Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012000.D
Acq On : 01 Sep 2019 18:55
Operator : SY/SP
Sample : K4529-03
Misc : 4.42g/5.0mL/MSVOA_X/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T4-(0)

Quant Time: Sep 02 03:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	424090	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	547368	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	439214	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	175254	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	173482	42.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.40%				
35) Dibromofluoromethane	5.48	113	160767	45.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.60%				
50) Toluene-d8	8.71	98	588049	46.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.74%				
62) 4-Bromofluorobenzene	11.14	95	185825	33.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 67.52%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	3054	1.806	ug/l		91
10) Methyl Iodide	2.51	142	350	3.769	ug/l	#	72
11) Tert butyl alcohol	3.01	59	2260	5.781	ug/l		97
13) Acrolein	2.26	56	441	2.267	ug/l	#	1
16) Acetone	2.43	43	8001	9.152	ug/l		98
20) Methylene Chloride	2.84	84	30725	3.688	ug/l		96
29) Tetrahydrofuran	5.13	42	5659	7.121	ug/l		96
36) 1,1-Dichloropropene	5.65	75	25273	5.828	ug/l	#	50
38) Carbon Tetrachloride	5.64	117	35095	6.978	ug/l	#	16
49) 1,4-Dioxane	7.68	88	53	1.522	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	91589	53.126	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	91589	133.463	ug/l	#	11

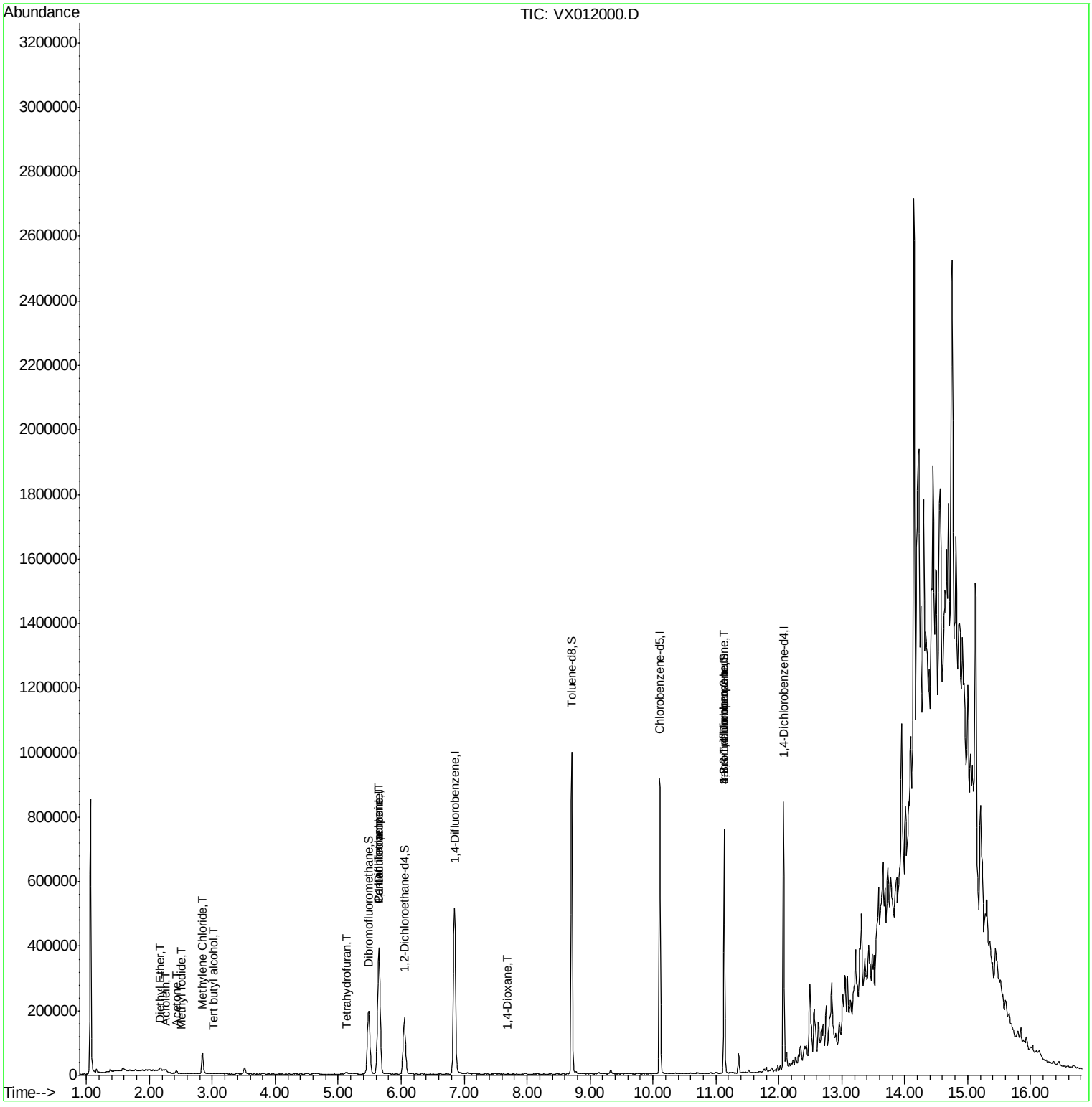
(#) = qualifier out of range (m) = manual integration (+) = signals summed

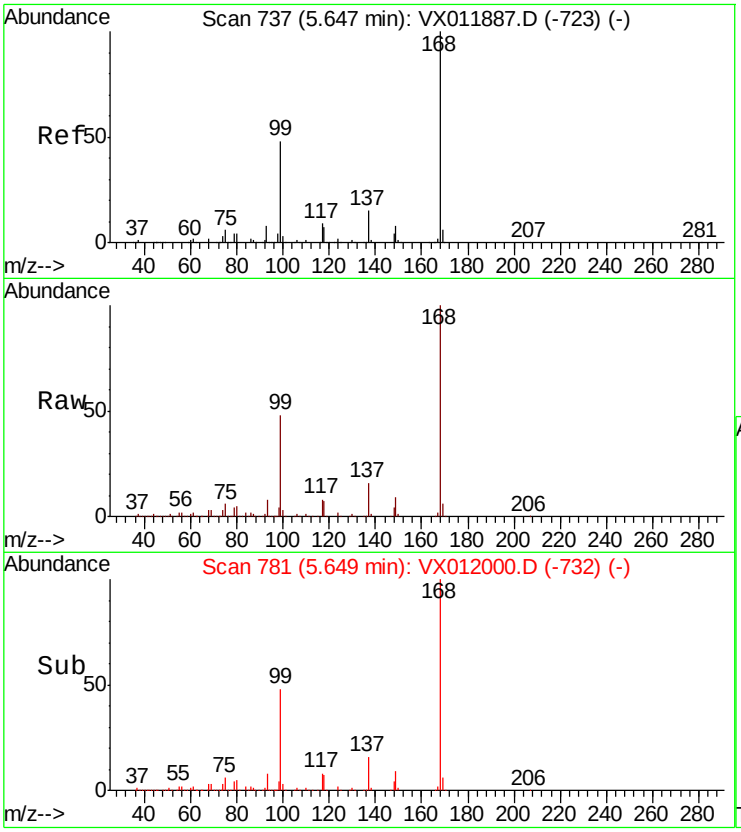
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012000.D
Acq On : 01 Sep 2019 18:55
Operator : SY/SP
Sample : K4529-03
Misc : 4.42g/5.0mL/MSVOA_X/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Quant Time: Sep 02 03:56:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration



