Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
Data File : VX032655.D
Acq On : 08 Nov 2022 15:40
Operator : JC/MD
Sample : N5514-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Quant Time: Nov 09 04:39:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74917	49.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.740%			
35) Dibromofluoromethane	5.385	113	59078	46.093	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.180%			
50) Toluene-d8	8.647	98	217660	48.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.079	95	82134	47.178	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.360%			
Target Compounds						Qvalue
16) Acetone	2.373	43	645	1.169	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	41612	10.810	ug/l	99
22) Diisopropyl ether	3.763	45	1413	0.374	ug/l #	90
30) Chloroform	5.098	83	3274	1.374	ug/l	97
42) 1,2-Dichloroethane	6.098	62	4549	2.203	ug/l	98

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

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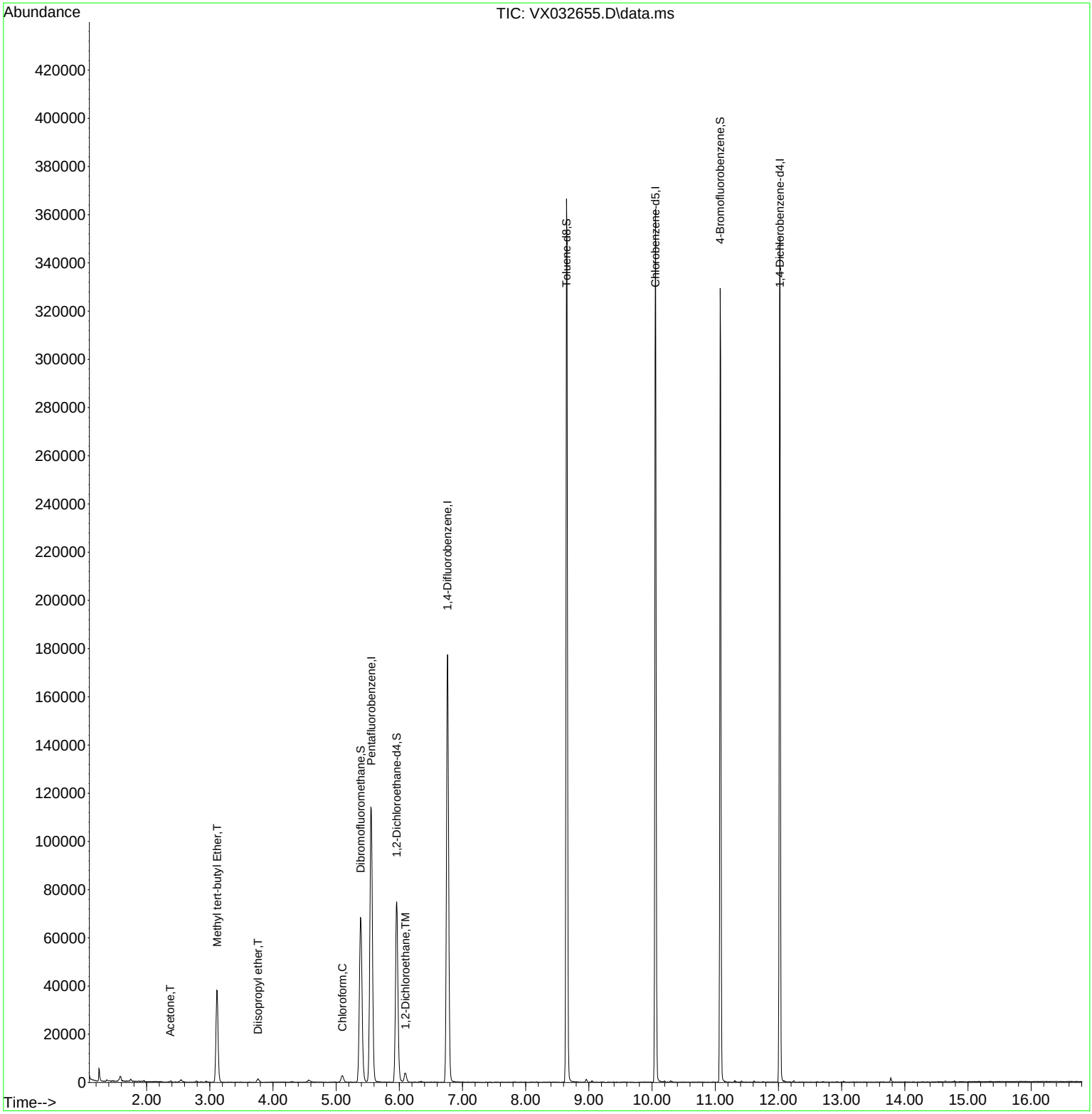
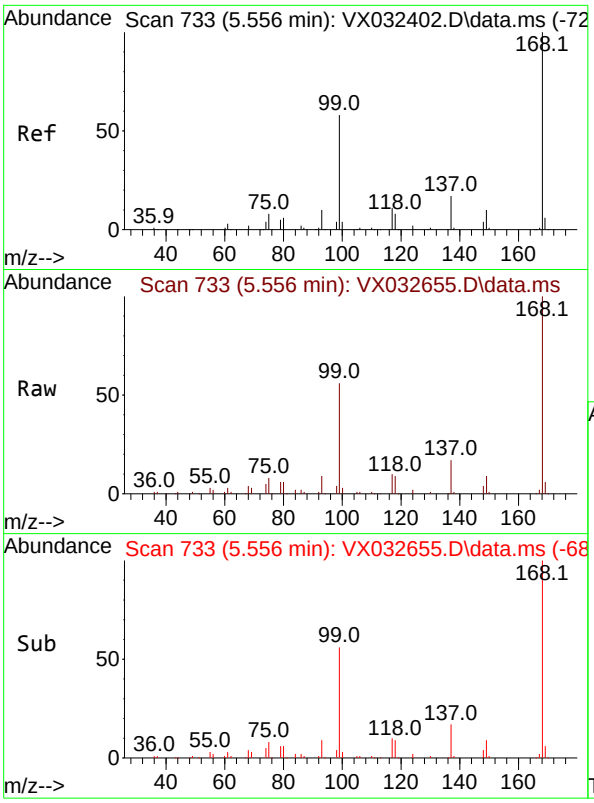


