Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012137.D
Acq On : 06 Sep 2019 09:23
Operator : SY/SP
Sample : K4580-12
Misc : 5.75g/5.0mL/MSVOA_X/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-12-C2-(0)

Quant Time: Sep 06 11:47:21 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	140483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99998	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.18%			
35) Dibromofluoromethane	5.48	113	74593	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.62%			
50) Toluene-d8	8.71	98	294929	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
62) 4-Bromofluorobenzene	11.14	95	112991	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.76%			
Target Compounds						Qvalue
16) Acetone	2.43	43	20047	43.269	ug/l	98
20) Methylene Chloride	2.84	84	7840	4.214	ug/l	93
29) Tetrahydrofuran	5.13	42	2954	8.313	ug/l	92

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

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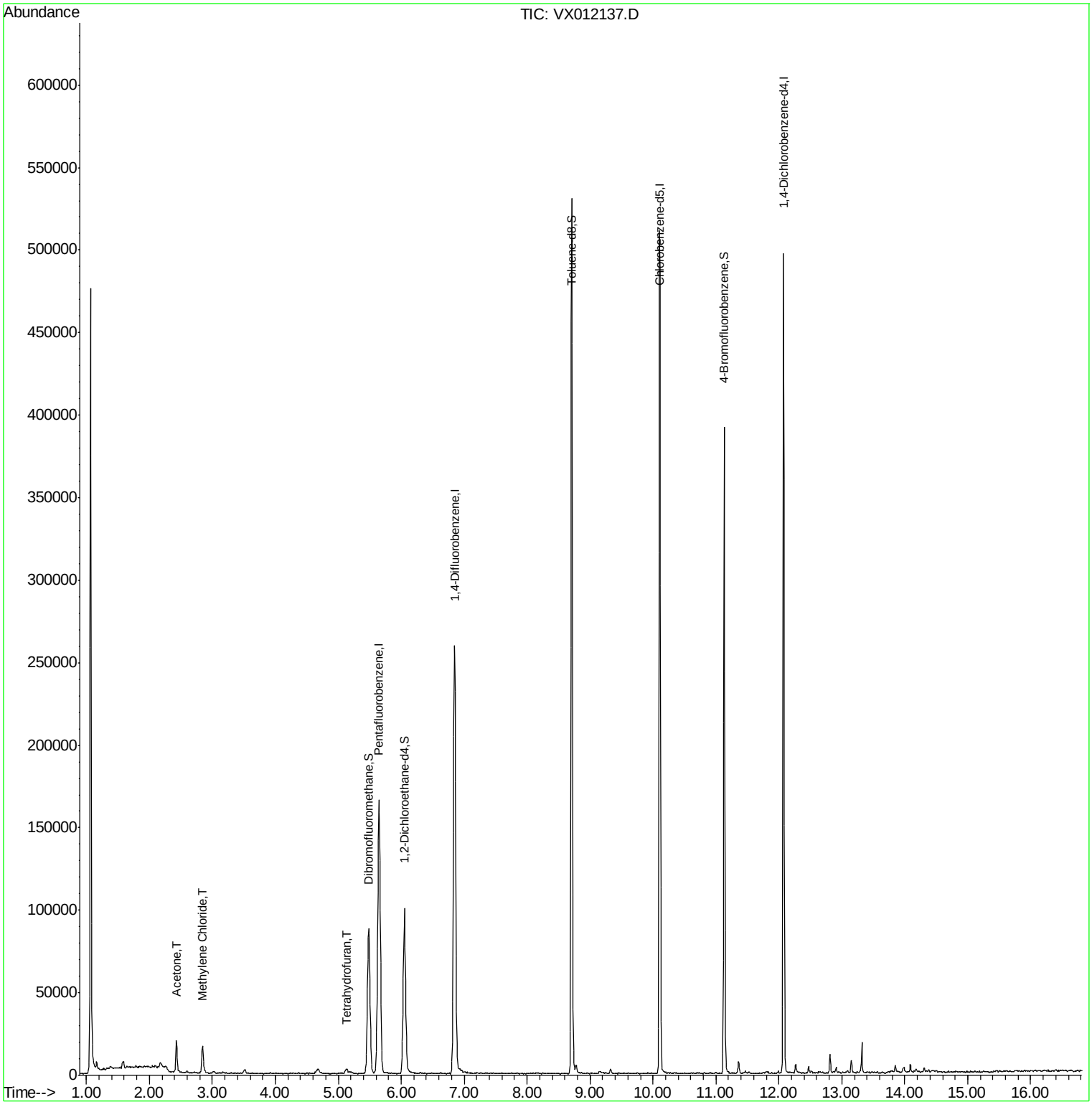
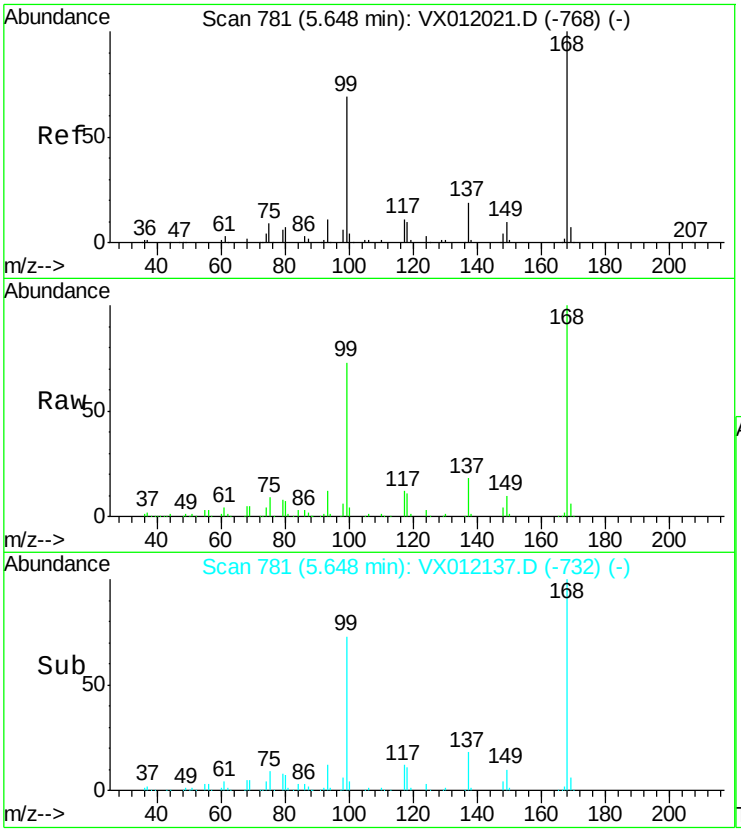


