Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

Quantitation Report (Not Reviewed)

Data File : VX012180.D
Acq On : 07 Sep 2019 17:03
Operator : SY/SP
Sample : K4602-09
Misc : 4.92g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-C3-(0)

Quant Time: Sep 08 07:43:32 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	156793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	217816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	101176	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
35) Dibromofluoromethane	5.48	113	77452	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.82%			
50) Toluene-d8	8.71	98	309092	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.22%			
62) 4-Bromofluorobenzene	11.14	95	113028	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.94%			
Target Compounds						Qvalue
10) Methyl Iodide	2.52	142	43	7.011	ug/l #	1
11) Tert butyl alcohol	3.03	59	450	2.166	ug/l	97
13) Acrolein	2.28	56	299	Below Cal	#	65
16) Acetone	2.43	43	1575	3.046	ug/l #	85
20) Methylene Chloride	2.84	84	6819	3.284	ug/l	90
29) Tetrahydrofuran	5.12	42	3862	9.738	ug/l #	61
31) Cyclohexane	5.65	56	4214	1.589	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14472	6.251	ug/l #	45
38) Carbon Tetrachloride	5.65	117	18445	7.561	ug/l #	15
49) 1,4-Dioxane	7.64	88	22	1.254	ug/l #	1
52) Toluene	8.78	92	4600	1.064	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	60966	59.120	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	60966	139.769	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.81	75	793	2.935	ug/l #	1

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

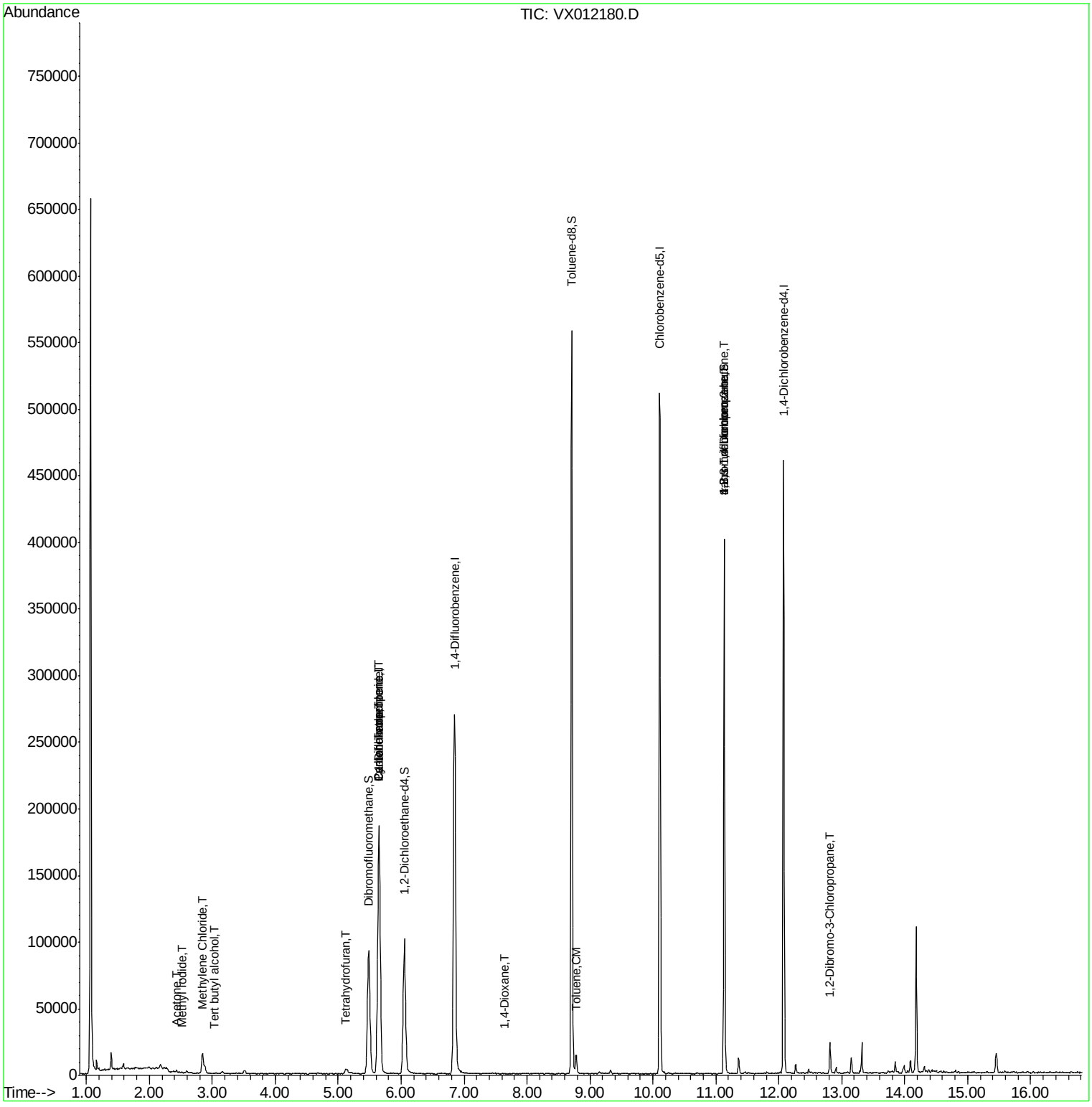
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

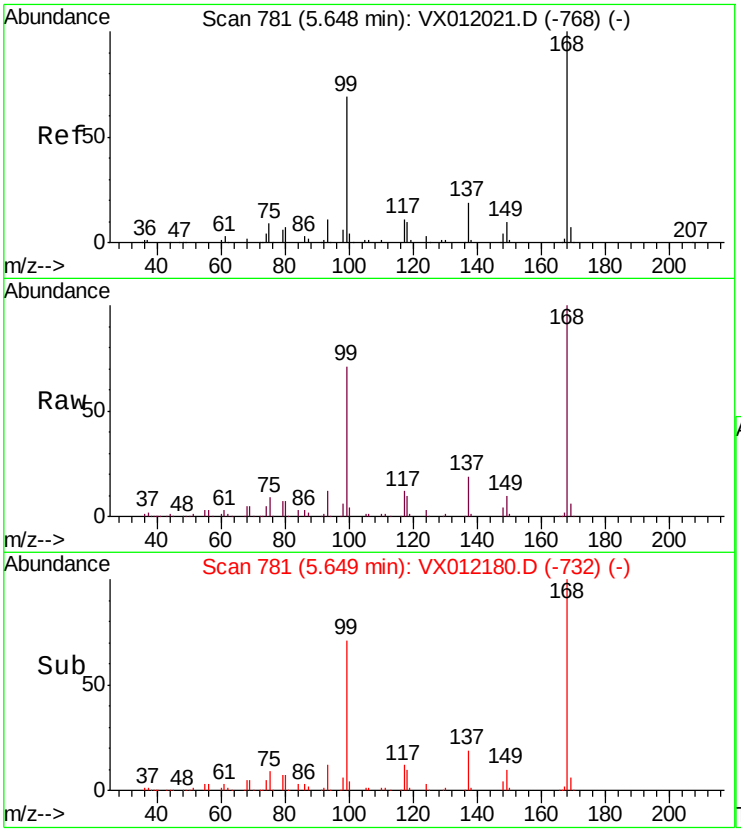
Quantitation Report (Not Reviewed)

Data File : VX012180.D
Acq On : 07 Sep 2019 17:03
Operator : SY/SP
Sample : K4602-09
Misc : 4.92g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Quant Time: Sep 08 07:43:32 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