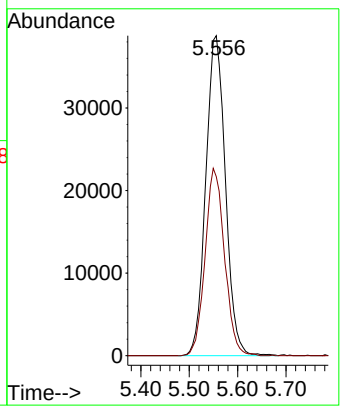


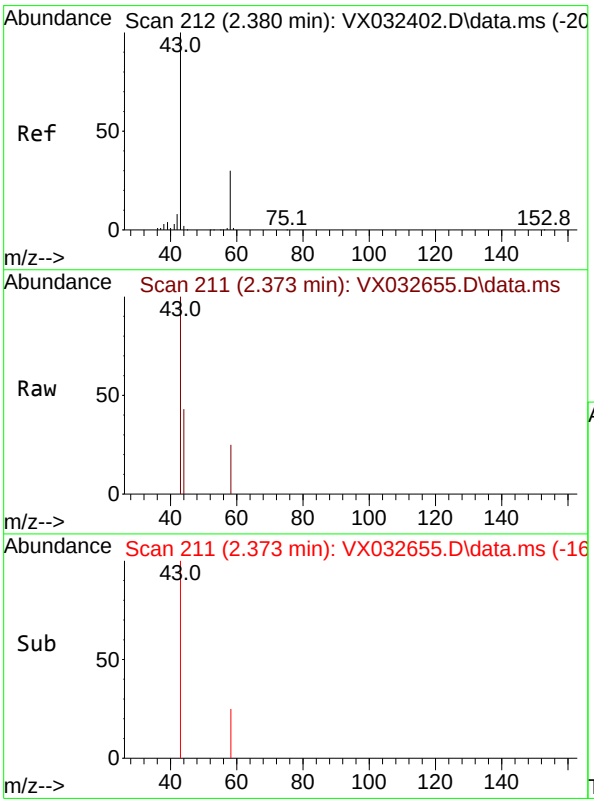
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion:168 Resp: 109211