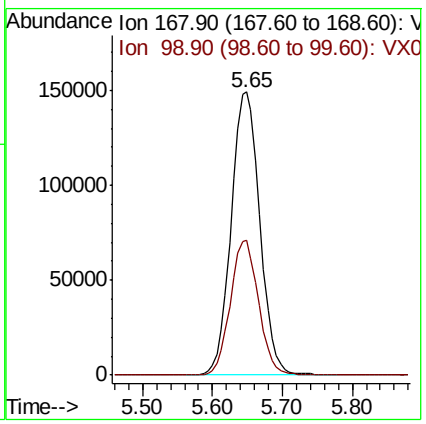


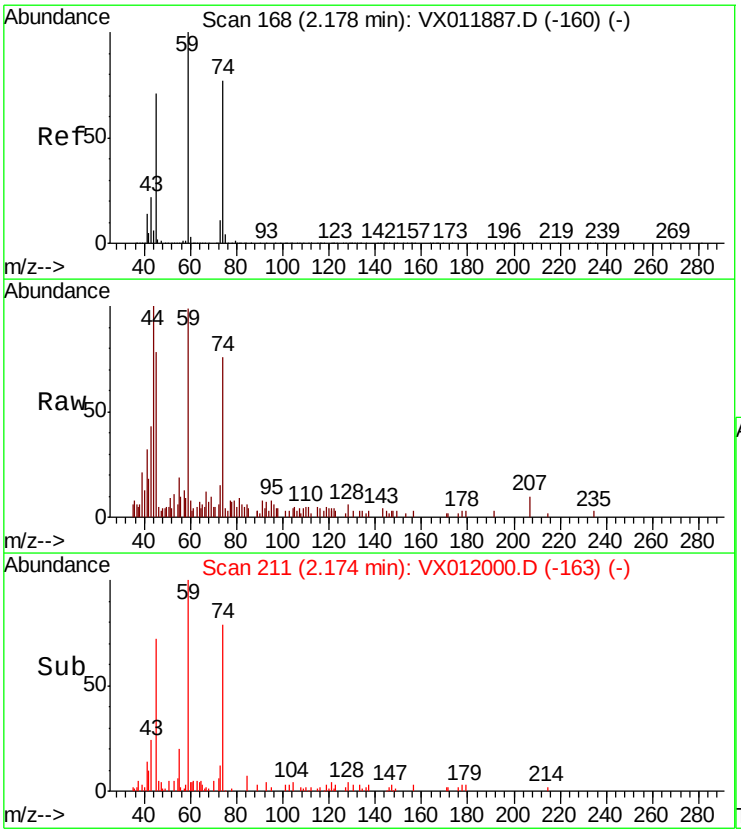
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion:168 Resp: 424090

Ion	Ratio	Lower	Upper
168	100		
99	47.6	38.4	57.6

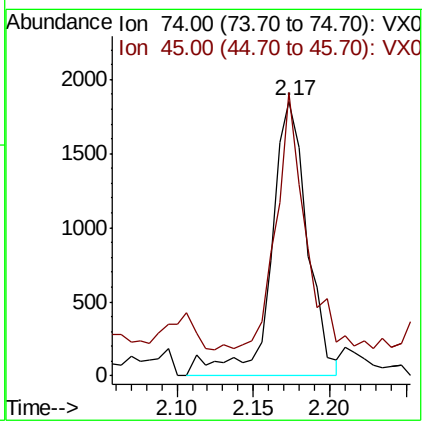


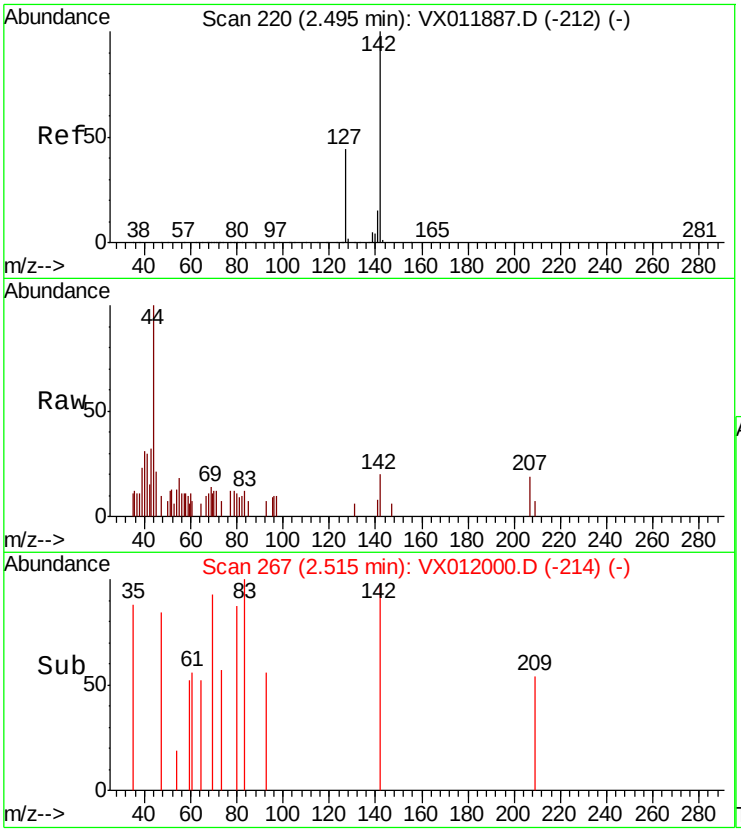


#8
Diethyl Ether
Concen: 1.806 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 74 Resp: 3054

Ion	Ratio	Lower	Upper
74	100		
45	84.7	46.7	140.1



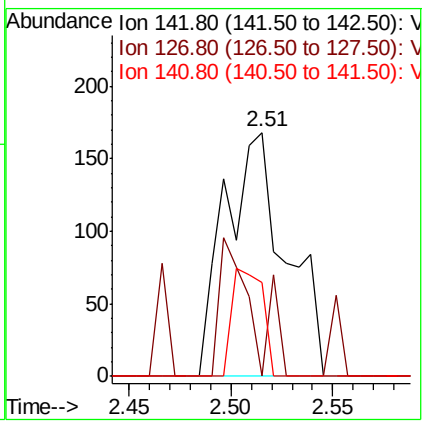


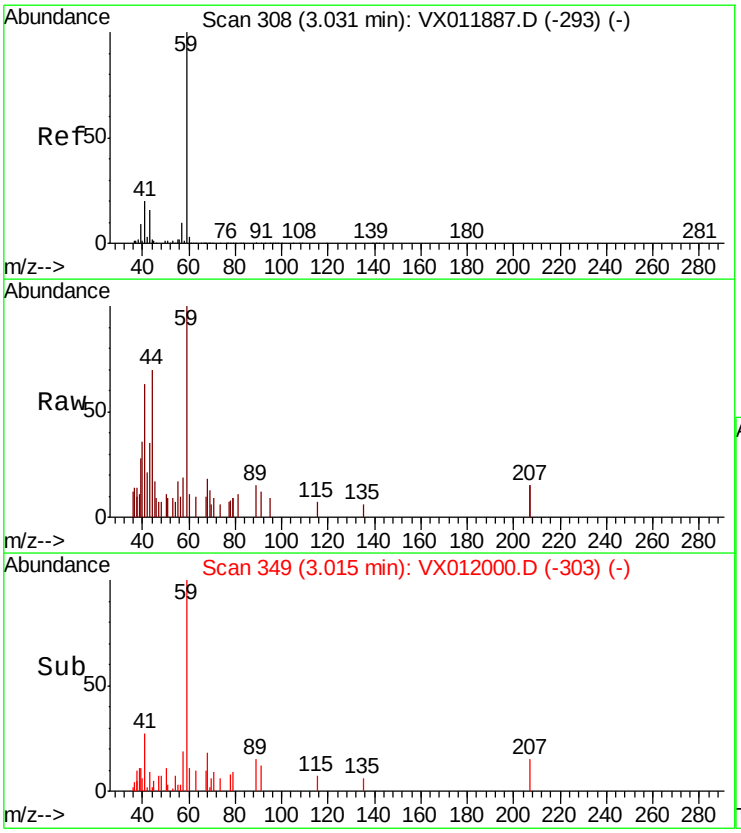
#10
Methyl Iodide
Concen: 3.769 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T4-(0)

