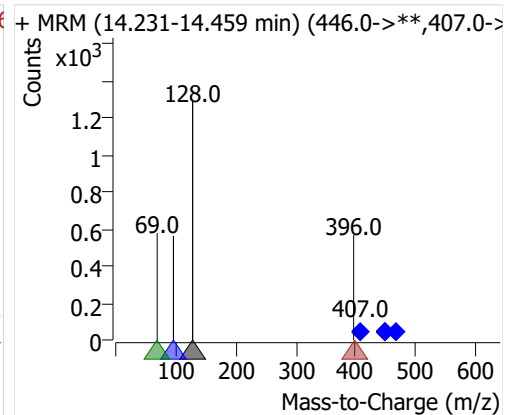
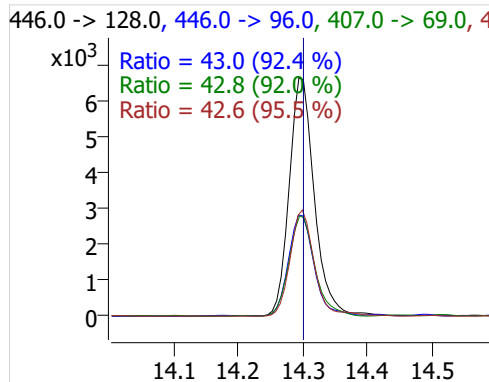
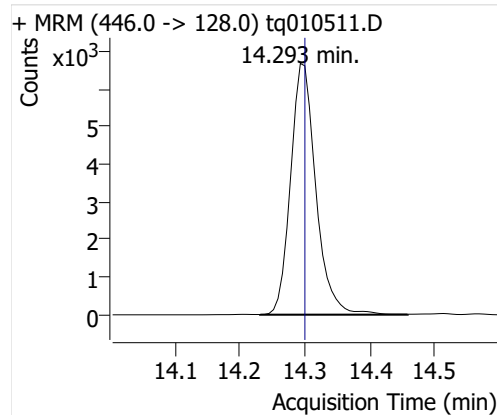
7:2s FTOH



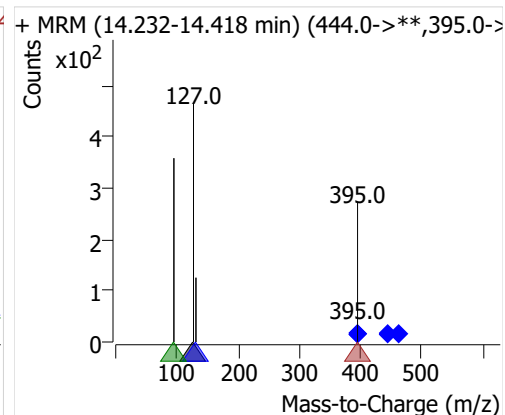
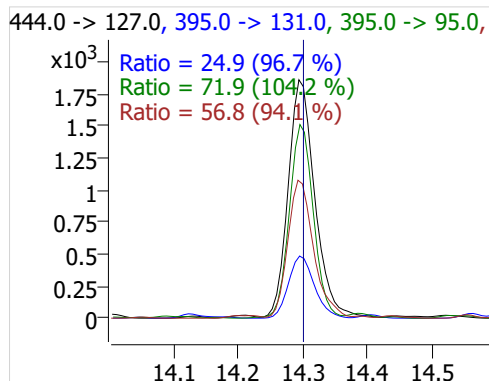
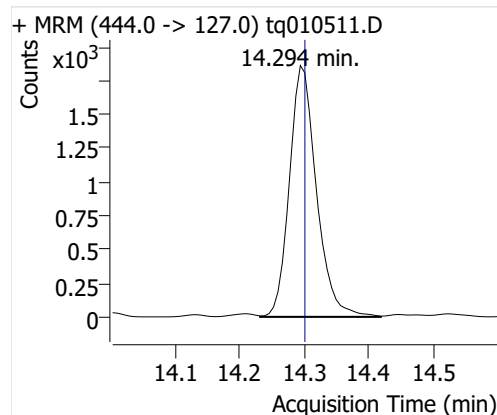
6:2 FTOH



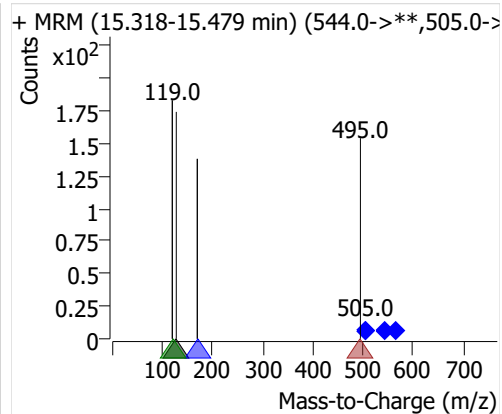
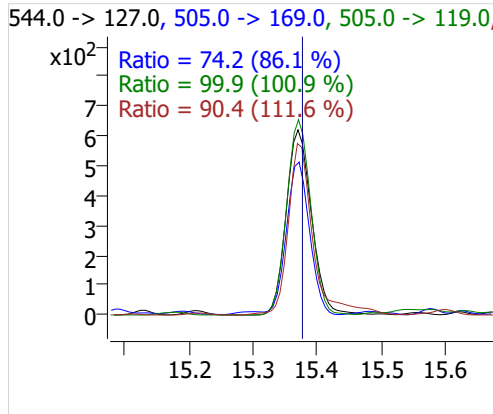
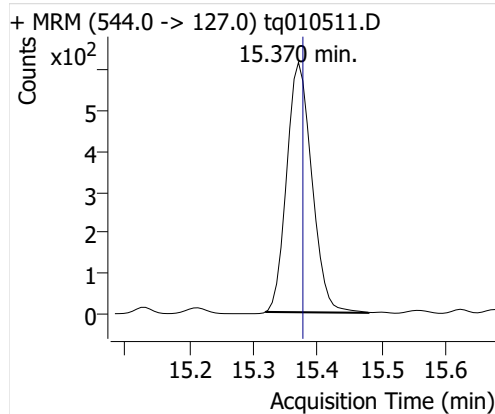
8:2 FTOH-C13



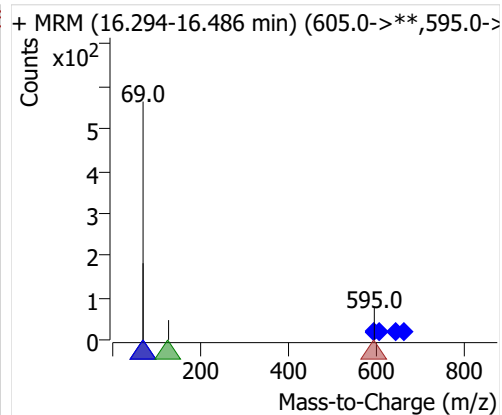
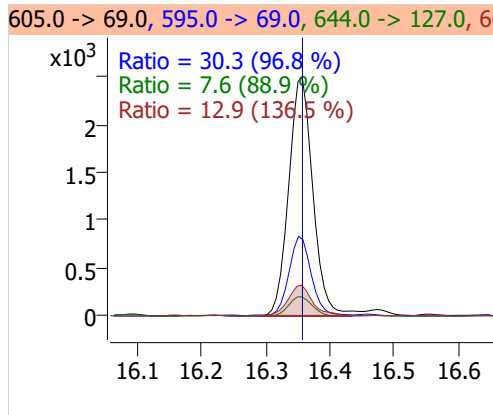
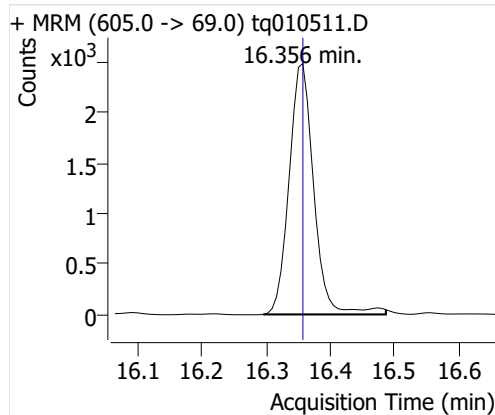
8:2 FTOH



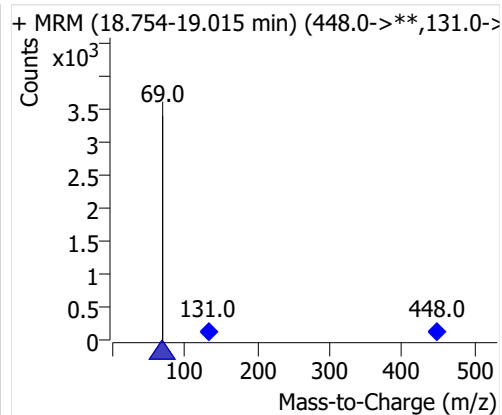
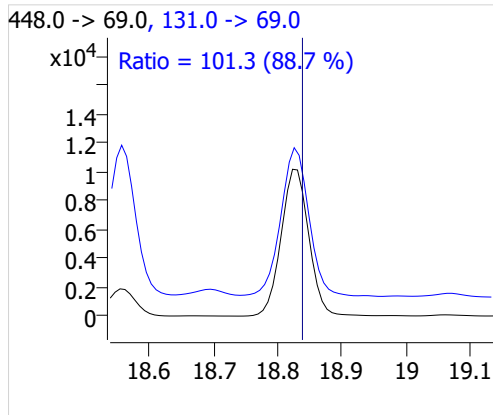
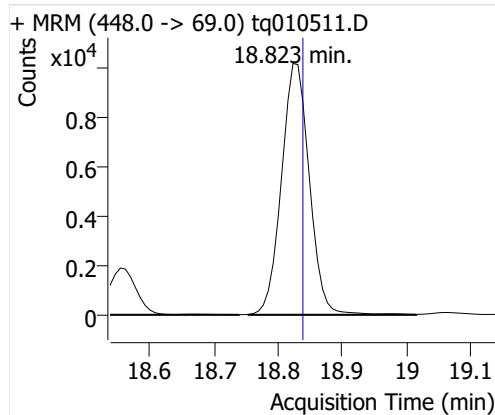
10:2 FTOH



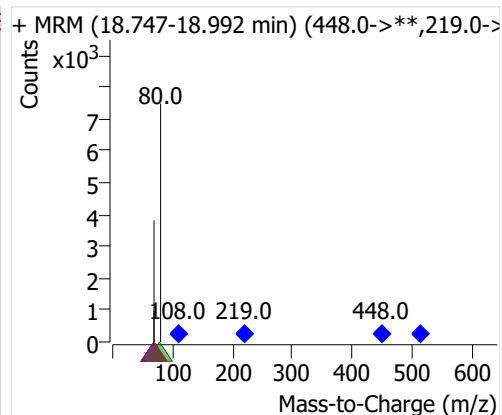
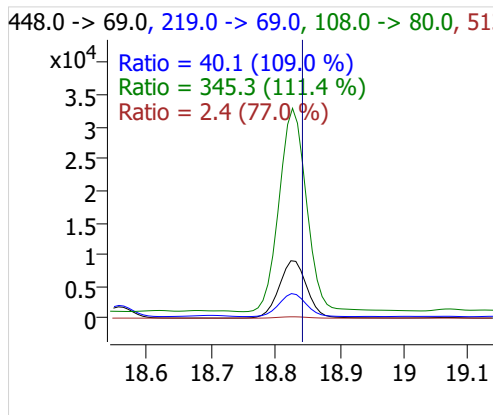
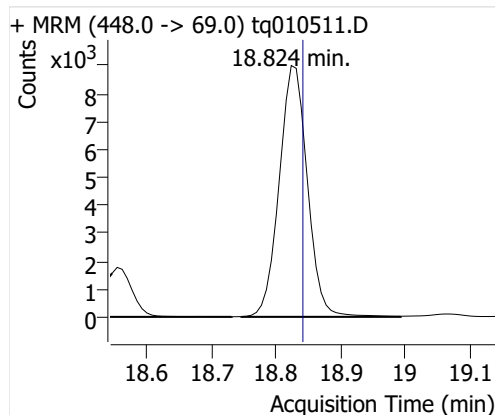
12:2 FTOH



NMeFOSA



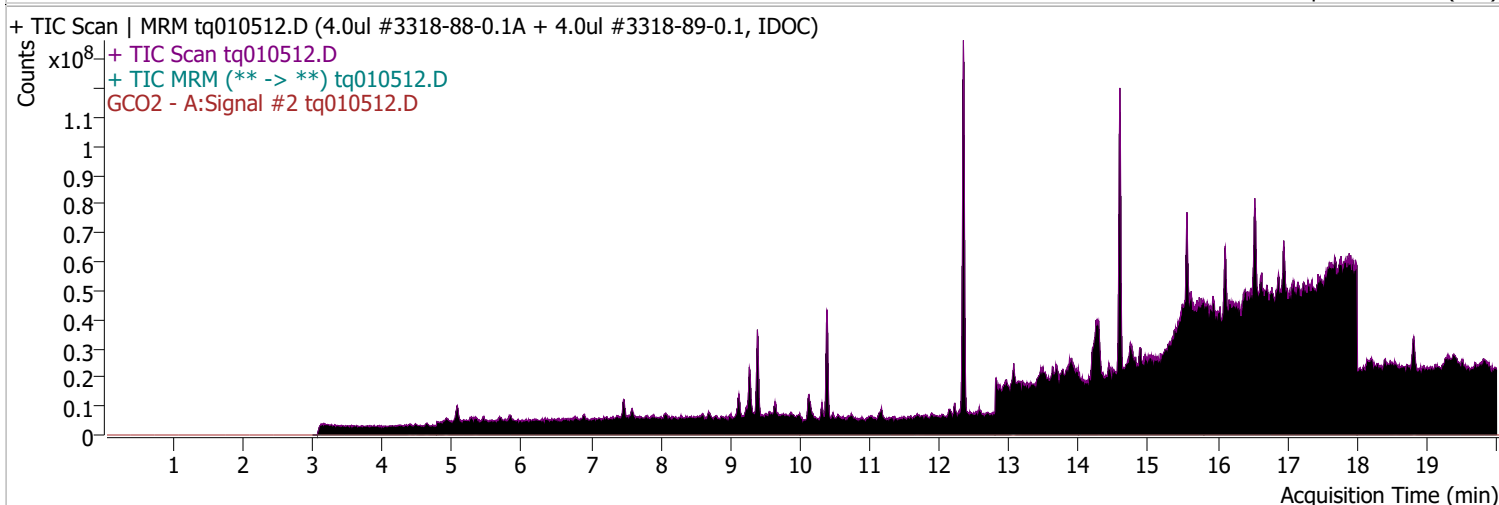
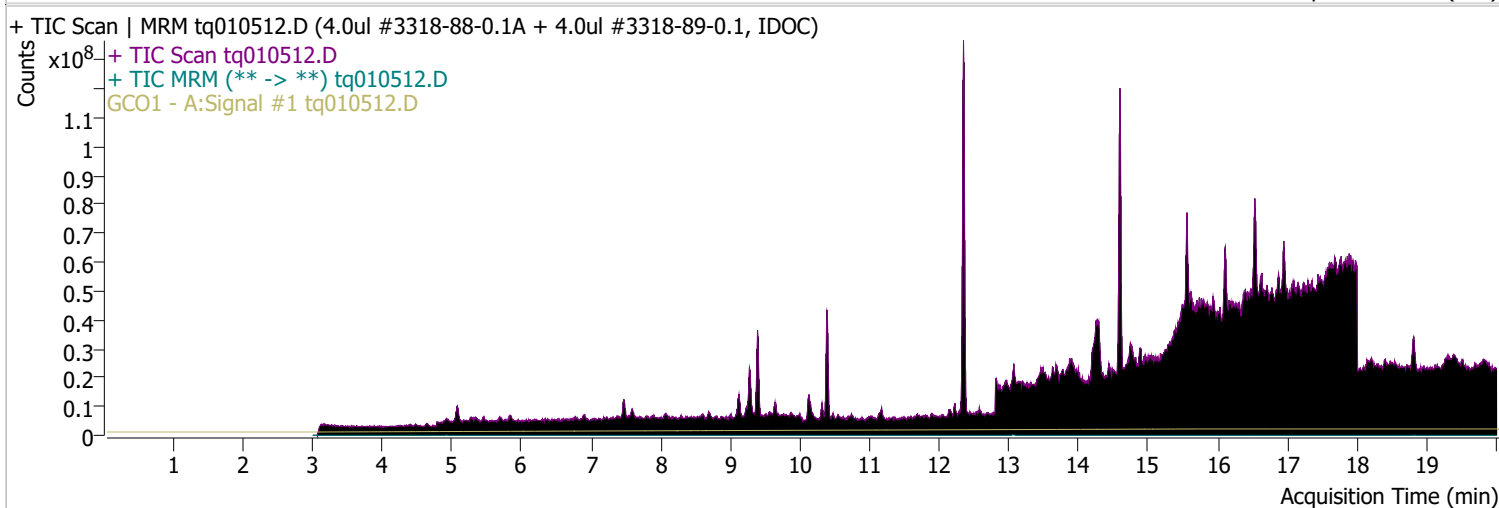
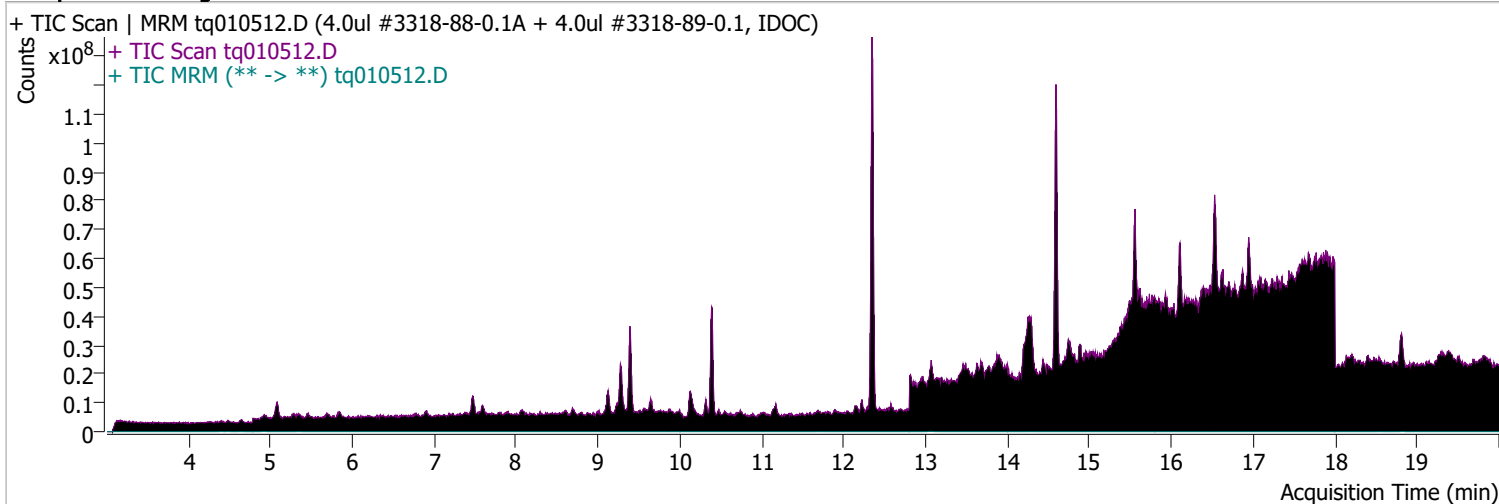
NetFOSA



Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\GCMS\1\data\05jan23\QuantResults\05jan23.batch.bin		
Analysis Time	1/11/2023 10:04 AM	Analyst Name	TAI\us32_usr_ins22923
Report Time	1/11/2023 2:41:39 PM	Reporter Name	TAI\us32_usr_ins22923
Last Calib Update	1/3/2023 2:39 PM	Batch State	Processed
Quant Batch Version	10.1	Quant Report Version	10.1
Acq. Time	1/5/2023 1:38 PM	Data File	tq010512.D
Sample Type	Sample	Sample Name	4.0ul #3318-88-0.1A + 4.0ul #3318-89-0.1, IDOC
Dilution	1	Acq. Method	tq22m1227

Sample Chromatogram



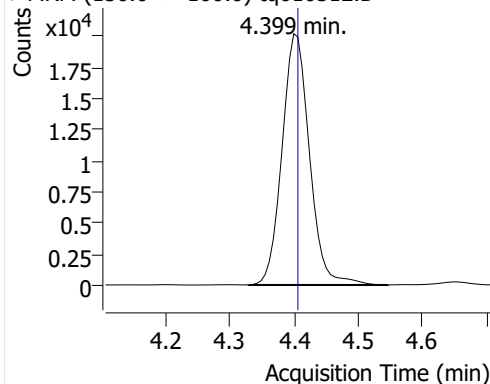
Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFBA	6:2 FTOH-C13	4.399	59896	46581	1.2858	0.3837	ng

Quantitative Analysis Sample Report

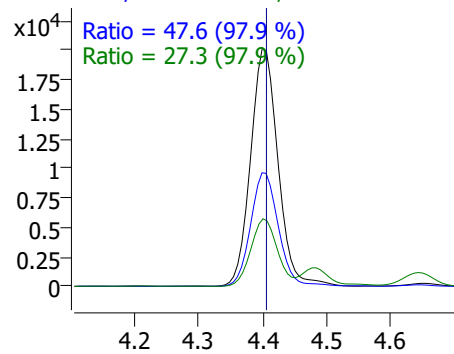
Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFPeA	6:2 FTOH-C13	4.481	53074	46581	1.1394	0.3832	ng
PFHxA	6:2 FTOH-C13	4.639	26617	46581	0.5714	0.4127	ng
PFHpA	6:2 FTOH-C13	4.920	16912	46581	0.3631	0.3846	ng
PFOA	6:2 FTOH-C13	5.348	10115	46581	0.2171	0.3598	ng
4:2 FTOH	6:2 FTOH-C13	11.688	7566	46581	0.1624	0.3451	ng
5:2sFTOH	6:2 FTOH-C13	11.757	4011	46581	0.0861	0.3633	ng
7:2sFTOH	6:2 FTOH-C13	13.064	8673	46581	0.1862	0.3625	ng
6:2 FTOH	6:2 FTOH-C13	13.090	14489	46581	0.3110	0.3397	ng
8:2 FTOH-C13	6:2 FTOH-C13	14.293	16913	46581	0.3631	0.9321	ng
8:2 FTOH	6:2 FTOH-C13	14.300	4604	46581	0.0988	0.3809	ng
10:2 FTOH	6:2 FTOH-C13	15.370	1438	46581	0.0309	0.2831	ng
12:2 FTOH	6:2 FTOH-C13	16.350	5832	46581	0.1252	0.2994	ng
NMeFOSA	6:2 FTOH-C13	18.823	29840	46581	0.6406	0.4023	ng
NEtFOSA	6:2 FTOH-C13	18.824	27581	46581	0.5921	0.4108	ng

PFBA

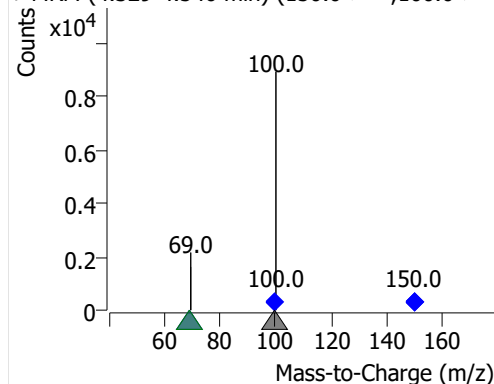
+ MRM (150.0 -> 100.0) tq010512.D



150.0 -> 100.0, 150.0 -> 69.0, 100.0 -> 69.0

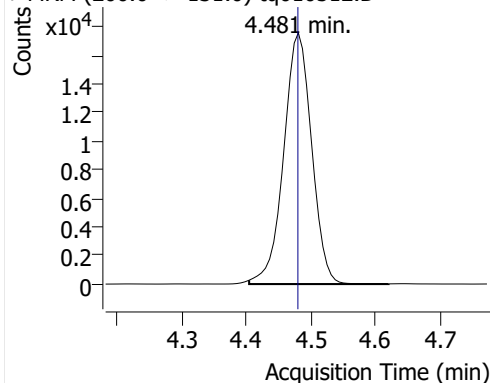


+ MRM (4.329-4.546 min) (150.0->**,100.0->**)

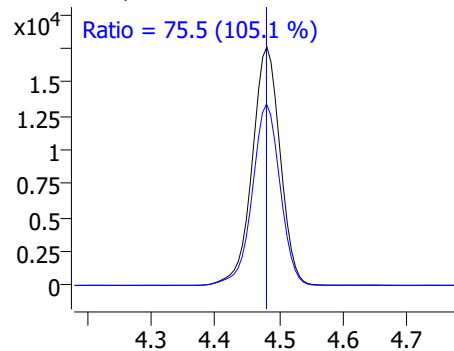


PFPeA

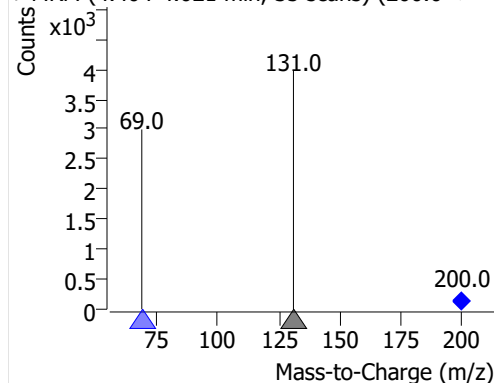
+ MRM (200.0 -> 131.0) tq010512.D



200.0 -> 131.0, 200.0 -> 69.0

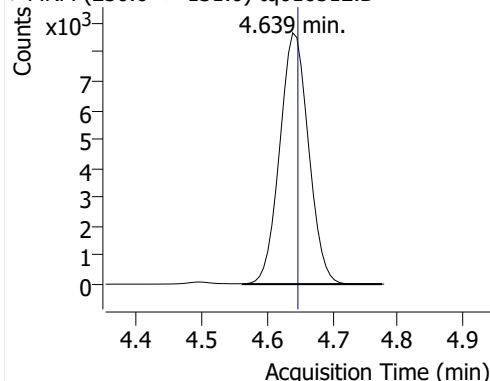


+ MRM (4.404-4.621 min, 35 scans) (200.0 -> *)

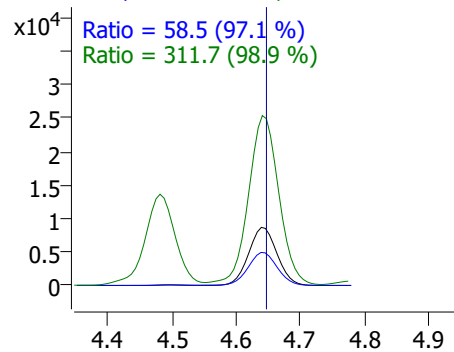


PFHxA

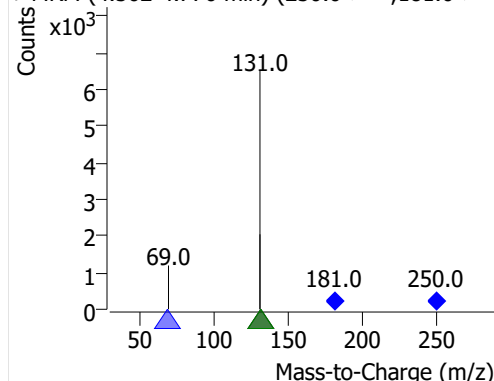
+ MRM (250.0 -> 131.0) tq010512.D



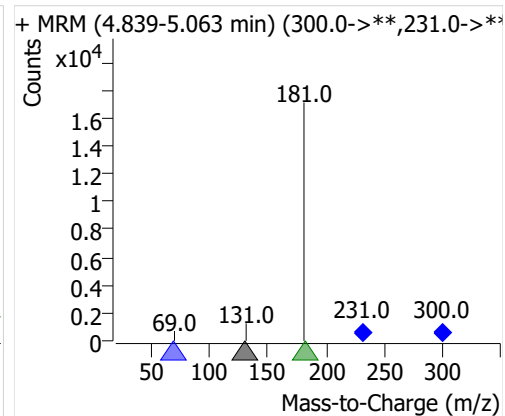
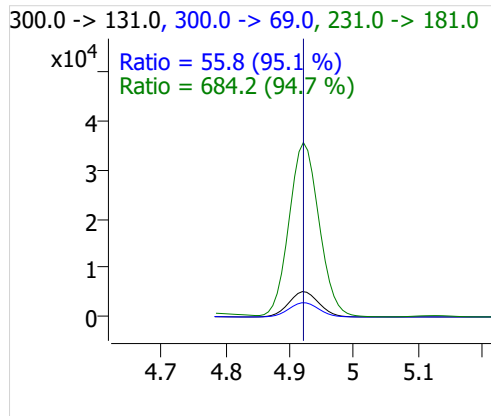
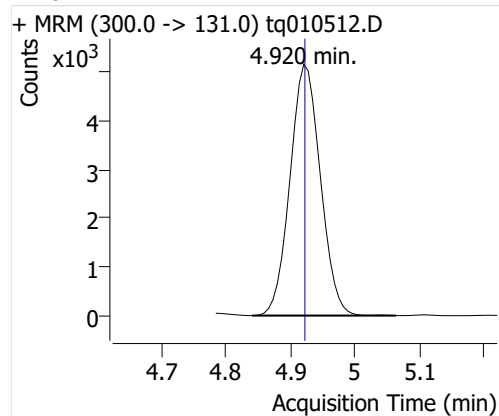
250.0 -> 131.0, 250.0 -> 69.0, 181.0 -> 131.0



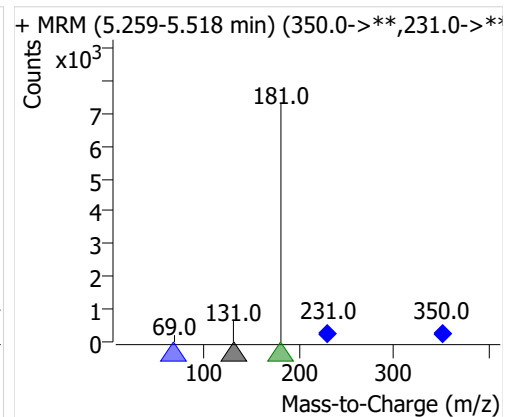
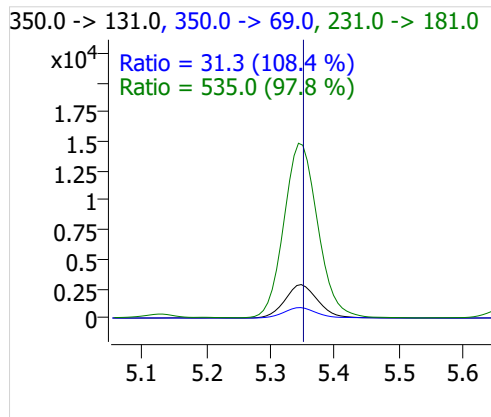
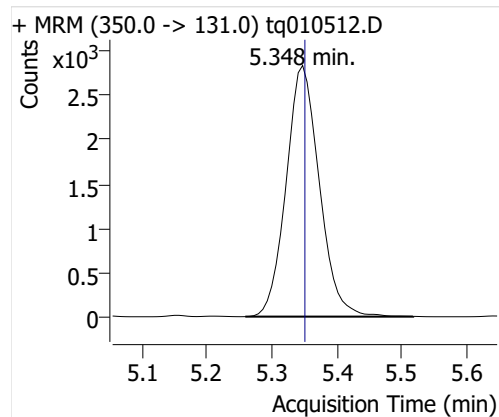
+ MRM (4.562-4.776 min) (250.0->**,181.0->*)



