Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012050.D
Acq On : 04 Sep 2019 14:24
Operator : SY/SP
Sample : K4546-14
Misc : 5.75g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T3-S-B1-(2.5)

Quant Time: Sep 04 14:45:47 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	54788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	90129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	73389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	29610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	32659	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.40%			
35) Dibromofluoromethane	5.49	113	26060	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
50) Toluene-d8	8.71	98	105349	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.60%			
62) 4-Bromofluorobenzene	11.14	95	39034	41.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.54%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	449	1.718	ug/l #	4
10) Methyl Iodide	2.51	142	101	7.141	ug/l #	40
11) Tert butyl alcohol	3.03	59	414	5.702	ug/l #	40
13) Acrolein	2.28	56	49	Below Cal	#	1
16) Acetone	2.43	43	3868	21.407	ug/l	95
20) Methylene Chloride	2.84	84	5359	7.386	ug/l	87
29) Tetrahydrofuran	5.14	42	1503	10.846	ug/l #	80
31) Cyclohexane	5.66	56	1800	1.942	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	5262	6.629	ug/l #	47
38) Carbon Tetrachloride	5.65	117	6596	7.886	ug/l #	15
68) m/p-Xylenes	10.36	106	1380	1.419	ug/l	84
76) 1,2,3-Trichloropropane	11.14	75	19956	55.159	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	19956	130.405	ug/l #	10

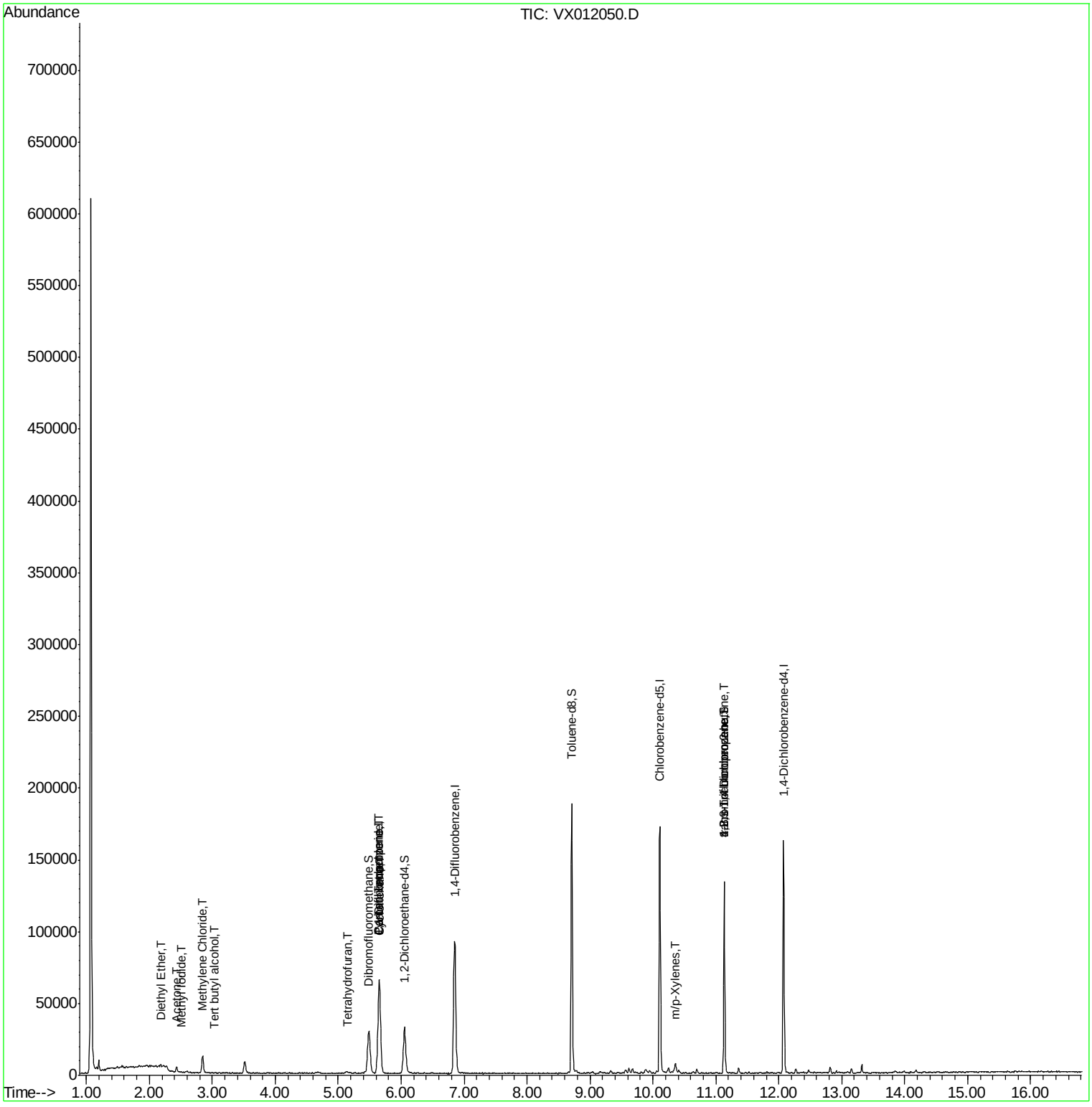
(#) = qualifier out of range (m) = manual integration (+) = signals summed

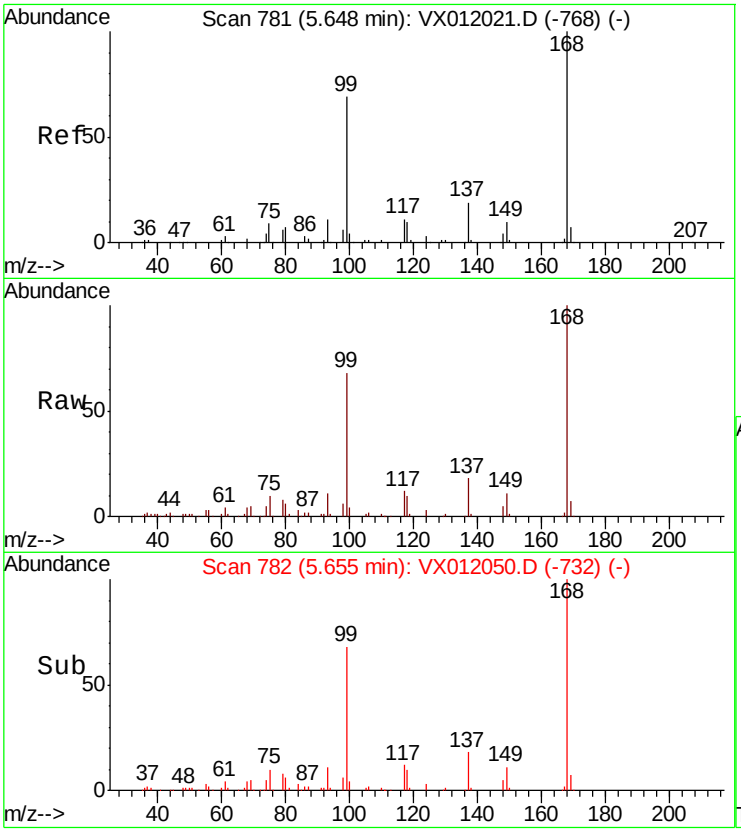
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
Data File : VX012050.D
Acq On : 04 Sep 2019 14:24
Operator : SY/SP
Sample : K4546-14
Misc : 5.75g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Quant Time: Sep 04 14:45:47 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