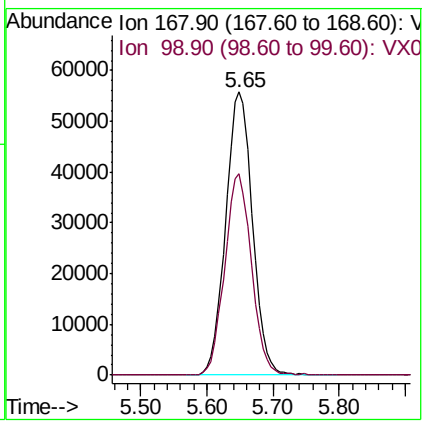


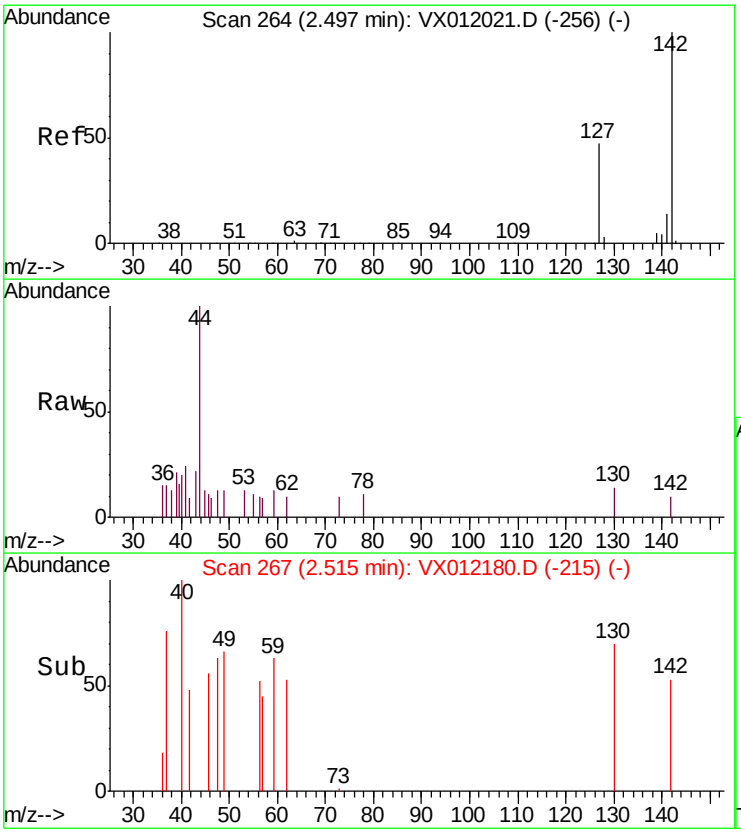
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion:168 Resp: 156793

Ion	Ratio	Lower	Upper
168	100		
99	71.2	37.6	56.4#

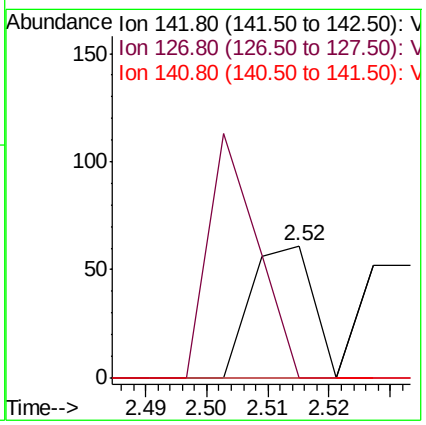


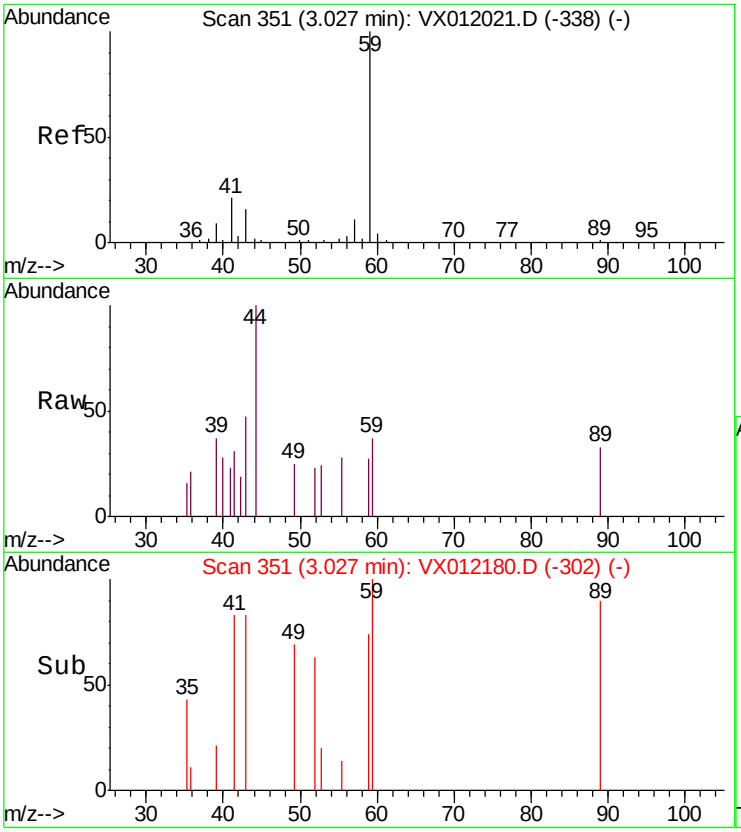


#10
Methyl Iodide
Concen: 7.011 ug/l
RT: 2.52 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion:142 Resp: 43

Ion	Ratio	Lower	Upper
142	100		
127	144.2	35.4	53.2#
141	0.0	11.4	17.2#



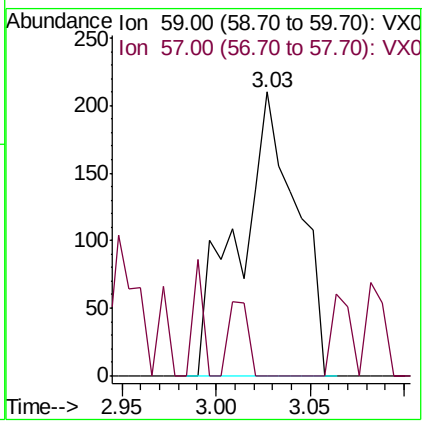


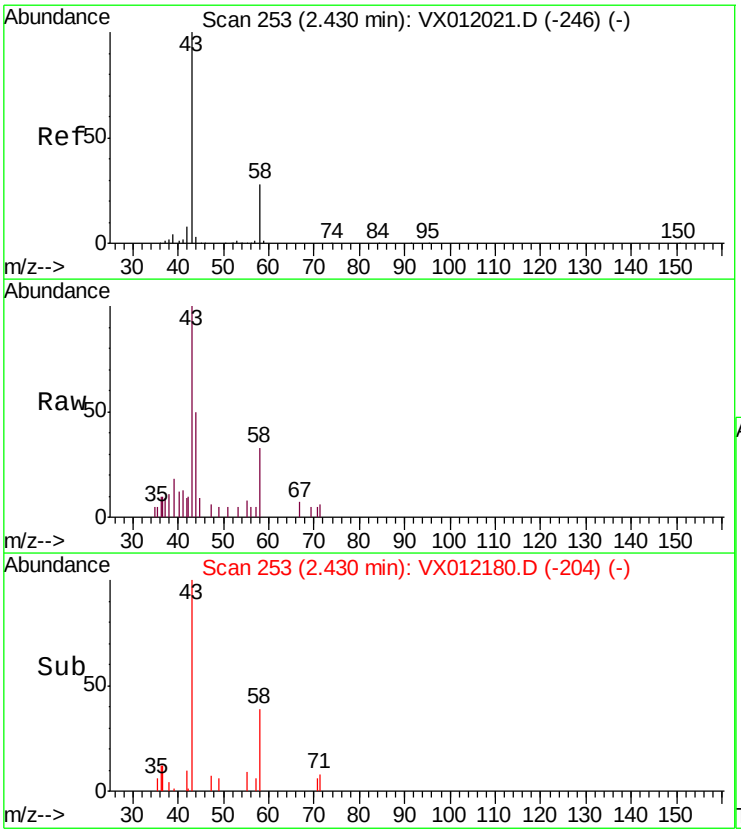
#11
Tert butyl alcohol
Concen: 2.166 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 59 Resp: 450