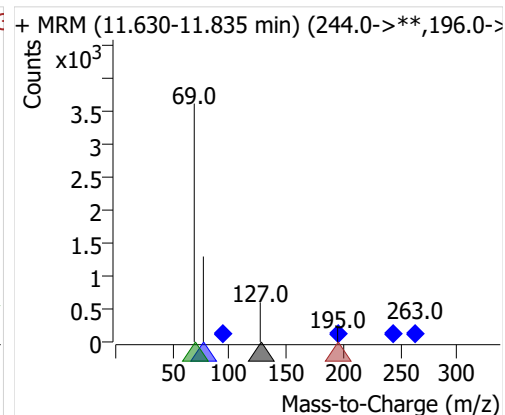
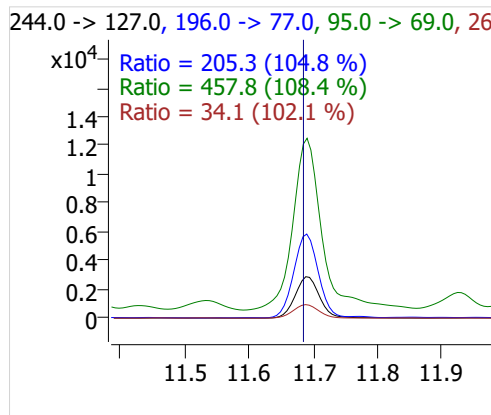
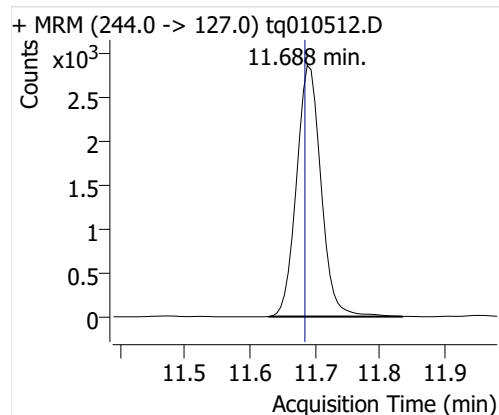
PFHpA



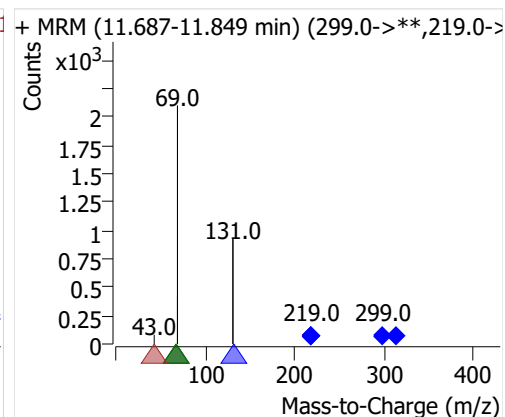
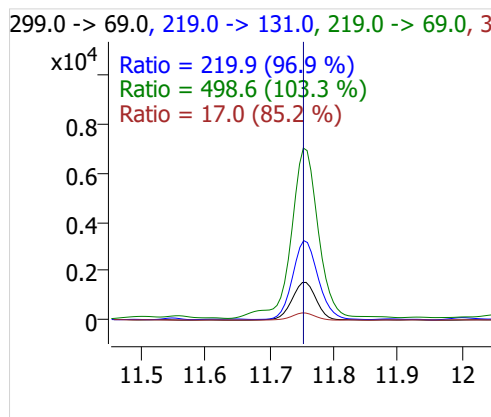
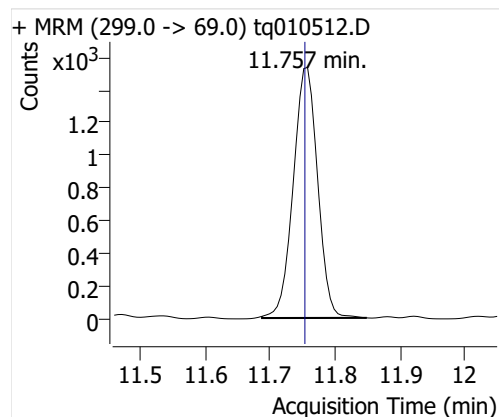
PFOA



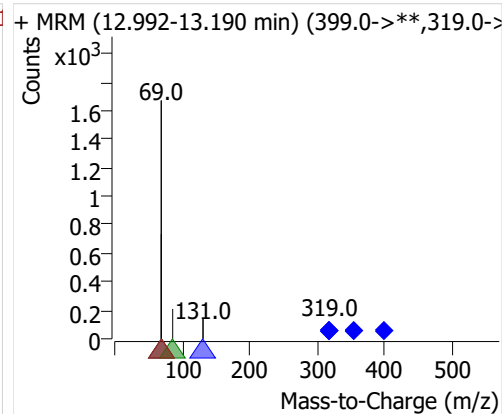
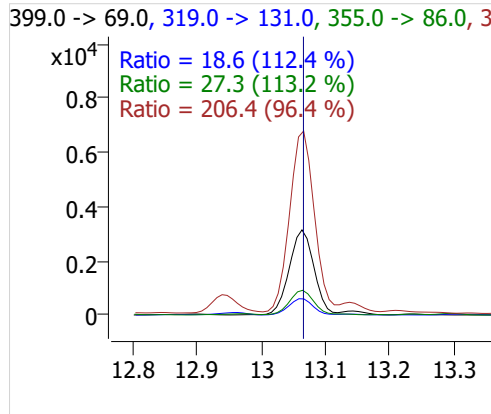
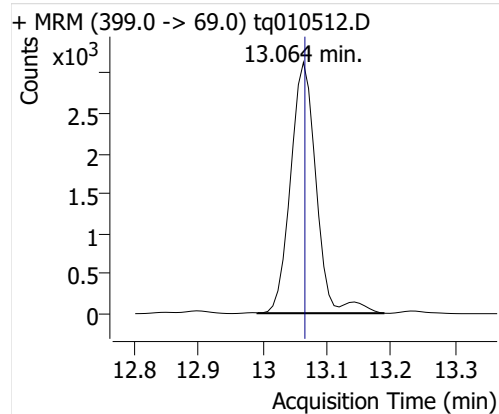
4:2 FTOH



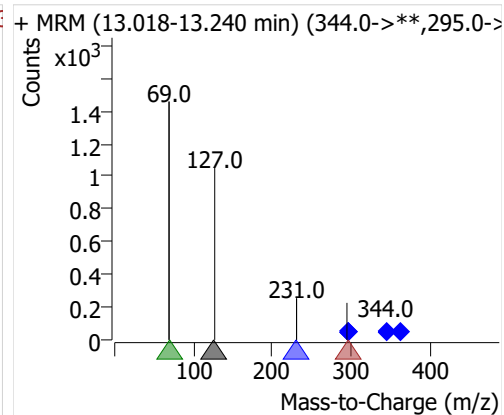
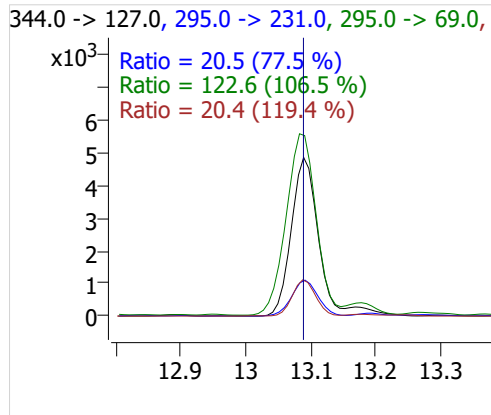
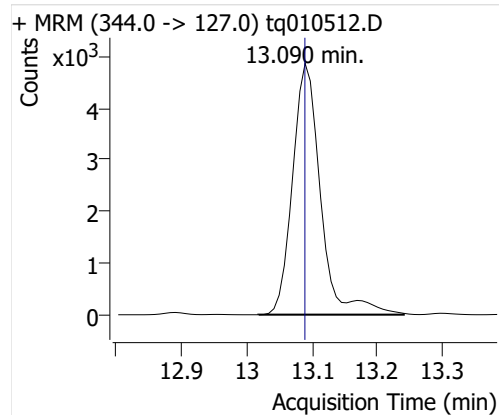
5:2sFTOH



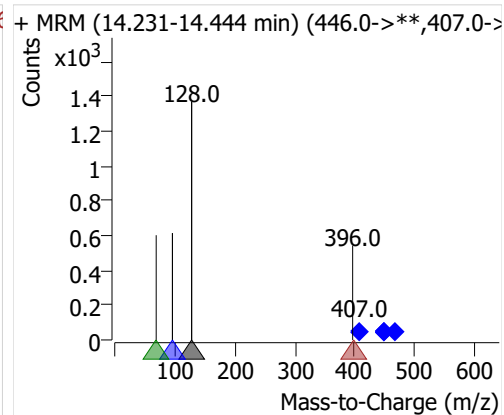
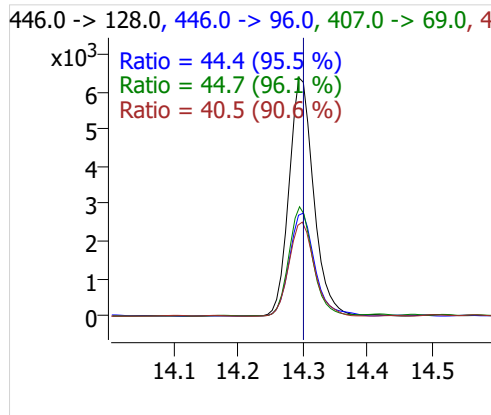
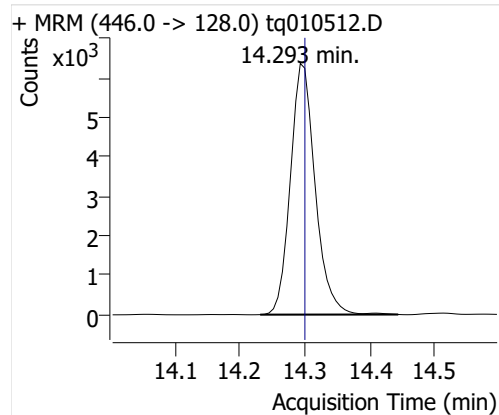
7:2s FTOH



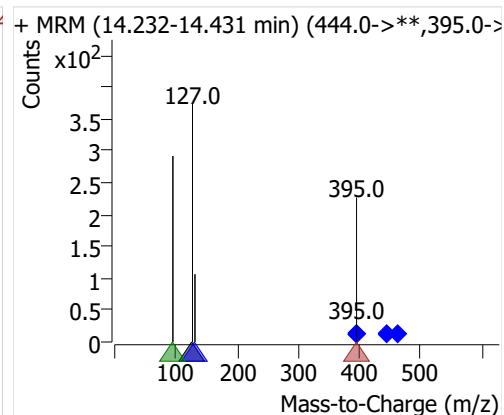
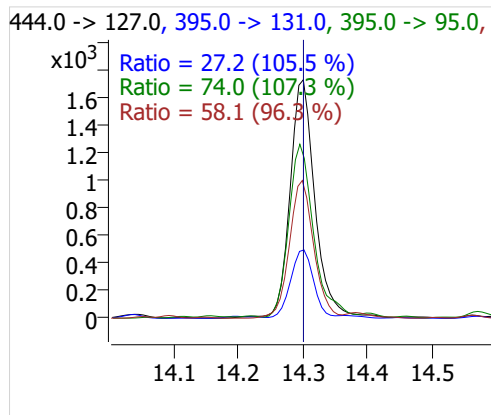
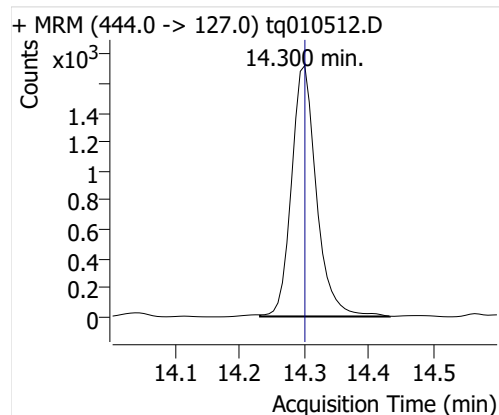
6:2 FTOH



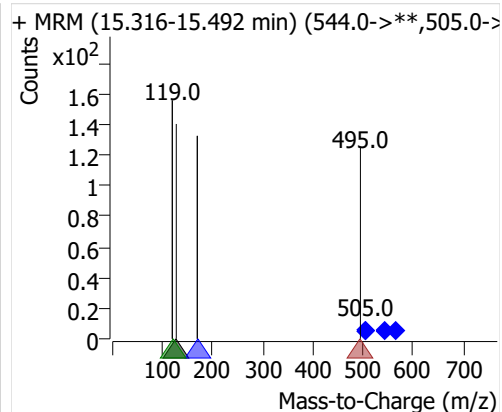
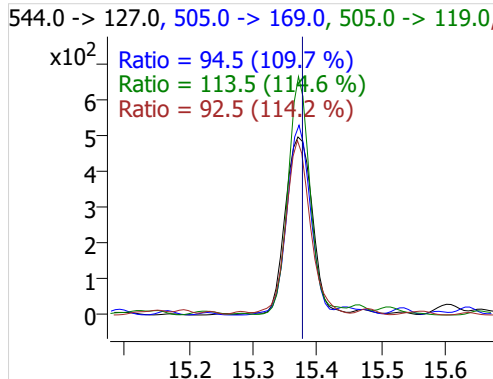
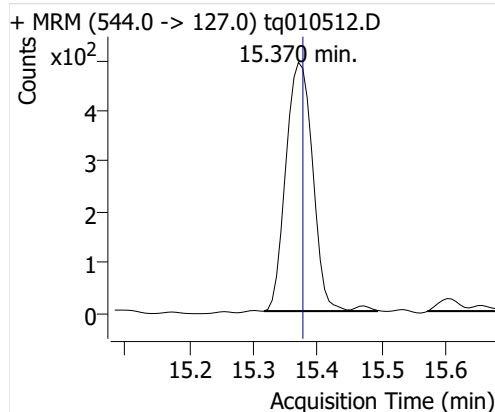
8:2 FTOH-C13



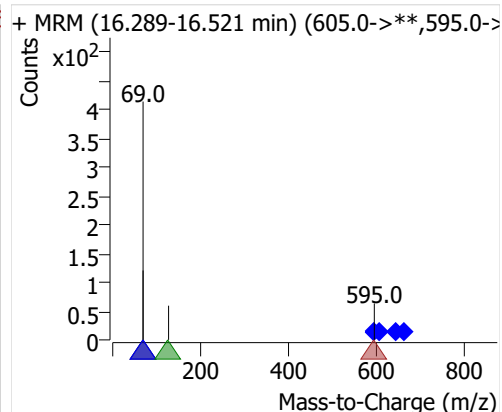
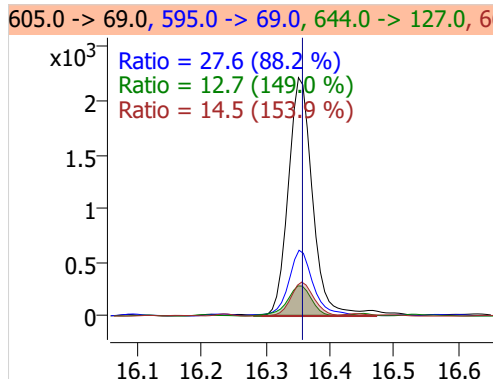
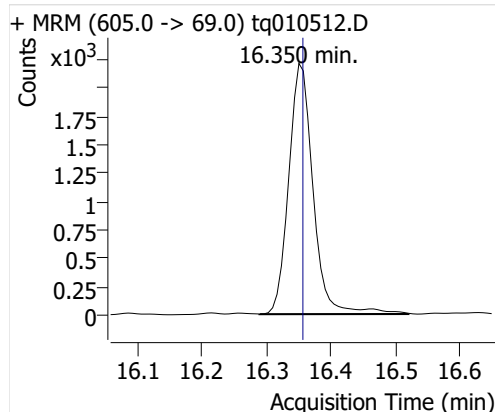
8:2 FTOH



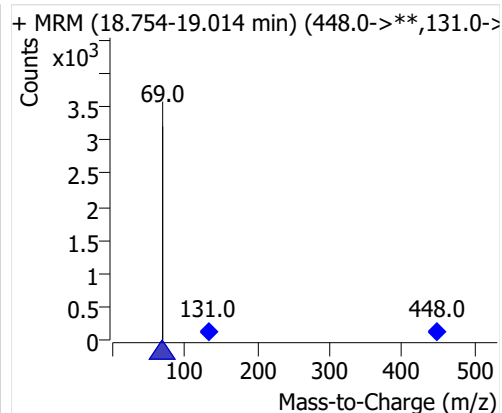
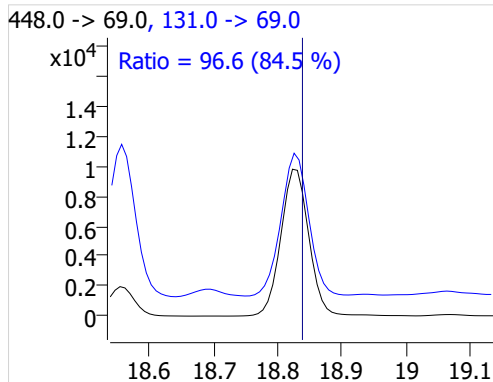
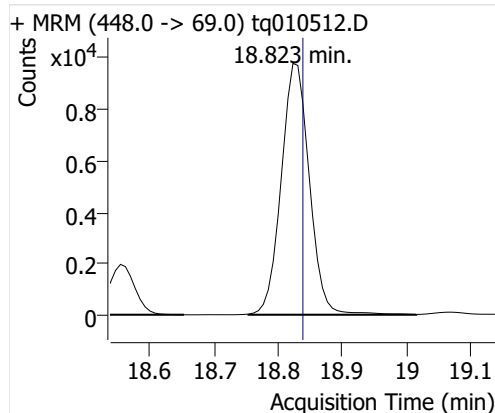
10:2 FTOH



