Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012282.D
Acq On : 11 Sep 2019 04:32
Operator : SY/SP
Sample : K4680-13
Misc : 5.89g/5.0mL/MSVOA_X/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-1-(1.5)

Quant Time: Sep 11 07:37:05 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	162019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	282455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	68061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112148	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
35) Dibromofluoromethane	5.48	113	86653	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.72%			
50) Toluene-d8	8.71	98	333341	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	11.14	95	103130	35.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.06%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	137	Below Cal	#	74
8) Diethyl Ether	2.17	74	1035	1.416	ug/l	81
11) Tert butyl alcohol	3.04	59	1025	Below Cal	#	85
13) Acrolein	2.26	56	146	1.219	ug/l	87
16) Acetone	2.43	43	1890	3.485	ug/l	100
29) Tetrahydrofuran	5.12	42	3939	10.532	ug/l	95
36) 1,1-Dichloropropene	5.65	75	14794	7.183	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19343	8.005	ug/l #	15
49) 1,4-Dioxane	7.63	88	19	1.096	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	54594	62.440	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	54594	187.084	ug/l #	5

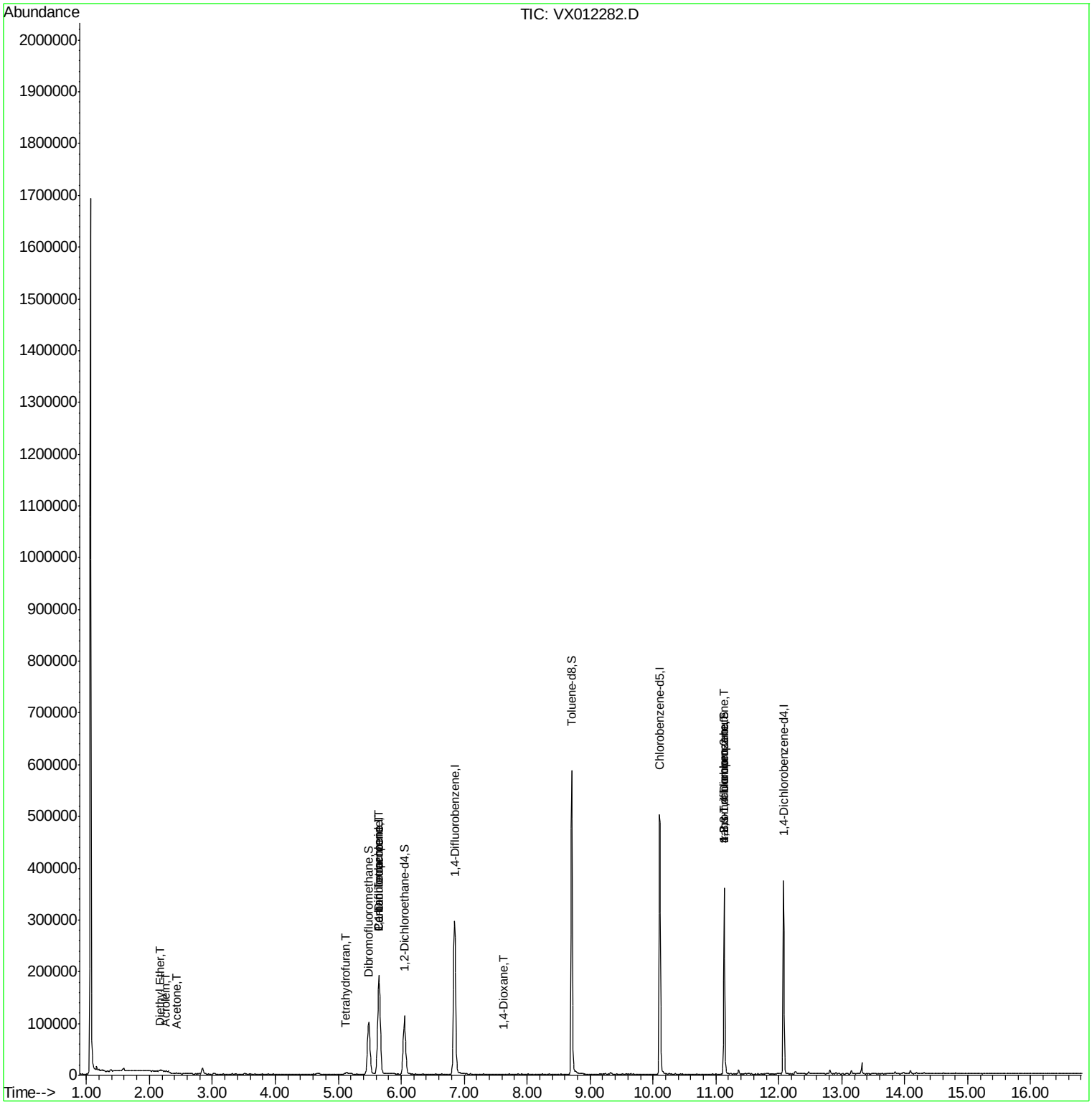
(#) = qualifier out of range (m) = manual integration (+) = signals summed

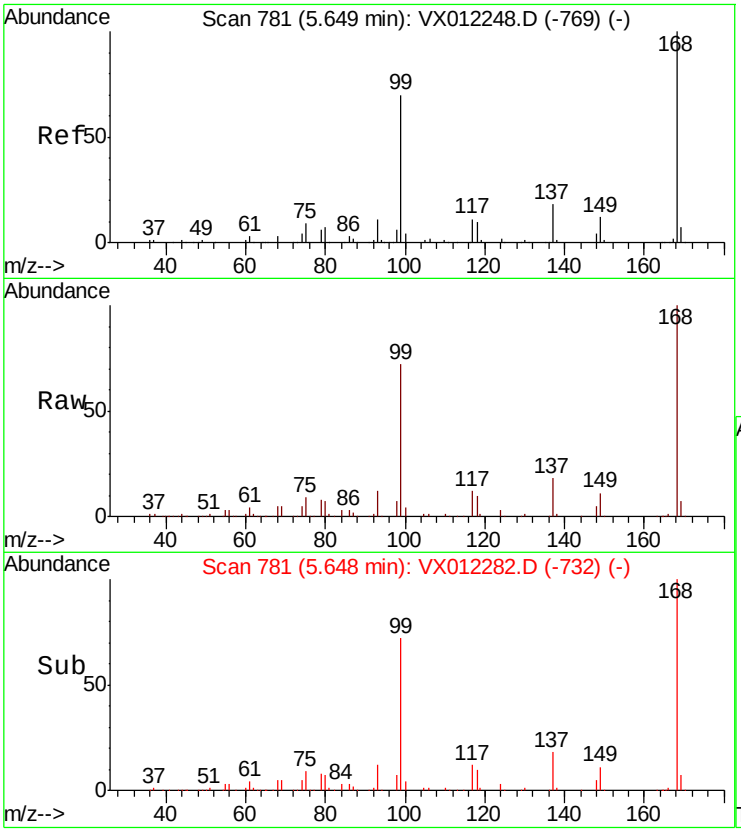
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012282.D
Acq On : 11 Sep 2019 04:32
Operator : SY/SP
Sample : K4680-13
Misc : 5.89g/5.0mL/MSVOA_X/SOIL
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Quant Time: Sep 11 07:37:05 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



