Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
Data File : VX032215.D
Acq On : 19 Oct 2022 18:09
Operator : JC/MD
Sample : N5114-04 10X
Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Quant Time: Oct 19 19:43:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	151781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107837	54.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.220%			
35) Dibromofluoromethane	5.391	113	83257	49.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.647	98	304908	50.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.079	95	112558	51.169	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.340%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.379	83	8348	3.255	ug/l	86
52) Toluene	8.720	92	353102	87.610	ug/l	99
68) m/p-Xylenes	10.305	106	3340	1.089	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	7871m	1.265	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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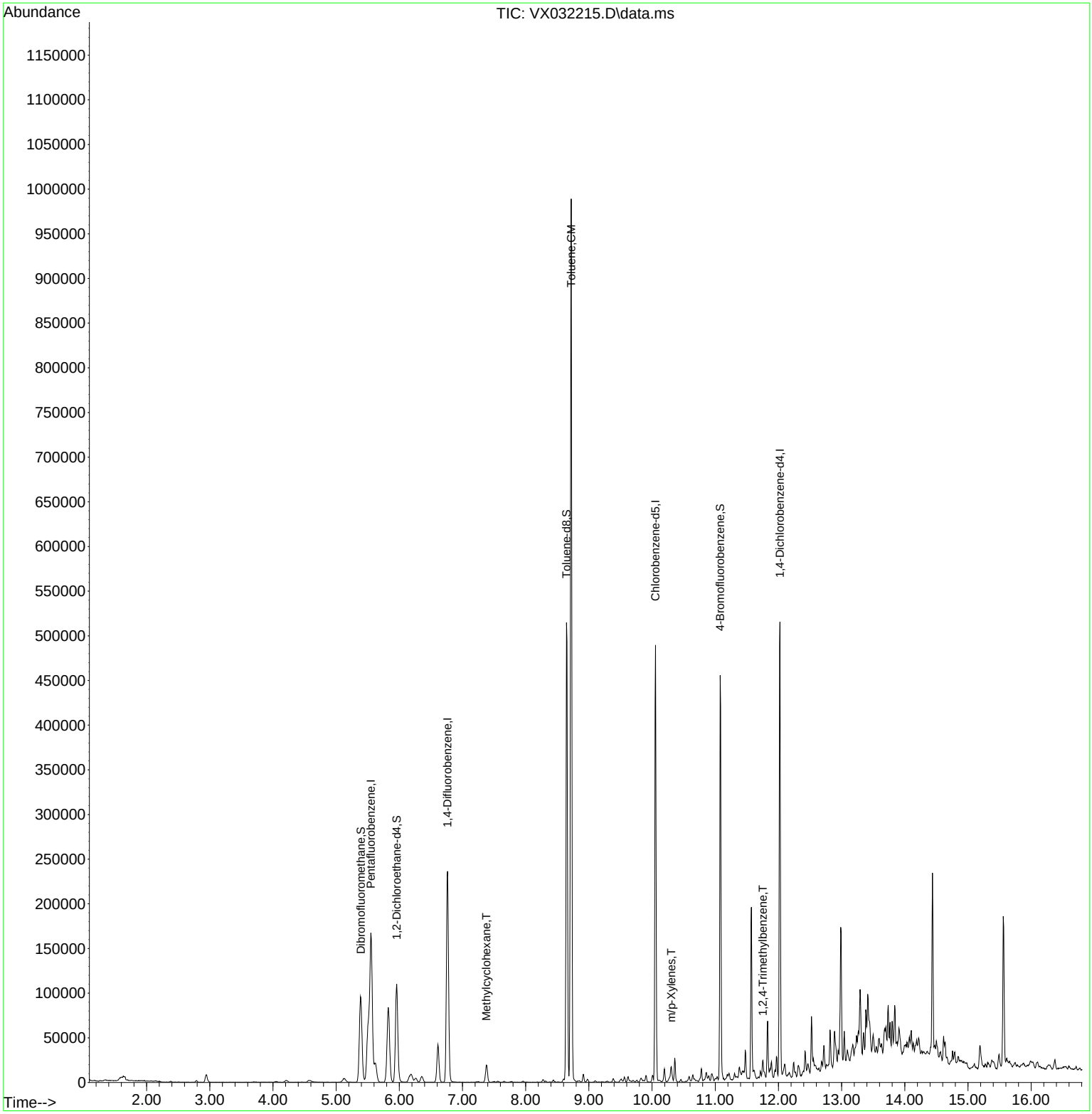
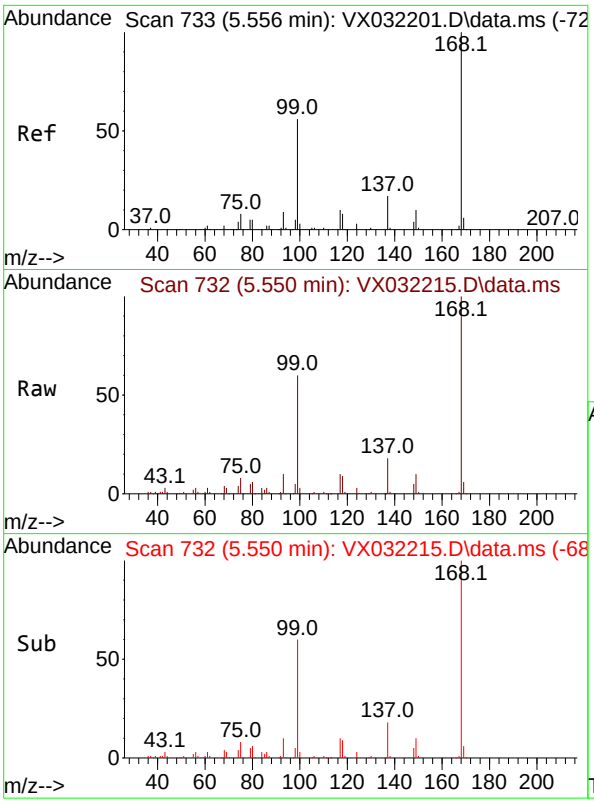


