Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012001.D
Acq On : 01 Sep 2019 19:23
Operator : SY/SP
Sample : K4529-04
Misc : 2.93g/5.0mL/MSVOA_X/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T1-(1.9)

Quant Time: Sep 02 03:56:25 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	432696	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	551847	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	448817	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	182062	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	170648	41.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.32%				
35) Dibromofluoromethane	5.48	113	158396	44.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.52%				
50) Toluene-d8	8.71	98	596178	47.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.26%				
62) 4-Bromofluorobenzene	11.14	95	190066	34.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 68.50%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	2051	1.189	ug/l		94
10) Methyl Iodide	2.51	142	469	3.798	ug/l	#	85
11) Tert butyl alcohol	3.02	59	1664	4.172	ug/l		99
16) Acetone	2.43	43	17273	19.365	ug/l		96
20) Methylene Chloride	2.84	84	33122	4.205	ug/l		96
25) 2-Butanone	4.68	43	1902	1.464	ug/l		94
29) Tetrahydrofuran	5.12	42	5912	7.291	ug/l		88
31) Cyclohexane	5.64	56	6556	1.267	ug/l	#	1
36) 1,1-Dichloropropene	5.64	75	24768	5.665	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	36228	7.145	ug/l	#	16
76) 1,2,3-Trichloropropane	11.13	75	93599	52.262	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	93599	131.292	ug/l	#	11

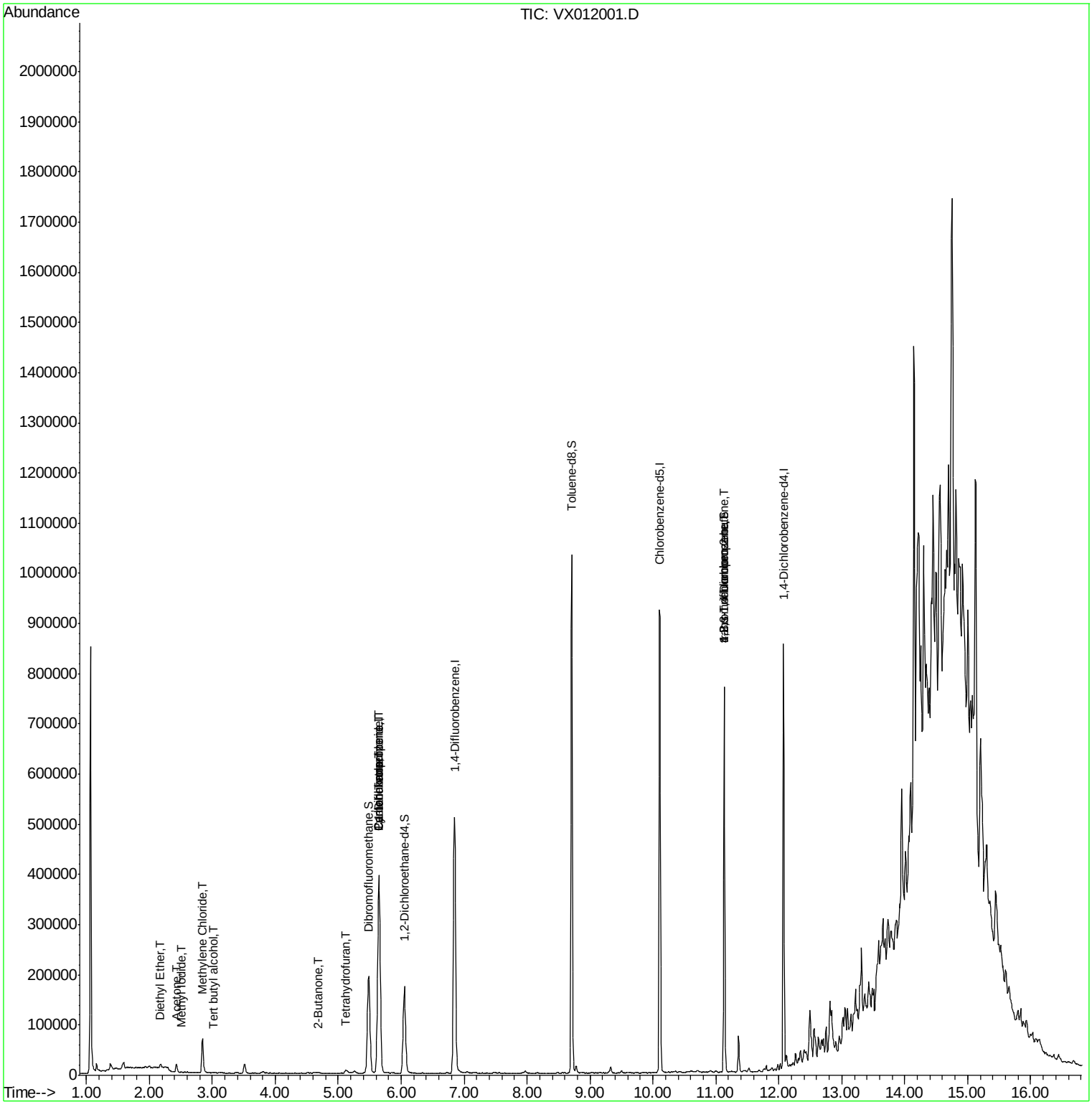
(#) = qualifier out of range (m) = manual integration (+) = signals summed

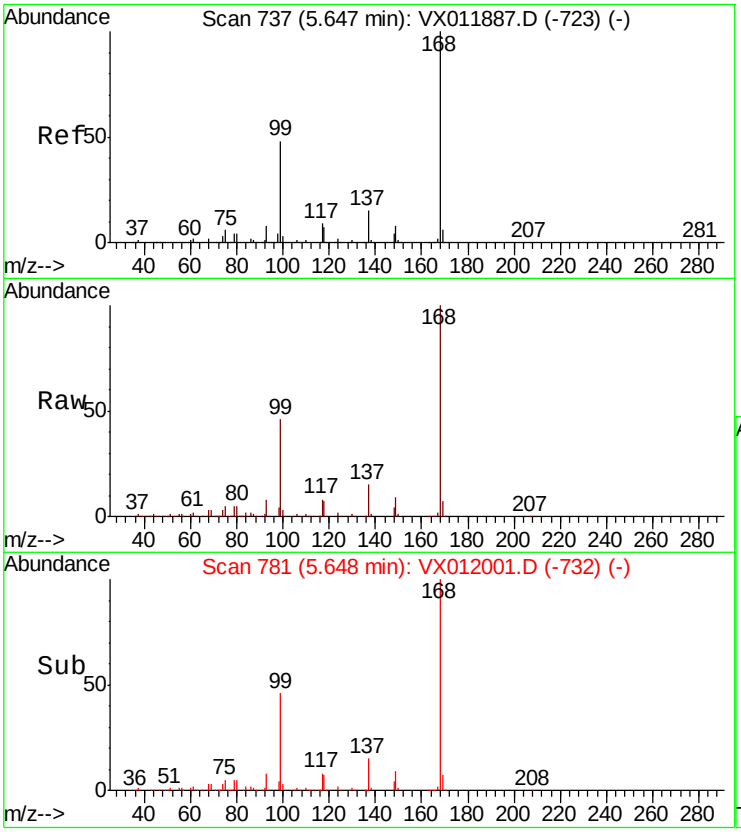
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012001.D
Acq On : 01 Sep 2019 19:23
Operator : SY/SP
Sample : K4529-04
Misc : 2.93g/5.0mL/MSVOA_X/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Quant Time: Sep 02 03:56:25 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



