Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012221.D
Acq On : 08 Sep 2019 14:19
Operator : SY/SP
Sample : K4622-05
Misc : 4.49g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-11-A4-(0)

Quant Time: Sep 09 01:49:48 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	150581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	256541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	99647	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.92%			
35) Dibromofluoromethane	5.48	113	74909	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.96%			
50) Toluene-d8	8.71	98	305228	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.44%			
62) 4-Bromofluorobenzene	11.13	95	121567	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.30%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	857	1.193	ug/l #	31
10) Methyl Iodide	2.50	142	201	7.099	ug/l #	69
11) Tert butyl alcohol	3.01	59	1762	8.829	ug/l #	74
13) Acrolein	2.25	56	354	Below Cal #		12
16) Acetone	2.43	43	39590	79.719	ug/l	97
20) Methylene Chloride	2.84	84	5214	2.615	ug/l	87
25) 2-Butanone	4.67	43	1470	2.325	ug/l #	79
29) Tetrahydrofuran	5.11	42	1463	3.841	ug/l #	32
31) Cyclohexane	5.65	56	4130	1.621	ug/l #	24
36) 1,1-Dichloropropene	5.65	75	13955	6.176	ug/l #	49
38) Carbon Tetrachloride	5.64	117	17556	7.374	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	63674	50.973	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	63674	120.507	ug/l #	10

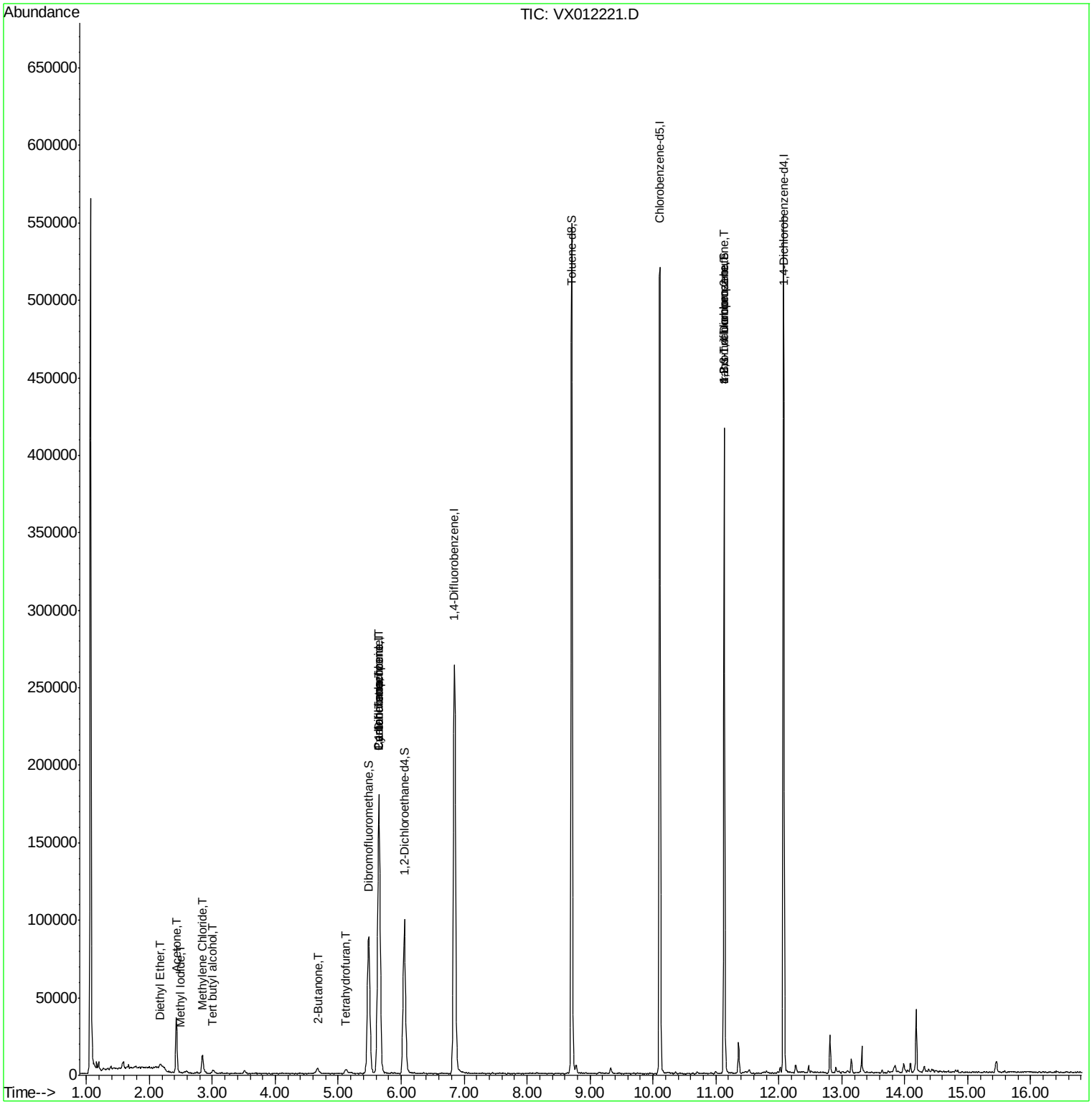
(#) = qualifier out of range (m) = manual integration (+) = signals summed

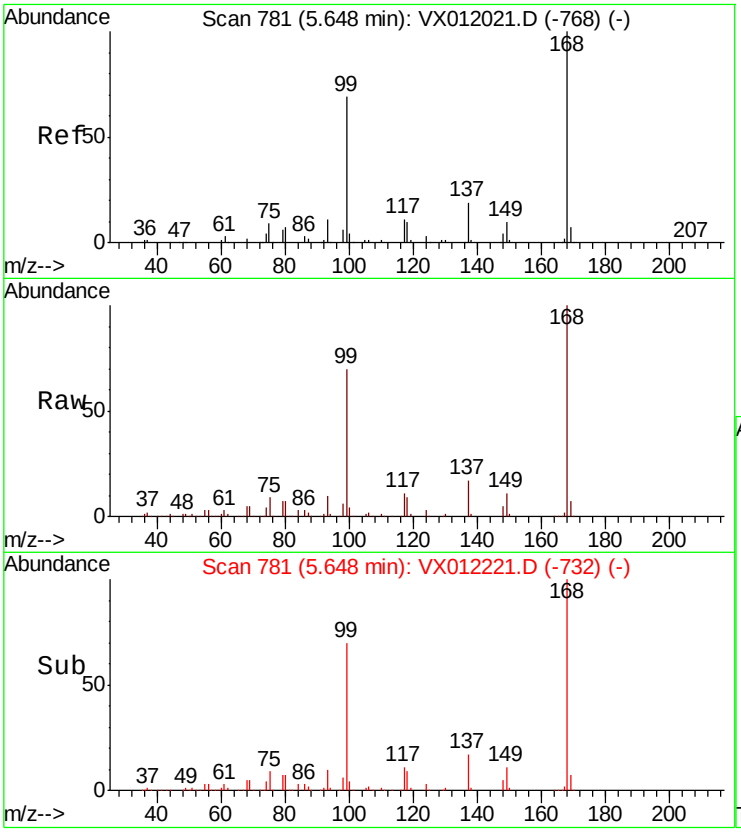
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012221.D
Acq On : 08 Sep 2019 14:19
Operator : SY/SP
Sample : K4622-05
Misc : 4.49g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Quant Time: Sep 09 01:49:48 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