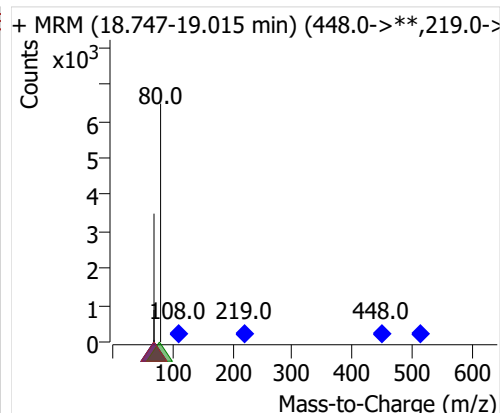
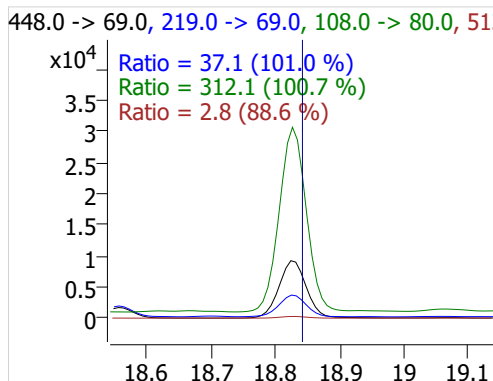
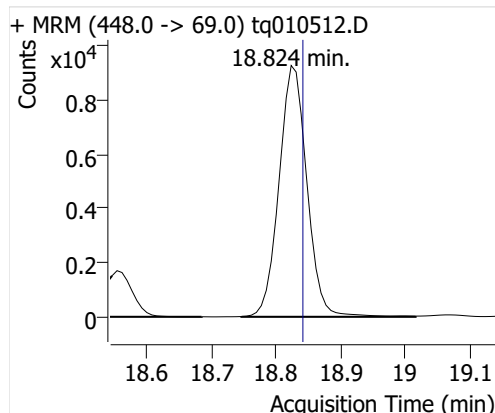
12:2 FTOH



NMeFOSA



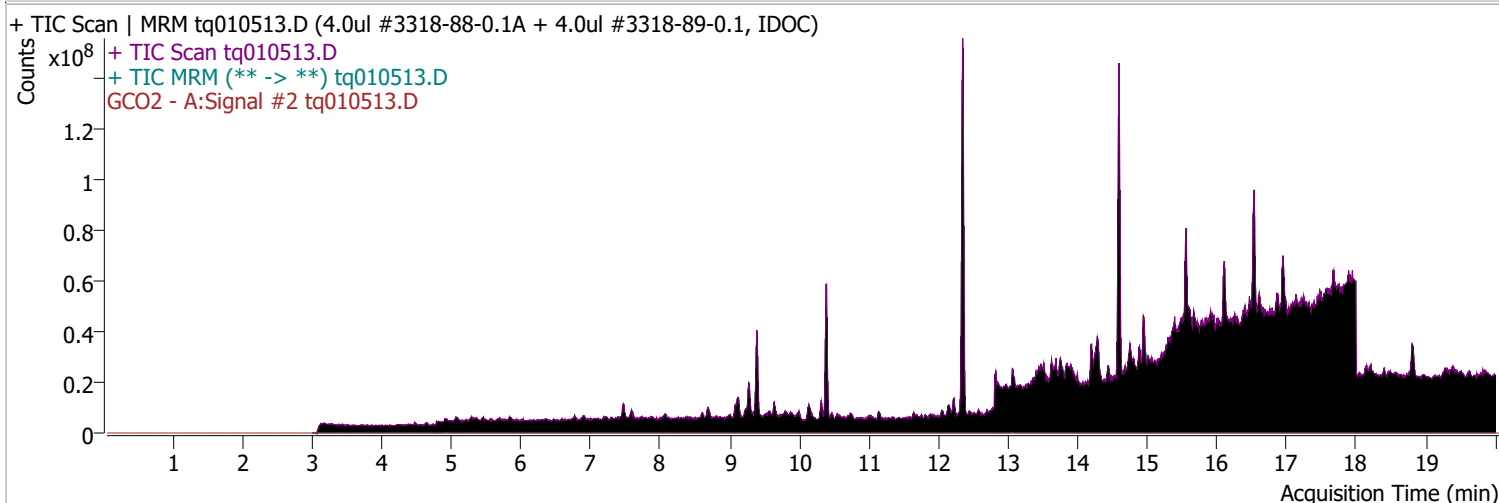
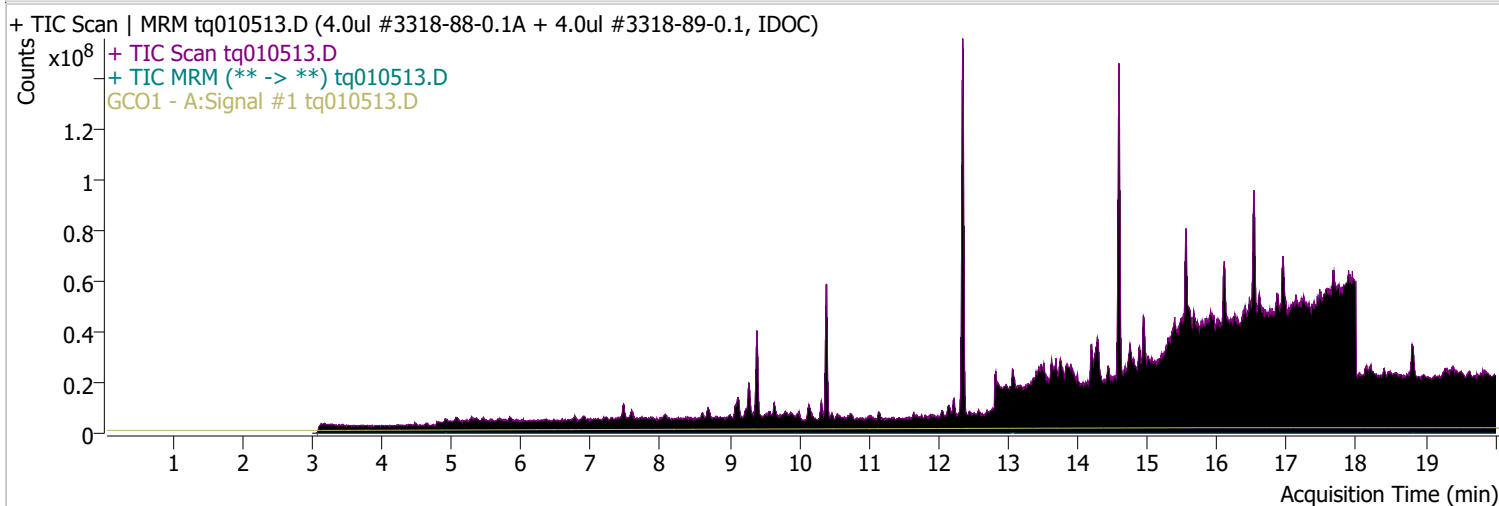
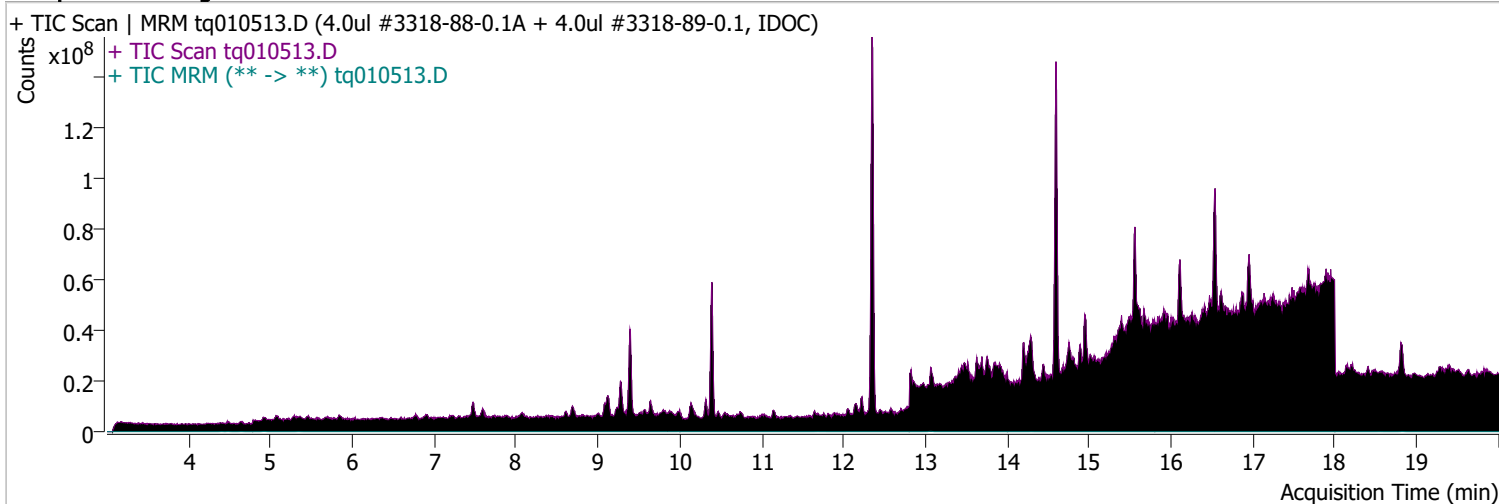
NetFOSA



Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\GCMS\1\data\05jan23\QuantResults\05jan23.batch.bin		
Analysis Time	1/11/2023 10:04 AM	Analyst Name	TAI\us32_usr_ins22923
Report Time	1/11/2023 2:41:41 PM	Reporter Name	TAI\us32_usr_ins22923
Last Calib Update	1/3/2023 2:39 PM	Batch State	Processed
Quant Batch Version	10.1	Quant Report Version	10.1
Acq. Time	1/5/2023 2:02 PM	Data File	tq010513.D
Sample Type	Sample	Sample Name	4.0ul #3318-88-0.1A + 4.0ul #3318-89-0.1, IDOC
Dilution	1	Acq. Method	tq22m1227

Sample Chromatogram

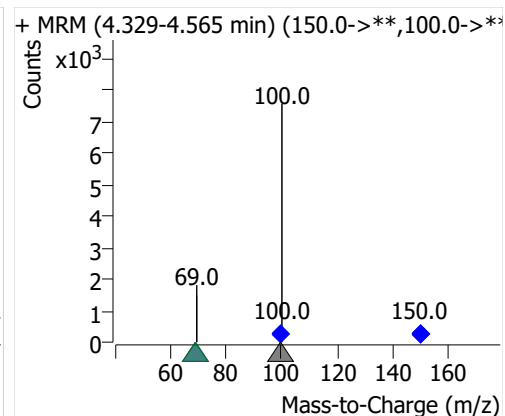
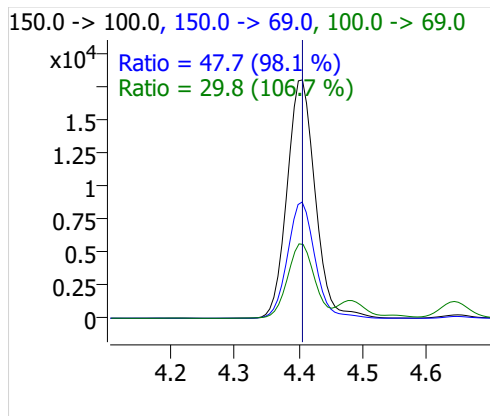
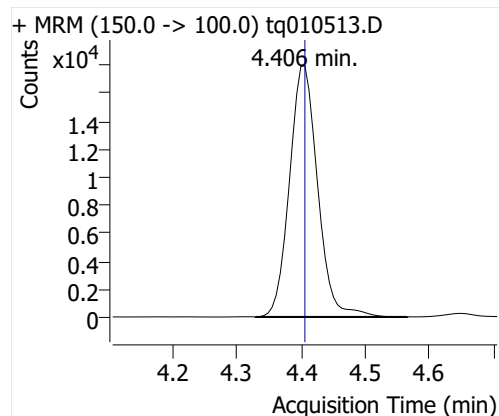


Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFBA	6:2 FTOH-C13	4.406	54921	47577	1.1544	0.3445	ng

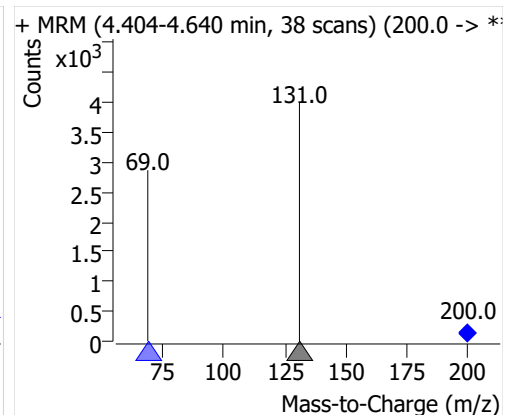
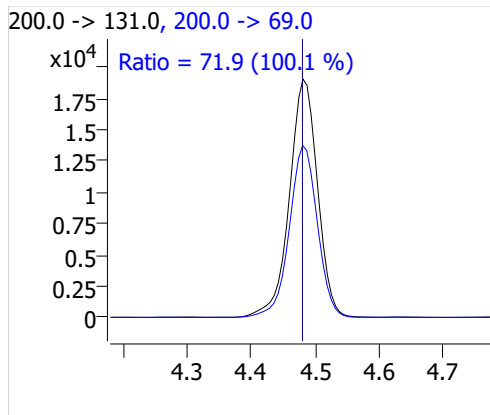
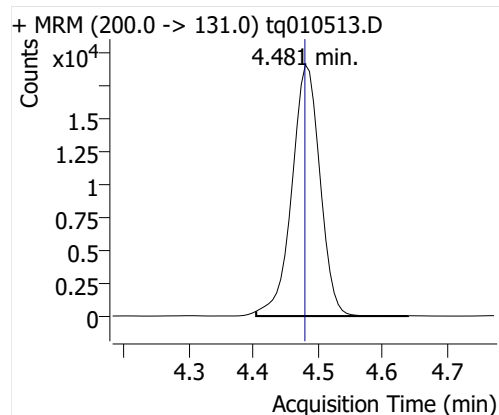
Quantitative Analysis Sample Report

Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFPeA	6:2 FTOH-C13	4.481	57831	47577	1.2155	0.4088	ng
PFHxA	6:2 FTOH-C13	4.645	27155	47577	0.5708	0.4123	ng
PFHpA	6:2 FTOH-C13	4.920	17316	47577	0.3640	0.3855	ng
PFOA	6:2 FTOH-C13	5.348	10757	47577	0.2261	0.3746	ng
4:2 FTOH	6:2 FTOH-C13	11.688	8023	47577	0.1686	0.3583	ng
5:2sFTOH	6:2 FTOH-C13	11.752	3888	47577	0.0817	0.3448	ng
7:2sFTOH	6:2 FTOH-C13	13.064	8446	47577	0.1775	0.3456	ng
6:2 FTOH	6:2 FTOH-C13	13.090	15203	47577	0.3195	0.3490	ng
8:2 FTOH-C13	6:2 FTOH-C13	14.293	16534	47577	0.3475	0.8922	ng
8:2 FTOH	6:2 FTOH-C13	14.294	4911	47577	0.1032	0.3977	ng
10:2 FTOH	6:2 FTOH-C13	15.370	1601	47577	0.0336	0.3086	ng
12:2 FTOH	6:2 FTOH-C13	16.350	5339	47577	0.1122	0.2684	ng
NMeFOSA	6:2 FTOH-C13	18.830	25431	47577	0.5345	0.3357	ng
NetFOSA	6:2 FTOH-C13	18.824	22534	47577	0.4736	0.3286	ng