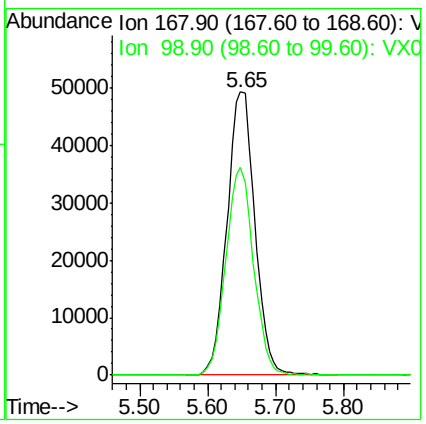


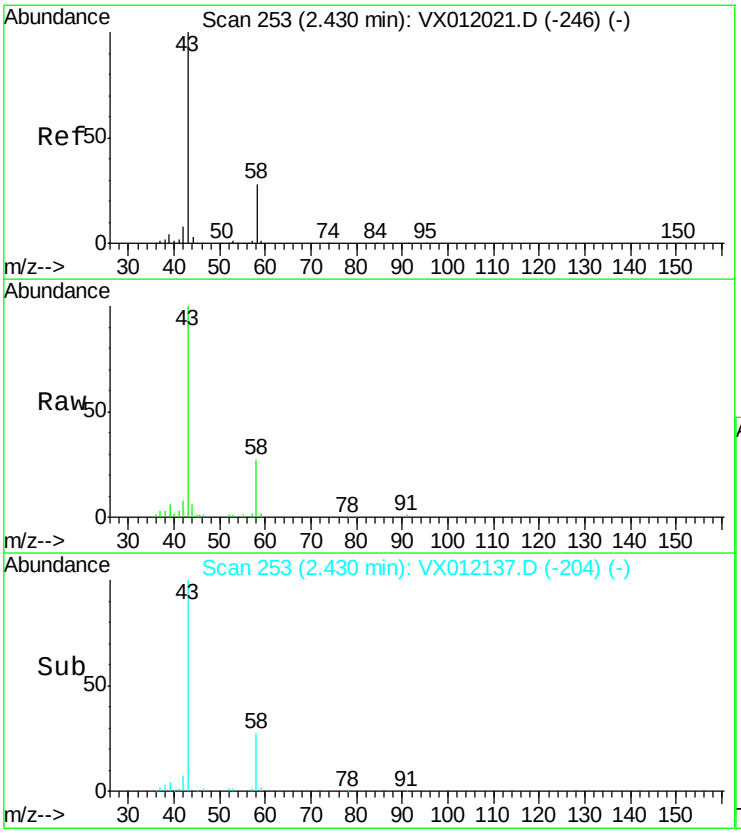
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion:168 Resp: 140483