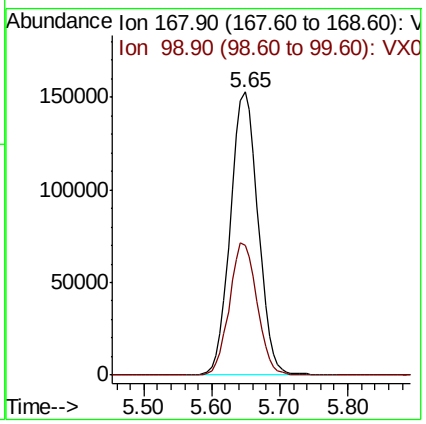


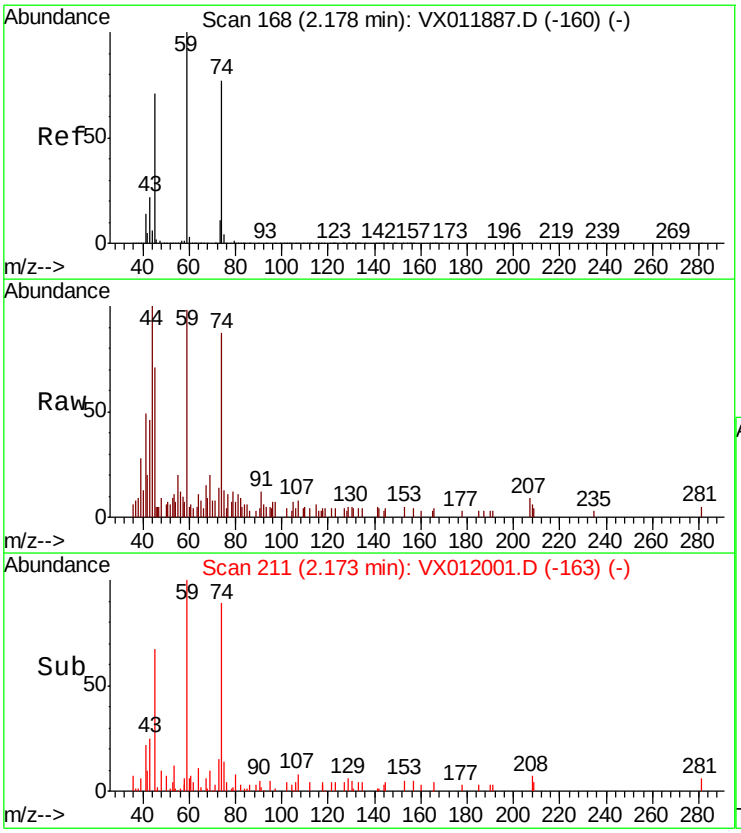
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion:168 Resp: 432696

Ion	Ratio	Lower	Upper
168	100		
99	45.8	38.4	57.6

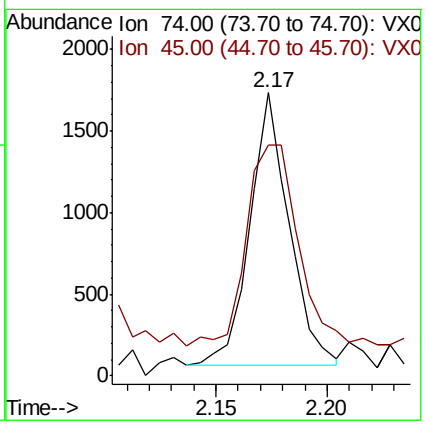


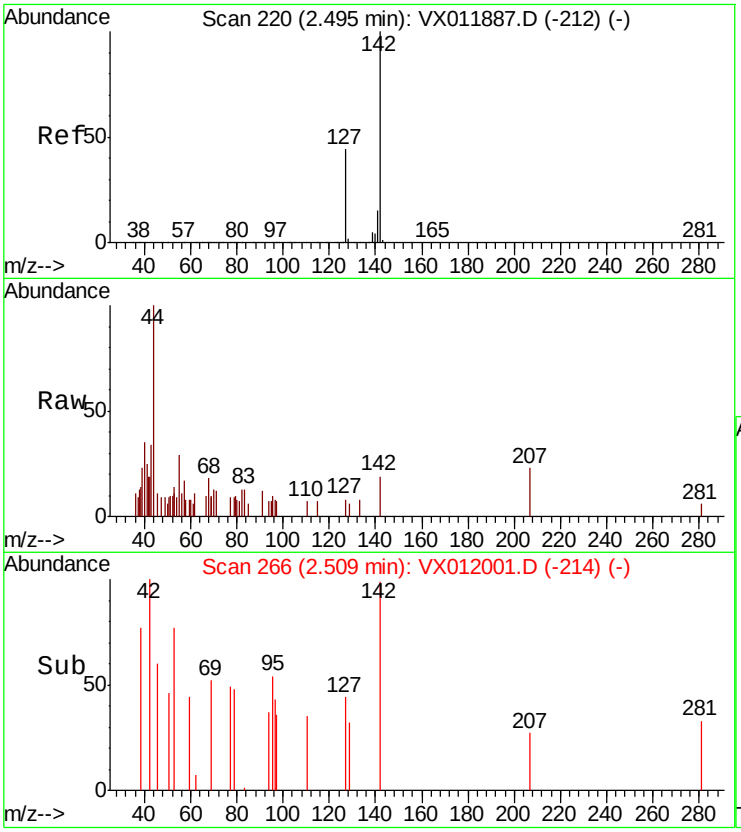


#8
Diethyl Ether
Concen: 1.189 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 74 Resp: 2051

Ion	Ratio	Lower	Upper
74	100		
45	99.2	46.7	140.1



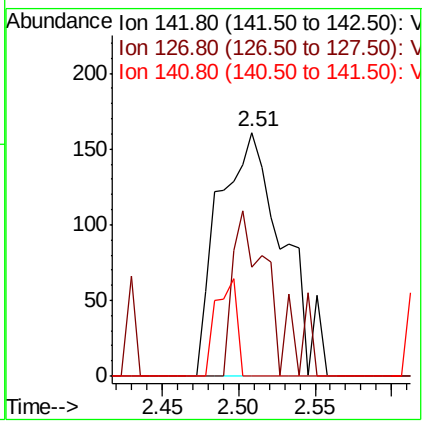


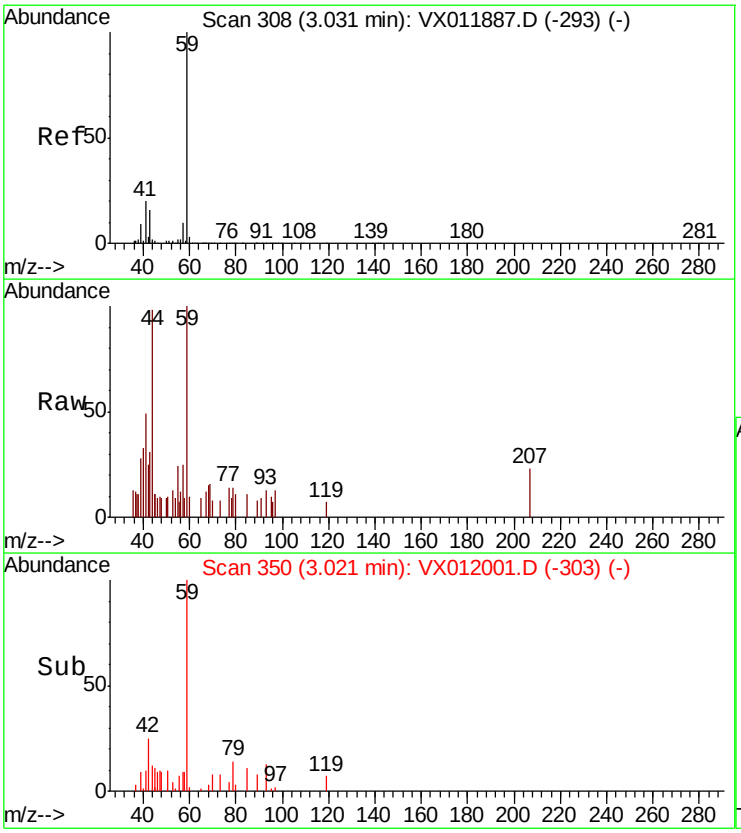
#10
Methyl Iodide
Concen: 3.798 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion:142 Resp: 469

