Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011939.D
Acq On : 31 Aug 2019 07:00
Operator : SY/SP
Sample : K4493-14
Misc : 6.81g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 31 10:59:41 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	438597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	500926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	240720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	185660	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.36%			
35) Dibromofluoromethane	5.48	113	169022	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.36%			
50) Toluene-d8	8.71	98	661245	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.88%			
62) 4-Bromofluorobenzene	11.13	95	229415	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.20%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	2005	1.146	ug/l	83
10) Methyl Iodide	2.50	142	327	3.760	ug/l #	83
11) Tert butyl alcohol	3.02	59	3735	9.239	ug/l #	90
13) Acrolein	2.28	56	356	1.769	ug/l #	13
16) Acetone	2.43	43	26527	29.340	ug/l	98
20) Methylene Chloride	2.84	84	18575	Below Cal		93
29) Tetrahydrofuran	5.12	42	5063	6.160	ug/l #	84
31) Cyclohexane	5.65	56	7321	1.395	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	26561	5.746	ug/l #	50
38) Carbon Tetrachloride	5.65	117	37606	7.015	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	115514	48.782	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	115514	122.549	ug/l #	11

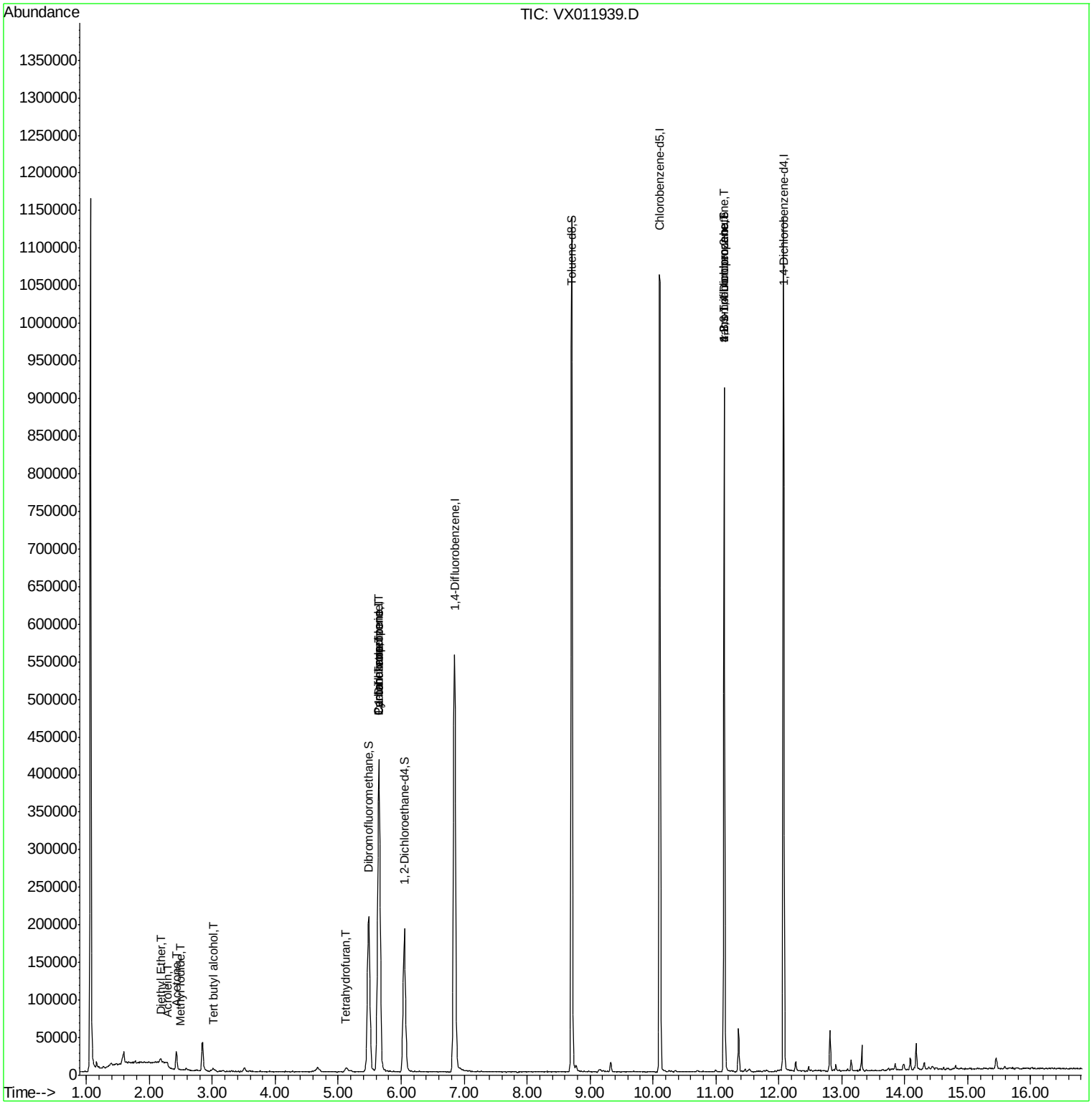
(#) = qualifier out of range (m) = manual integration (+) = signals summed

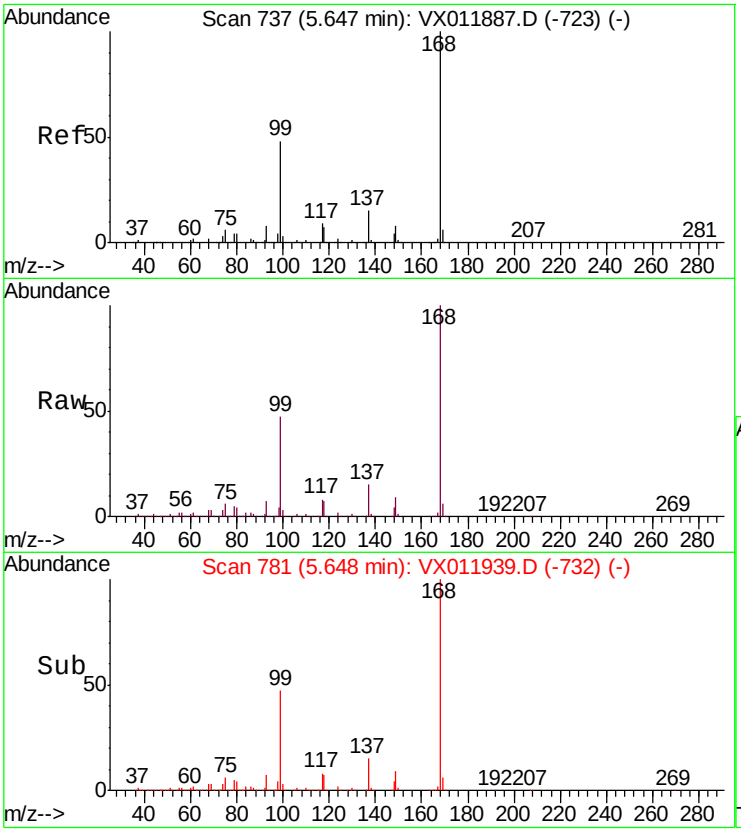
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011939.D
Acq On : 31 Aug 2019 07:00
Operator : SY/SP
Sample : K4493-14
Misc : 6.81g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 31 10:59:41 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