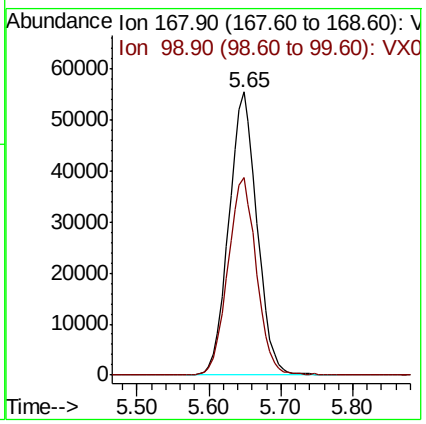


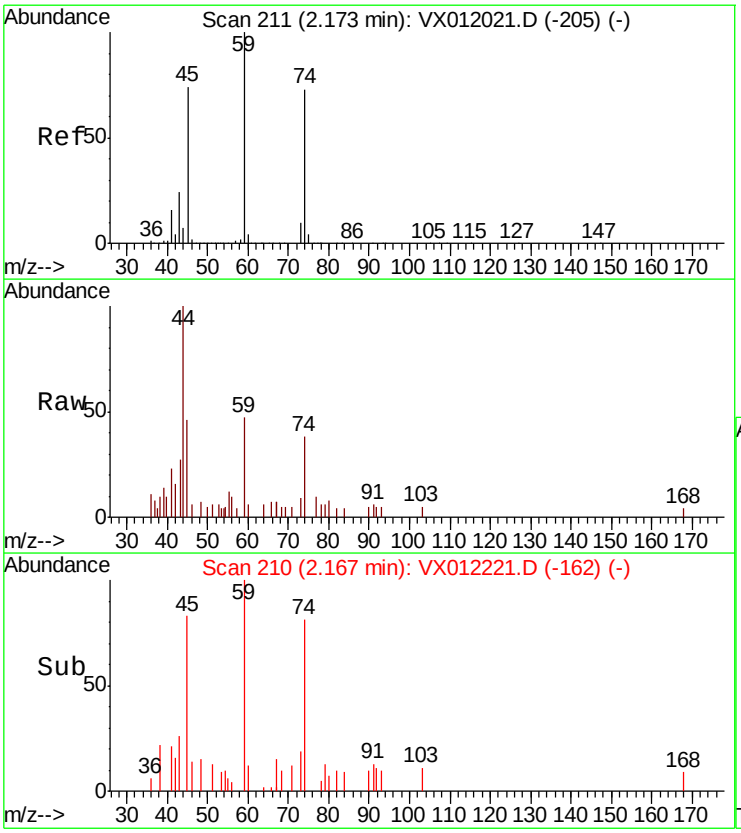
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion:168 Resp: 150581

Ion	Ratio	Lower	Upper
168	100		
99	70.0	37.6	56.4#

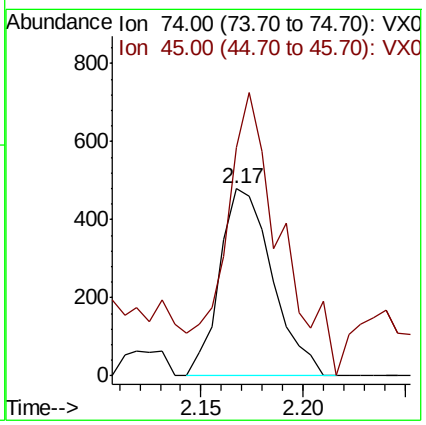


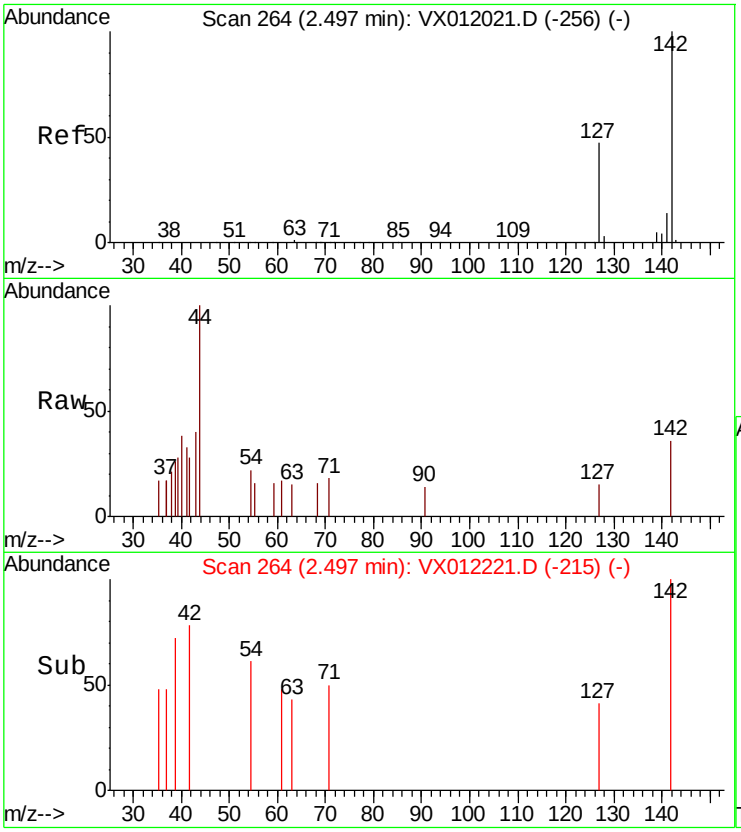


#8
Diethyl Ether
Concen: 1.193 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 74 Resp: 857

Ion	Ratio	Lower	Upper
74	100		
45	157.4	45.9	137.6#



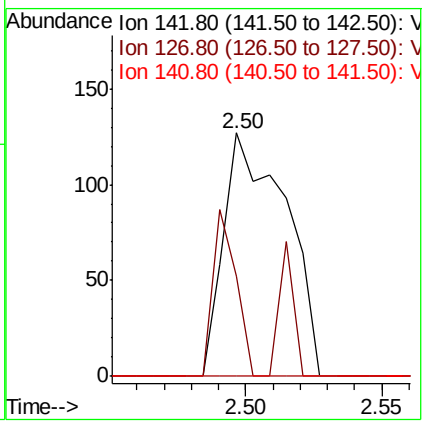


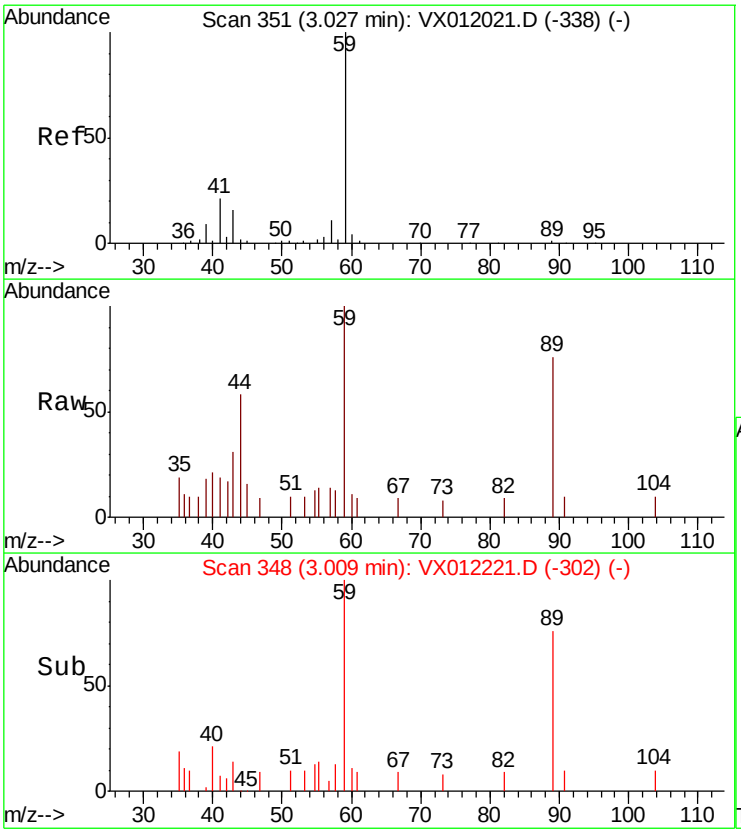
#10
Methyl Iodide
Concen: 7.099 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion:142 Resp: 201

