Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

Quantitation Report (Not Reviewed)

Data File : VX013951.D
Acq On : 11 Dec 2019 18:18
Operator : JC/SP
Sample : K6249-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Quant Time: Dec 12 04:03:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	587655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	882989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	787703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	321382	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.22%			
35) Dibromofluoromethane	5.49	113	266998	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	8.71	98	1057770	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%			
62) 4-Bromofluorobenzene	11.14	95	348612	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.92%			
Target Compounds						Qvalue
6) Chloroethane	1.62	64	4630	0.985	ug/l #	45
8) Diethyl Ether	2.22	74	866	0.209	ug/l	71
10) Methyl Iodide	2.50	142	1395	0.206	ug/l #	88
11) Tert butyl alcohol	3.03	59	15067	8.949	ug/l #	90
13) Acrolein	2.29	56	381	6.334	ug/l #	1
14) Allyl chloride	2.70	41	2500	0.246	ug/l #	77
16) Acetone	2.43	43	100661	29.889	ug/l	98
20) Methylene Chloride	2.84	84	4473	0.691	ug/l	84
25) 2-Butanone	4.67	43	37826	7.557	ug/l	94
29) Tetrahydrofuran	4.94	42	621	0.201	ug/l	97
36) 1,1-Dichloropropene	5.65	75	38523	4.806	ug/l #	48
37) Ethyl Acetate	4.67	43	38671	4.301	ug/l #	69
38) Carbon Tetrachloride	5.65	117	51877	7.019	ug/l #	16
44) Trichloroethene	7.22	130	4755	0.710	ug/l	90
49) 1,4-Dioxane	7.75	88	581	3.609	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	12051	1.294	ug/l #	82
64) Tetrachloroethene	9.33	164	1278	0.218	ug/l #	60
76) 1,2,3-Trichloropropane	11.13	75	169203	22.267	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	169203	60.918	ug/l #	11
94) Hexachlorobutadiene	13.78	225	834	0.226	ug/l	64
96) 1,2,3-Trichlorobenzene	14.01	180	1621	0.213	ug/l	75

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

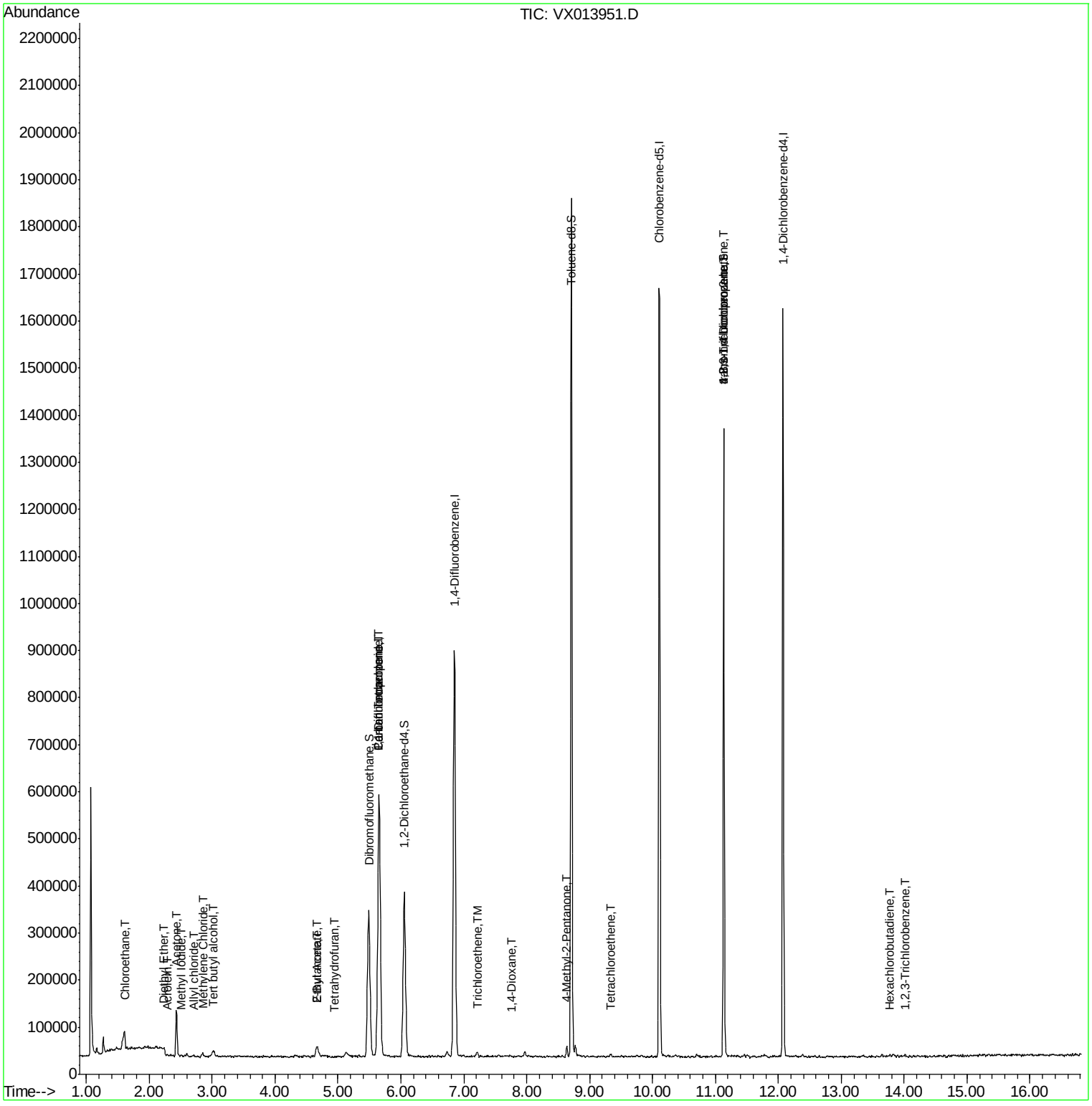
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

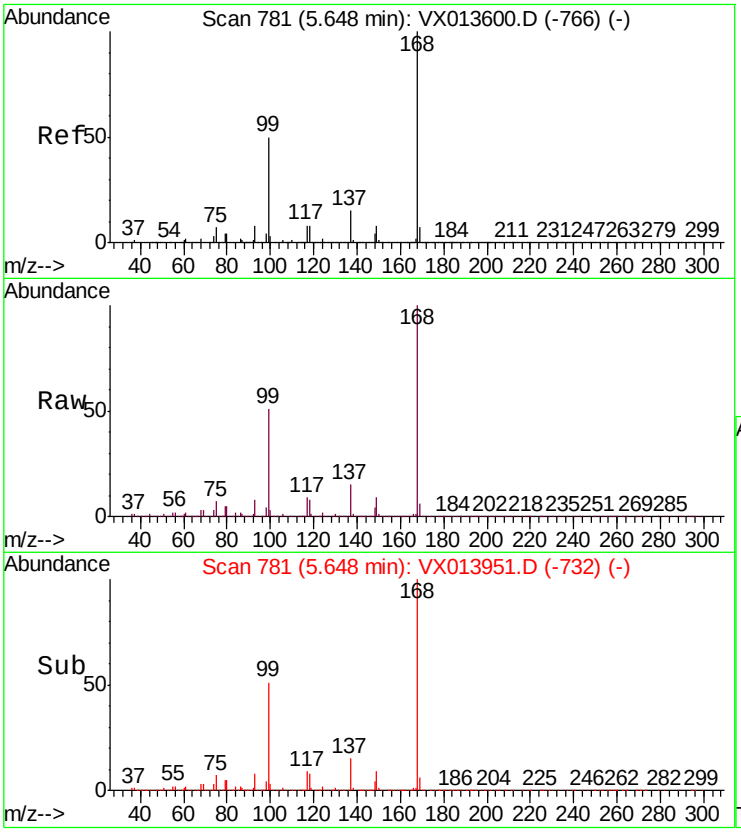
Quantitation Report (Not Reviewed)

Data File : VX013951.D
Acq On : 11 Dec 2019 18:18
Operator : JC/SP
Sample : K6249-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Quant Time: Dec 12 04:03:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



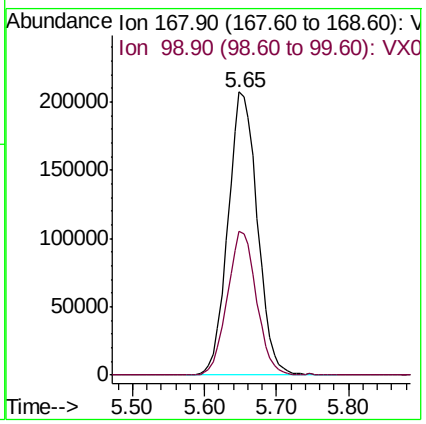


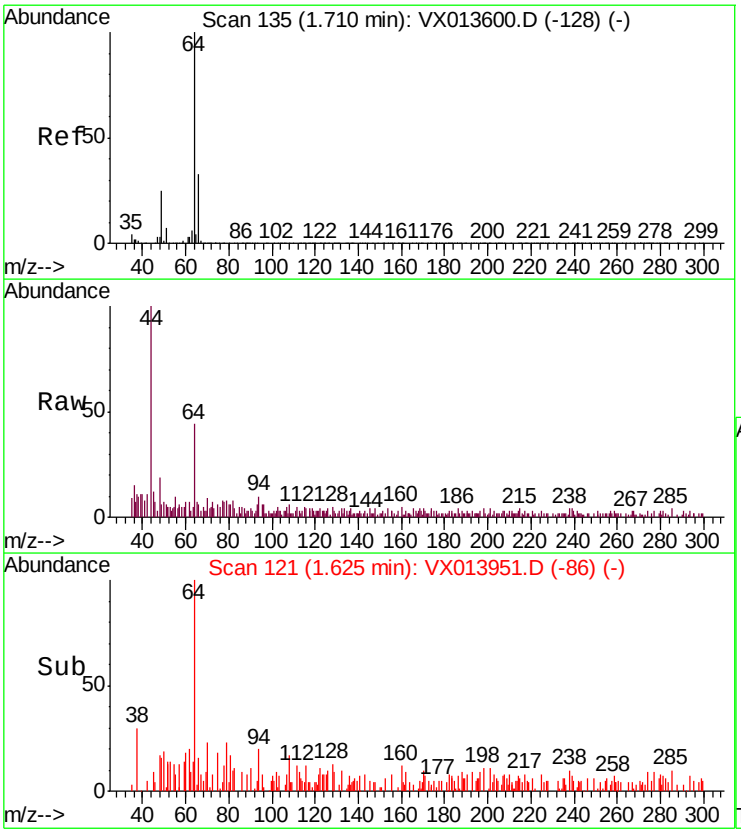
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion:168 Resp: 587655

