Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012138.D
Acq On : 06 Sep 2019 09:51
Operator : SY/SP
Sample : K4580-13
Misc : 3.55g/5.0mL/MSVOA_X/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-12-C2-(3.5)

Quant Time: Sep 06 11:48:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	141607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100240	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
35) Dibromofluoromethane	5.48	113	73775	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
50) Toluene-d8	8.71	98	293077	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.44%			
62) 4-Bromofluorobenzene	11.13	95	111763	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.82%			
Target Compounds						Qvalue
16) Acetone	2.43	43	1626	3.482	ug/l	91
20) Methylene Chloride	2.84	84	13483	7.189	ug/l	95
29) Tetrahydrofuran	5.12	42	3636	10.151	ug/l #	82

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

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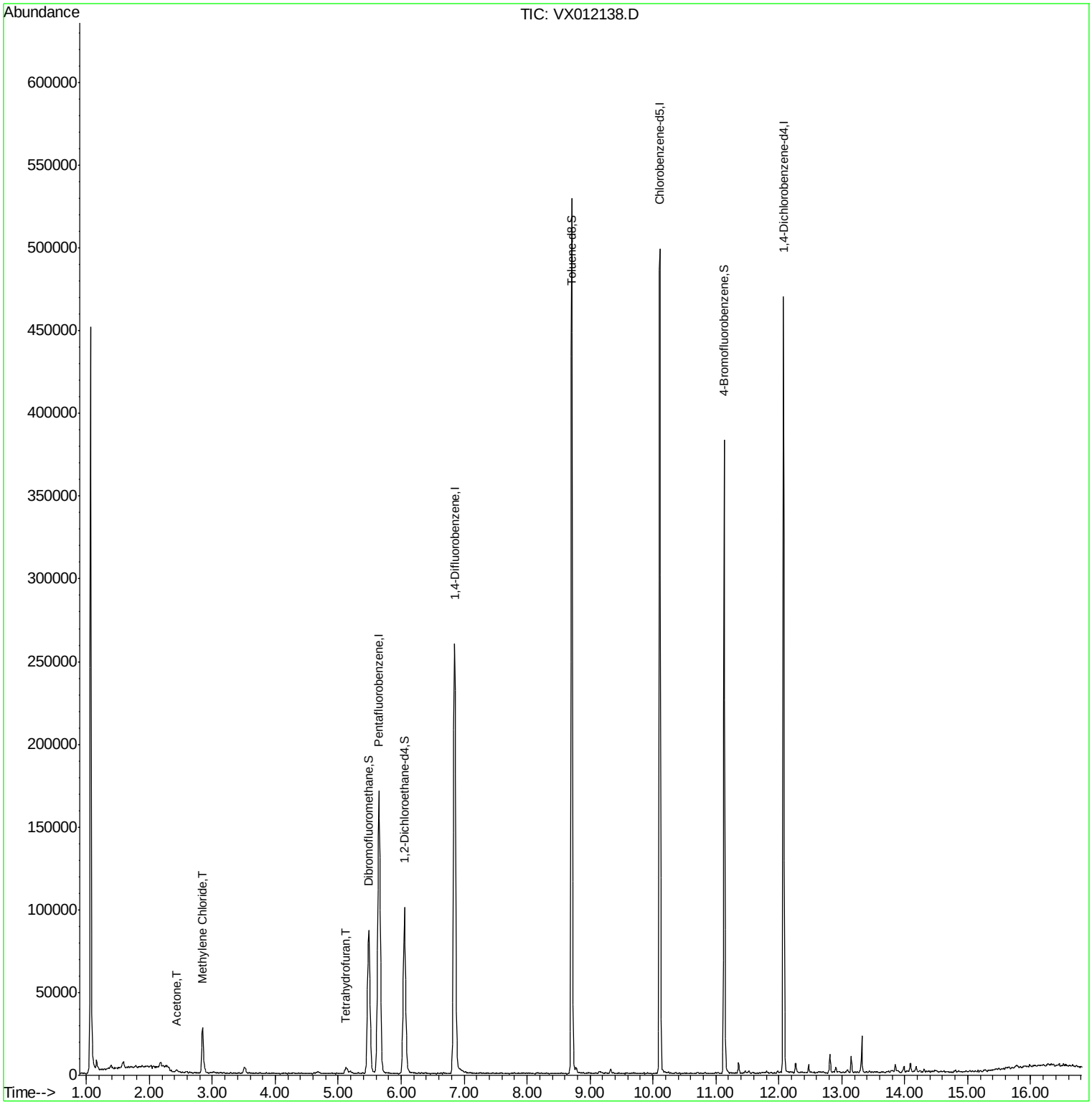
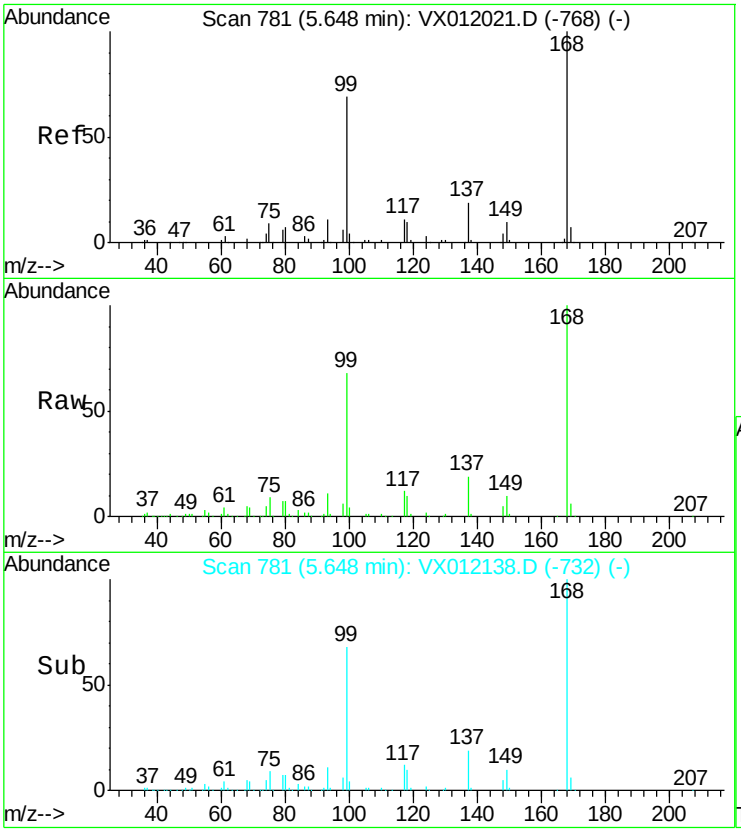