Ion	Ratio	Lower	Upper
168	100		
99	73.3	37.6	56.4#

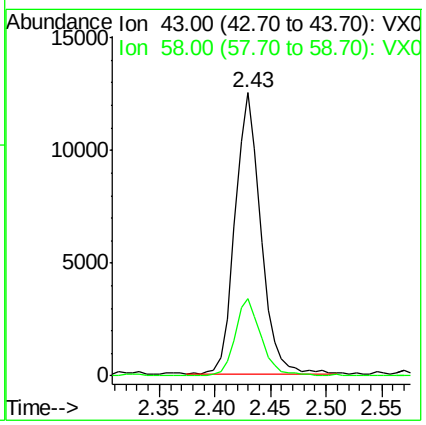


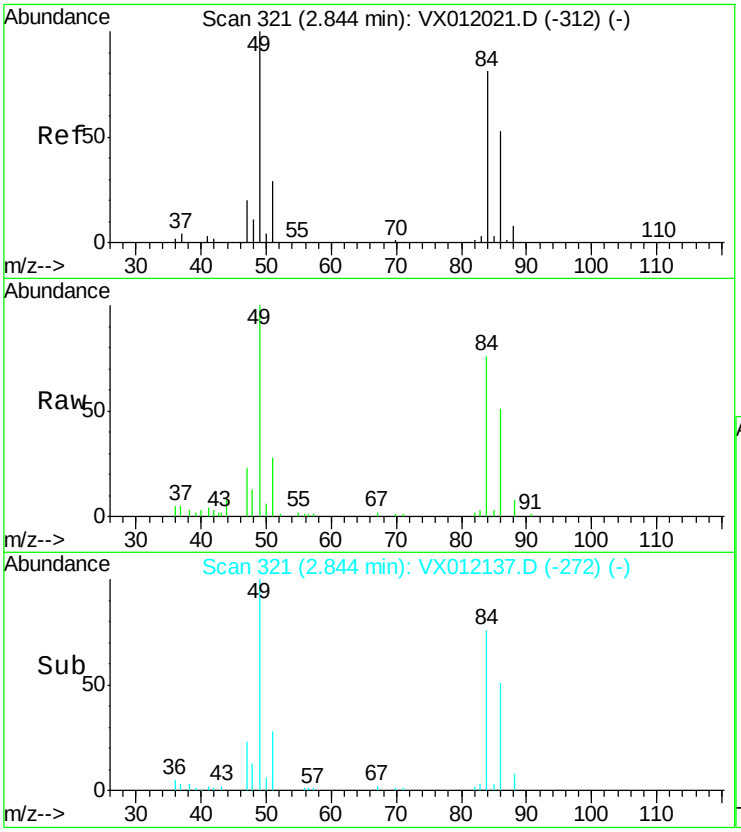


#16
Acetone
Concen: 43.269 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Tgt Ion: 43 Resp: 20047