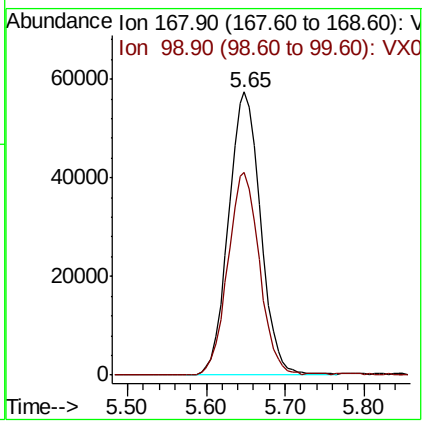


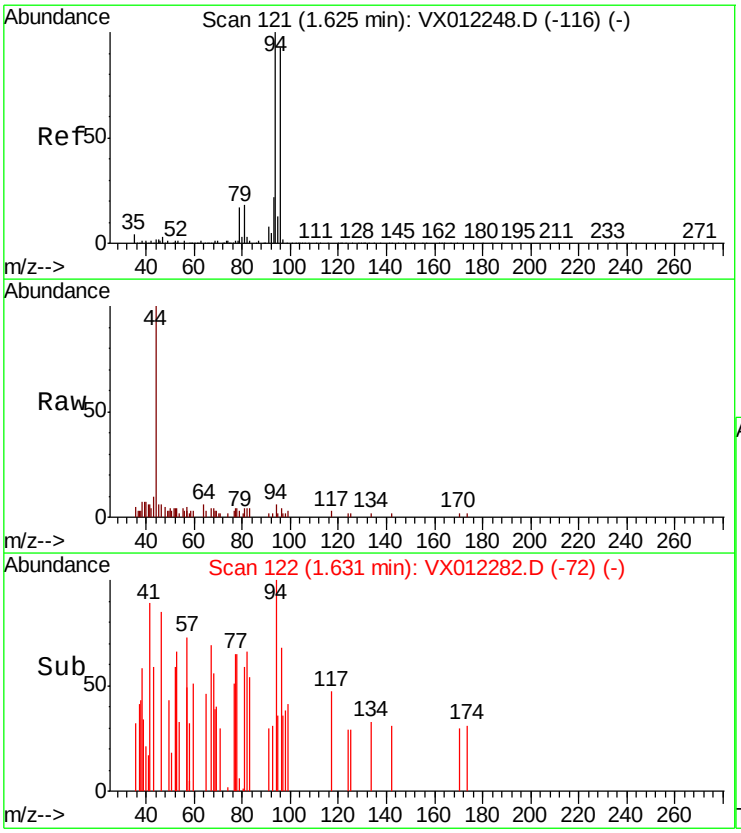
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion:168 Resp: 162019