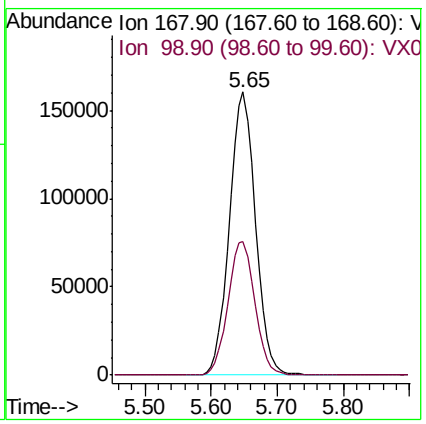


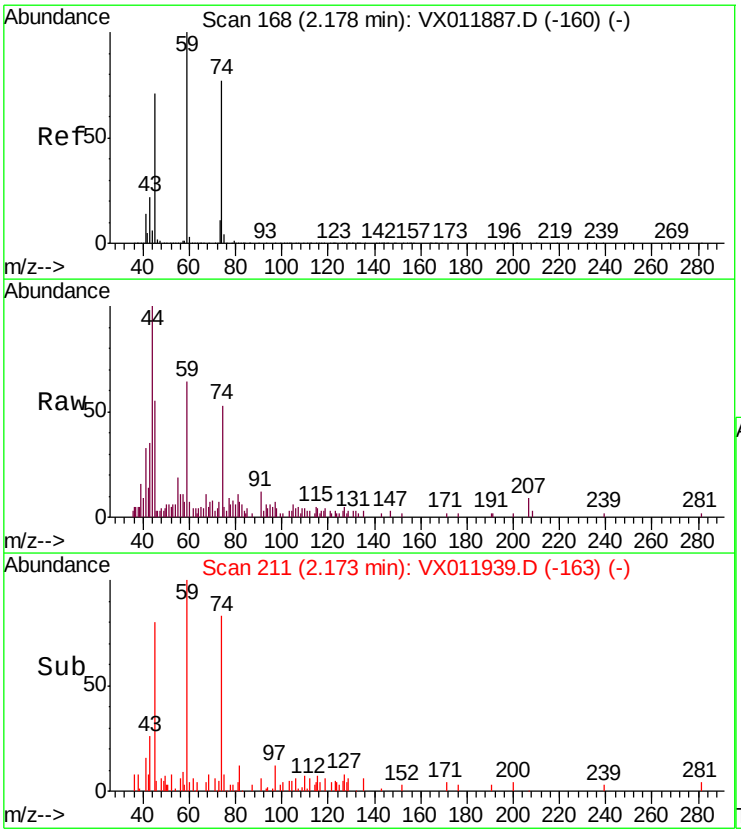
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 438597

Ion	Ratio	Lower	Upper
168	100		
99	47.0	38.4	57.6

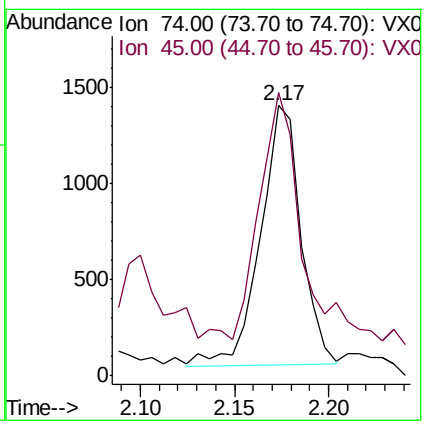


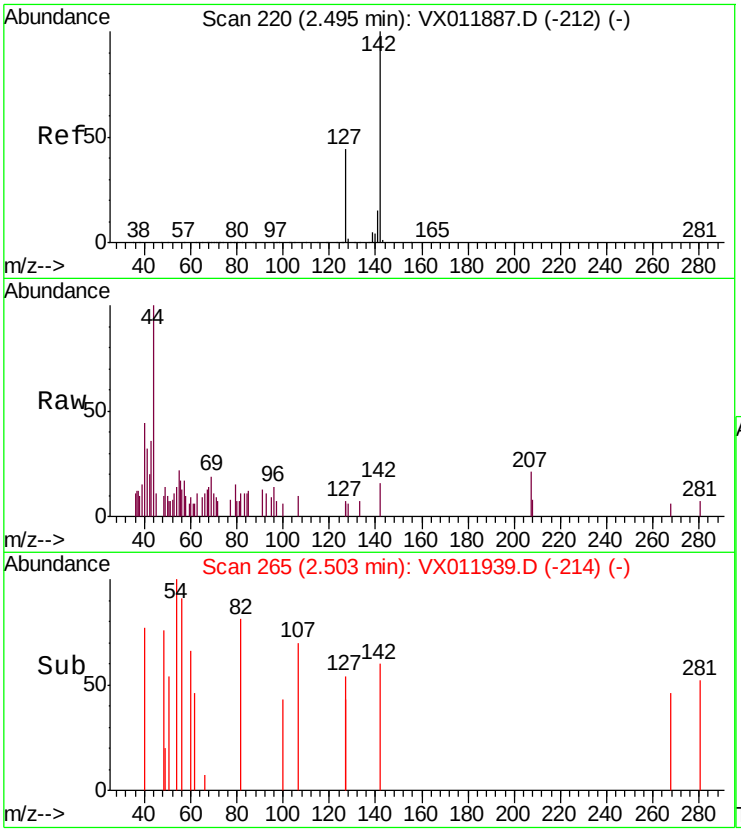


#8
Diethyl Ether
Concen: 1.146 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 74 Resp: 2005