Ion	Ratio	Lower	Upper
142	100		
127	25.4	35.4	53.2#
141	0.0	11.4	17.2#

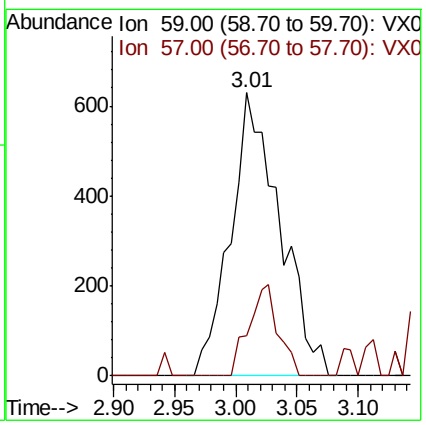


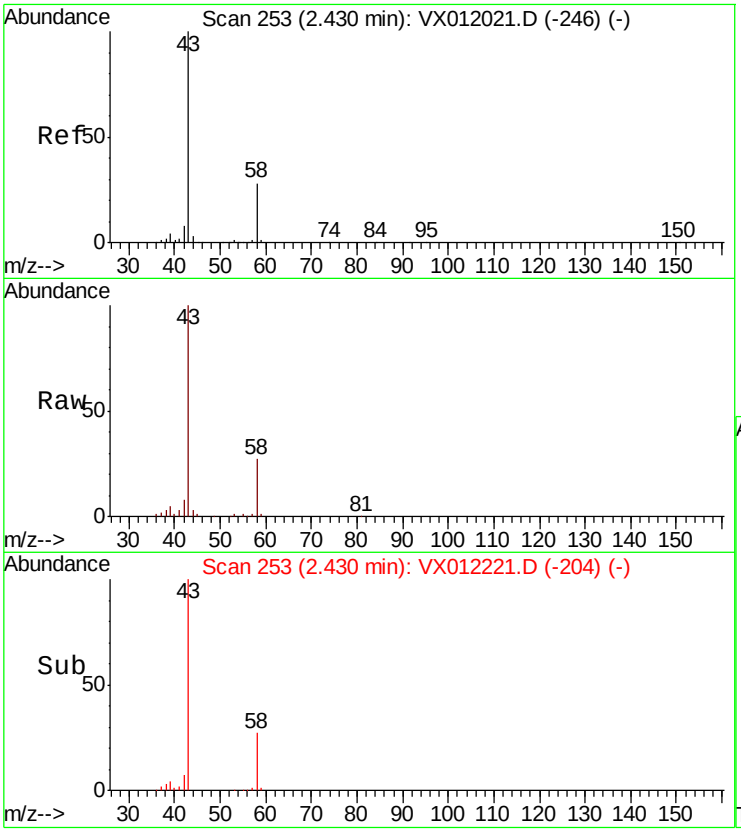


#11
Tert butyl alcohol
Concen: 8.829 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 59 Resp: 1762

Ion	Ratio	Lower	Upper
59	100		
57	19.4	7.9	11.9#



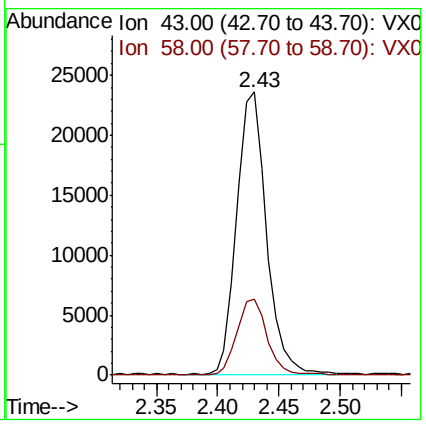


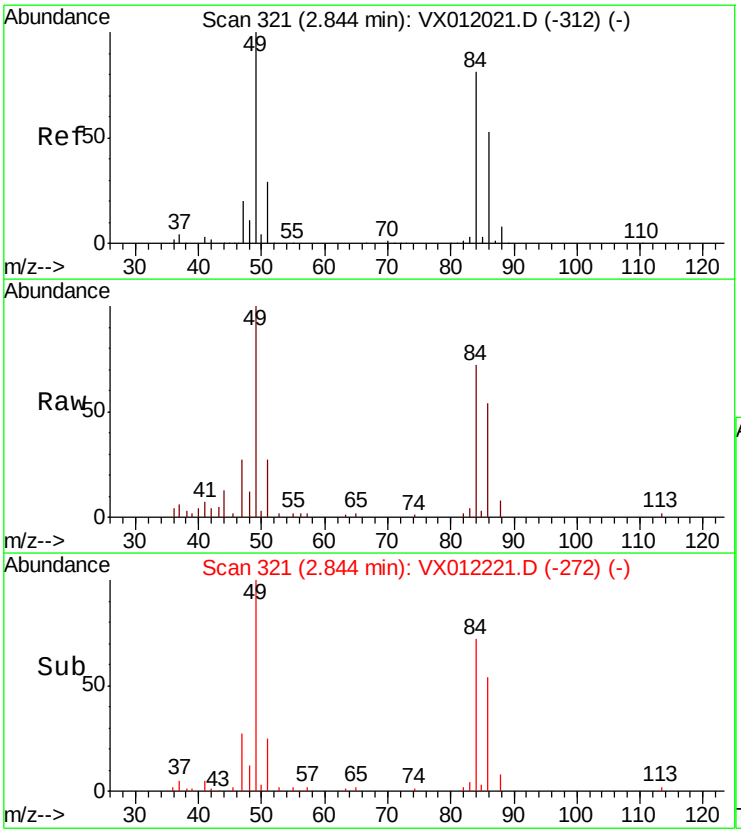
#16
Acetone
Concen: 79.719 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 43 Resp: 39590