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.8	34.2



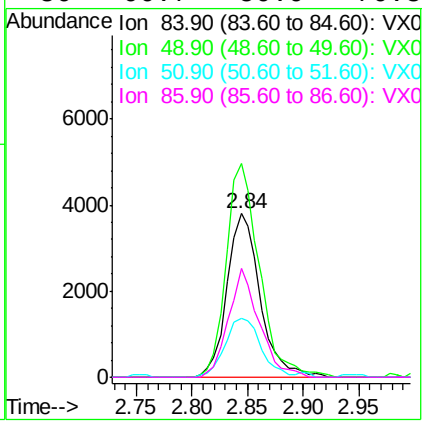


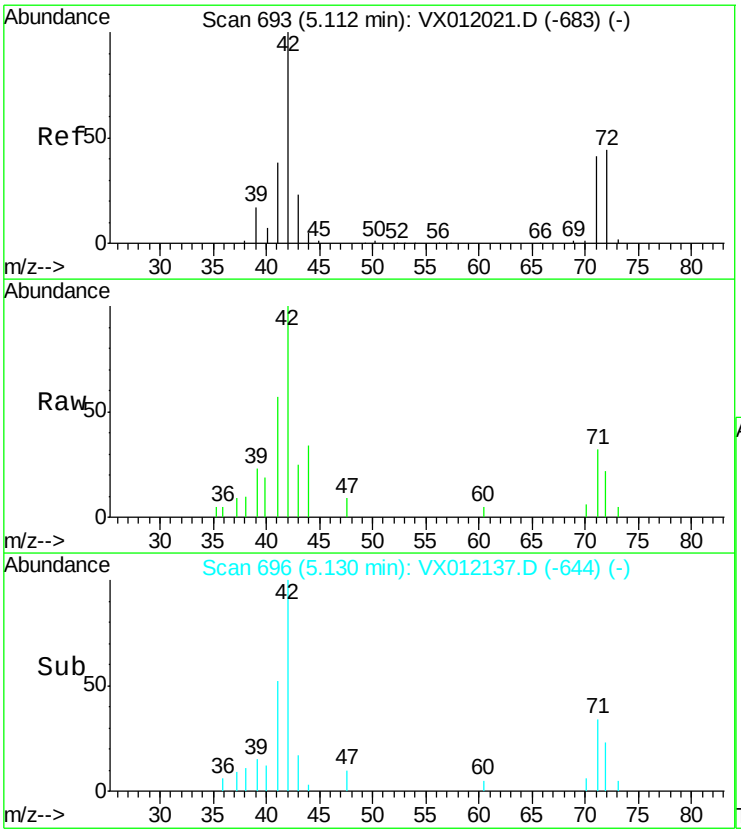
#20
Methylene Chloride
Concen: 4.214 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion: 84 Resp: 7840

Ion	Ratio	Lower	Upper
84	100		
49	130.8	95.8	143.8
51	36.5	28.6	43.0
86	66.7	50.9	76.3

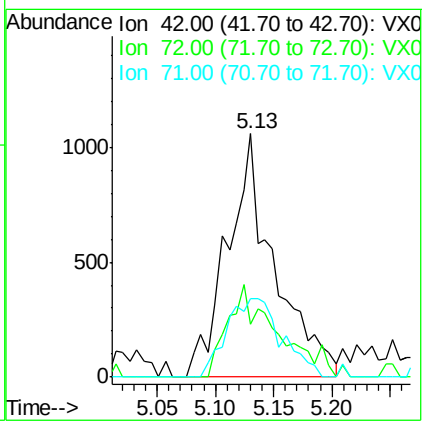


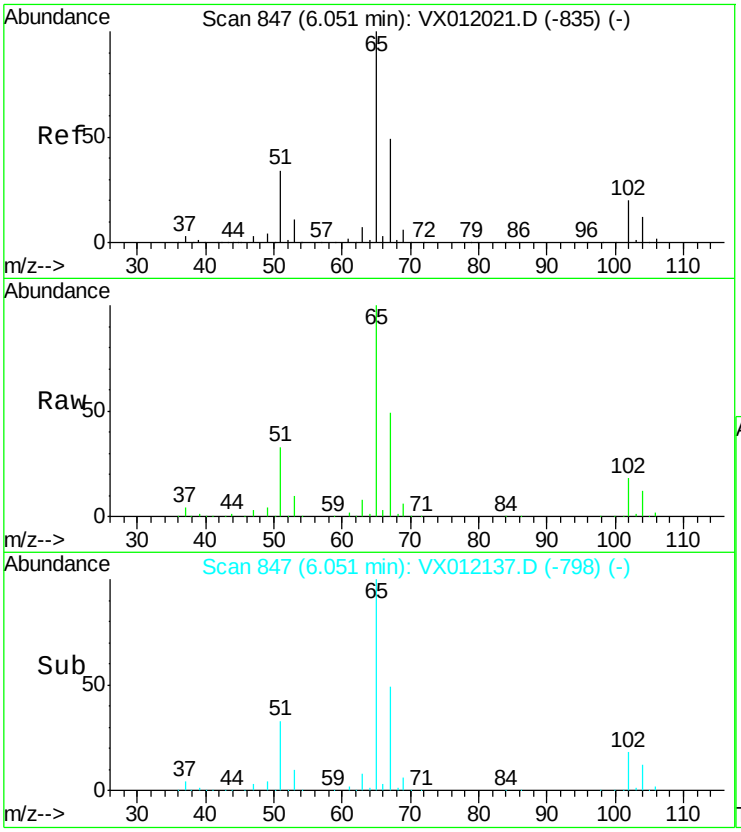


#29
Tetrahydrofuran
Concen: 8.313 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Tgt Ion: 42 Resp: 2954