Ion	Ratio	Lower	Upper
74	100		
45	109.7	46.7	140.1



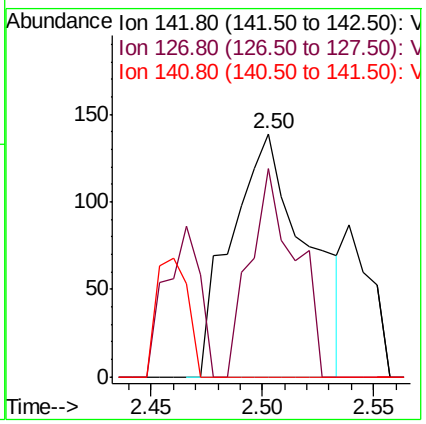


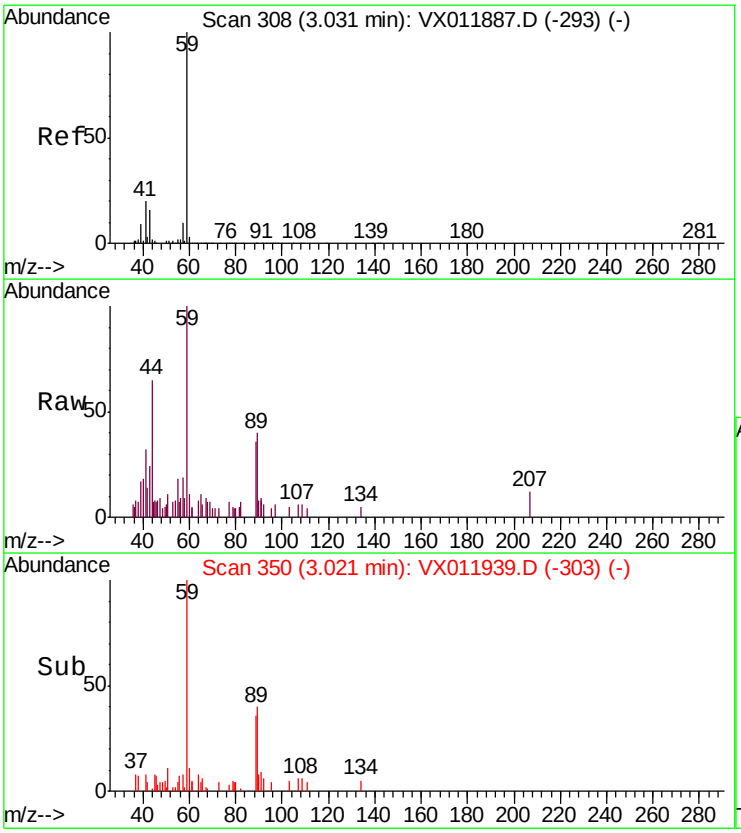
#10
Methyl Iodide
Concen: 3.760 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 327

Ion	Ratio	Lower	Upper
142	100		
127	51.7	35.7	53.5
141	0.0	11.8	17.6#

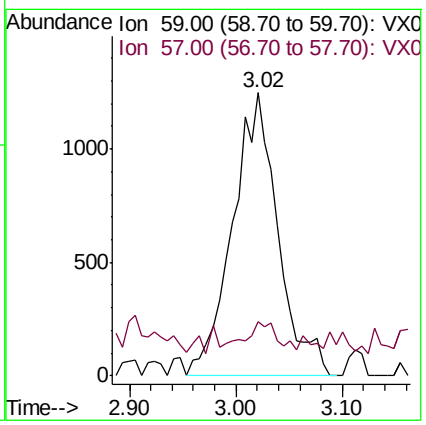


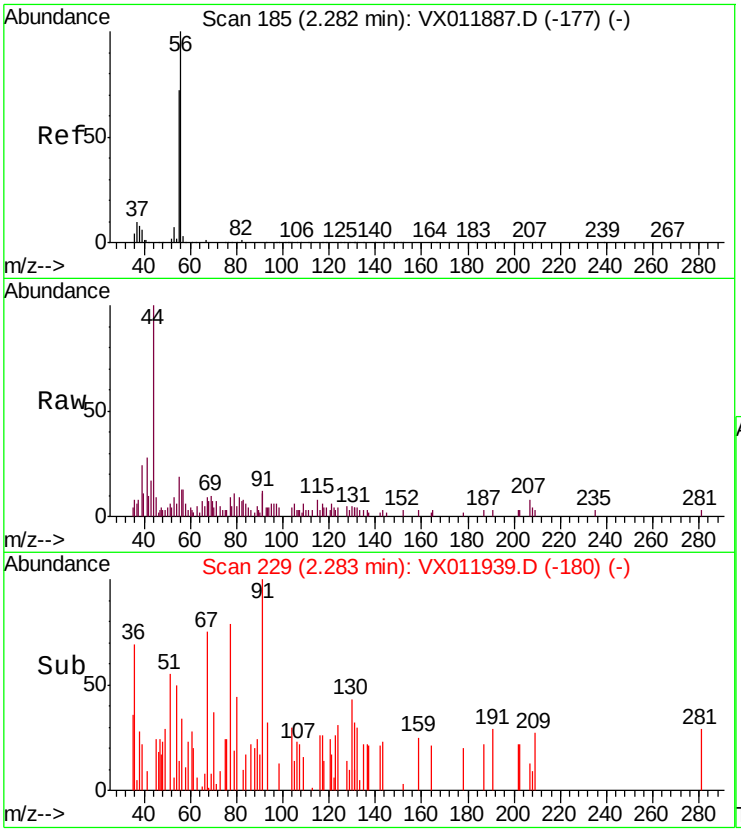


#11
Tert butyl alcohol
Concen: 9.239 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 59 Resp: 3735

Ion	Ratio	Lower	Upper
59	100		
57	7.1	8.6	12.8#



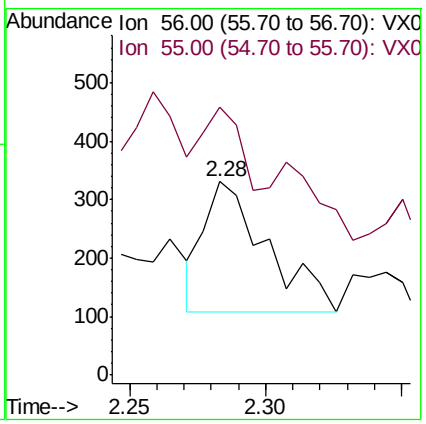


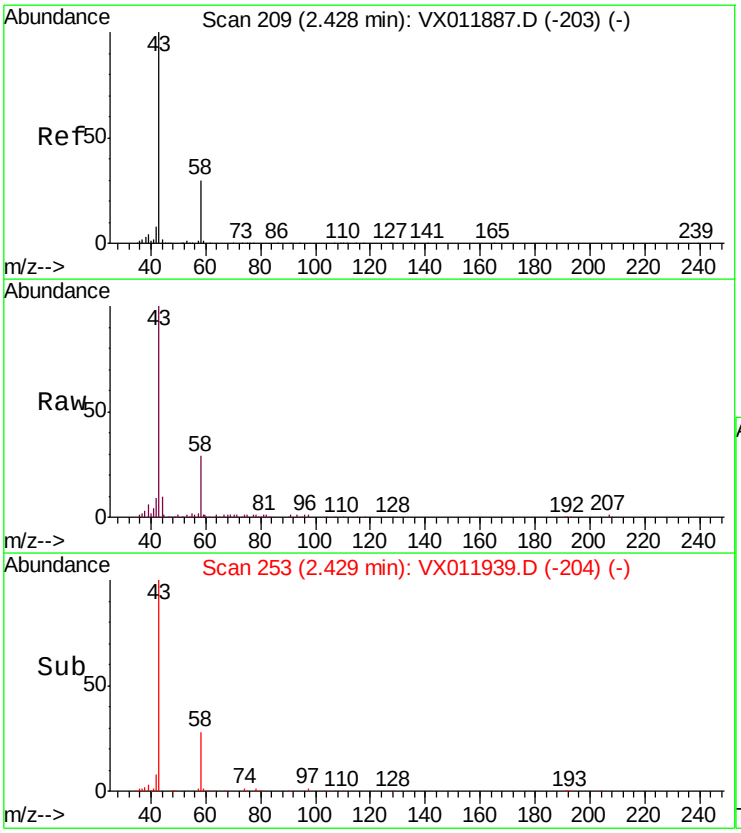
#13
Acrolein
Concen: 1.769 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 356