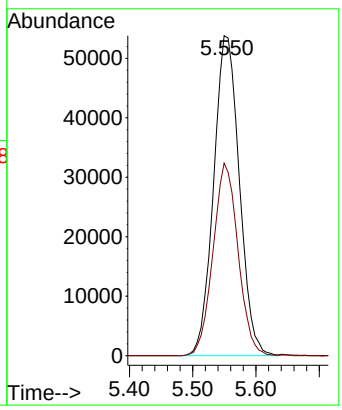


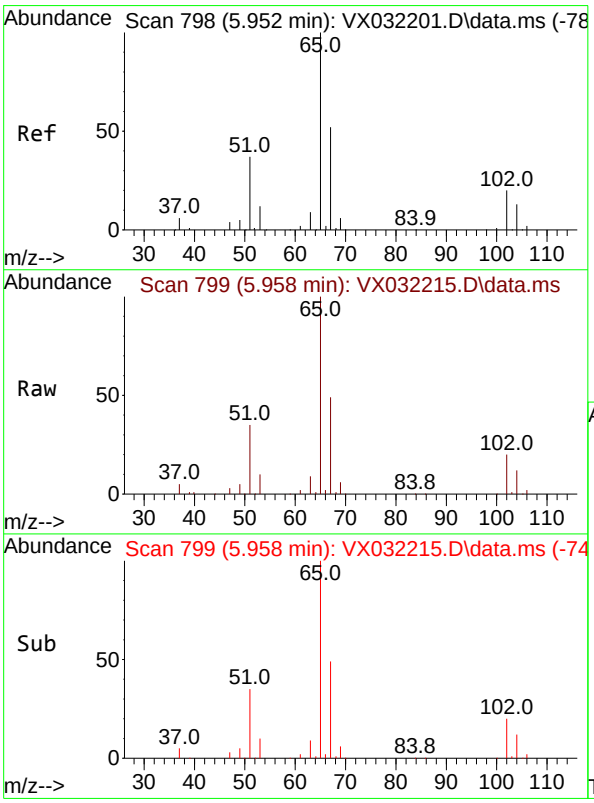
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion:168 Resp: 151781