Tgt Ion:142 Resp: 350

Ion	Ratio	Lower	Upper
142	100		
127	23.7	35.7	53.5#
141	21.7	11.8	17.6#

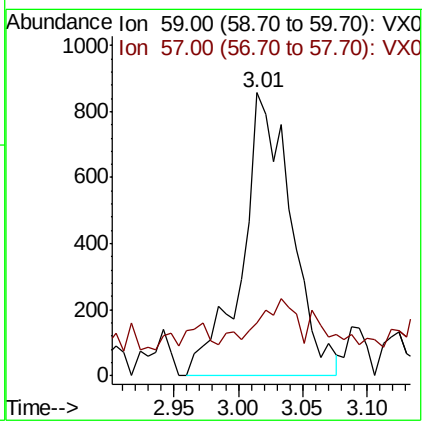


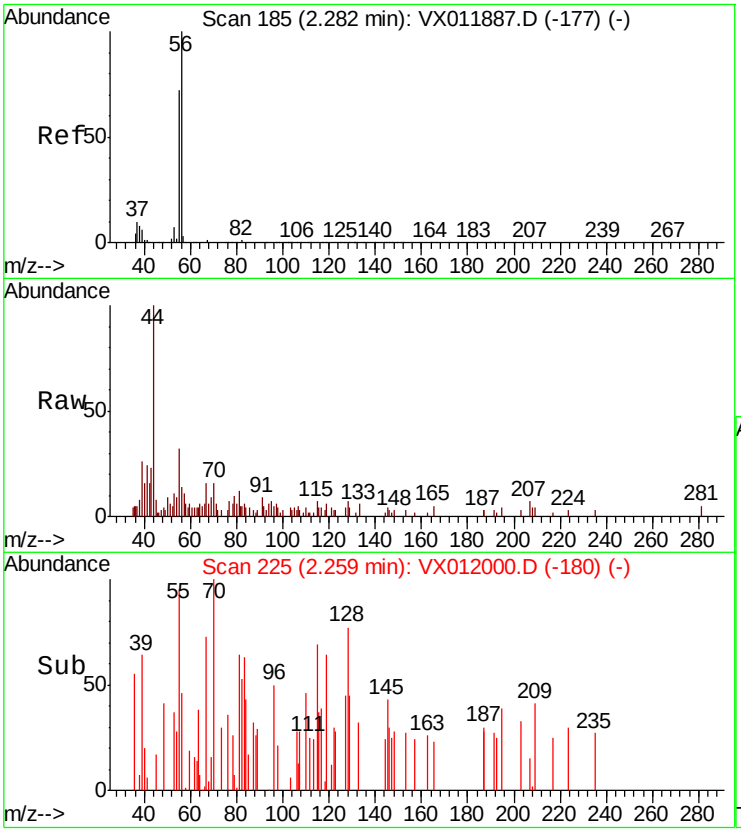


#11
Tert butyl alcohol
Concen: 5.781 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 59 Resp: 2260

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.6	12.8



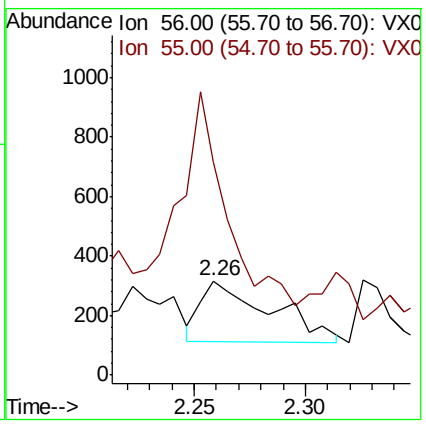


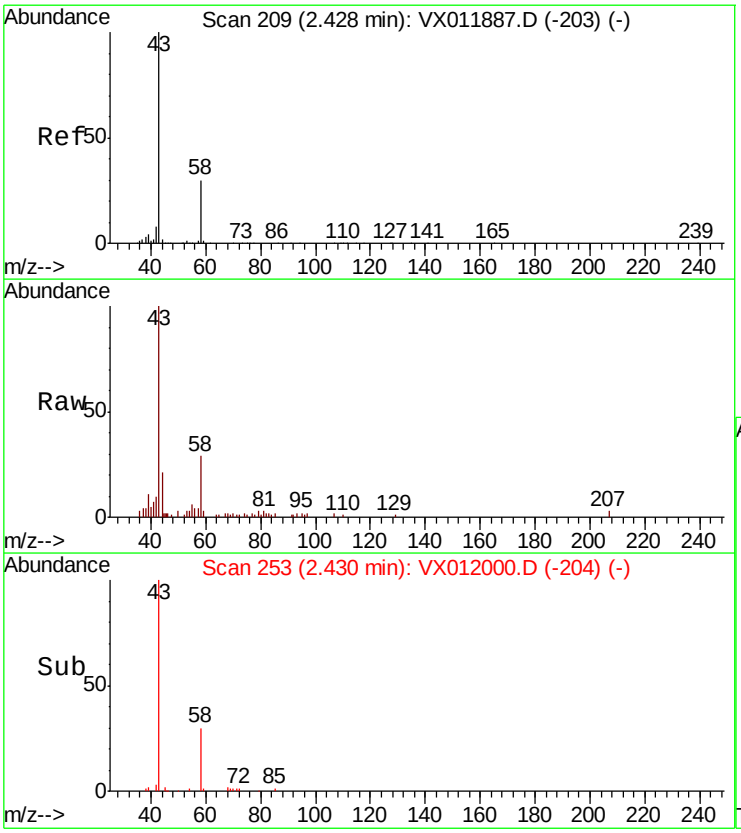
#13
Acrolein
Concen: 2.267 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T4-(0)

