Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012281.D
Acq On : 11 Sep 2019 04:04
Operator : SY/SP
Sample : K4680-12
Misc : 5.23g/5.0mL/MSVOA_X/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-1-(0)

Quant Time: Sep 11 07:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	155428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	57459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	107946	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
35) Dibromofluoromethane	5.48	113	82063	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.90%			
50) Toluene-d8	8.71	98	315247	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.86%			
62) 4-Bromofluorobenzene	11.14	95	89860	31.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.24%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	184	Below Cal	#	62
8) Diethyl Ether	2.17	74	998	1.423	ug/l	68
11) Tert butyl alcohol	3.03	59	825	Below Cal	#	48
13) Acrolein	2.27	56	128	1.114	ug/l	90
16) Acetone	2.43	43	1840	3.537	ug/l	94
29) Tetrahydrofuran	5.13	42	2312	6.444	ug/l #	87
36) 1,1-Dichloropropene	5.65	75	14531	7.309	ug/l #	54
38) Carbon Tetrachloride	5.65	117	18206	7.805	ug/l #	14
49) 1,4-Dioxane	7.82	88	49	2.928	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	47462	64.299	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	47462	192.654	ug/l #	5

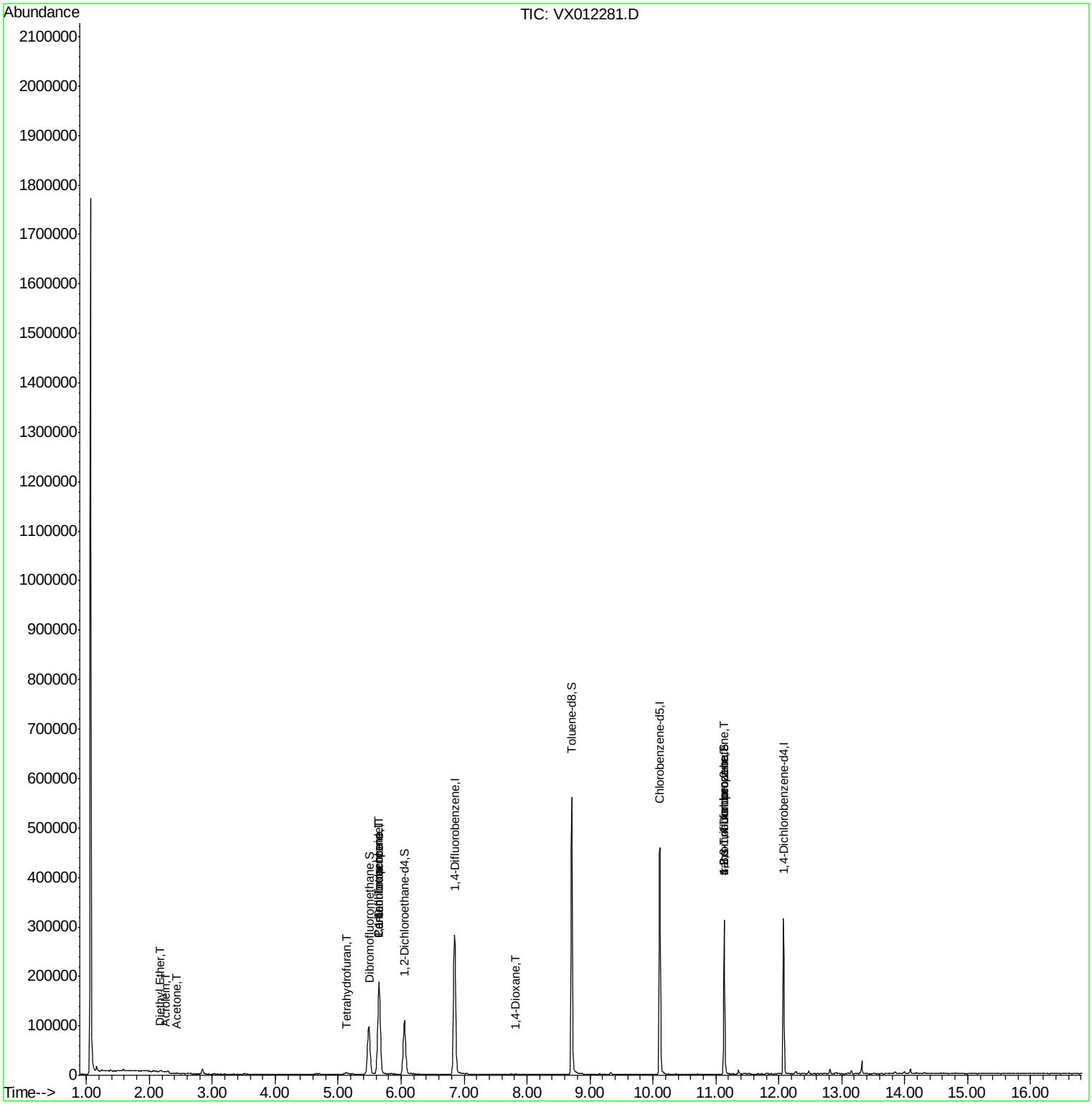
(#) = qualifier out of range (m) = manual integration (+) = signals summed

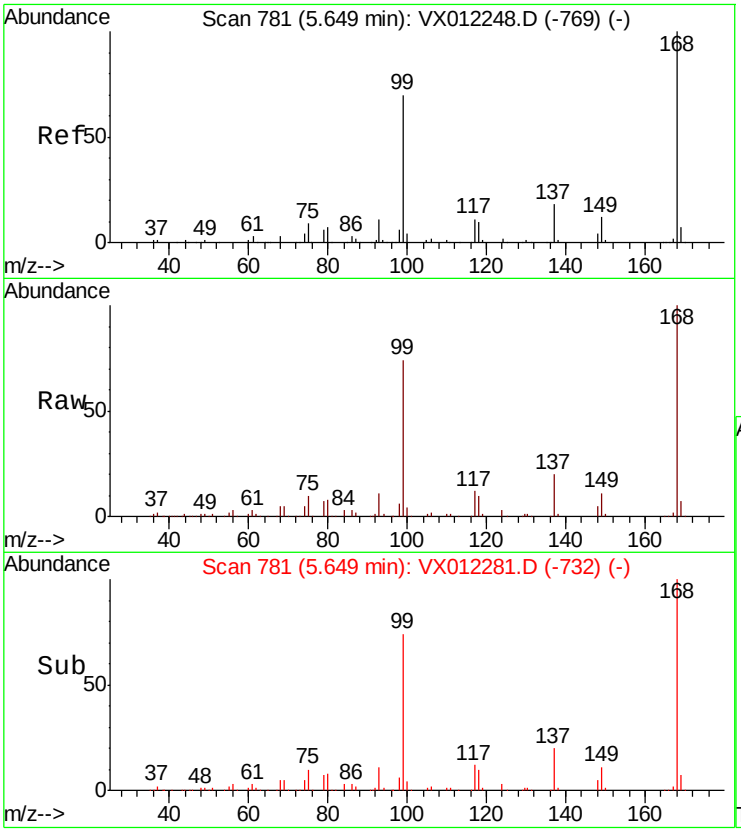
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012281.D
Acq On : 11 Sep 2019 04:04
Operator : SY/SP
Sample : K4680-12
Misc : 5.23g/5.0mL/MSVOA_X/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Quant Time: Sep 11 07:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