Ion	Ratio	Lower	Upper
142	100		
127	32.6	35.7	53.5#
141	12.8	11.8	17.6

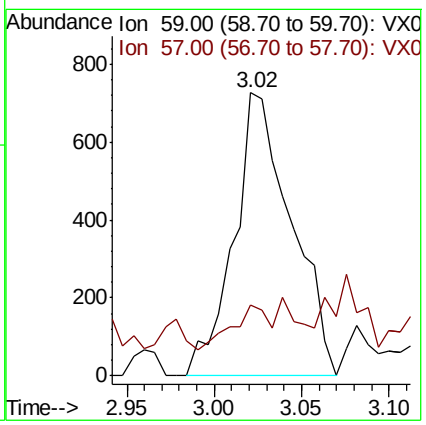


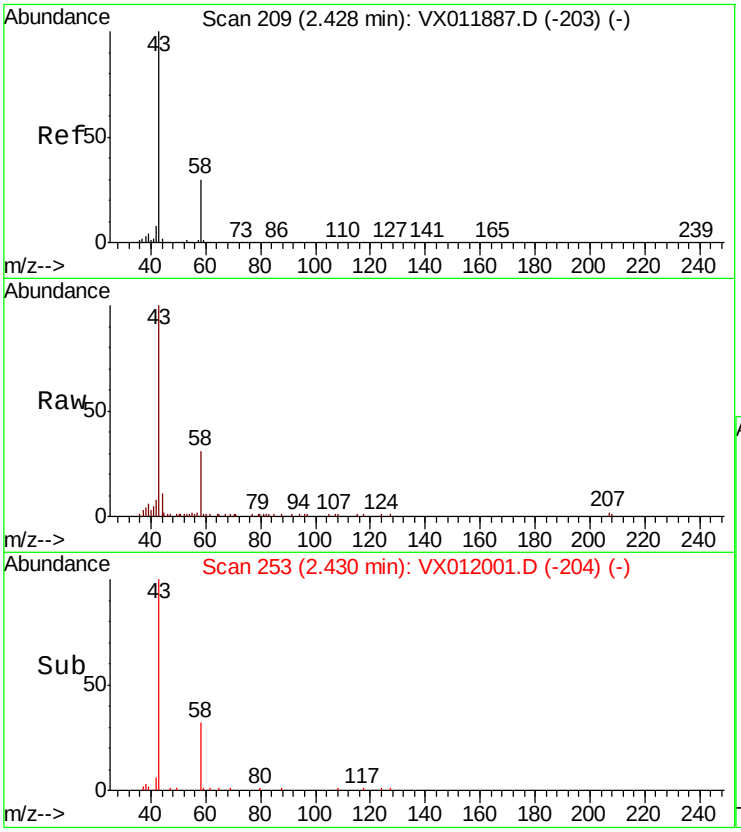


#11
Tert butyl alcohol
Concen: 4.172 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 59 Resp: 1664

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.6	12.8



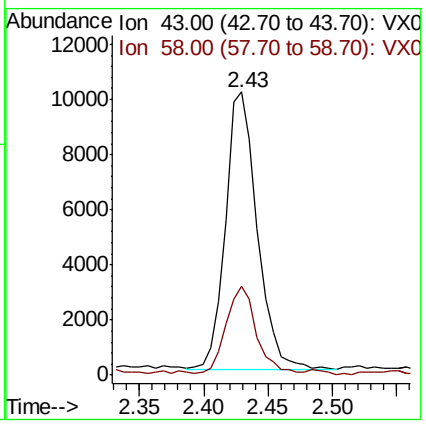


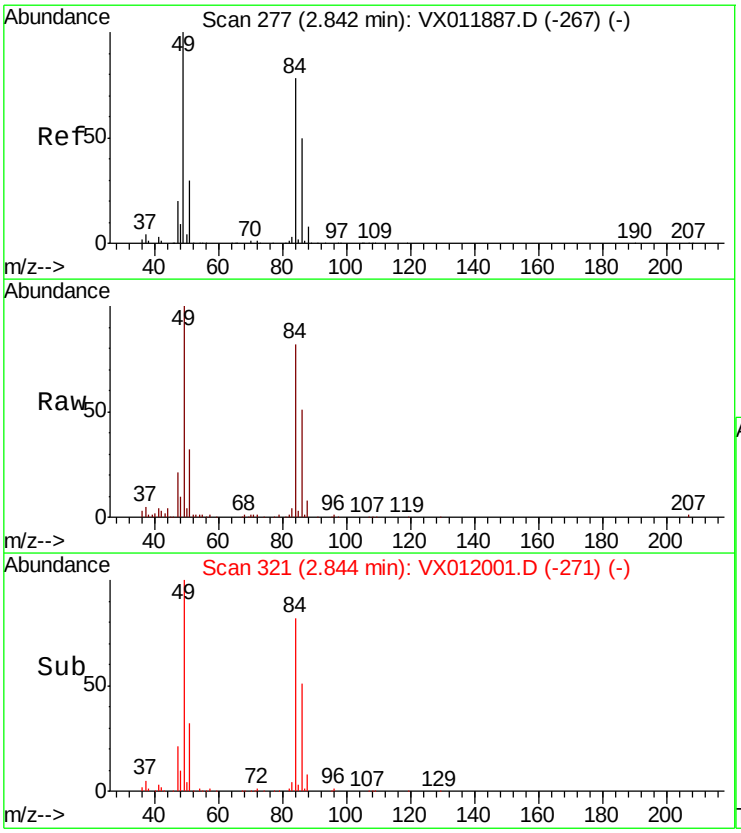
#16
Acetone
Concen: 19.365 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion: 43 Resp: 17273