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.6	88.0#

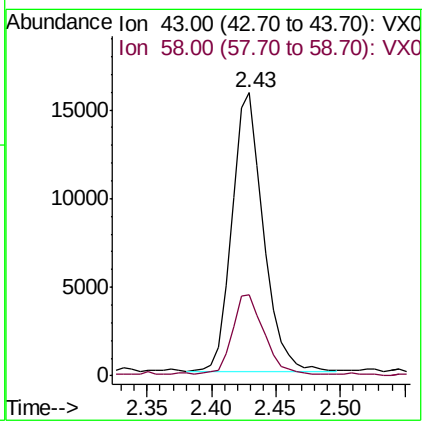


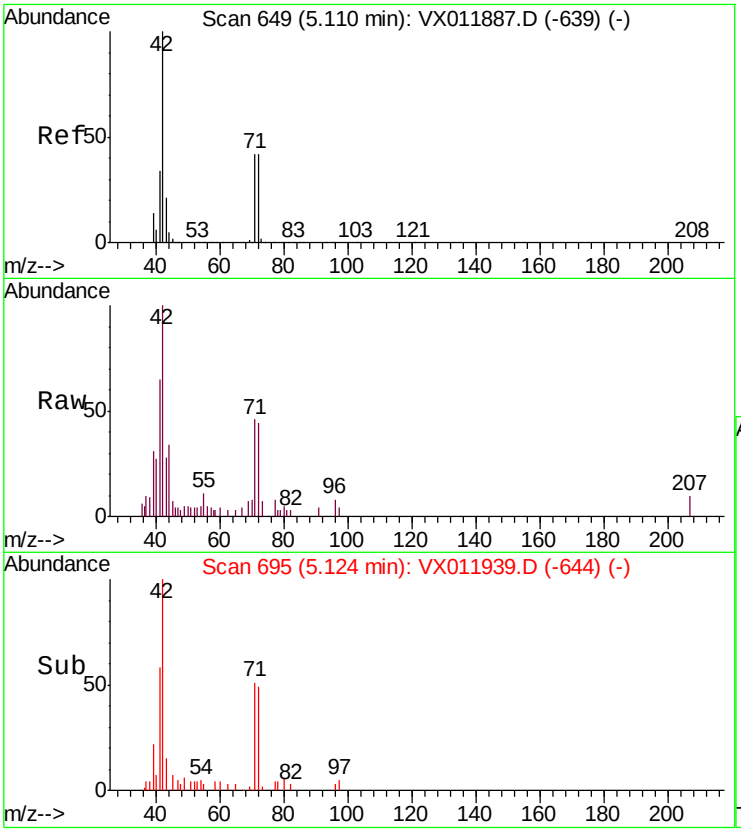


#16
Acetone
Concen: 29.340 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 43 Resp: 26527

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.8	35.8



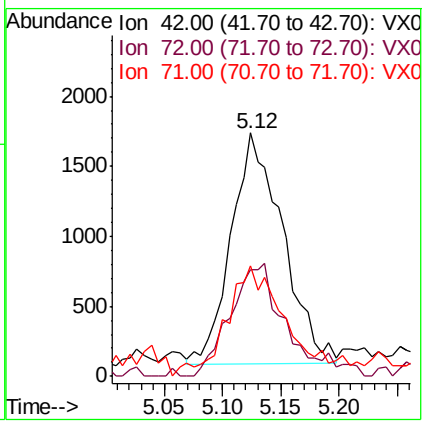


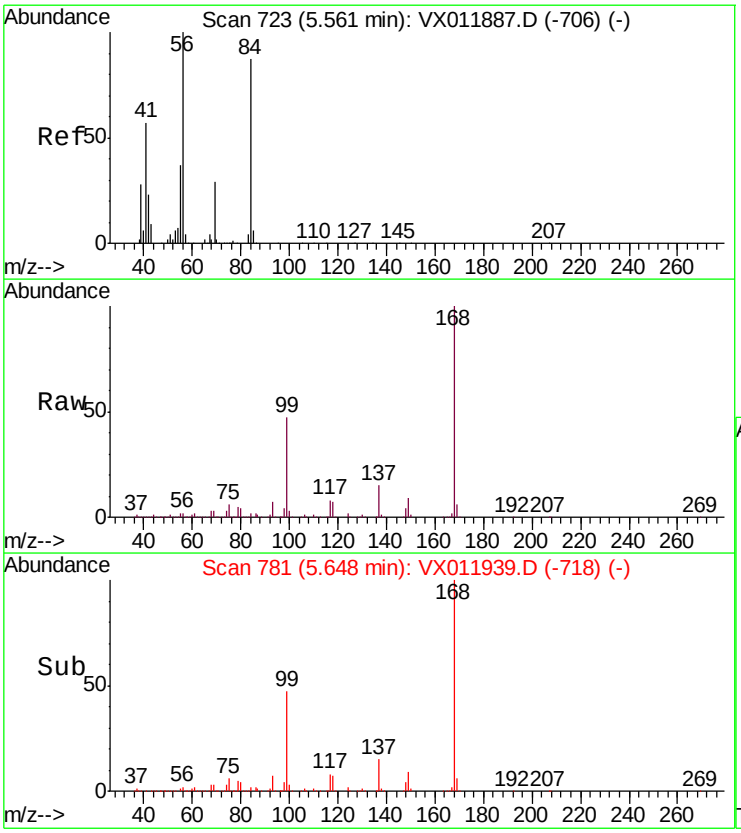
#29
Tetrahydrofuran
Concen: 6.160 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 5063