Ion	Ratio	Lower	Upper
168	100		
99	71.5	55.8	83.6

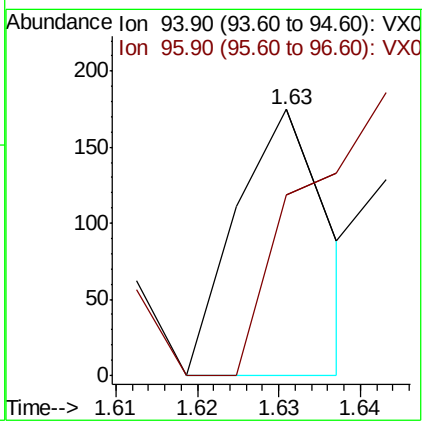


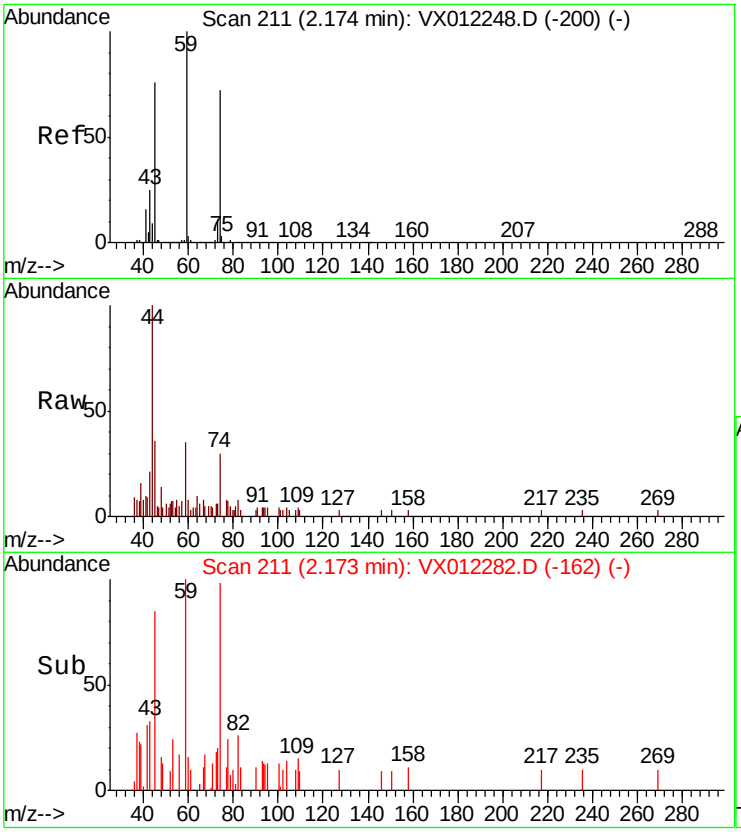


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 94 Resp: 137

Ion	Ratio	Lower	Upper
94	100		
96	68.0	74.0	111.0#



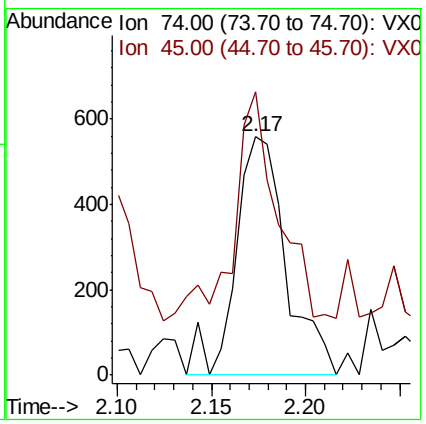


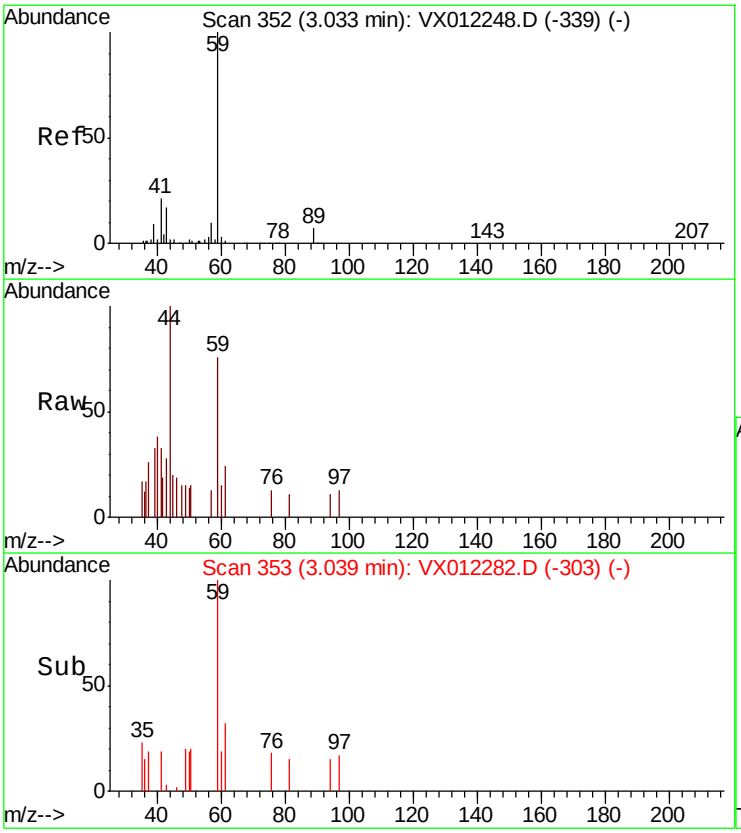
#8
Diethyl Ether
Concen: 1.416 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 74 Resp: 1035

Ion	Ratio	Lower	Upper
74	100		
45	83.0	51.3	153.9

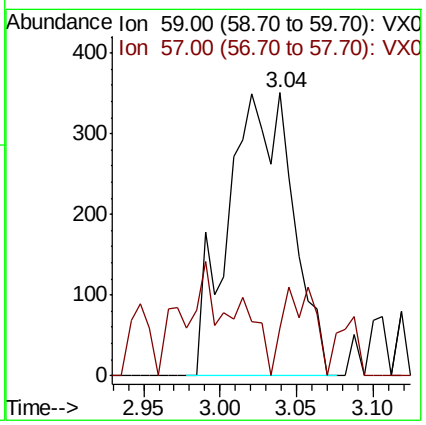


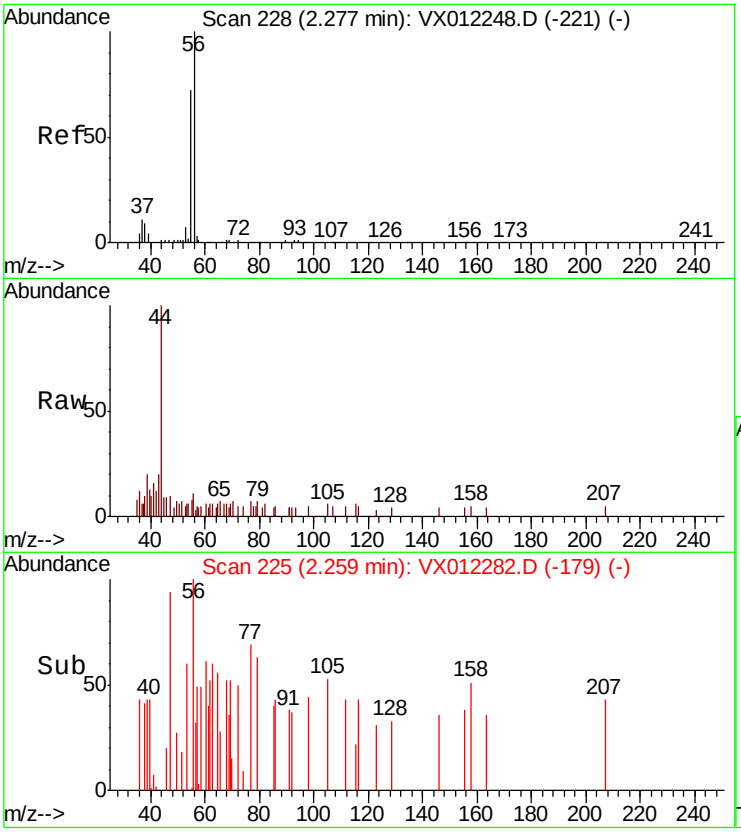


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 59 Resp: 1025

Ion	Ratio	Lower	Upper
59	100		
57	15.2	7.8	11.6#



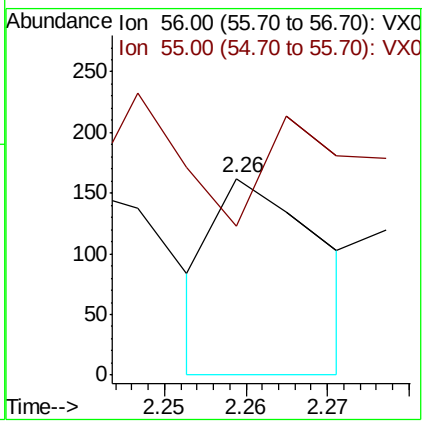


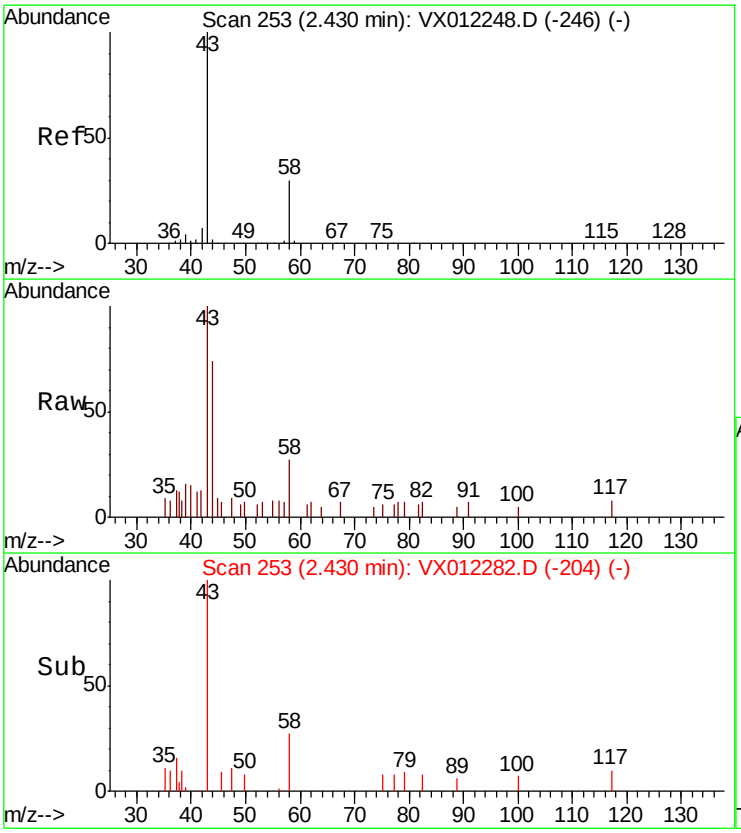
#13
Acrolein
Concen: 1.219 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 56 Resp: 146