Ion	Ratio	Lower	Upper
59	100		
57	8.9	7.9	11.9

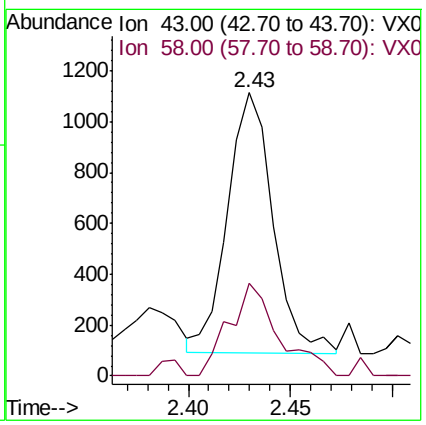


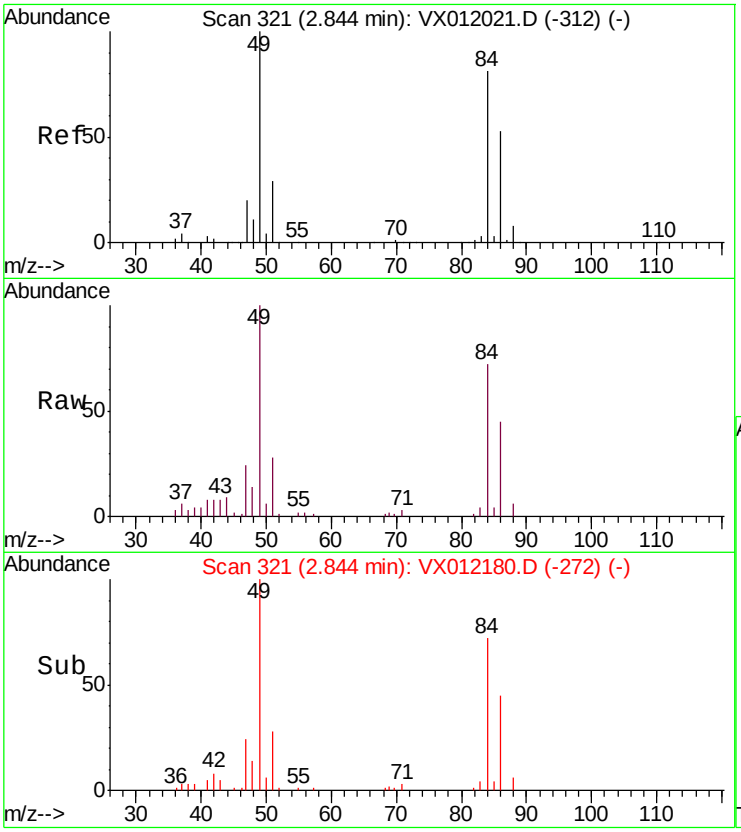


#16
Acetone
Concen: 3.046 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 43 Resp: 1575

Ion	Ratio	Lower	Upper
43	100		
58	36.3	22.8	34.2#



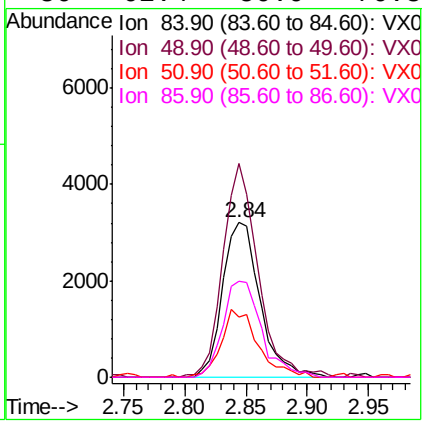


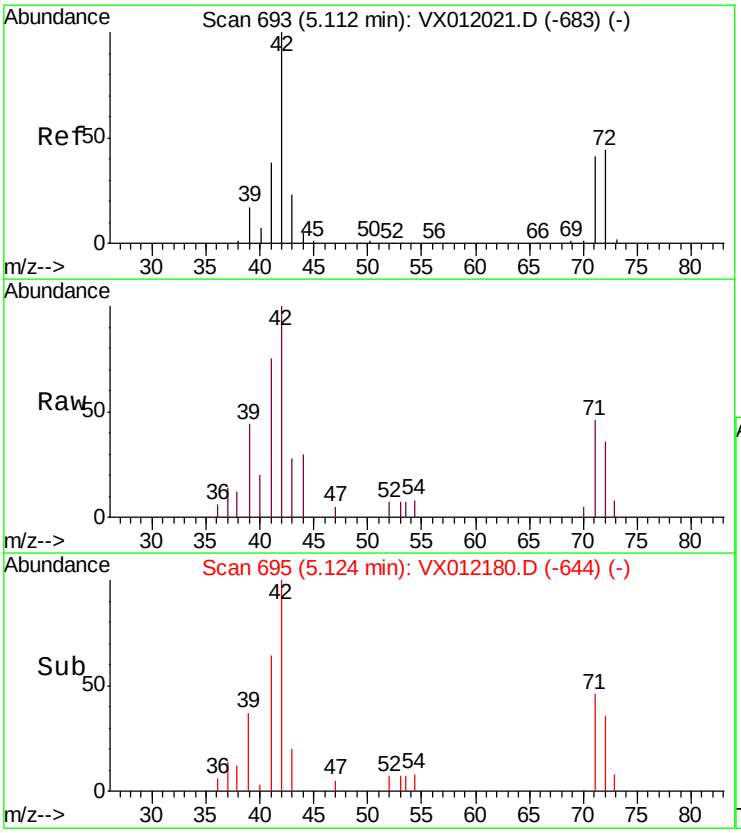
#20
Methylene Chloride
Concen: 3.284 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 84 Resp: 6819

Ion	Ratio	Lower	Upper
84	100		
49	138.2	95.8	143.8
51	38.7	28.6	43.0
86	62.4	50.9	76.3

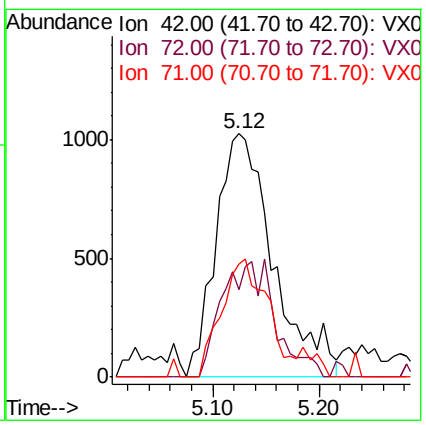


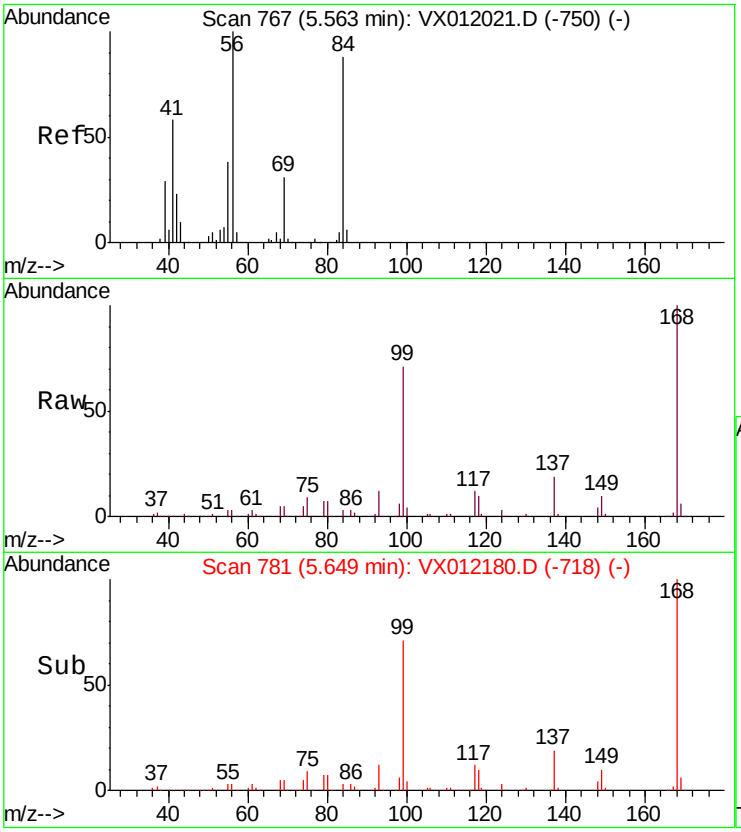


#29
Tetrahydrofuran
Concen: 9.738 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 42 Resp: 3862