Ion	Ratio	Lower	Upper
42	100		
72	53.2	36.2	54.4
71	54.2	33.1	49.7#

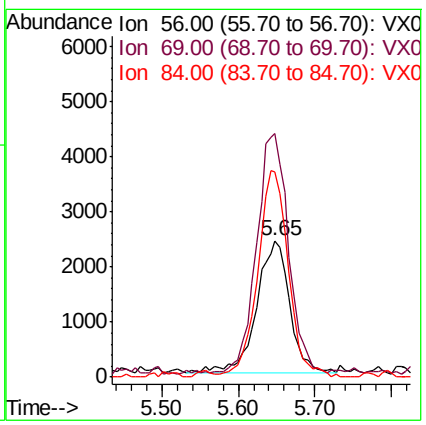


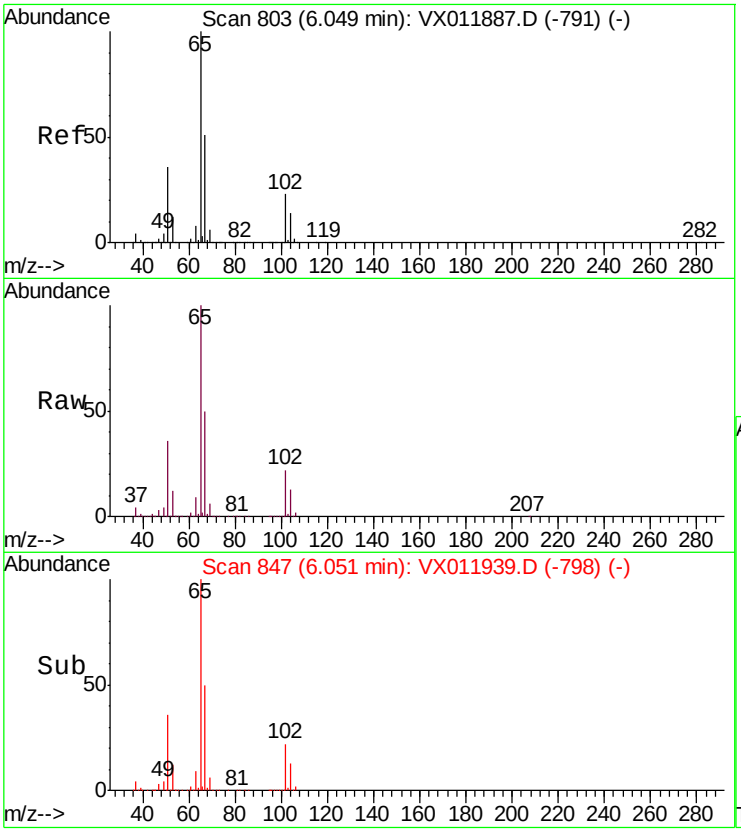


#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 56 Resp: 7321

Ion	Ratio	Lower	Upper
56	100		
69	179.3	23.1	34.7#
84	155.4	69.6	104.4#



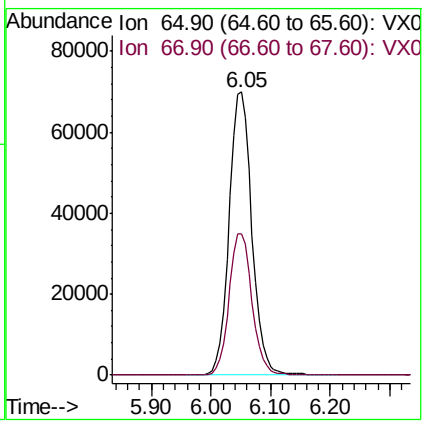


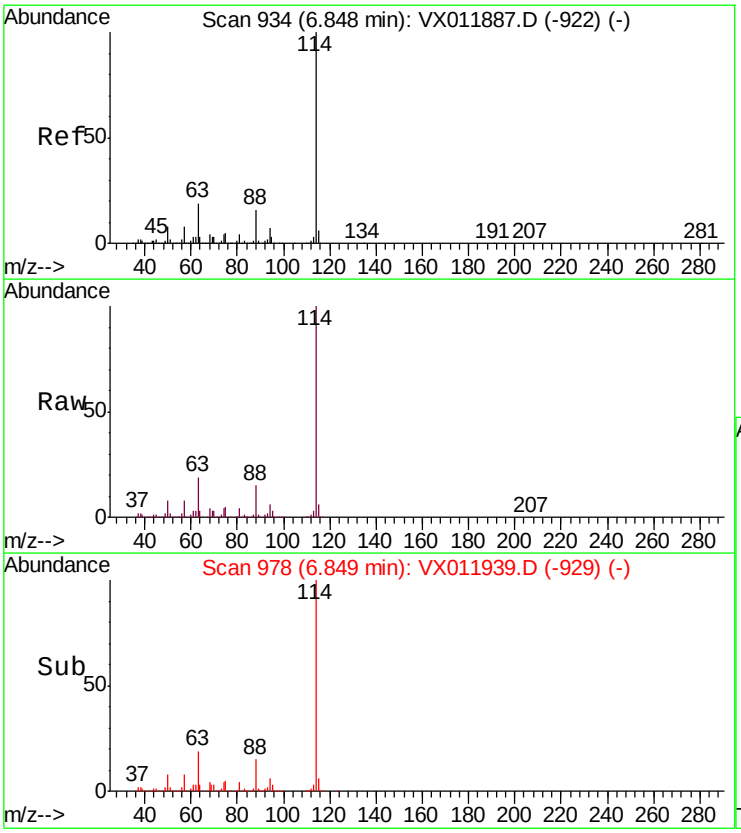
#33
1,2-Dichloroethane-d4
Concen: 44.182 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 185660