Ion	Ratio	Lower	Upper
43	100		
58	31.9	23.8	35.8

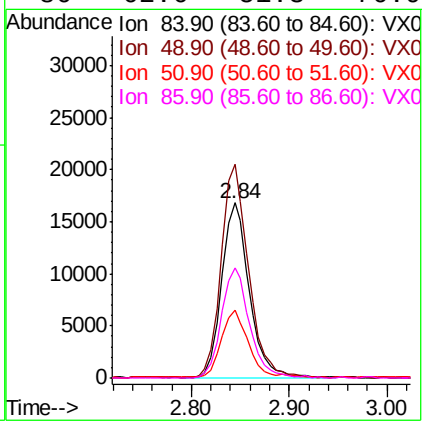


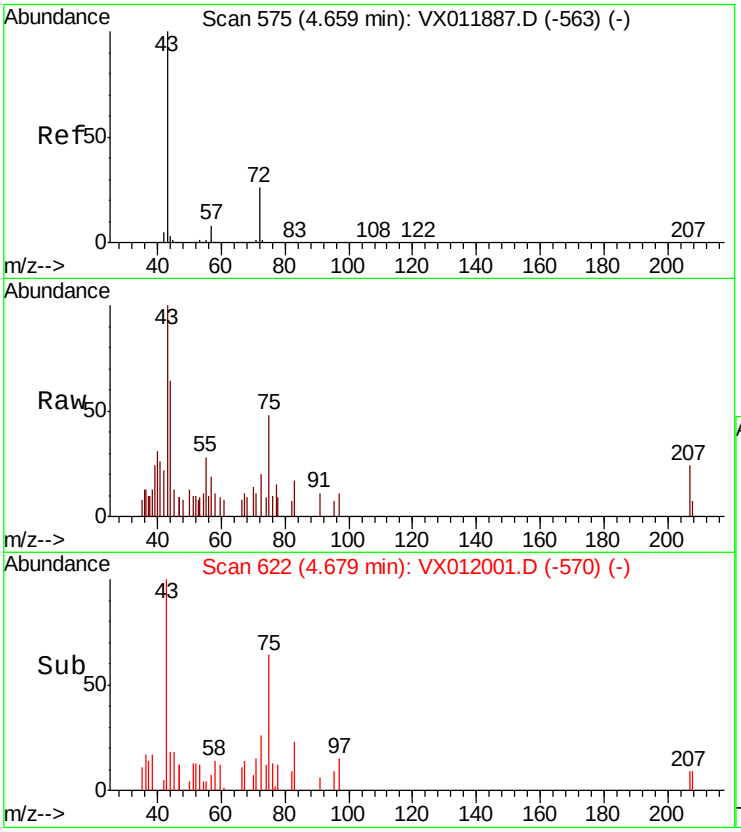


#20
Methylene Chloride
Concen: 4.205 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 84 Resp: 33122

Ion	Ratio	Lower	Upper
84	100		
49	121.6	103.0	154.4
51	38.3	30.8	46.2
86	62.6	51.3	76.9



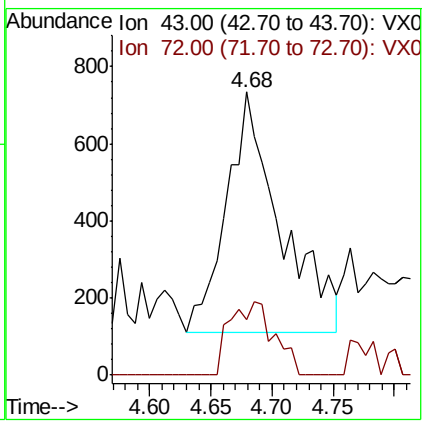


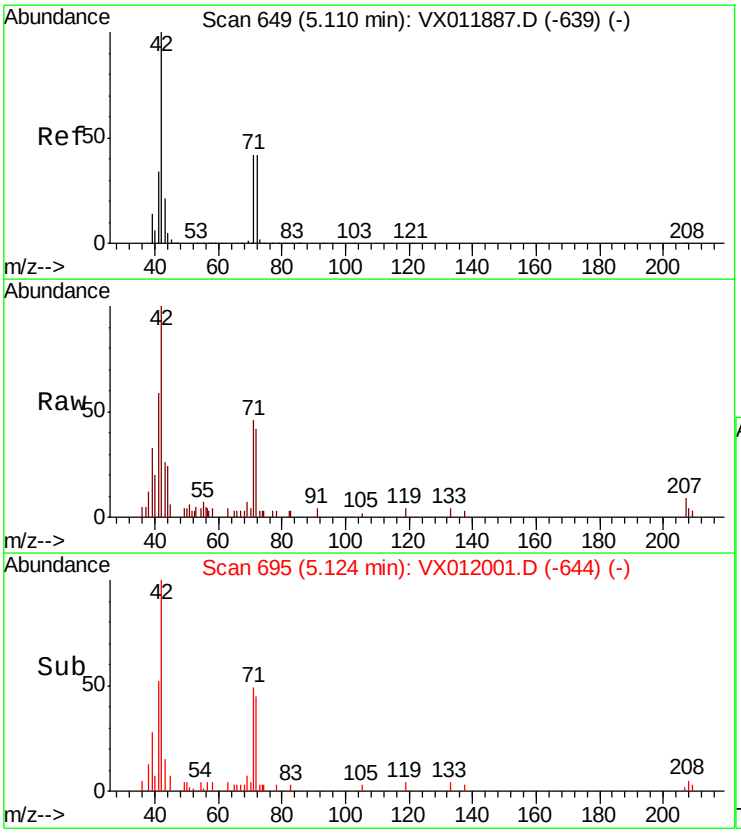
#25
2-Butanone
Concen: 1.464 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion: 43 Resp: 1902

Ion	Ratio	Lower	Upper
43	100		
72	23.3	21.0	31.4

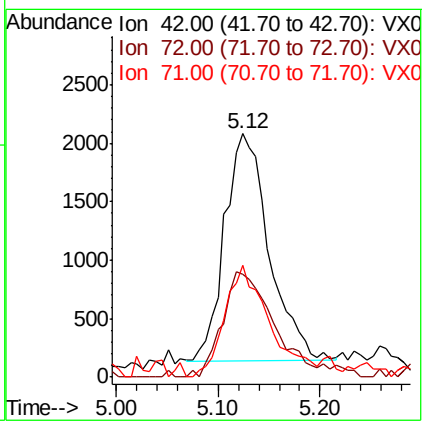


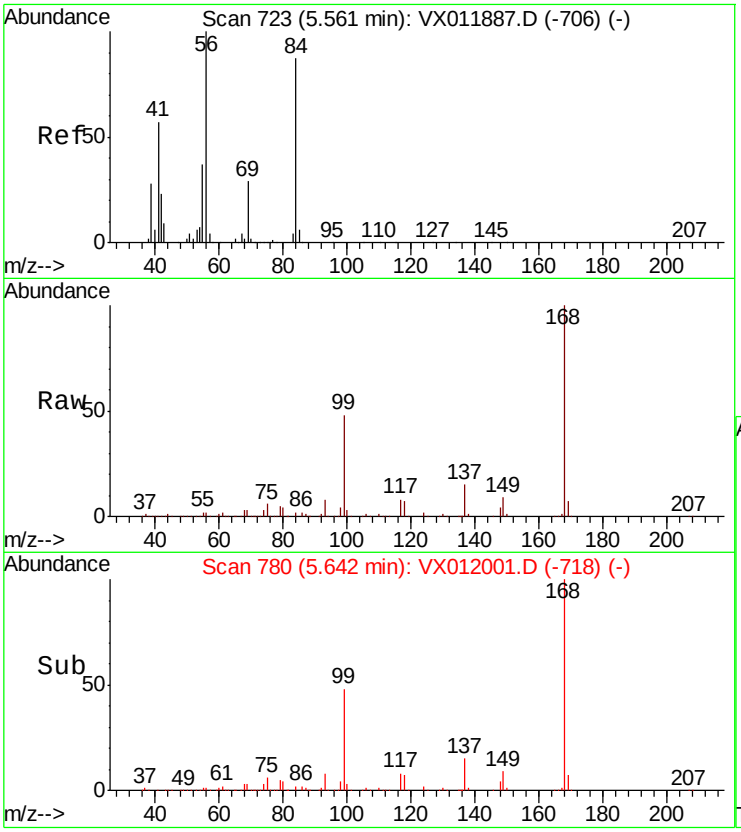


#29
Tetrahydrofuran
Concen: 7.291 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 42 Resp: 5912