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.0	55.4#
71	39.4	33.8	50.8



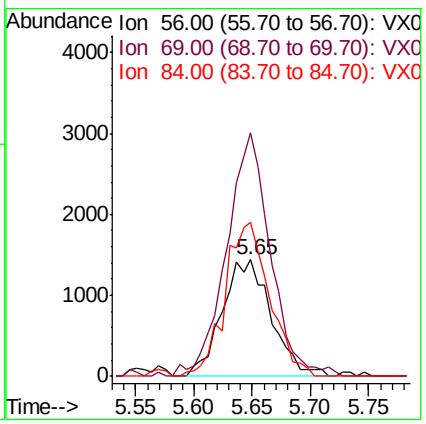


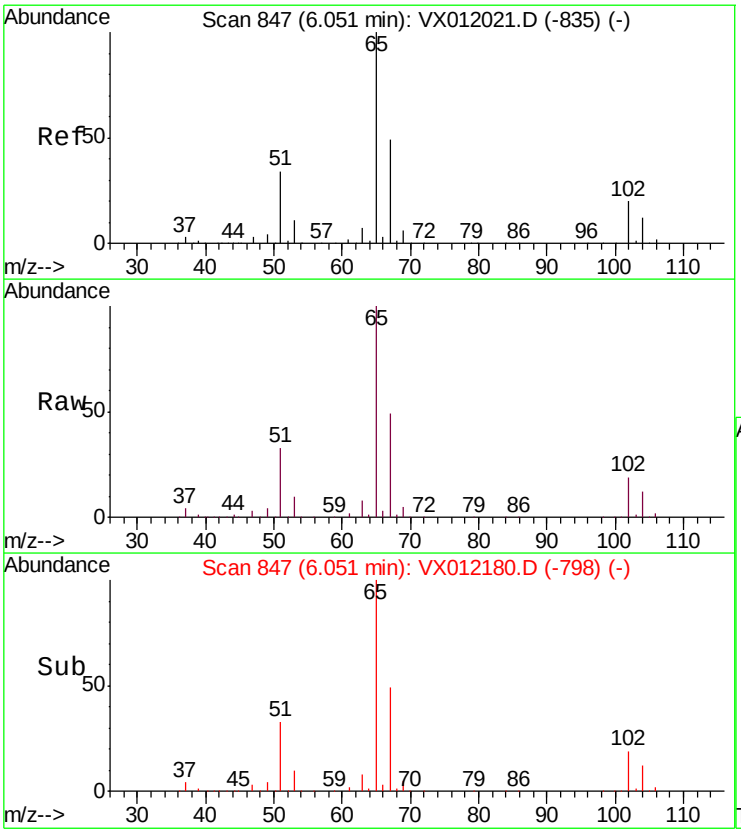
#31
Cyclohexane
Concen: 1.589 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 56 Resp: 4214

Ion	Ratio	Lower	Upper
56	100		
69	204.9	25.7	38.5#
84	131.7	70.3	105.5#

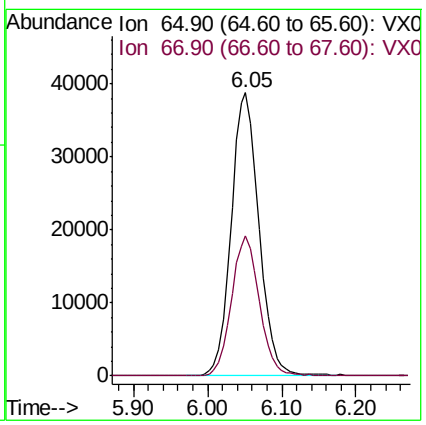


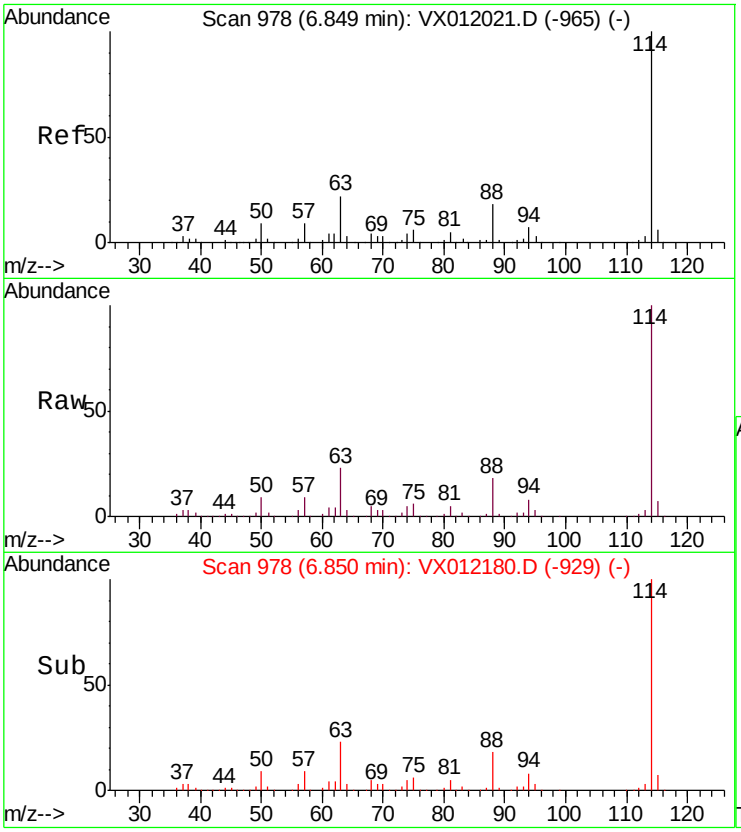


#33
1,2-Dichloroethane-d4
Concen: 46.766 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 65 Resp: 101176

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	102.0



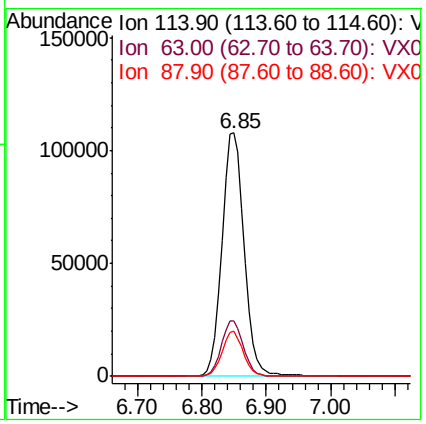


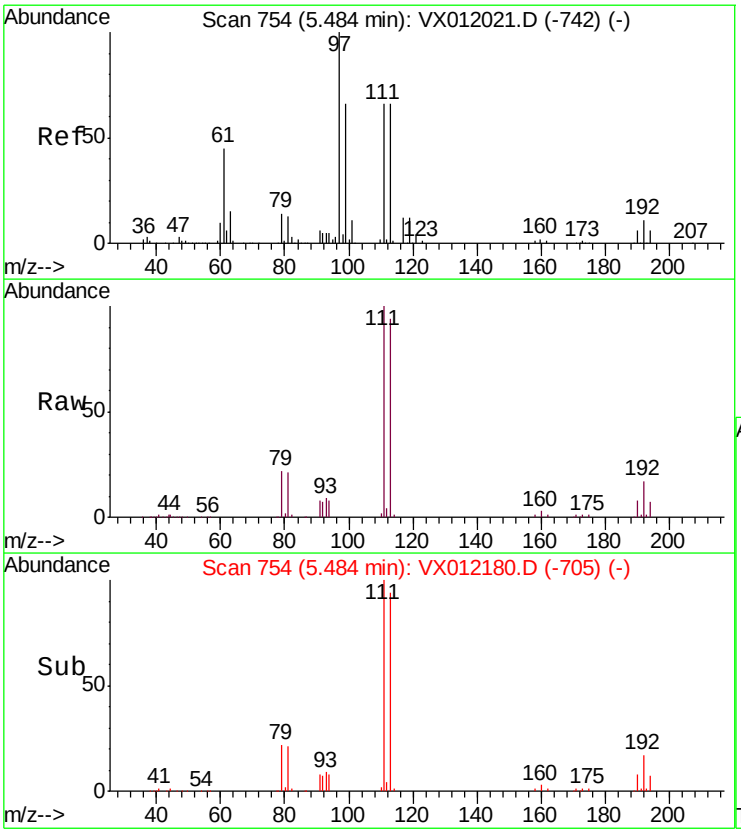
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion:114 Resp: 262858