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.8	59.8

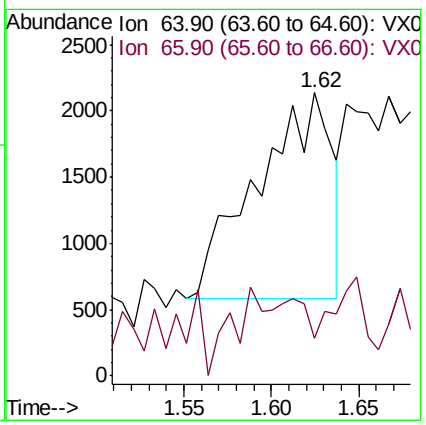


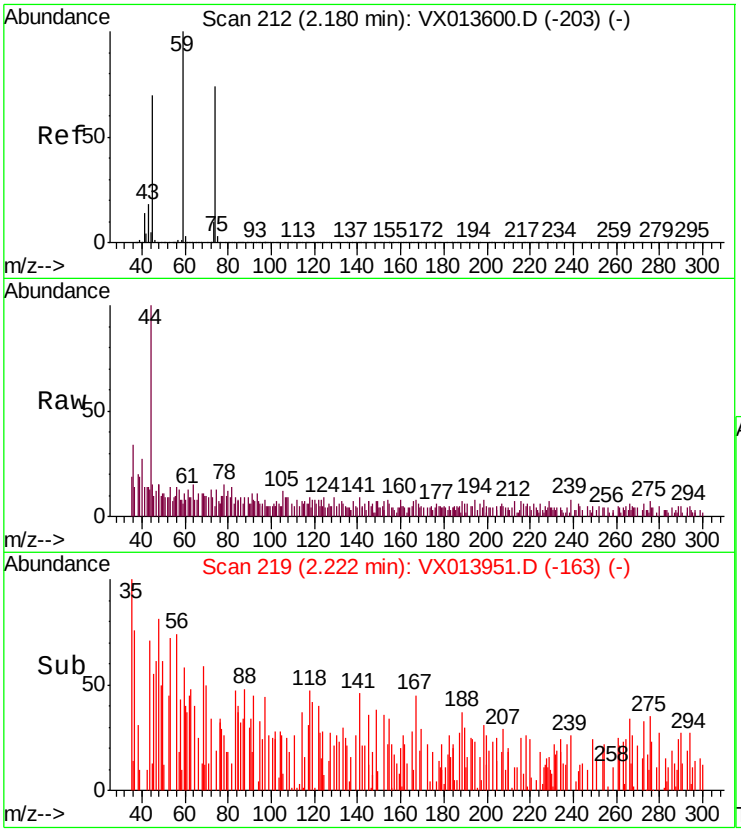


#6
Chloroethane
Concen: 0.985 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.09 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 64 Resp: 4630

Ion	Ratio	Lower	Upper
64	100		
66	2.3	26.7	40.1#



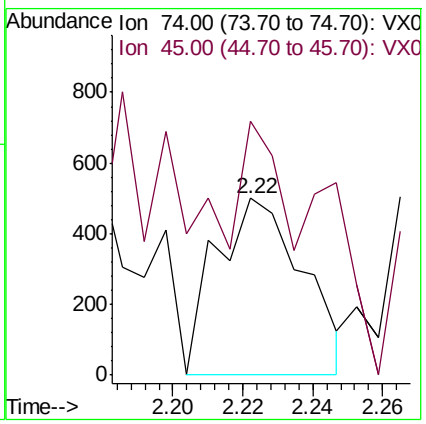


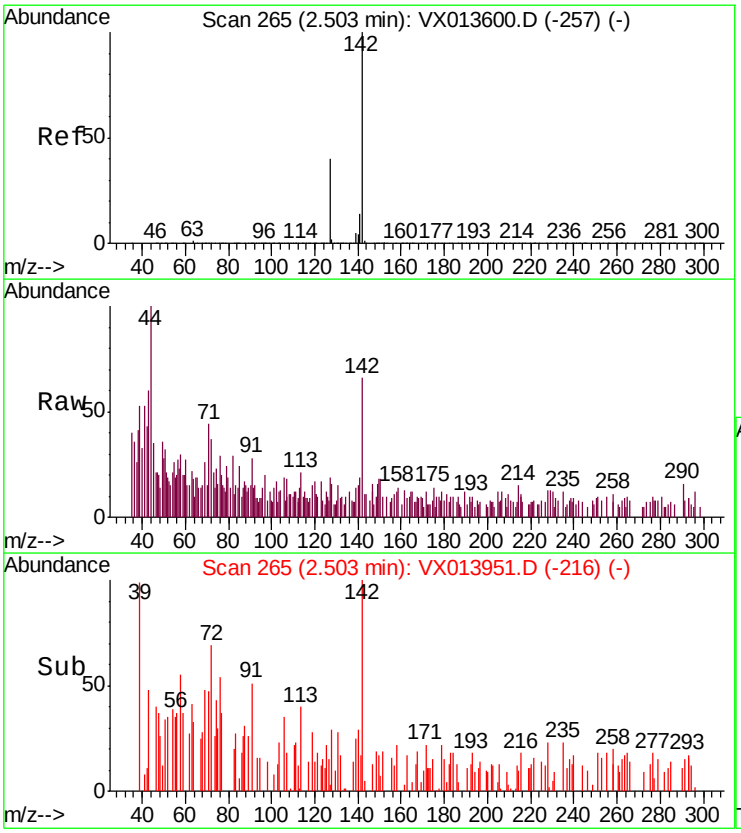
#8
Diethyl Ether
Concen: 0.209 ug/l
RT: 2.22 min Scan# 219
Delta R.T. 0.04 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Tgt Ion: 74 Resp: 866

Ion	Ratio	Lower	Upper
74	100		
45	126.9	48.9	146.8

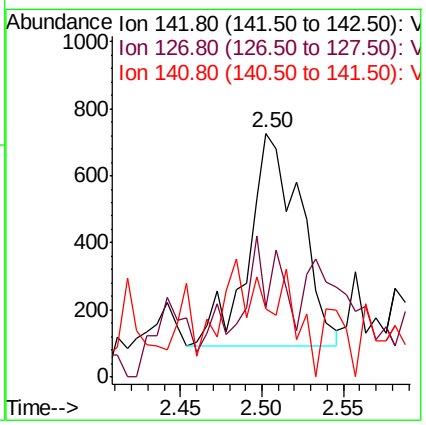


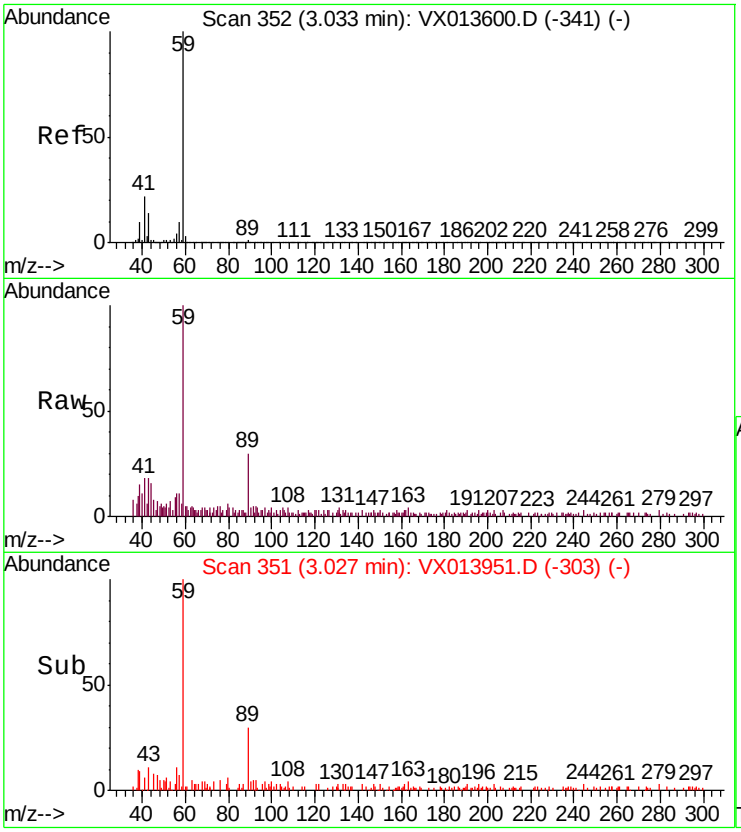


#10
Methyl Iodide
Concen: 0.206 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion:142 Resp: 1395

Ion	Ratio	Lower	Upper
142	100		
127	40.8	31.0	46.4
141	0.0	11.6	17.4#



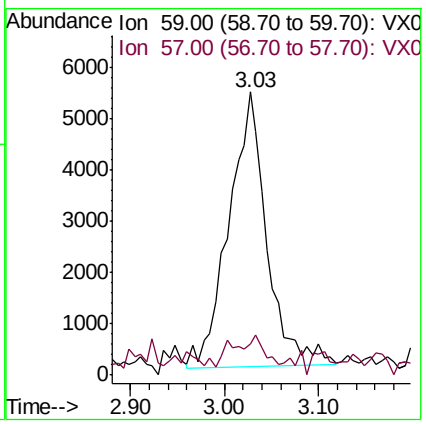


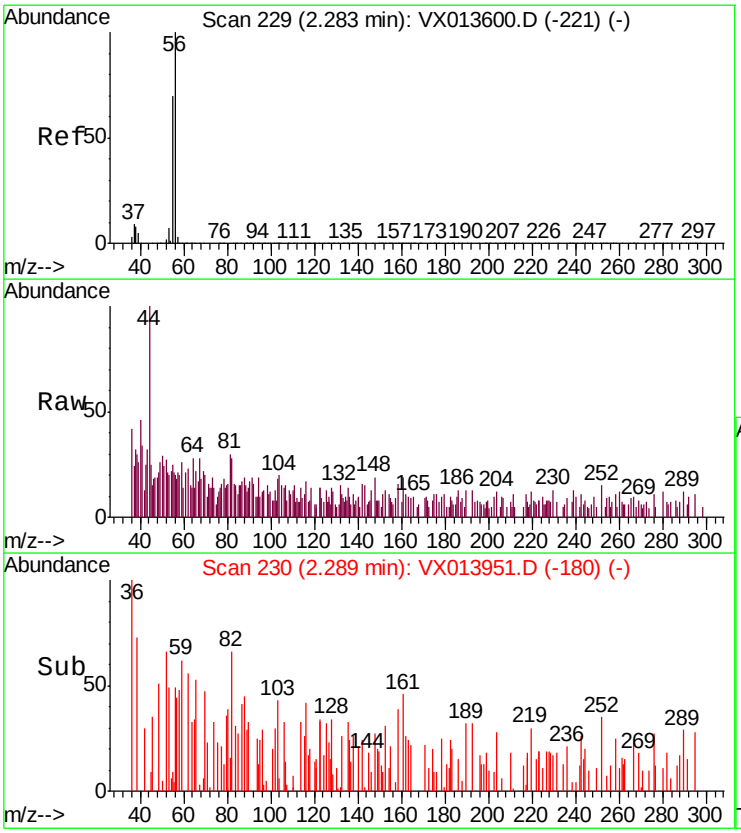
#11
Tert butyl alcohol
Concen: 8.949 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Tgt Ion: 59 Resp: 15067