Ion	Ratio	Lower	Upper
42	100		
72	52.4	36.2	54.4
71	49.2	33.1	49.7



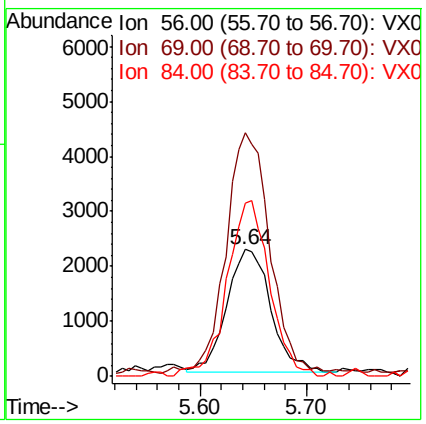


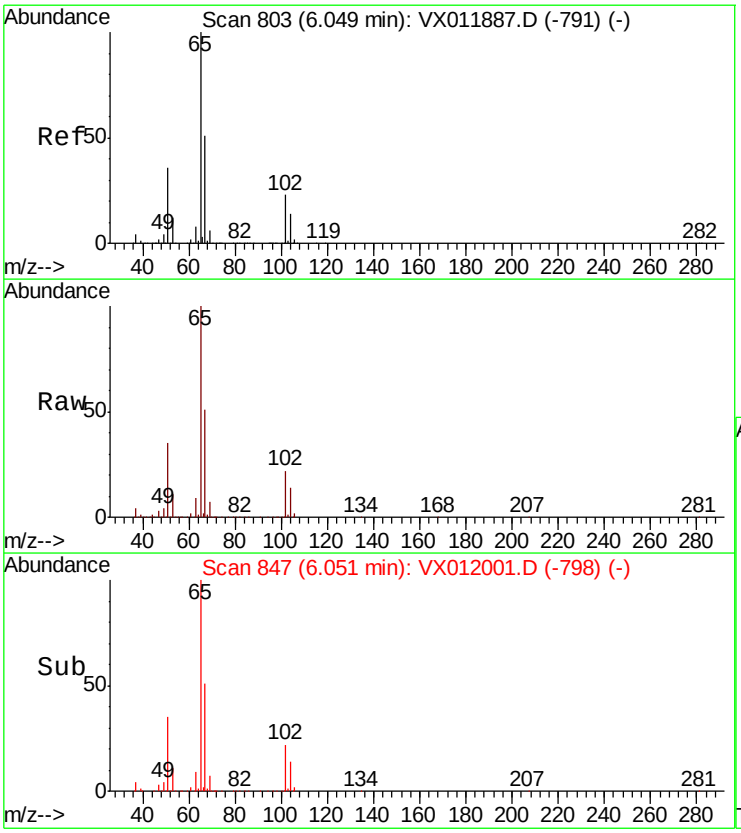
#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion: 56 Resp: 6556

Ion	Ratio	Lower	Upper
56	100		
69	192.5	23.1	34.7#
84	140.4	69.6	104.4#

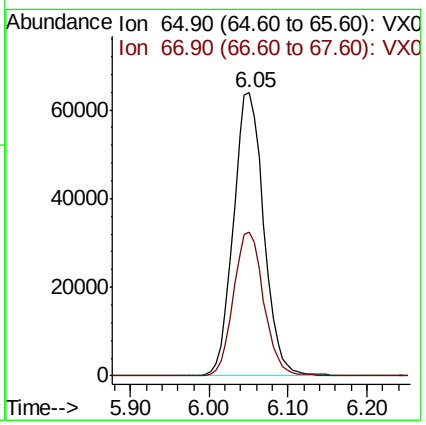


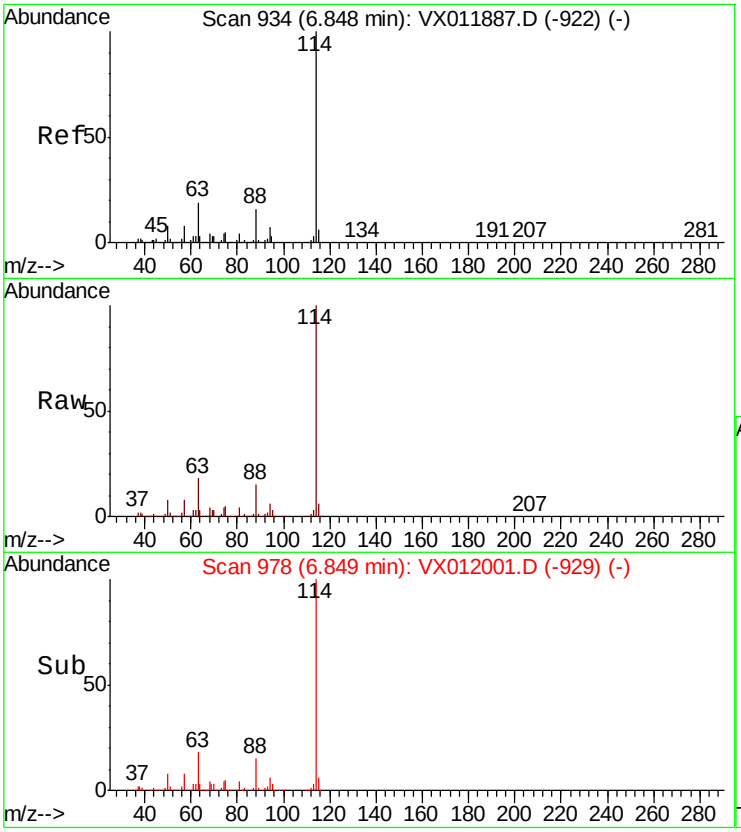


#33
1,2-Dichloroethane-d4
Concen: 41.163 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 65 Resp: 170648

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.2



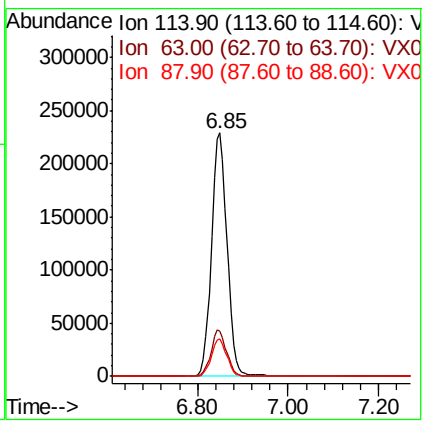


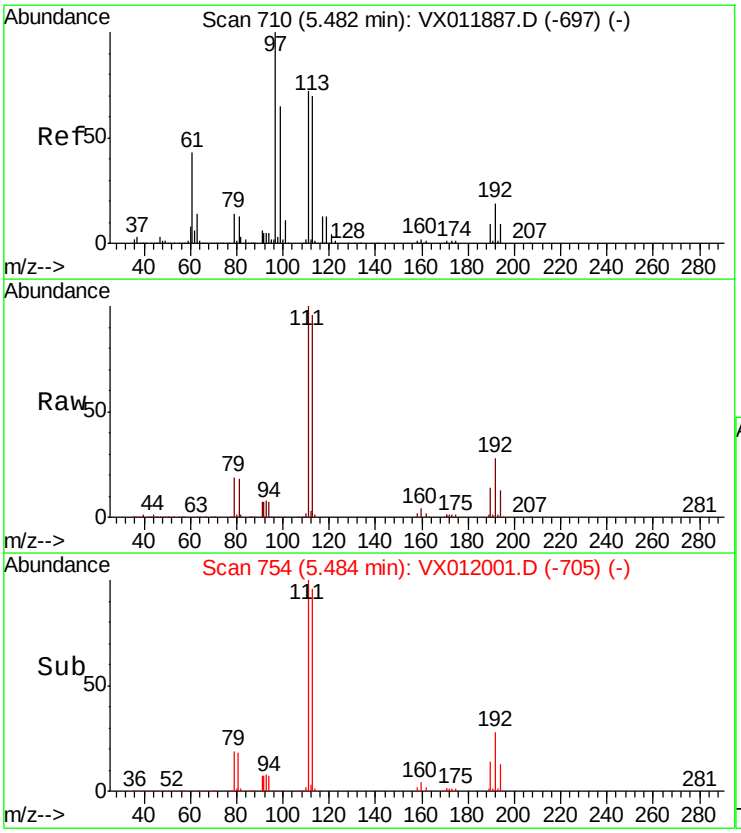
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion:114 Resp: 551847