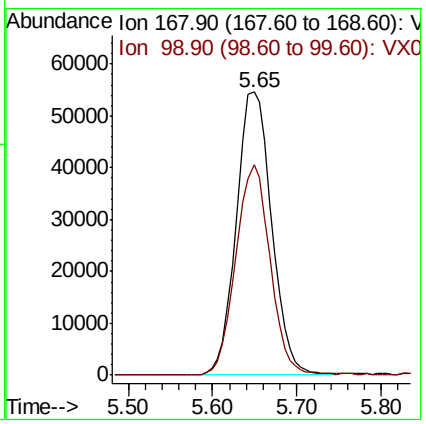


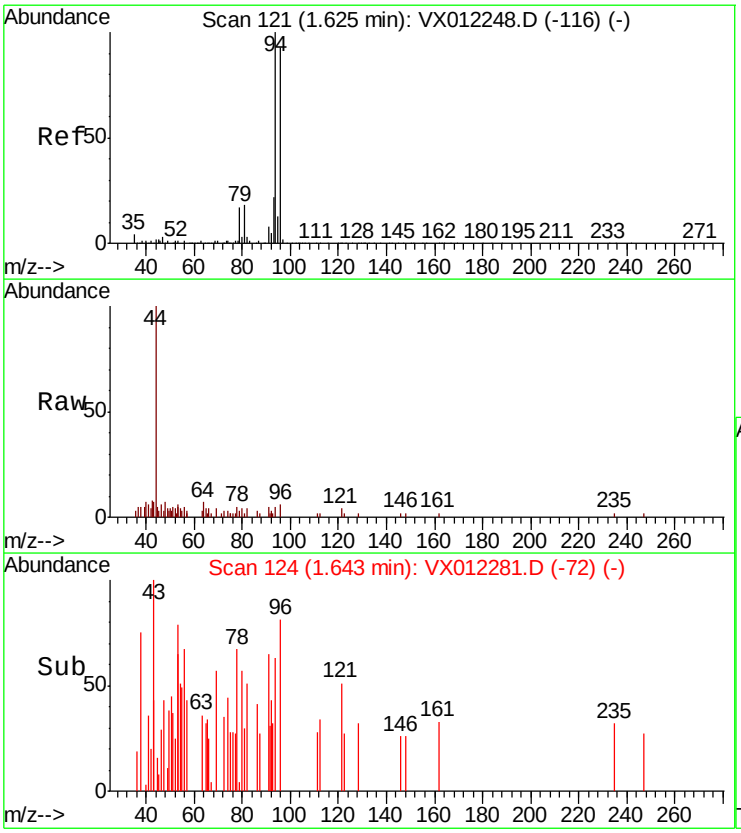
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion:168 Resp: 155428