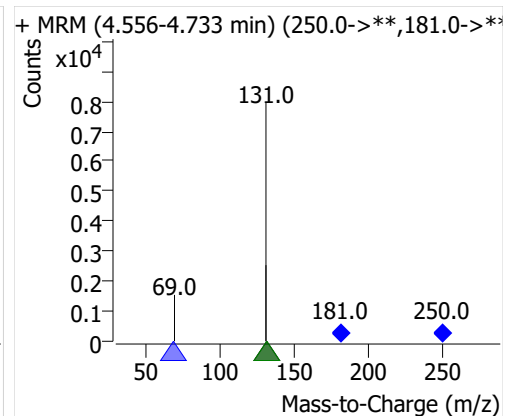
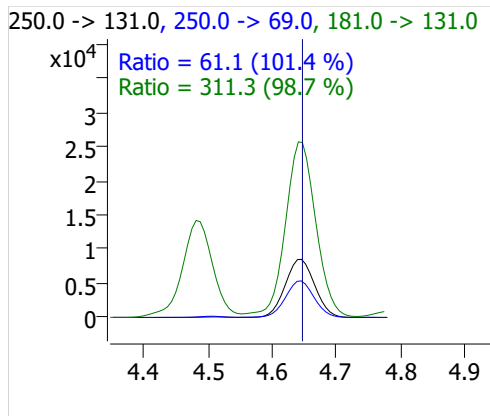
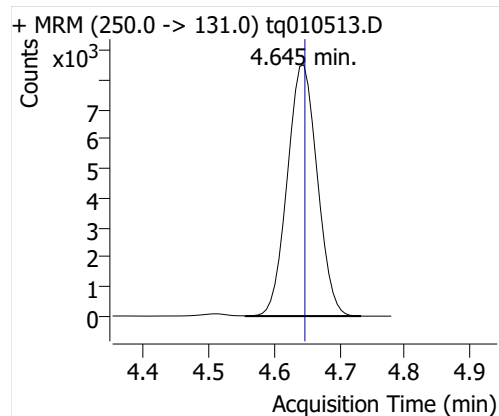
PFBA



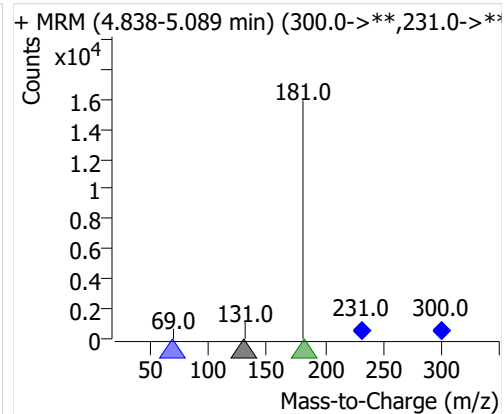
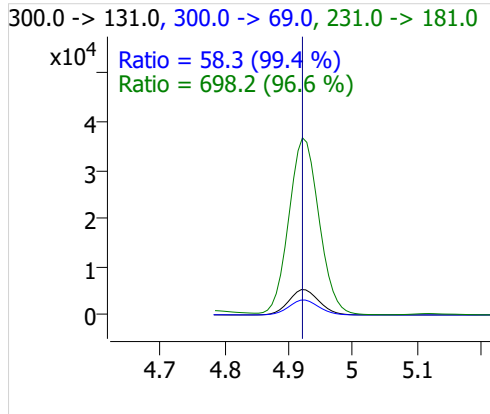
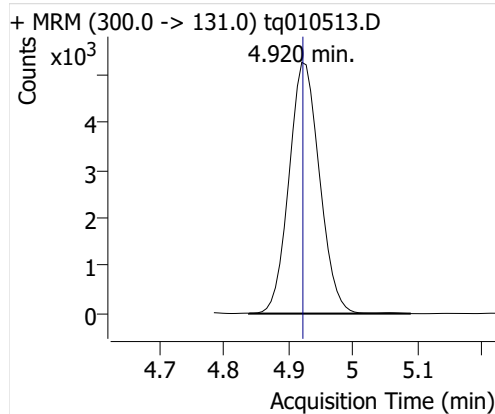
PFPeA



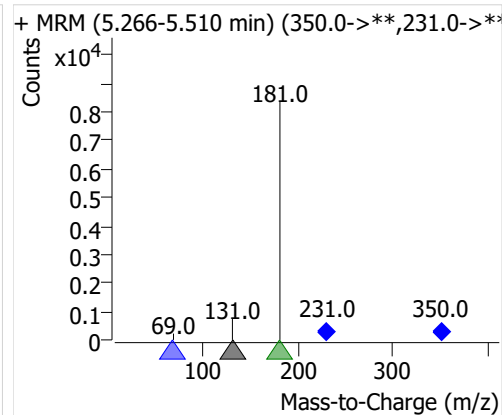
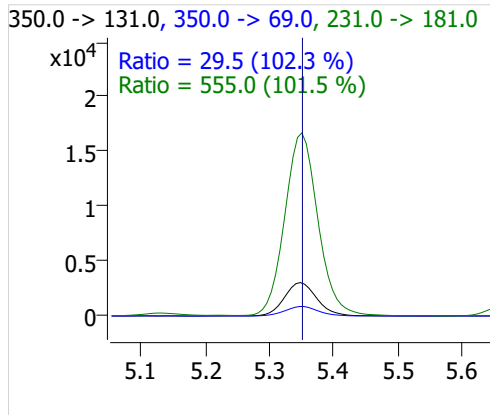
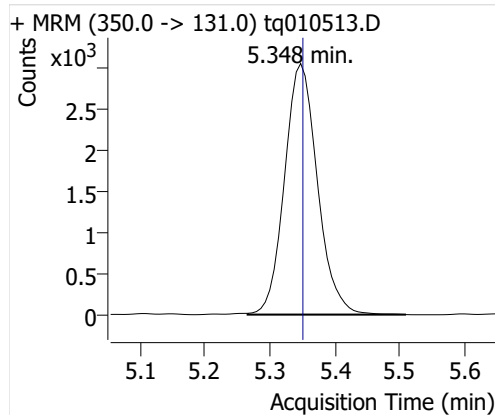
PFHxA



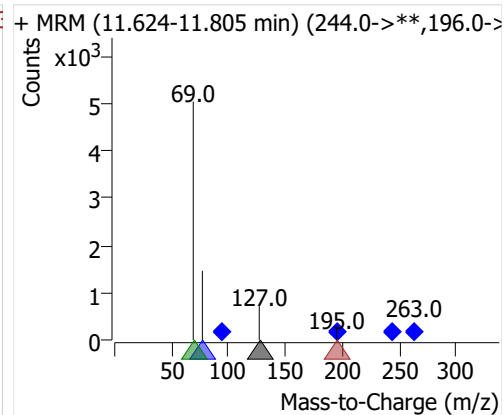
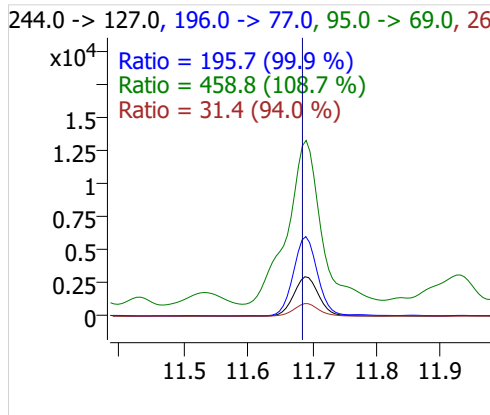
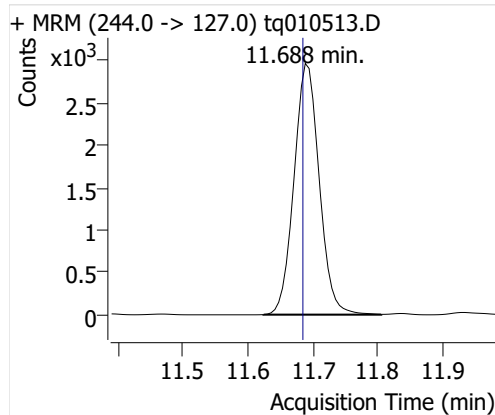
PFHpA



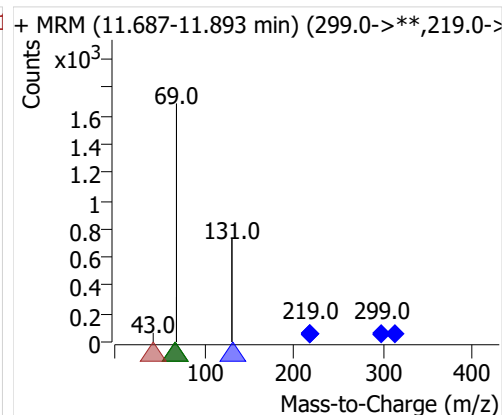
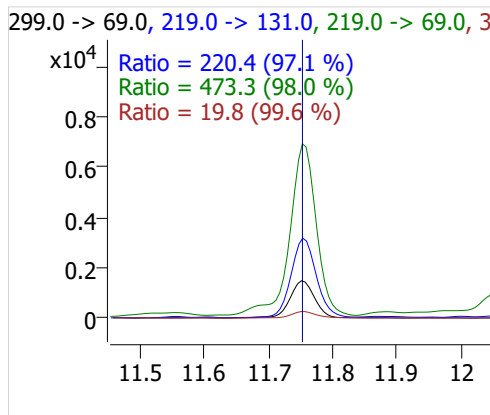
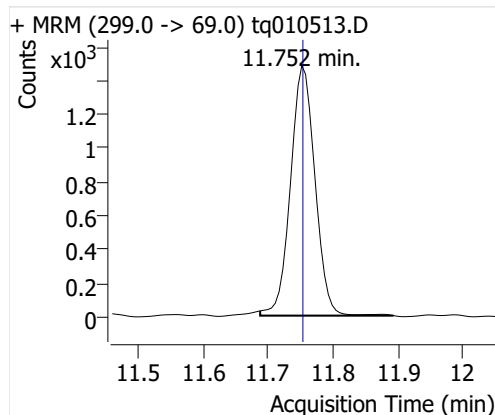
PFOA



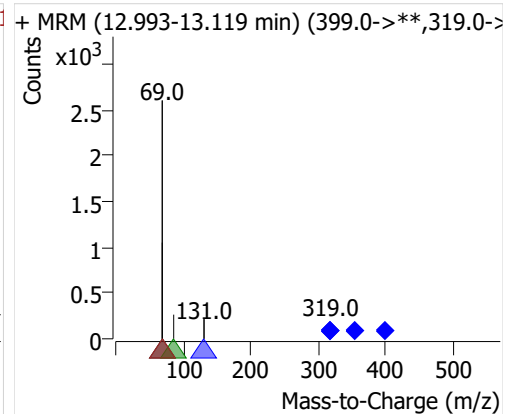
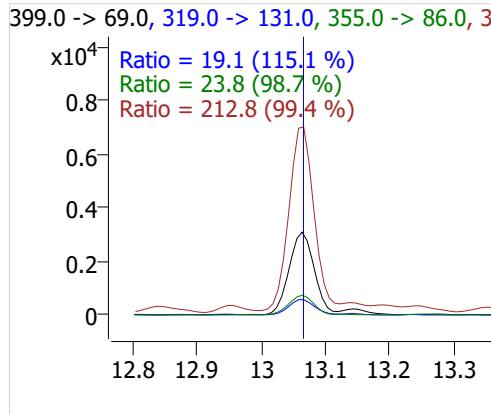
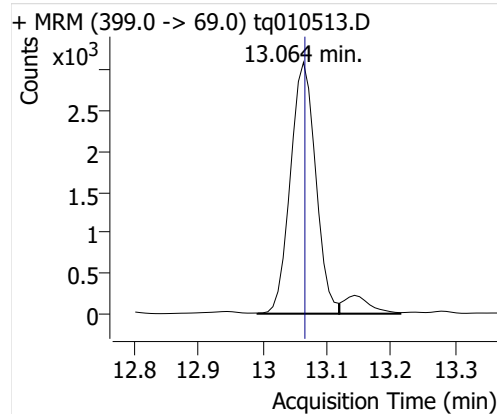
4:2 FTOH



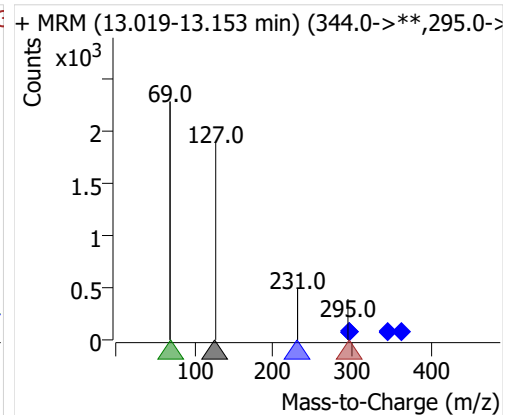
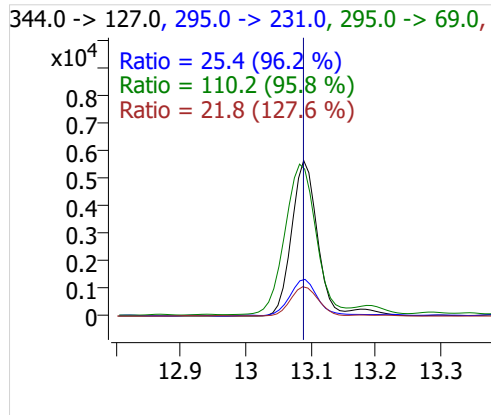
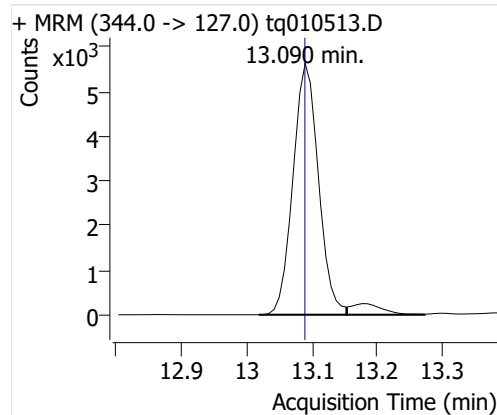
5:2sFTOH



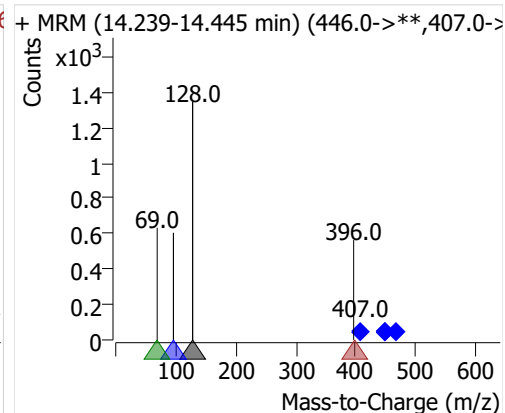
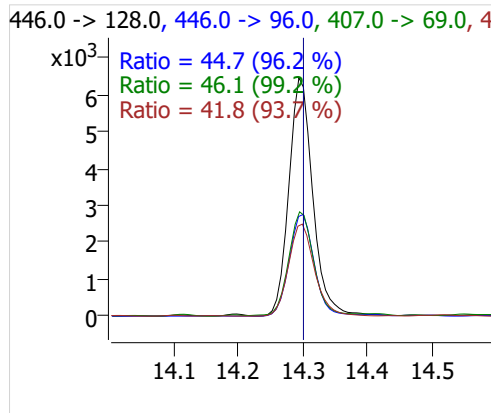
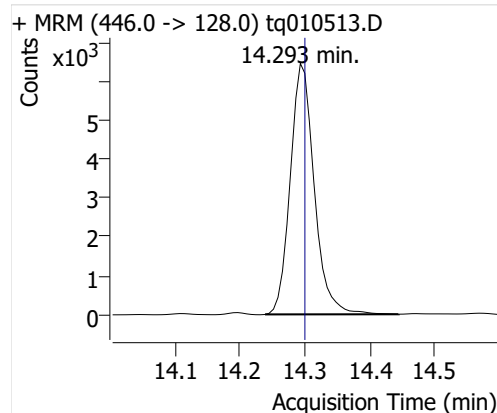
7:2s FTOH