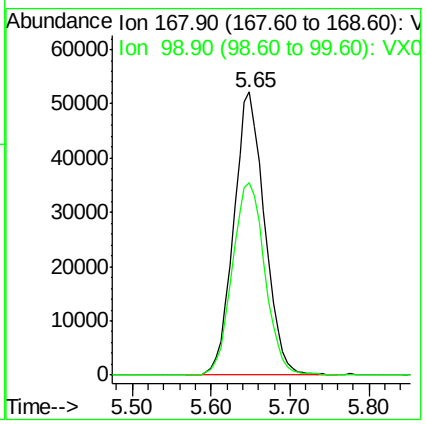


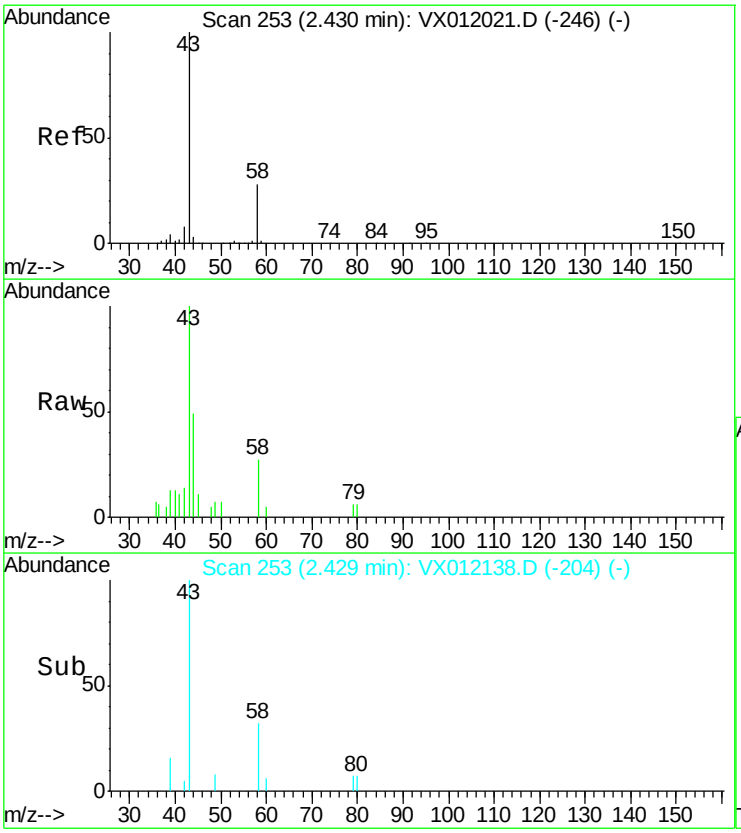
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion:168 Resp: 141607