Ion	Ratio	Lower	Upper
168	100		
99	74.4	55.8	83.6

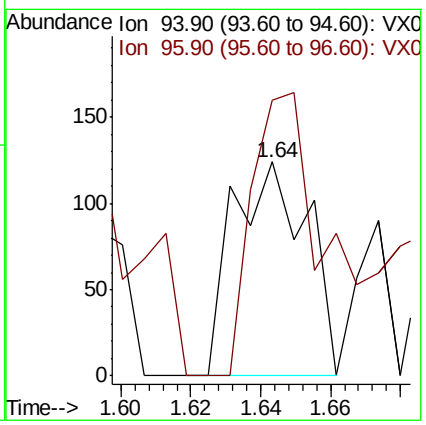


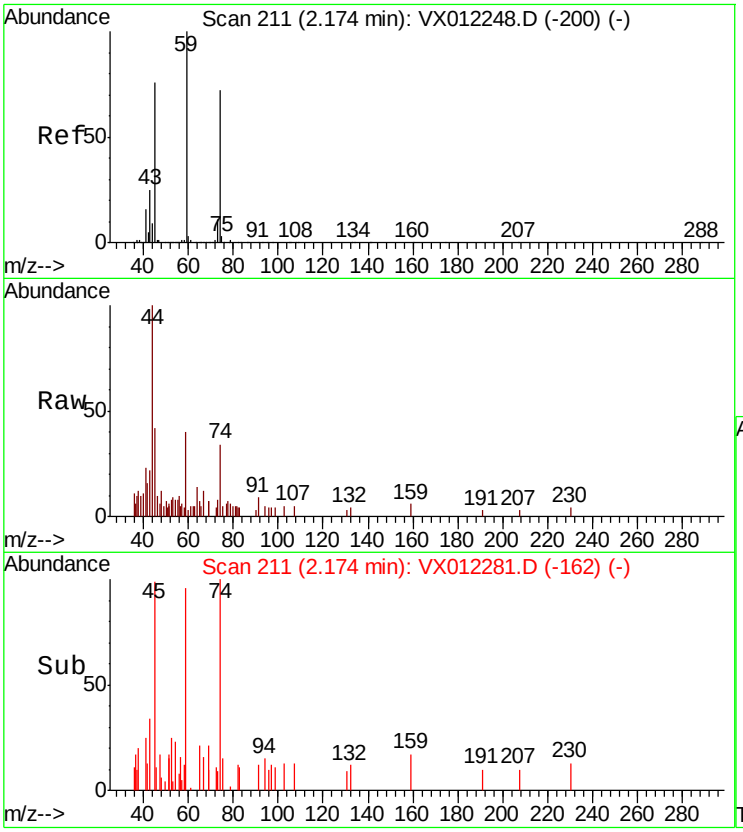


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 94 Resp: 184

Ion	Ratio	Lower	Upper
94	100		
96	129.0	74.0	111.0#



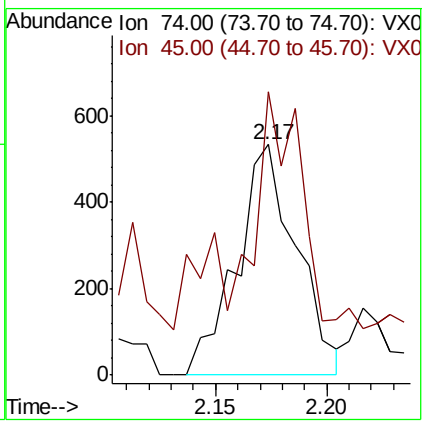


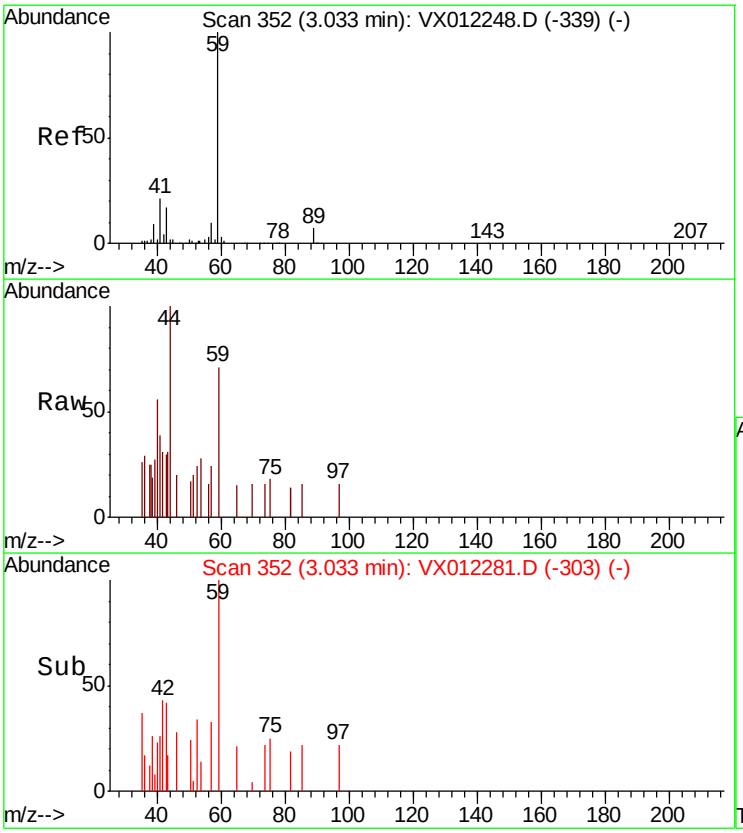
#8
Diethyl Ether
Concen: 1.423 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 74 Resp: 998

Ion	Ratio	Lower	Upper
74	100		
45	70.5	51.3	153.9

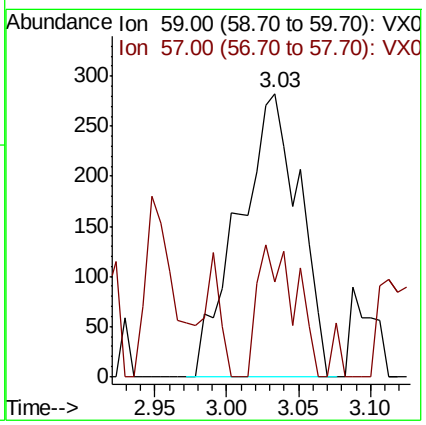


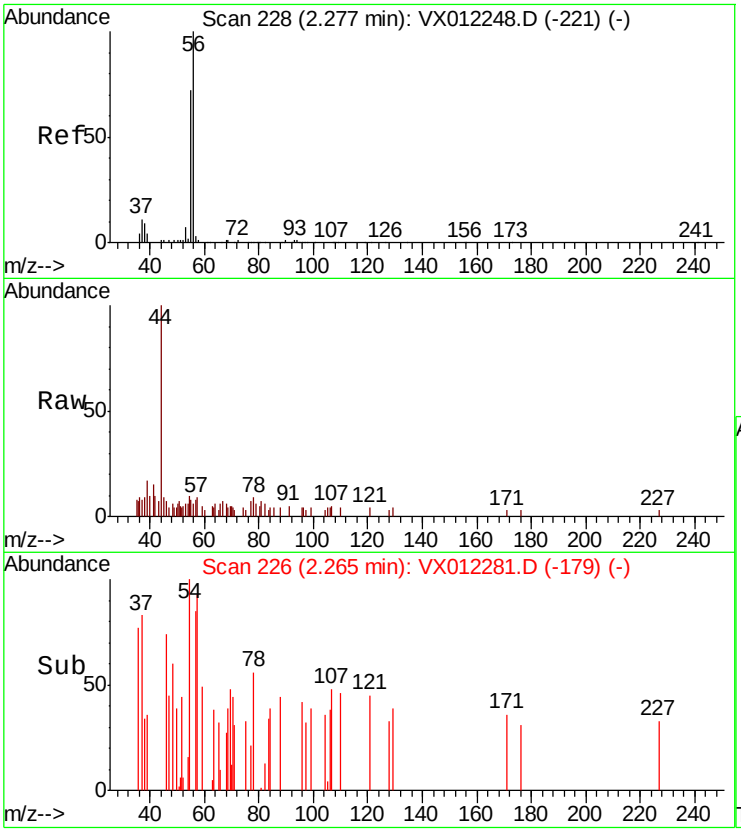


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 59 Resp: 825

Ion	Ratio	Lower	Upper
59	100		
57	29.0	7.8	11.6#



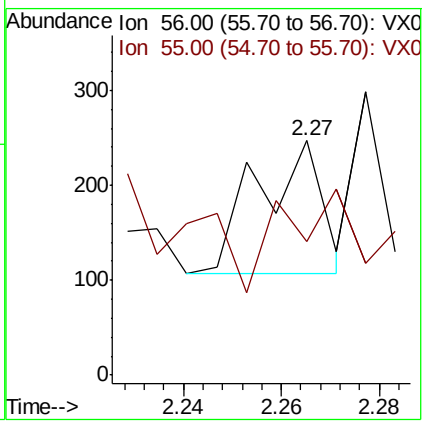


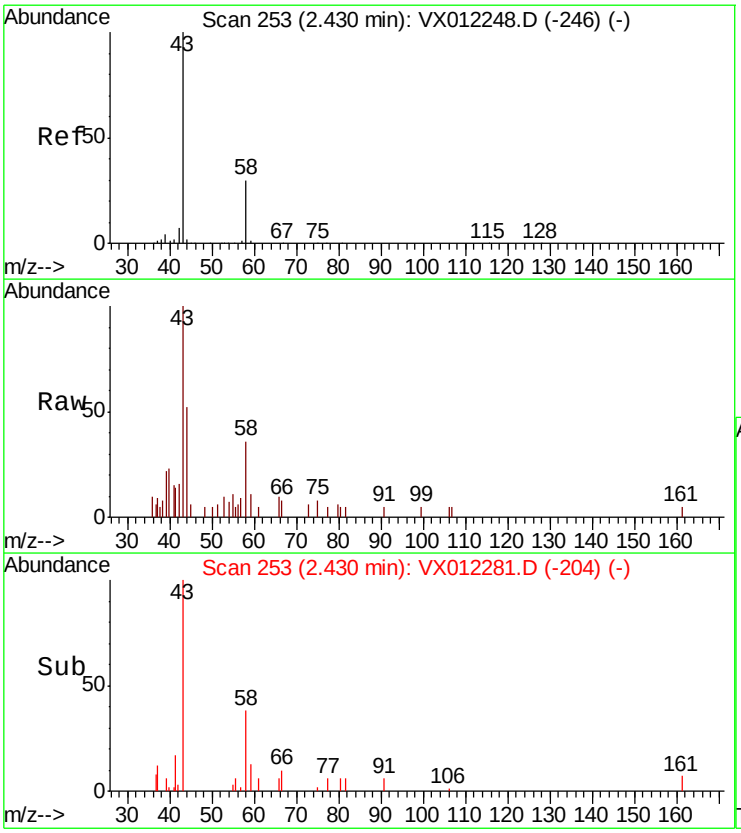
#13
Acrolein
Concen: 1.114 ug/l
RT: 2.27 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 56 Resp: 128