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	37.4
88	18.4	0.0	29.6

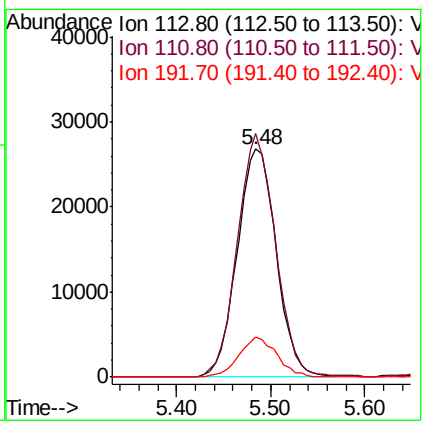


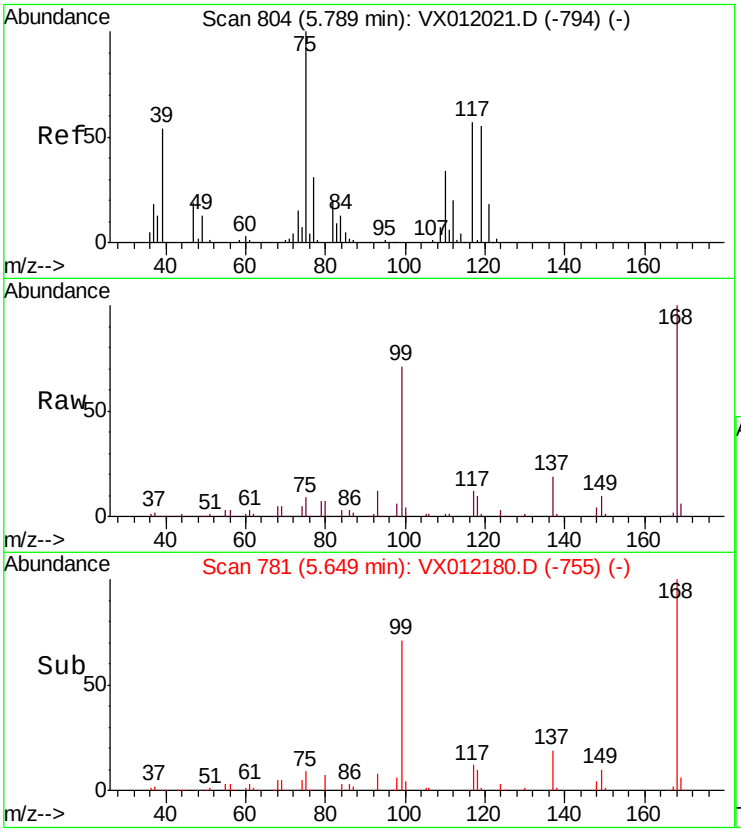


#35
Dibromofluoromethane
Concen: 47.913 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion:113 Resp: 77452

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.7	122.5
192	17.0	22.5	33.7#



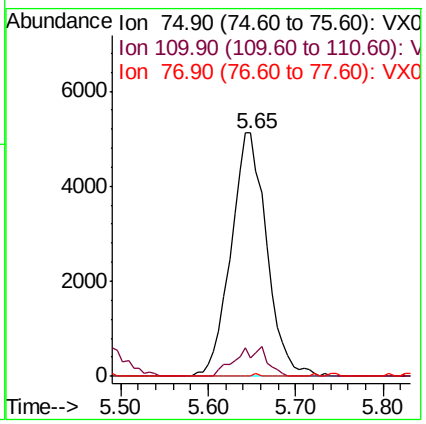


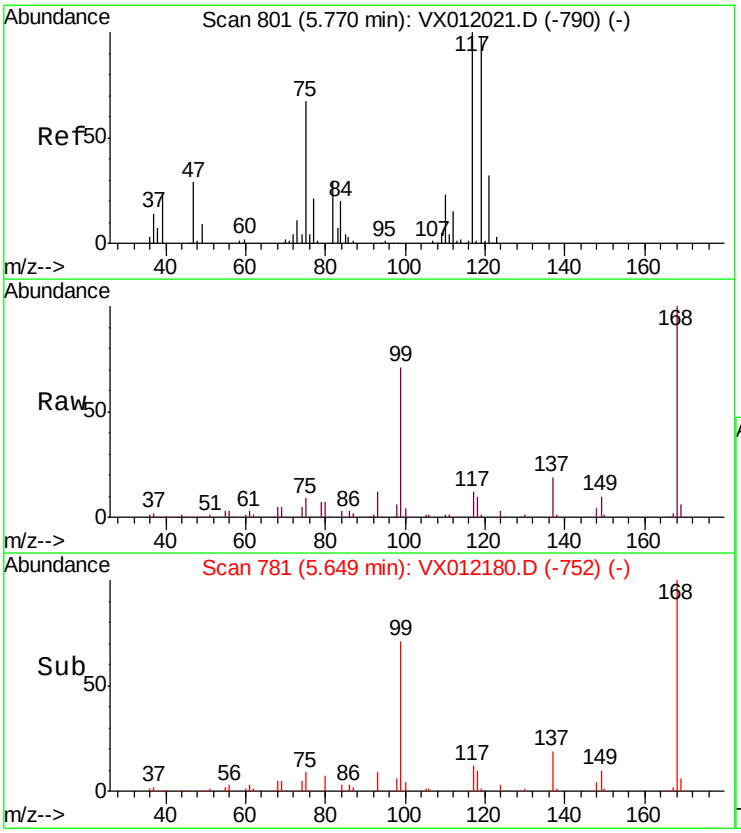
#36
1,1-Dichloropropene
Concen: 6.251 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 75 Resp: 14472