Ion	Ratio	Lower	Upper
59	100		
57	6.0	7.8	11.6#

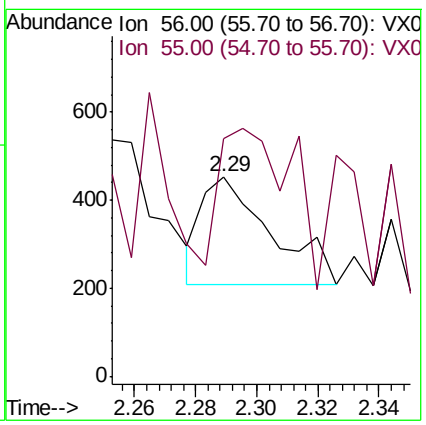


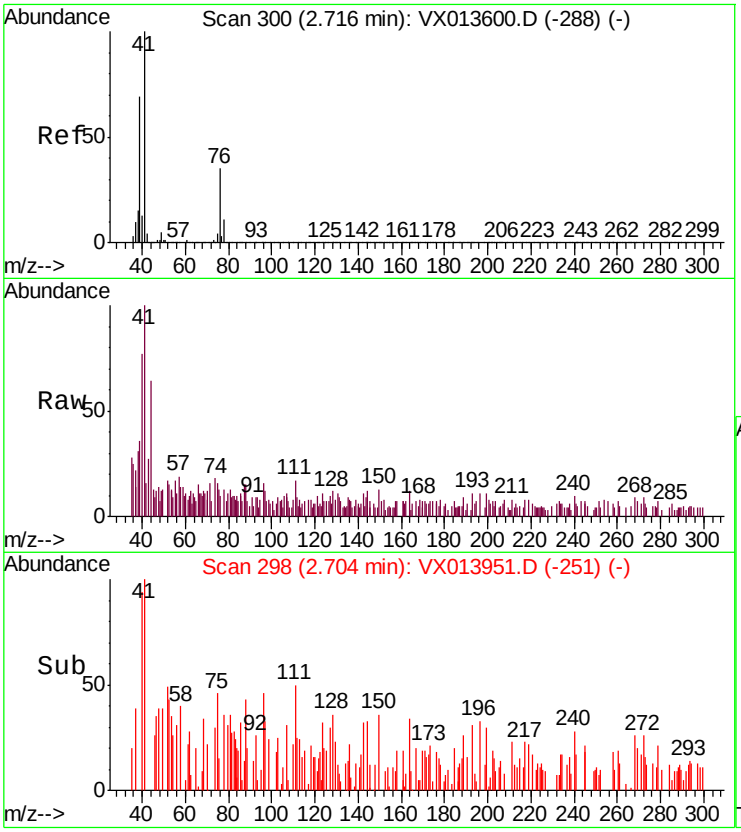


#13
Acrolein
Concen: 6.334 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 56 Resp: 381

Ion	Ratio	Lower	Upper
56	100		
55	155.1	56.2	84.4#



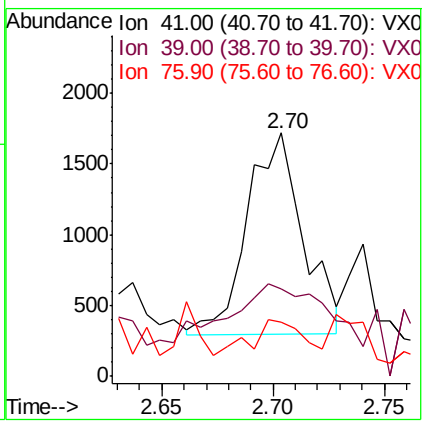


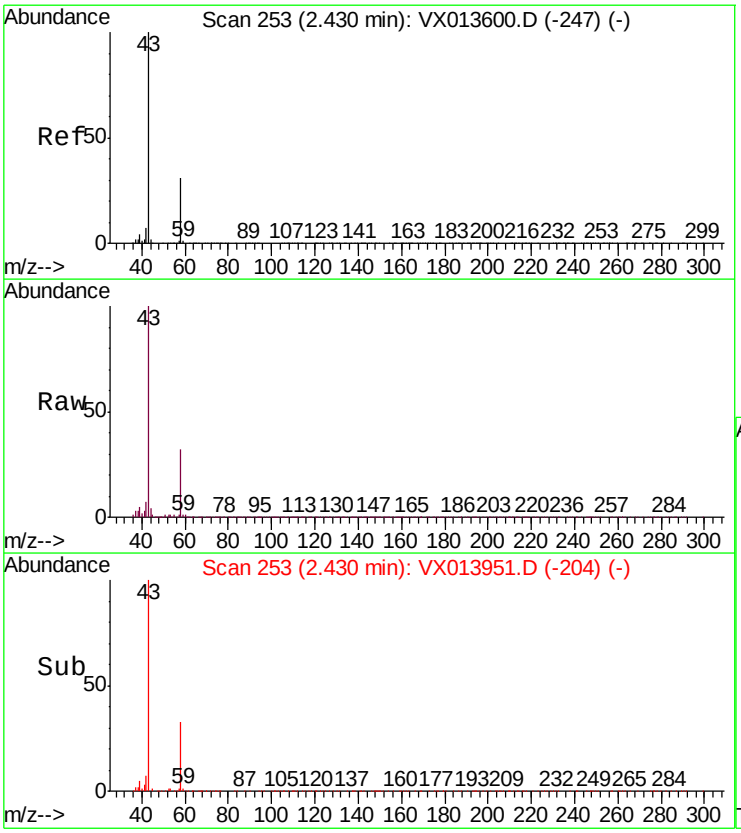
#14
Allyl chloride
Concen: 0.246 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Tgt Ion: 41 Resp: 2500

Ion	Ratio	Lower	Upper
41	100		
39	52.0	51.7	77.5
76	10.8	25.9	38.9#

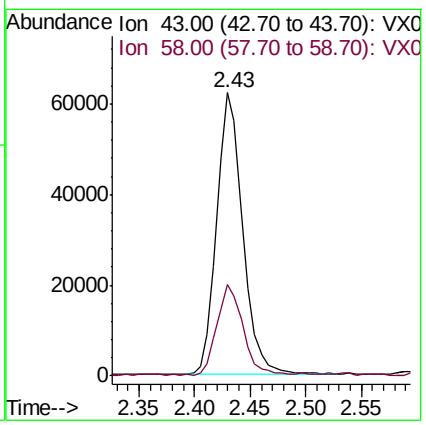


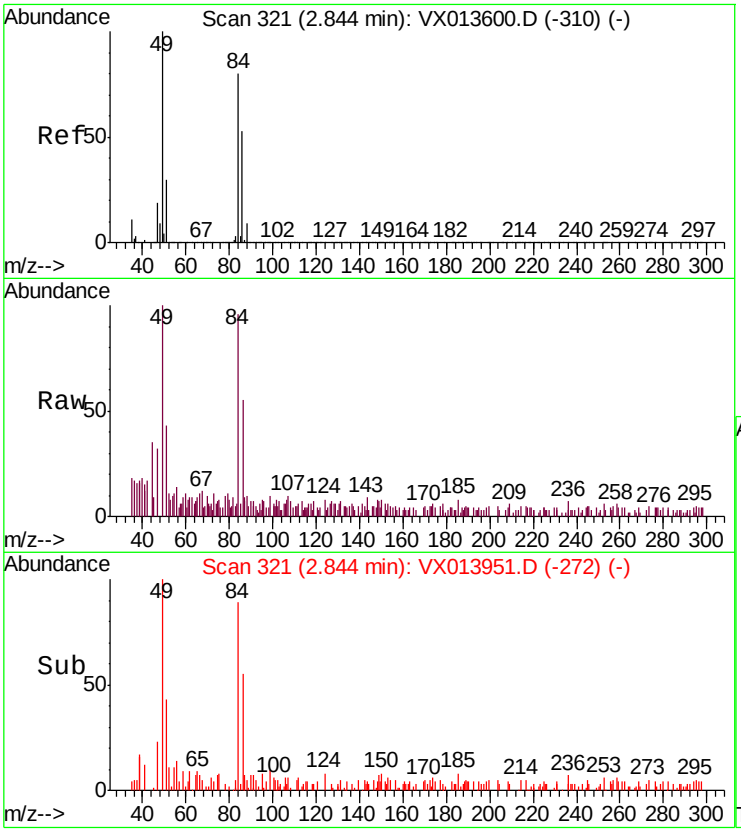


#16
Acetone
Concen: 29.889 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 43 Resp: 100661

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.6	36.8



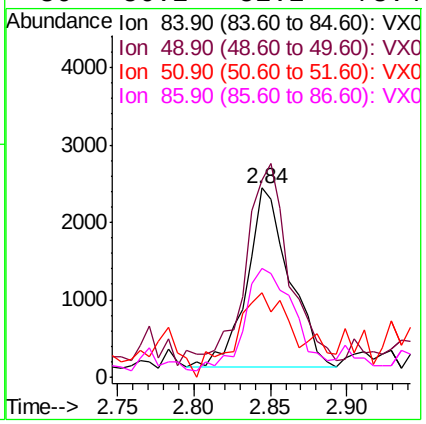


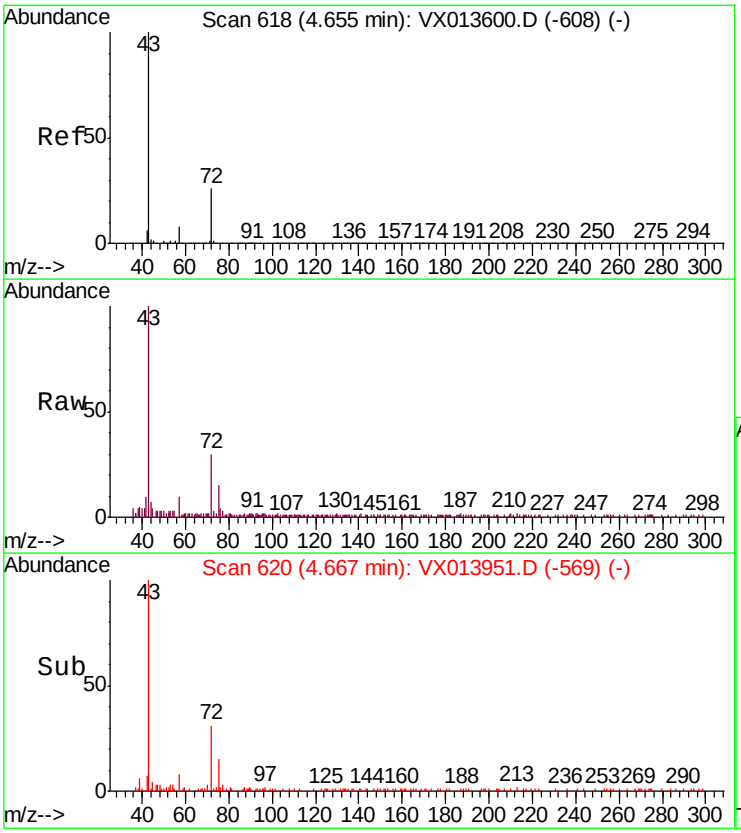
#20
Methylene Chloride
Concen: 0.691 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion: 84 Resp: 4473