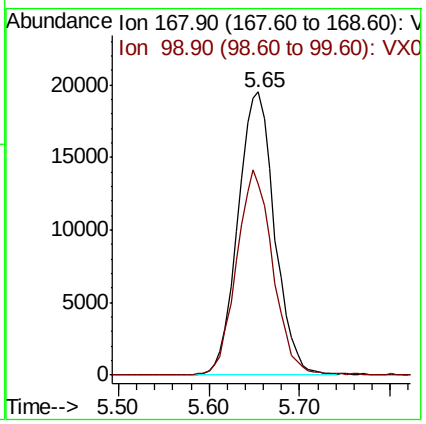


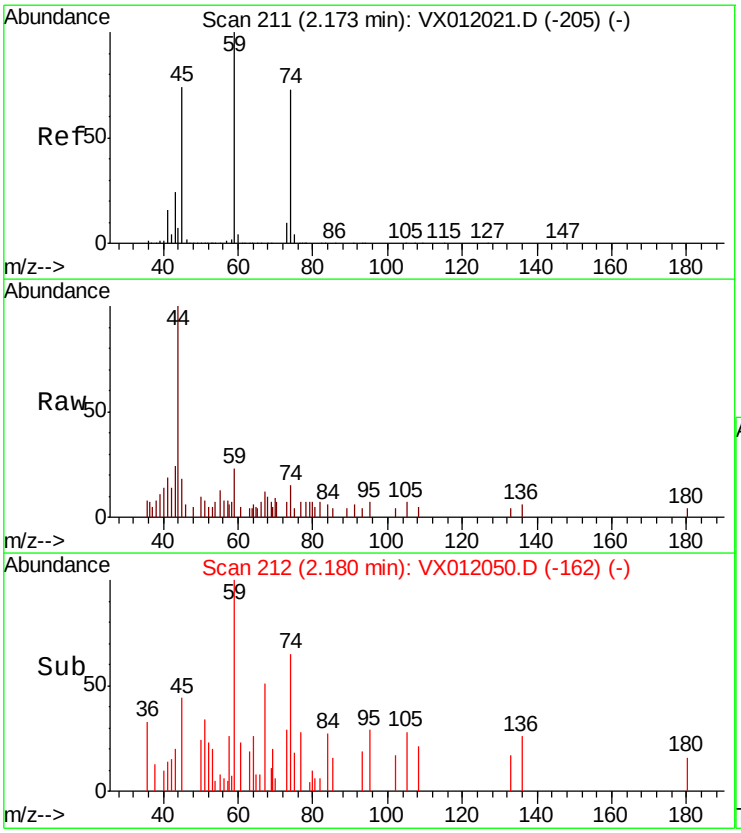
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion:168 Resp: 54788

Ion	Ratio	Lower	Upper
168	100		
99	67.5	37.6	56.4#

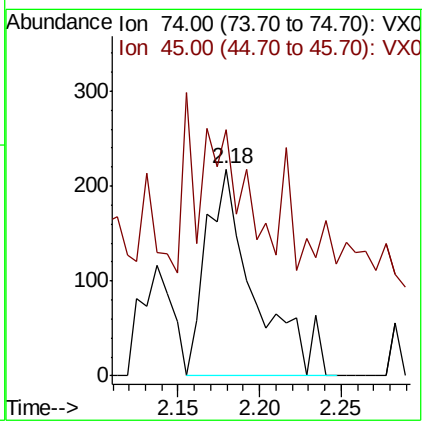


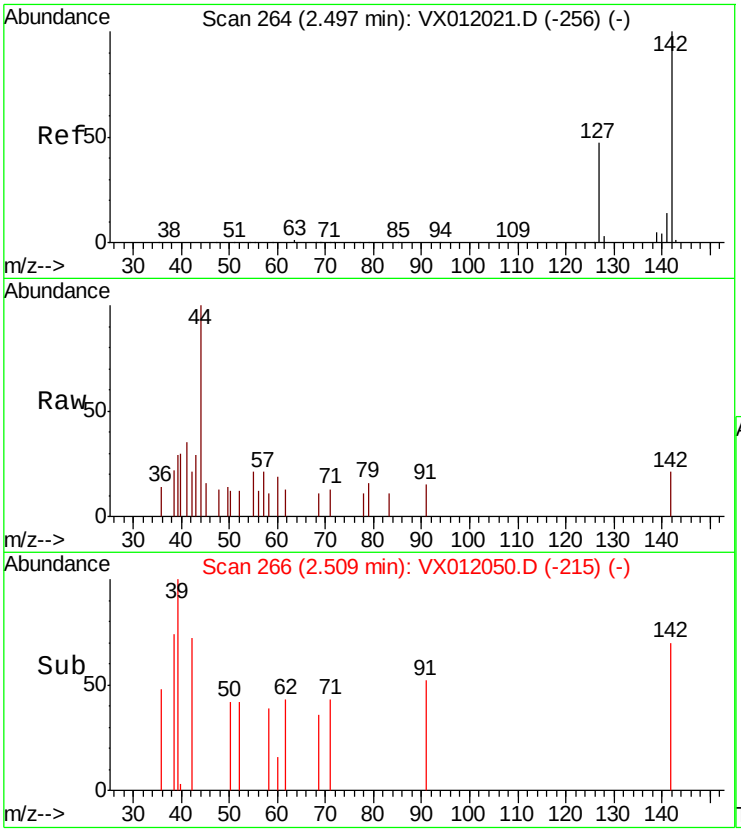


#8
Diethyl Ether
Concen: 1.718 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 74 Resp: 449

Ion	Ratio	Lower	Upper
74	100		
45	0.0	45.9	137.6#



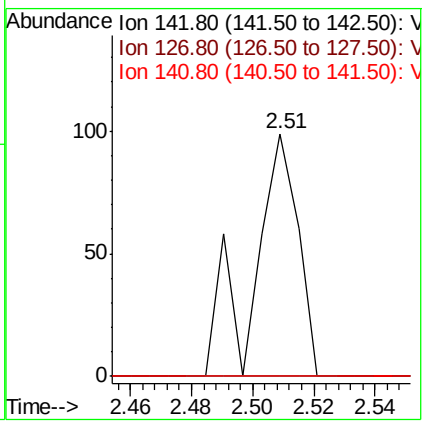


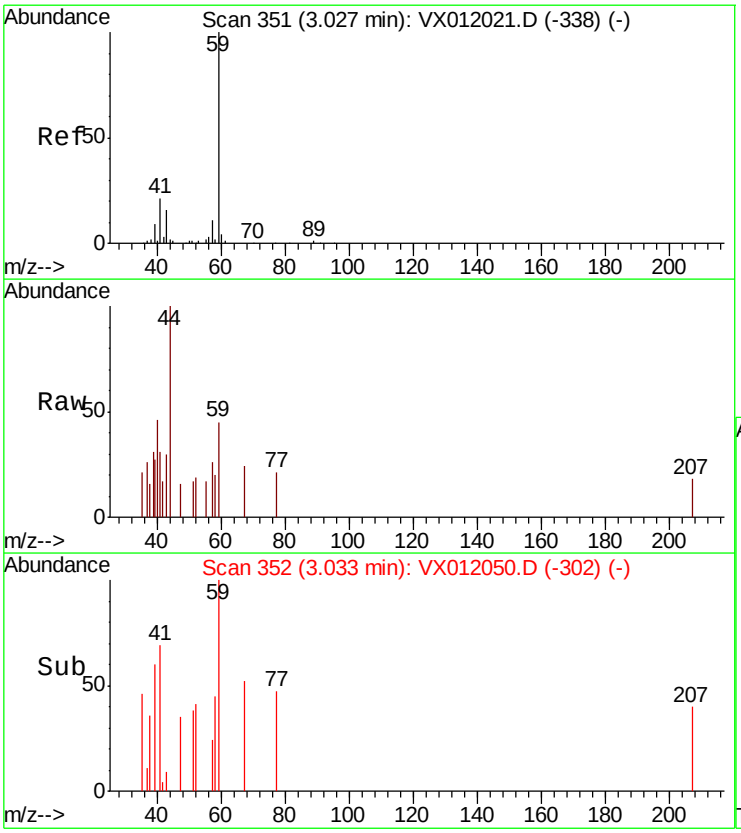
#10
Methyl Iodide
Concen: 7.141 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion:142 Resp: 101