Ion	Ratio	Lower	Upper
168	100		
99	60.1	44.8	67.2

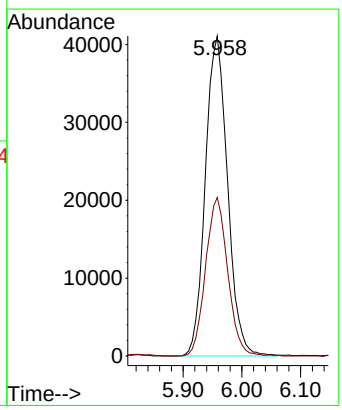


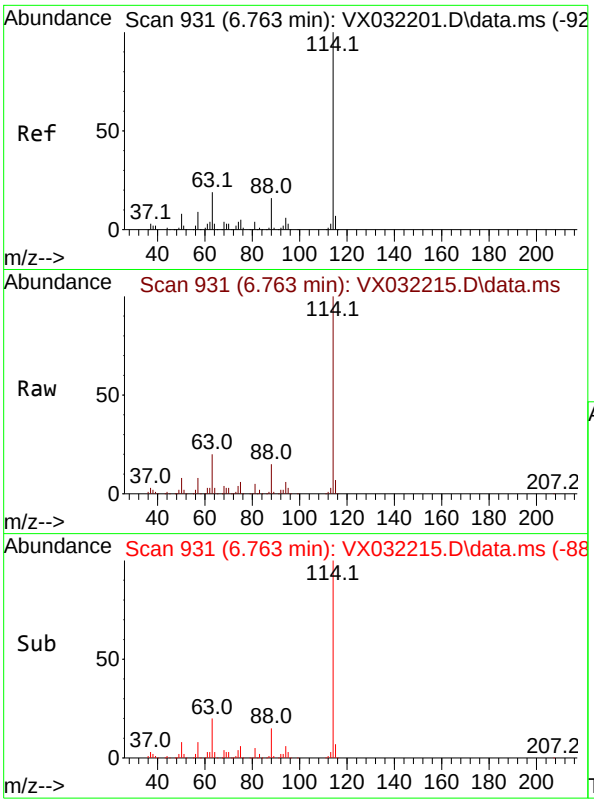


#33
1,2-Dichloroethane-d4
Concen: 54.614 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion: 65 Resp: 107837

