Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
Data File : VX008025.D
Acq On : 12 Mar 2019 19:14
Operator : JC/SP
Sample : K1793-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE108D2-20190306

Quant Time: Mar 13 05:22:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	372795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138584	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.20%			
35) Dibromofluoromethane	5.50	113	127240	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
50) Toluene-d8	8.71	98	473158	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
62) 4-Bromofluorobenzene	11.13	95	175412	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	465	0.218	ug/l	87
5) Bromomethane	1.65	94	177	Below Cal		92
6) Chloroethane	1.68	64	532	0.293	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	13263	6.017	ug/l	98
11) Tert butyl alcohol	3.07	59	139	0.236	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	13527	6.366	ug/l	91
13) Acrolein	2.25	56	43	1.670	ug/l #	13
16) Acetone	2.45	43	2683	1.759	ug/l	99
17) Carbon Disulfide	2.57	76	399	Below Cal #		36
20) Methylene Chloride	2.86	84	823	0.339	ug/l #	78
24) 1,1-Dichloroethane	3.70	63	15436	3.505	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	20174	7.541	ug/l	90
28) Bromochloromethane	5.21	49	848	0.413	ug/l #	11
29) Tetrahydrofuran	5.16	42	2005	1.489	ug/l	97
30) Chloroform	5.22	83	10982	2.636	ug/l	99
31) Cyclohexane	5.66	56	3803	0.939	ug/l #	1
32) 1,1,1-Trichloroethane	5.50	97	2115	0.612	ug/l #	49
36) 1,1-Dichloropropene	5.67	75	15261	4.308	ug/l #	48
38) Carbon Tetrachloride	5.78	117	4576	1.361	ug/l	97
39) Methylcyclohexane	7.23	83	101037	23.536	ug/l #	1
41) Methacrylonitrile	5.17	41	1227	0.535	ug/l #	41
42) 1,2-Dichloroethane	6.20	62	1094	0.317	ug/l	88
44) Trichloroethene	7.23	130	8953308	3080.338	ug/l	98
49) 1,4-Dioxane	7.76	88	790	11.756	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	3712	1.424	ug/l	100
60) Dibromochloromethane	9.34	129	8889	3.262	ug/l #	11
64) Tetrachloroethene	9.34	164	9933	3.215	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	80086	20.842	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	80086	66.623	ug/l #	11

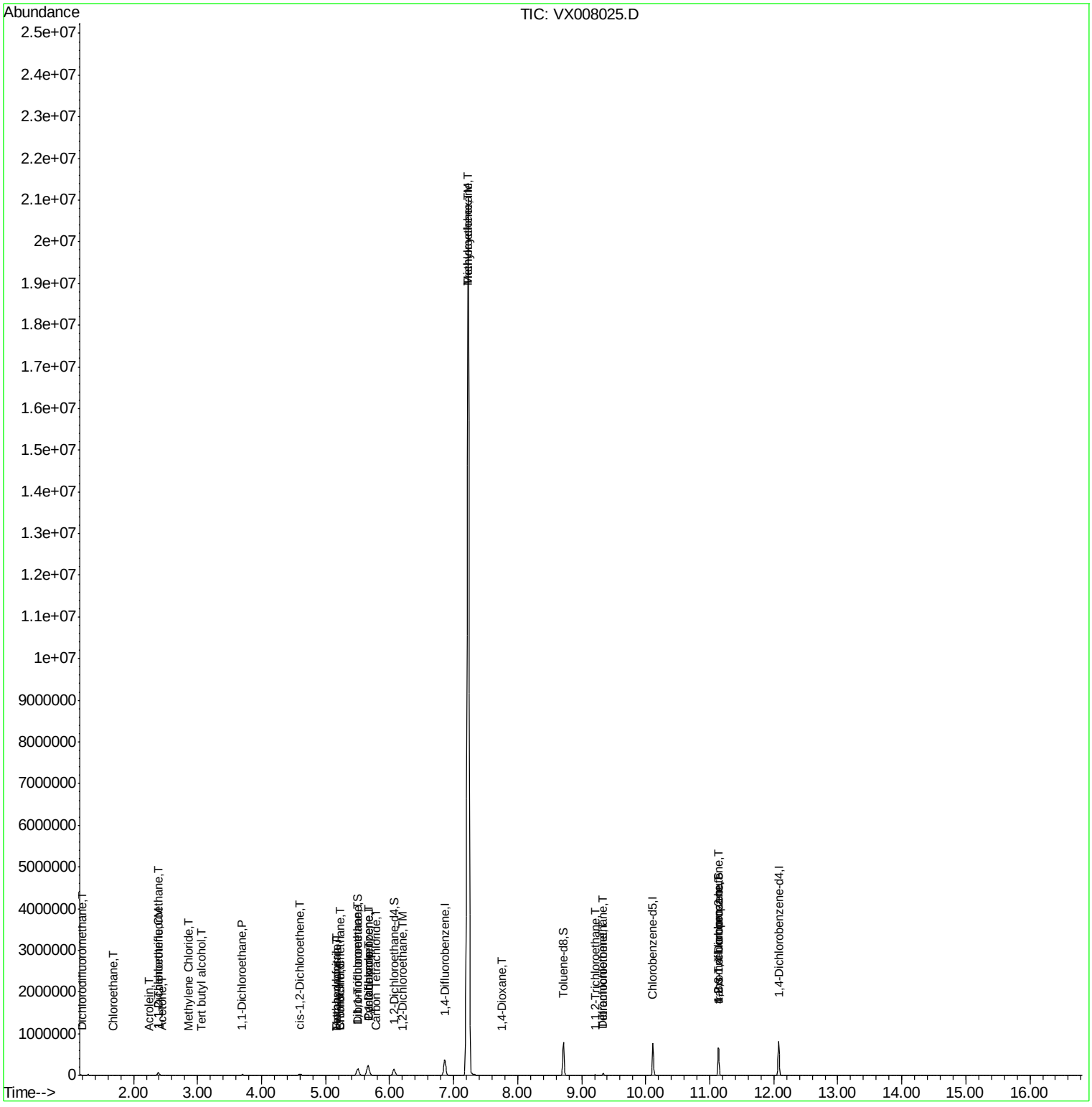
(#) = qualifier out of range (m) = manual integration (+) = signals summed

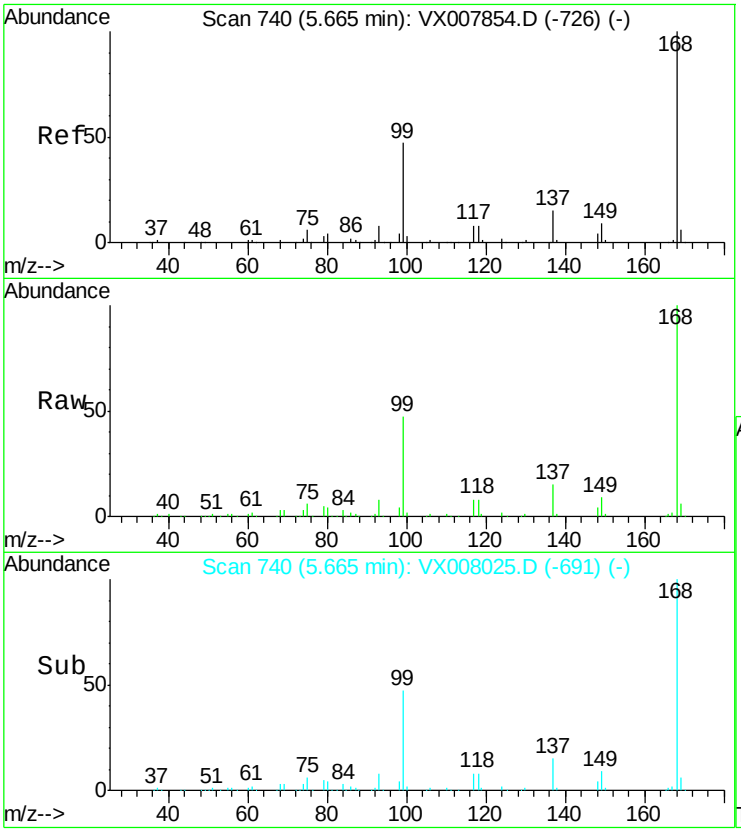
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
Data File : VX008025.D
Acq On : 12 Mar 2019 19:14
Operator : JC/SP
Sample : K1793-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Quant Time: Mar 13 05:22:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration