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

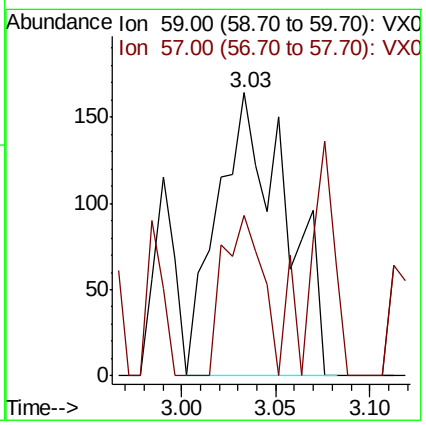


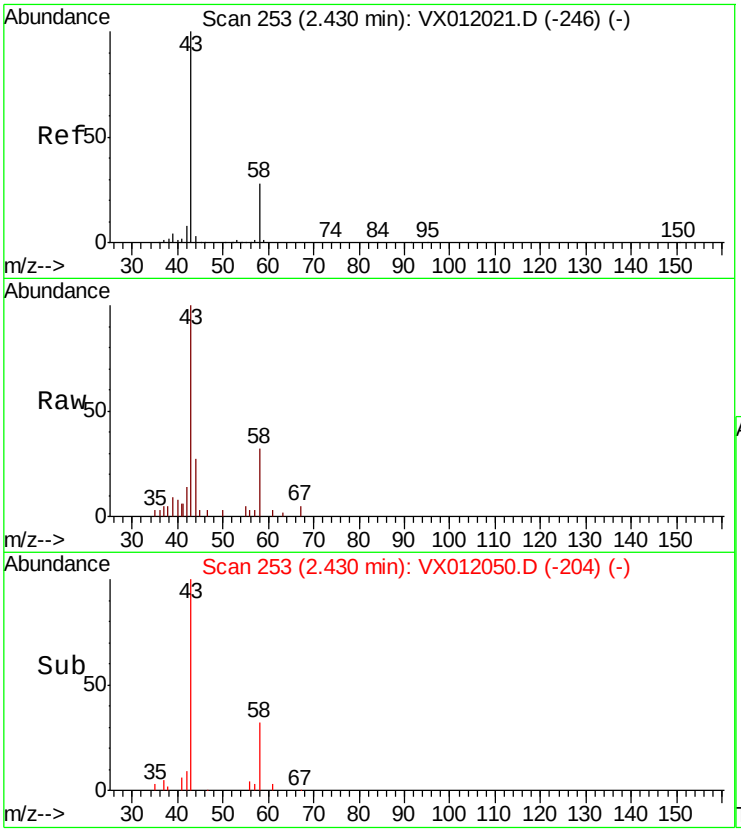


#11
Tert butyl alcohol
Concen: 5.702 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	32.1	7.9	11.9#



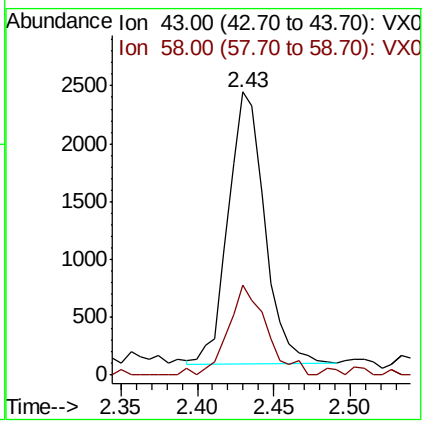


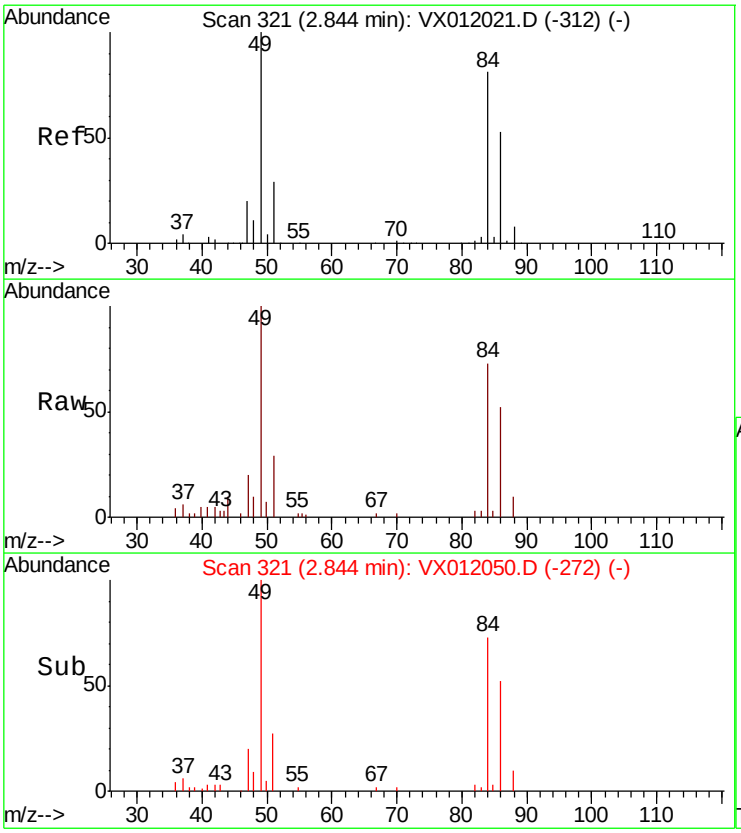
#16
Acetone
Concen: 21.407 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion: 43 Resp: 3868

Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.8	34.2

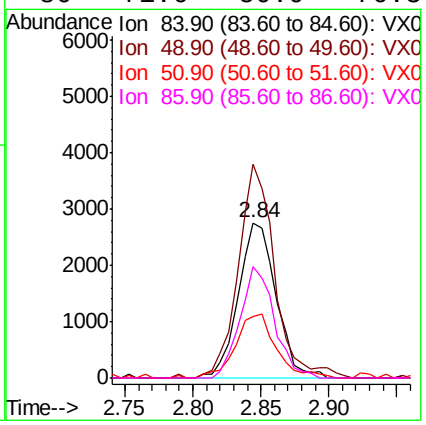


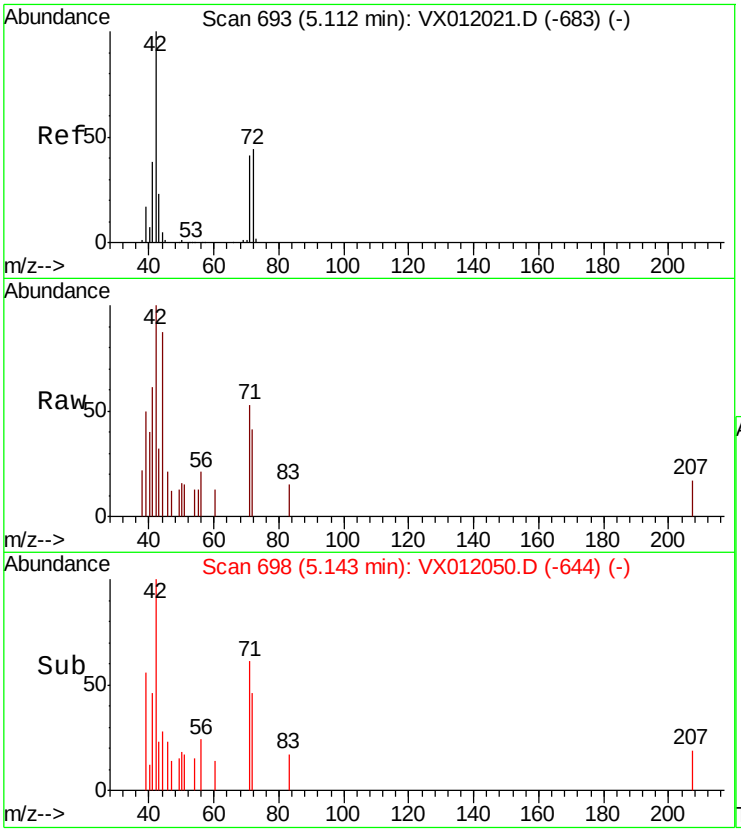


#20
Methylene Chloride
Concen: 7.386 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 84 Resp: 5359