Ion	Ratio	Lower	Upper
56	100		
55	82.8	59.8	89.6

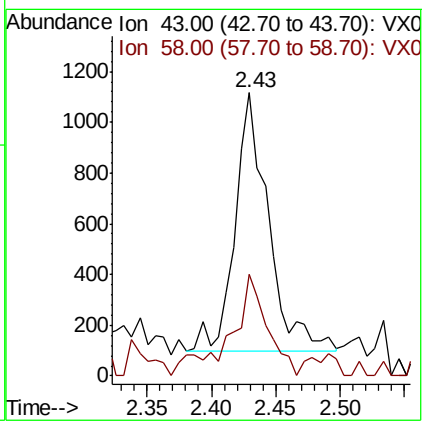


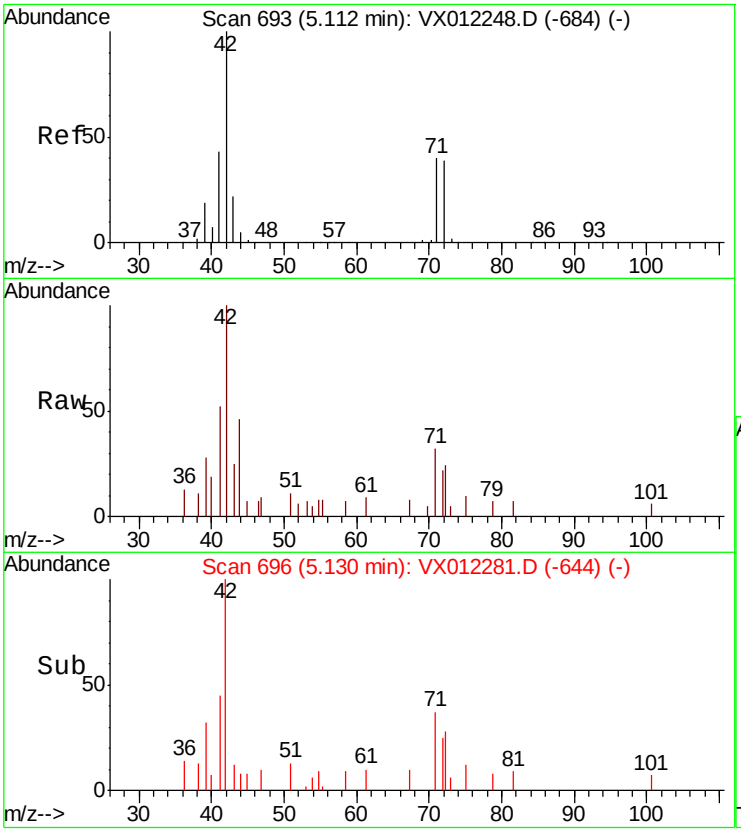


#16
Acetone
Concen: 3.537 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 43 Resp: 1840

Ion	Ratio	Lower	Upper
43	100		
58	32.7	23.6	35.4



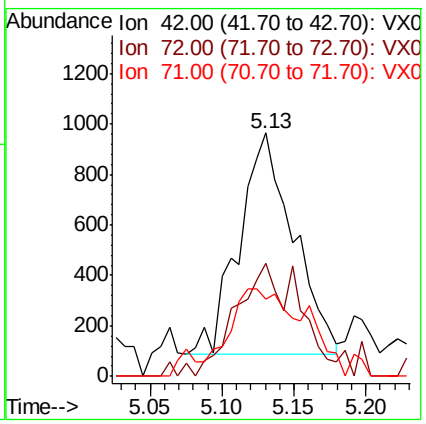


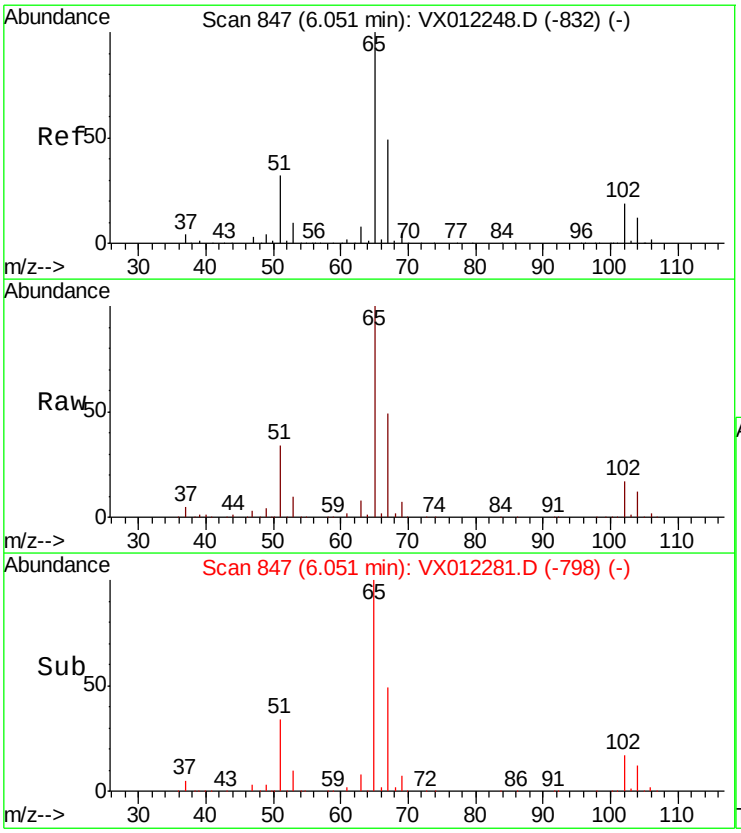
#29
Tetrahydrofuran
Concen: 6.444 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 42 Resp: 2312

Ion	Ratio	Lower	Upper
42	100		
72	41.3	35.2	52.8
71	54.6	32.5	48.7#

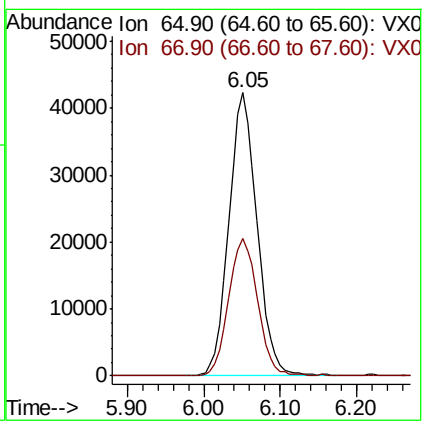


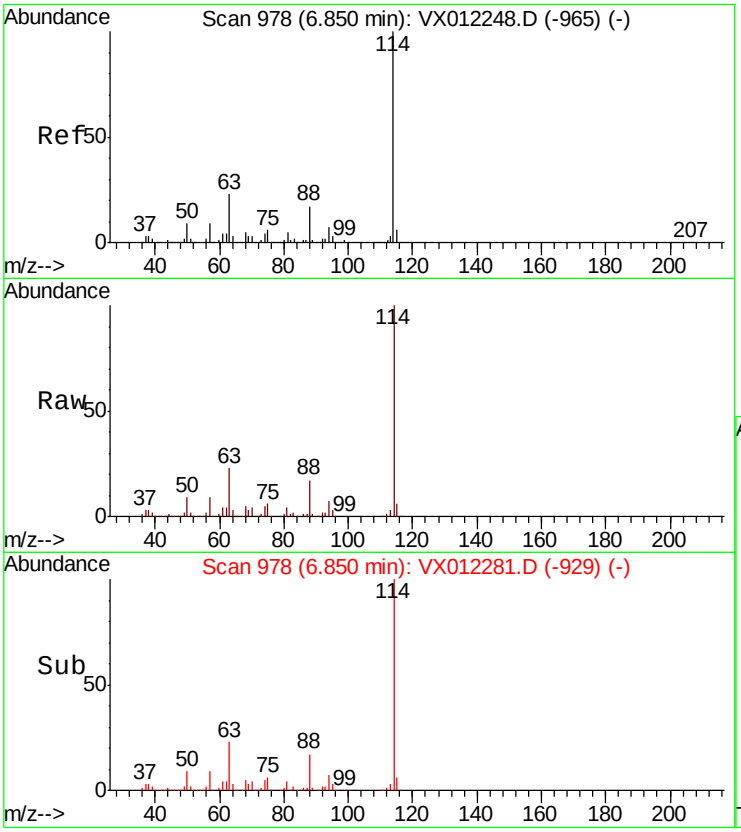


#33
1,2-Dichloroethane-d4
Concen: 49.123 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 65 Resp: 107946