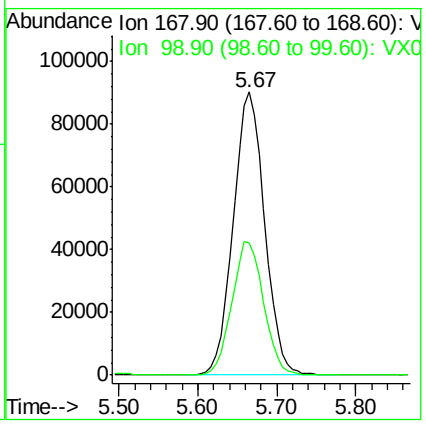


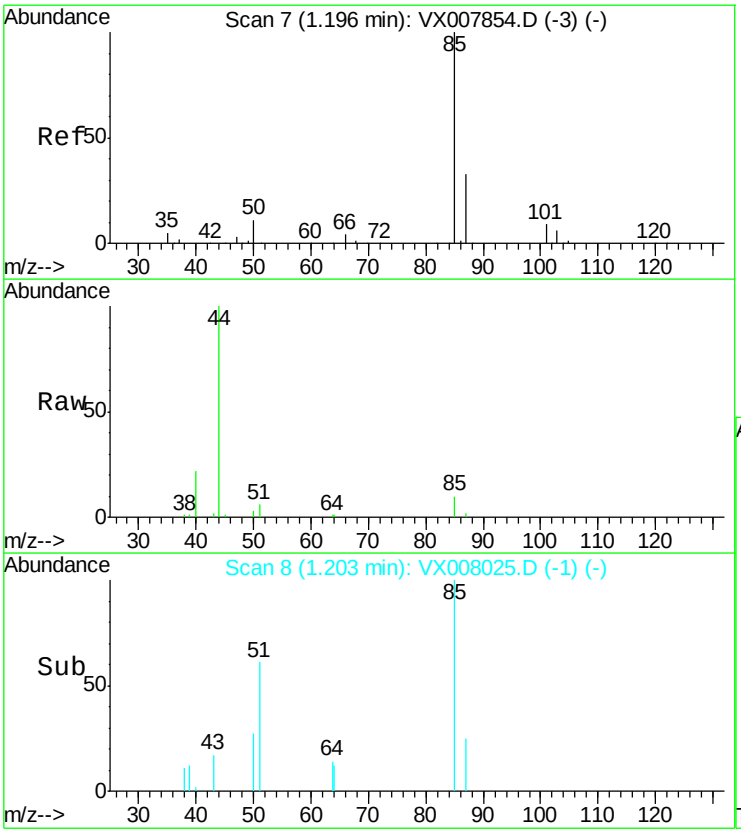
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:168 Resp: 249739

Ion	Ratio	Lower	Upper
168	100		
99	46.8	37.6	56.4

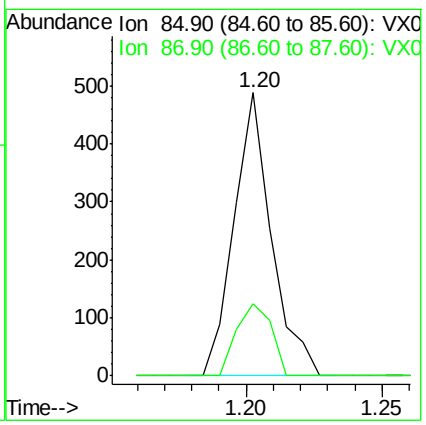


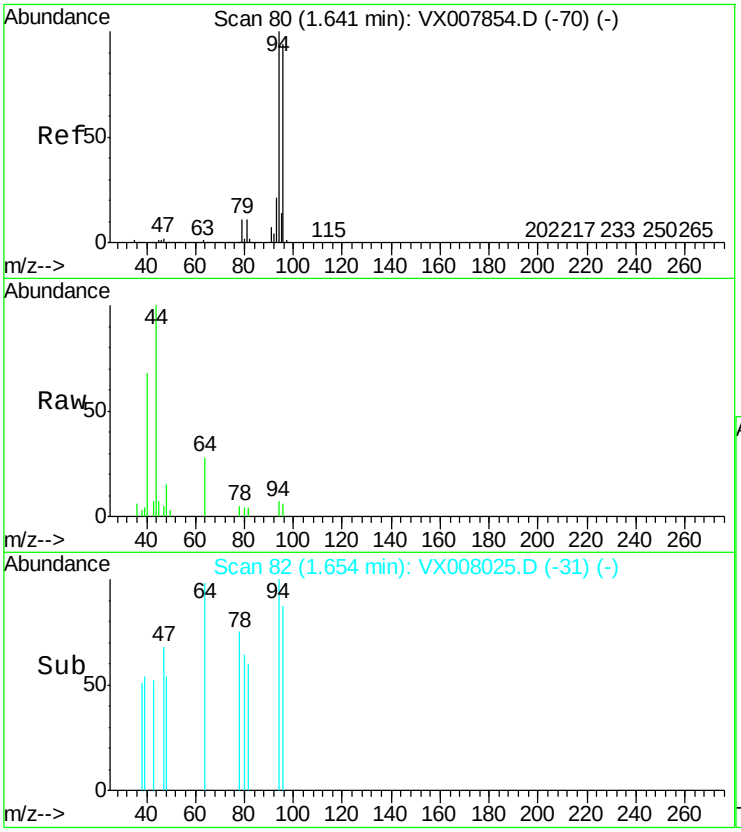


#2
Dichlorodifluoromethane
Concen: 0.218 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 85 Resp: 465

Ion	Ratio	Lower	Upper
85	100		
87	25.4	16.4	49.1



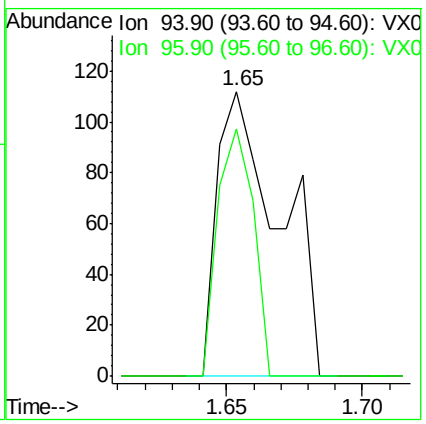


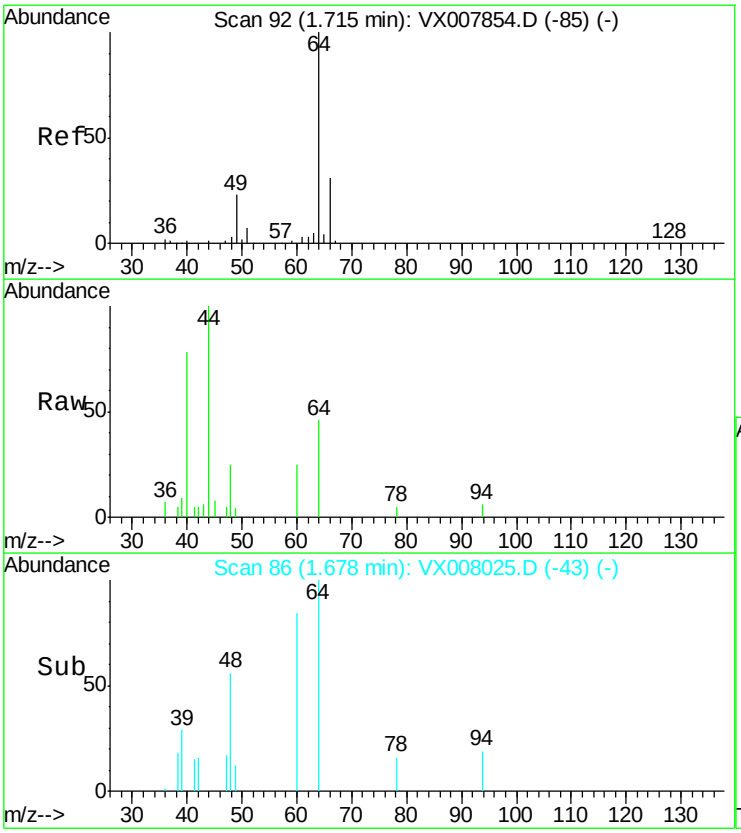
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 94 Resp: 177