Ion	Ratio	Lower	Upper
84	100		
49	137.9	95.8	143.8
51	39.7	28.6	43.0
86	71.6	50.9	76.3



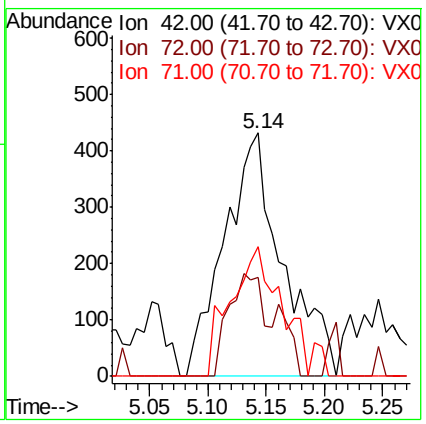


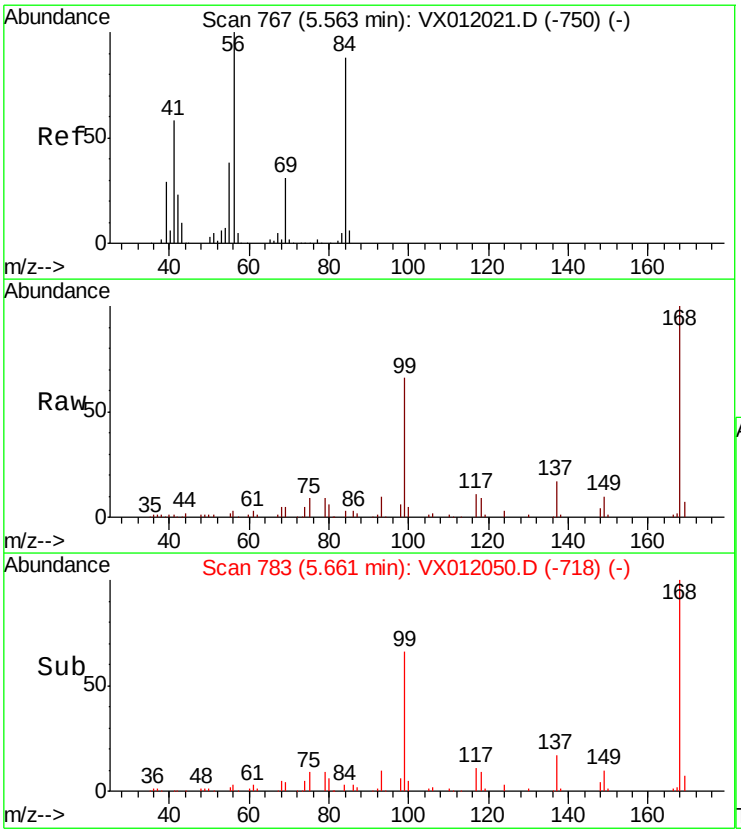
#29
Tetrahydrofuran
Concen: 10.846 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.03 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion: 42 Resp: 1503

Ion	Ratio	Lower	Upper
42	100		
72	26.0	37.0	55.4#
71	48.3	33.8	50.8

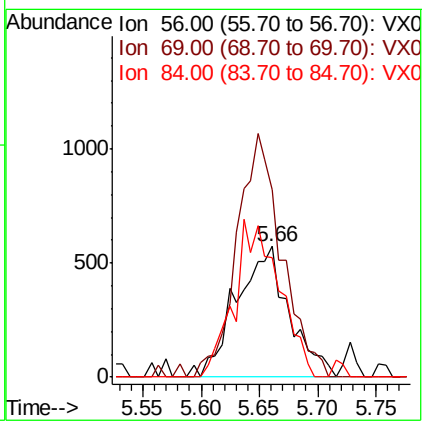


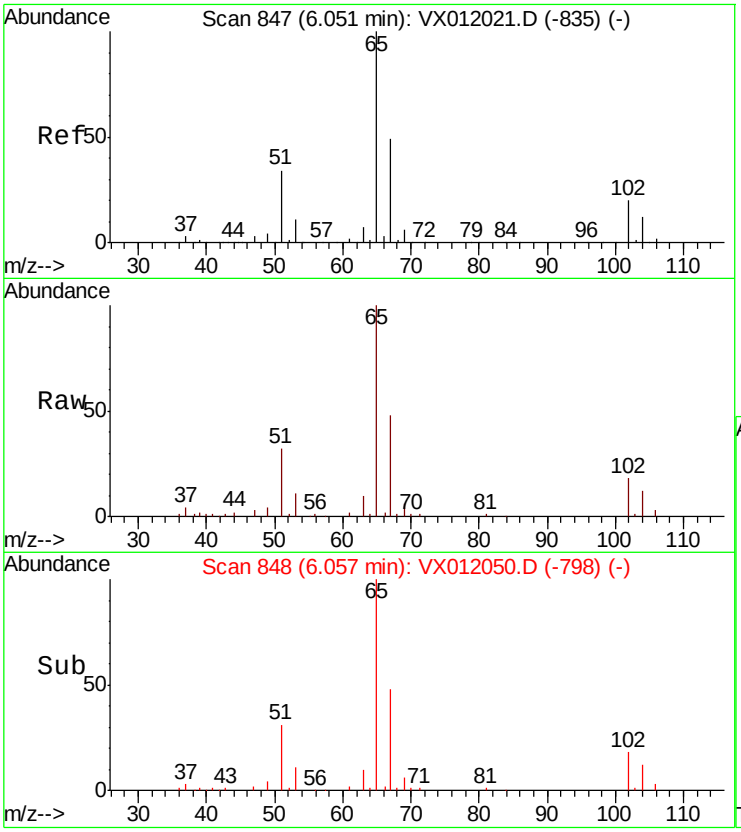


#31
Cyclohexane
Concen: 1.942 ug/l
RT: 5.66 min Scan# 783
Delta R.T. 0.10 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 56 Resp: 1800