Ion	Ratio	Lower	Upper
84	100		
49	100.3	99.7	149.5
51	34.2	29.9	44.9
86	56.2	52.2	78.4

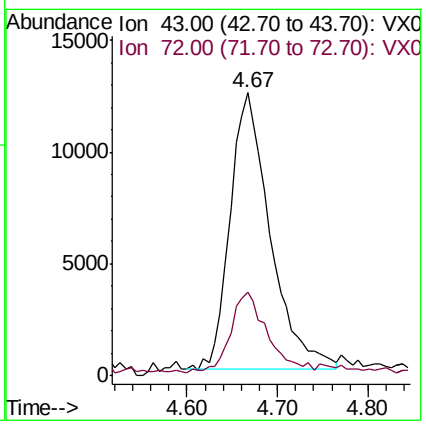


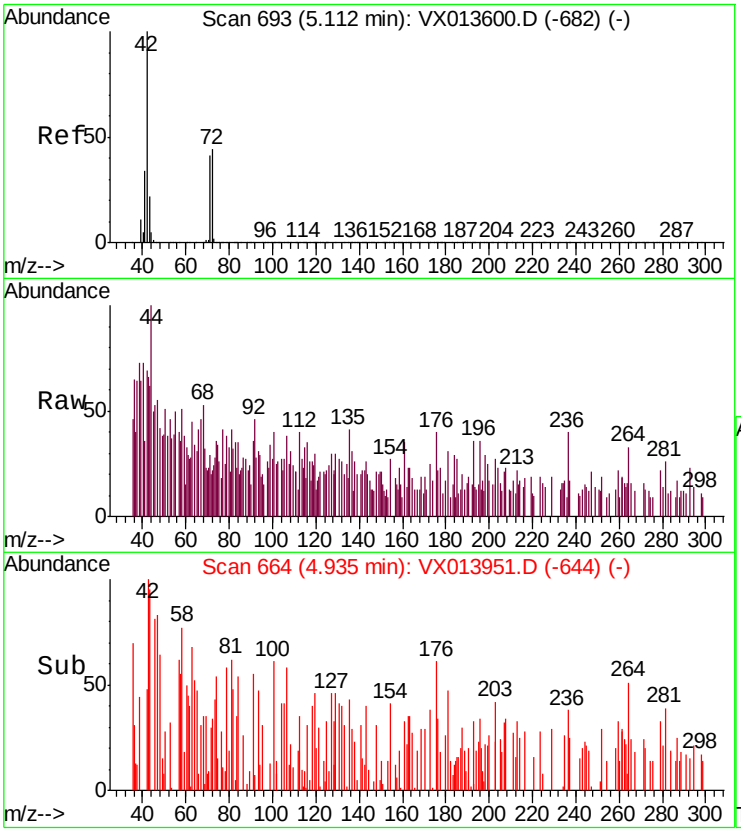


#25
2-Butanone
Concen: 7.557 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 43 Resp: 37826

Ion	Ratio	Lower	Upper
43	100		
72	29.1	20.6	31.0



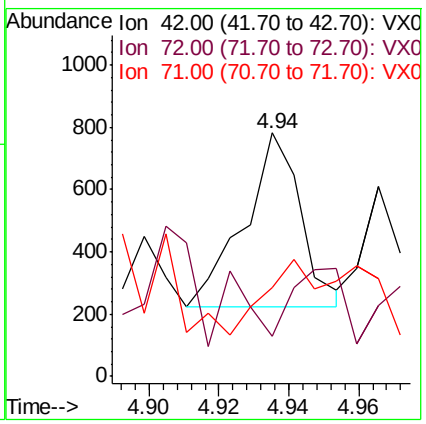


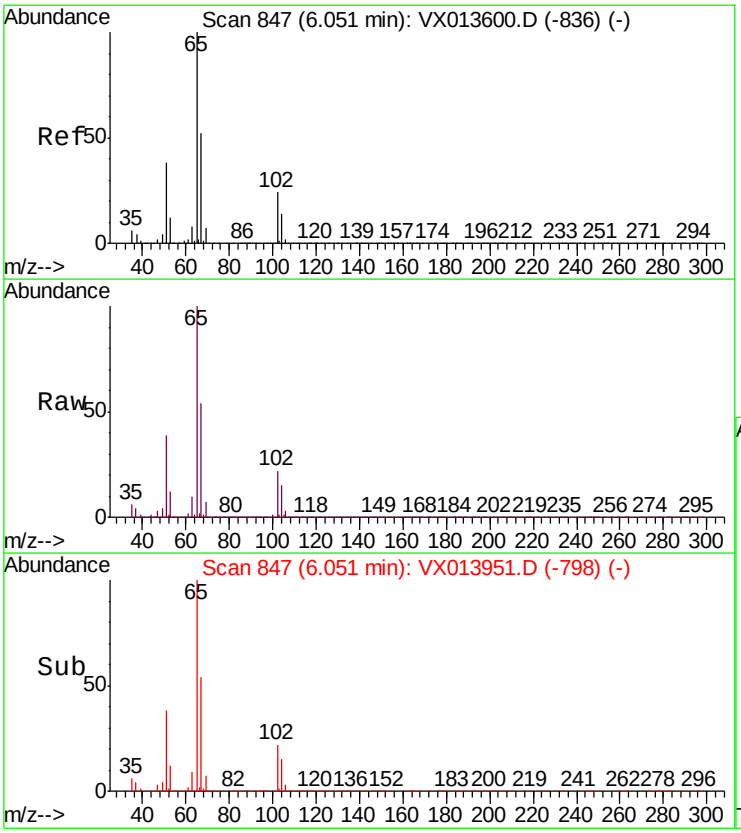
#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 4.94 min Scan# 664
Delta R.T. -0.18 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion: 42 Resp: 621

Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.3	54.5
71	39.8	33.2	49.8

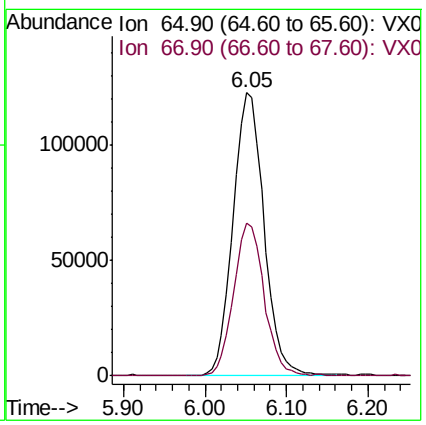


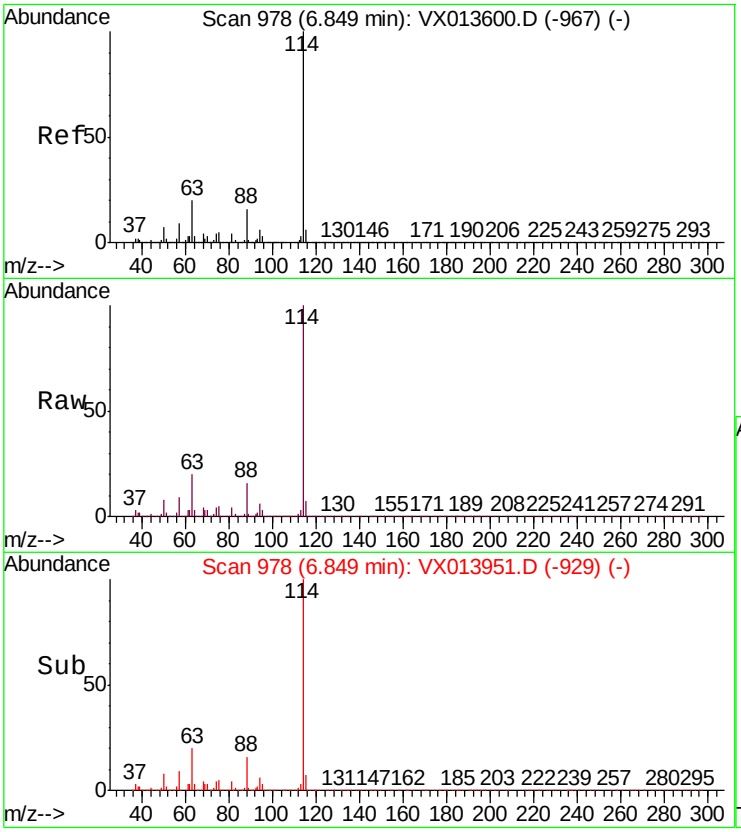


#33
1,2-Dichloroethane-d4
Concen: 47.114 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 65 Resp: 321382

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.4



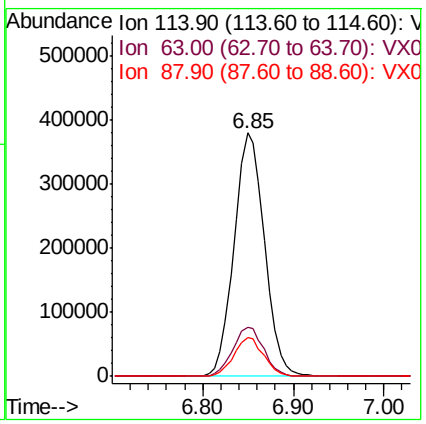


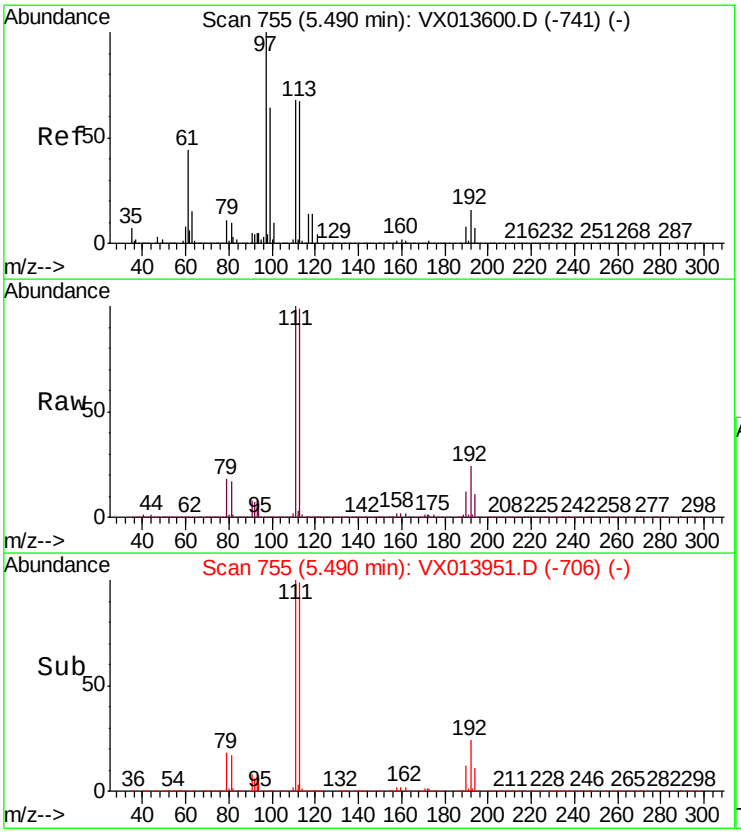
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion:114 Resp: 882989