Ion	Ratio	Lower	Upper
56	100		
55	85.6	59.8	89.6

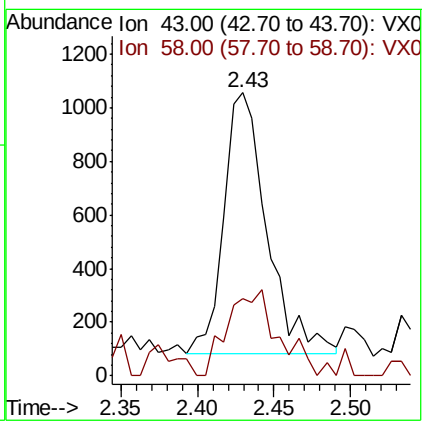


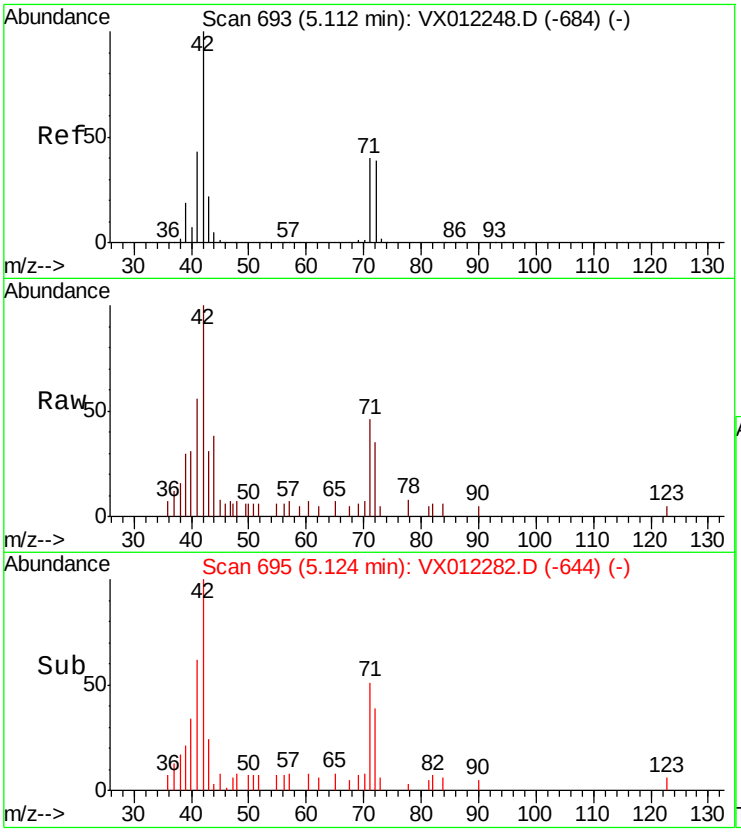


#16
Acetone
Concen: 3.485 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 43 Resp: 1890

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.6	35.4



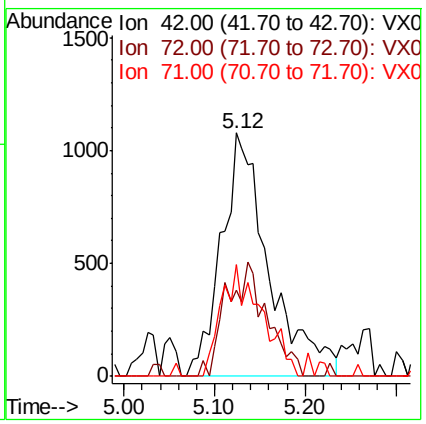


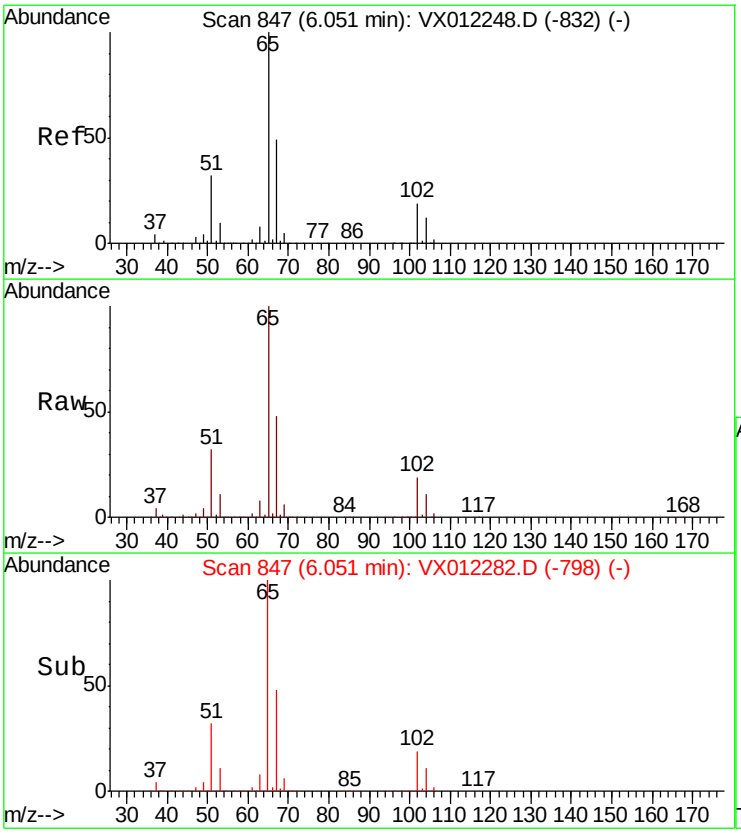
#29
Tetrahydrofuran
Concen: 10.532 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 42 Resp: 3939

Ion	Ratio	Lower	Upper
42	100		
72	40.0	35.2	52.8
71	38.7	32.5	48.7

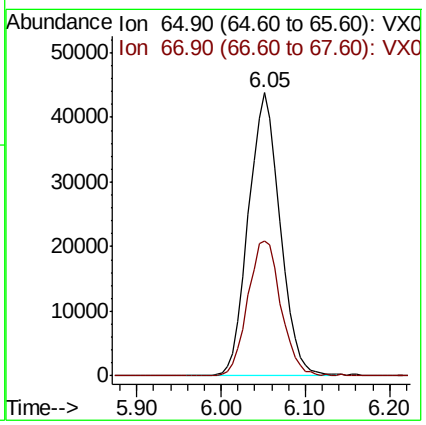


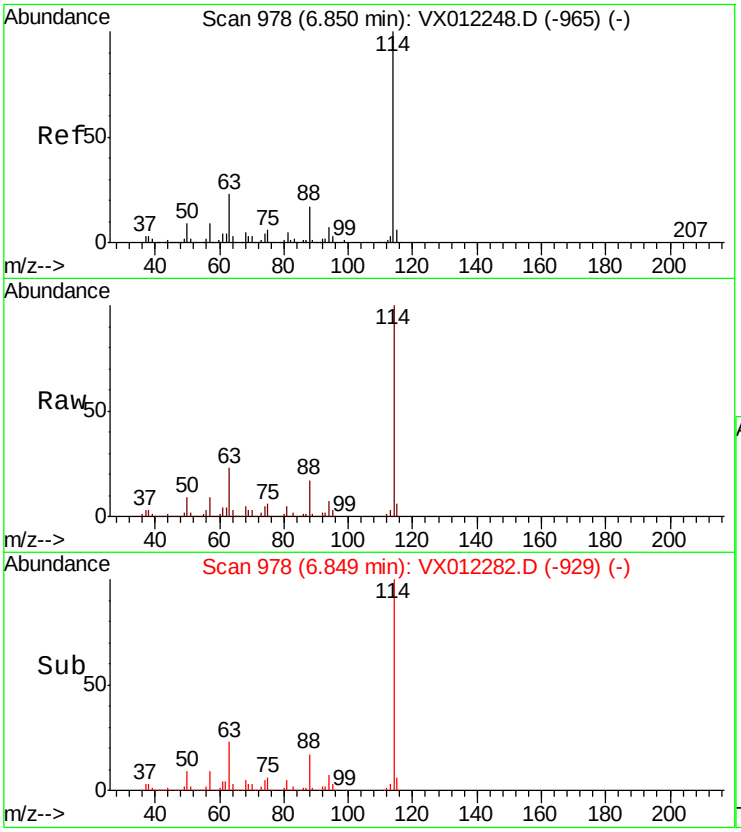


#33
1,2-Dichloroethane-d4
Concen: 48.959 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 65 Resp: 112148