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.1	69.1

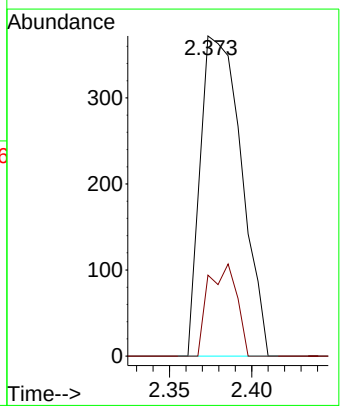


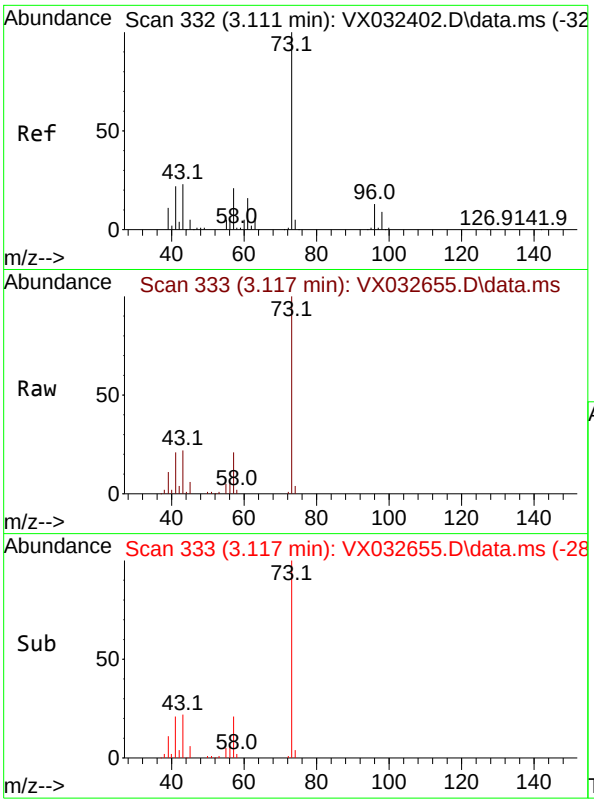


#16
Acetone
Concen: 1.169 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 43 Resp: 645

Ion	Ratio	Lower	Upper
43	100		
58	25.3	23.8	35.8



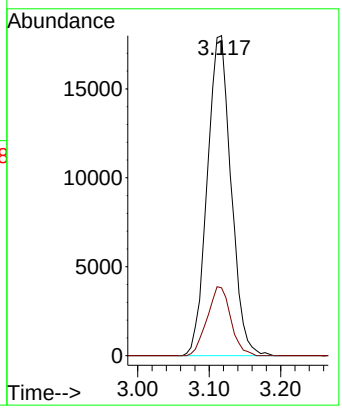


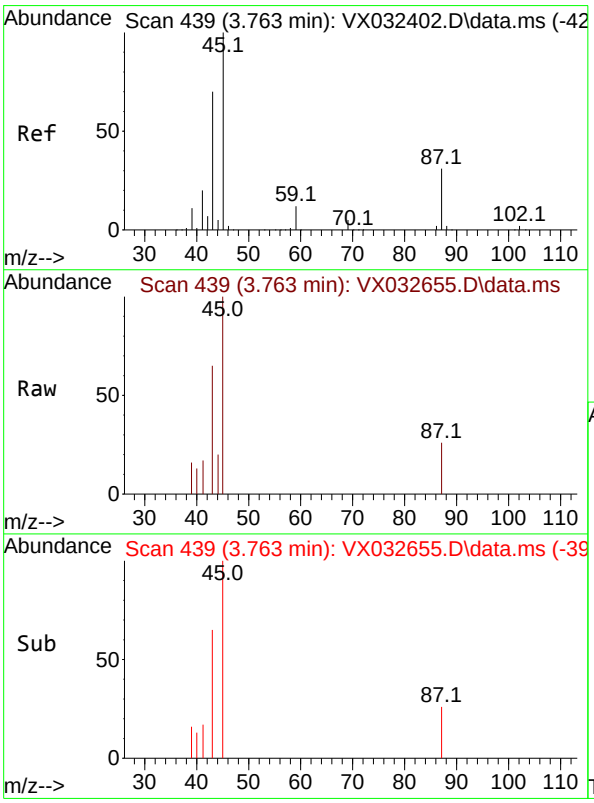
#19
Methyl tert-butyl Ether
Concen: 10.810 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 73 Resp: 41612

Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.6	25.0

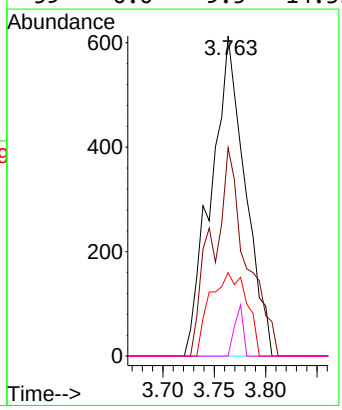


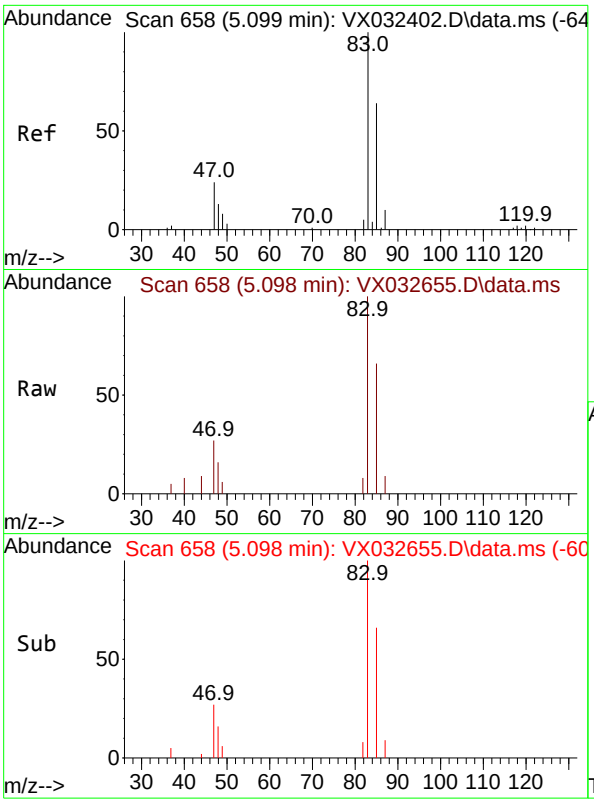


#22
Diisopropyl ether
Concen: 0.374 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 45 Resp: 1413

Ion	Ratio	Lower	Upper
45	100		
43	65.1	56.4	84.6
87	26.1	24.4	36.6
59	0.0	9.5	14.3#