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.8	34.2

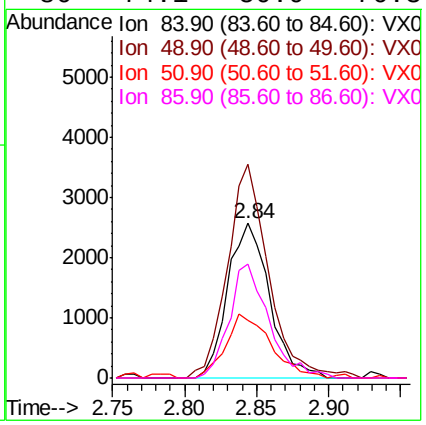


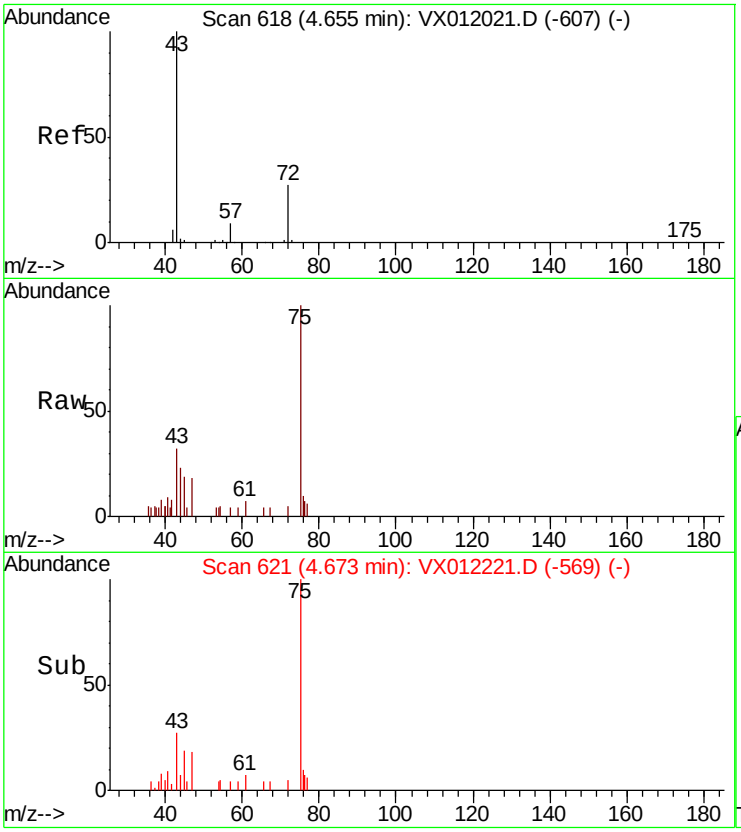


#20
Methylene Chloride
Concen: 2.615 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 84 Resp: 5214

Ion	Ratio	Lower	Upper
84	100		
49	138.3	95.8	143.8
51	37.2	28.6	43.0
86	74.1	50.9	76.3



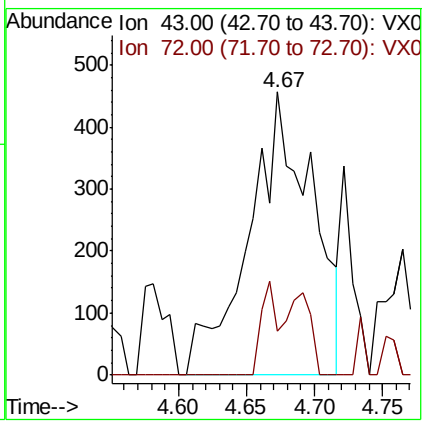


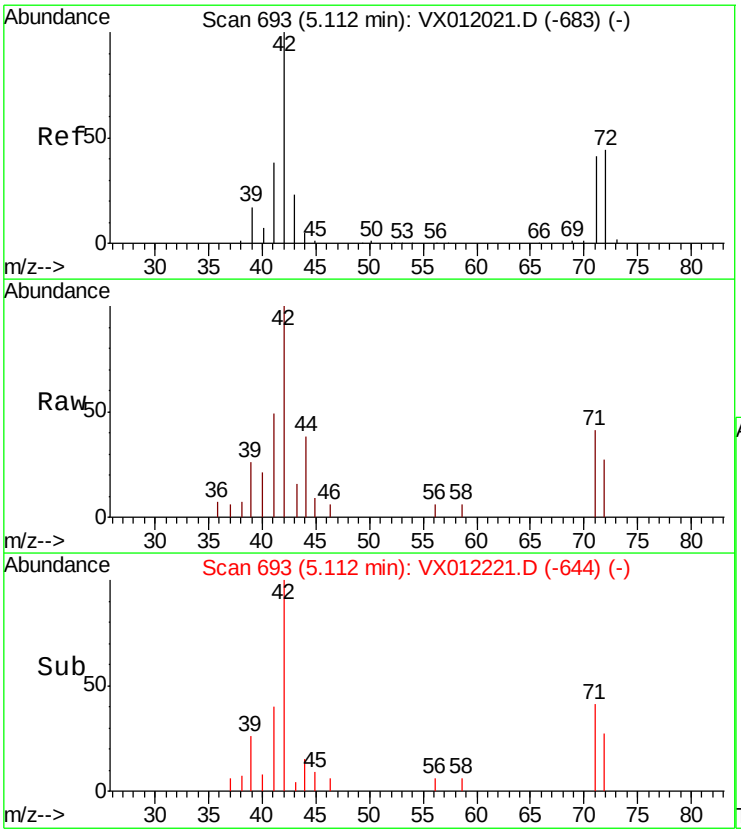
#25
2-Butanone
Concen: 2.325 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 43 Resp: 1470

Ion	Ratio	Lower	Upper
43	100		
72	15.5	21.3	31.9#

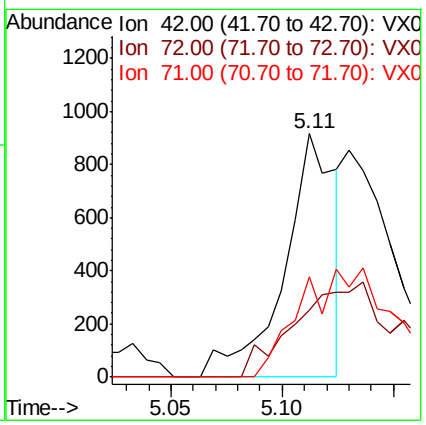


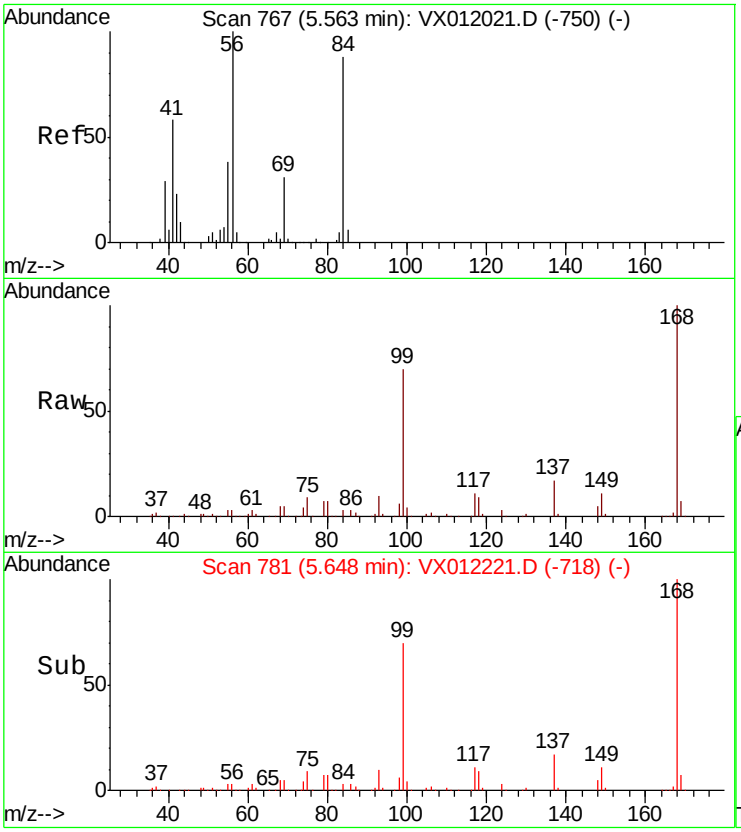


#29
Tetrahydrofuran
Concen: 3.841 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 42 Resp: 1463