Ion	Ratio	Lower	Upper
42	100		
72	40.6	37.0	55.4
71	38.1	33.8	50.8



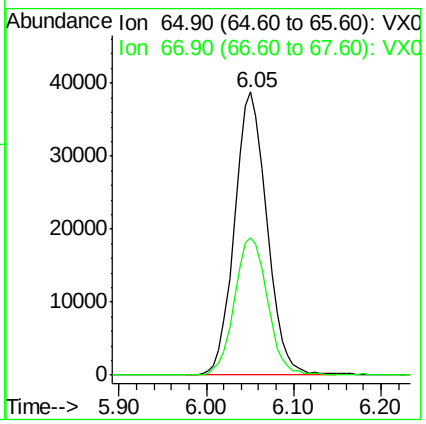


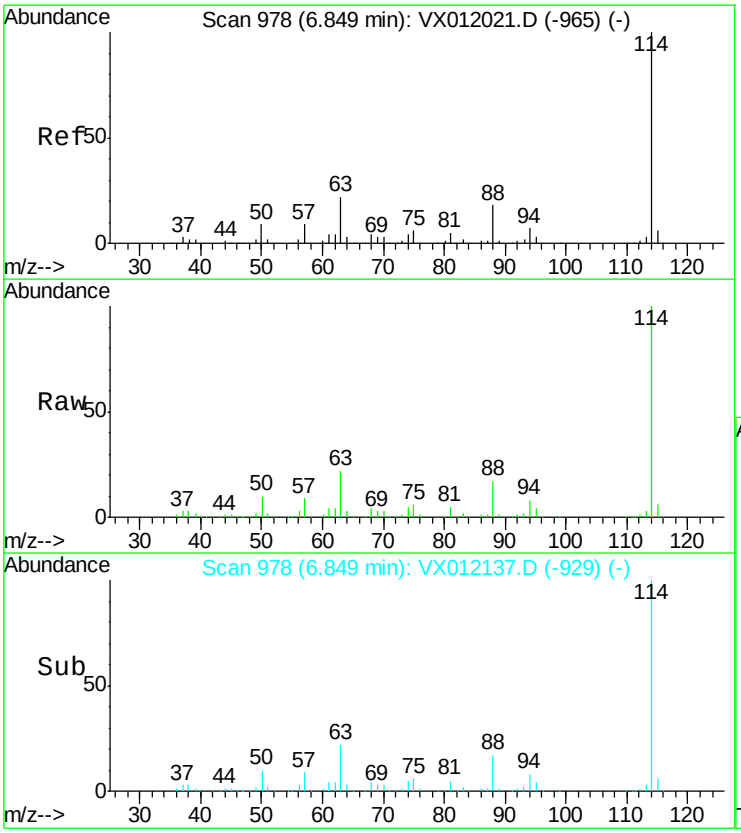
#33
1,2-Dichloroethane-d4
Concen: 51.588 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion: 65 Resp: 99998