Ion	Ratio	Lower	Upper
94	100		
96	86.6	75.5	113.3

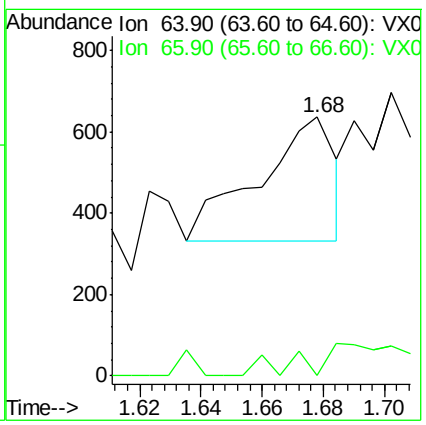


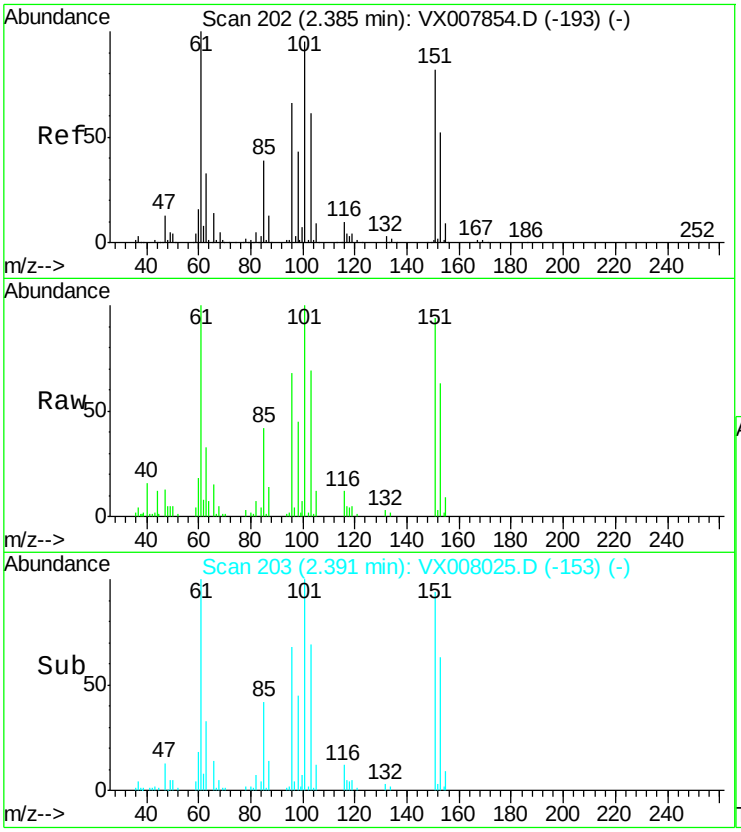


#6
Chloroethane
Concen: 0.293 ug/l
RT: 1.68 min Scan# 86
Delta R.T. -0.04 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 64 Resp: 532

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



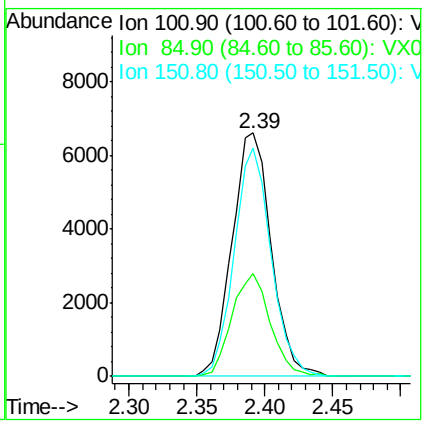


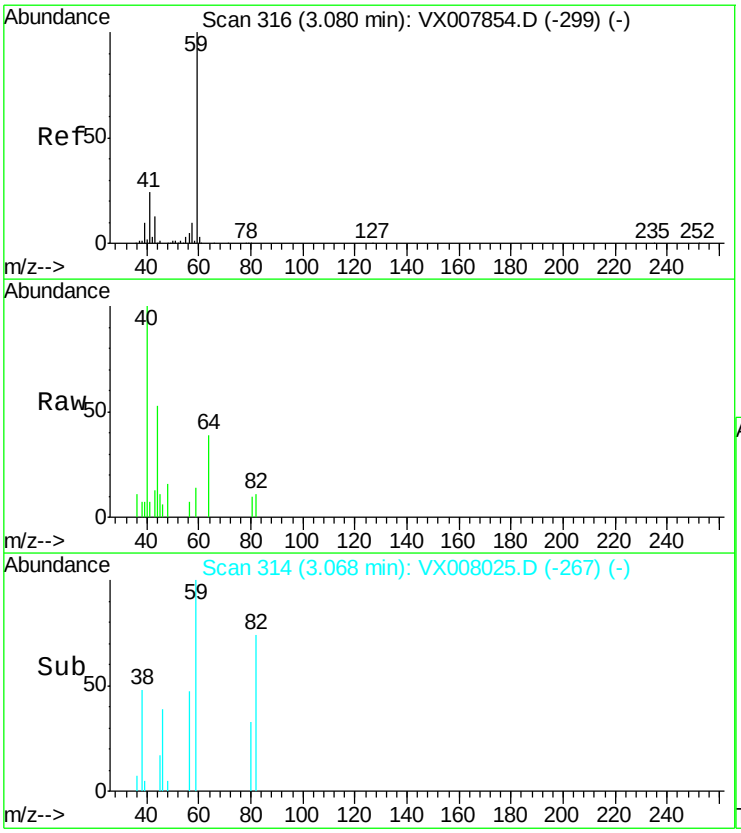
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.017 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:101 Resp: 13263

Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.8	50.6
151	88.9	69.1	103.7

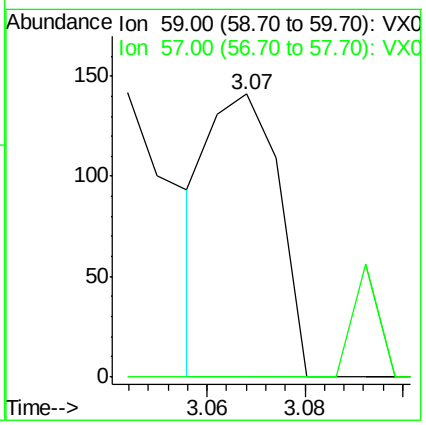


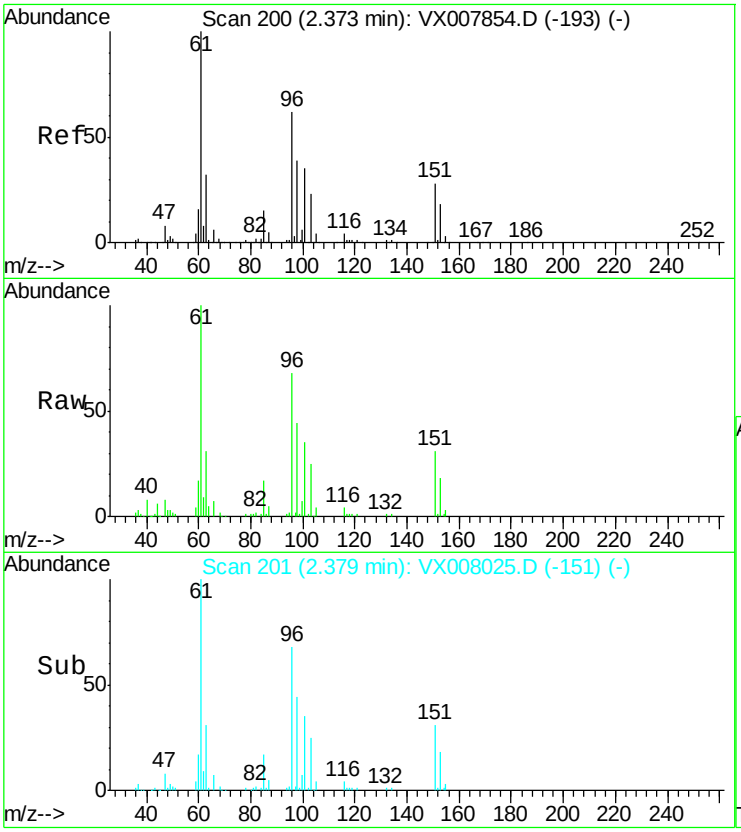


#11
Tert butyl alcohol
Concen: 0.236 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 59 Resp: 139

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



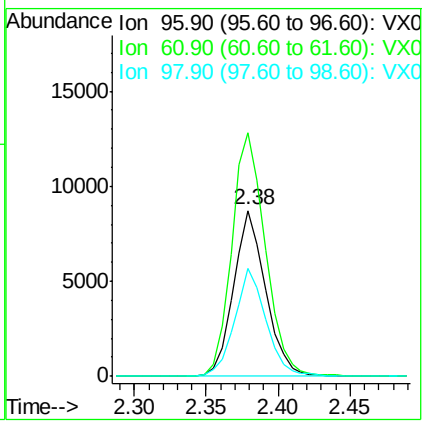


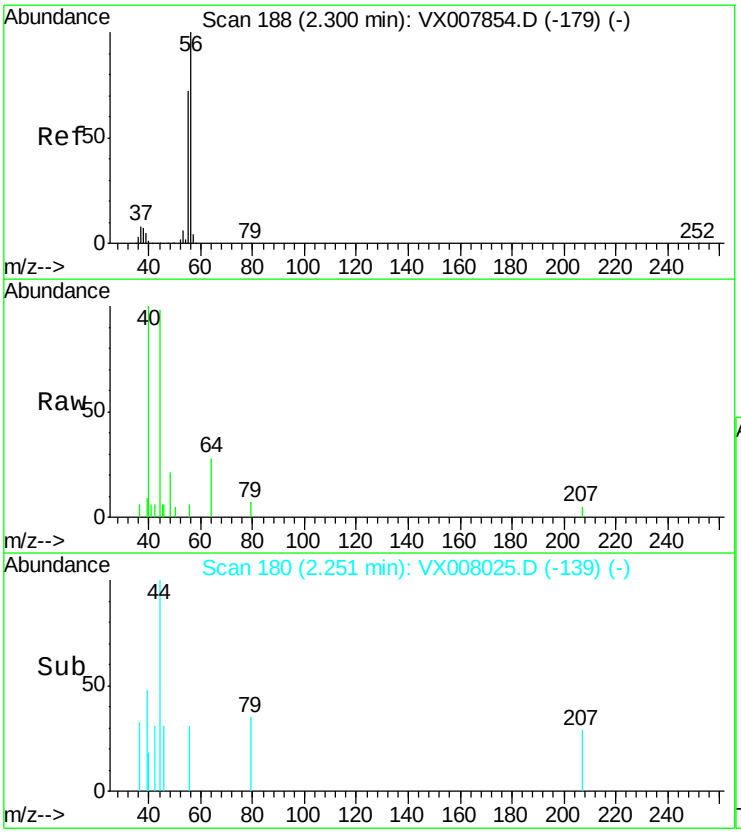
#12
1,1-Dichloroethene
Concen: 6.366 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 96 Resp: 13527

Ion	Ratio	Lower	Upper
96	100		
61	146.8	129.8	194.6
98	65.0	51.0	76.6

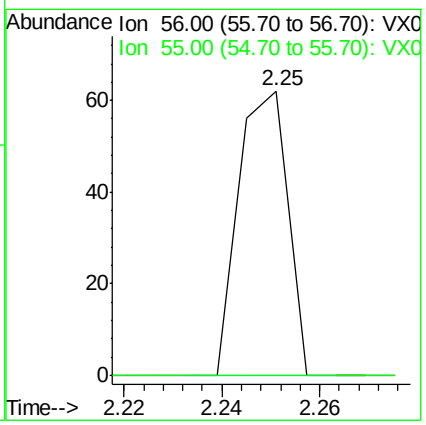


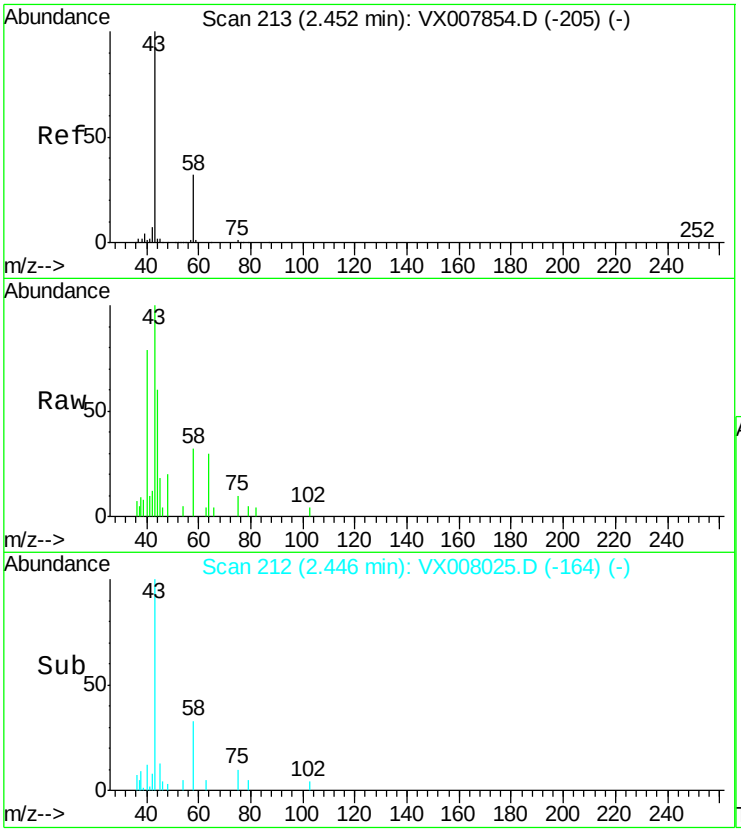


#13
Acrolein
Concen: 1.670 ug/l
RT: 2.25 min Scan# 180
Delta R.T. -0.05 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 56 Resp: 43