Ion	Ratio	Lower	Upper
168	100		
99	68.0	37.6	56.4#

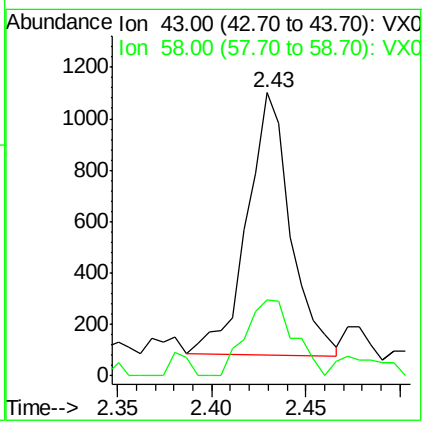


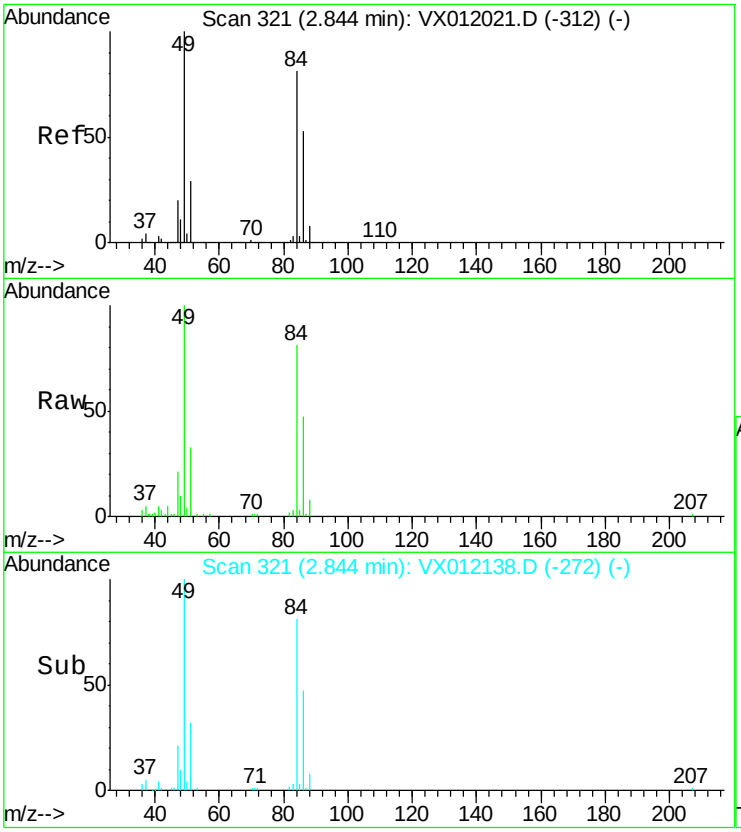


#16
Acetone
Concen: 3.482 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Tgt Ion: 43 Resp: 1626