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.2

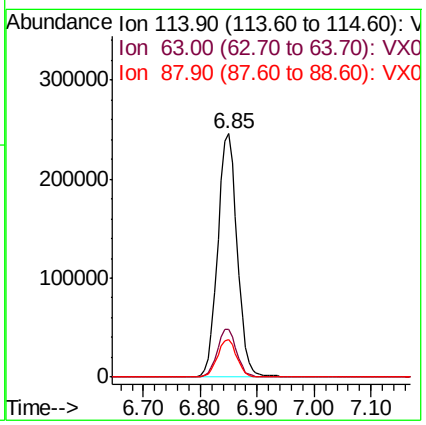


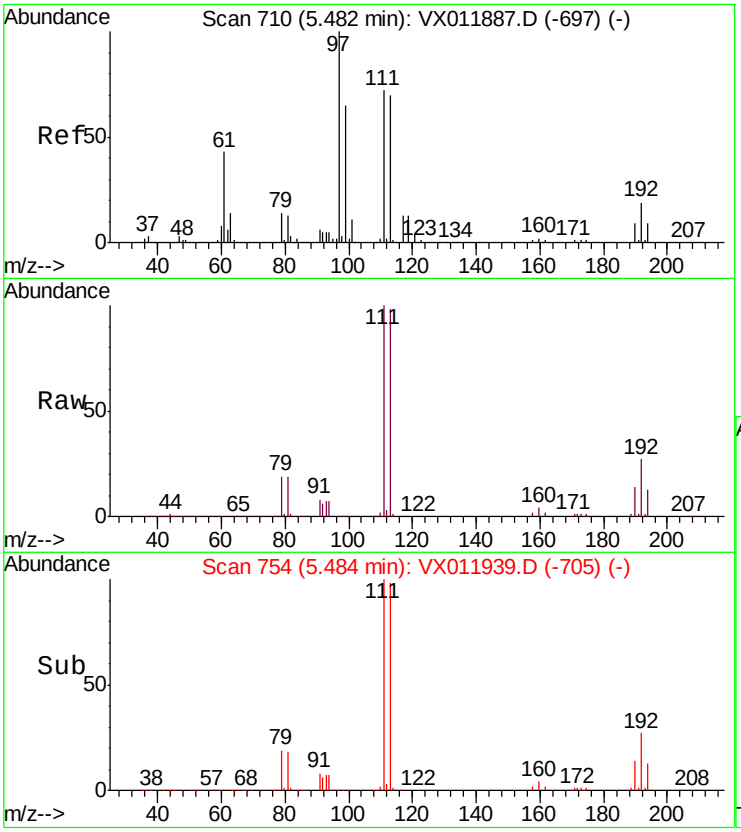


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion:114 Resp: 583443

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	15.4	0.0	31.2



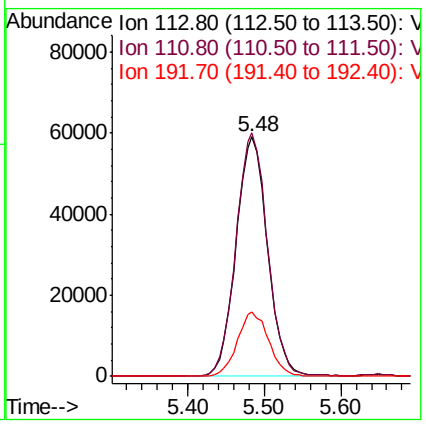


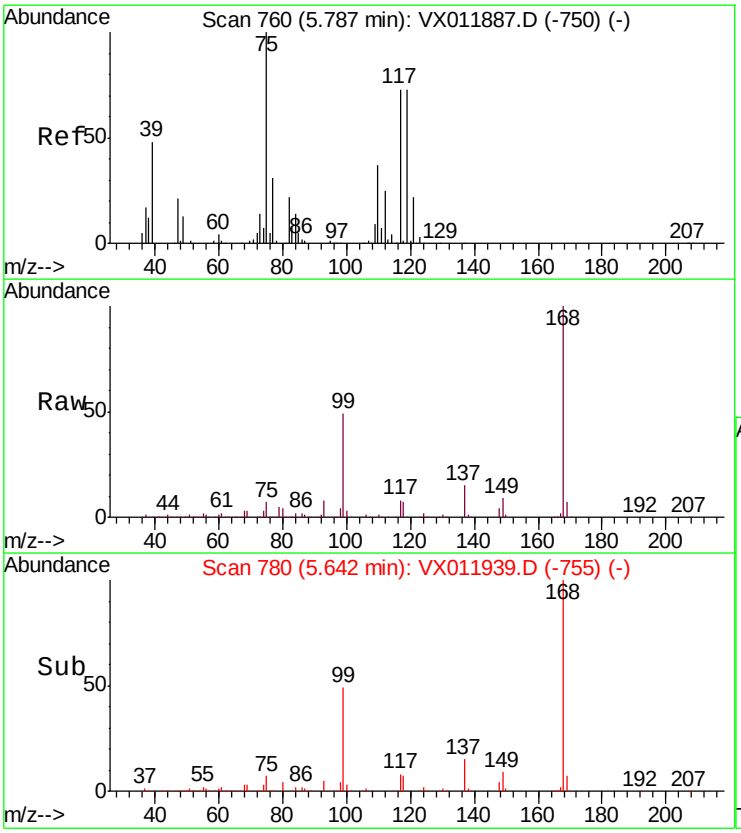
#35
Dibromofluoromethane
Concen: 45.178 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 169022

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	26.7	21.5	32.3

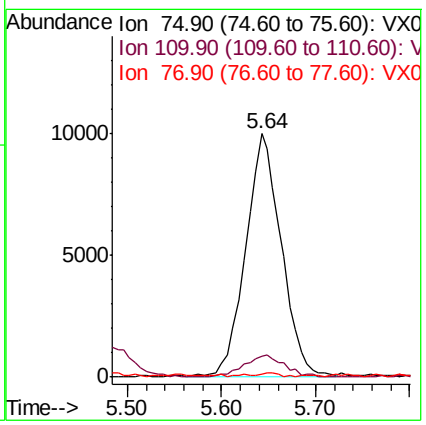


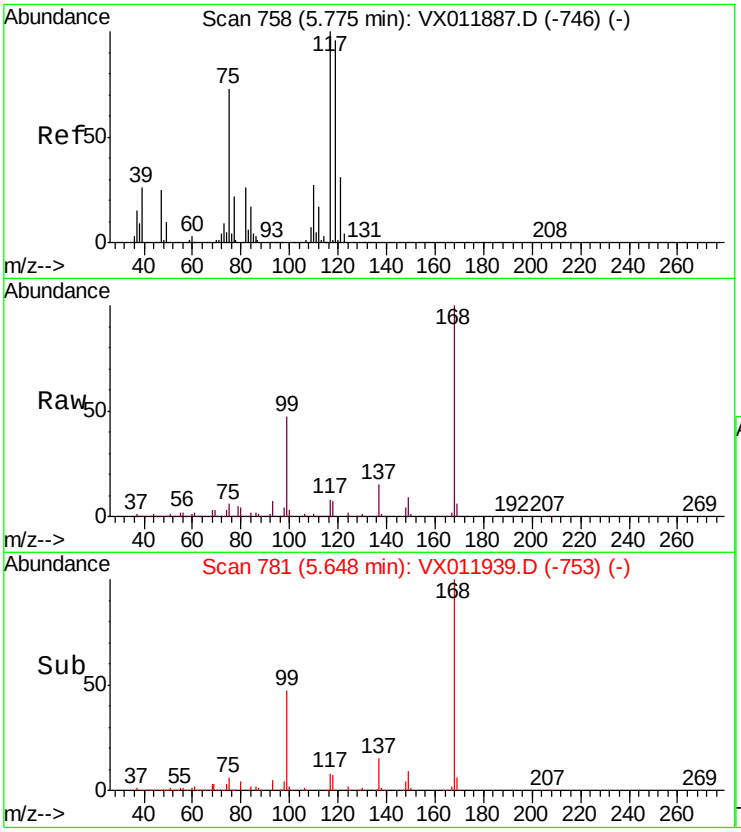


#36
1,1-Dichloropropene
Concen: 5.746 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 75 Resp: 26561

Ion	Ratio	Lower	Upper
75	100		
110	10.3	19.1	57.3#
77	0.8	24.4	36.6#



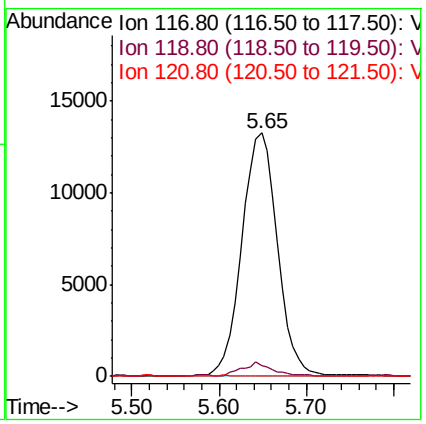


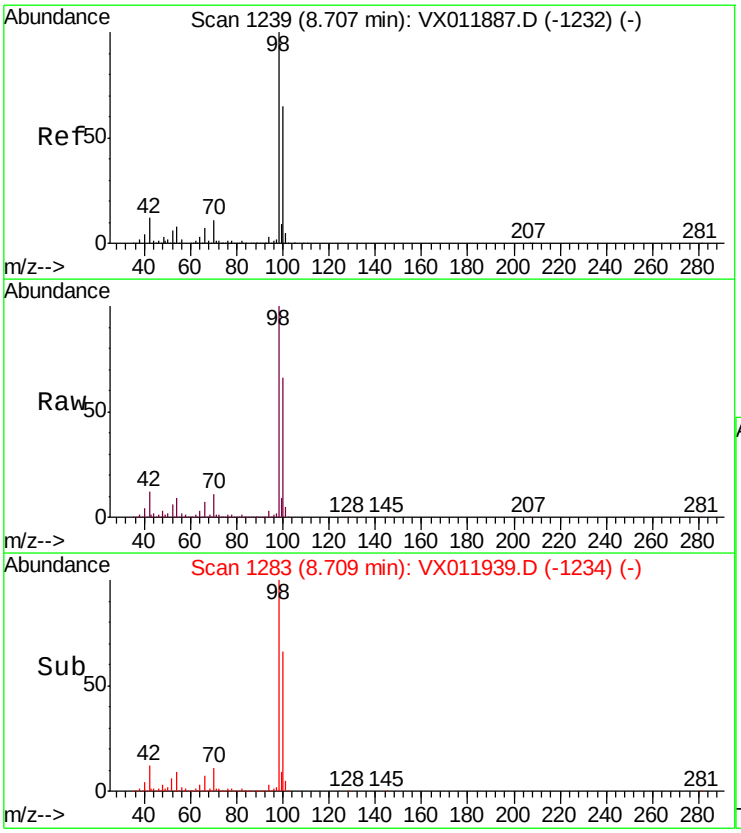
#38
Carbon Tetrachloride
Concen: 7.015 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 37606