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.0

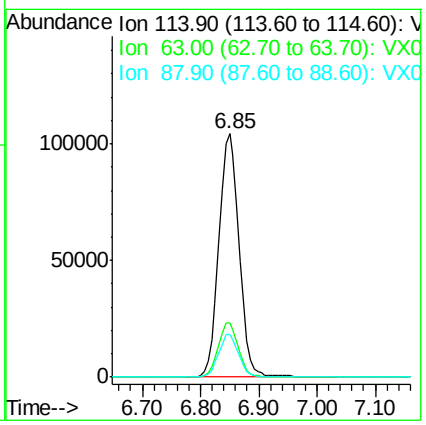


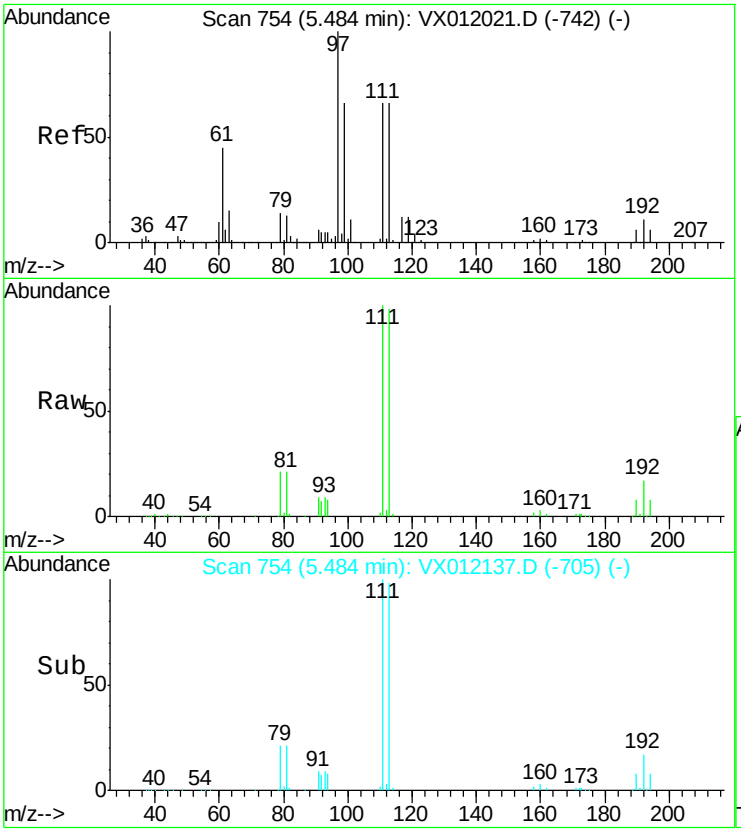


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Tgt Ion:114 Resp: 251072

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	37.4
88	17.5	0.0	29.6



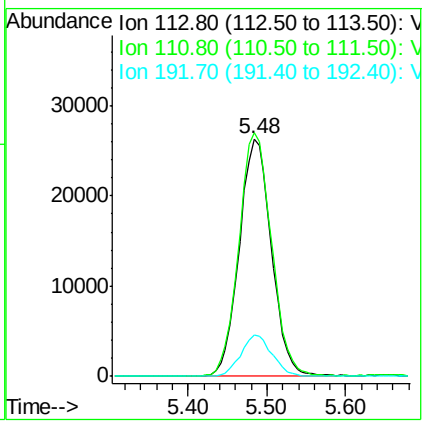


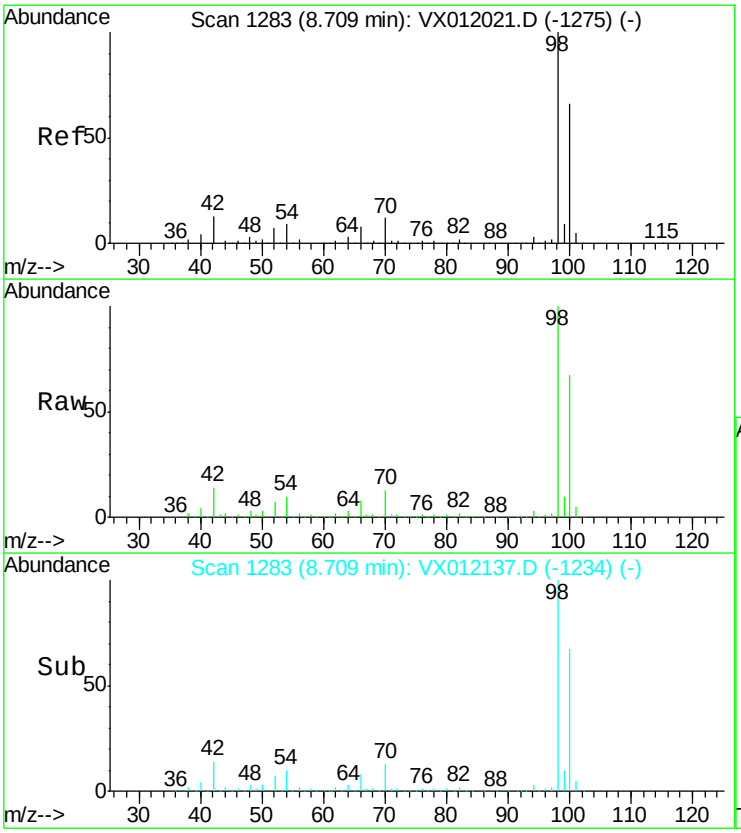
#35
Dibromofluoromethane
Concen: 48.311 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion:113 Resp: 74593

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.7	122.5
192	17.0	22.5	33.7#