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	103.6



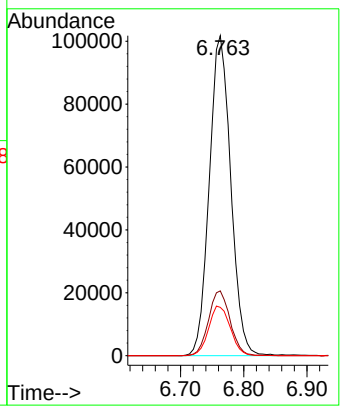


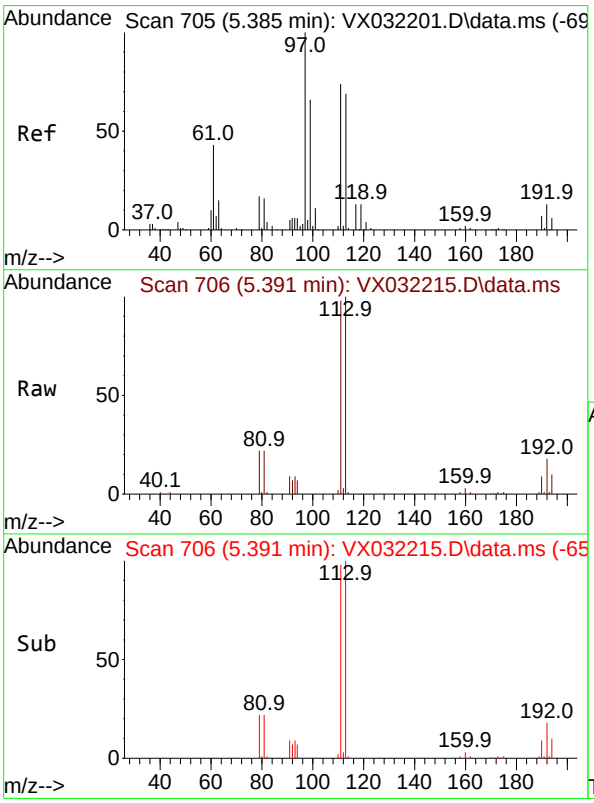
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion:114 Resp: 239817