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.8



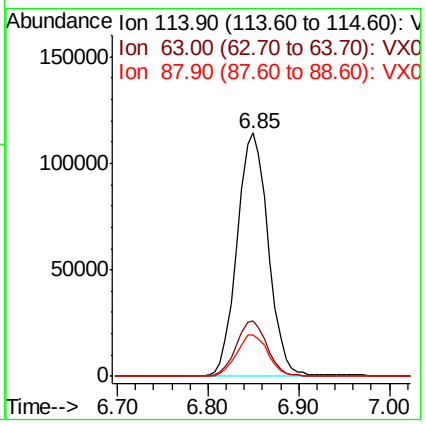


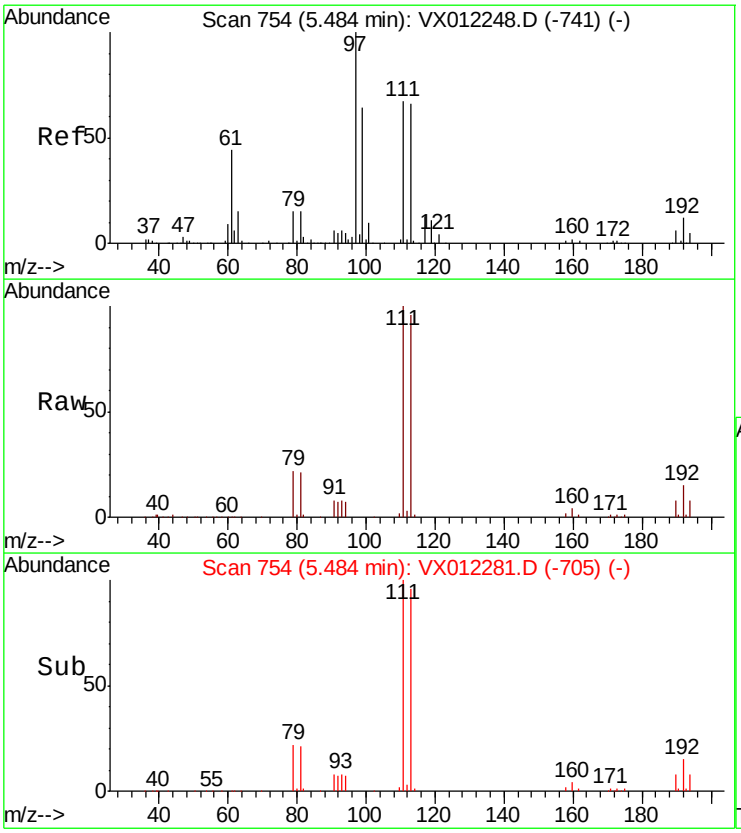
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion:114 Resp: 272643

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	16.8	0.0	34.8

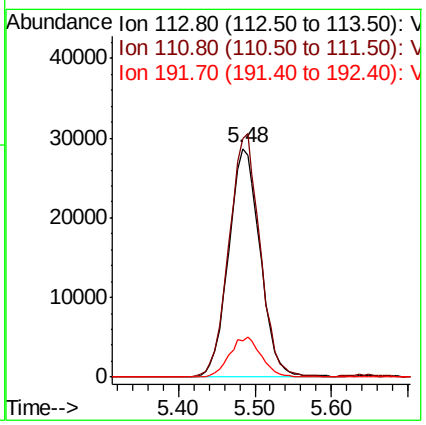


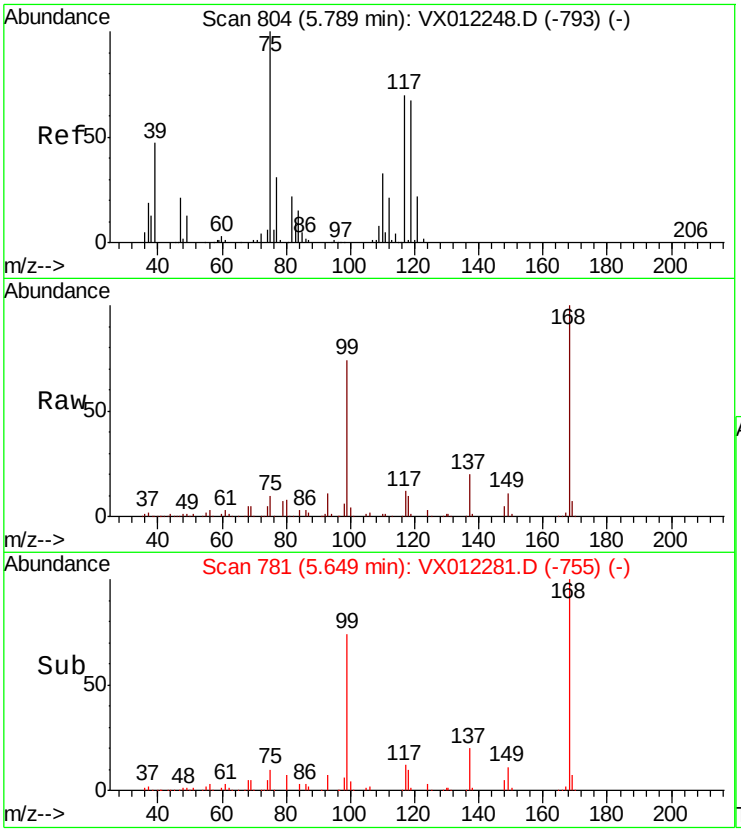


#35
Dibromofluoromethane
Concen: 46.953 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion:113 Resp: 82063