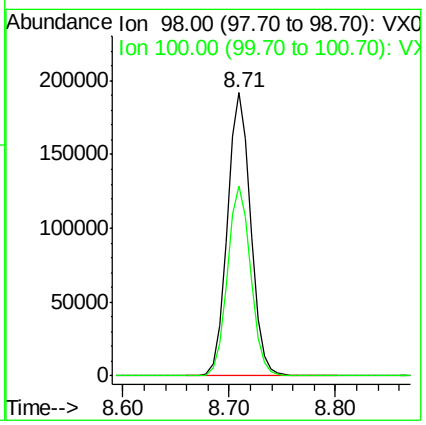


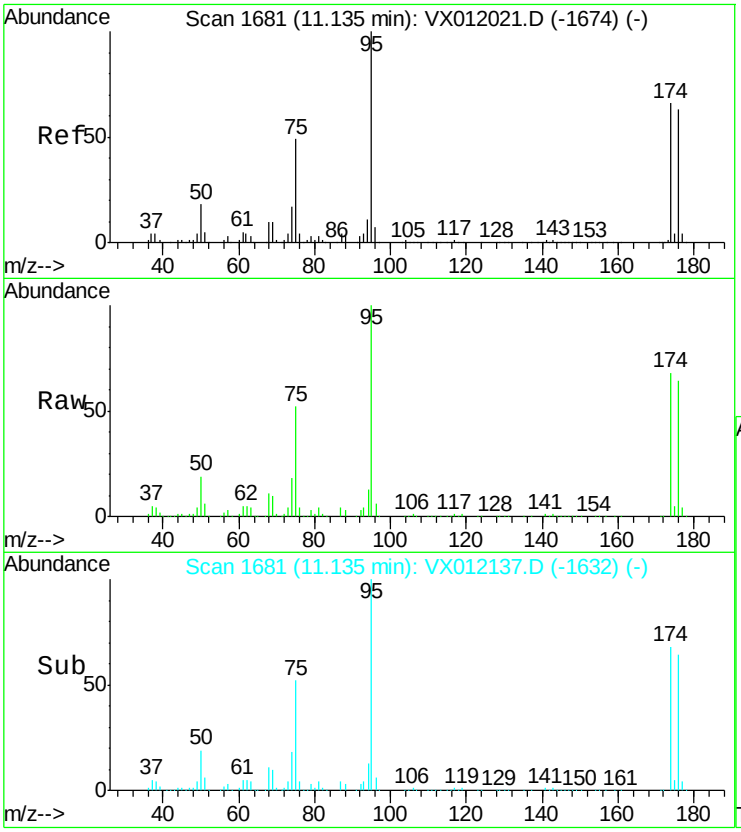


#50
Toluene-d8
Concen: 52.054 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Tgt Ion: 98 Resp: 294929