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8



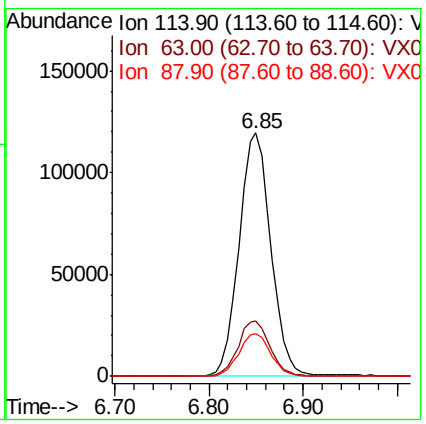


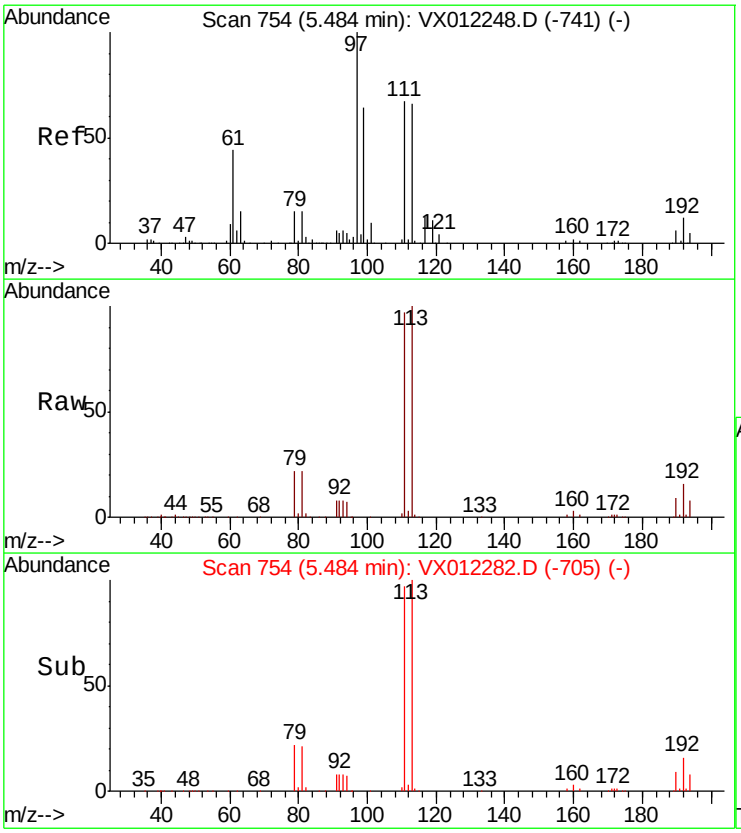
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion:114 Resp: 282455

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.2
88	17.3	0.0	34.8

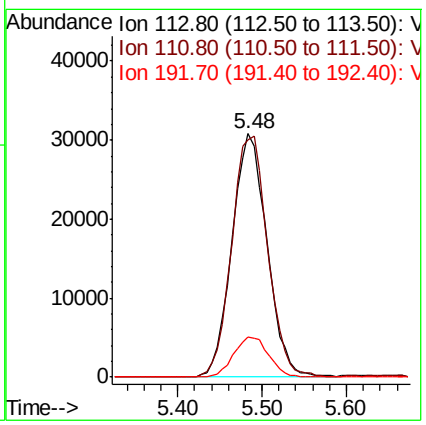


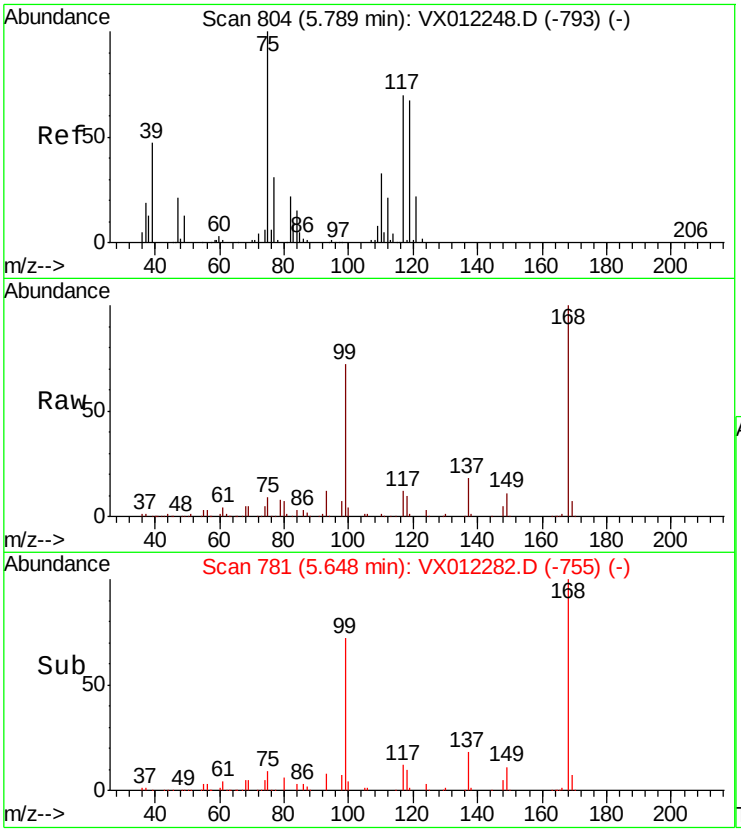


#35
Dibromofluoromethane
Concen: 47.857 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion:113 Resp: 86653