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	0.0	33.8	50.8#



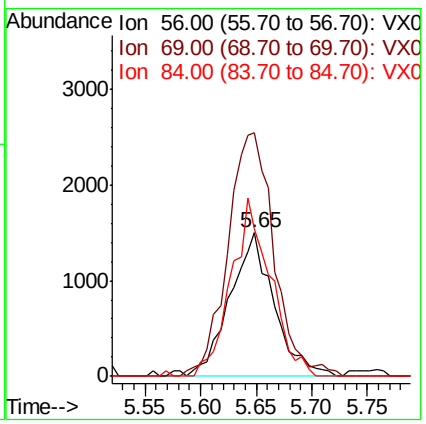


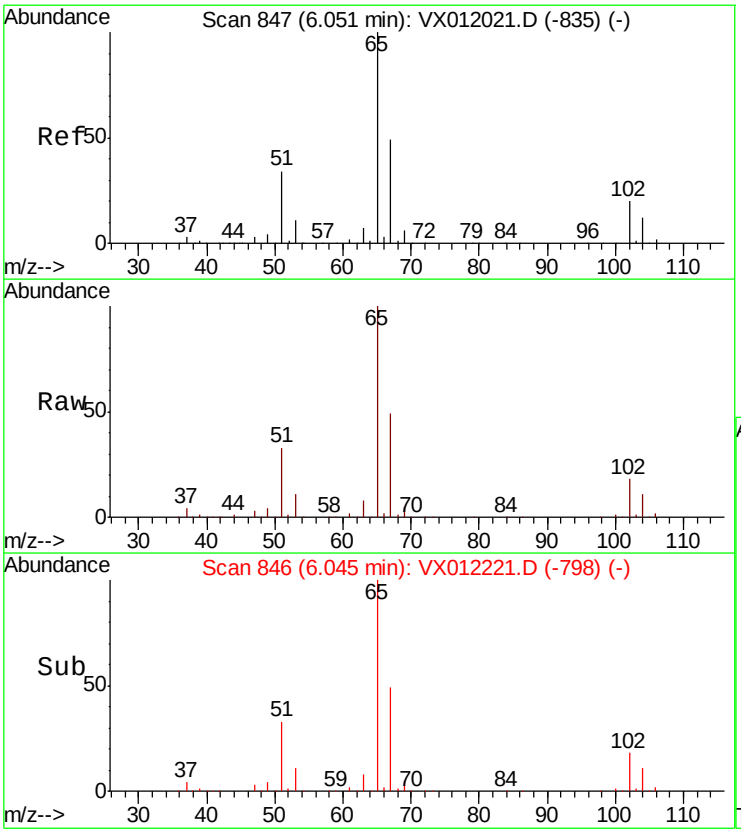
#31
Cyclohexane
Concen: 1.621 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 56 Resp: 4130

Ion	Ratio	Lower	Upper
56	100		
69	165.6	25.7	38.5#
84	103.3	70.3	105.5

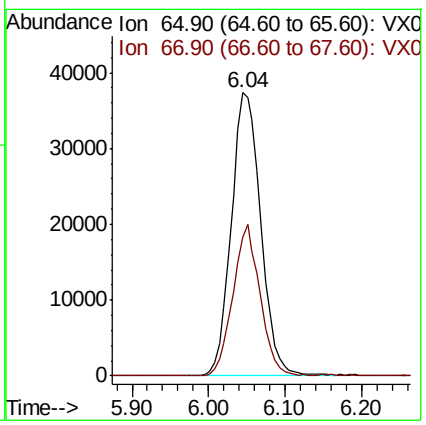


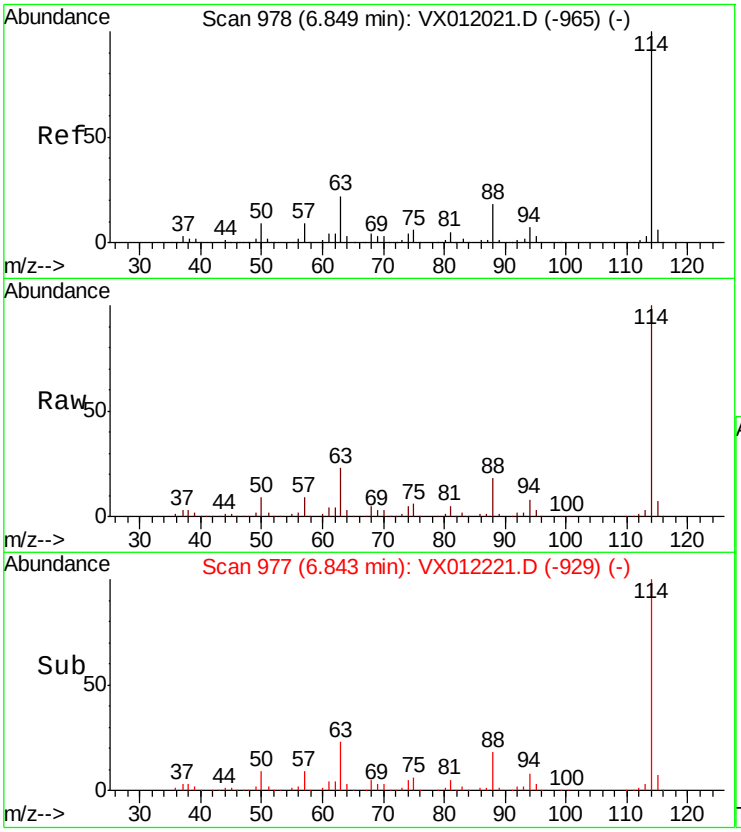


#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 65 Resp: 99647

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.0



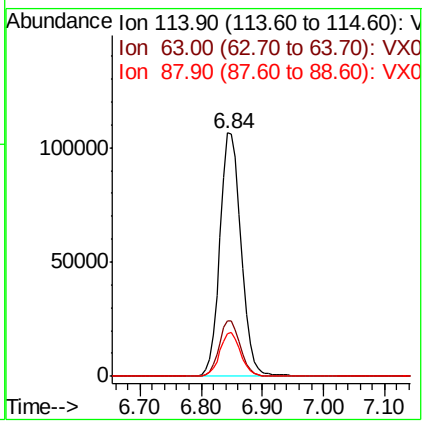


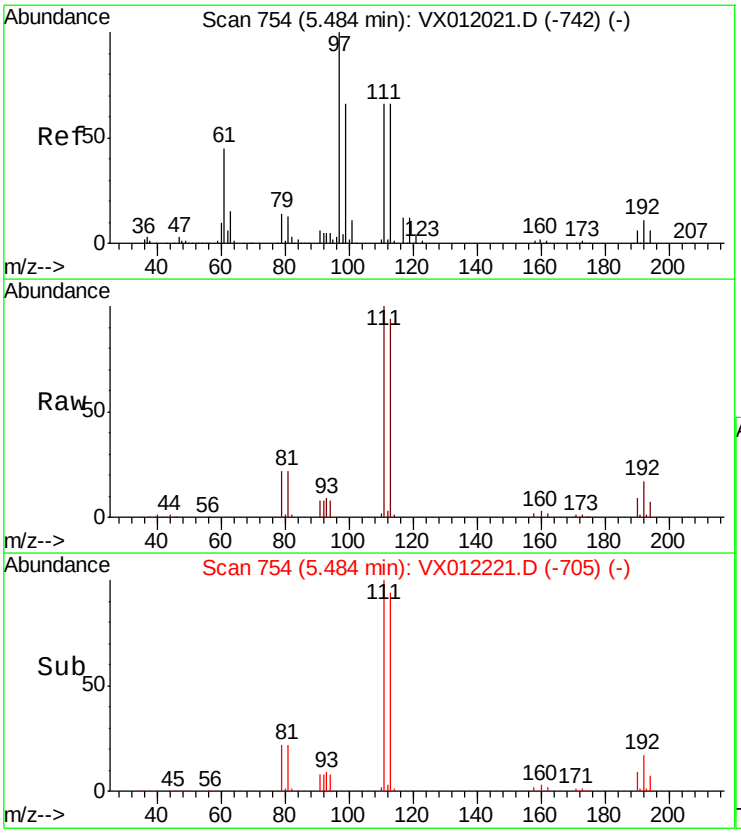
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion:114 Resp: 256541