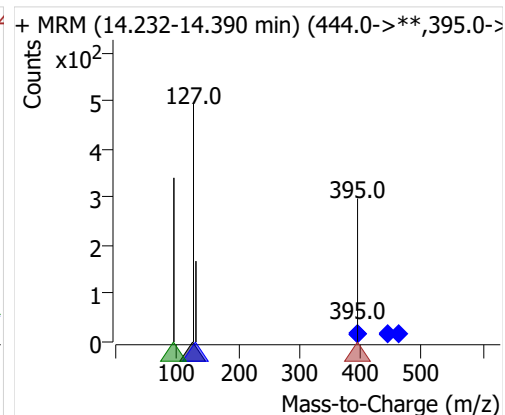
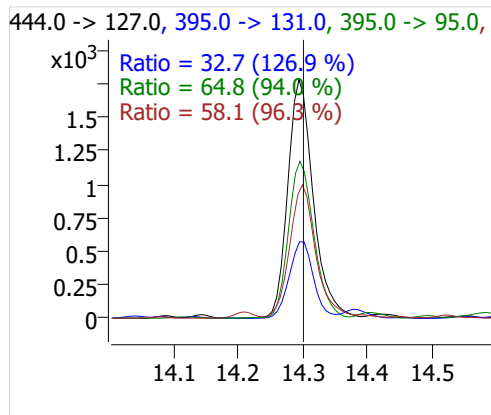
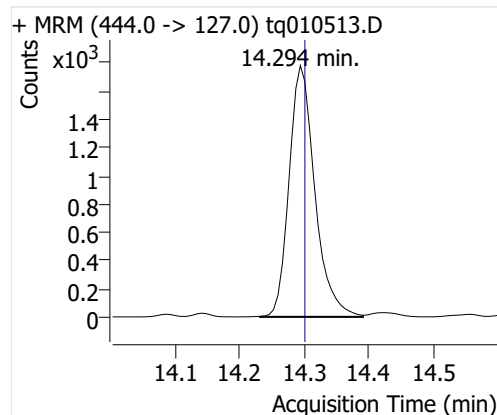
6:2 FTOH



8:2 FTOH-C13

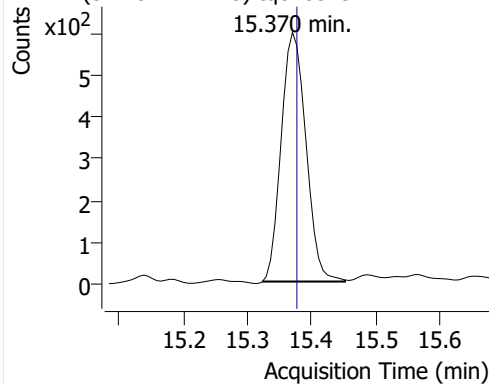


8:2 FTOH

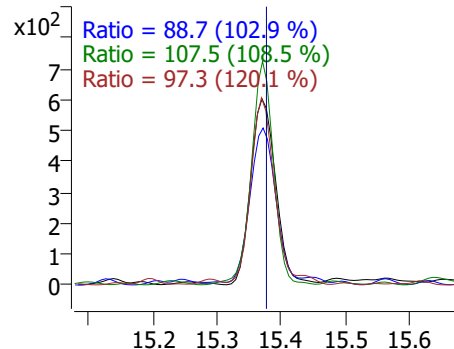


10:2 FTOH

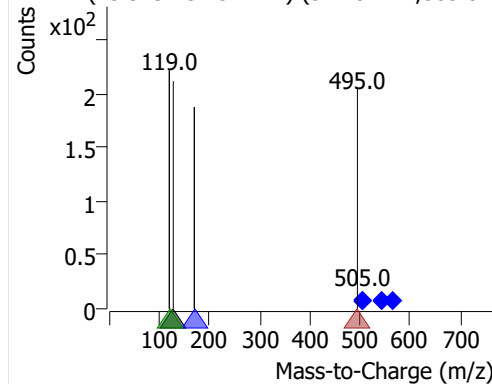
+ MRM (544.0 -> 127.0) tq010513.D



544.0 -> 127.0, 505.0 -> 169.0, 505.0 -> 119.0,

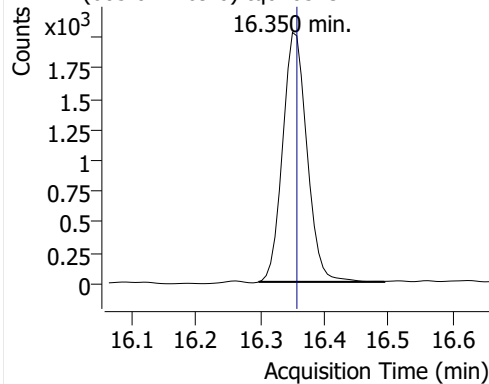


+ MRM (15.323-15.451 min) (544.0->**,505.0->

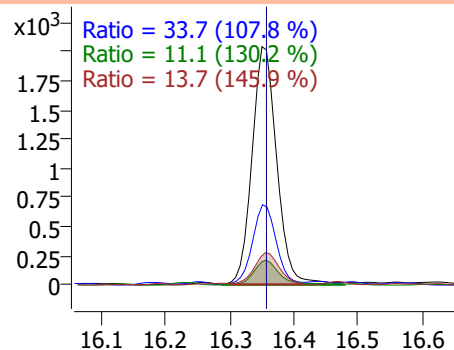


12:2 FTOH

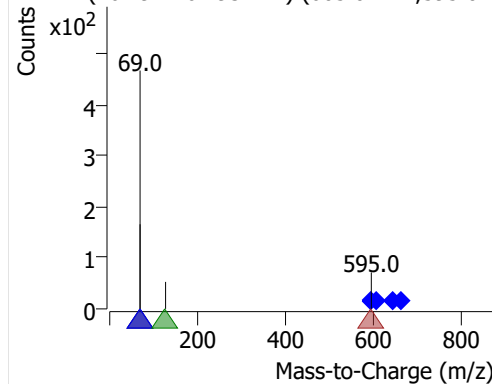
+ MRM (605.0 -> 69.0) tq010513.D



605.0 -> 69.0, 595.0 -> 69.0, 644.0 -> 127.0, 644.0 -> 119.0,

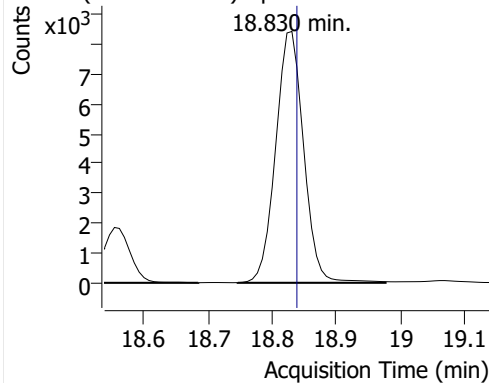


+ MRM (16.297-16.493 min) (605.0->**,595.0->

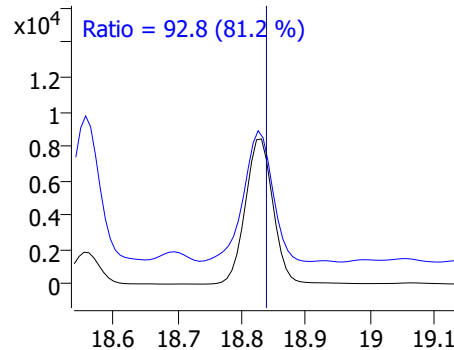


NMeFOSA

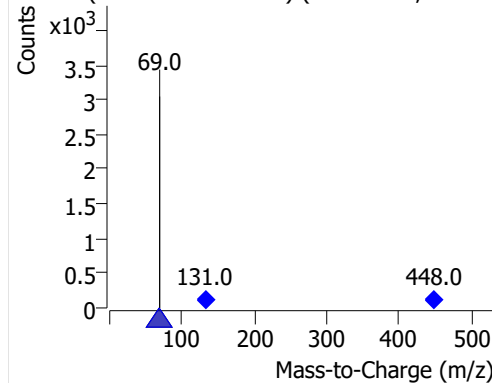
+ MRM (448.0 -> 69.0) tq010513.D



448.0 -> 69.0, 131.0 -> 69.0

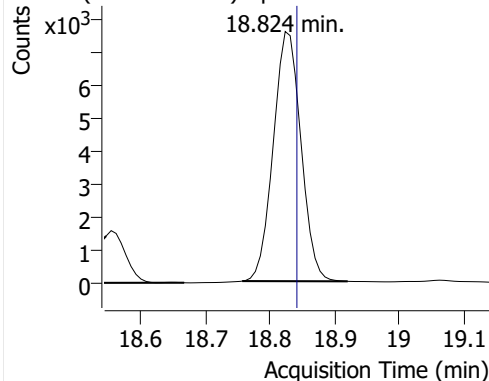


+ MRM (18.746-18.976 min) (448.0->**,131.0->

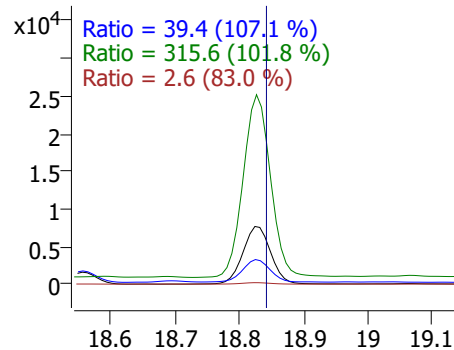


NetFOSA

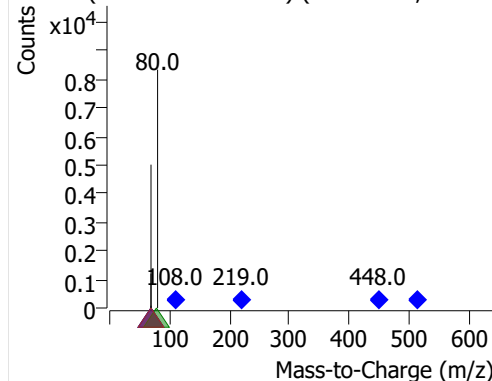
+ MRM (448.0 -> 69.0) tq010513.D



448.0 -> 69.0, 219.0 -> 69.0, 108.0 -> 80.0, 513.0 -> 80.0,



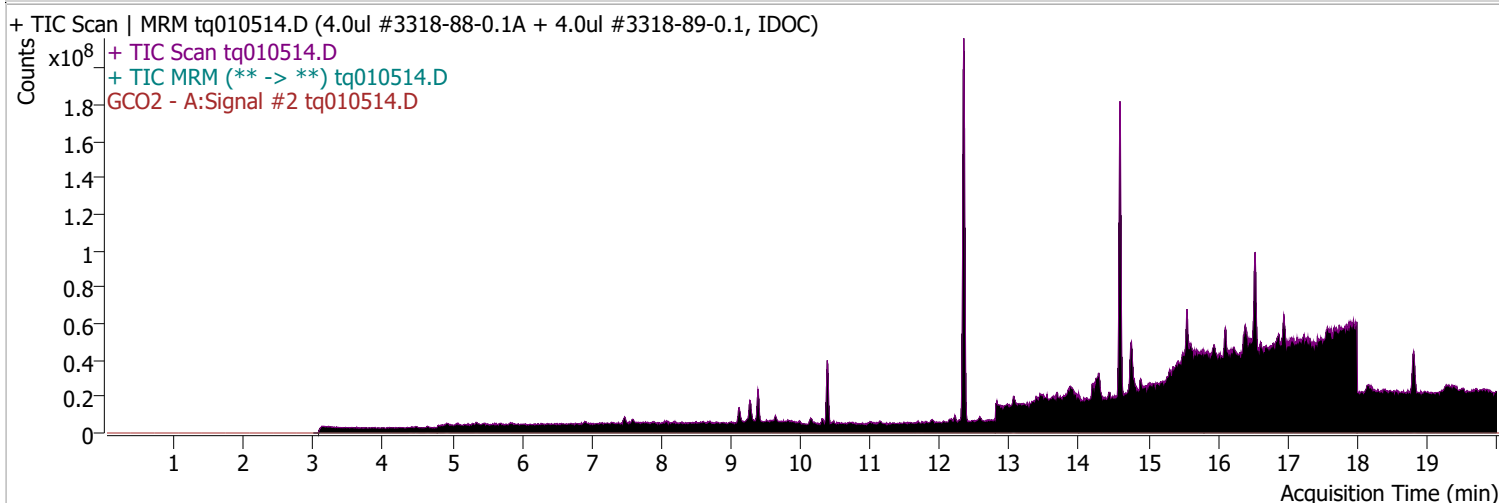
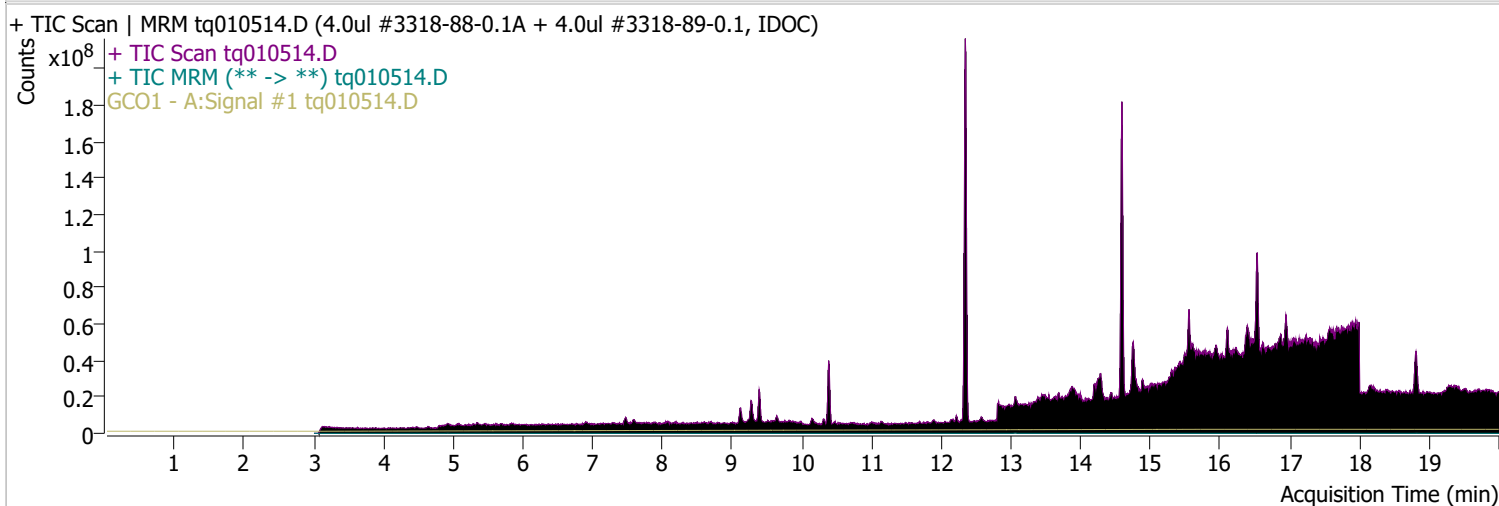
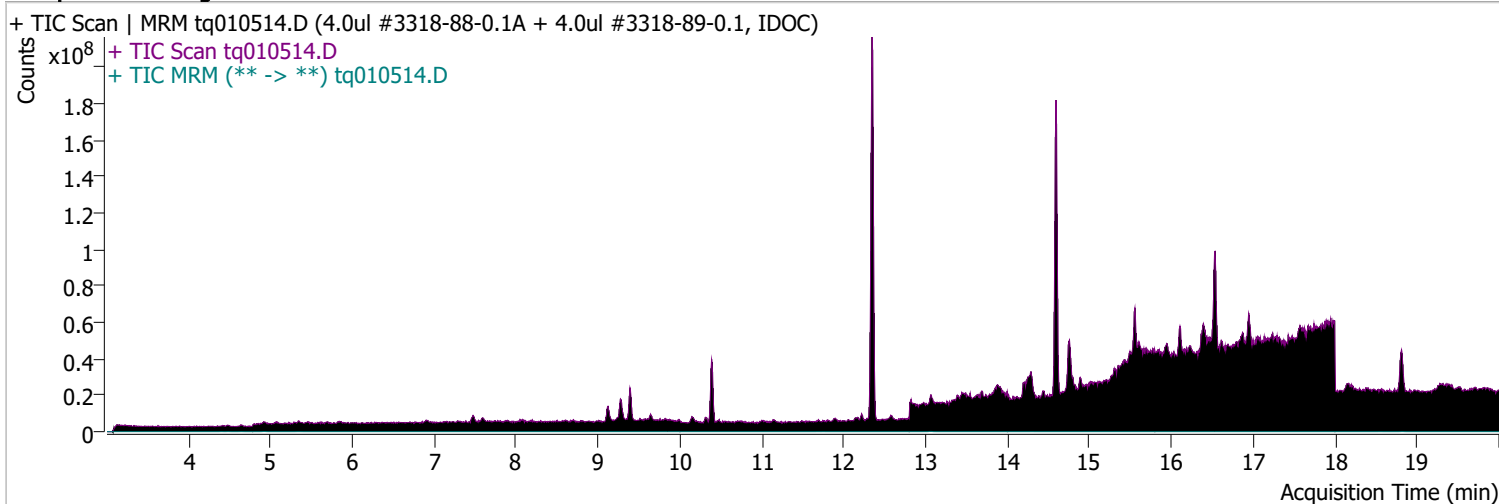
+ MRM (18.757-18.920 min) (448.0->**,219.0->