Ion	Ratio	Lower	Upper
43	100		
58	23.9	22.8	34.2



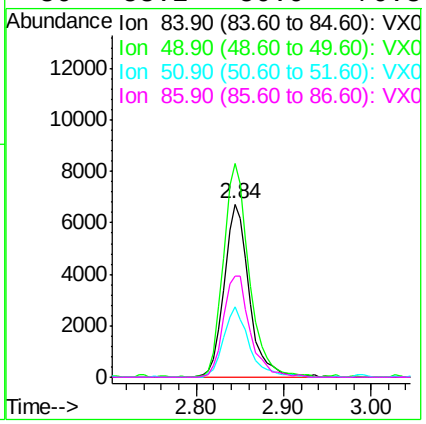


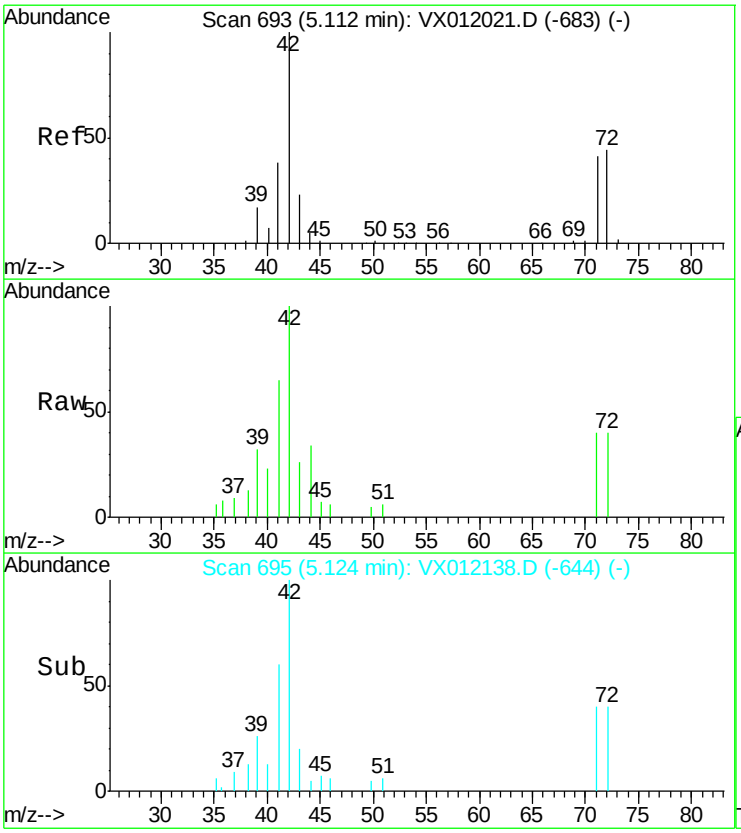
#20
Methylene Chloride
Concen: 7.189 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion: 84 Resp: 13483

Ion	Ratio	Lower	Upper
84	100		
49	123.3	95.8	143.8
51	40.7	28.6	43.0
86	58.2	50.9	76.3

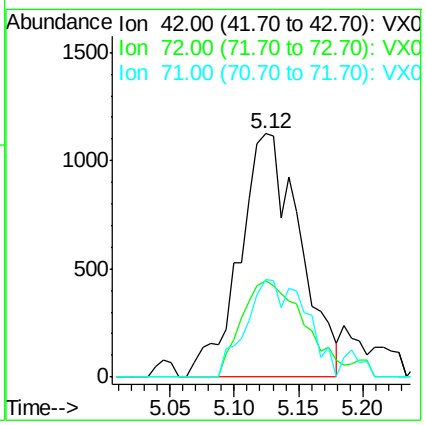


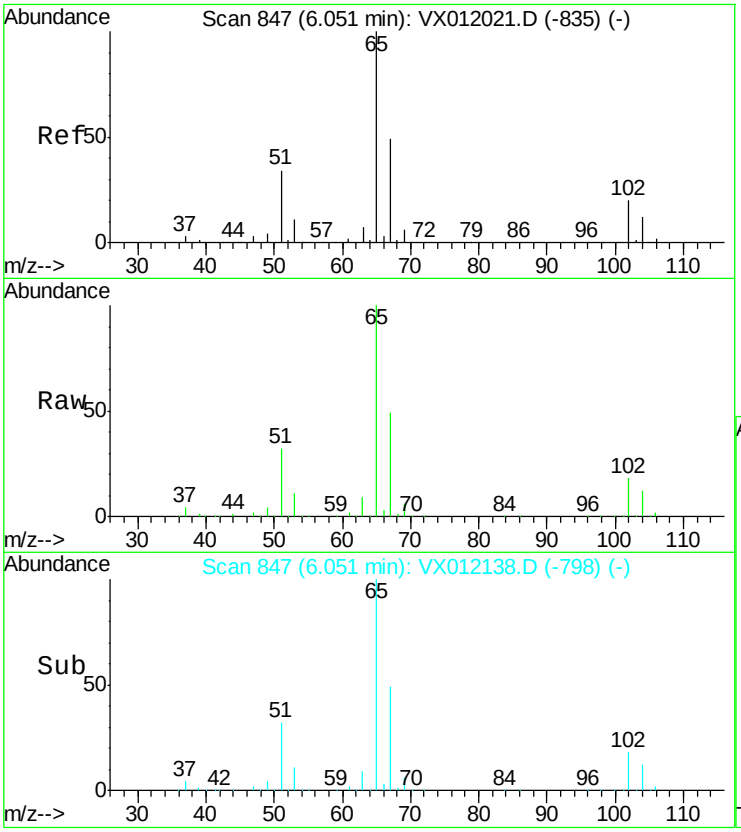


#29
Tetrahydrofuran
Concen: 10.151 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Tgt Ion: 42 Resp: 3636

Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.0	55.4
71	23.3	33.8	50.8#



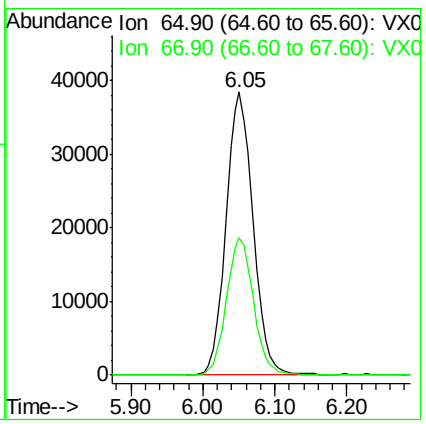


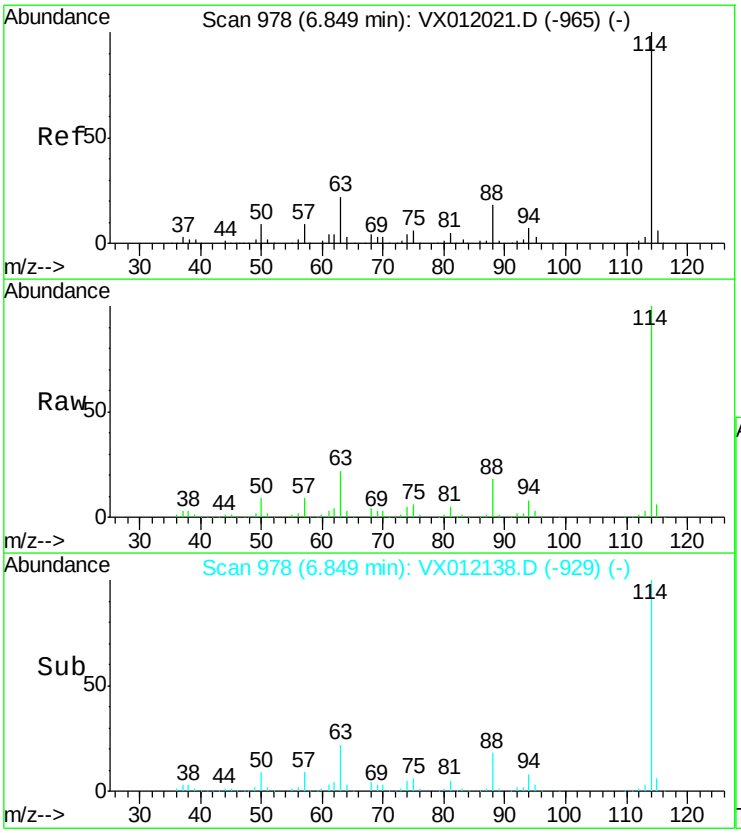
#33
1,2-Dichloroethane-d4
Concen: 51.303 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion: 65 Resp: 100240