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	38.8
88	15.3	0.0	31.2

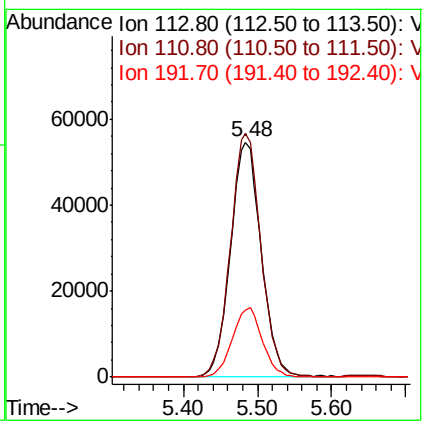


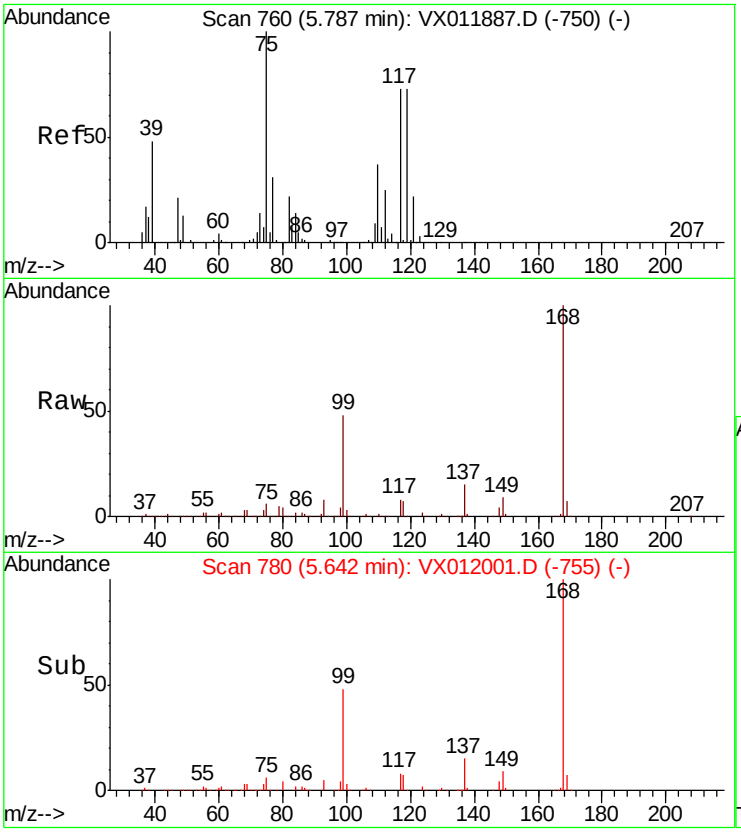


#35
Dibromofluoromethane
Concen: 44.761 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion:113 Resp: 158396

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	28.8	21.5	32.3



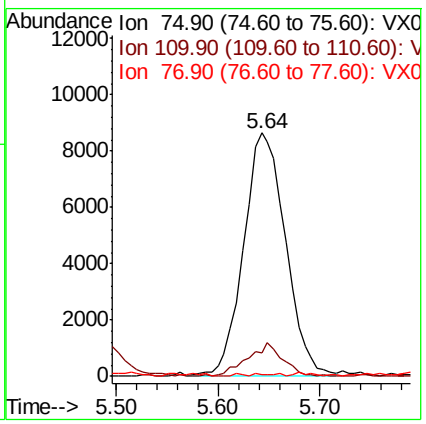


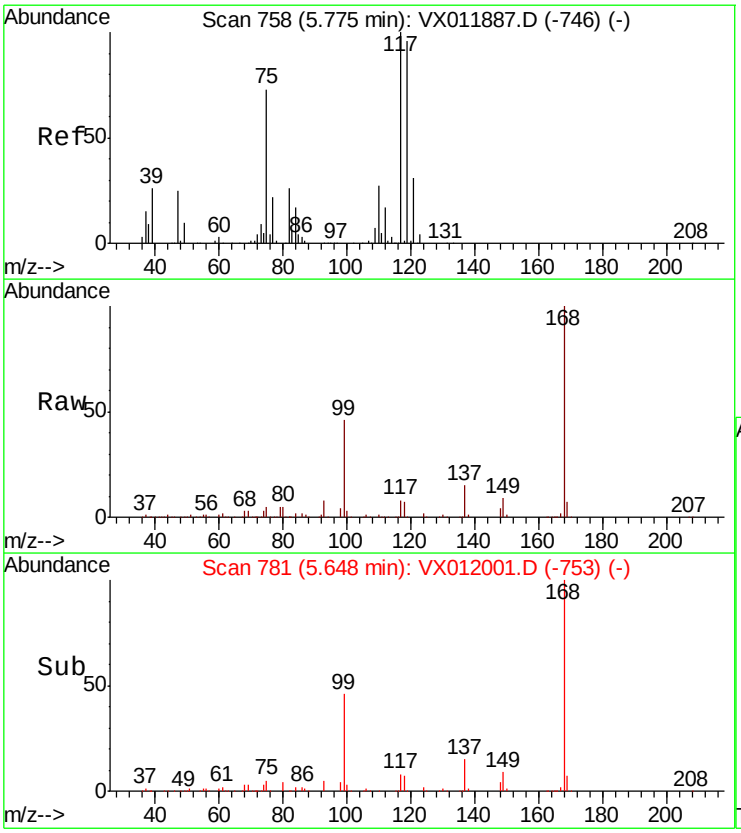
#36
1,1-Dichloropropene
Concen: 5.665 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion: 75 Resp: 24768

Ion	Ratio	Lower	Upper
75	100		
110	11.6	19.1	57.3#
77	0.6	24.4	36.6#

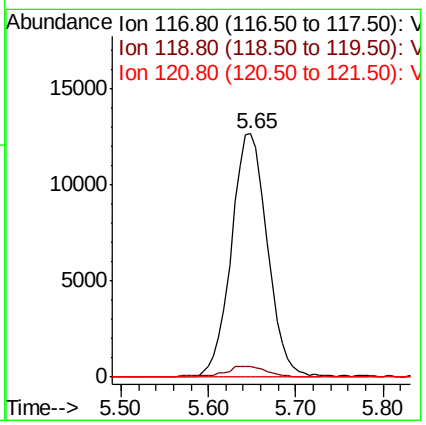


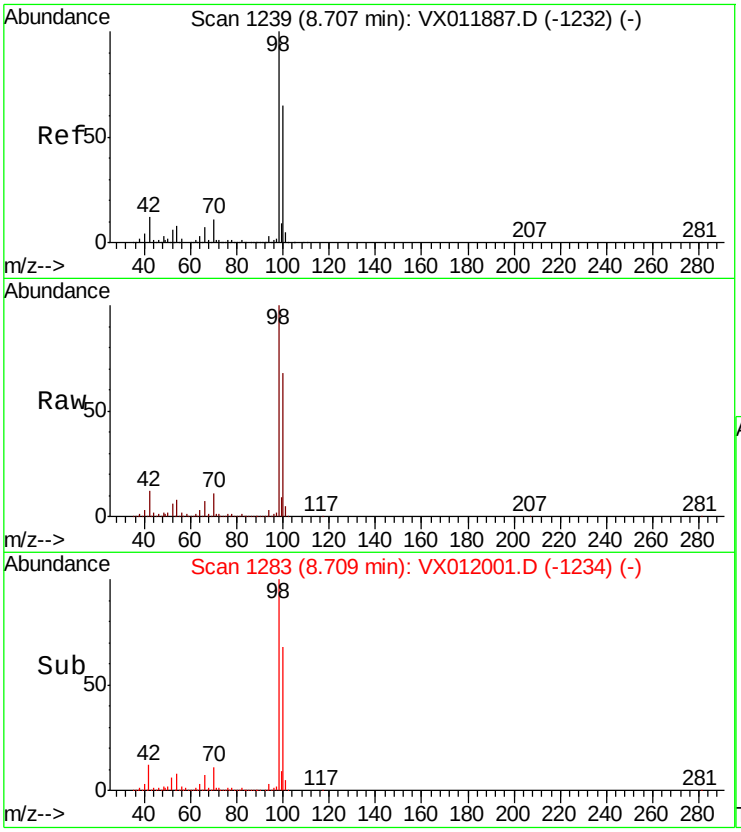


#38
Carbon Tetrachloride
Concen: 7.145 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion:117 Resp: 36228