Ion	Ratio	Lower	Upper
56	100		
69	143.3	25.7	38.5#
84	90.9	70.3	105.5



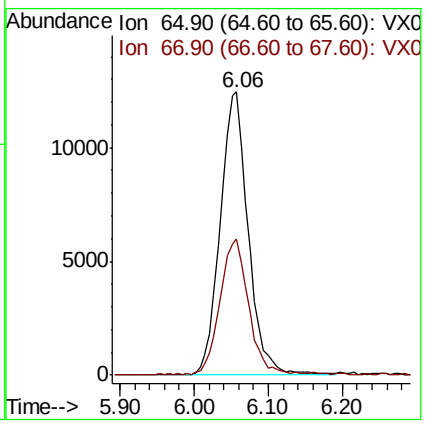


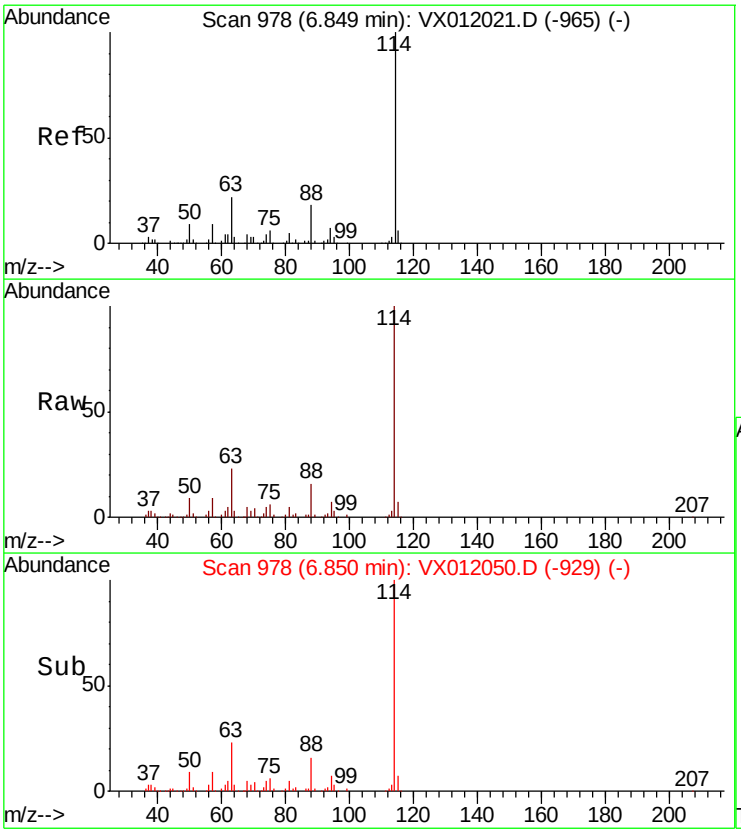
#33
1,2-Dichloroethane-d4
Concen: 43.202 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion: 65 Resp: 32659

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.0

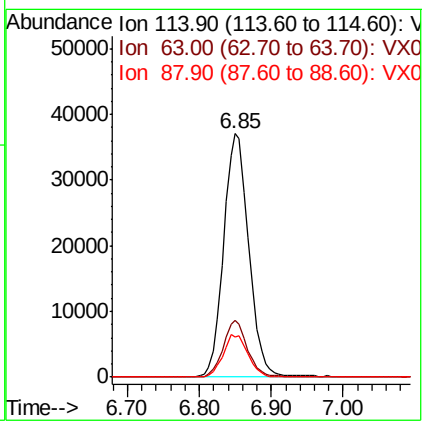


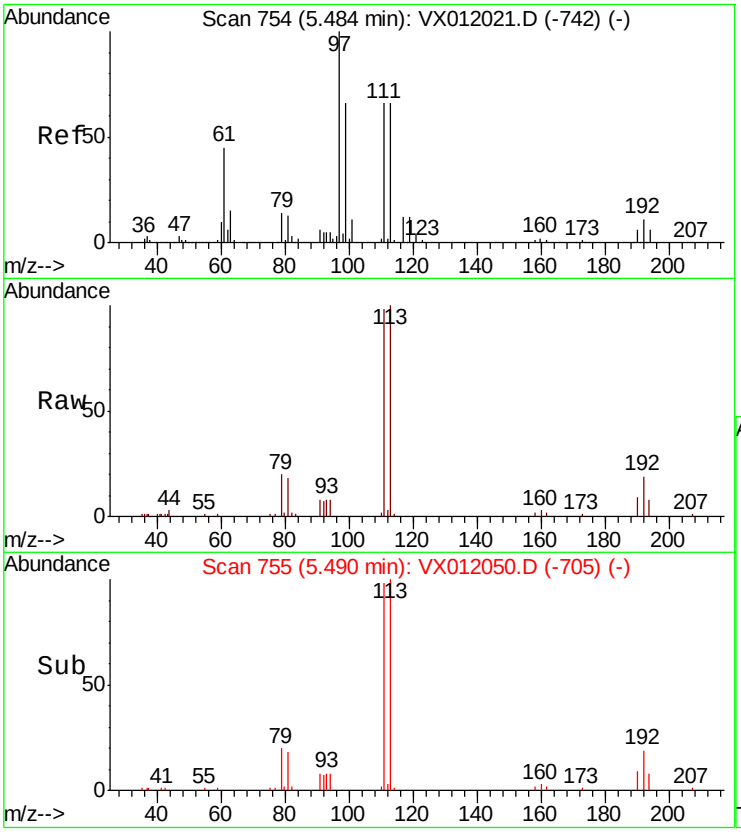


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion:114 Resp: 90129

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.4
88	16.4	0.0	29.6



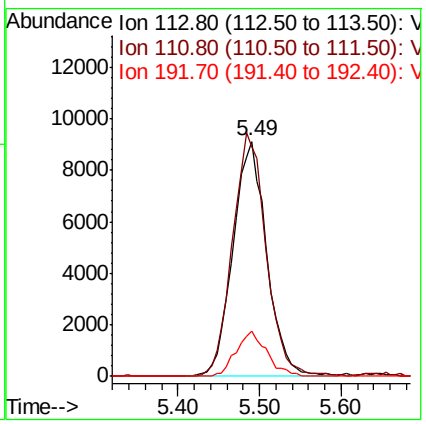


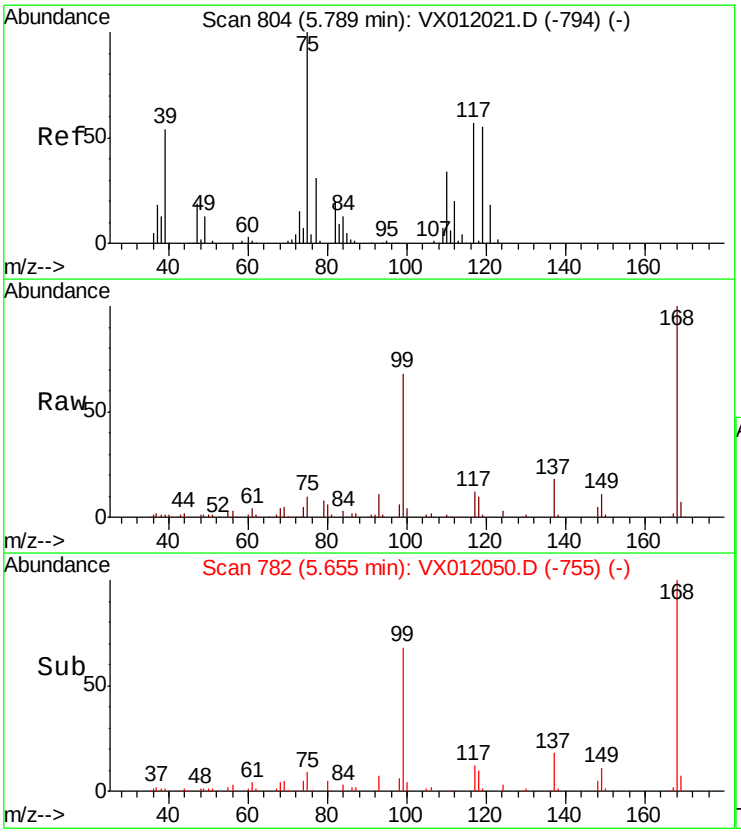
#35
Dibromofluoromethane
Concen: 47.017 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion:113 Resp: 26060