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	102.0

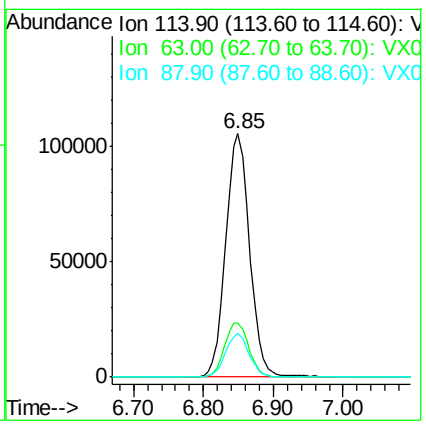


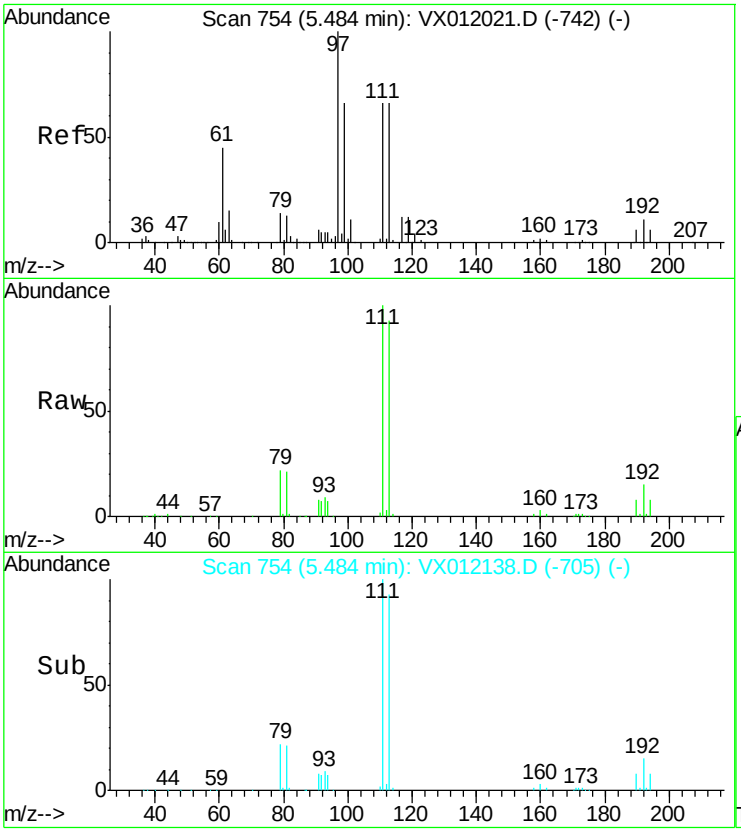


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Tgt Ion:114 Resp: 251090

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	37.4
88	18.1	0.0	29.6



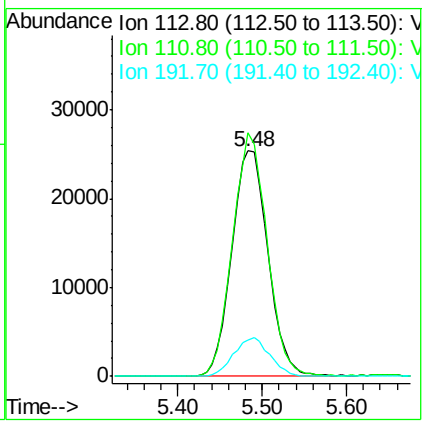


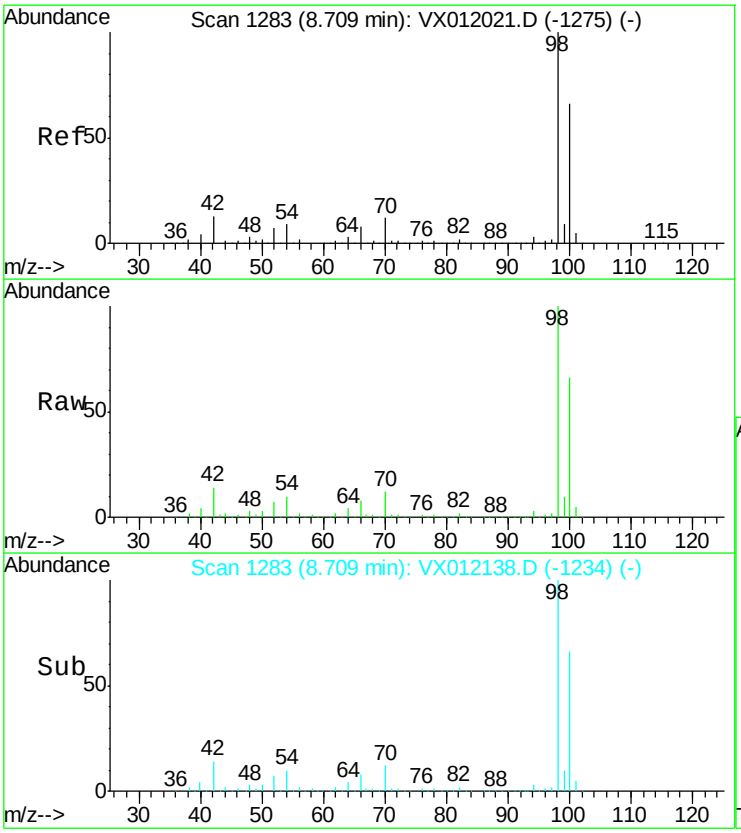
#35
Dibromofluoromethane
Concen: 47.778 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion:113 Resp: 73775