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	16.1	0.0	31.4

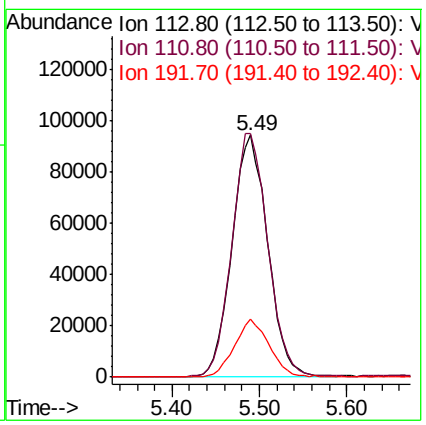


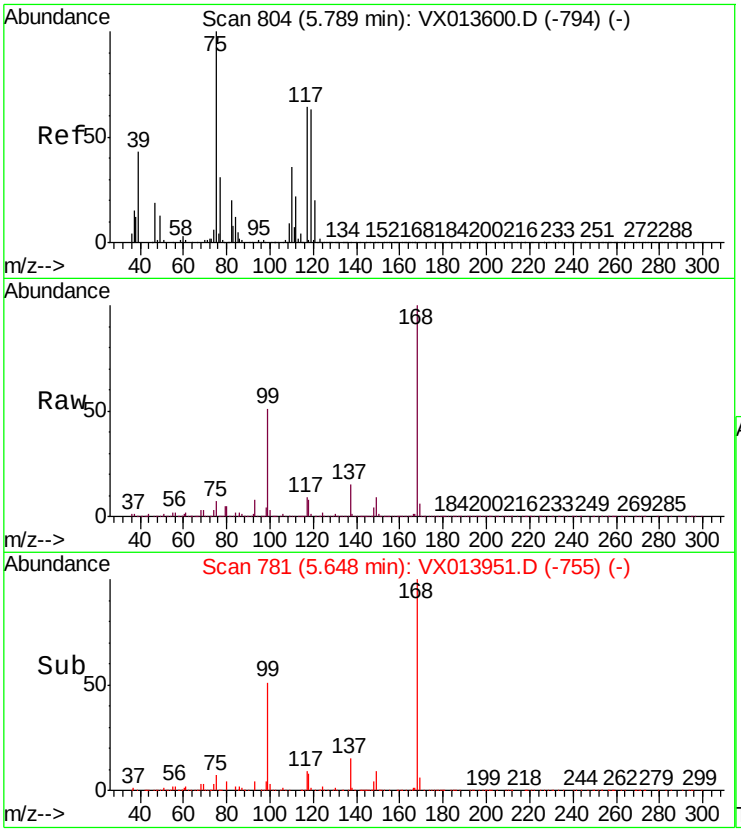


#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion:113 Resp: 266998

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.6	125.4
192	23.4	19.2	28.8



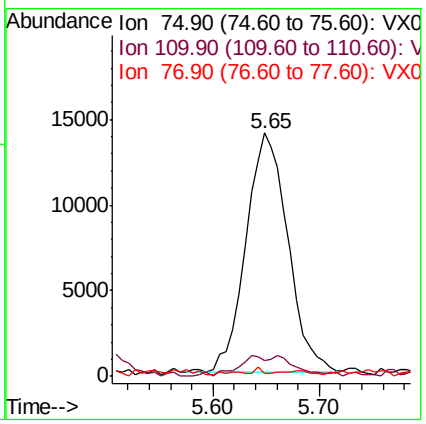


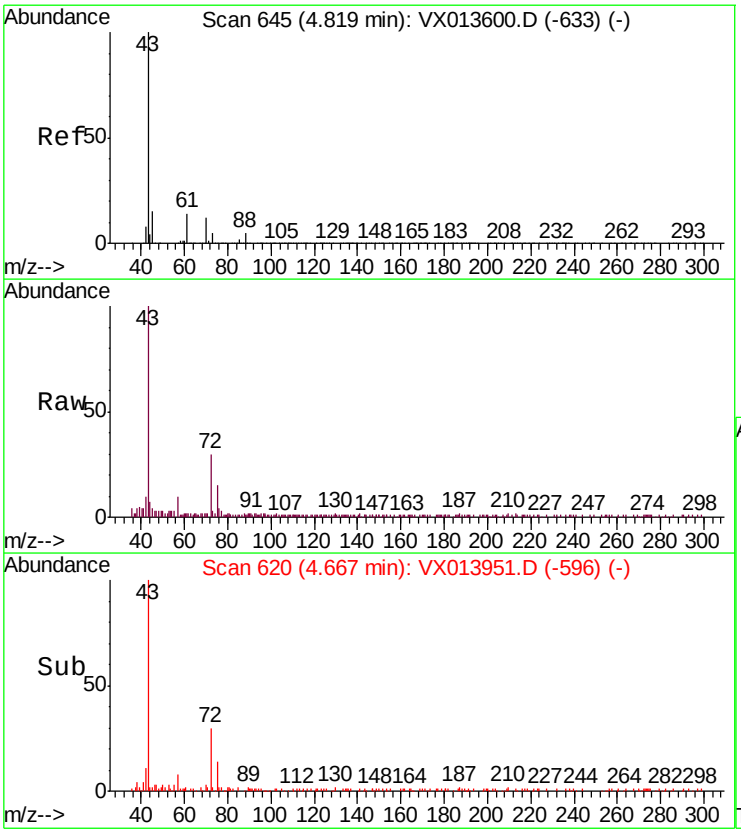
#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Tgt Ion: 75 Resp: 38523

Ion	Ratio	Lower	Upper
75	100		
110	5.6	18.1	54.1#
77	1.7	24.5	36.7#

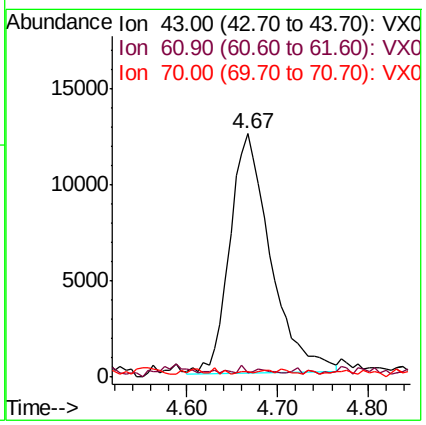


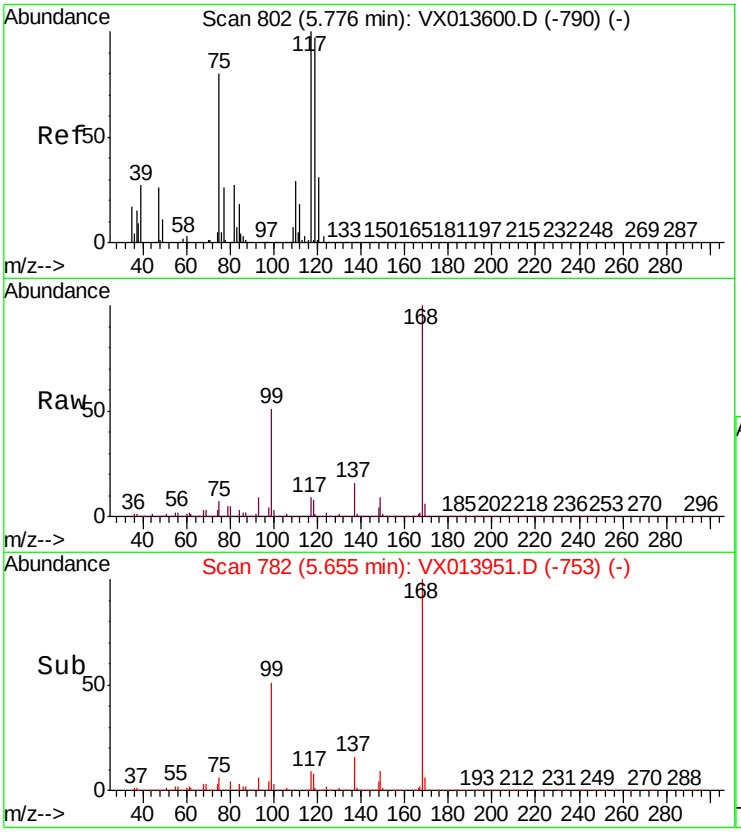


#37
Ethyl Acetate
Concen: 4.301 ug/l
RT: 4.67 min Scan# 620
Delta R.T. -0.15 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 43 Resp: 38671

Ion	Ratio	Lower	Upper
43	100		
61	0.5	11.0	16.4#
70	0.2	8.6	12.8#



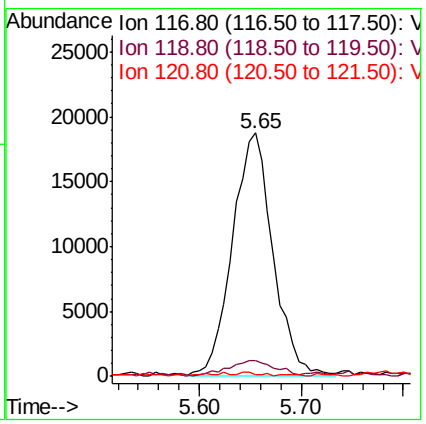


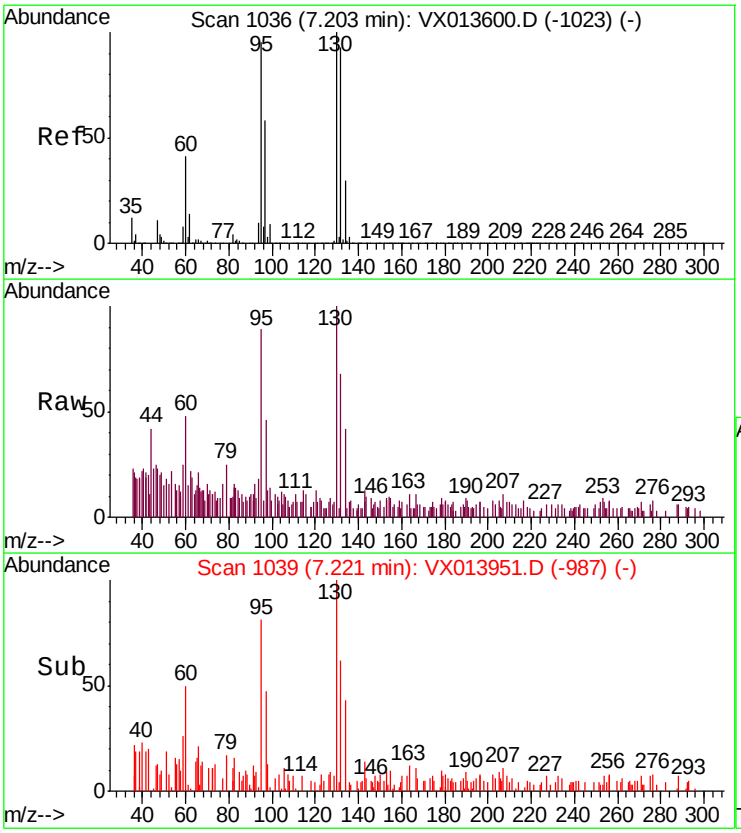
#38
Carbon Tetrachloride
Concen: 7.019 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion:117 Resp: 51877