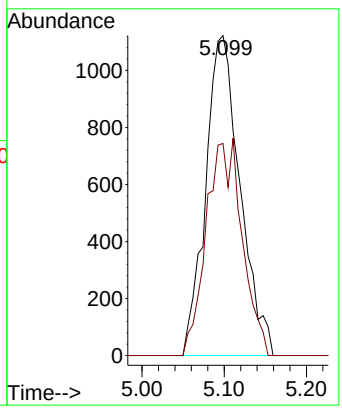


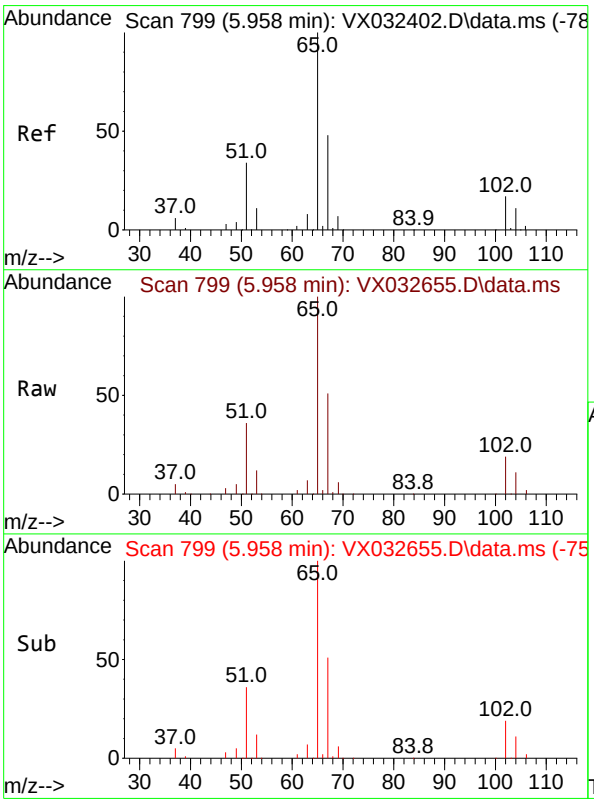
#30
Chloroform
Concen: 1.374 ug/l
RT: 5.098 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 83 Resp: 3274

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.1	76.7

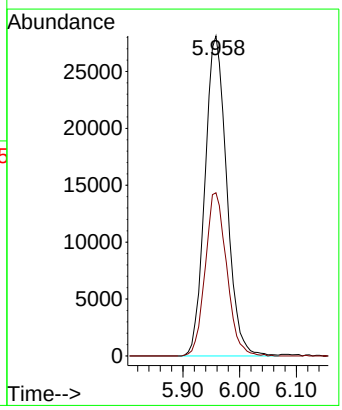


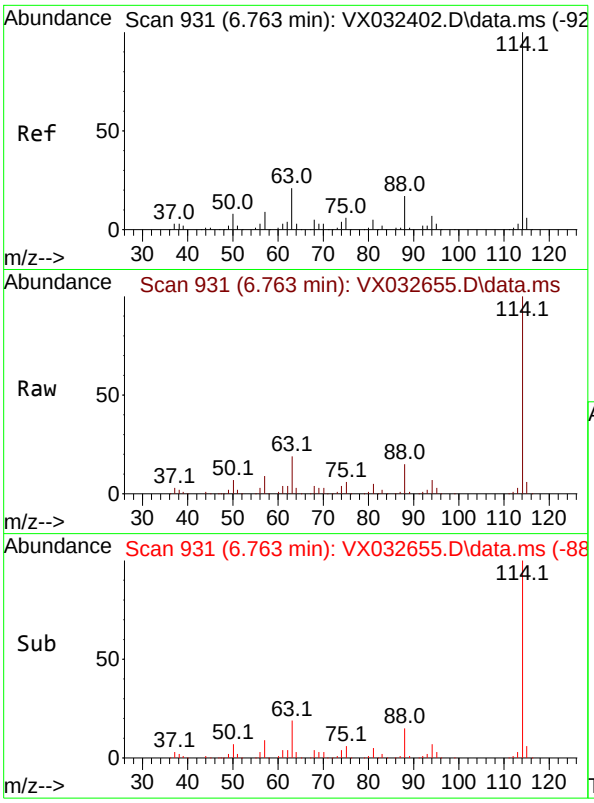


#33
1,2-Dichloroethane-d4
Concen: 49.370 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 65 Resp: 74917