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.6	114.8#
121	0.0	24.7	37.1#

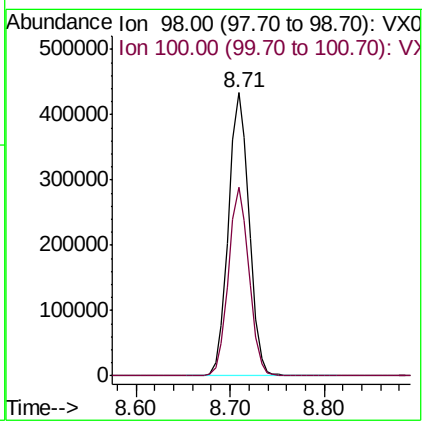


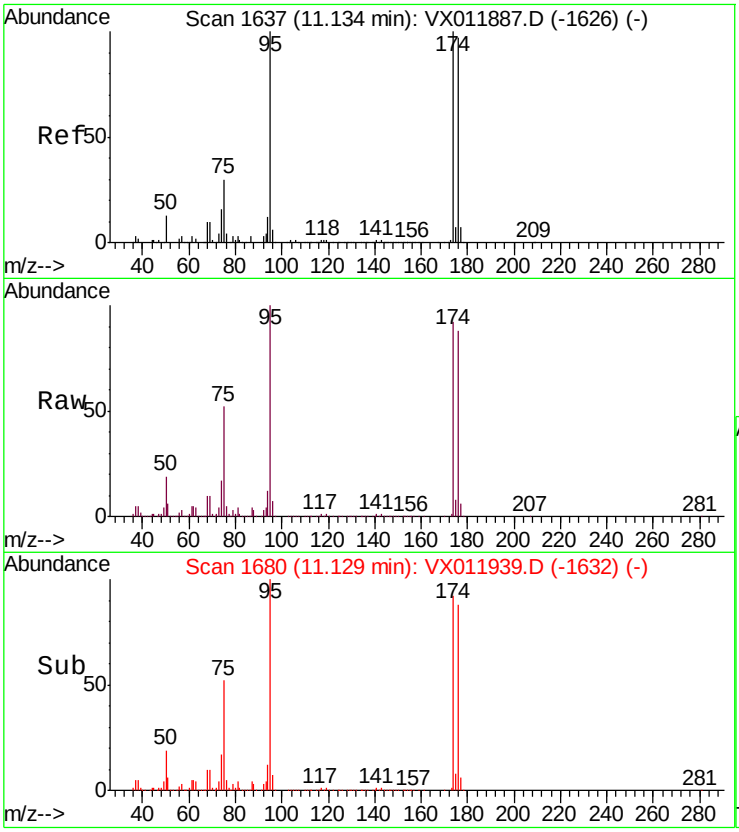


#50
Toluene-d8
Concen: 49.443 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 98 Resp: 661245

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6



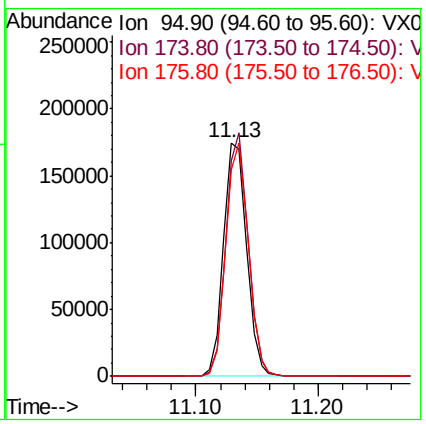


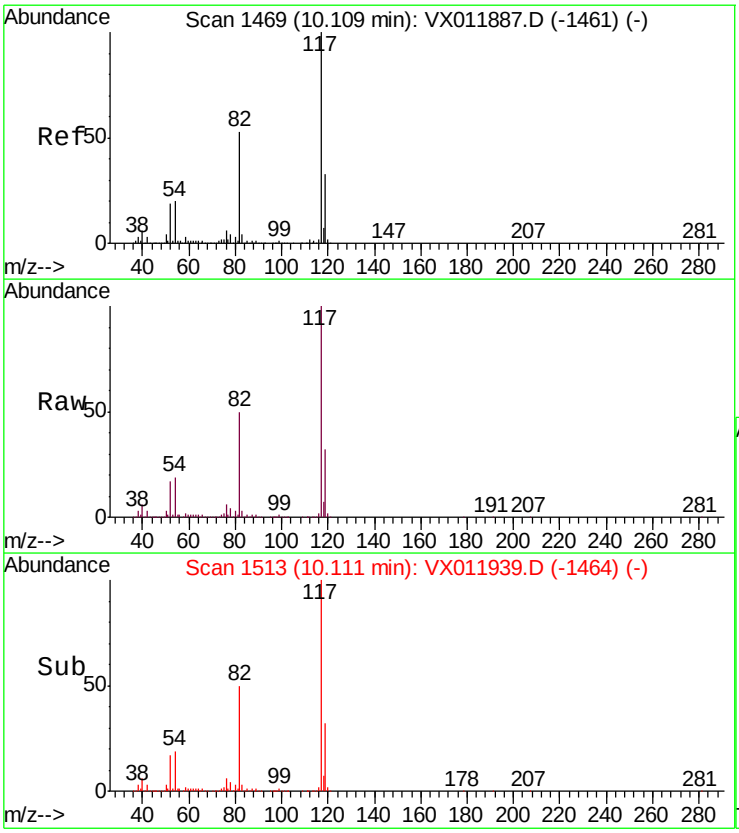
#62
4-Bromofluorobenzene
Concen: 39.105 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 229415