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.6
88	15.1	0.0	32.6

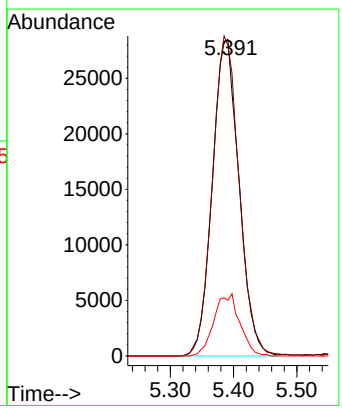


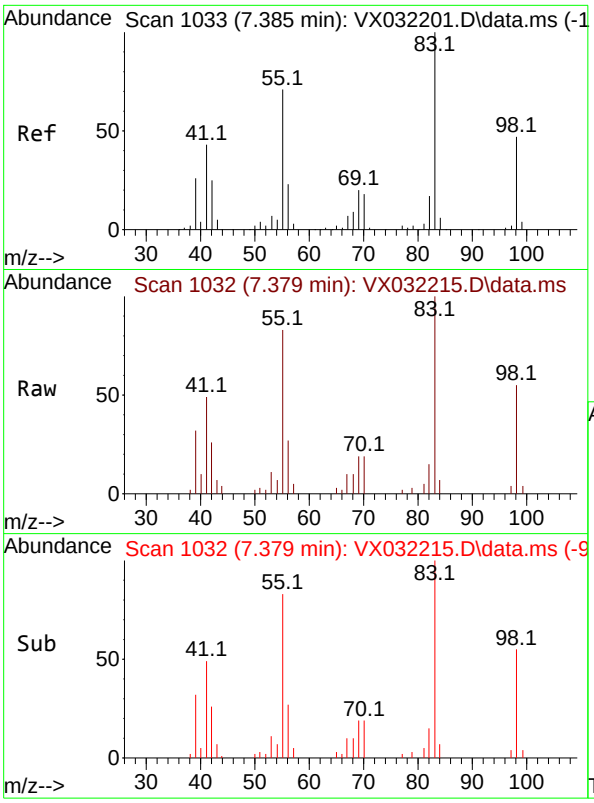


#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion:113 Resp: 83257

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.8	124.2
192	19.1	15.5	23.3



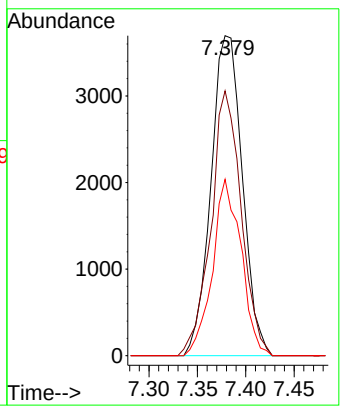


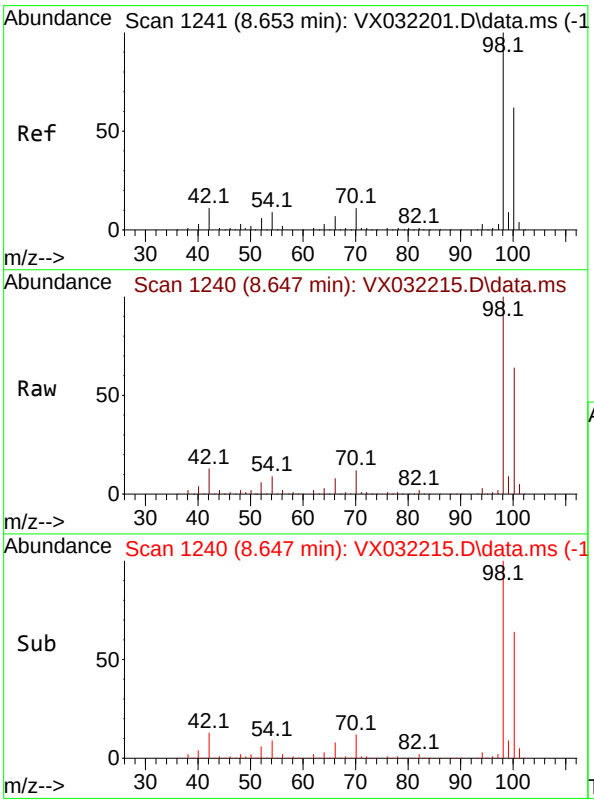
#39
Methylcyclohexane
Concen: 3.255 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion: 83 Resp: 8348

Ion	Ratio	Lower	Upper
83	100		
55	82.8	56.6	85.0
98	55.1	37.4	56.0

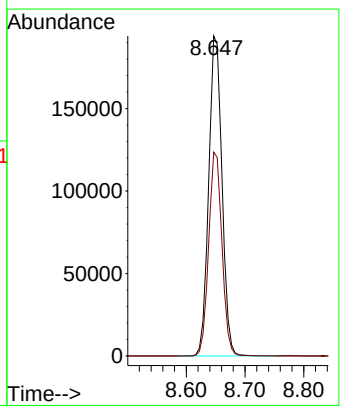


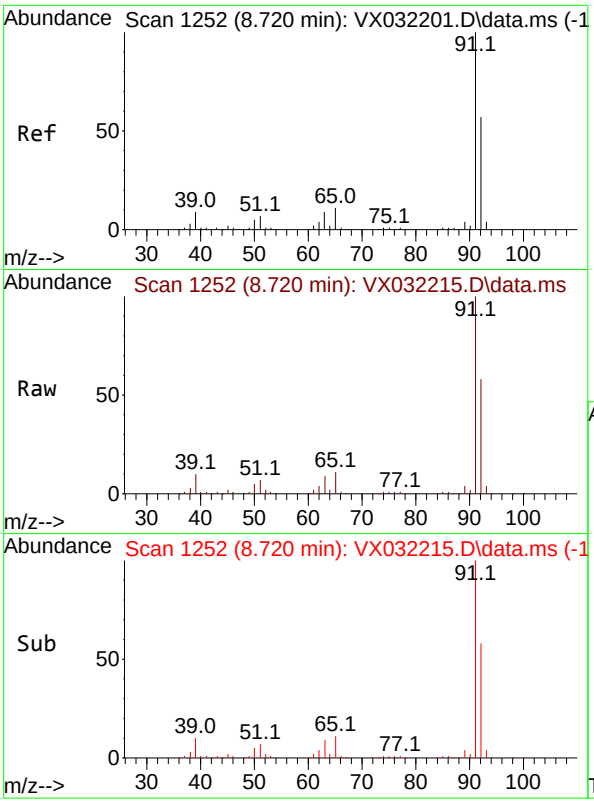


#50
Toluene-d8
Concen: 50.757 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion: 98 Resp: 304908