Ion	Ratio	Lower	Upper
75	100		
110	6.0	19.5	58.5#
77	0.1	24.6	37.0#

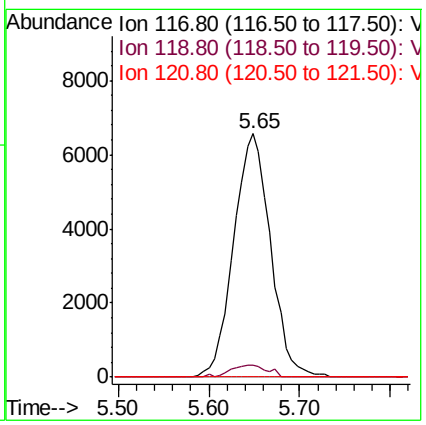


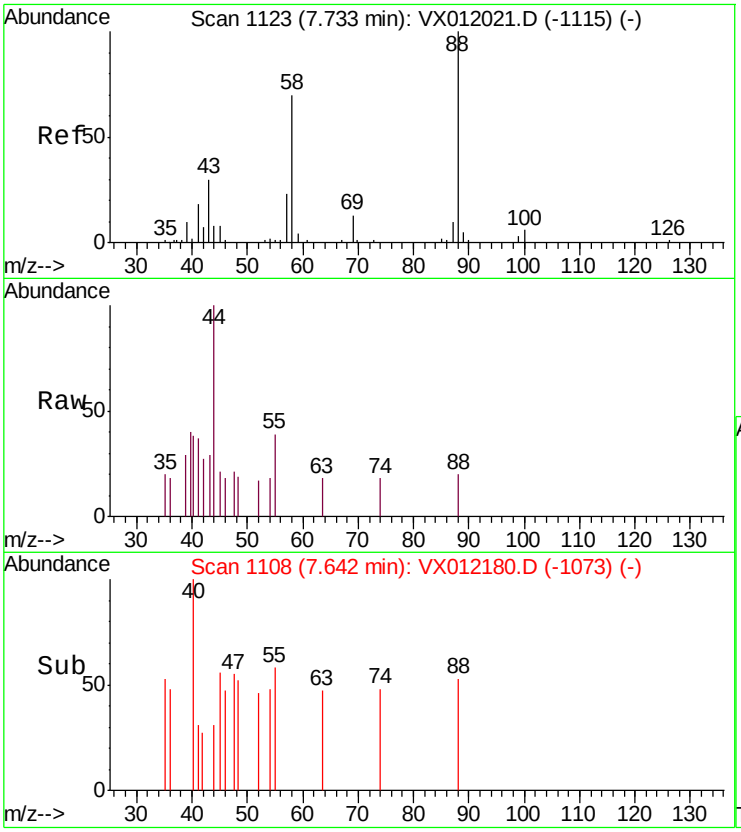


#38
Carbon Tetrachloride
Concen: 7.561 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion:117 Resp: 18445

Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.3	117.5#
121	0.0	24.2	36.2#



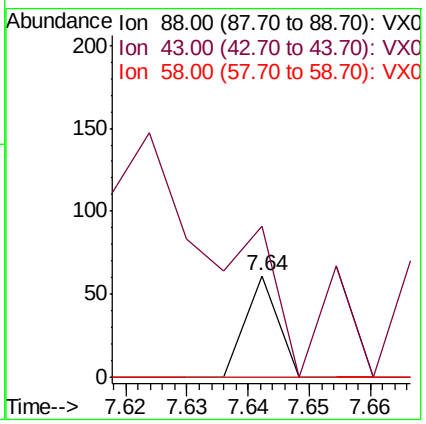


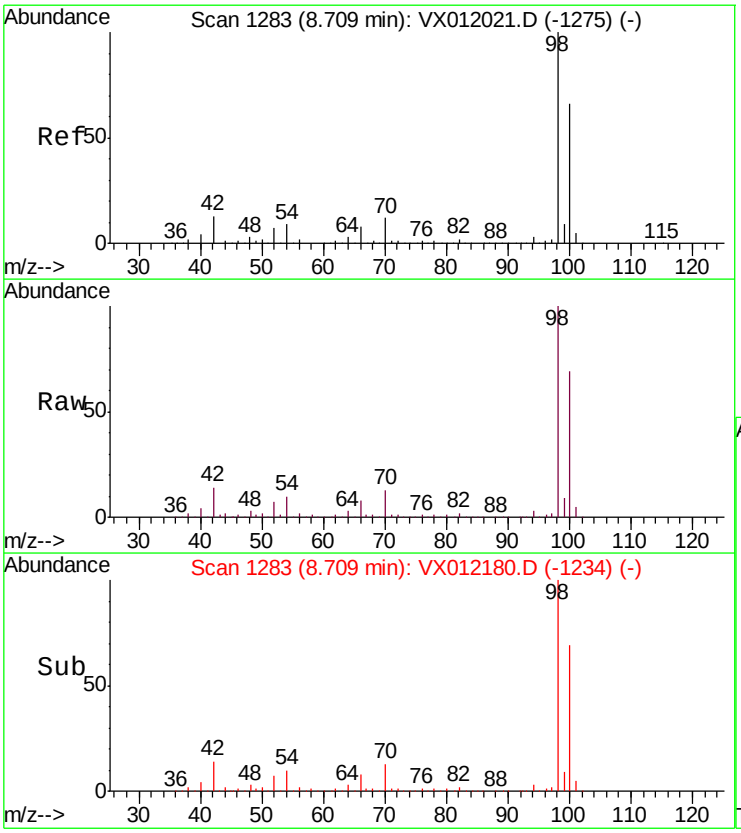
#49
1,4-Dioxane
Concen: 1.254 ug/l
RT: 7.64 min Scan# 1108
Delta R.T. -0.09 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	968.2	29.8	44.6#
58	0.0	55.4	83.2#

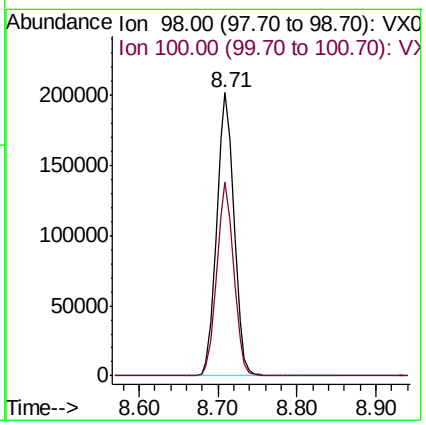


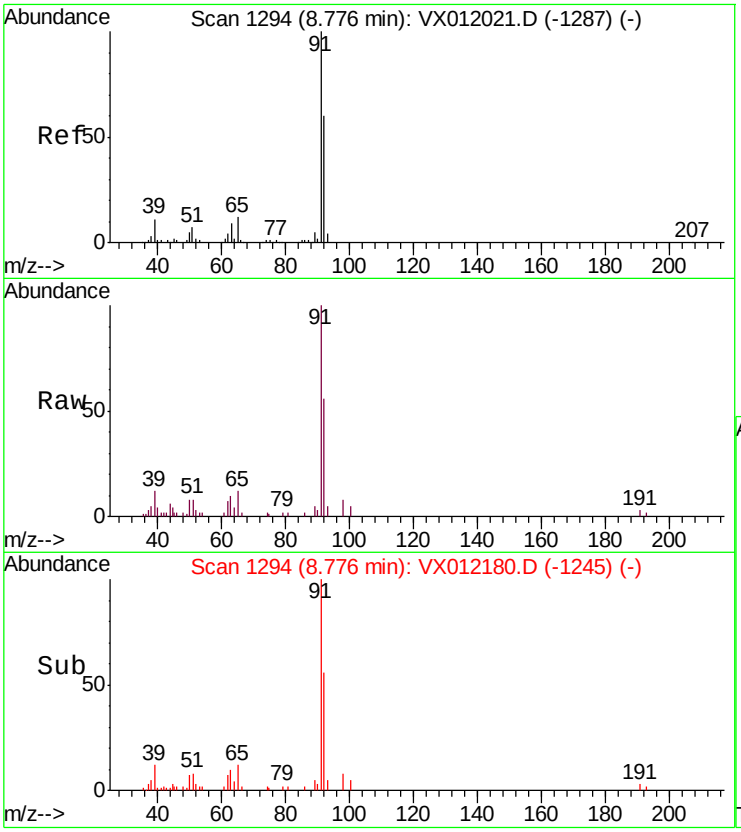


#50
Toluene-d8
Concen: 52.107 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 98 Resp: 309092