Quantitative Analysis Sample Report

Batch Path	D:\MassHunter\GCMS\1\data\05jan23\QuantResults\05jan23.batch.bin		
Analysis Time	1/11/2023 10:04 AM	Analyst Name	TAI\us32_usr_ins22923
Report Time	1/11/2023 2:41:42 PM	Reporter Name	TAI\us32_usr_ins22923
Last Calib Update	1/3/2023 2:39 PM	Batch State	Processed
Quant Batch Version	10.1	Quant Report Version	10.1
Acq. Time	1/5/2023 2:25 PM	Data File	tq010514.D
Sample Type	Sample	Sample Name	4.0ul #3318-88-0.1A + 4.0ul #3318-89-0.1, IDOC
Dilution	1	Acq. Method	tq22m1227

Sample Chromatogram

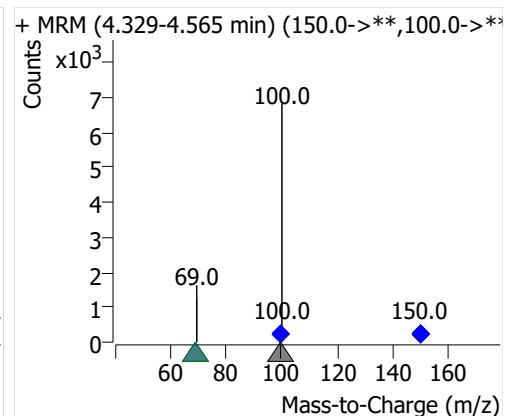
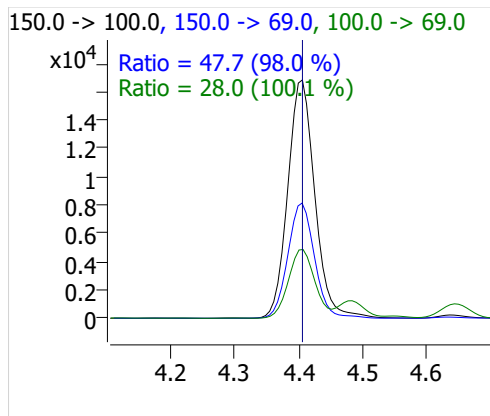
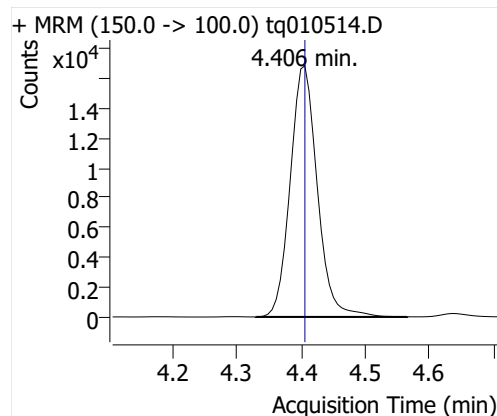


Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFBA	6:2 FTOH-C13	4.406	49373	42843	1.1524	0.3439	ng

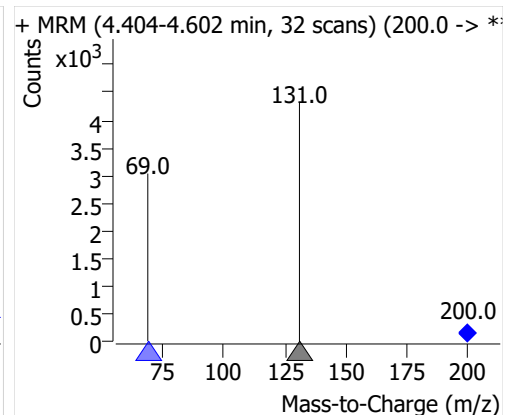
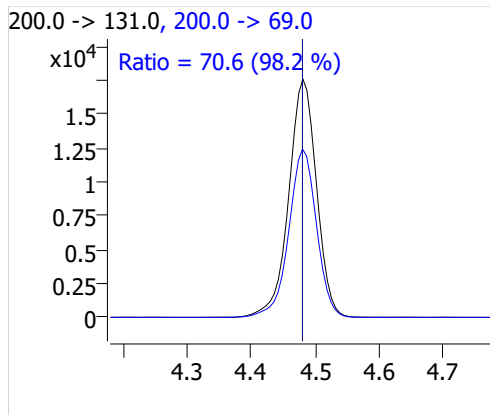
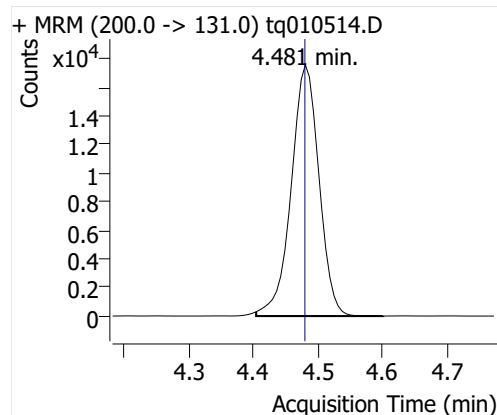
Quantitative Analysis Sample Report

Compound	ISTD	RT	Resp.	ISTD Resp.	Resp. Ratio	Final Conc	Units
PFPeA	6:2 FTOH-C13	4.481	52655	42843	1.2290	0.4134	ng
PFHxA	6:2 FTOH-C13	4.639	26264	42843	0.6130	0.4428	ng
PFHpA	6:2 FTOH-C13	4.920	17250	42843	0.4026	0.4265	ng
PFOA	6:2 FTOH-C13	5.348	10125	42843	0.2363	0.3916	ng
4:2 FTOH	6:2 FTOH-C13	11.688	8483	42843	0.1980	0.4207	ng
5:2sFTOH	6:2 FTOH-C13	11.751	3785	42843	0.0884	0.3728	ng
7:2sFTOH	6:2 FTOH-C13	13.064	8002	42843	0.1868	0.3636	ng
6:2 FTOH	6:2 FTOH-C13	13.089	15719	42843	0.3669	0.4007	ng
8:2 FTOH-C13	6:2 FTOH-C13	14.293	15889	42843	0.3709	0.9521	ng
8:2 FTOH	6:2 FTOH-C13	14.300	4577	42843	0.1068	0.4117	ng
10:2 FTOH	6:2 FTOH-C13	15.369	1633	42843	0.0381	0.3497	ng
12:2 FTOH	6:2 FTOH-C13	16.350	5999	42843	0.1400	0.3349	ng
NMeFOSA	6:2 FTOH-C13	18.823	27400	42843	0.6395	0.4016	ng
NEtFOSA	6:2 FTOH-C13	18.823	24783	42843	0.5785	0.4013	ng

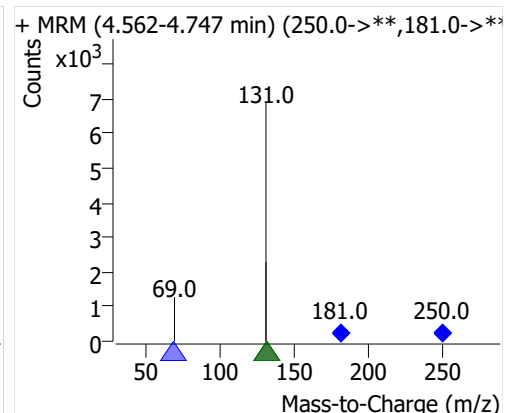
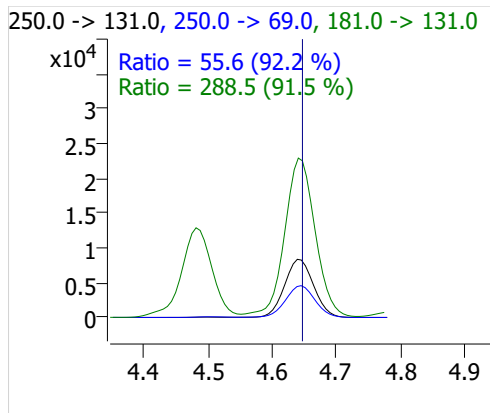
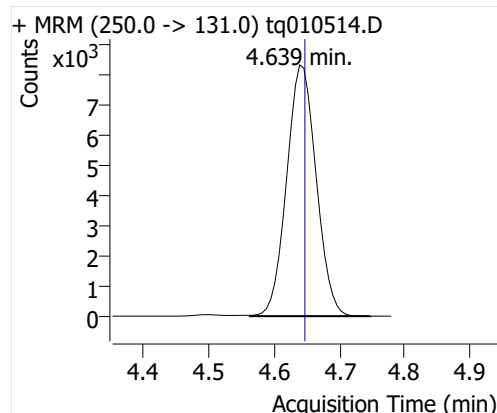
PFBA



PFPeA

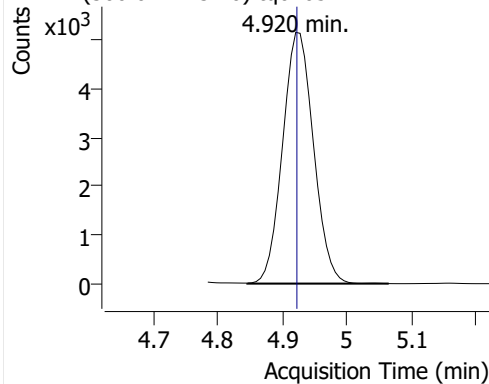


PFHxA

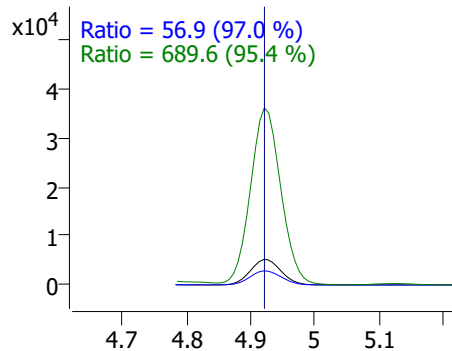


PFHpA

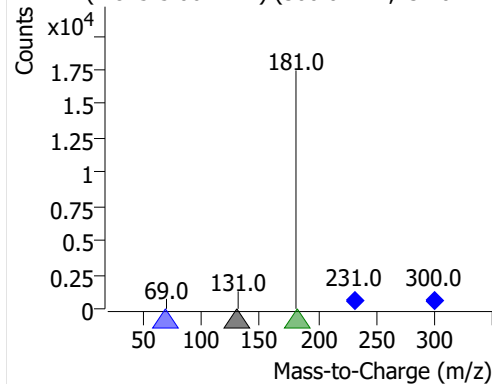
+ MRM (300.0 -> 131.0) tq010514.D



300.0 -> 131.0, 300.0 -> 69.0, 231.0 -> 181.0

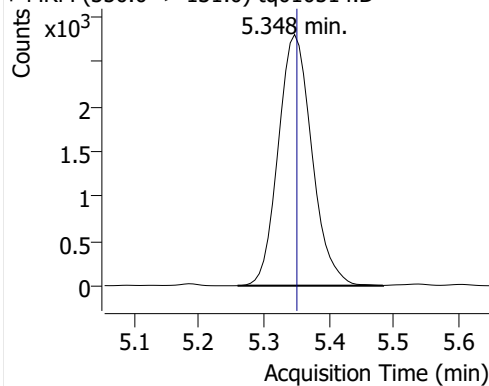


+ MRM (4.845-5.064 min) (300.0->**,231.0->**)

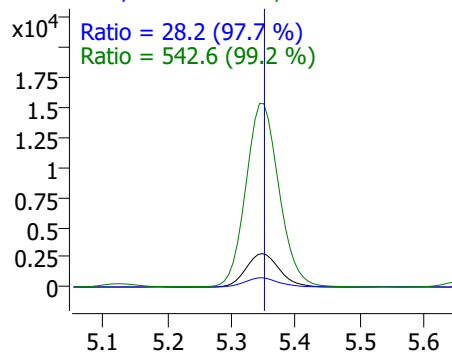


PFOA

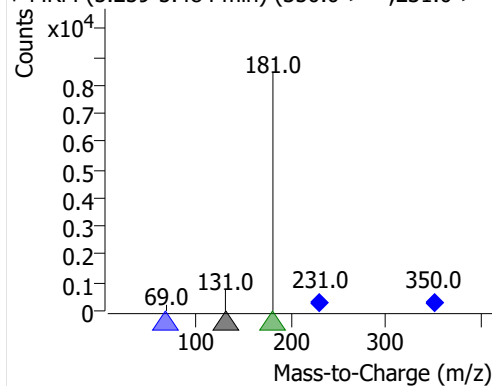
+ MRM (350.0 -> 131.0) tq010514.D



350.0 -> 131.0, 350.0 -> 69.0, 231.0 -> 181.0

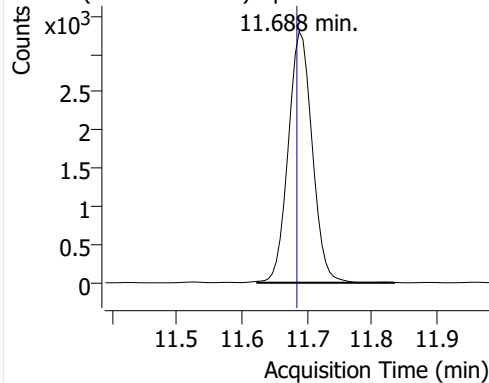


+ MRM (5.259-5.484 min) (350.0->**,231.0->**)

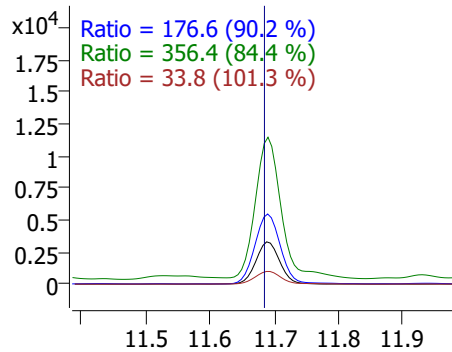


4:2 FTOH

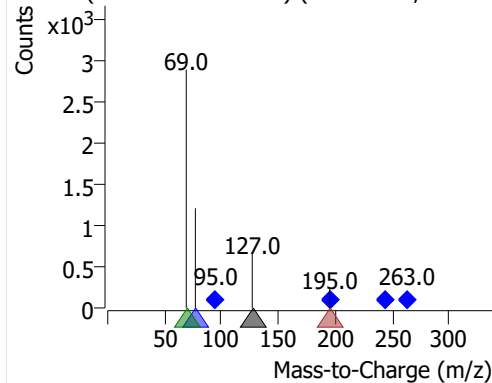
+ MRM (244.0 -> 127.0) tq010514.D



244.0 -> 127.0, 196.0 -> 77.0, 95.0 -> 69.0, 263.0 -> 131.0

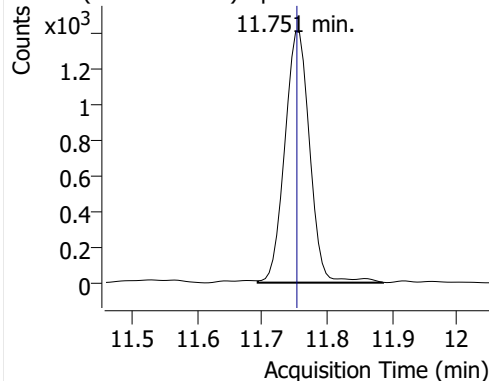


+ MRM (11.624-11.834 min) (244.0->**,196.0->**)