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.8



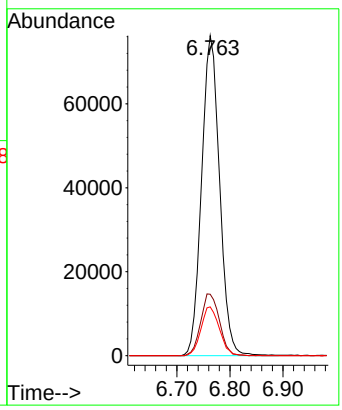


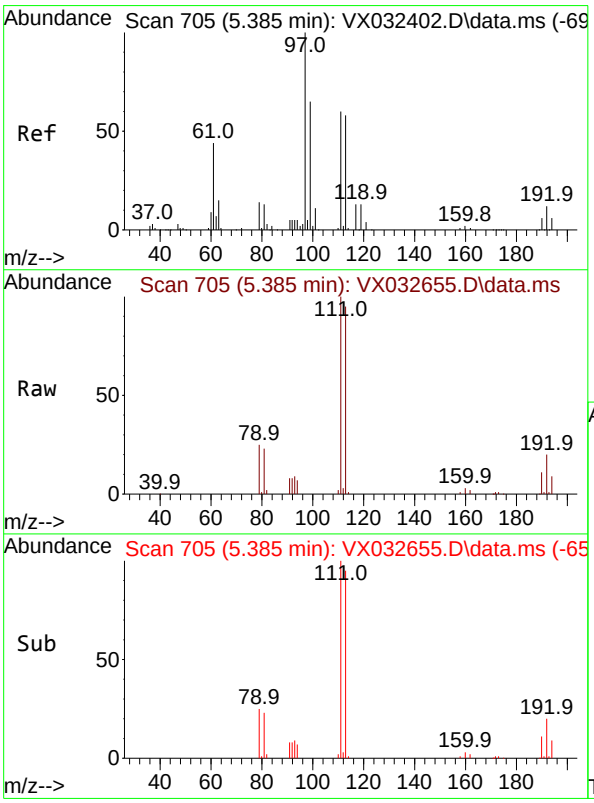
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion:114 Resp: 179687

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	15.2	0.0	33.4

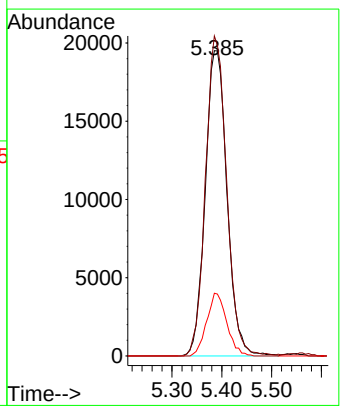


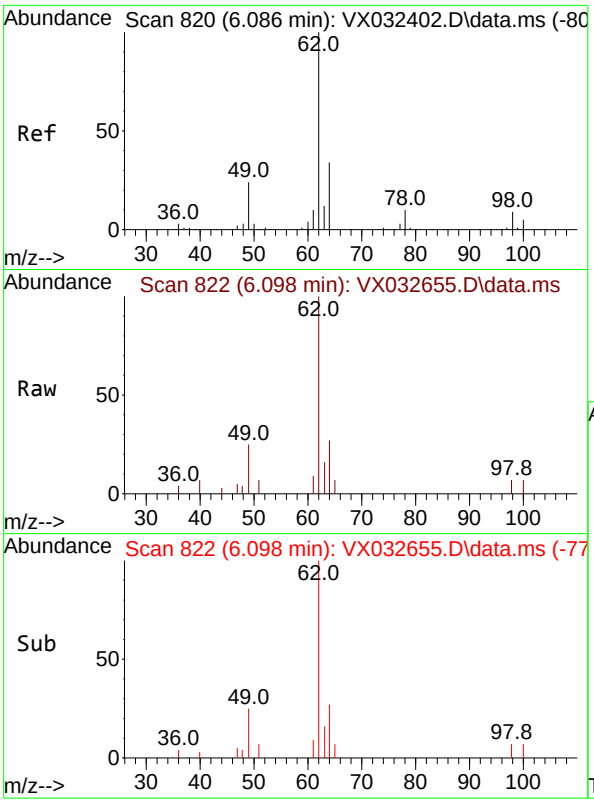


#35
Dibromofluoromethane
Concen: 46.093 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion:113 Resp: 59078