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9



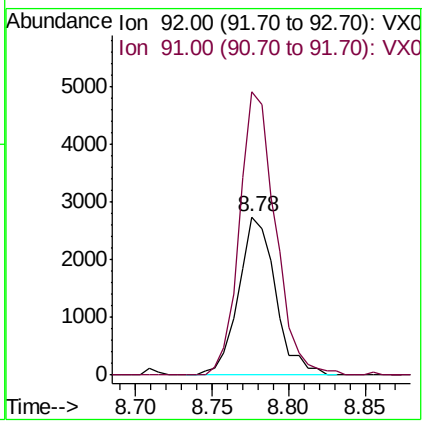


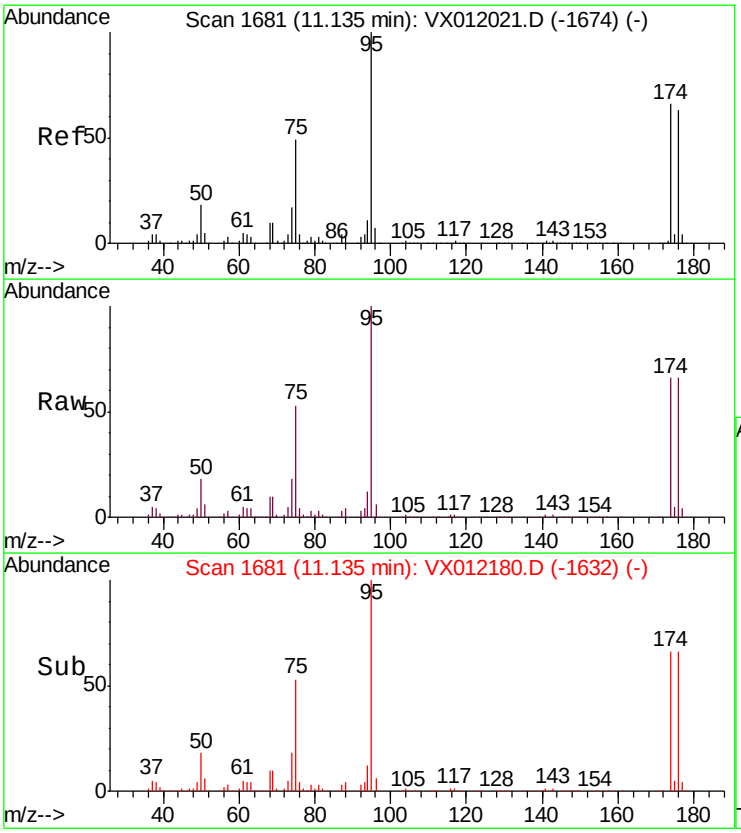
#52
Toluene
Concen: 1.064 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 92 Resp: 4600

Ion	Ratio	Lower	Upper
92	100		
91	174.7	136.0	204.0

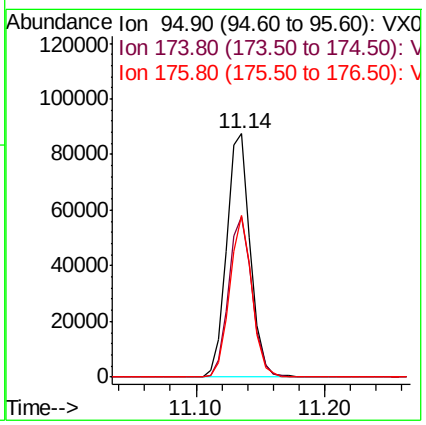


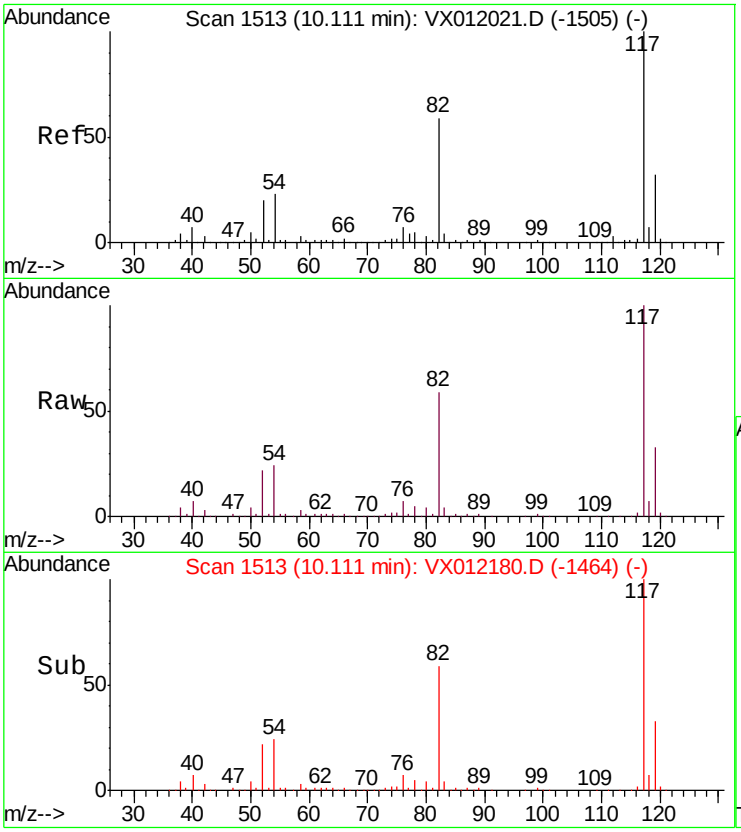


#62
4-Bromofluorobenzene
Concen: 40.972 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 95 Resp: 113028

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	205.4
176	62.5	0.0	201.8



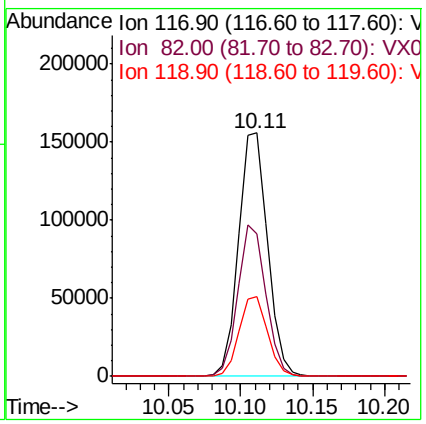


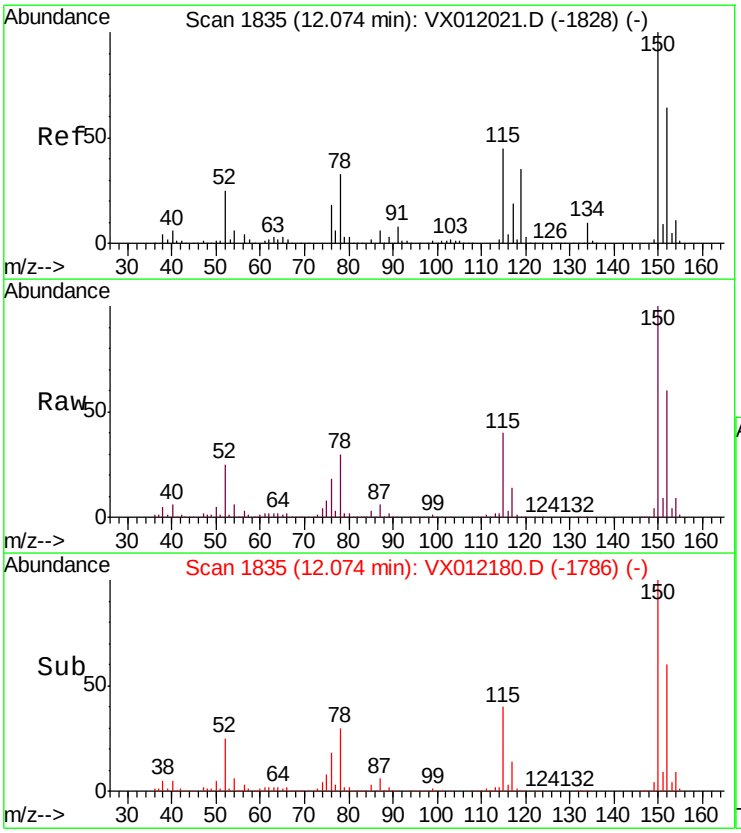
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion:117 Resp: 217816