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.7	122.5
192	17.4	22.5	33.7#

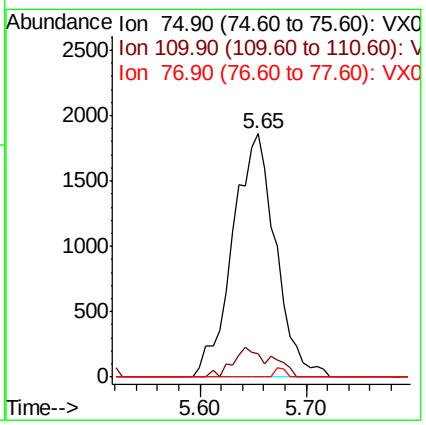


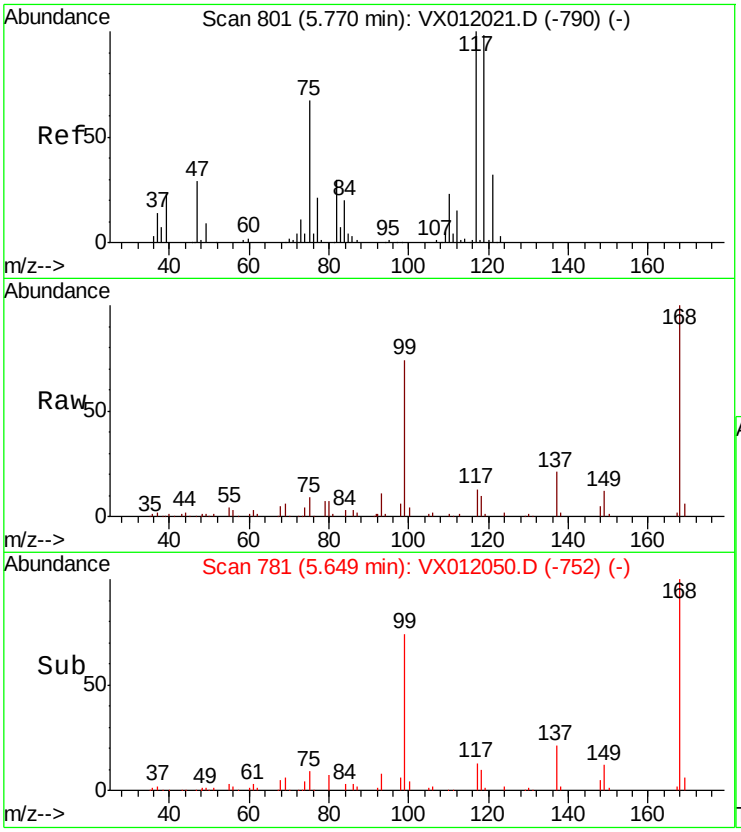


#36
1,1-Dichloropropene
Concen: 6.629 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 75 Resp: 5262

Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.5	58.5#
77	0.0	24.6	37.0#



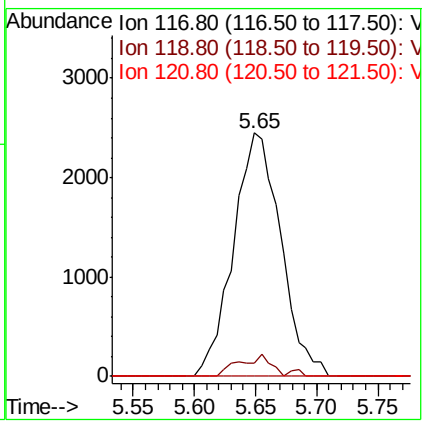


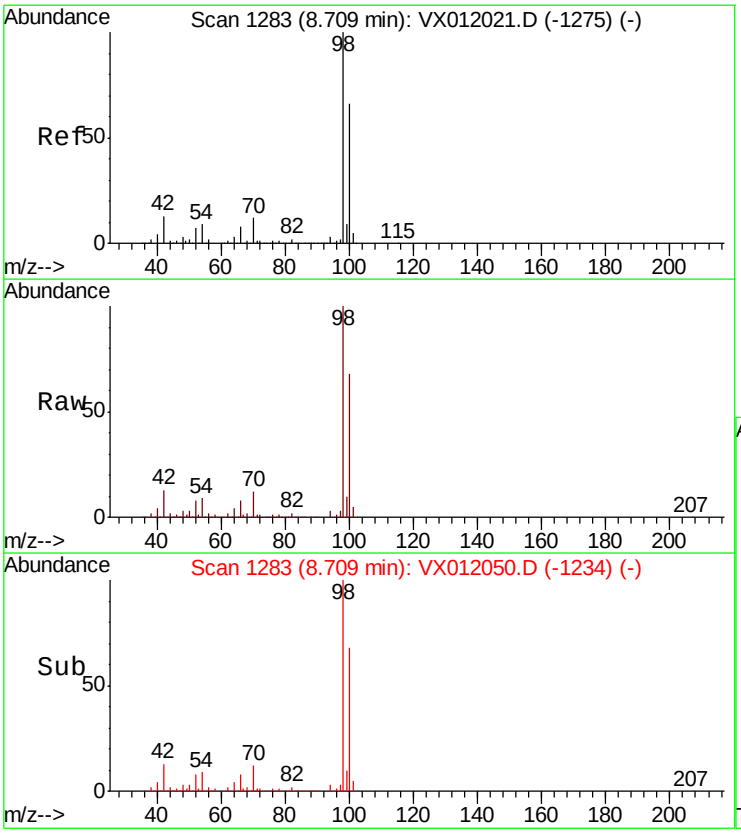
#38
Carbon Tetrachloride
Concen: 7.886 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion:117 Resp: 6596

Ion	Ratio	Lower	Upper
117	100		
119	5.4	78.3	117.5#
121	0.0	24.2	36.2#

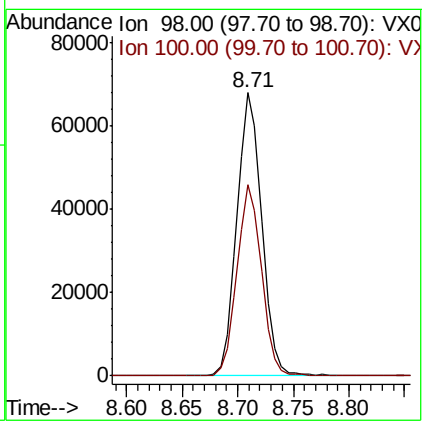


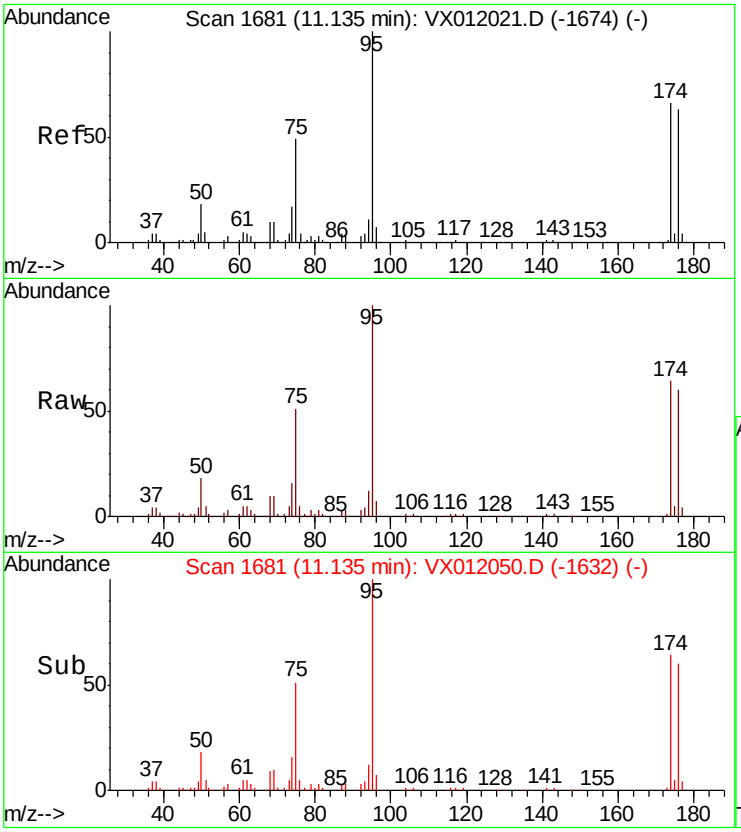


#50
Toluene-d8
Concen: 51.796 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 98 Resp: 105349