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	37.4
88	17.7	0.0	29.6

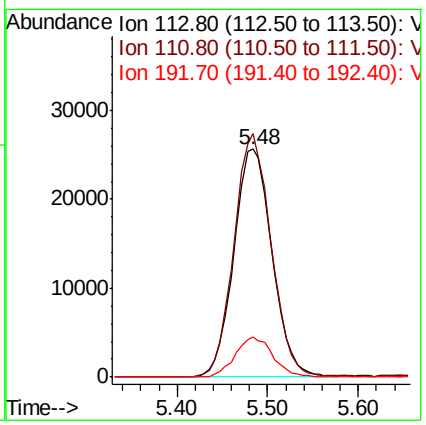


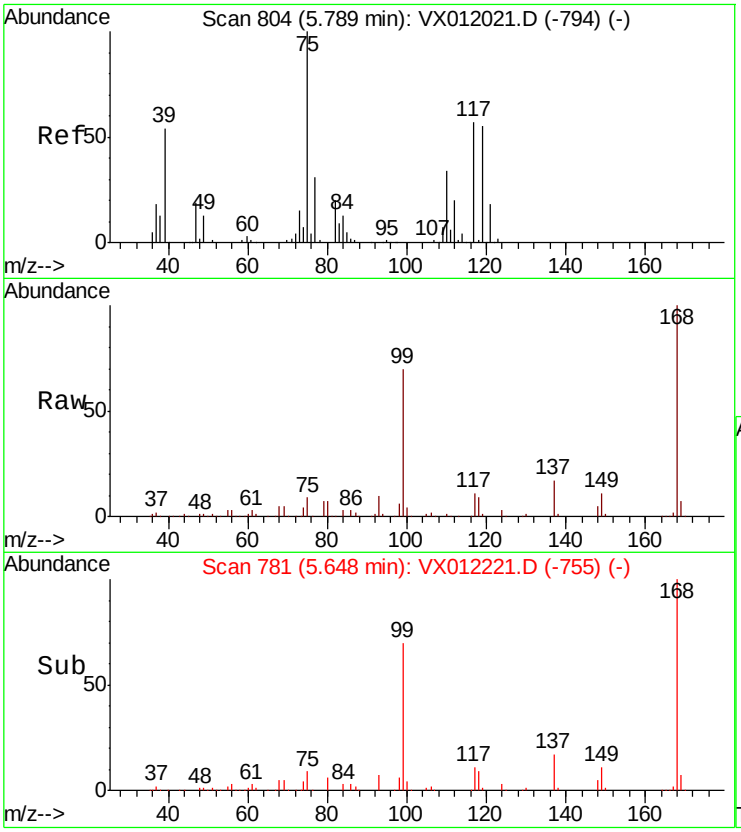


#35
Dibromofluoromethane
Concen: 47.481 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion:113 Resp: 74909

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	17.3	22.5	33.7#



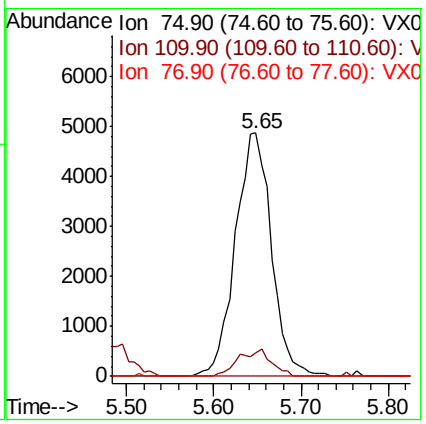


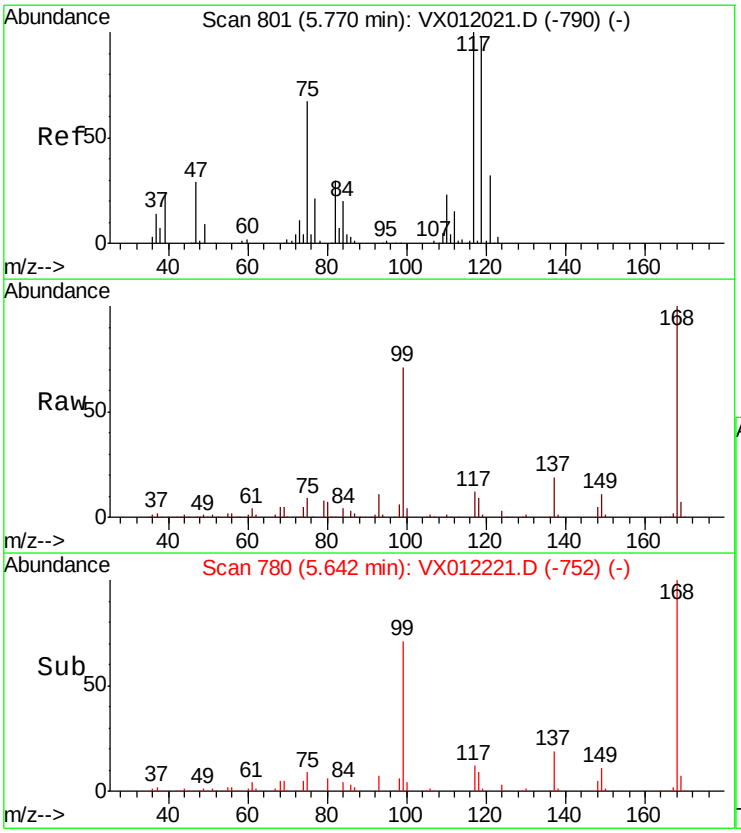
#36
1,1-Dichloropropene
Concen: 6.176 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 75 Resp: 13955

Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.5	58.5#
77	0.0	24.6	37.0#

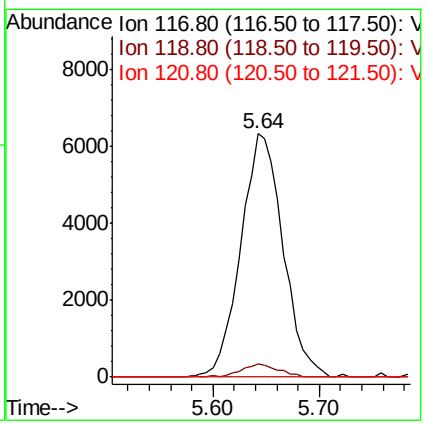


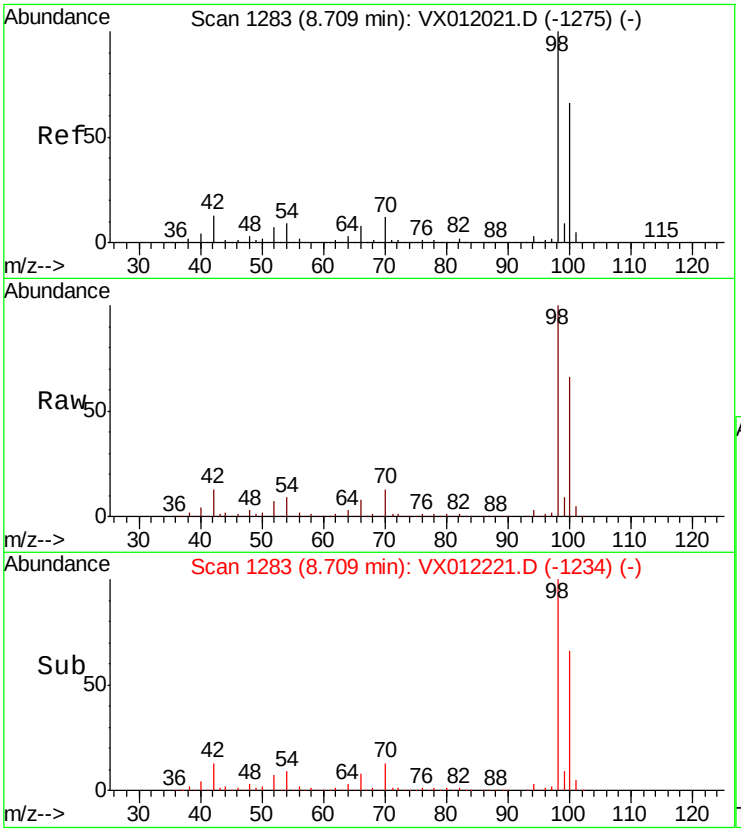


#38
Carbon Tetrachloride
Concen: 7.374 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion:117 Resp: 17556

Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.3	117.5#
121	0.0	24.2	36.2#



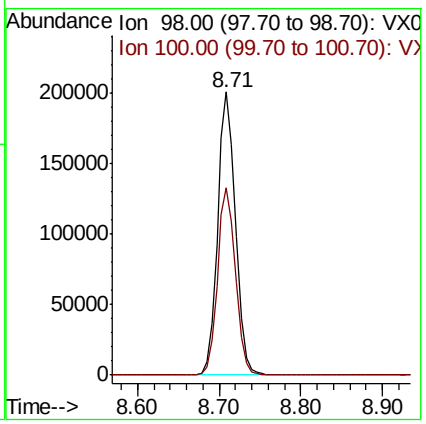


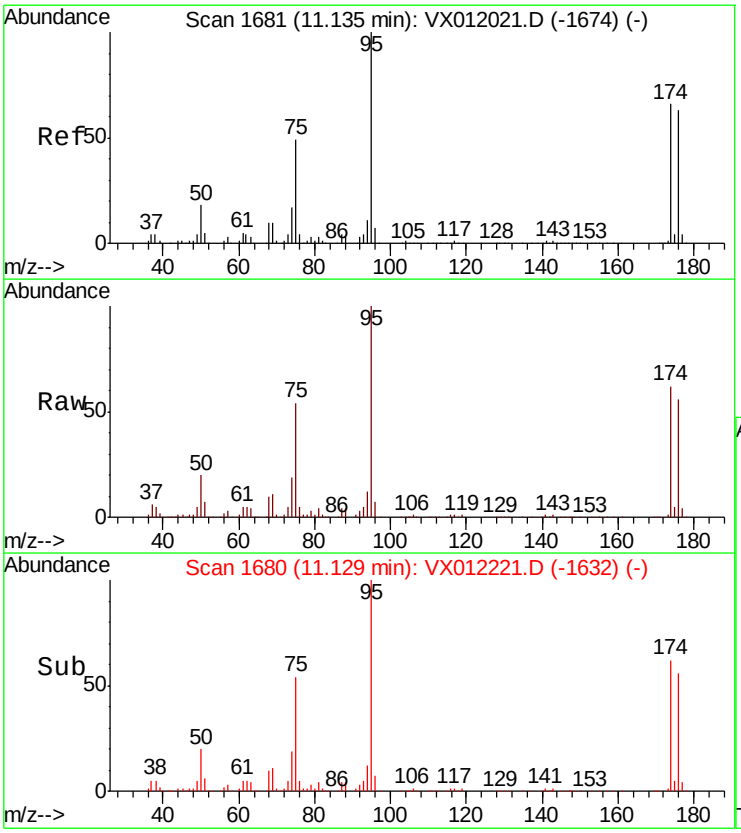
#50
Toluene-d8
Concen: 52.723 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 98 Resp: 305228

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.3	79.9

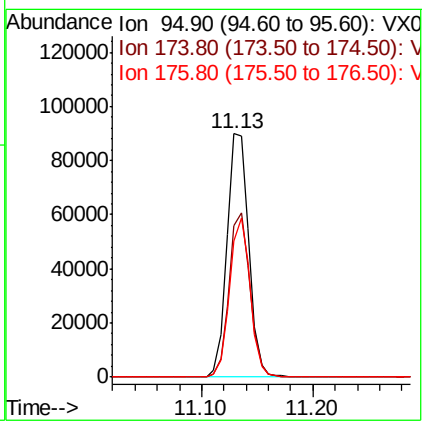


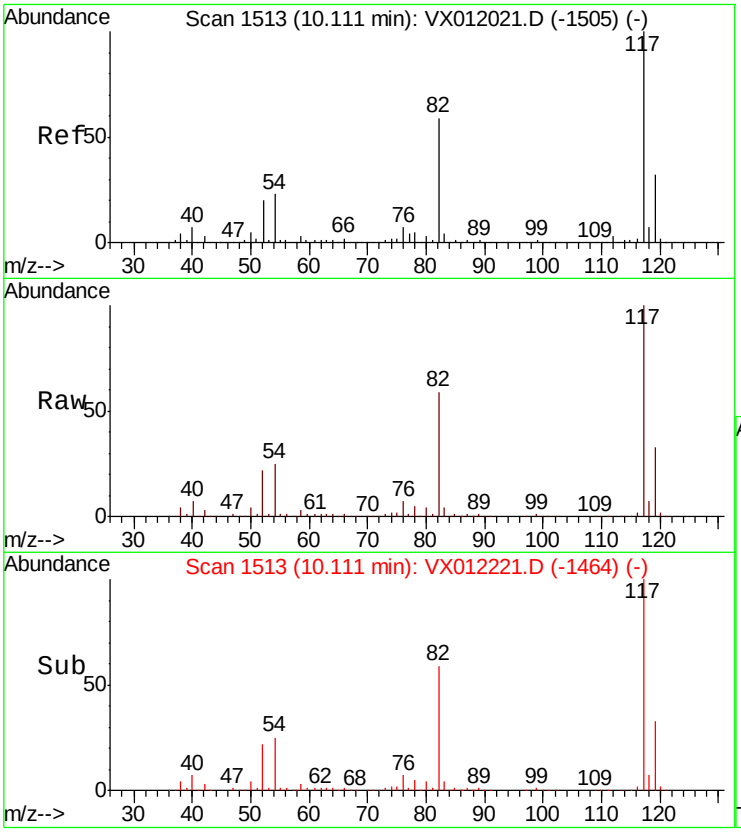


#62
4-Bromofluorobenzene
Concen: 45.153 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 95 Resp: 121567