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	16.6	14.3	21.5



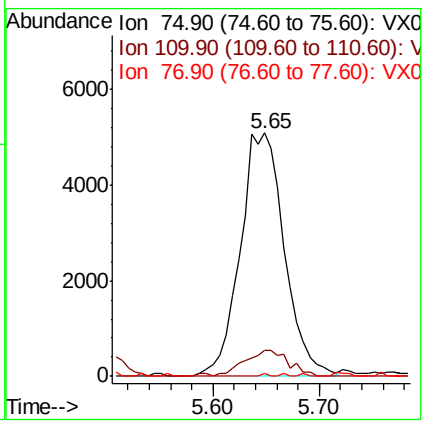


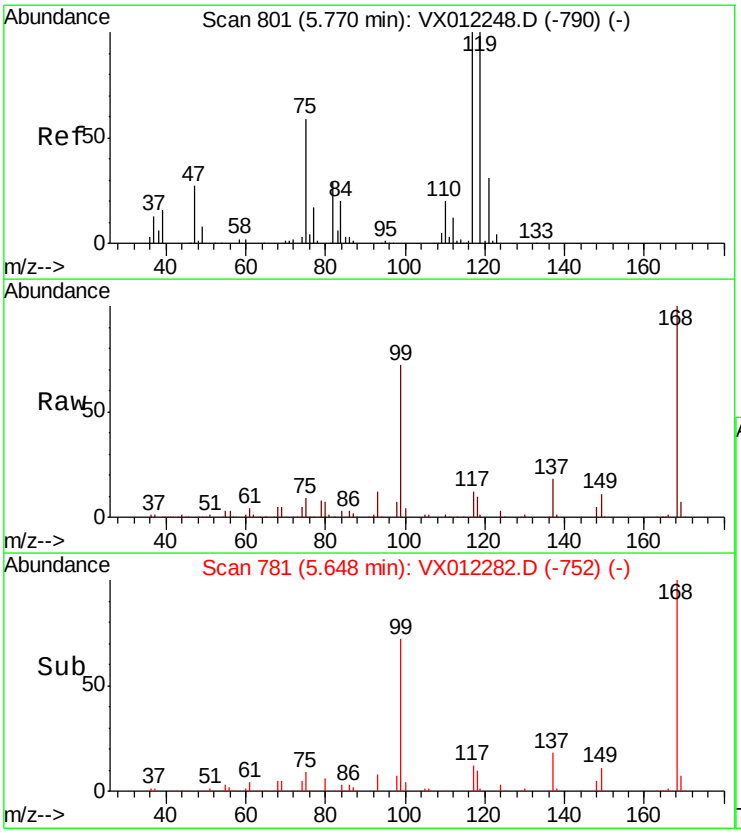
#36
1,1-Dichloropropene
Concen: 7.183 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 75 Resp: 14794

Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.8	50.4#
77	0.1	24.5	36.7#

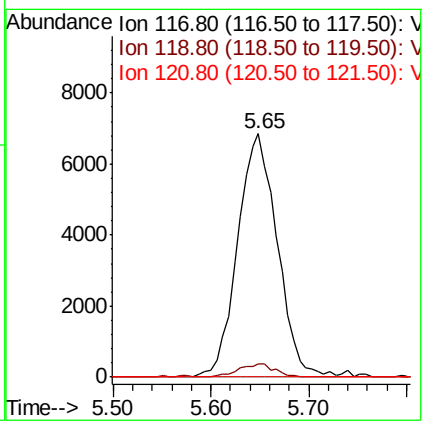


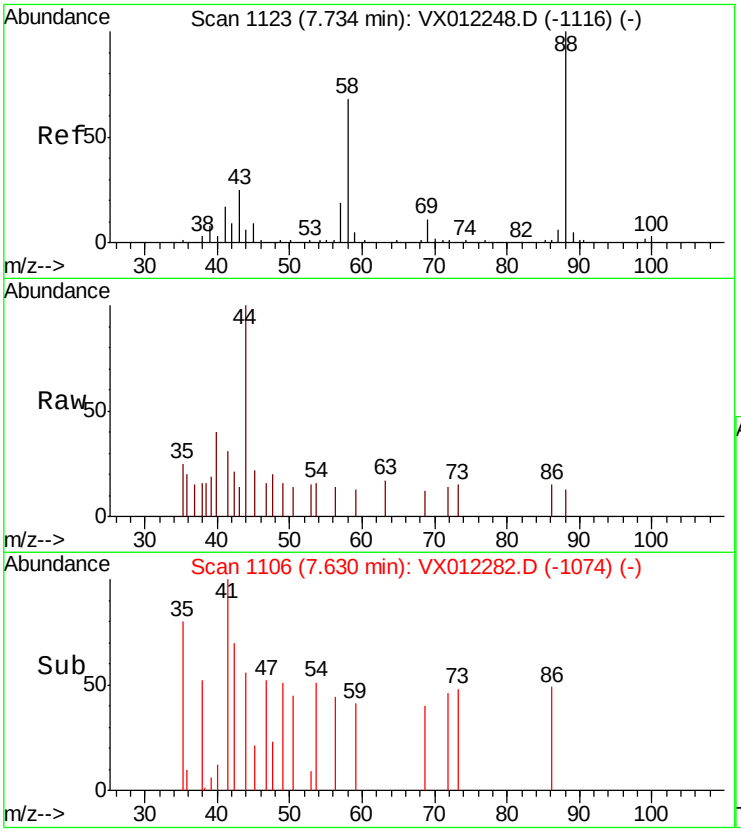


#38
Carbon Tetrachloride
Concen: 8.005 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion:117 Resp: 19343

Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.6	119.4#
121	0.0	24.7	37.1#



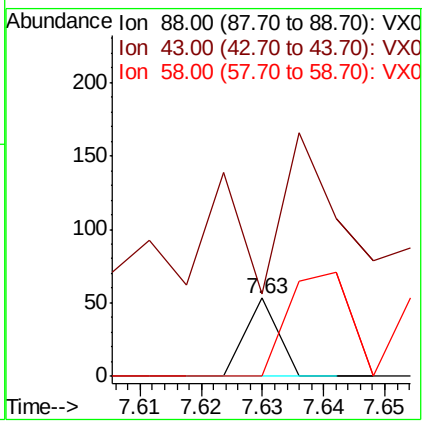


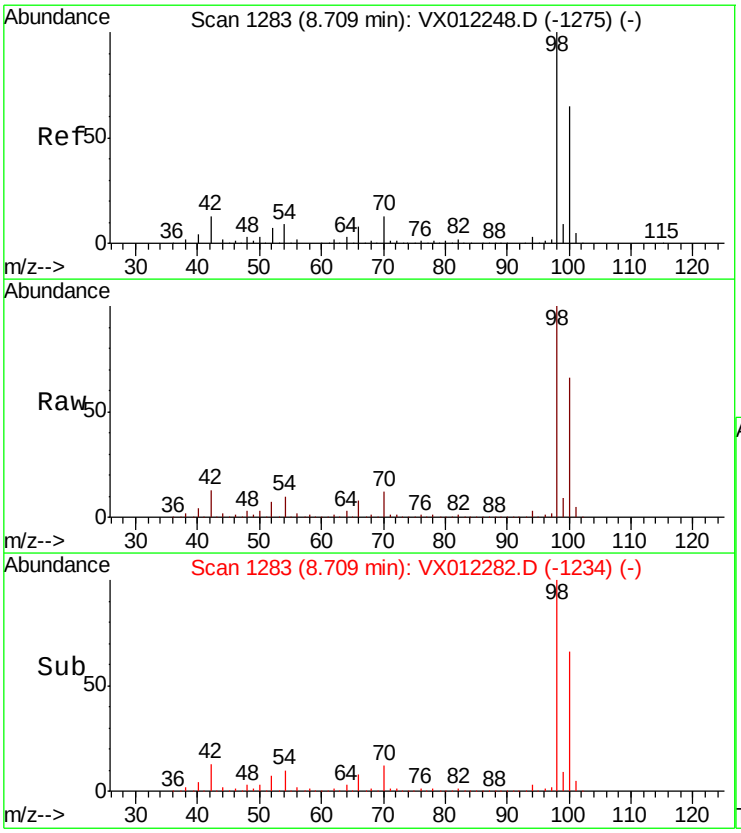
#49
1,4-Dioxane
Concen: 1.096 ug/l
RT: 7.63 min Scan# 1106
Delta R.T. -0.10 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	457.9	31.0	46.4#
58	263.2	61.5	92.3#