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.8	86.6#



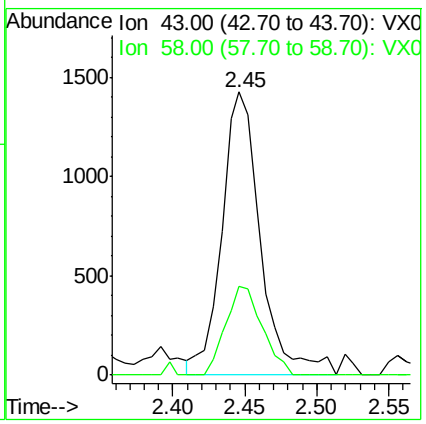


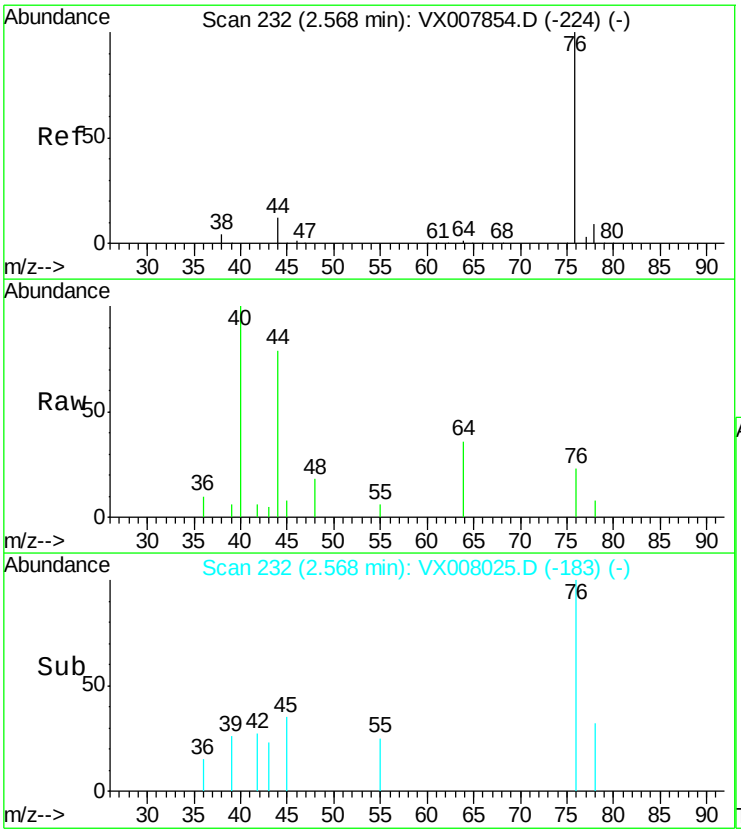
#16
Acetone
Concen: 1.759 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument : MSVOA_X
ClientSampleId : RE108D2-20190306

Tgt Ion: 43 Resp: 2683

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.5	38.3

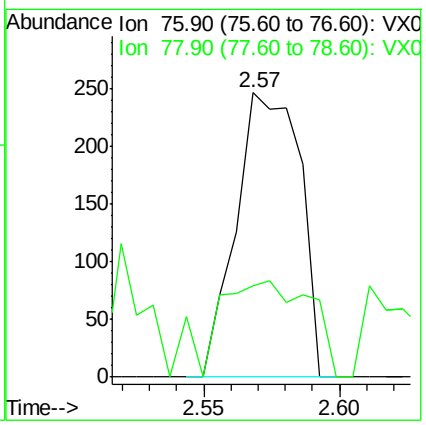


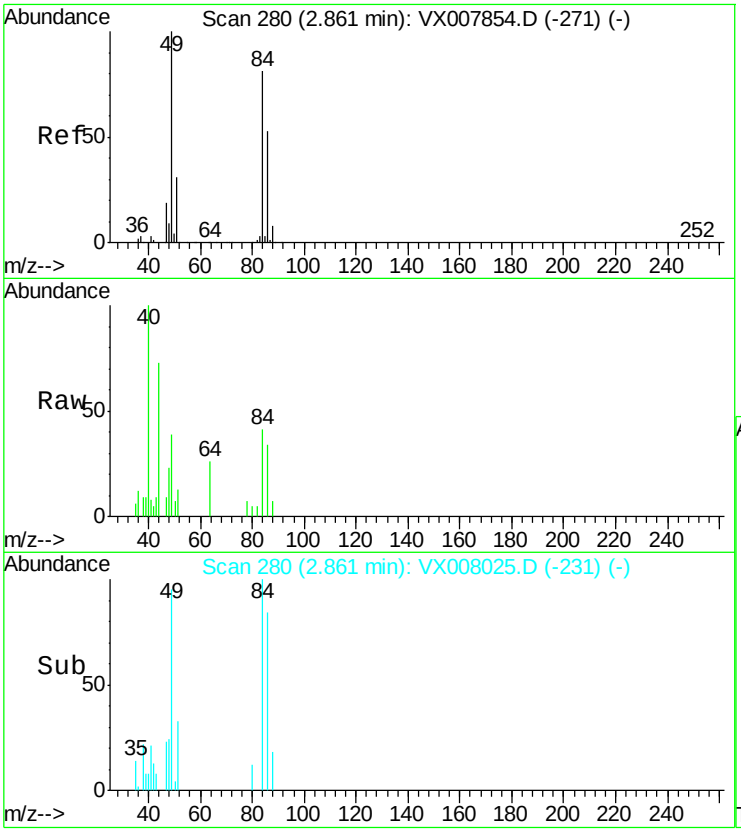


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 76 Resp: 399

Ion	Ratio	Lower	Upper
76	100		
78	32.1	7.2	10.8#



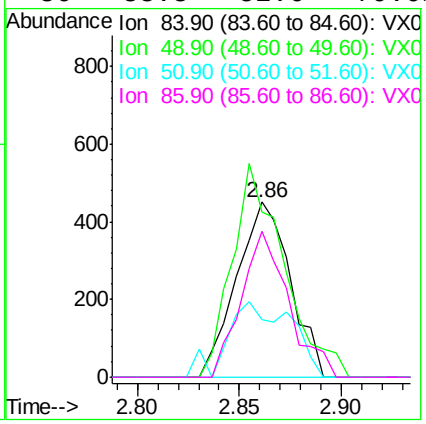


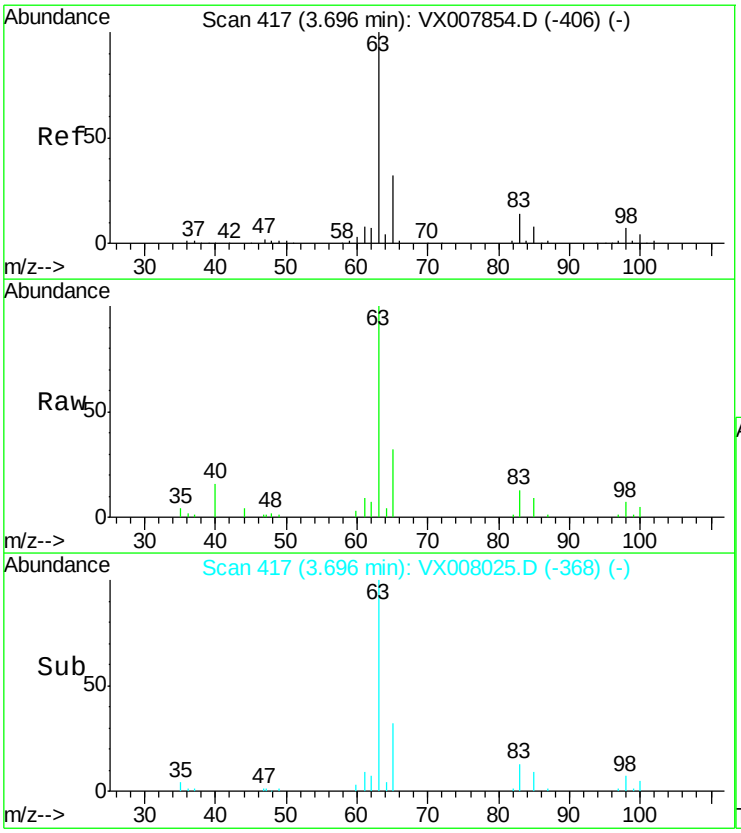
#20
Methylene Chloride
Concen: 0.339 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument : MSVOA_X
ClientSampleId : RE108D2-20190306