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9



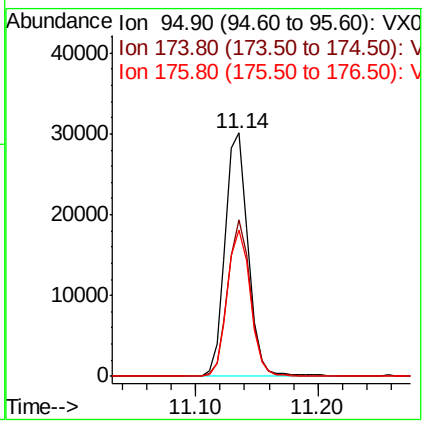


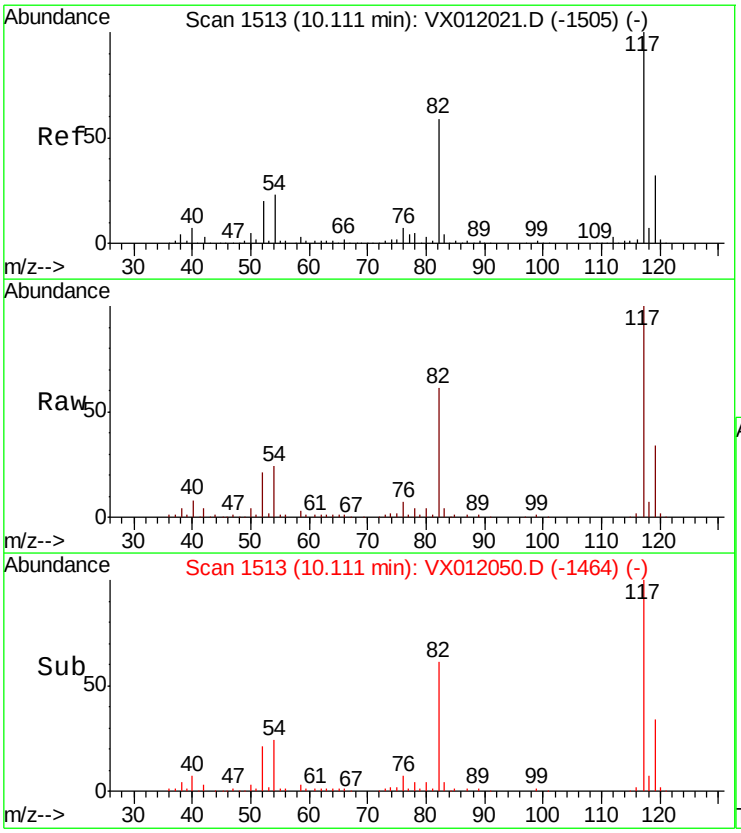
#62
4-Bromofluorobenzene
Concen: 41.267 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion: 95 Resp: 39034