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.6
192	17.6	14.3	21.5



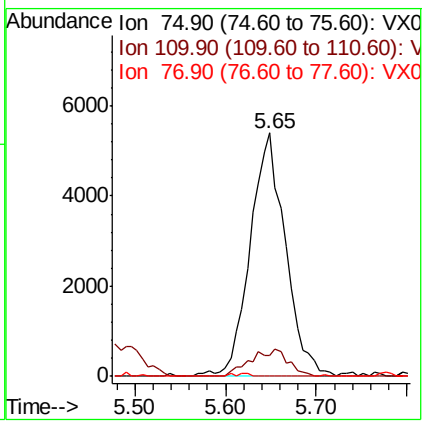


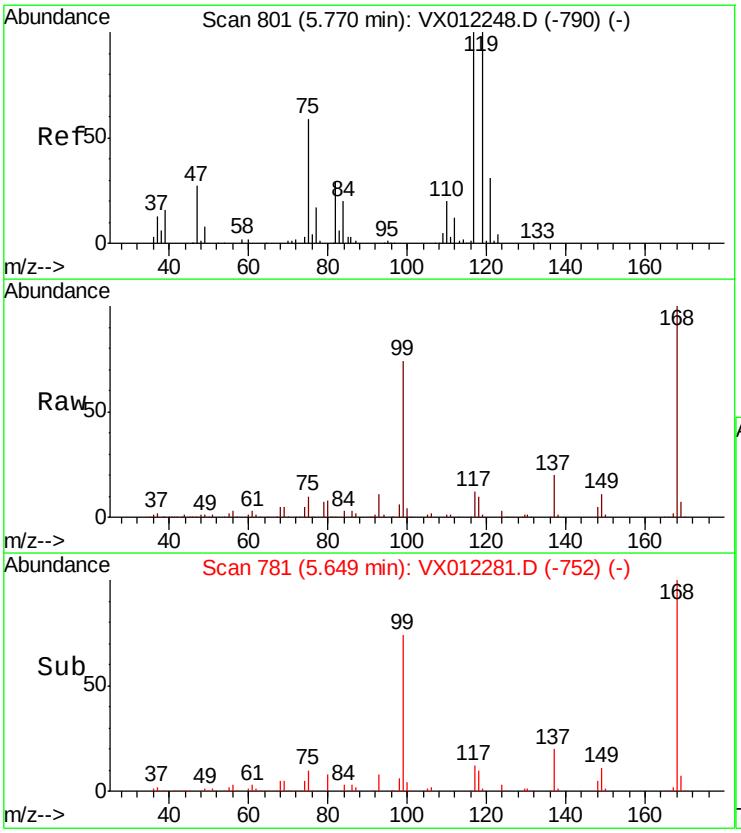
#36
1,1-Dichloropropene
Concen: 7.309 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 75 Resp: 14531

Ion	Ratio	Lower	Upper
75	100		
110	12.0	16.8	50.4#
77	0.0	24.5	36.7#

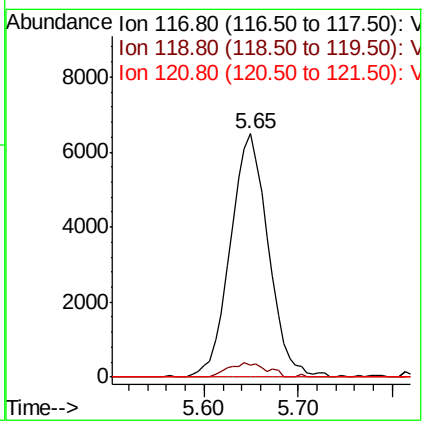


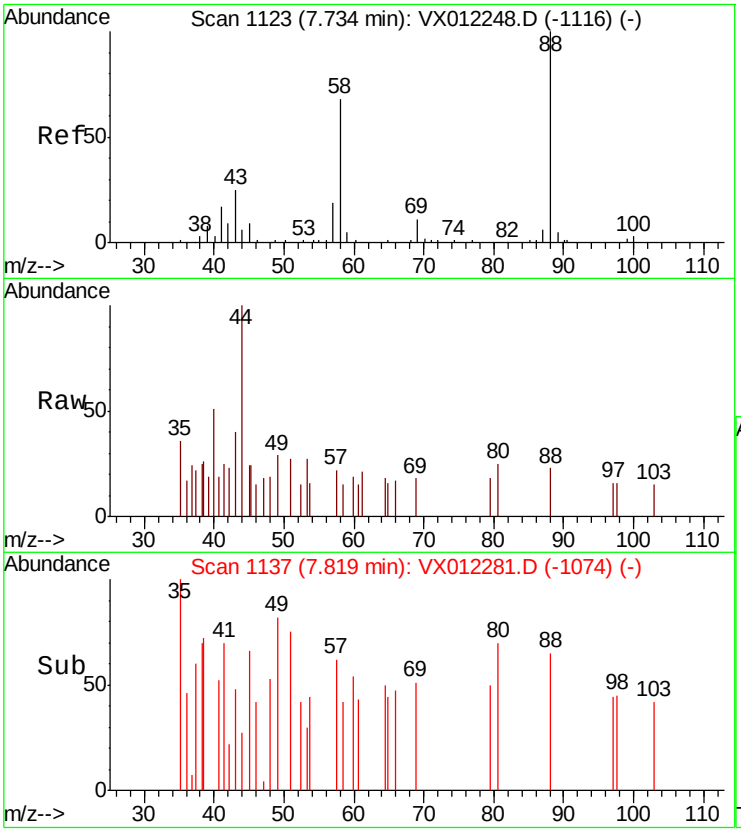


#38
Carbon Tetrachloride
Concen: 7.805 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion:117 Resp: 18206

Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.6	119.4#
121	0.0	24.7	37.1#



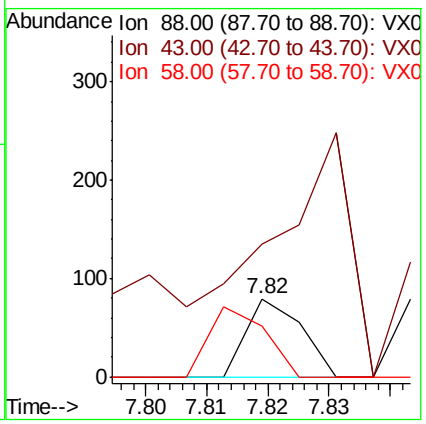


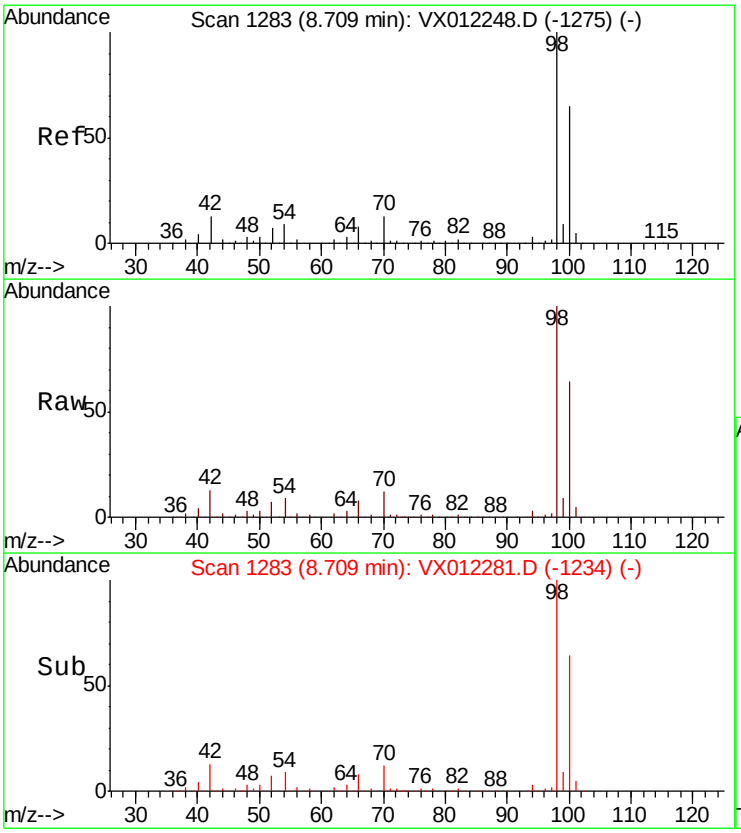
#49
1,4-Dioxane
Concen: 2.928 ug/l
RT: 7.82 min Scan# 1137
Delta R.T. 0.09 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
43	471.4	31.0	46.4#
58	91.8	61.5	92.3