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.5	116.3#
121	0.8	25.0	37.6#

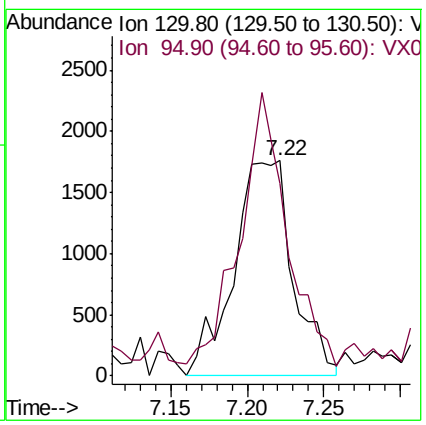


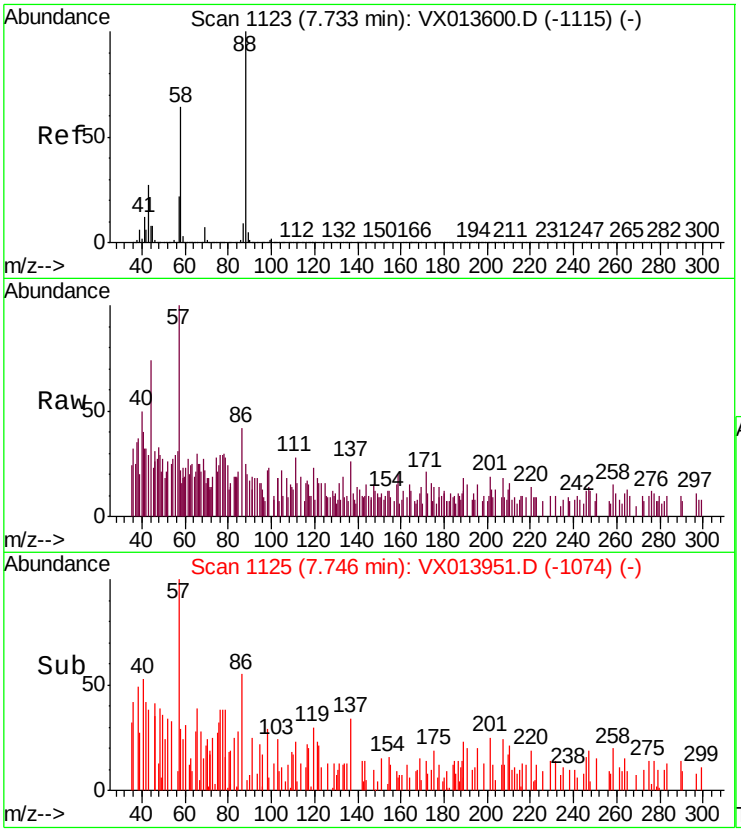


#44
Trichloroethene
Concen: 0.710 ug/l
RT: 7.22 min Scan# 1039
Delta R.T. 0.02 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion:130 Resp: 4755

Ion	Ratio	Lower	Upper
130	100		
95	85.3	0.0	190.8



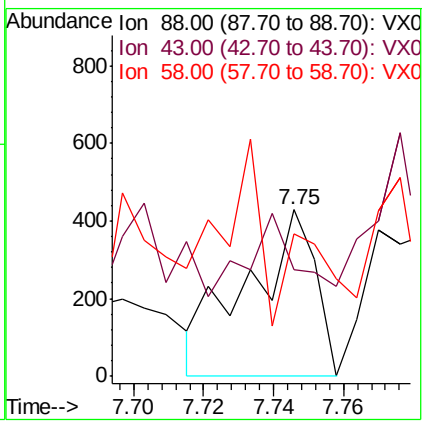


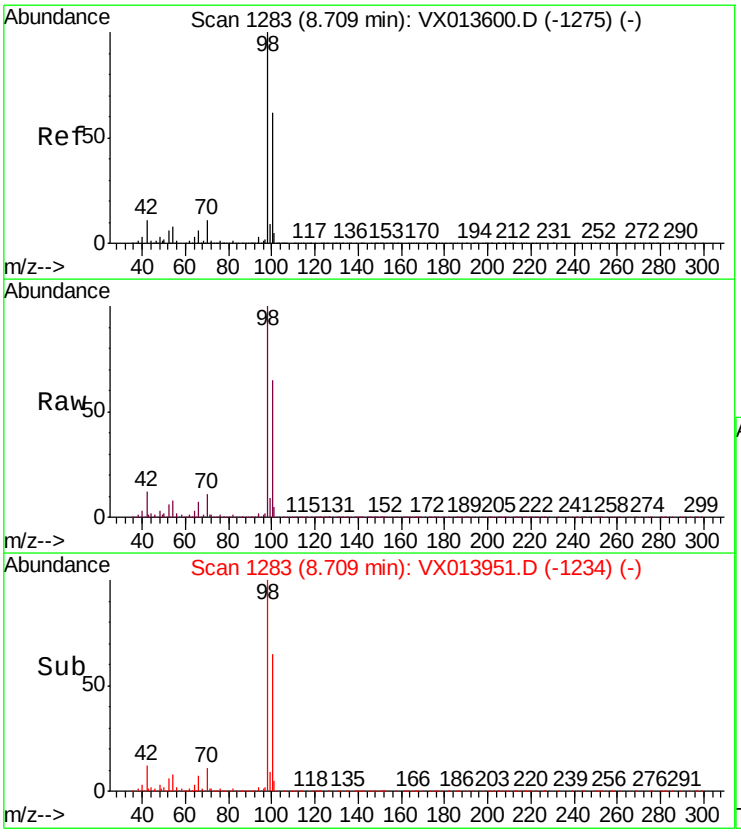
#49
1,4-Dioxane
Concen: 3.609 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion: 88 Resp: 581

Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.8	38.6
58	67.3	54.6	82.0

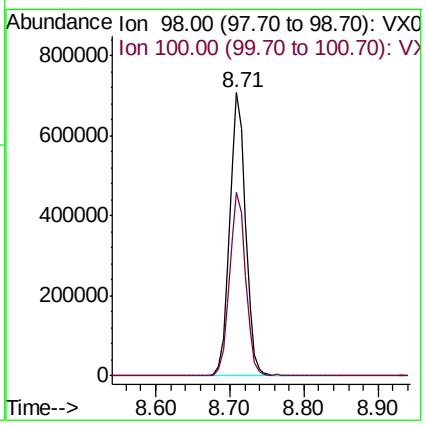


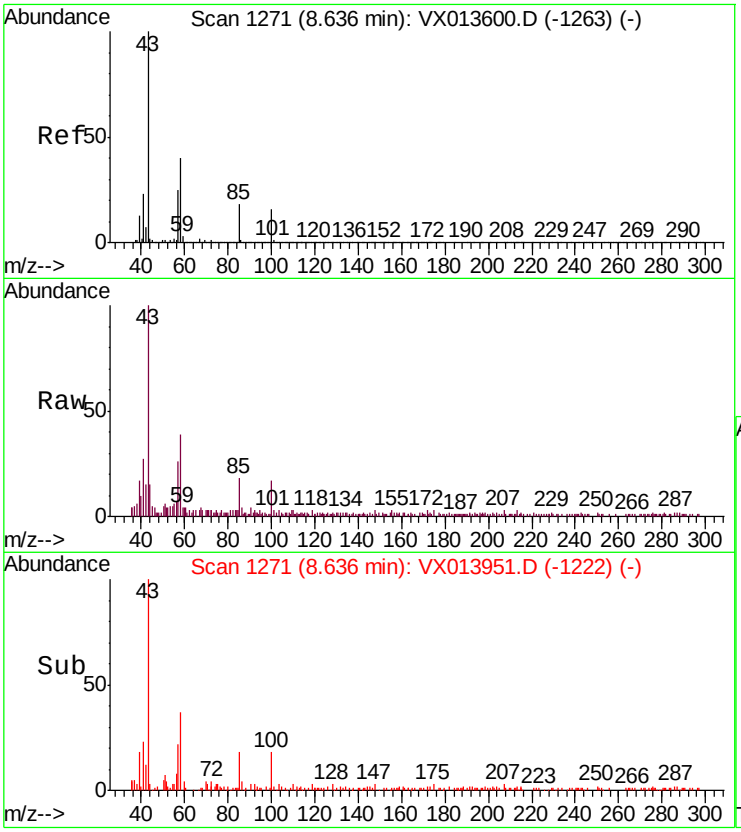


#50
Toluene-d8
Concen: 49.735 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 98 Resp: 1057770