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.6	114.8#
121	0.0	24.7	37.1#



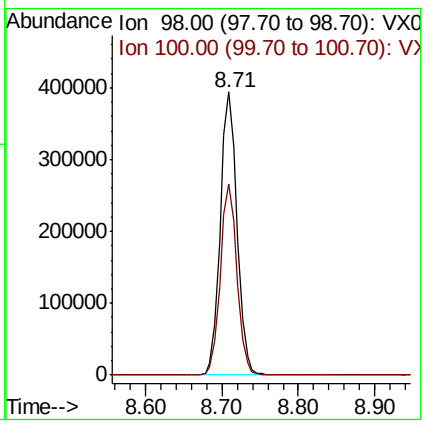


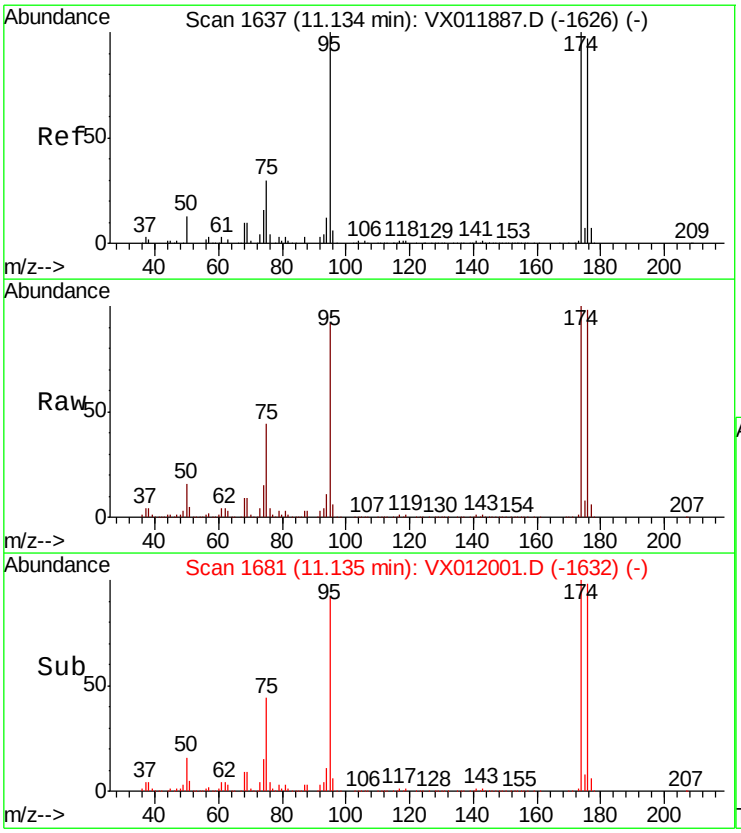
#50
Toluene-d8
Concen: 47.130 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T1-(1.9)

Tgt Ion: 98 Resp: 596178

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6

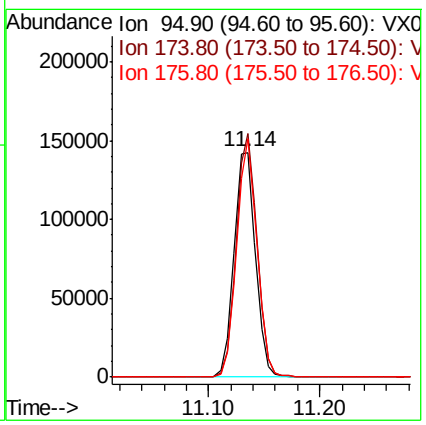


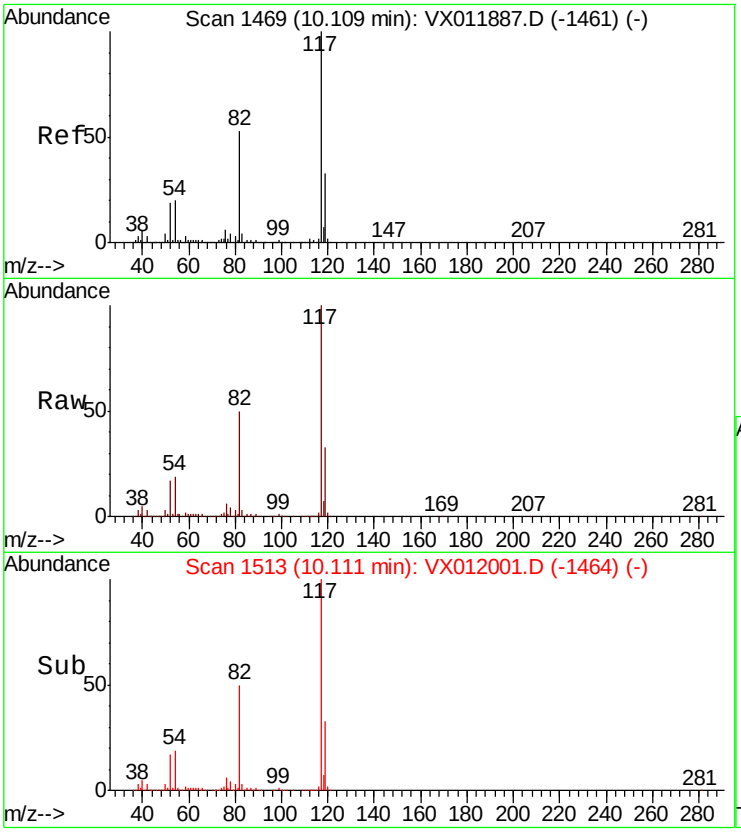


#62
4-Bromofluorobenzene
Concen: 34.253 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 95 Resp: 190066