Tgt Ion: 84 Resp: 823

Ion	Ratio	Lower	Upper
84	100		
49	94.7	99.3	148.9#
51	32.7	31.3	46.9
86	83.8	52.6	79.0#

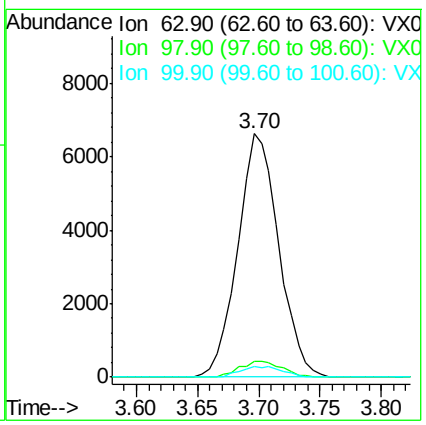


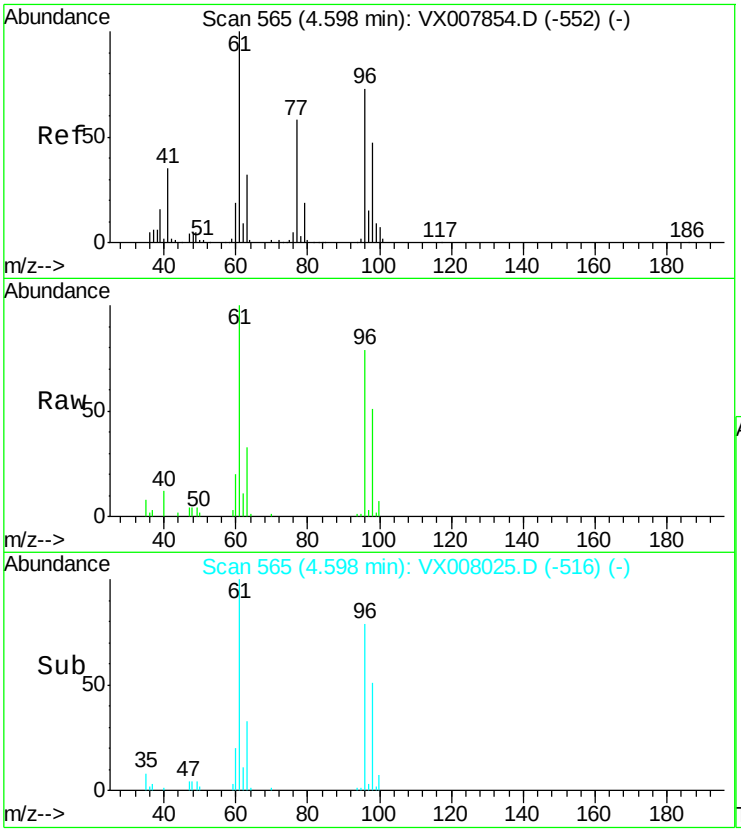


#24
1,1-Dichloroethane
Concen: 3.505 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 63 Resp: 15436

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.8
100	4.6	2.3	6.8



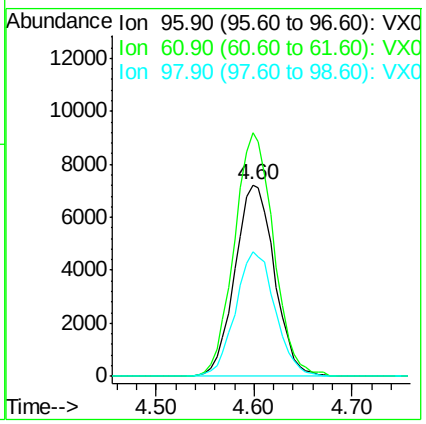


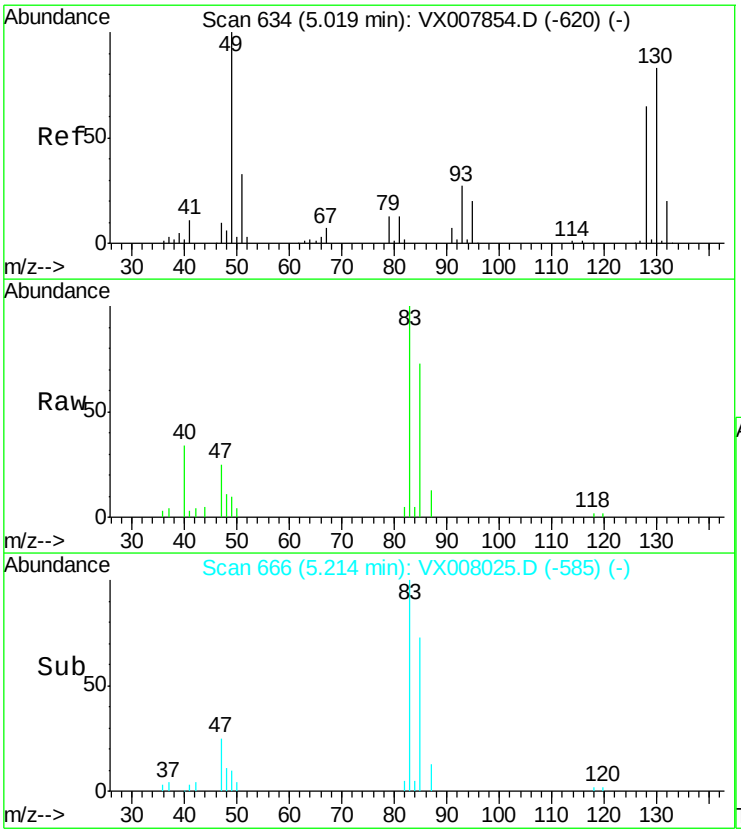
#27
cis-1,2-Dichloroethene
Concen: 7.541 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 96 Resp: 20174

Ion	Ratio	Lower	Upper
96	100		
61	127.0	0.0	288.0
98	65.4	0.0	129.0

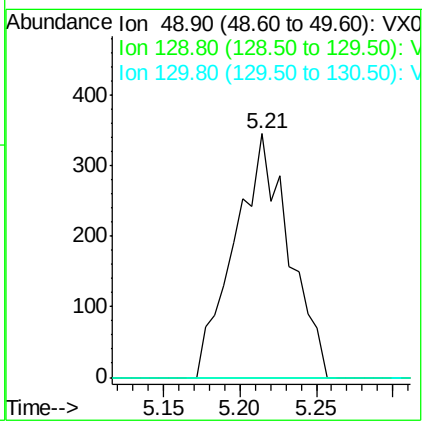


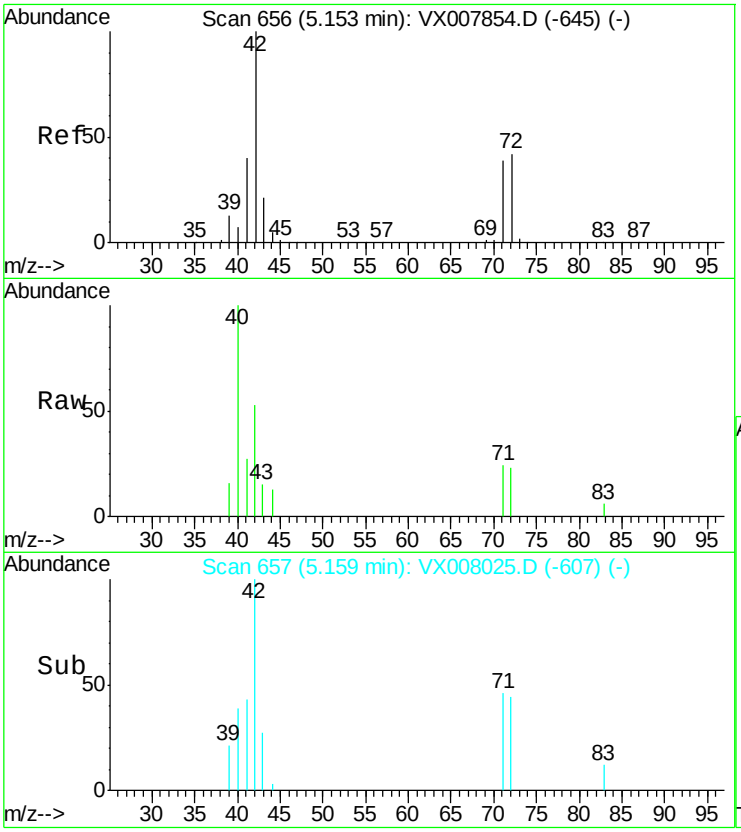


#28
Bromochloromethane
Concen: 0.413 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 49 Resp: 848