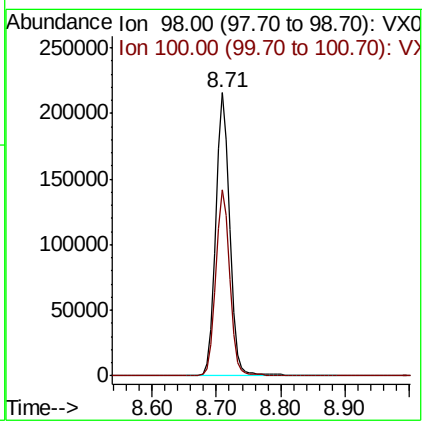


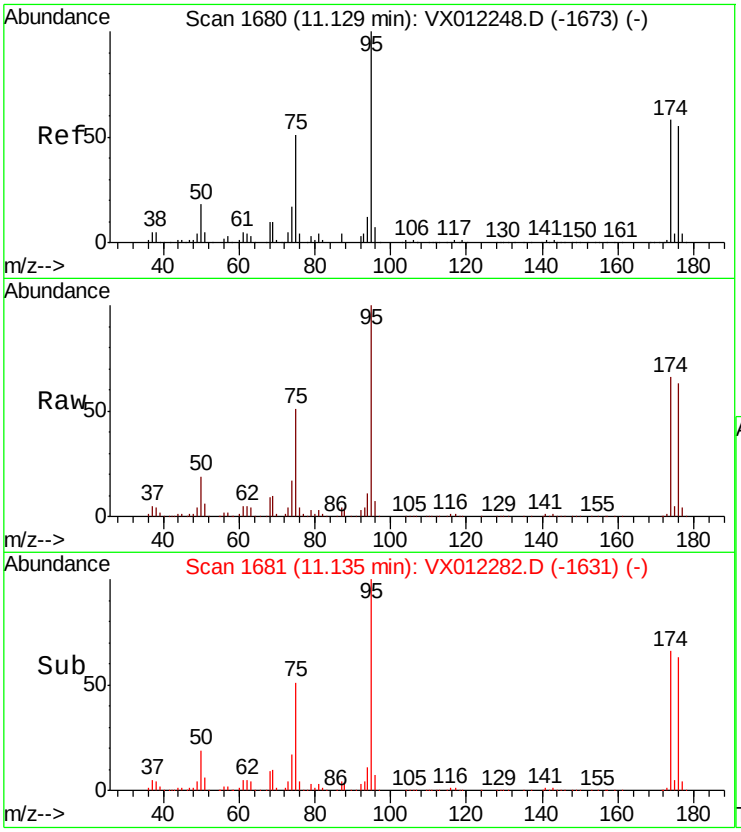


#50
Toluene-d8
Concen: 52.489 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 98 Resp: 333341

Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.1	81.1



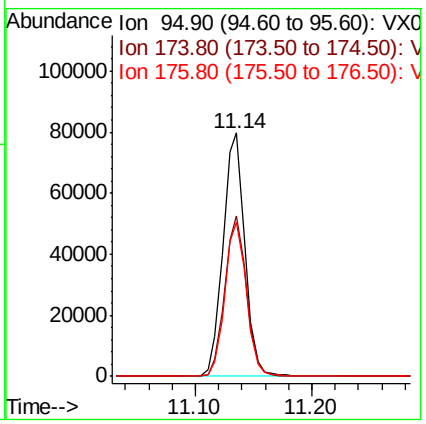


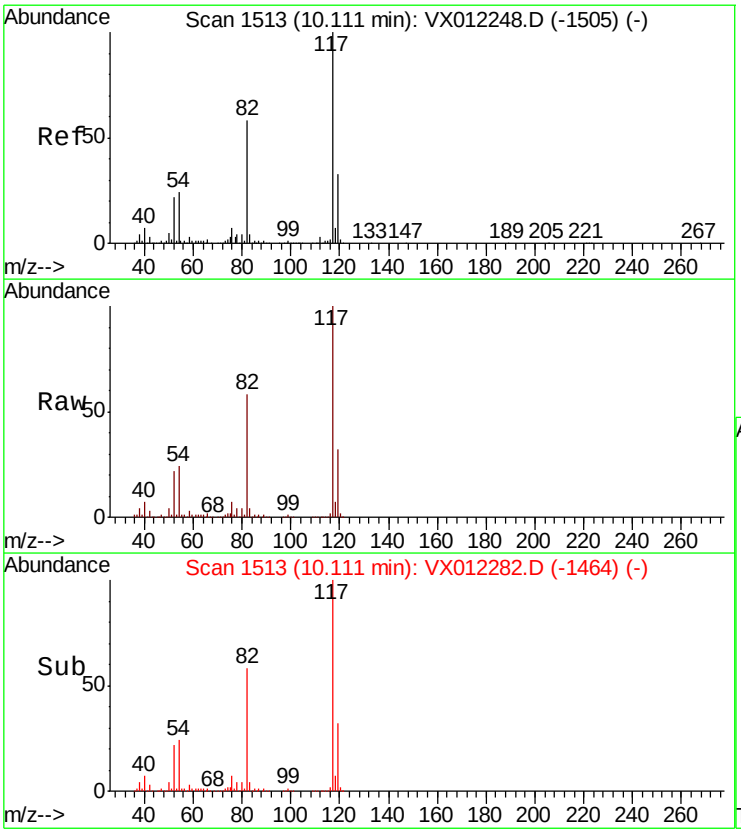
#62
4-Bromofluorobenzene
Concen: 35.029 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 95 Resp: 103130