Ion	Ratio	Lower	Upper
117	100		
82	58.6	39.4	59.0
119	32.6	26.1	39.1

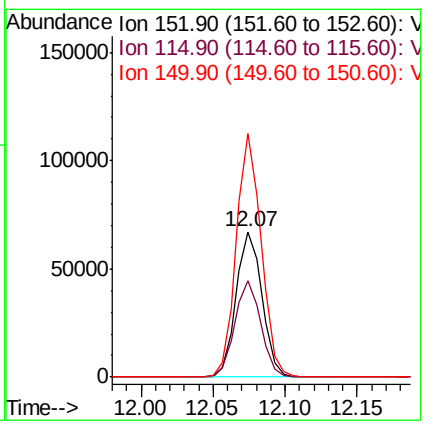


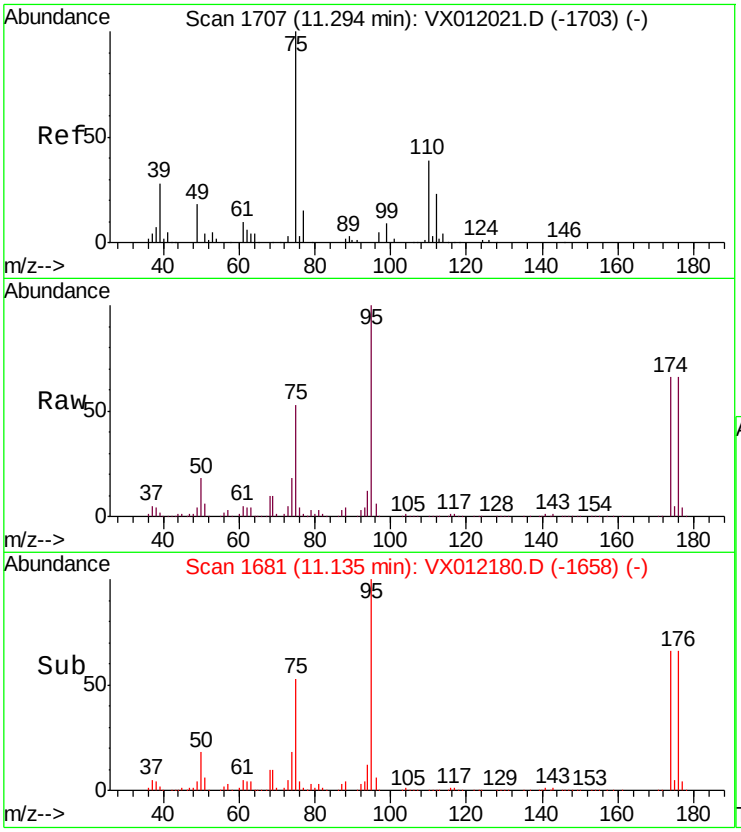


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion:152 Resp: 84399

Ion	Ratio	Lower	Upper
152	100		
115	66.8	36.4	109.3
150	160.6	0.0	341.2



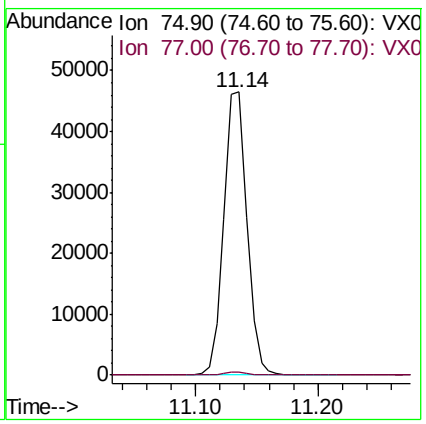


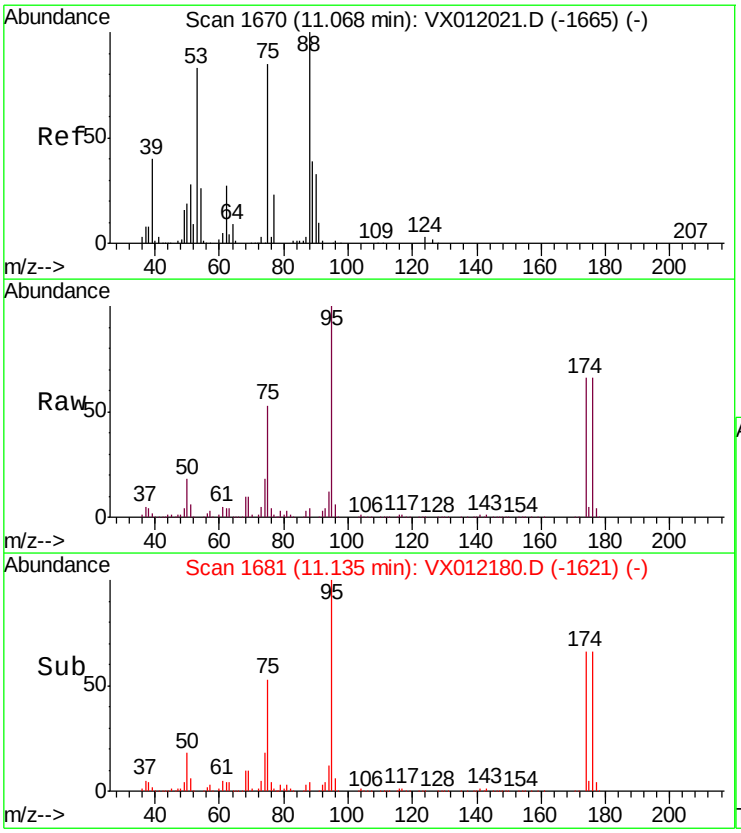
#76
1,2,3-Trichloropropane
Concen: 59.120 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 75 Resp: 60966

Ion	Ratio	Lower	Upper
75	100		
77	1.1	23.5	70.5#

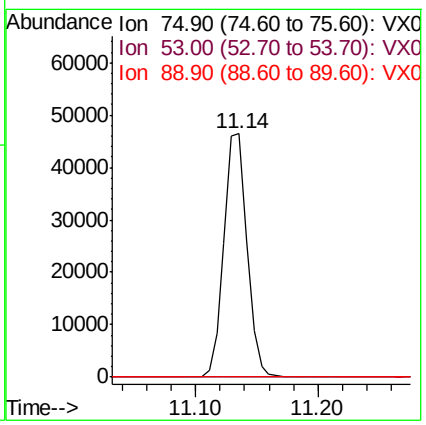


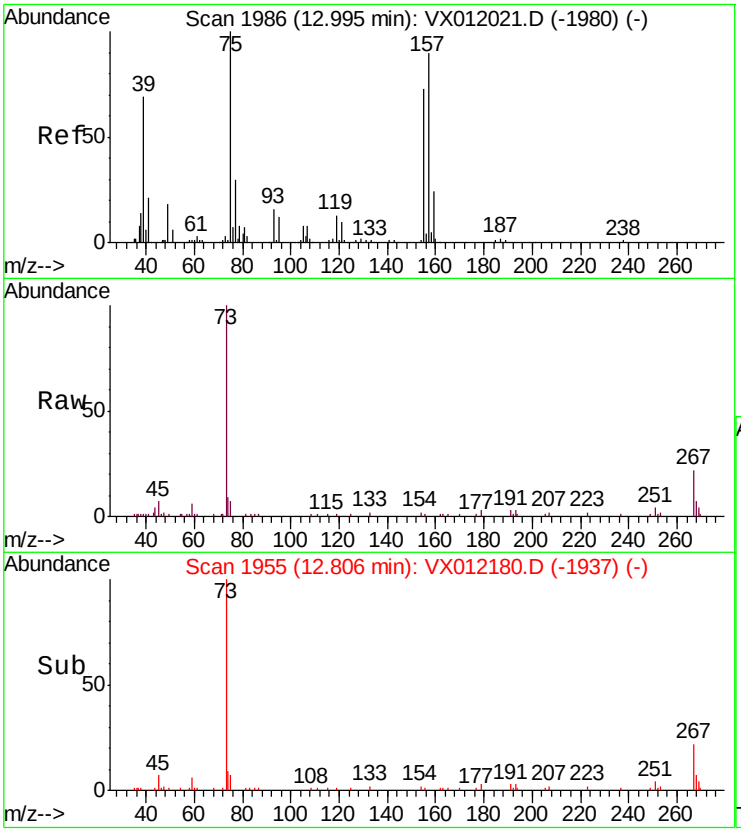


#81
trans-1,4-Dichloro-2-butene
Concen: 139.769 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Tgt Ion: 75 Resp: 60966

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.935 ug/l
RT: 12.81 min Scan# 1955
Delta R.T. -0.19 min
Lab File: VX012180.D
Acq: 07 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
PAR-C3-(0)

Tgt Ion: 75 Resp: 793

Ion	Ratio	Lower	Upper
75	100		
155	11.1	51.7	155.2#
157	0.0	66.9	200.7#