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1



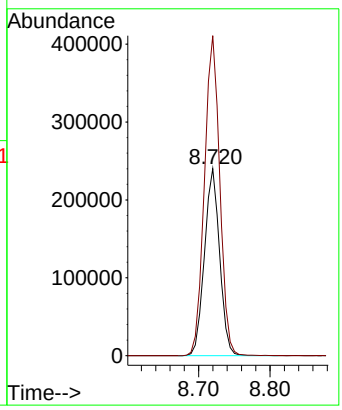


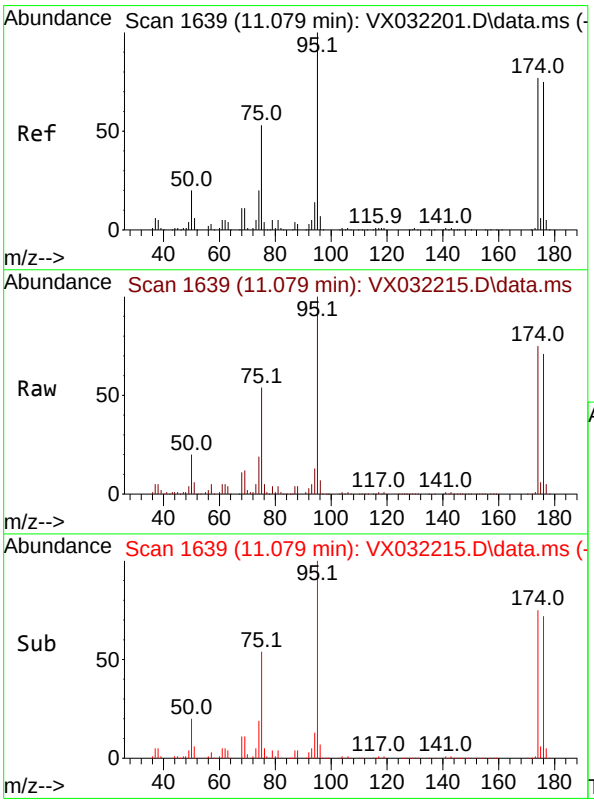
#52
Toluene
Concen: 87.610 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion: 92 Resp: 353102