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9



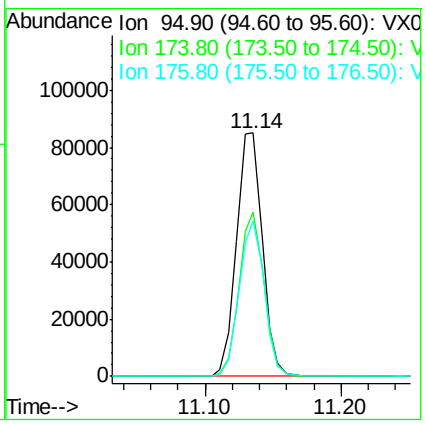


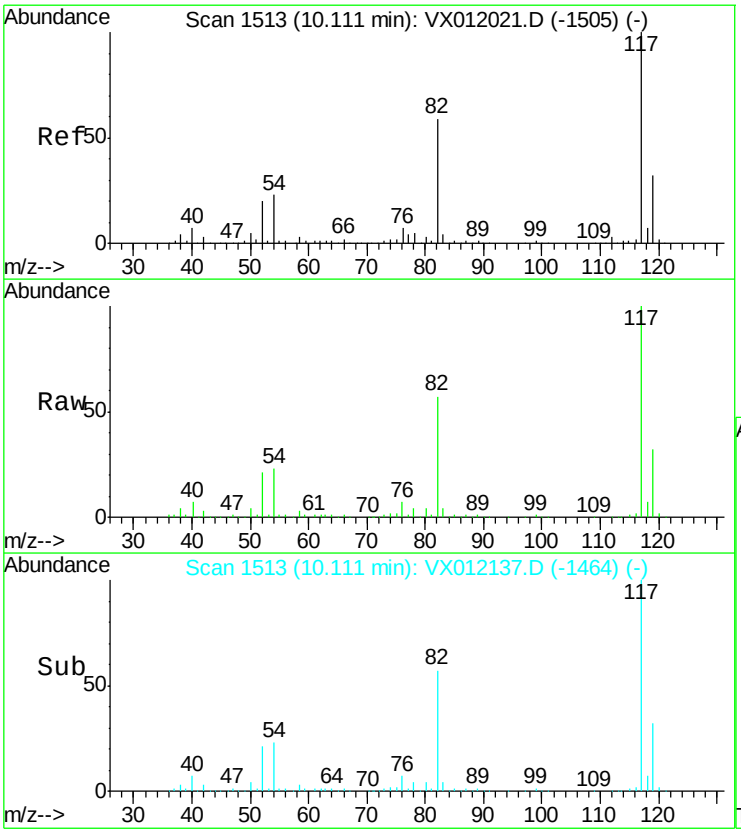
#62
4-Bromofluorobenzene
Concen: 42.882 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion: 95 Resp: 112991

Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	205.4
176	61.9	0.0	201.8

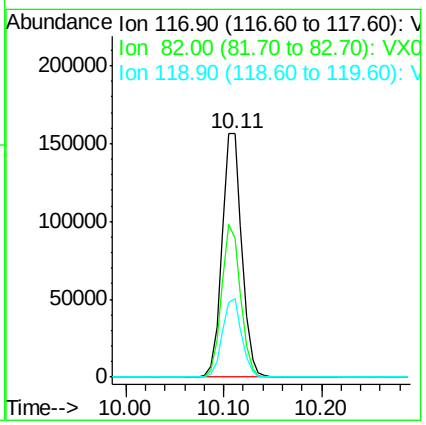


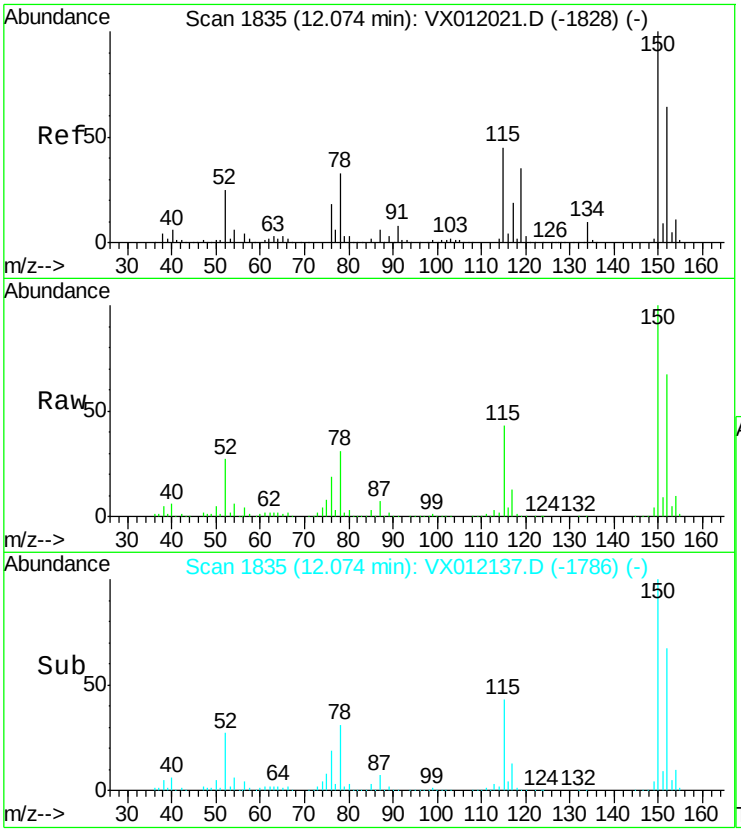


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012137.D
Acq: 06 Sep 2019 09:23

Tgt Ion:117 Resp: 218736

Ion	Ratio	Lower	Upper
117	100		
82	57.0	39.4	59.0
119	32.3	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: VX012137.D
Acq: 06 Sep 2019 09:23

Instrument :
MSVOA_X
ClientSampleId :
PAR-12-C2-(0)

Tgt Ion:152 Resp: 90112

Ion	Ratio	Lower	Upper
152	100		
115	65.5	36.4	109.3
150	155.8	0.0	341.2