Tgt Ion: 56 Resp: 441

Ion	Ratio	Lower	Upper
56	100		
55	239.0	58.6	88.0#

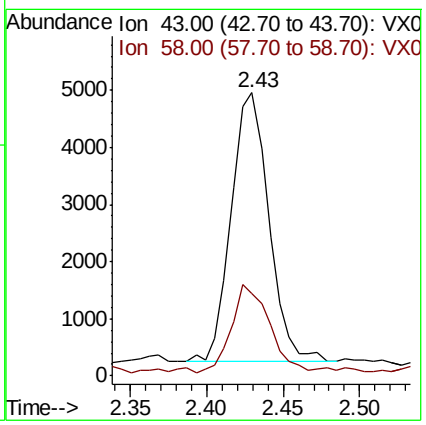


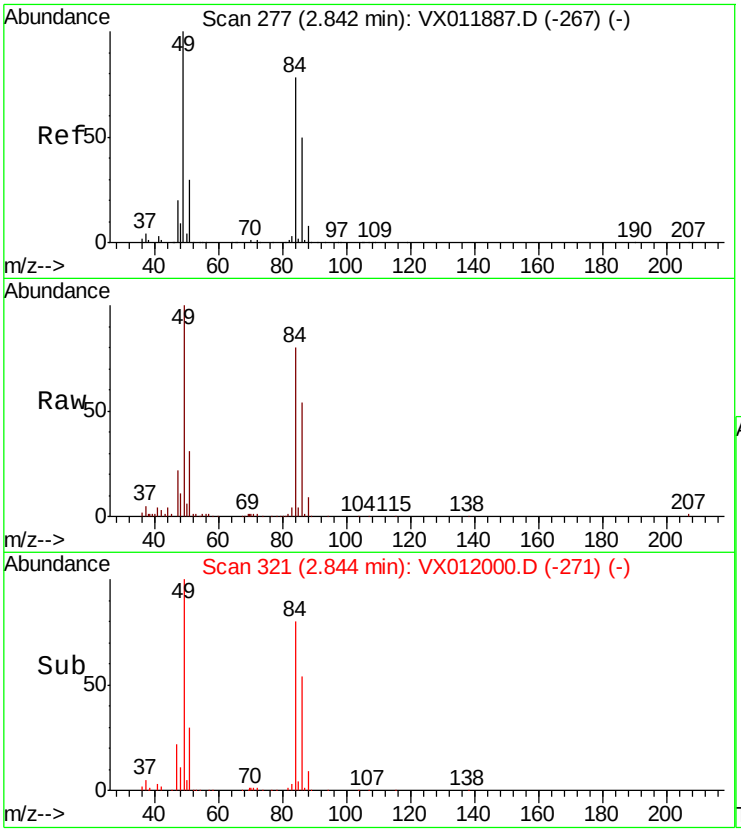


#16
Acetone
Concen: 9.152 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 43 Resp: 8001

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.8	35.8



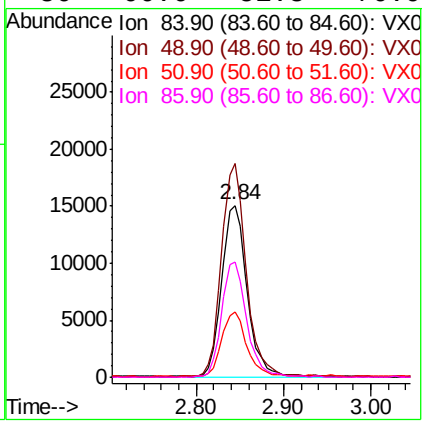


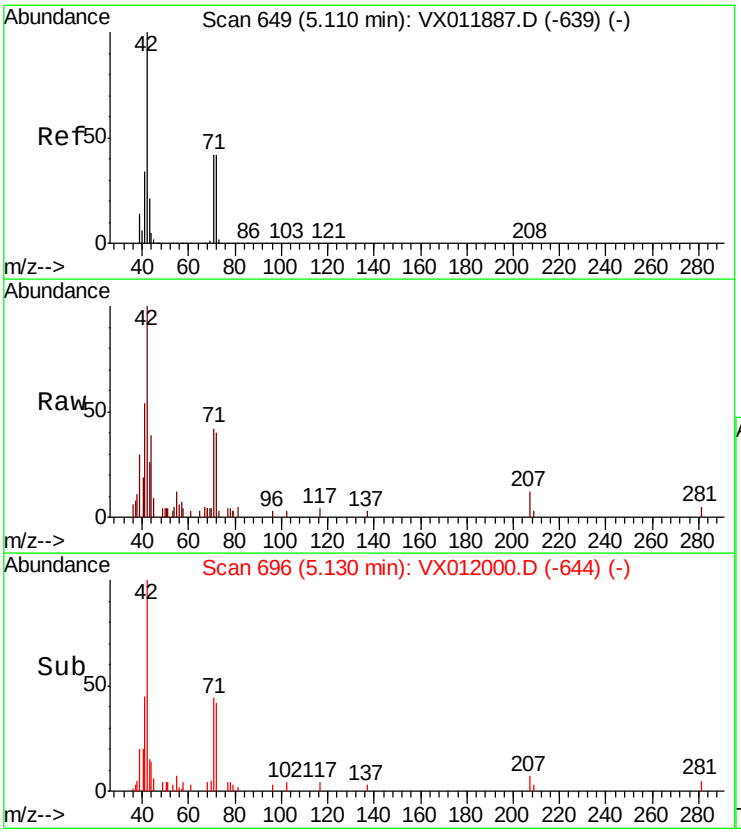
#20
Methylene Chloride
Concen: 3.688 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion: 84 Resp: 30725

Ion	Ratio	Lower	Upper
84	100		
49	123.8	103.0	154.4
51	37.5	30.8	46.2
86	66.6	51.3	76.9

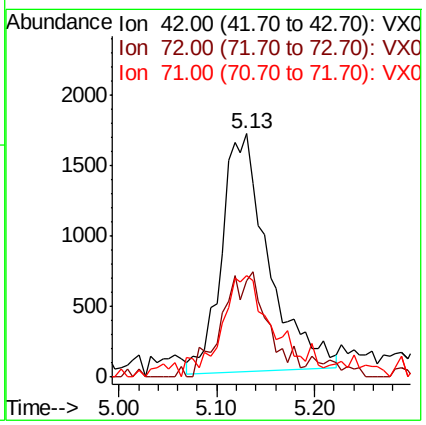


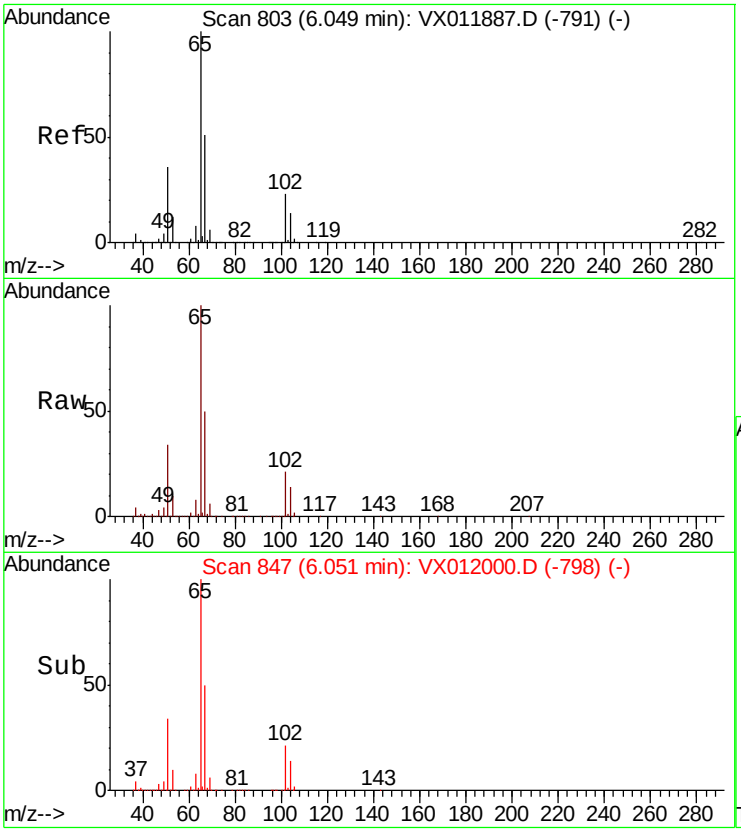


#29
Tetrahydrofuran
Concen: 7.121 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 42 Resp: 5659