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	65.0	97.4#



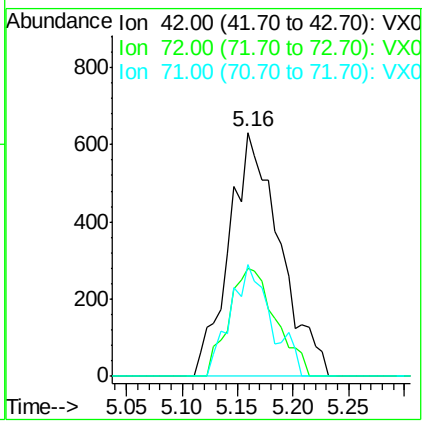


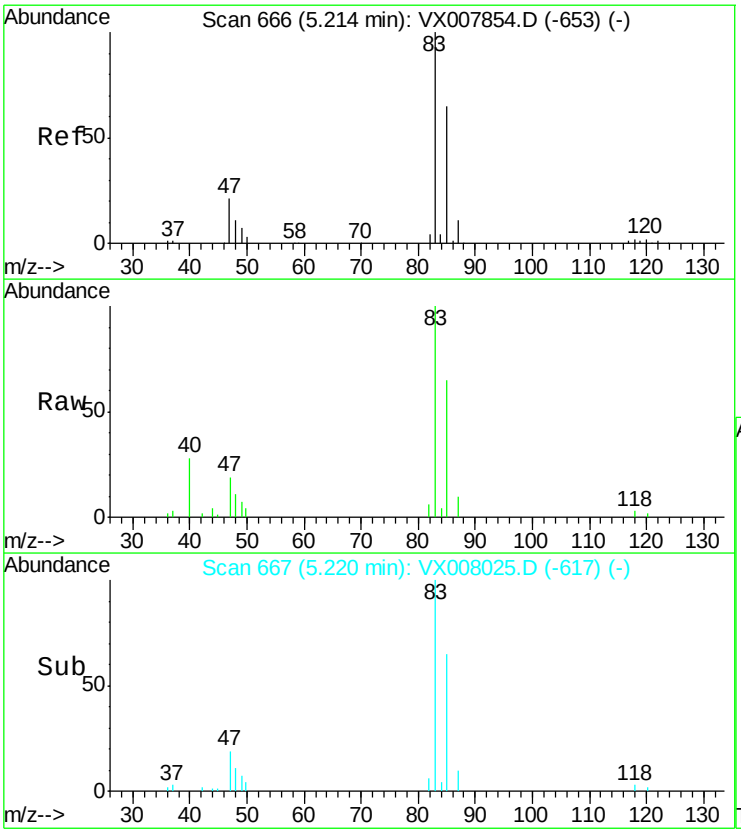
#29
Tetrahydrofuran
Concen: 1.489 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 42 Resp: 2005

Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.8	50.6
71	36.8	31.5	47.3

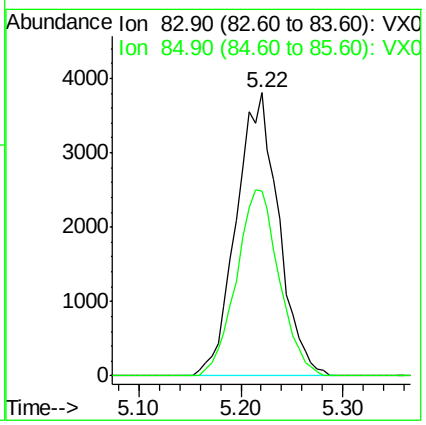


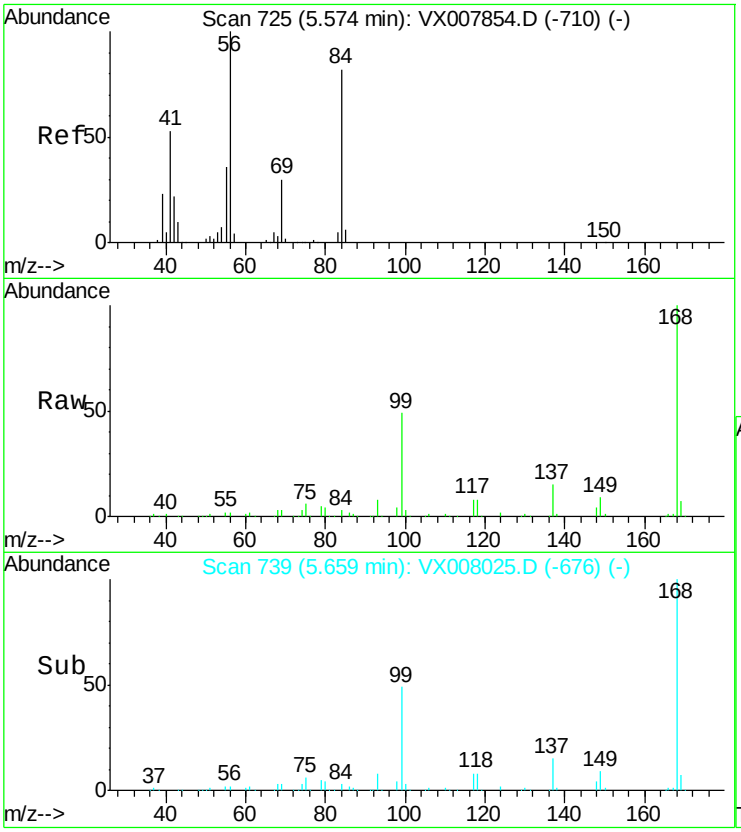


#30
Chloroform
Concen: 2.636 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 83 Resp: 10982