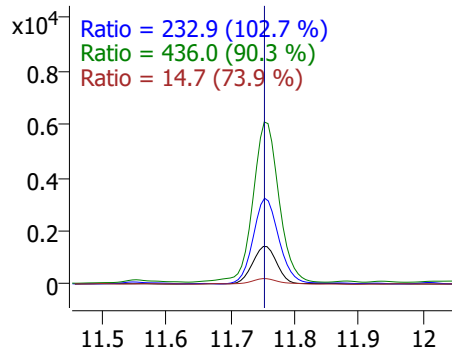


5:2sFTOH

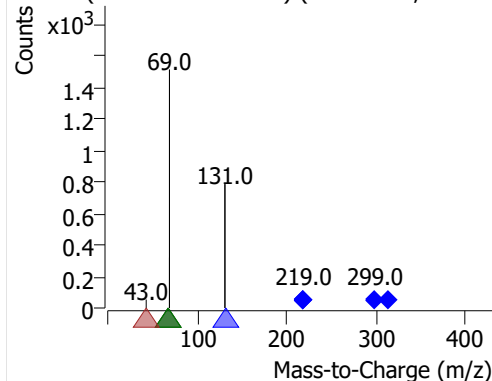
+ MRM (299.0 -> 69.0) tq010514.D



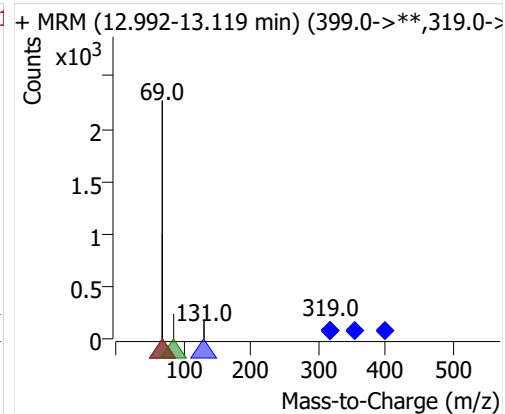
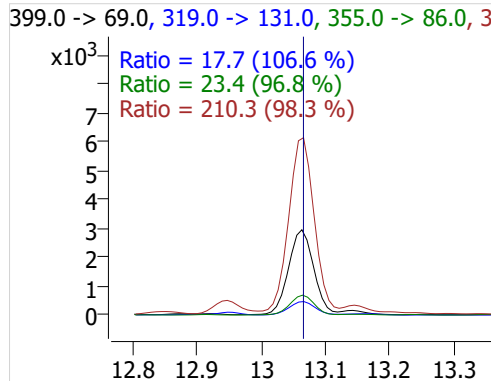
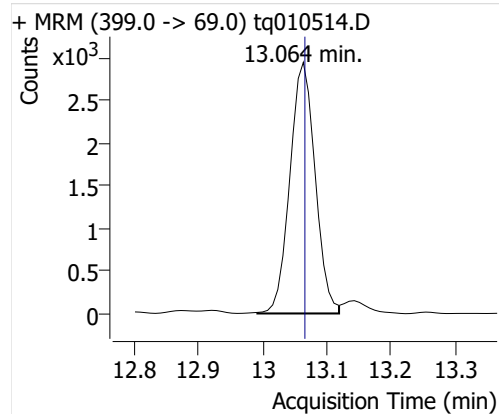
299.0 -> 69.0, 219.0 -> 131.0, 219.0 -> 69.0, 311.0 -> 155.0



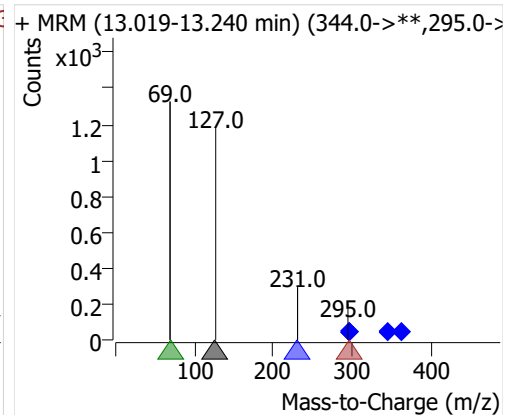
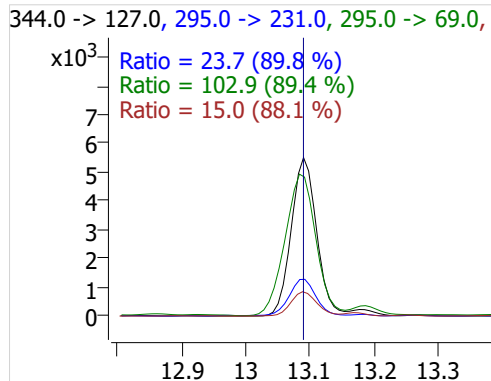
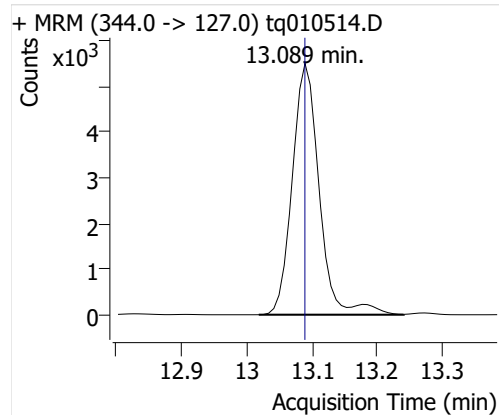
+ MRM (11.693-11.886 min) (299.0->**,219.0->**)



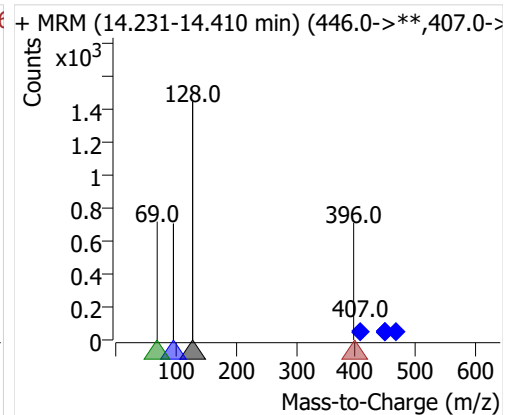
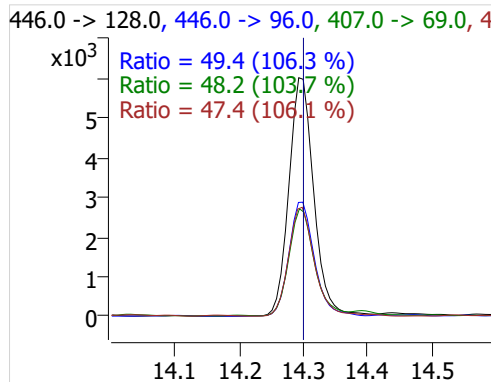
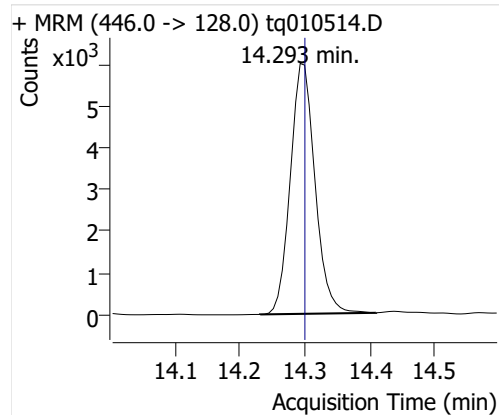
7:2s FTOH



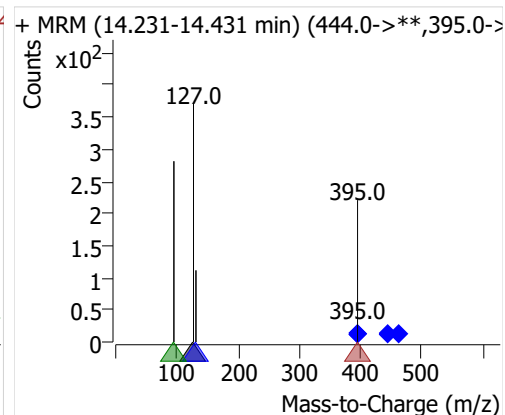
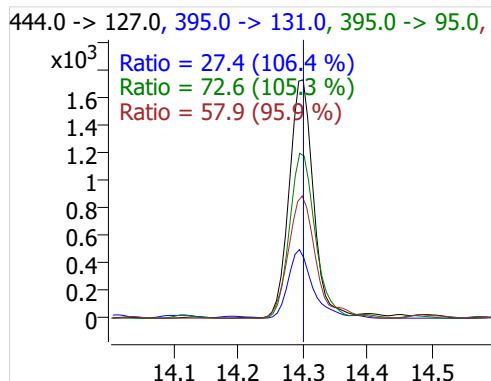
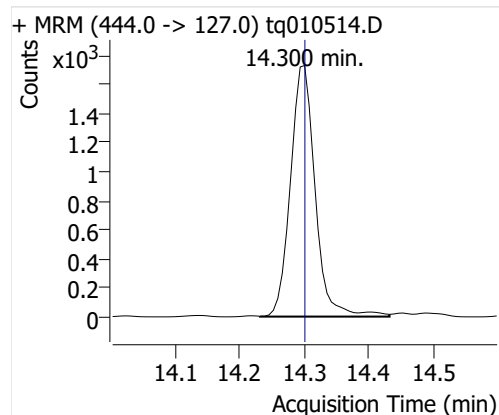
6:2 FTOH



8:2 FTOH-C13

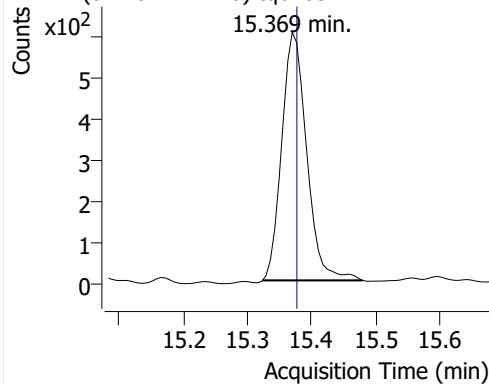


8:2 FTOH

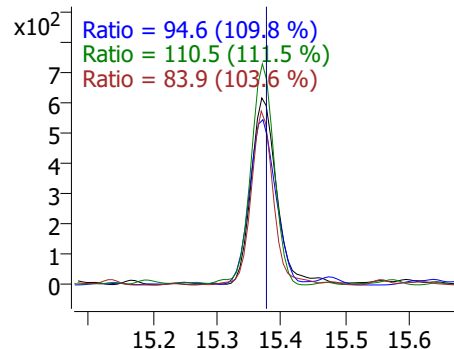


10:2 FTOH

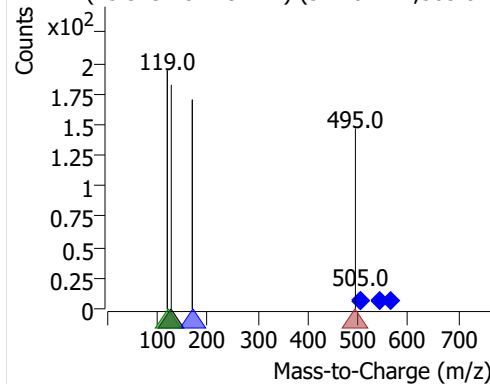
+ MRM (544.0 -> 127.0) tq010514.D



544.0 -> 127.0, 505.0 -> 169.0, 505.0 -> 119.0,

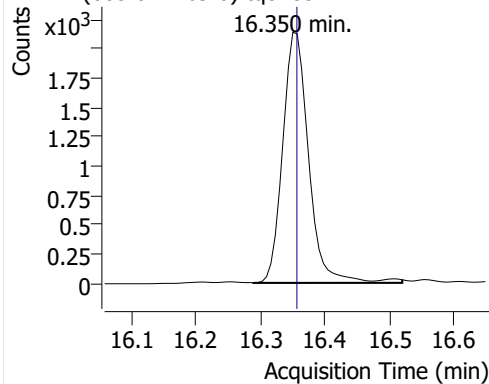


+ MRM (15.323-15.479 min) (544.0->**,505.0->

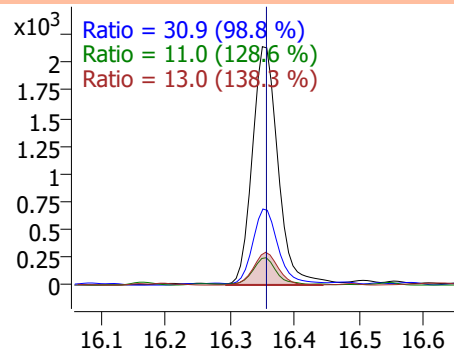


12:2 FTOH

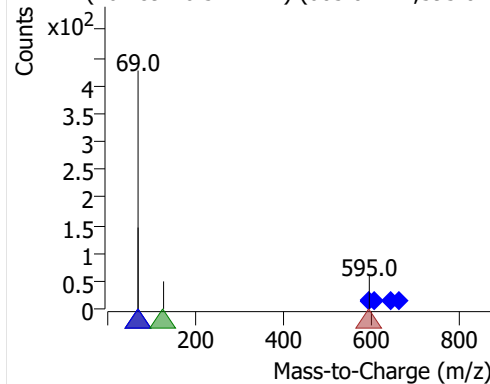
+ MRM (605.0 -> 69.0) tq010514.D



605.0 -> 69.0, 595.0 -> 69.0, 644.0 -> 127.0, 6

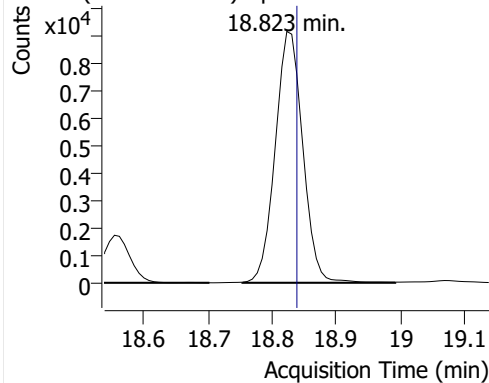


+ MRM (16.289-16.521 min) (605.0->**,595.0->

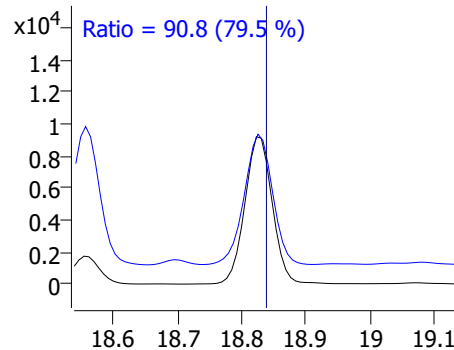


NMeFOSA

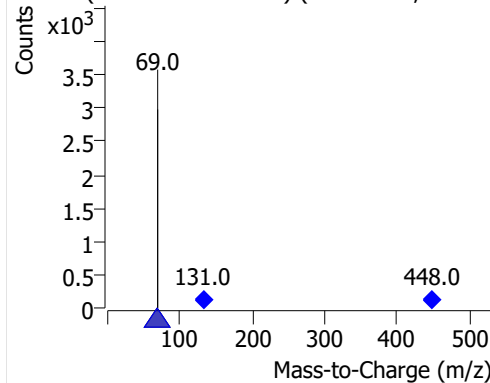
+ MRM (448.0 -> 69.0) tq010514.D



448.0 -> 69.0, 131.0 -> 69.0

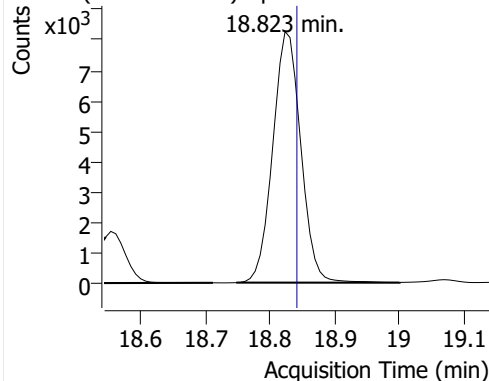


+ MRM (18.753-18.991 min) (448.0->**,131.0->

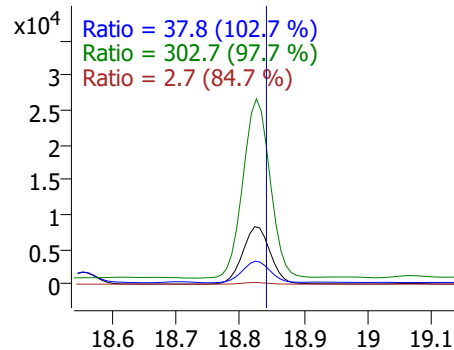


NetFOSA

+ MRM (448.0 -> 69.0) tq010514.D



448.0 -> 69.0, 219.0 -> 69.0, 108.0 -> 80.0, 513



+ MRM (18.748-19.000 min) (448.0->**,219.0->