Ion	Ratio	Lower	Upper
95	100		
174	63.6	0.0	205.4
176	60.3	0.0	201.8

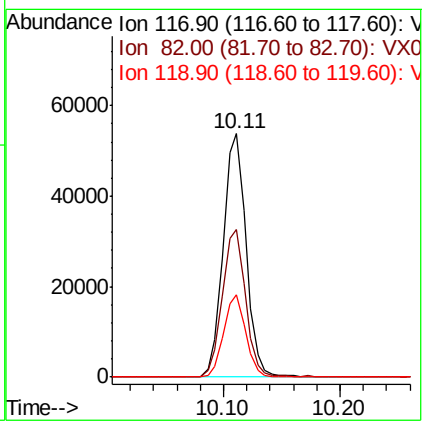


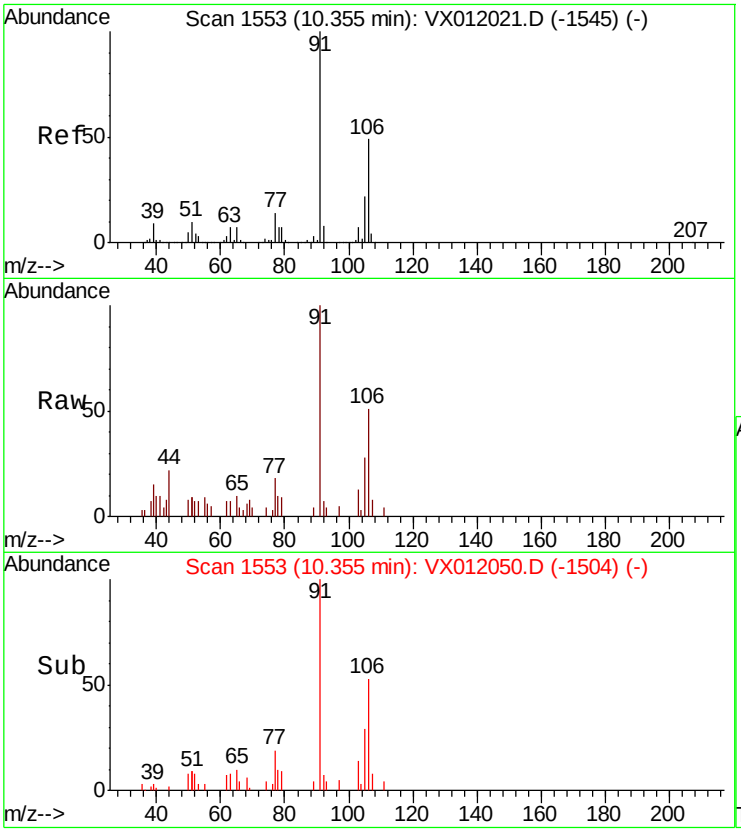


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion:117 Resp: 73389

Ion	Ratio	Lower	Upper
117	100		
82	60.7	39.4	59.0#
119	33.6	26.1	39.1



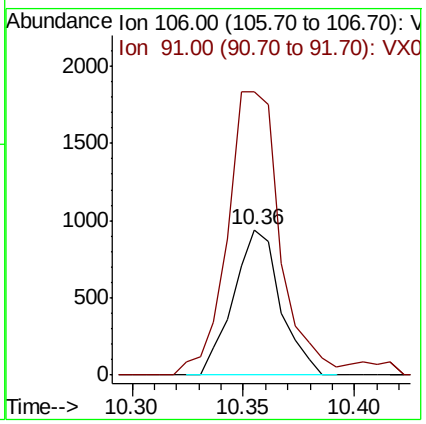


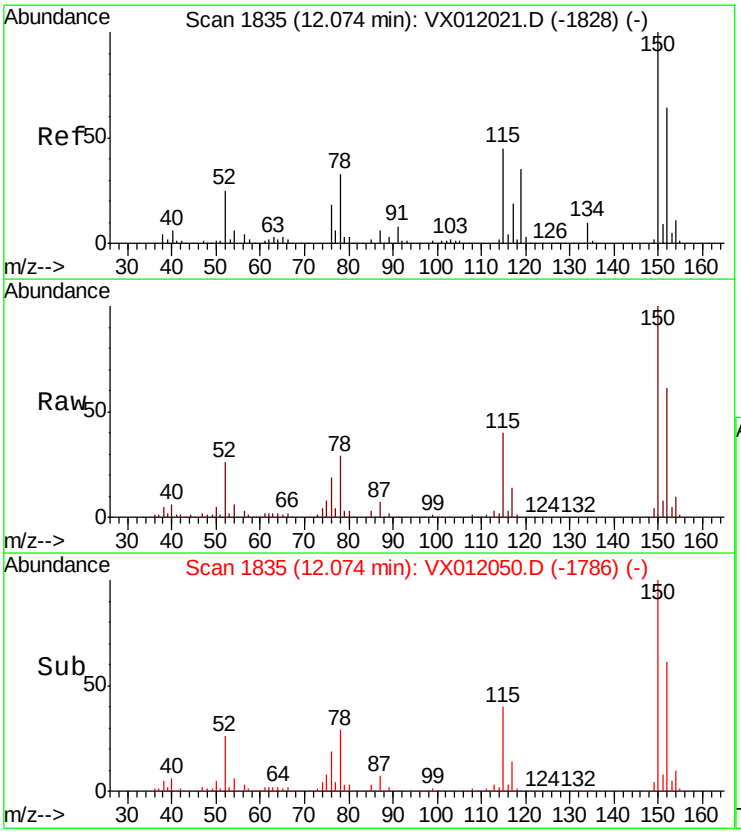
#68
m/p-Xylenes
Concen: 1.419 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion:106 Resp: 1380

Ion	Ratio	Lower	Upper
106	100		
91	220.7	157.5	236.3

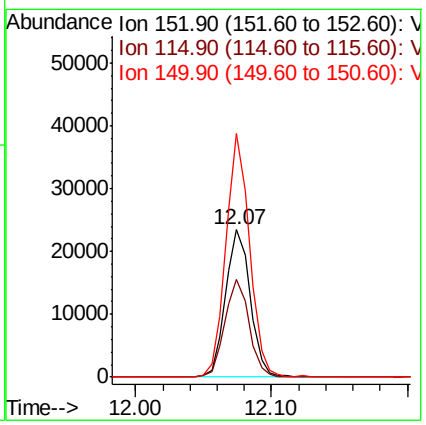


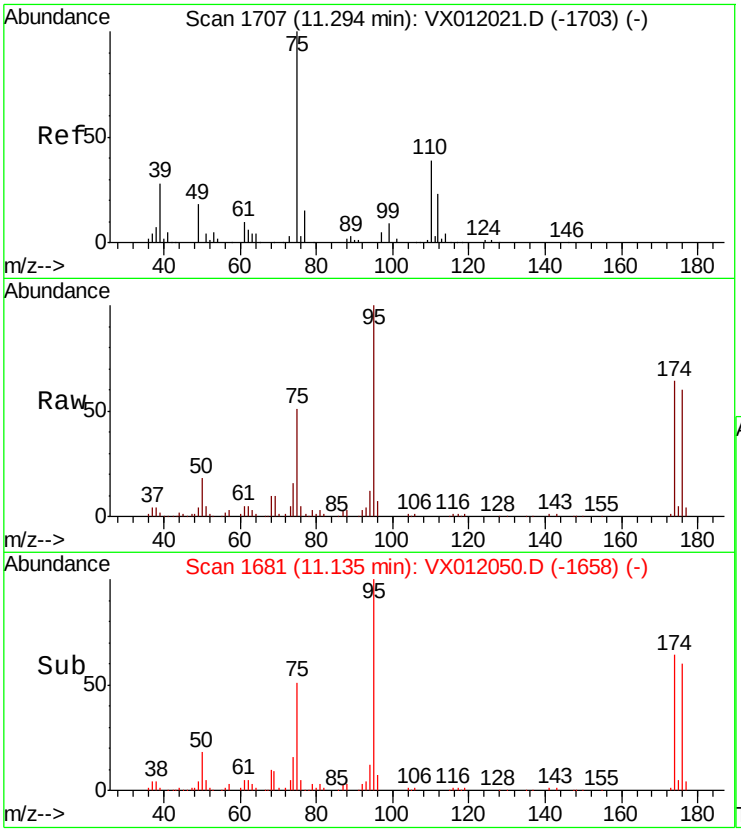


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion:152 Resp: 29610

Ion	Ratio	Lower	Upper
152	100		
115	65.4	36.4	109.3
150	158.4	0.0	341.2



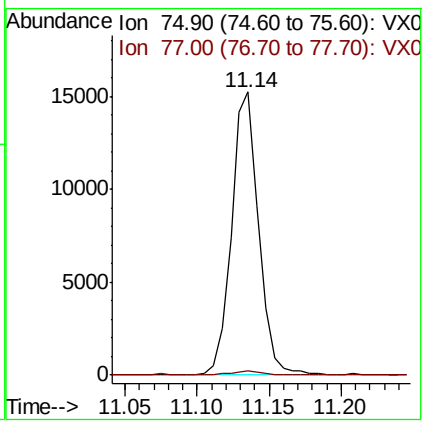


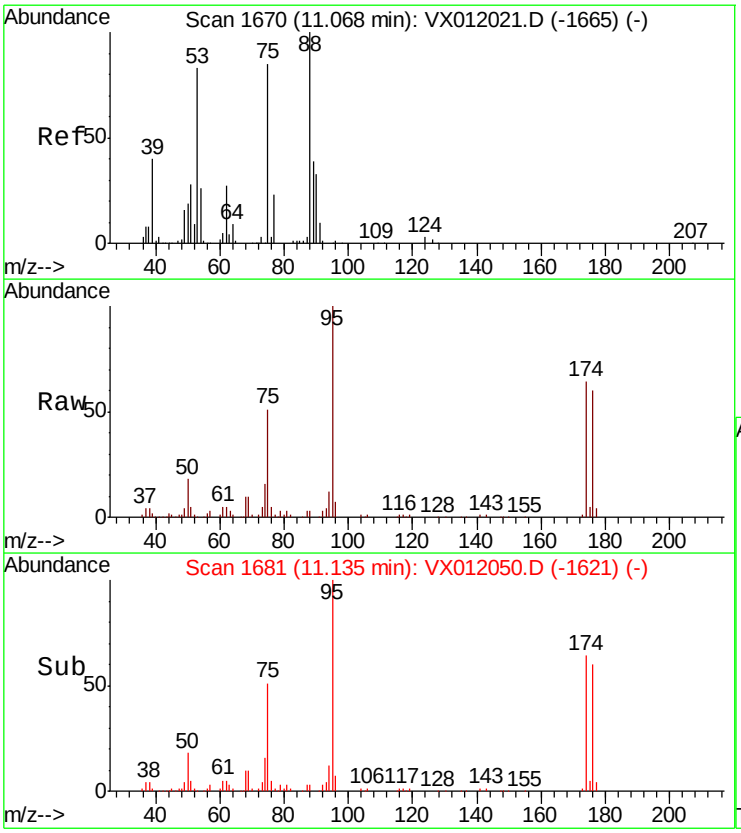
#76
1,2,3-Trichloropropane
Concen: 55.159 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Instrument :
MSVOA_X
ClientSampleId :
T3-S-B1-(2.5)

Tgt Ion: 75 Resp: 19956

Ion	Ratio	Lower	Upper
75	100		
77	1.5	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.405 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012050.D
Acq: 04 Sep 2019 14:24

Tgt Ion: 75 Resp: 19956

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.6	117.8#
89	0.0	38.8	58.2#