Ion	Ratio	Lower	Upper
92	100		
91	173.6	140.3	210.5

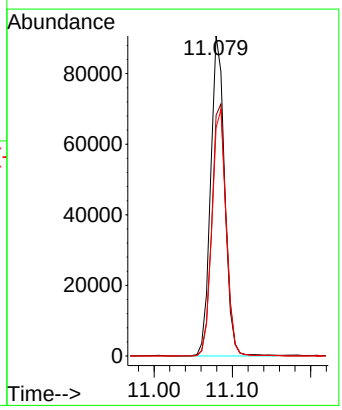


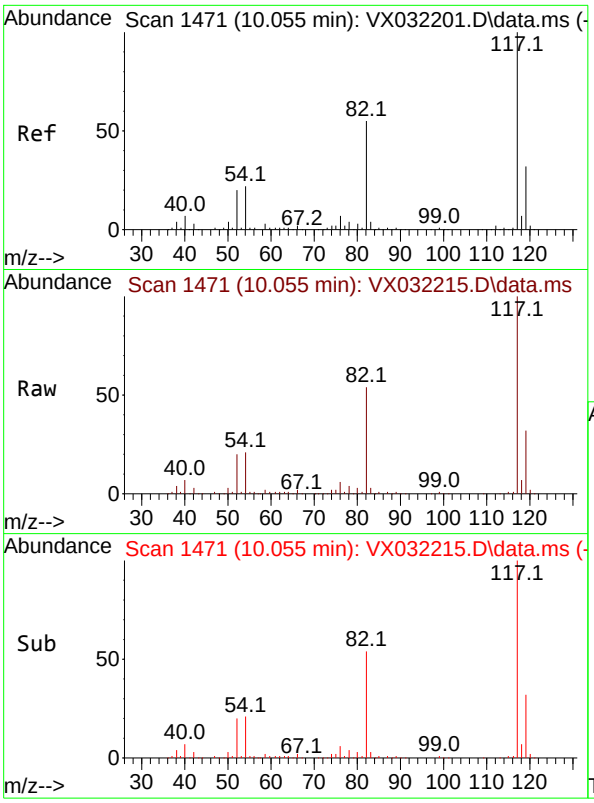


#62
4-Bromofluorobenzene
Concen: 51.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion: 95 Resp: 112558

Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	166.8
176	77.5	0.0	161.4



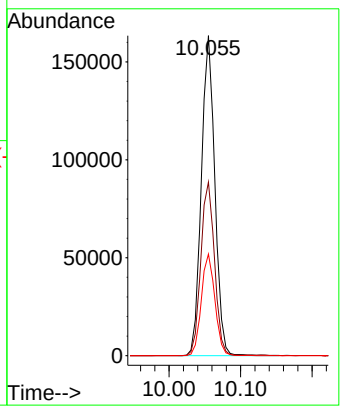


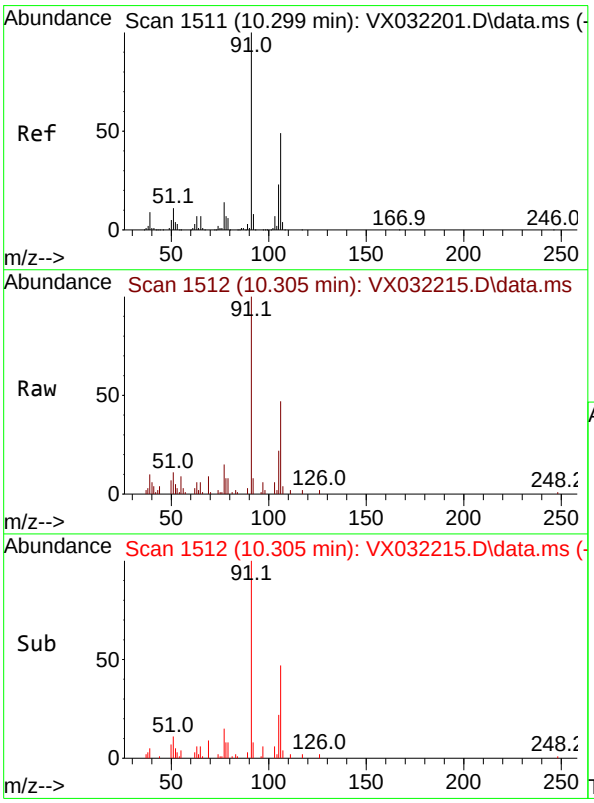
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion:117 Resp: 213996