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	19.0	15.4	23.2



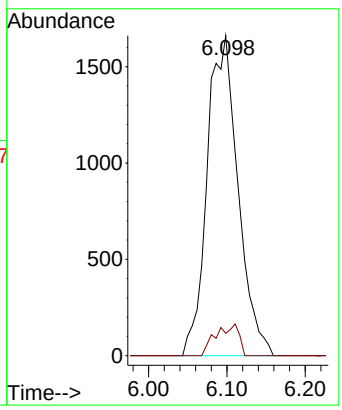


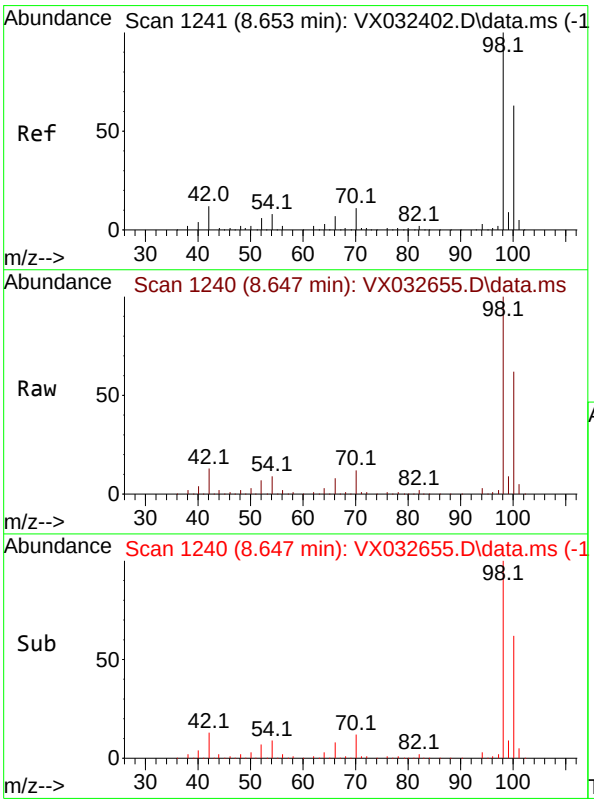
#42
1,2-Dichloroethane
Concen: 2.203 ug/l
RT: 6.098 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 62 Resp: 4549