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.7	122.5
192	17.0	22.5	33.7#

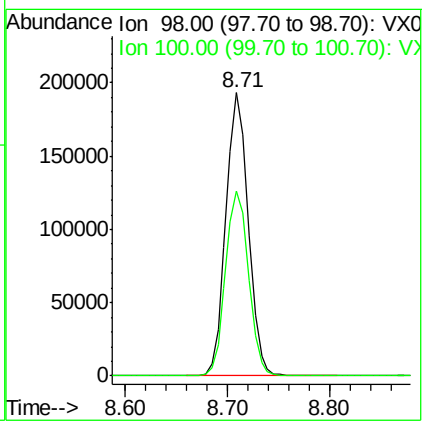


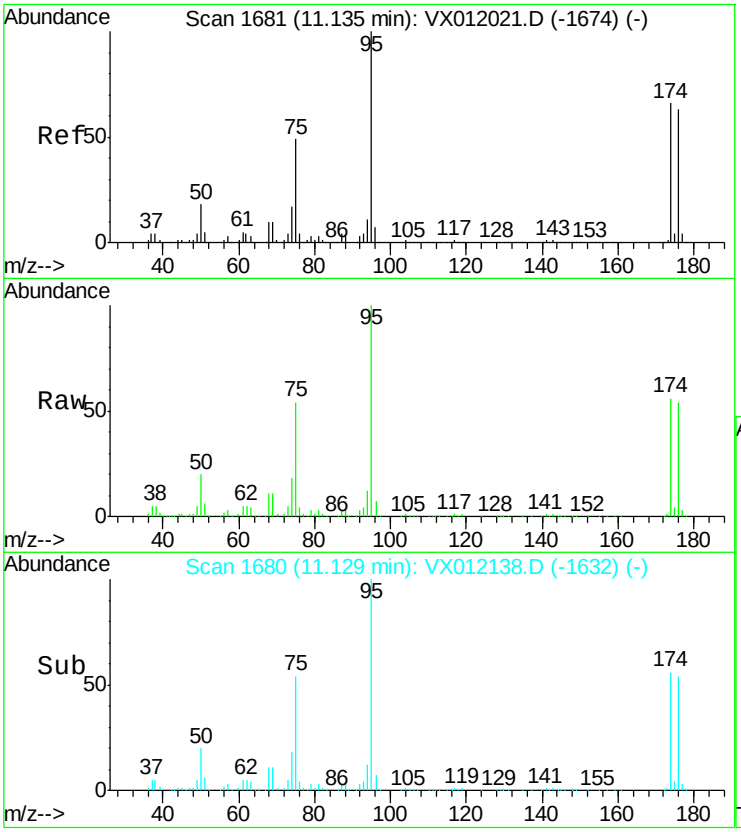


#50
Toluene-d8
Concen: 51.723 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Tgt Ion: 98 Resp: 293077