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7



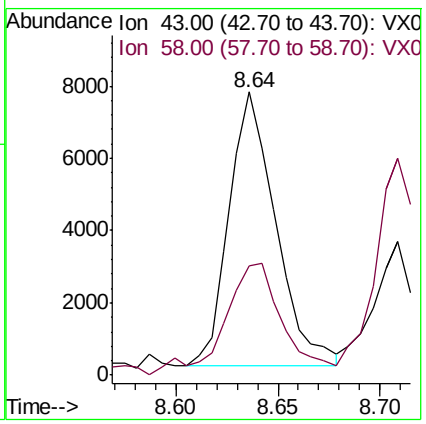


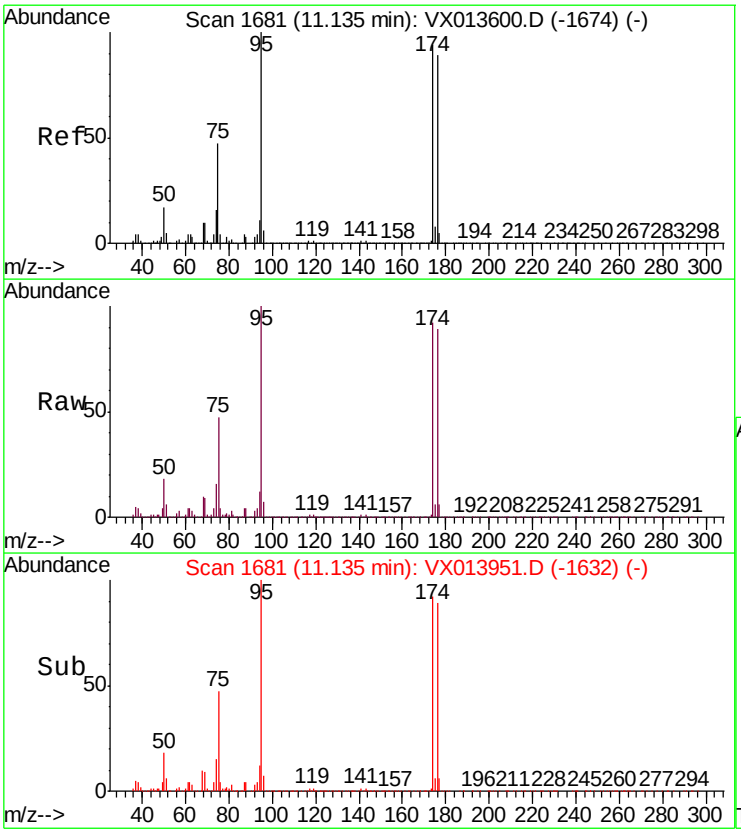
#51
4-Methyl-2-Pentanone
Concen: 1.294 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion: 43 Resp: 12051

Ion	Ratio	Lower	Upper
43	100		
58	51.4	32.1	48.1#

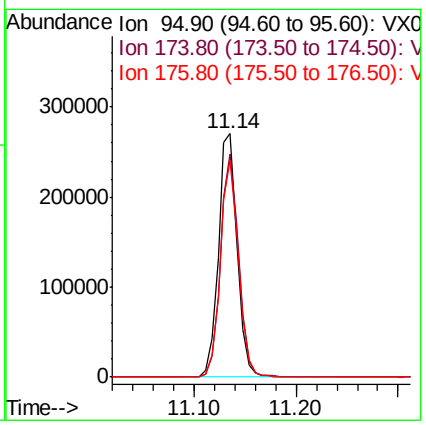


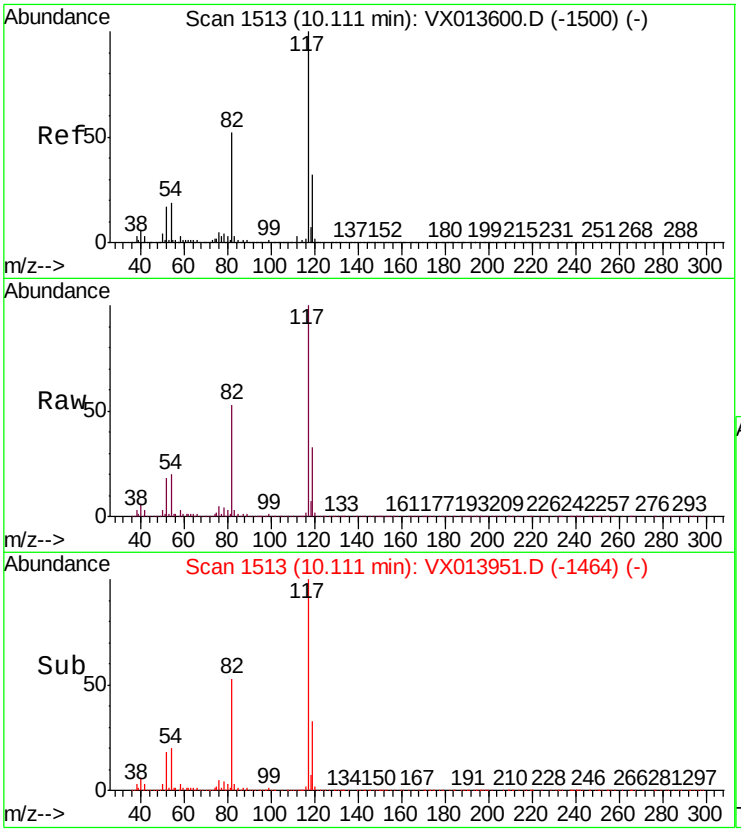


#62
4-Bromofluorobenzene
Concen: 45.456 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 95 Resp: 348612

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	180.0
176	85.7	0.0	173.6



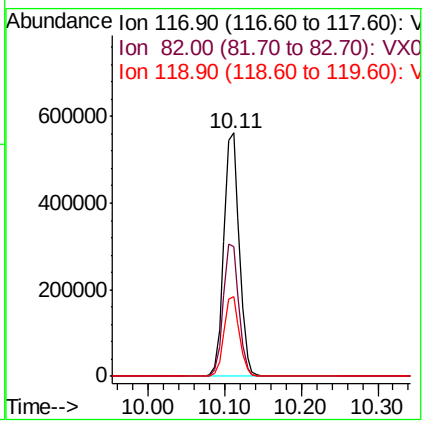


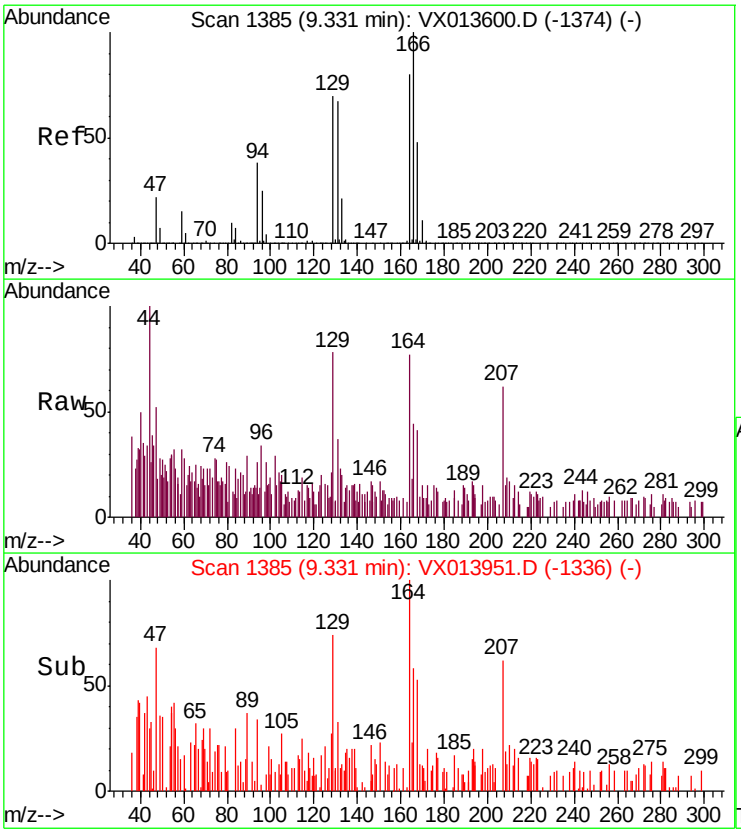
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument : MSVOA_X
ClientSampleId : TB01-20191208

Tgt Ion:117 Resp: 787703

Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.8	62.8
119	32.5	25.8	38.8

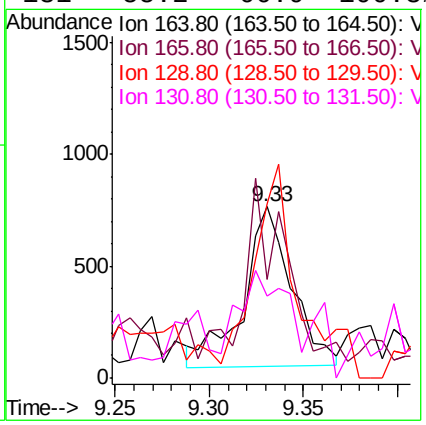


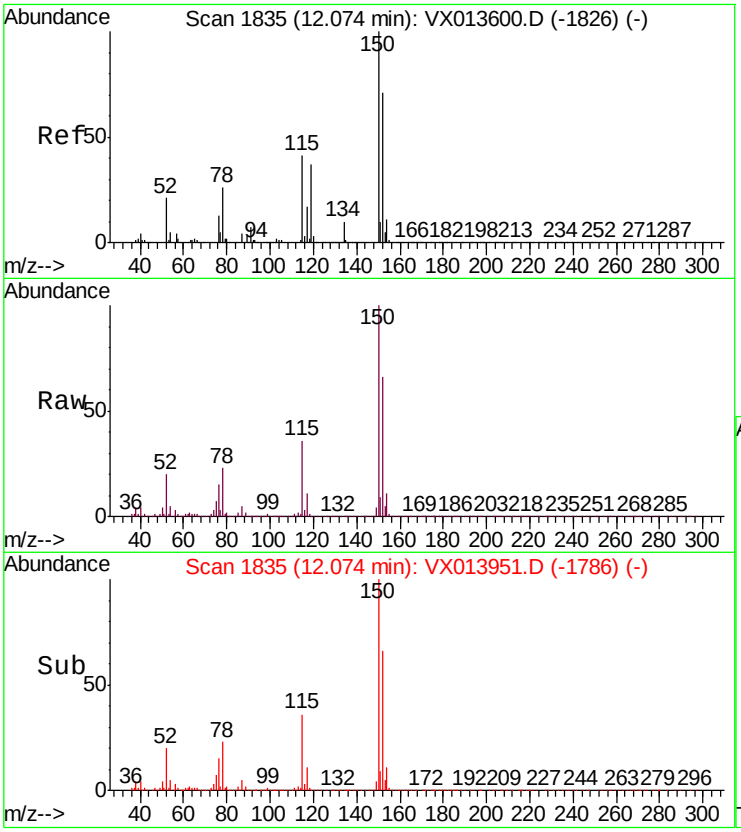


#64
Tetrachloroethene
Concen: 0.218 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion:164 Resp: 1278

Ion	Ratio	Lower	Upper
164	100		
166	42.6	99.7	149.5#
129	91.0	70.1	105.1
131	55.2	66.9	100.3#