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	127.0
176	62.5	0.0	125.8

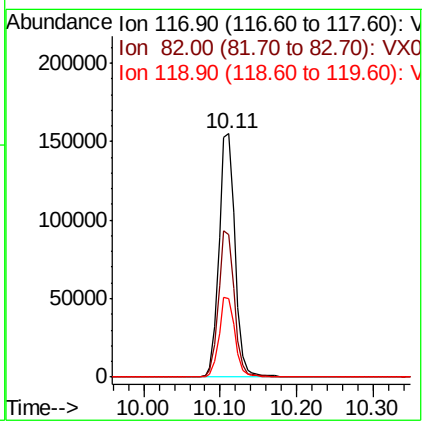


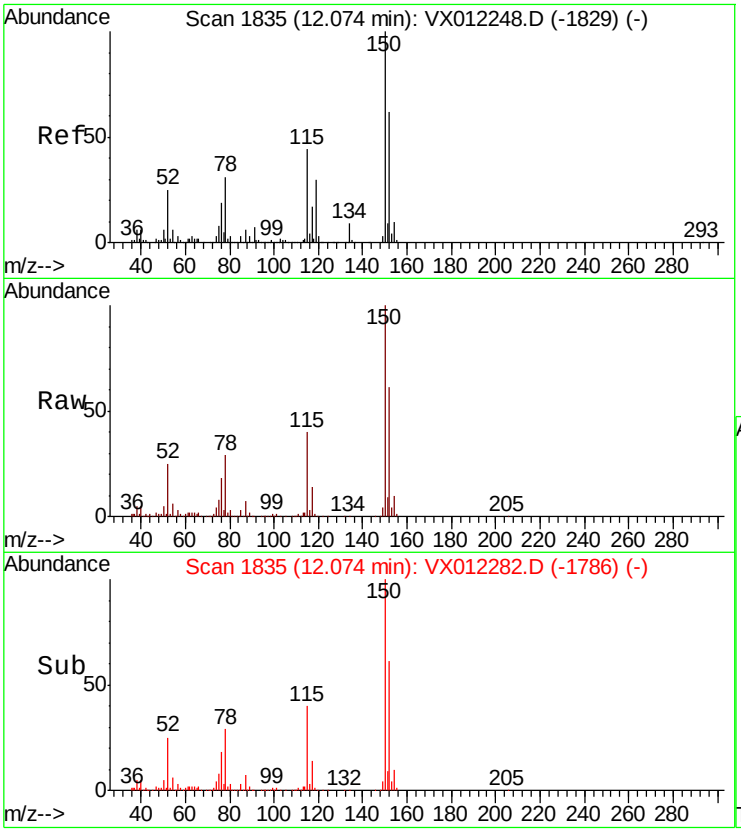


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion:117 Resp: 224247

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.4	69.6
119	32.0	26.6	39.8



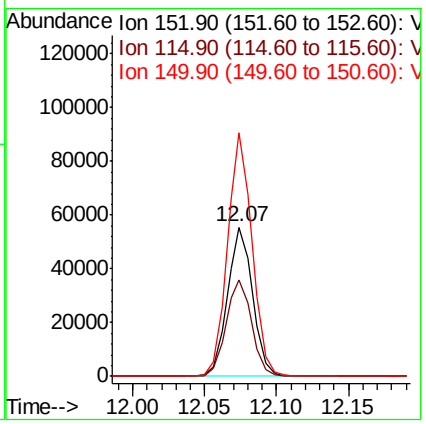


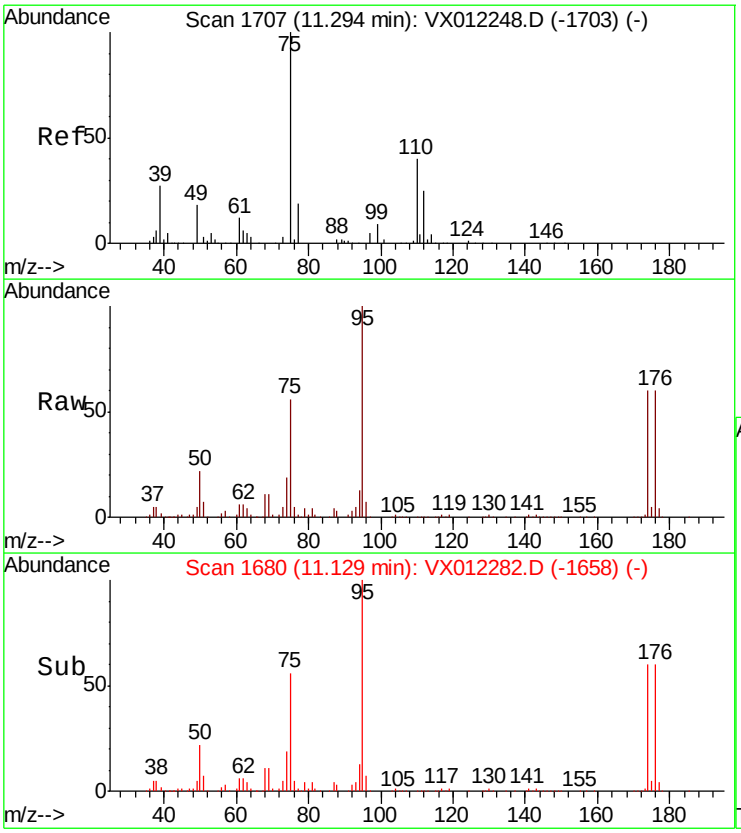
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion:152 Resp: 68061

Ion	Ratio	Lower	Upper
152	100		
115	65.8	45.5	136.4
150	160.0	0.0	346.4

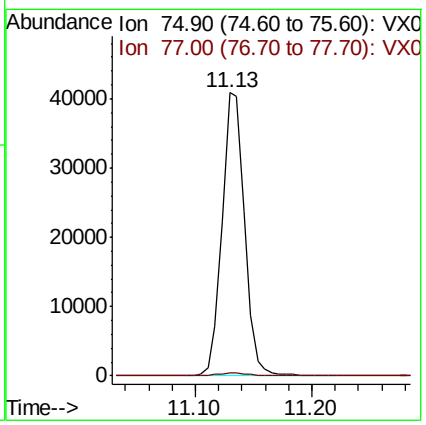


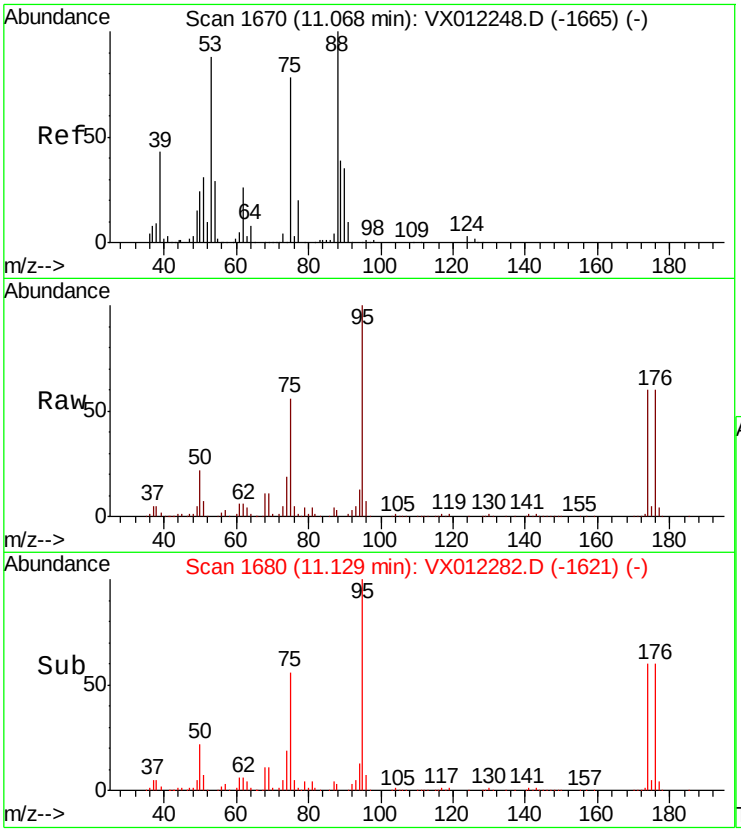


#76
1,2,3-Trichloropropane
Concen: 62.440 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Tgt Ion: 75 Resp: 54594

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 187.084 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012282.D
Acq: 11 Sep 2019 04:32

Instrument :
MSVOA_X
ClientSampleId :
T3-1-(1.5)

Tgt Ion: 75 Resp: 54594

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