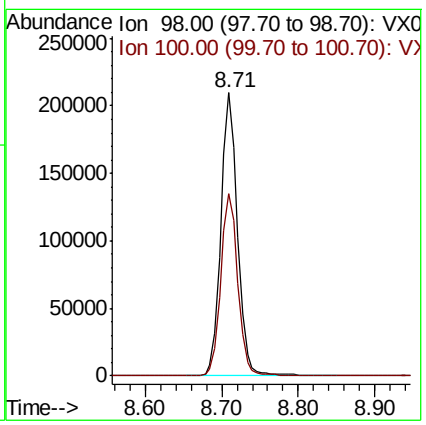


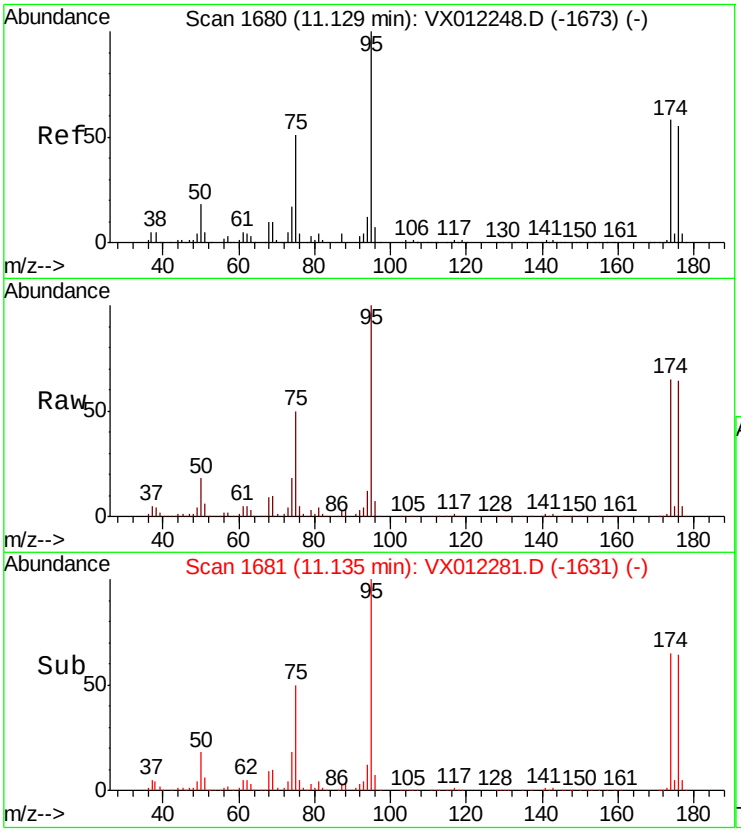


#50
Toluene-d8
Concen: 51.427 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 98 Resp: 315247

Ion	Ratio	Lower	Upper
98	100		
100	65.3	54.1	81.1



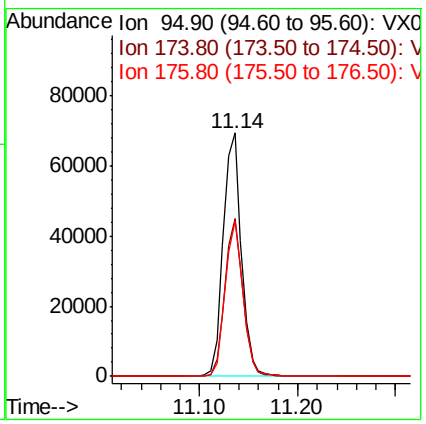


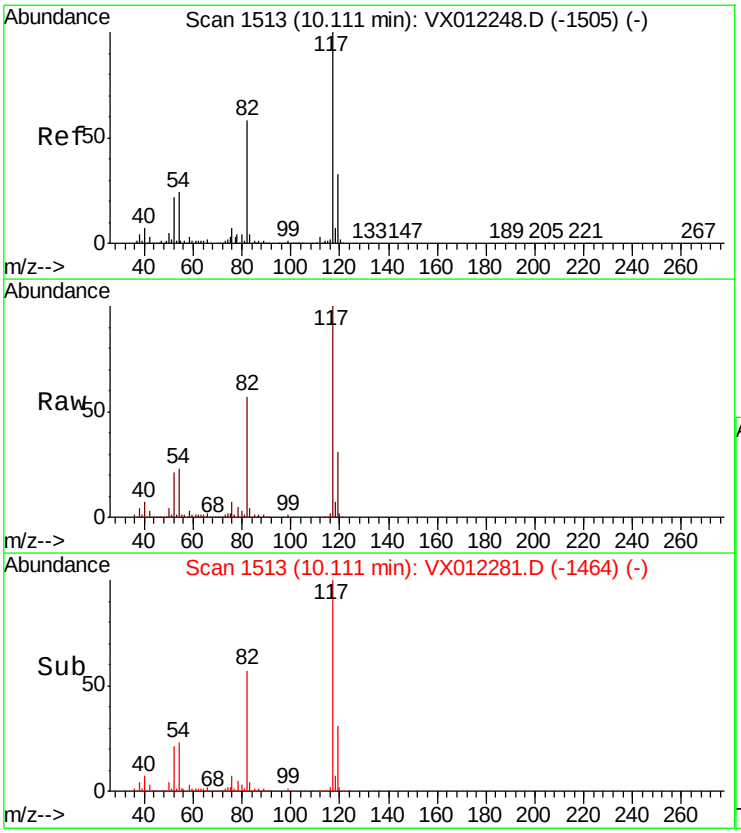
#62
4-Bromofluorobenzene
Concen: 31.620 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 95 Resp: 89860