Ion	Ratio	Lower	Upper
95	100		
174	99.4	0.0	196.0
176	97.2	0.0	191.4

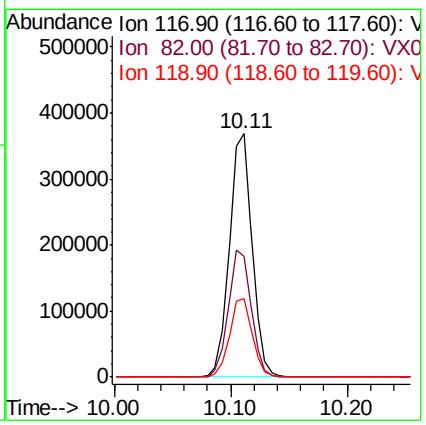


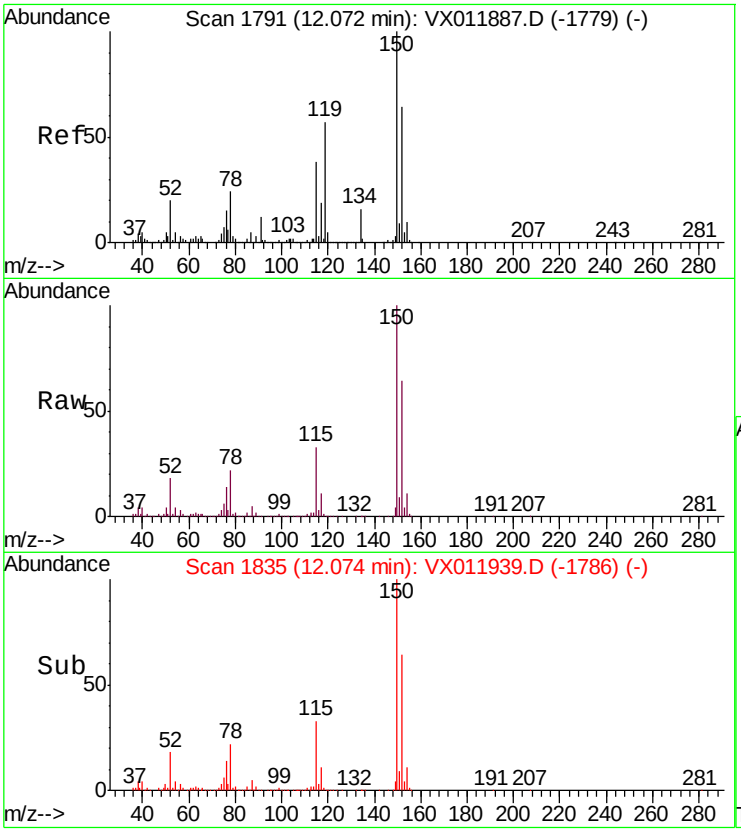


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion:117 Resp: 500926

Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.0	63.0
119	32.3	26.2	39.4



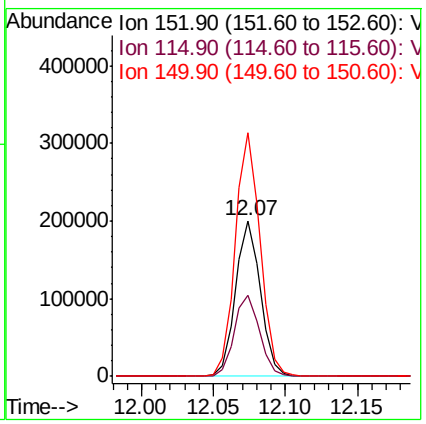


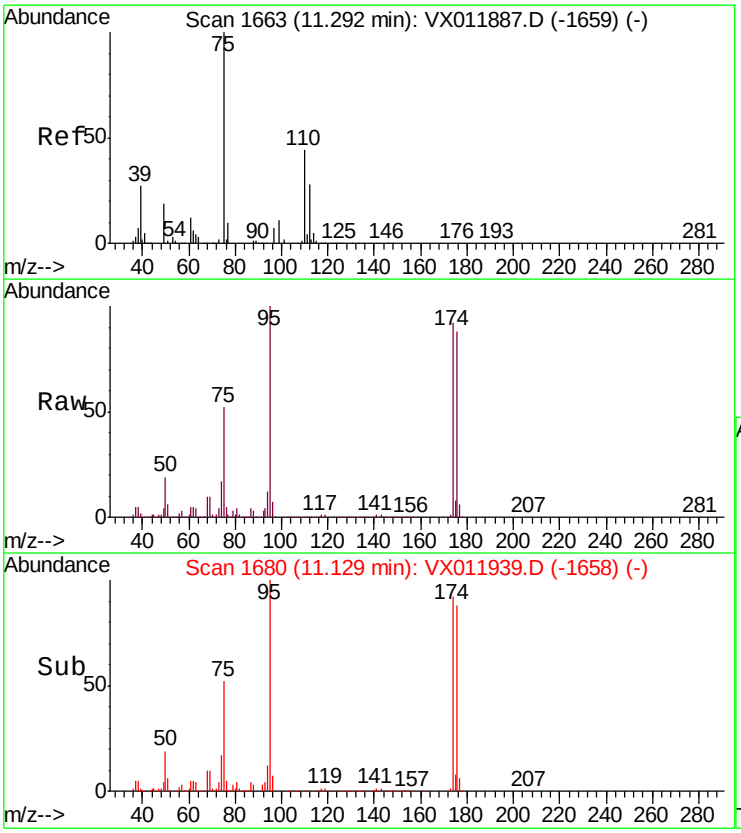
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 240720

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.1	111.3
150	156.5	0.0	339.6

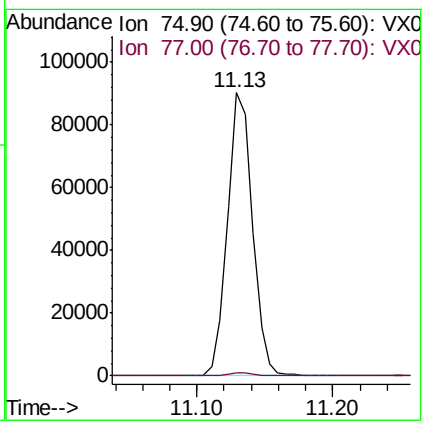


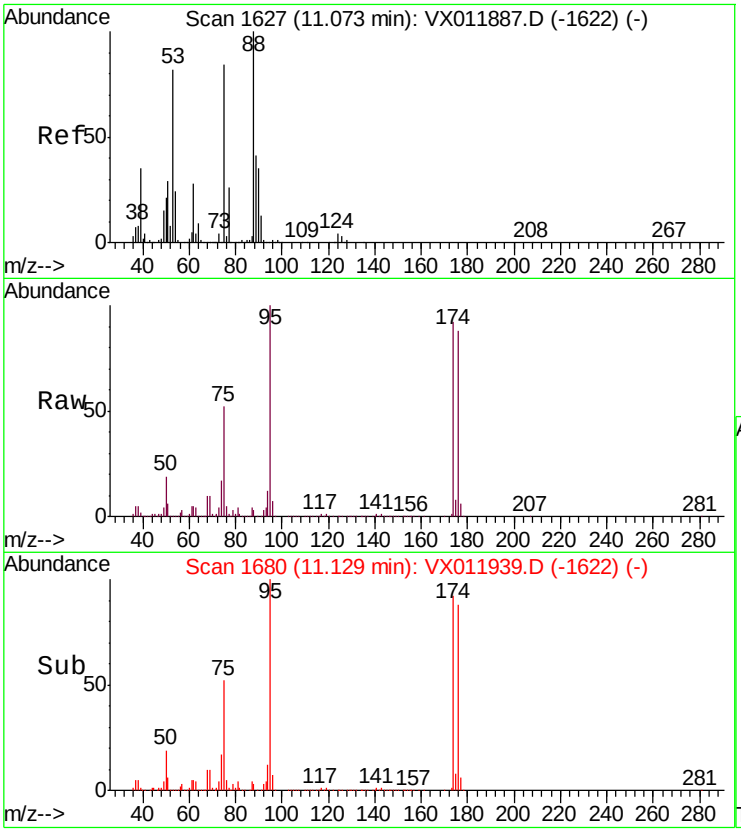


#76
1,2,3-Trichloropropane
Concen: 48.782 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Tgt Ion: 75 Resp: 115514

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.549 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011939.D
Acq: 31 Aug 2019 07:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 115514

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