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.2	66.4
119	31.7	25.8	38.8

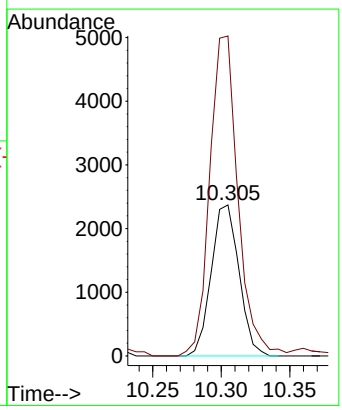


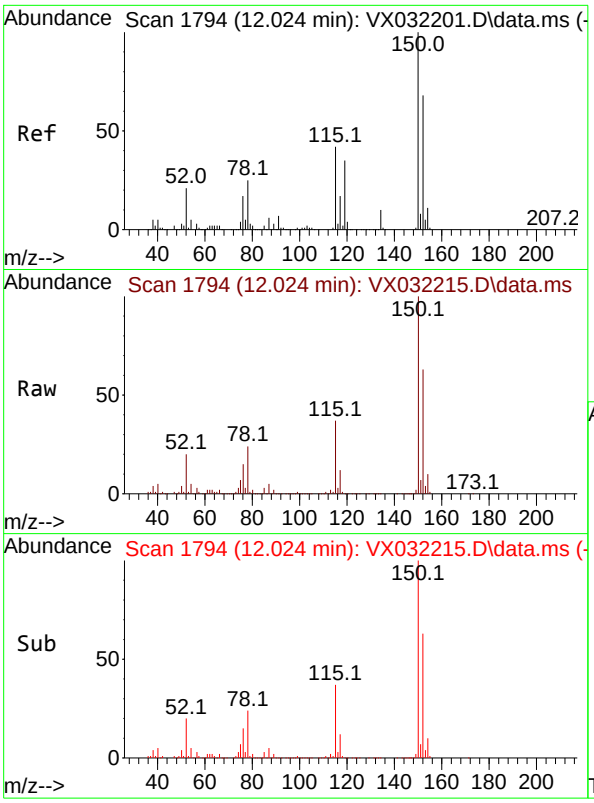


#68
m/p-Xylenes
Concen: 1.089 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion:106 Resp: 3340

Ion	Ratio	Lower	Upper
106	100		
91	215.1	162.6	244.0



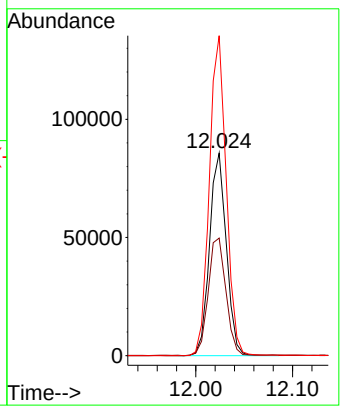


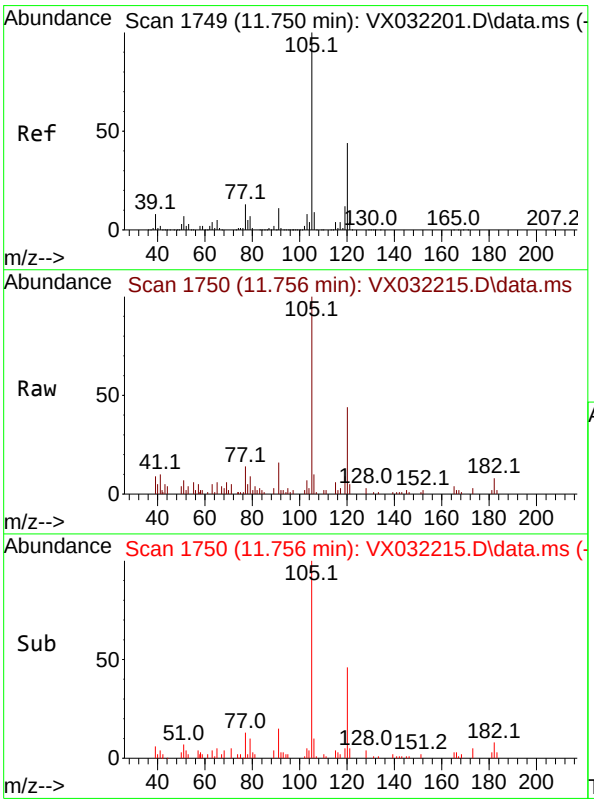
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Instrument :
MSVOA_X
ClientSampleId :
FMC-0095

Tgt Ion:152 Resp: 103821

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.1	129.4
150	158.2	0.0	348.6





#84
1,2,4-Trimethylbenzene
Concen: 1.265 ug/l m
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032215.D
Acq: 19 Oct 2022 18:09

Tgt Ion:105 Resp: 7871

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.1	66.1#