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	127.0
176	62.7	0.0	125.8

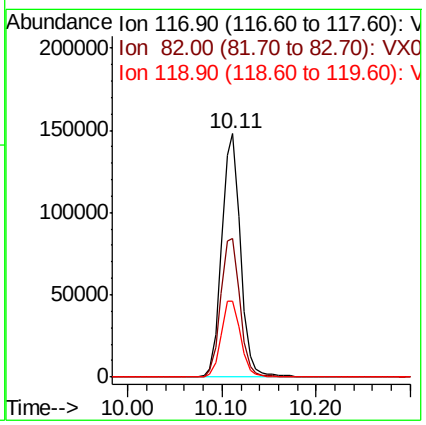


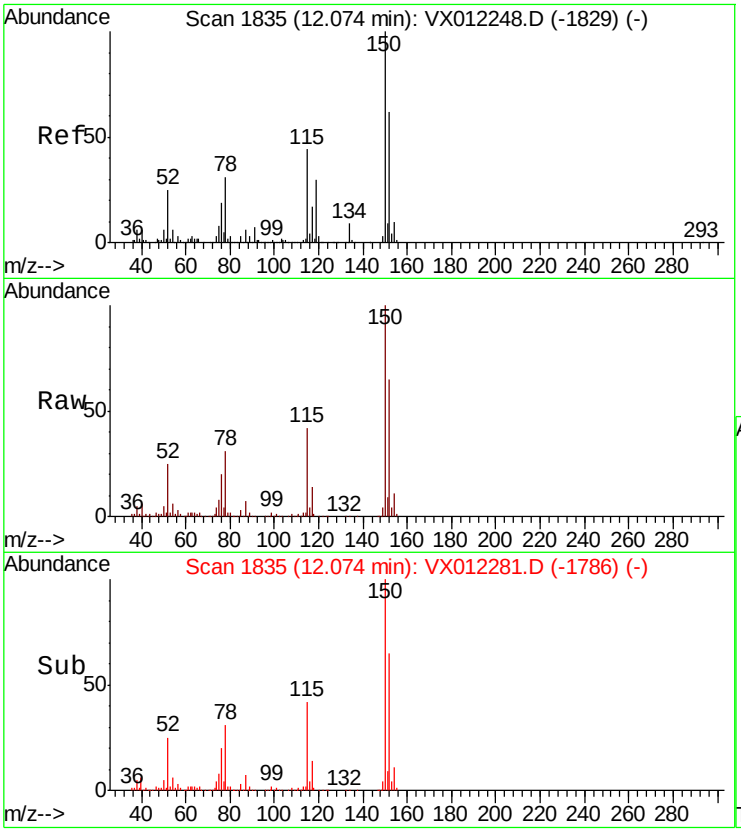


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion:117 Resp: 204340

Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.4	69.6
119	31.0	26.6	39.8



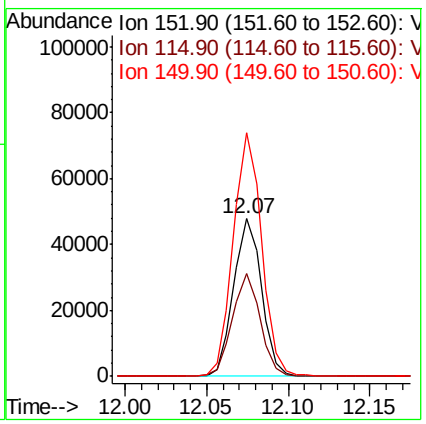


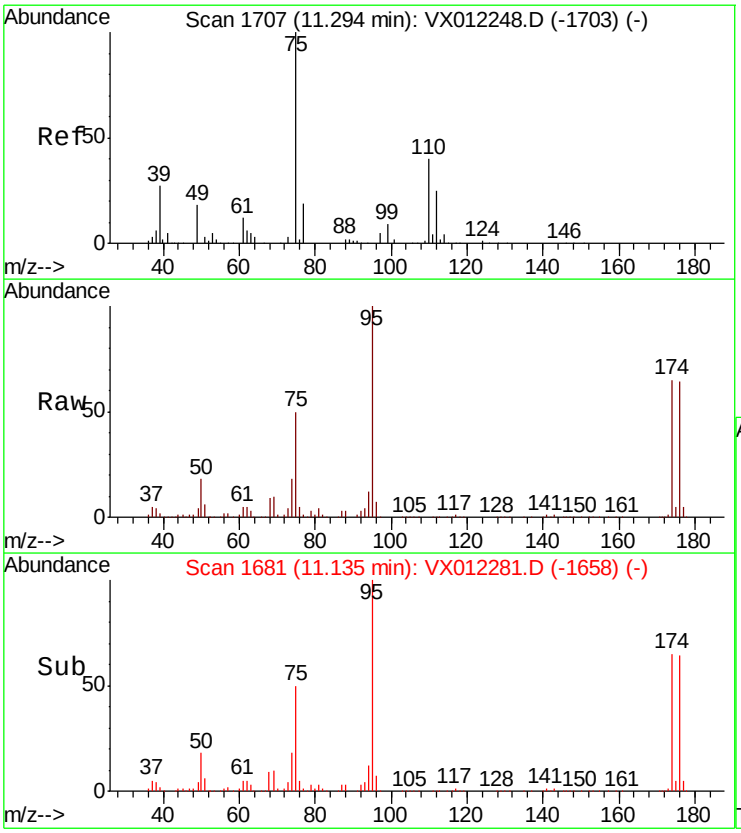
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion:152 Resp: 57459

Ion	Ratio	Lower	Upper
152	100		
115	65.0	45.5	136.4
150	156.0	0.0	346.4

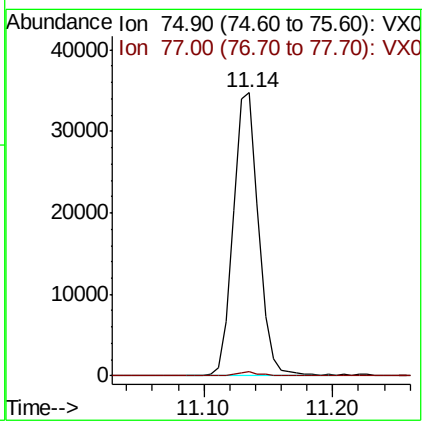


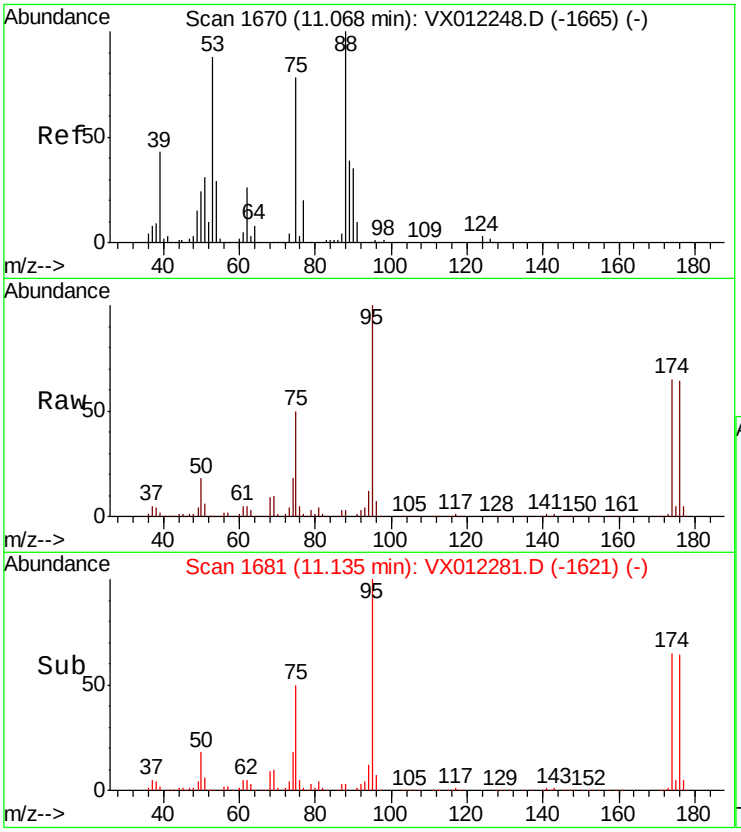


#76
1,2,3-Trichloropropane
Concen: 64.299 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Tgt Ion: 75 Resp: 47462

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 192.654 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012281.D
Acq: 11 Sep 2019 04:04

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(0)

Tgt Ion: 75 Resp: 47462

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.1	132.1#
89	0.0	43.5	65.3#