Ion	Ratio	Lower	Upper
42	100		
72	43.6	36.2	54.4
71	37.6	33.1	49.7



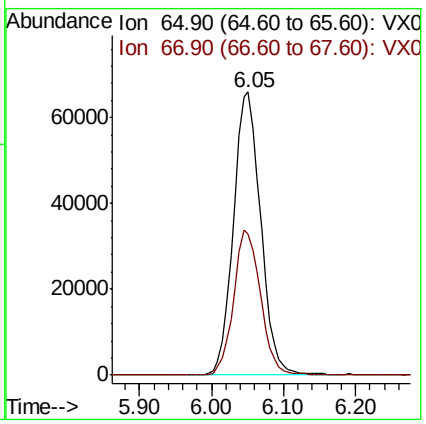


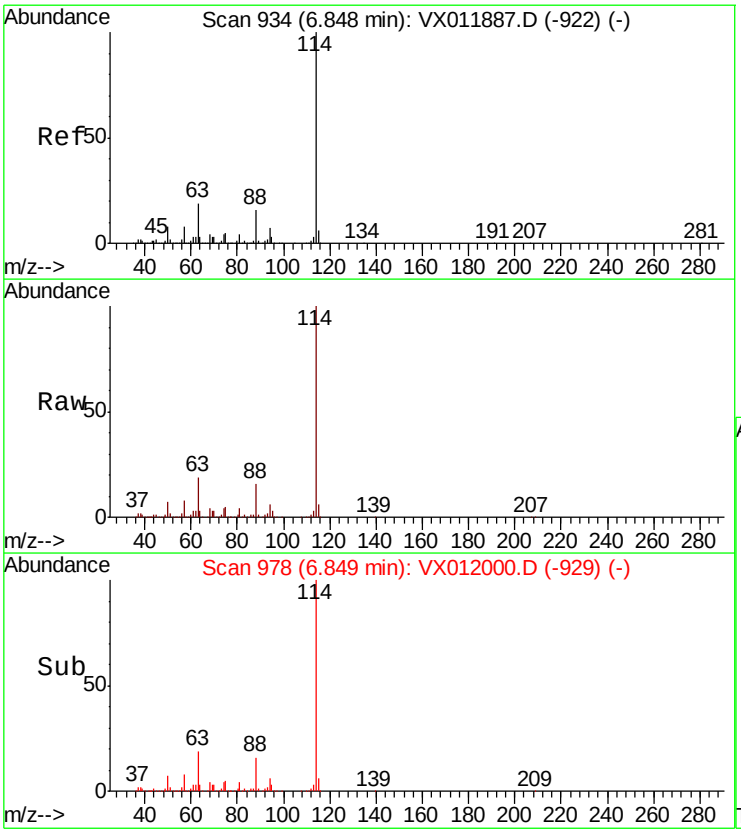
#33
1,2-Dichloroethane-d4
Concen: 42.696 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion: 65 Resp: 173482

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	102.2

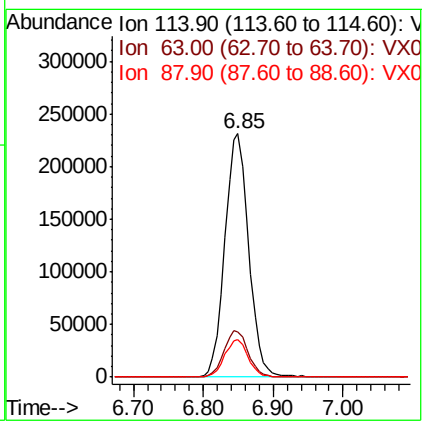


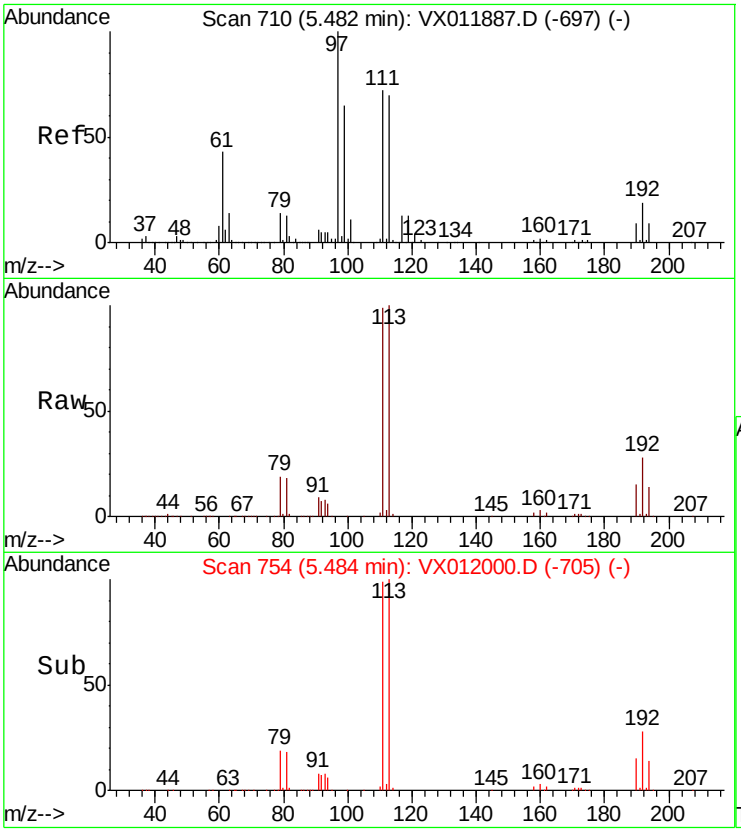


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion:114 Resp: 547368

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.8
88	15.5	0.0	31.2



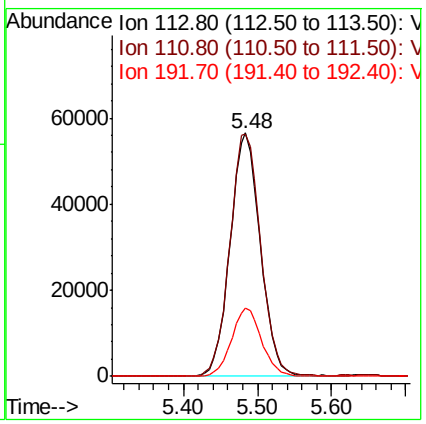


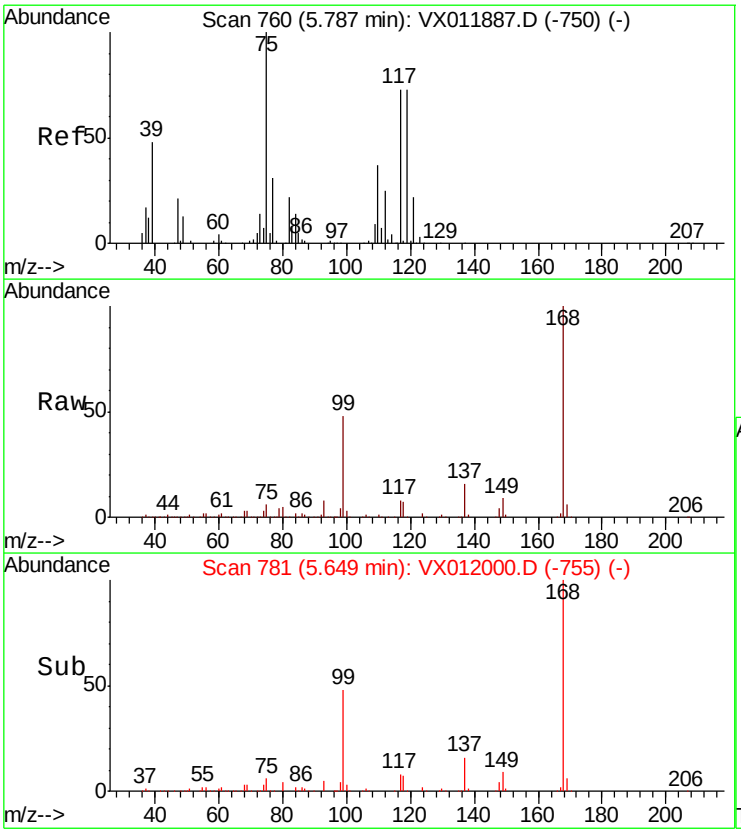
#35
Dibromofluoromethane
Concen: 45.803 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion:113 Resp: 160767