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9



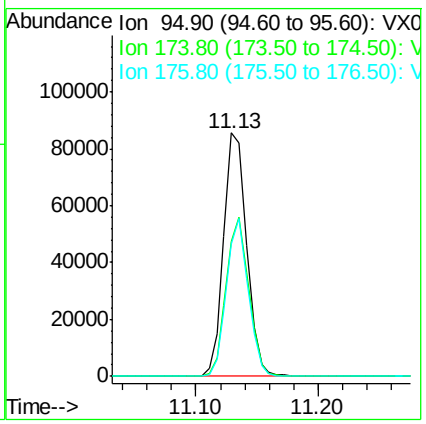


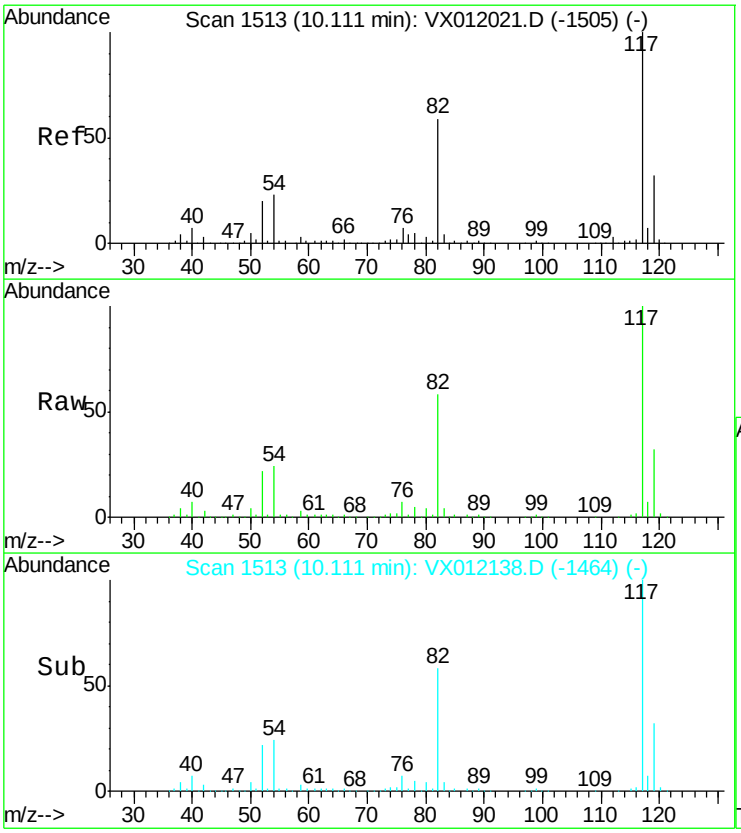
#62
4-Bromofluorobenzene
Concen: 42.412 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion: 95 Resp: 111763

Ion	Ratio	Lower	Upper
95	100		
174	64.0	0.0	205.4
176	61.1	0.0	201.8

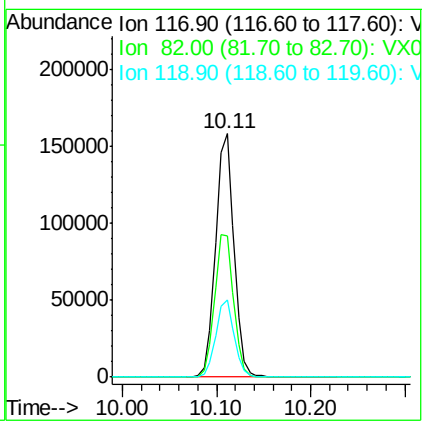


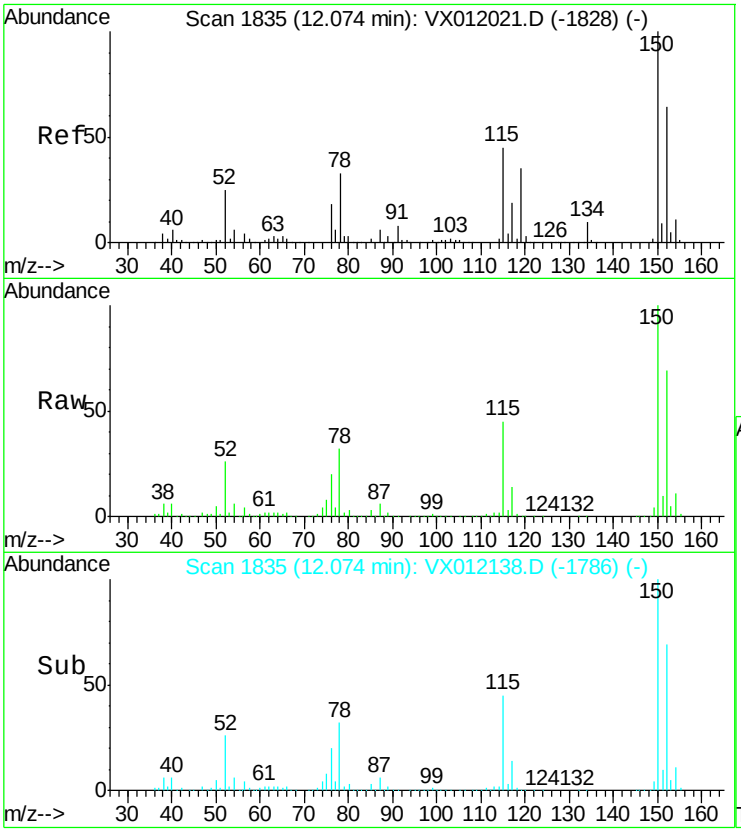


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Tgt Ion:117 Resp: 213649

Ion	Ratio	Lower	Upper
117	100		
82	58.0	39.4	59.0
119	32.0	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012138.D
Acq: 06 Sep 2019 09:51

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(3.5)

Tgt Ion:152 Resp: 84741

Ion	Ratio	Lower	Upper
152	100		
115	67.1	36.4	109.3
150	155.9	0.0	341.2