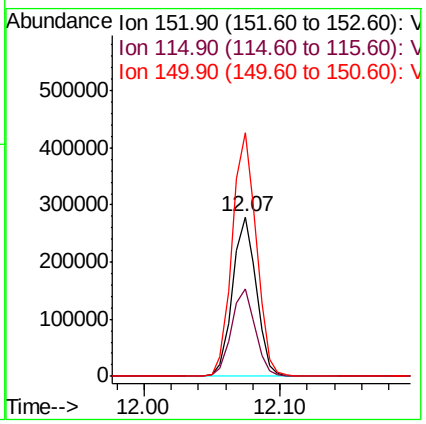


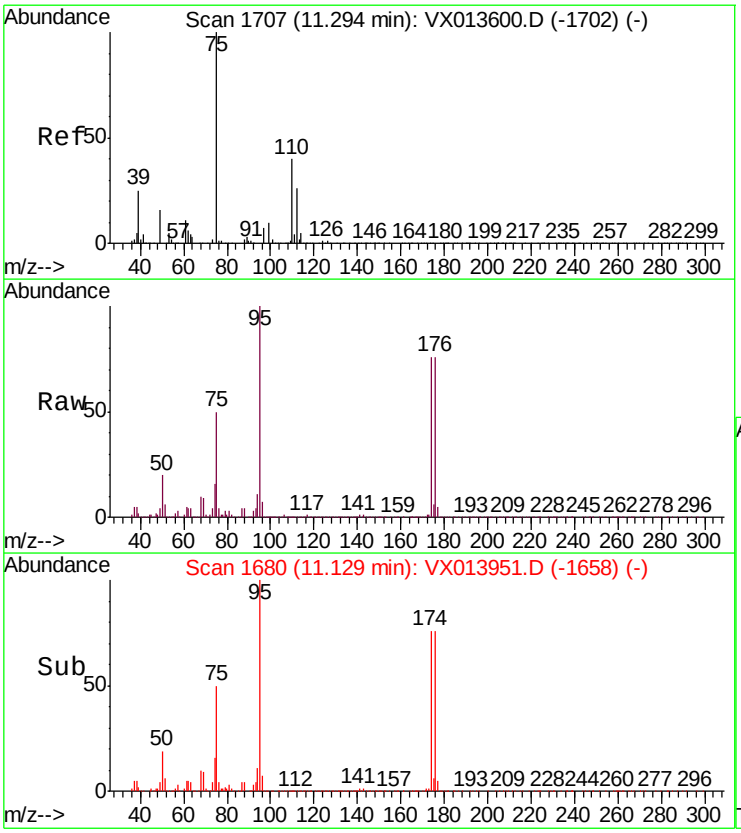
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion:152 Resp: 337854

Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.4	115.1
150	155.2	0.0	346.8

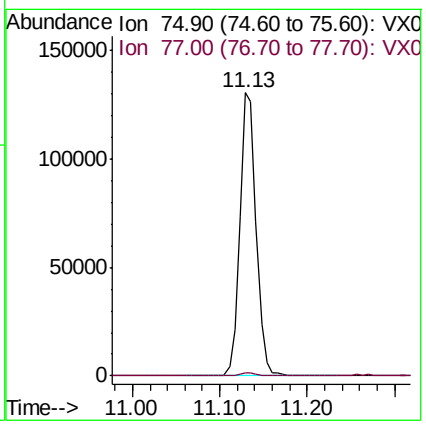


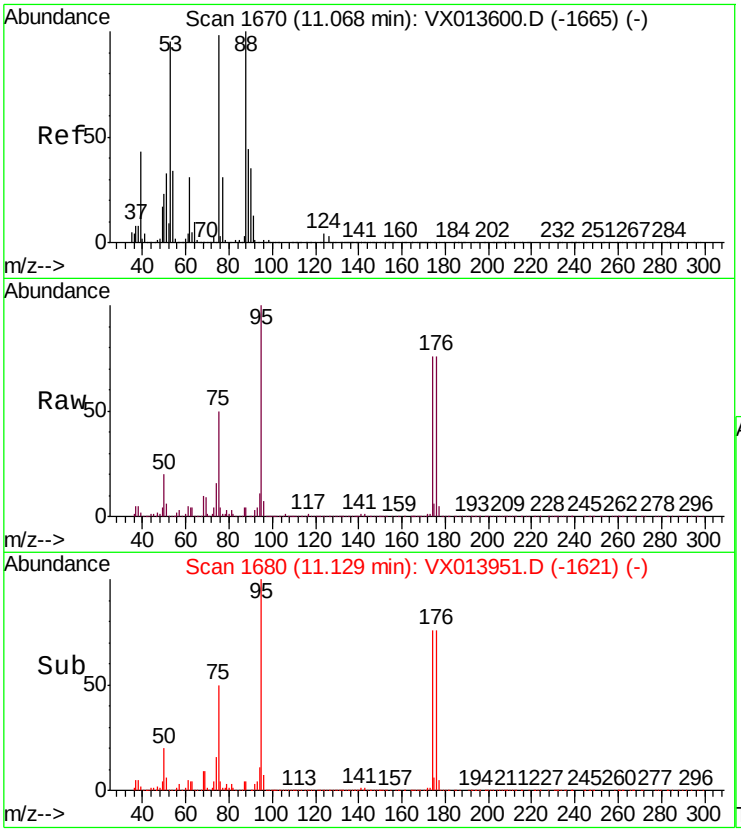


#76
1,2,3-Trichloropropane
Concen: 22.267 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion: 75 Resp: 169203

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.1	57.5#



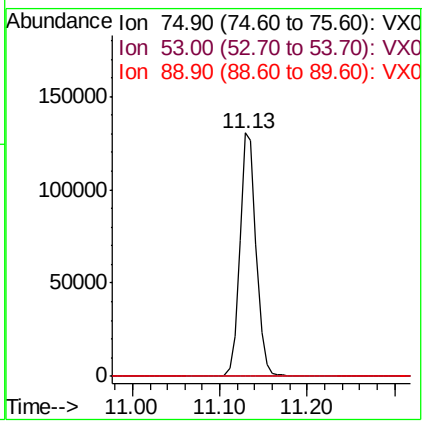


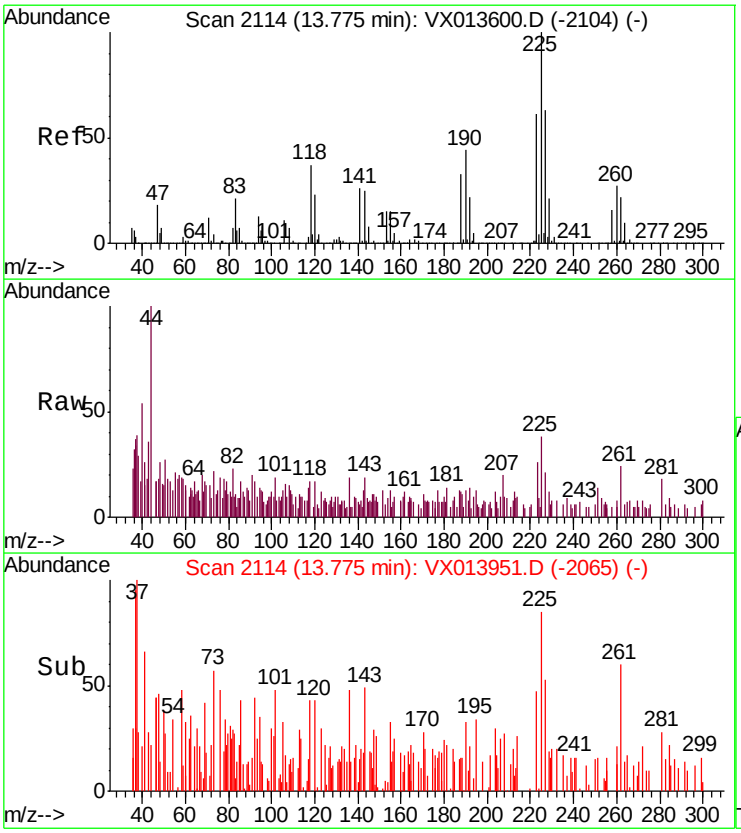
#81
trans-1,4-Dichloro-2-butene
Concen: 60.918 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion: 75 Resp: 169203

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.2#
89	0.0	35.4	53.2#

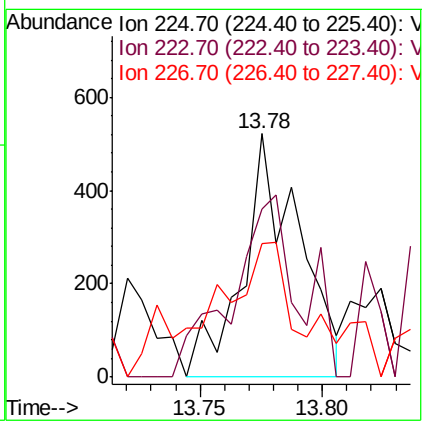


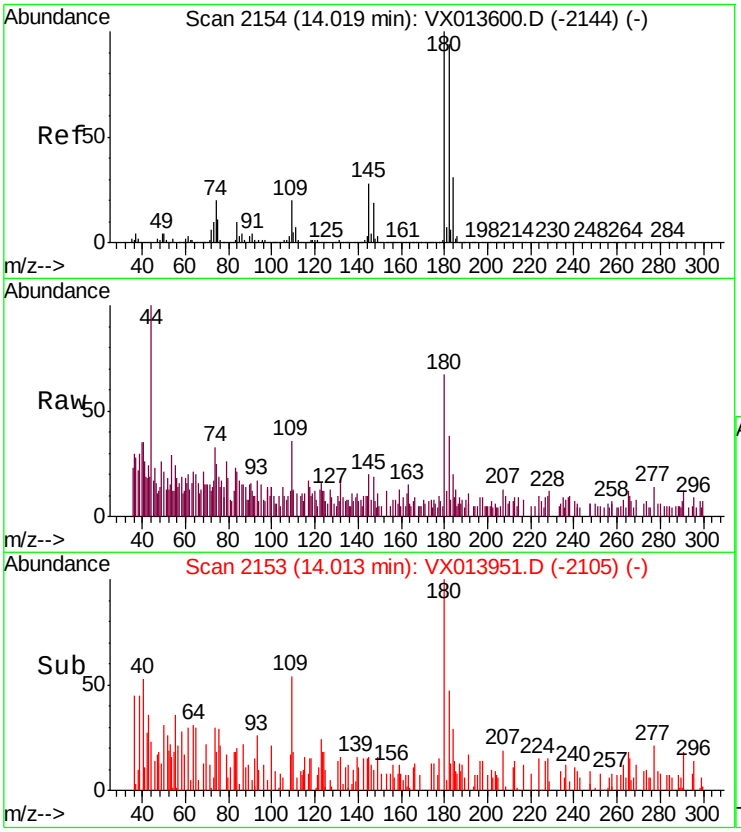


#94
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Tgt Ion:225 Resp: 834

Ion	Ratio	Lower	Upper
225	100		
223	89.2	31.9	95.5
227	33.8	32.1	96.3





#96
1,2,3-Trichlorobenzene
Concen: 0.213 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX013951.D
Acq: 11 Dec 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20191208

Tgt Ion:180 Resp: 1621

Ion	Ratio	Lower	Upper
180	100		
182	63.4	47.6	142.8
145	31.3	15.0	45.0