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	27.8	21.5	32.3

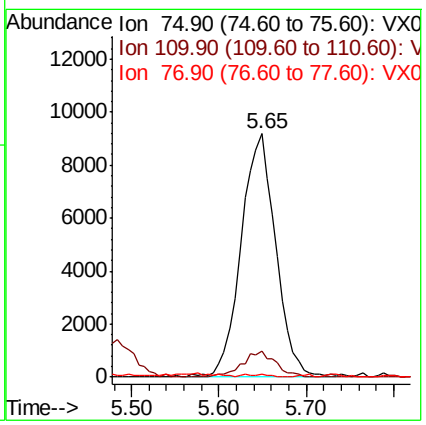


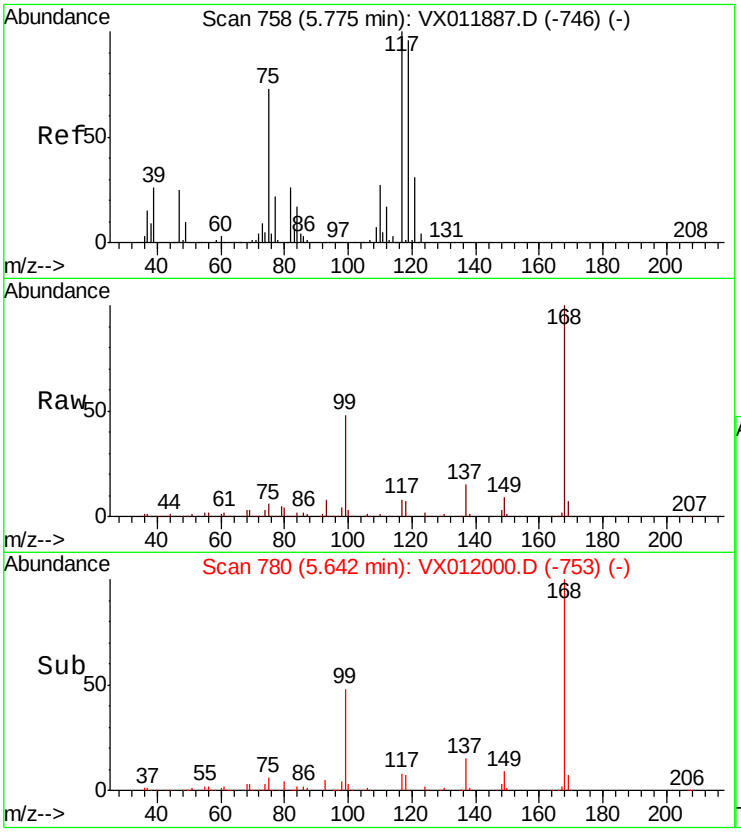


#36
1,1-Dichloropropene
Concen: 5.828 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 75 Resp: 25273

Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.1	57.3#
77	0.4	24.4	36.6#



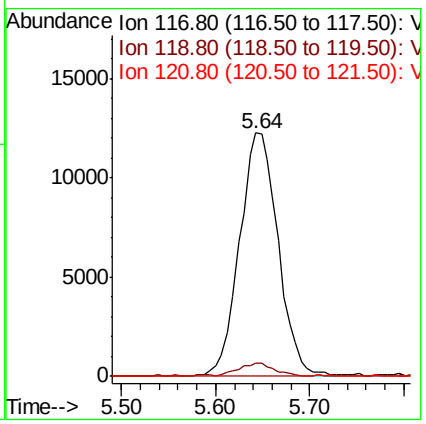


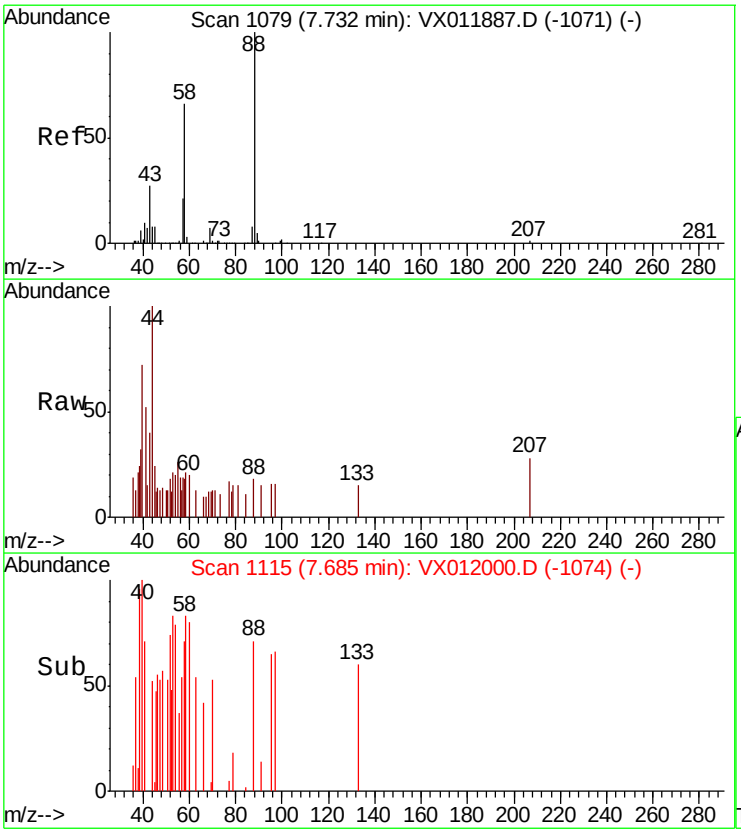
#38
Carbon Tetrachloride
Concen: 6.978 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion:117 Resp: 35095

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.6	114.8#
121	0.0	24.7	37.1#