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.0

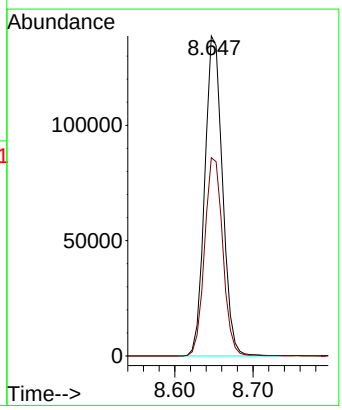


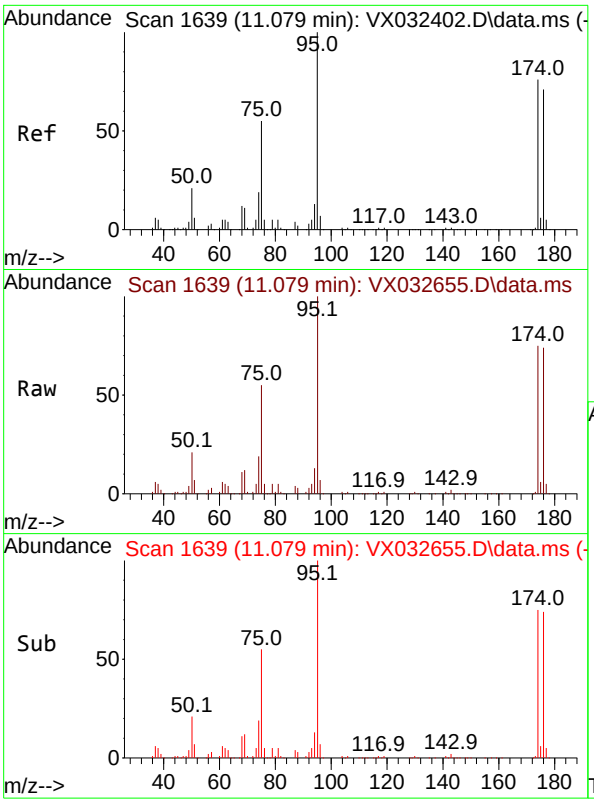


#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion: 98 Resp: 217660

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3



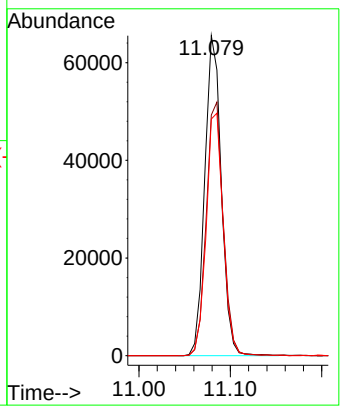


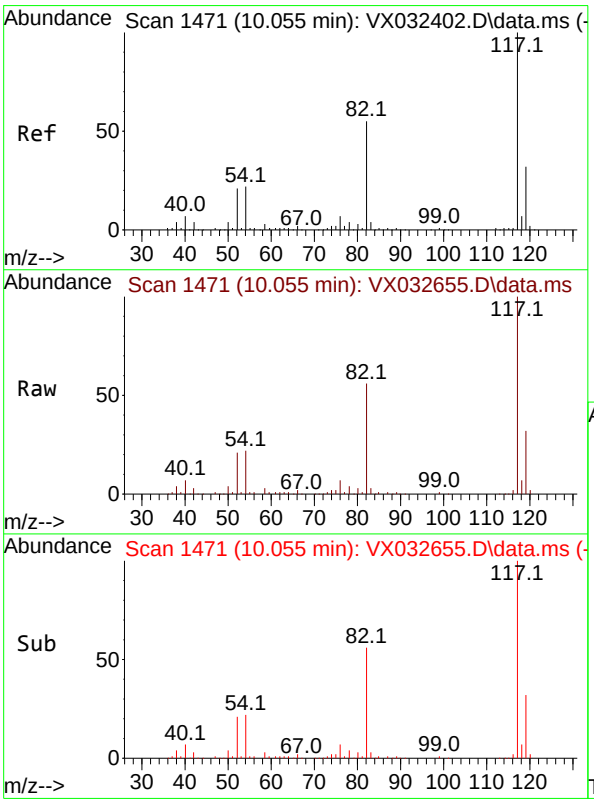
#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion: 95 Resp: 82134

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	164.0
176	78.2	0.0	154.4

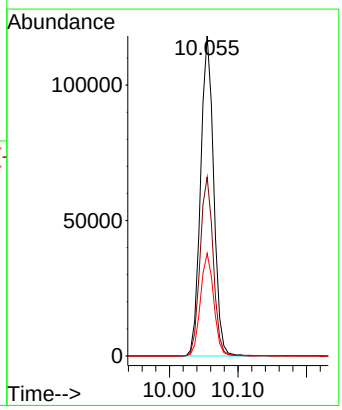


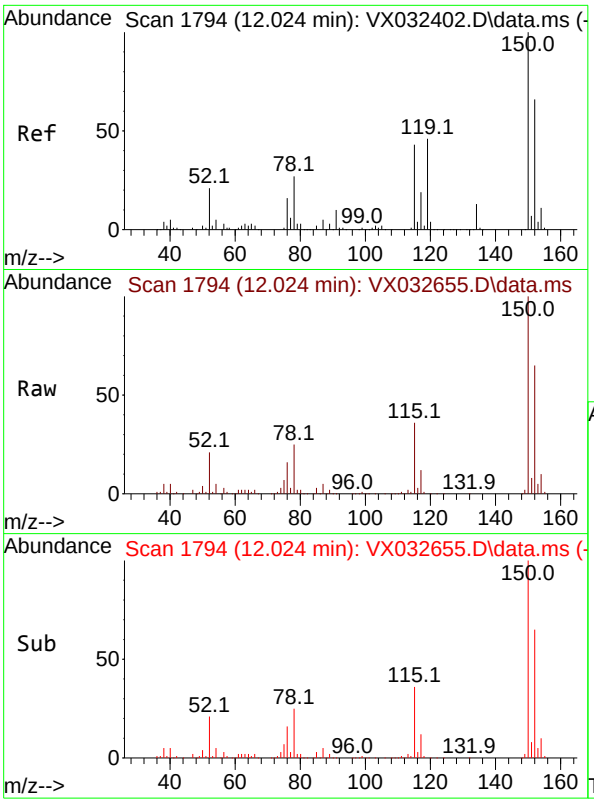


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Tgt Ion:117 Resp: 157482

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.1	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032655.D
Acq: 08 Nov 2022 15:40

Instrument :
MSVOA_X
ClientSampleId :
MW-19R

Tgt Ion:152 Resp: 72049

Ion	Ratio	Lower	Upper
152	100		
115	59.6	44.0	132.0
150	154.7	0.0	351.8