Ion	Ratio	Lower	Upper
95	100		
174	65.1	0.0	205.4
176	61.9	0.0	201.8



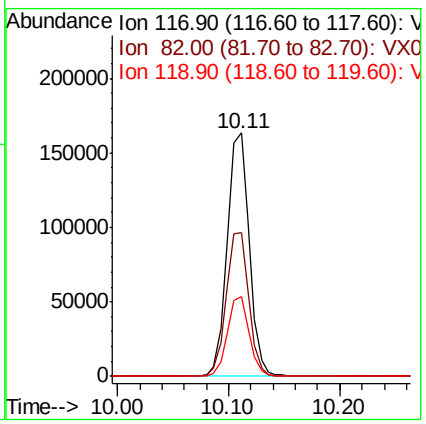


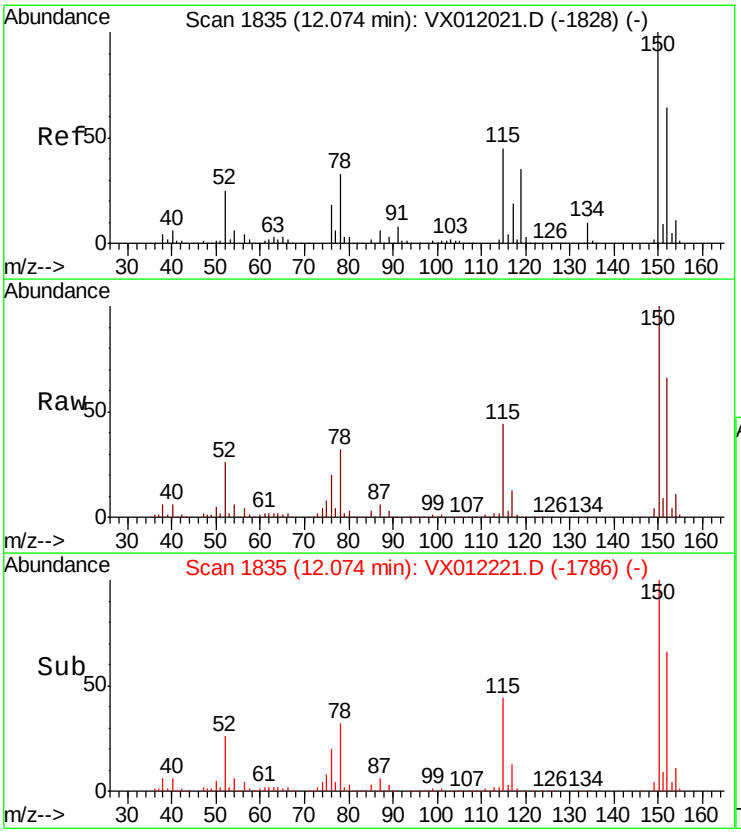
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion:117 Resp: 224493

Ion	Ratio	Lower	Upper
117	100		
82	58.9	39.4	59.0
119	32.7	26.1	39.1

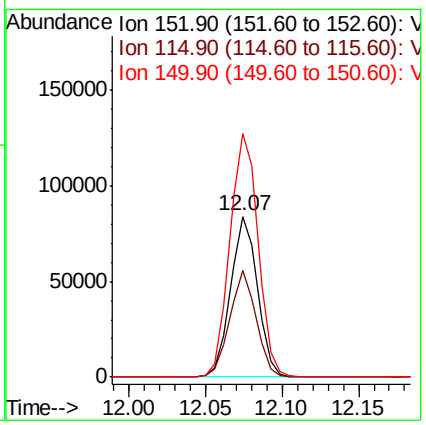


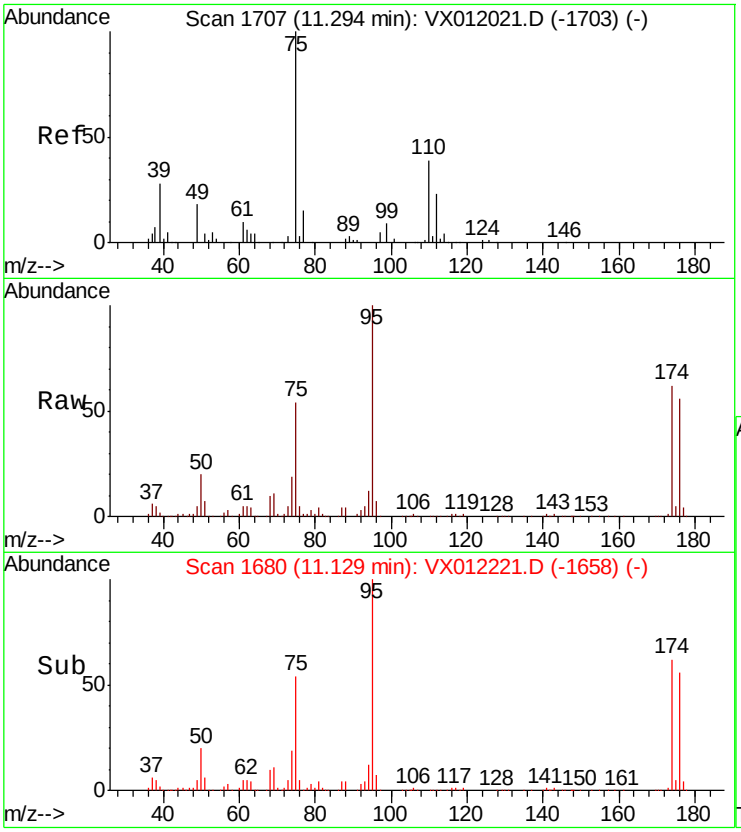


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion:152 Resp: 102237

Ion	Ratio	Lower	Upper
152	100		
115	65.5	36.4	109.3
150	158.4	0.0	341.2



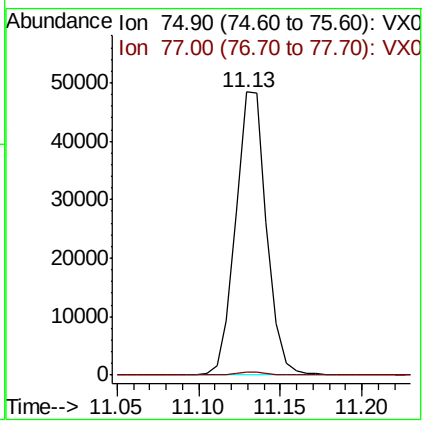


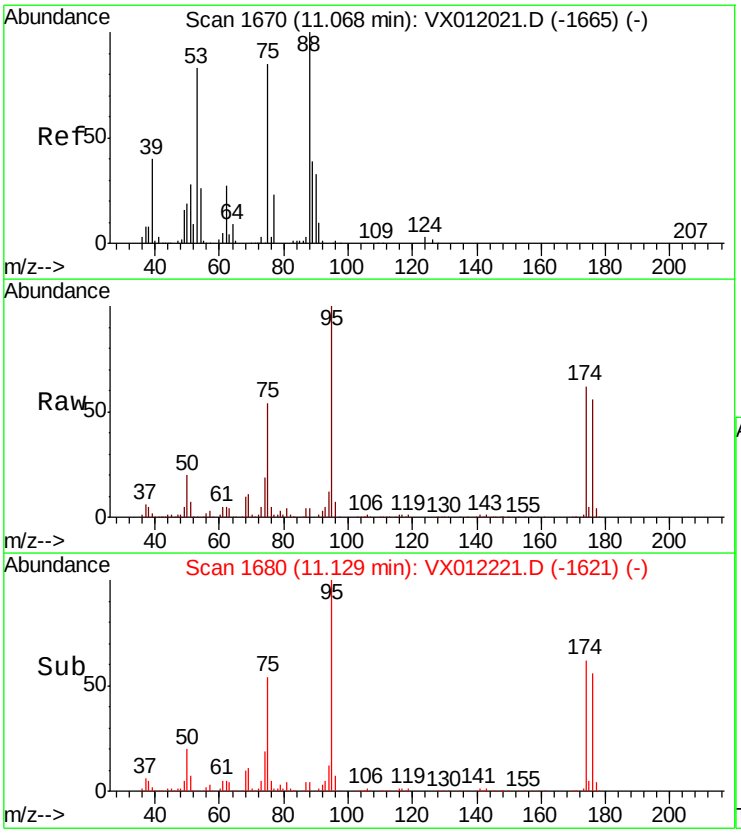
#76
1,2,3-Trichloropropane
Concen: 50.973 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(0)

Tgt Ion: 75 Resp: 63674

Ion	Ratio	Lower	Upper
75	100		
77	1.1	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 120.507 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012221.D
Acq: 08 Sep 2019 14:19

Tgt Ion: 75 Resp: 63674

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.6	117.8#
89	0.0	38.8	58.2#