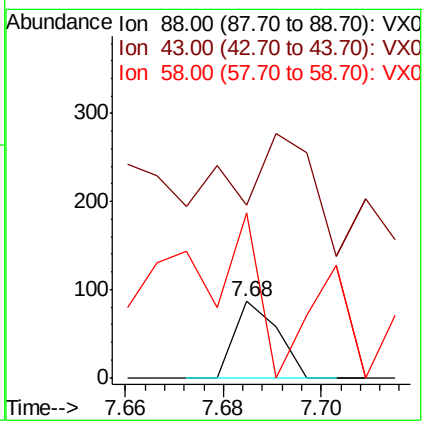


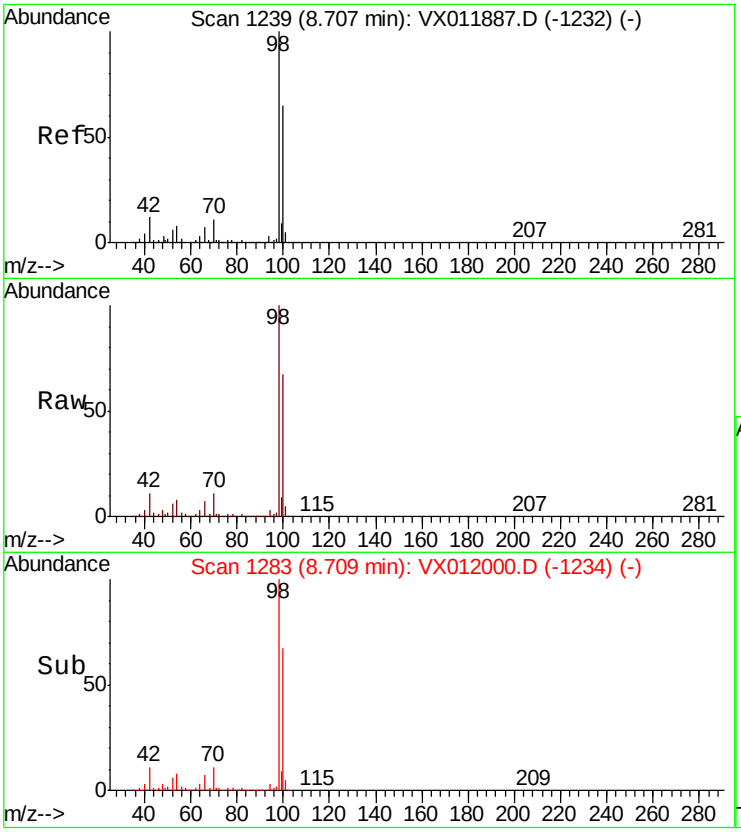


#49
1,4-Dioxane
Concen: 1.522 ug/l
RT: 7.68 min Scan# 1115
Delta R.T. -0.05 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	258.5	27.3	40.9#
58	530.2	53.9	80.9#



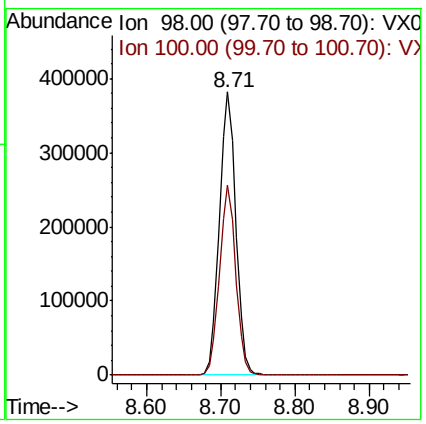


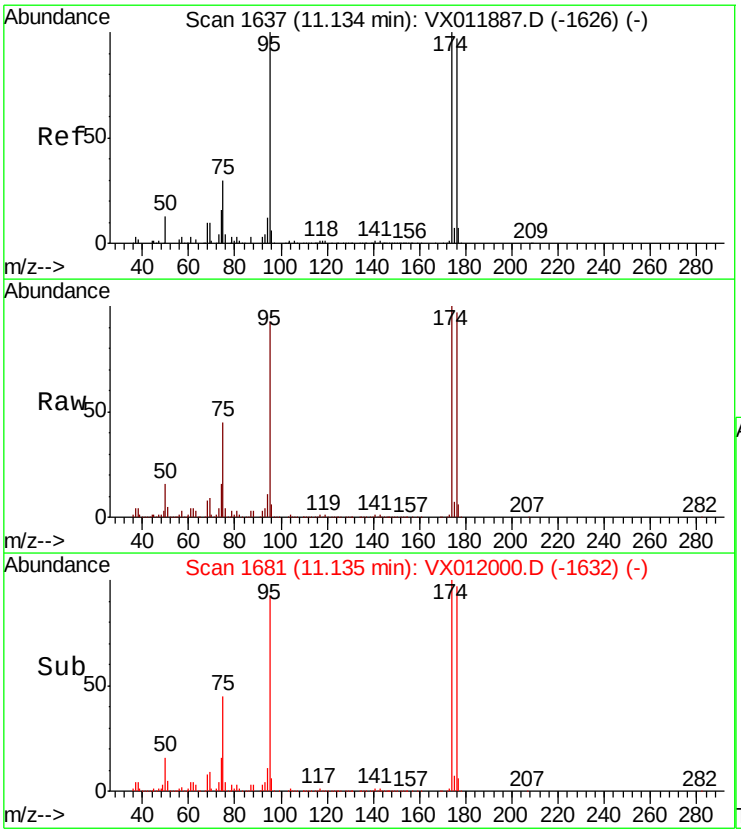
#50
Toluene-d8
Concen: 46.868 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion: 98 Resp: 588049

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.6

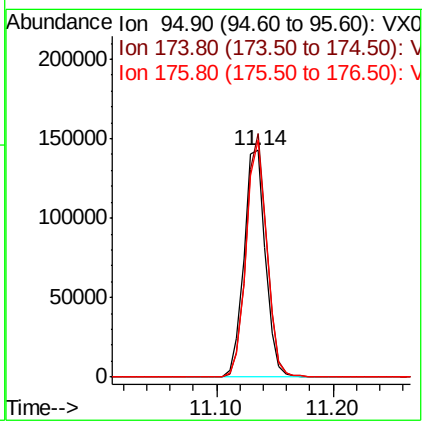


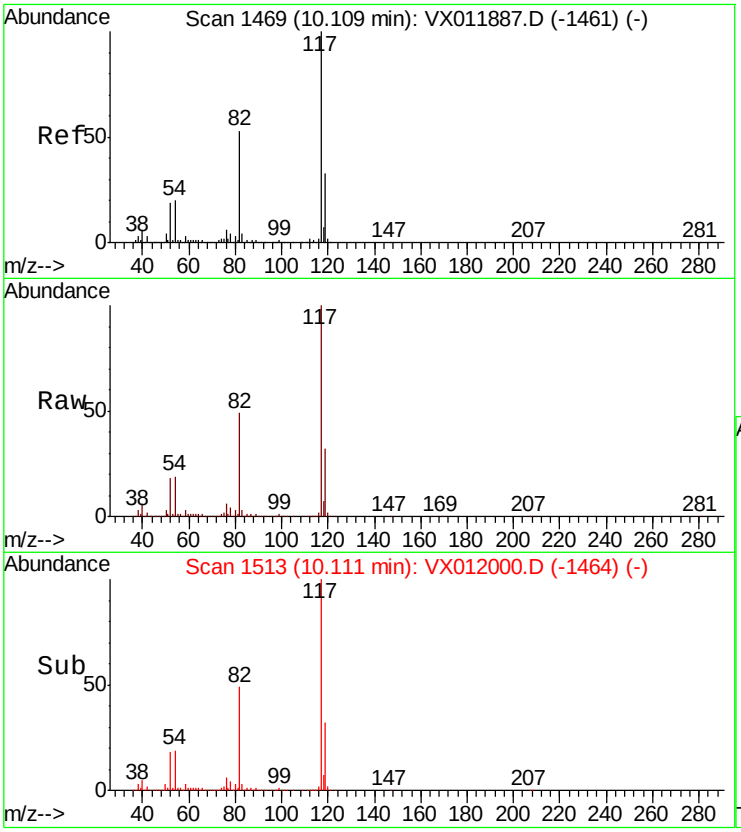


#62
4-Bromofluorobenzene
Concen: 33.762 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 95 Resp: 185825

Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	196.0
176	100.2	0.0	191.4



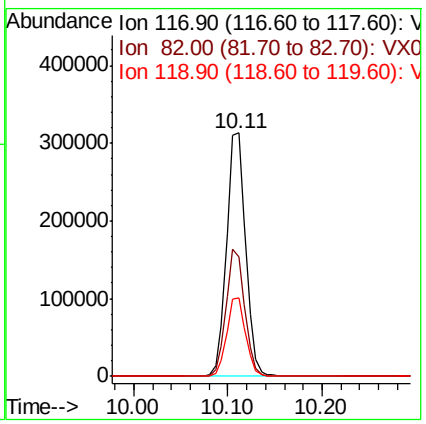


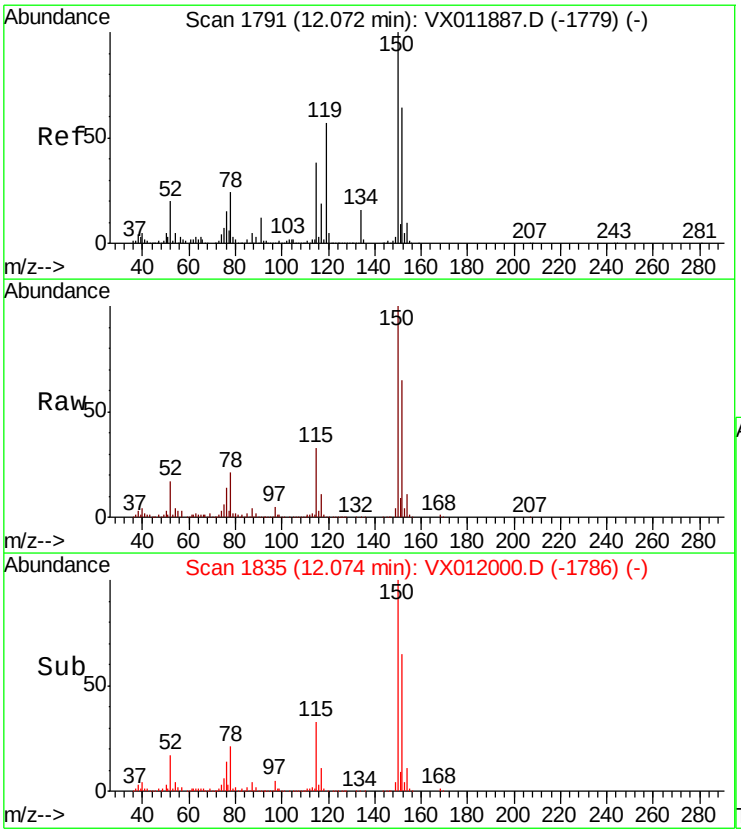
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion:117 Resp: 439214

Ion	Ratio	Lower	Upper
117	100		
82	49.0	42.0	63.0
119	32.1	26.2	39.4

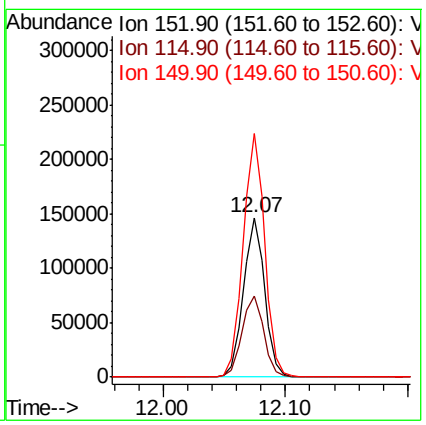


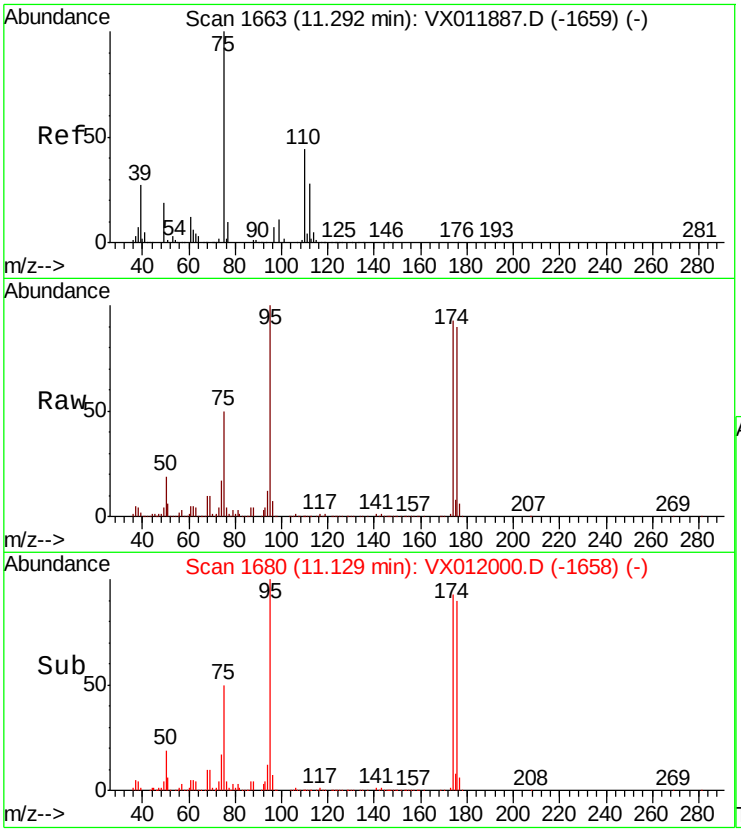


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion:152 Resp: 175254

Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.1	111.3
150	155.3	0.0	339.6



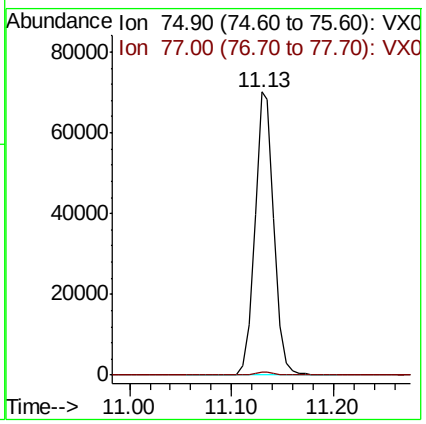


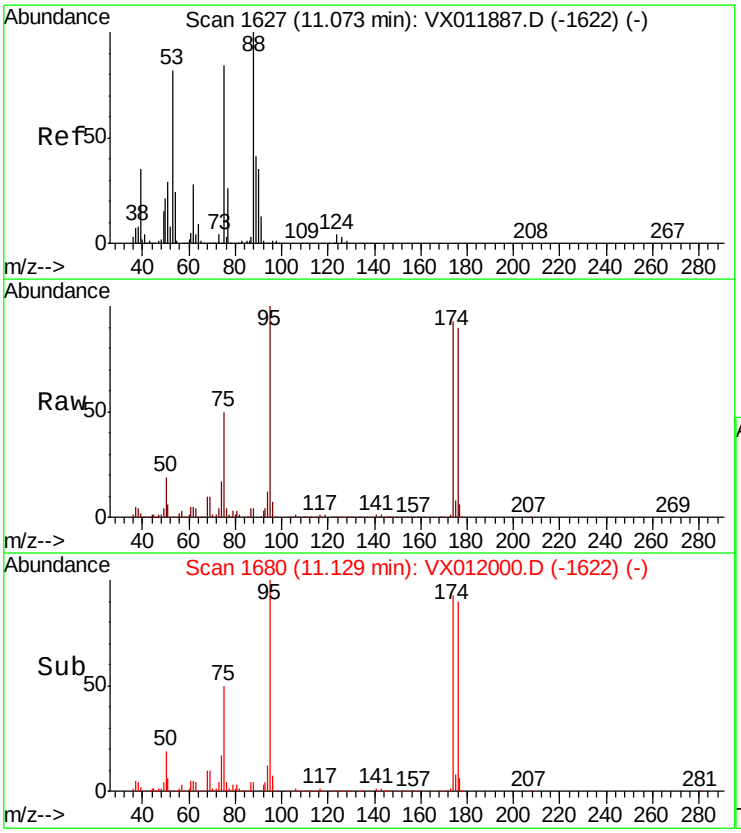
#76
1,2,3-Trichloropropane
Concen: 53.126 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(0)

Tgt Ion: 75 Resp: 91589

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.463 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012000.D
Acq: 01 Sep 2019 18:55

Tgt Ion: 75 Resp: 91589

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.1	115.7#
89	0.0	38.2	57.2#