Ion	Ratio	Lower	Upper
95	100		
174	104.6	0.0	196.0
176	100.5	0.0	191.4



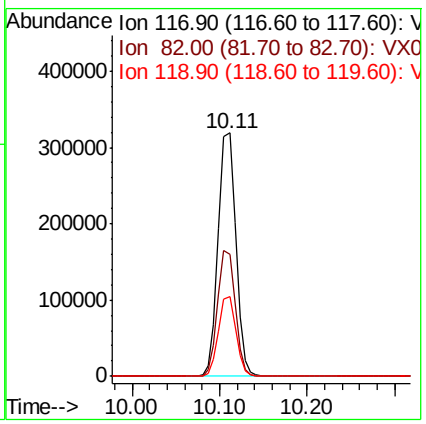


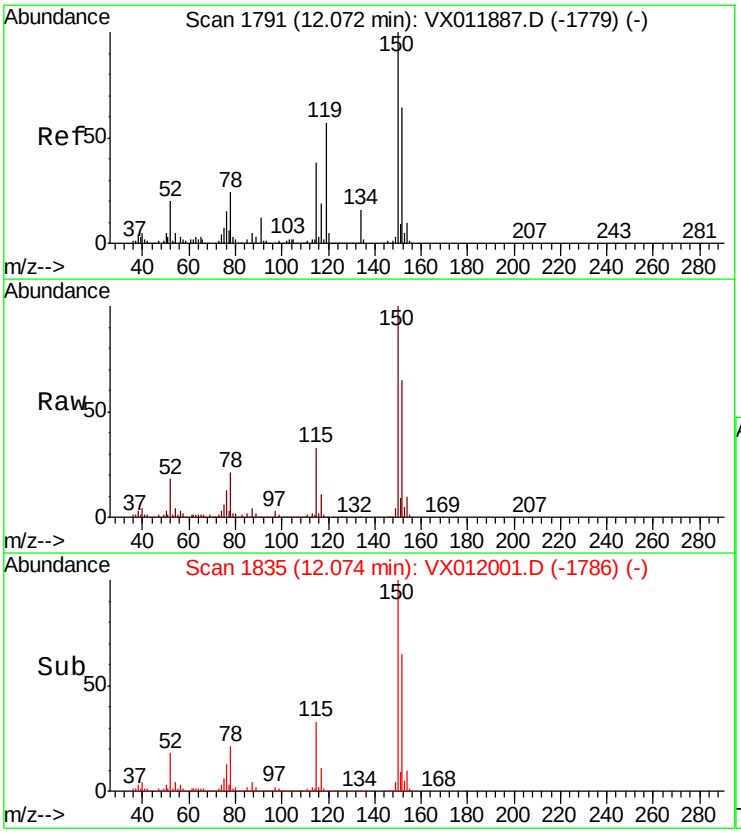
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion:117 Resp: 448817

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.0	63.0
119	32.8	26.2	39.4

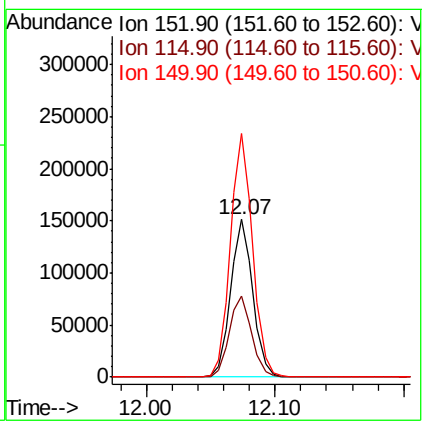


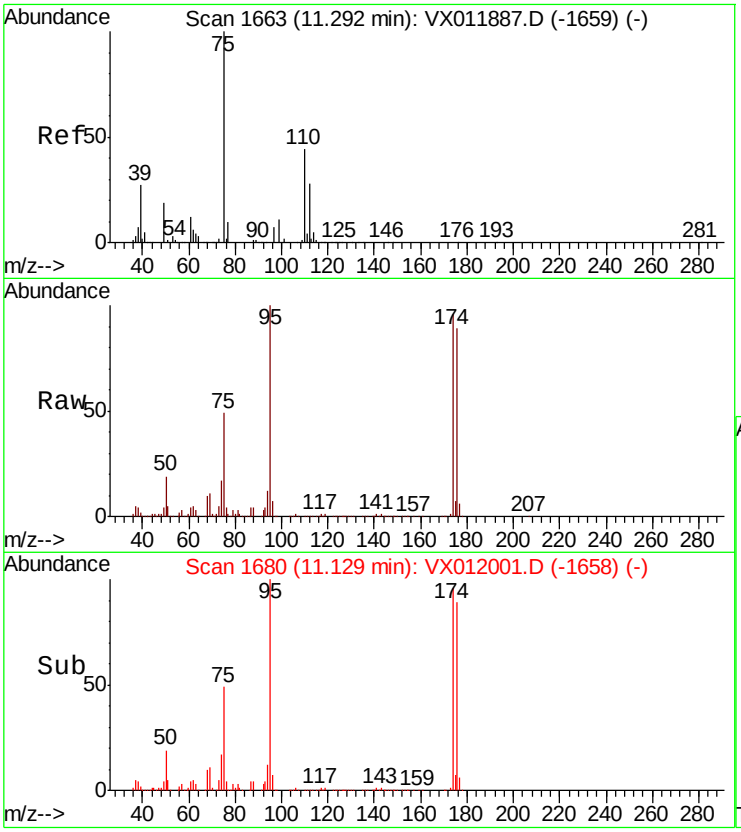


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion:152 Resp: 182062

Ion	Ratio	Lower	Upper
152	100		
115	52.1	37.1	111.3
150	154.7	0.0	339.6



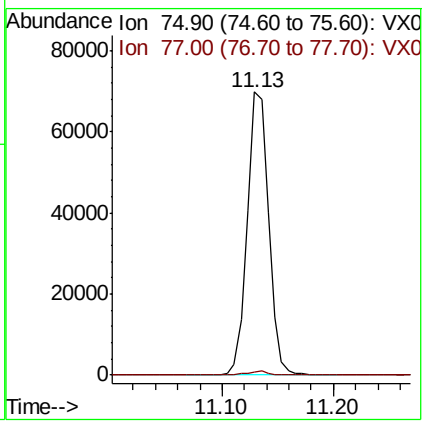


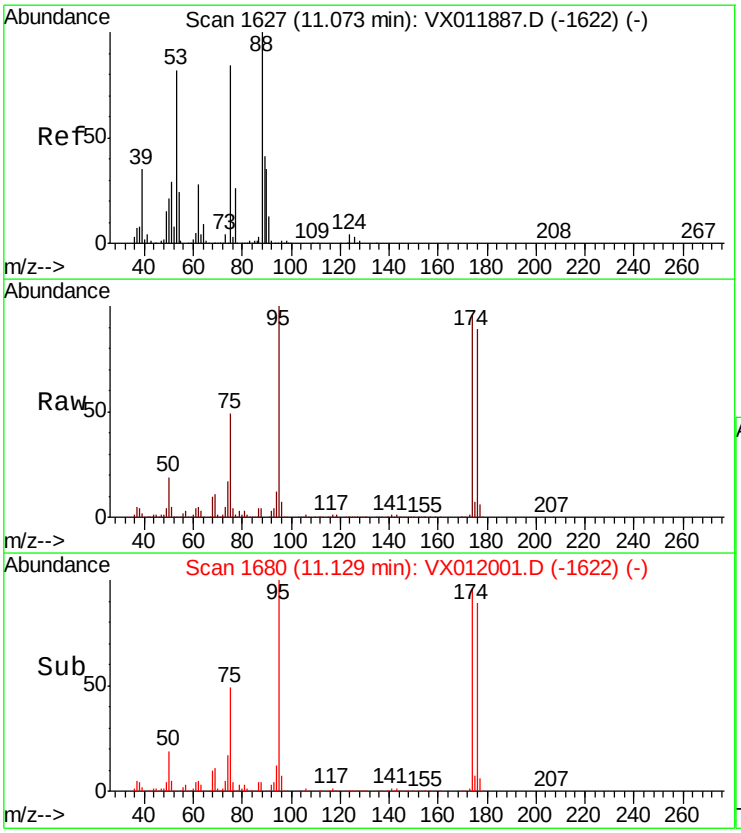
#76
1,2,3-Trichloropropane
Concen: 52.262 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(1.9)

Tgt Ion: 75 Resp: 93599

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.292 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012001.D
Acq: 01 Sep 2019 19:23

Tgt Ion: 75 Resp: 93599

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.0	38.2	57.2#