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.6



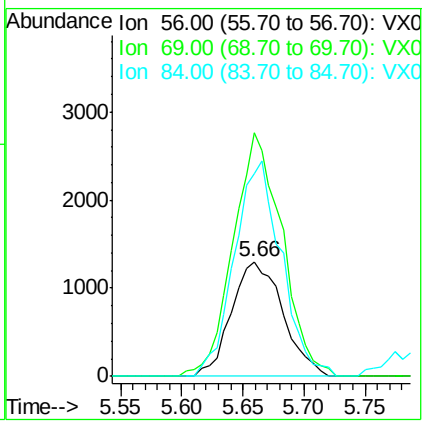


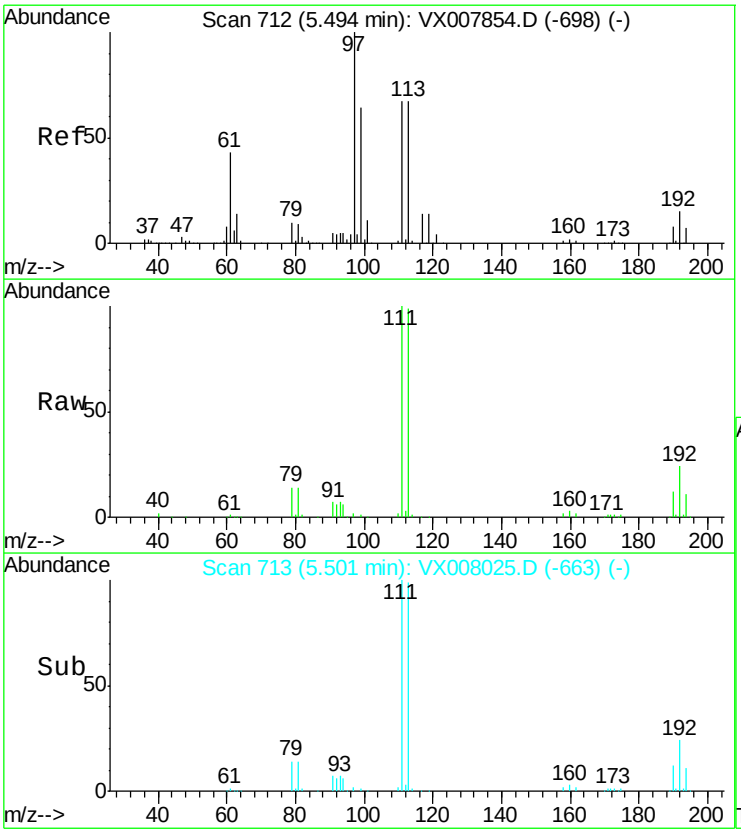
#31
Cyclohexane
Concen: 0.939 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument : MSVOA_X
ClientSampleId : RE108D2-20190306

Tgt Ion: 56 Resp: 3803

Ion	Ratio	Lower	Upper
56	100		
69	212.3	24.0	36.0#
84	176.2	65.3	97.9#

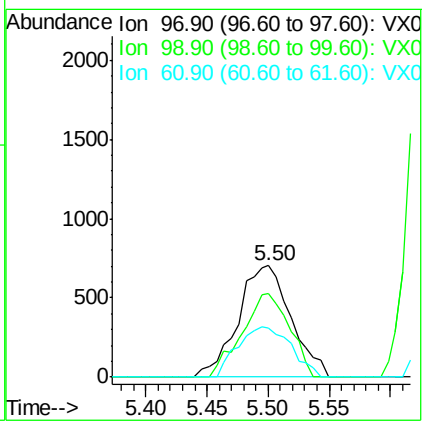


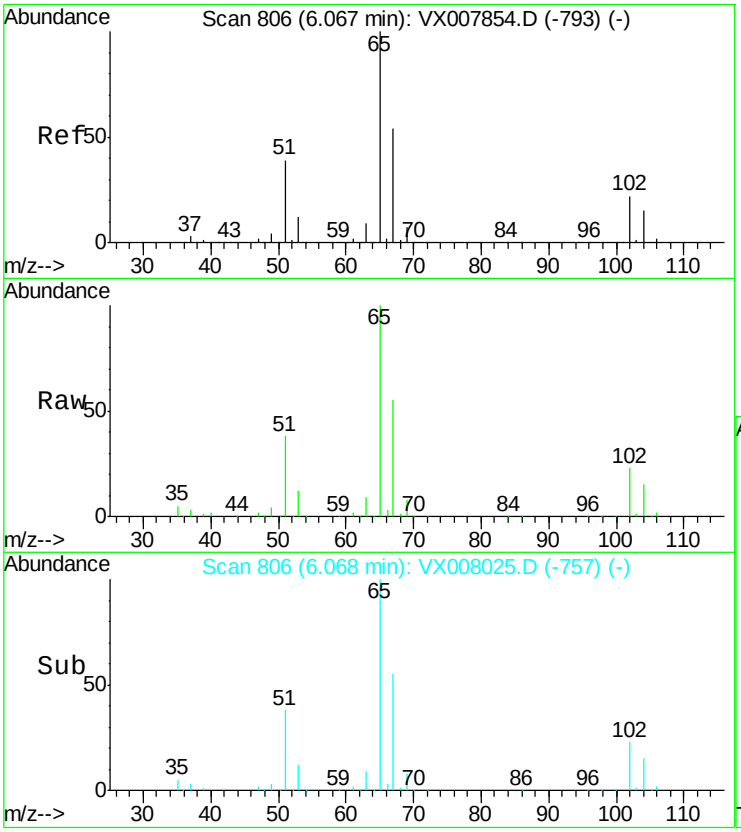


#32
1,1,1-Trichloroethane
Concen: 0.612 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 97 Resp: 2115

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	45.3	34.9	52.3



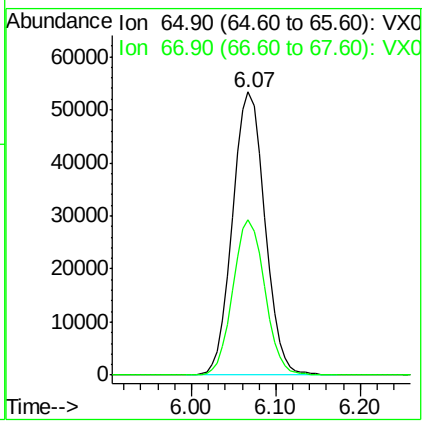


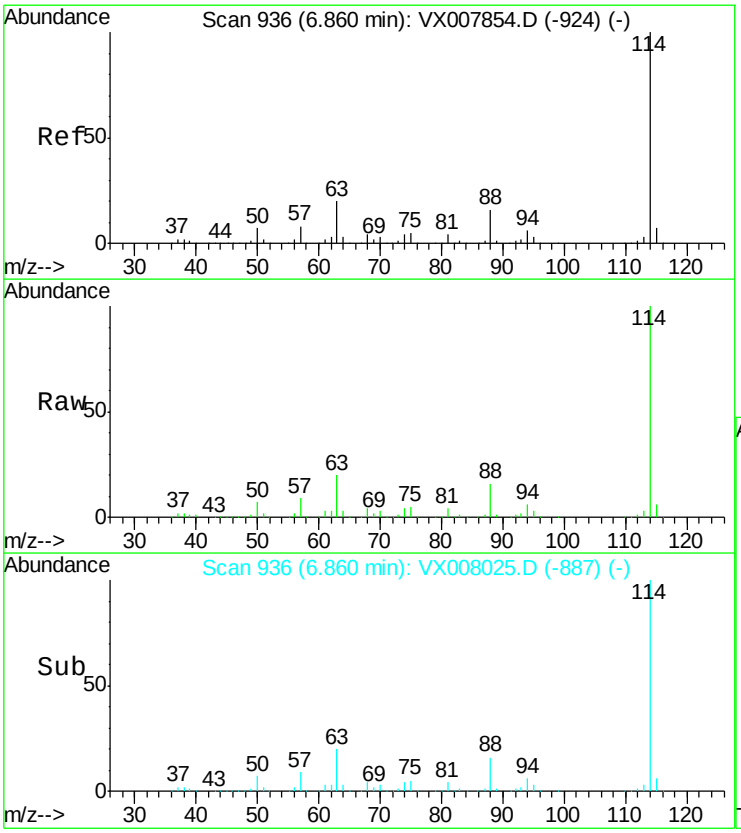
#33
1,2-Dichloroethane-d4
Concen: 52.603 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 65 Resp: 138584

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.0

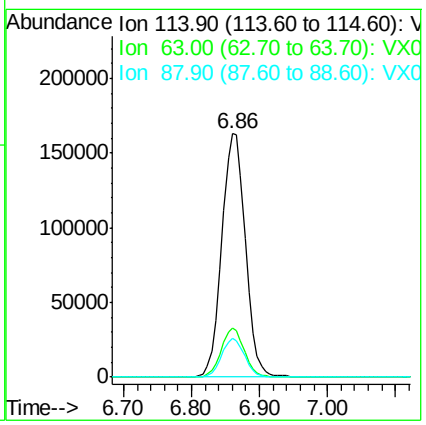


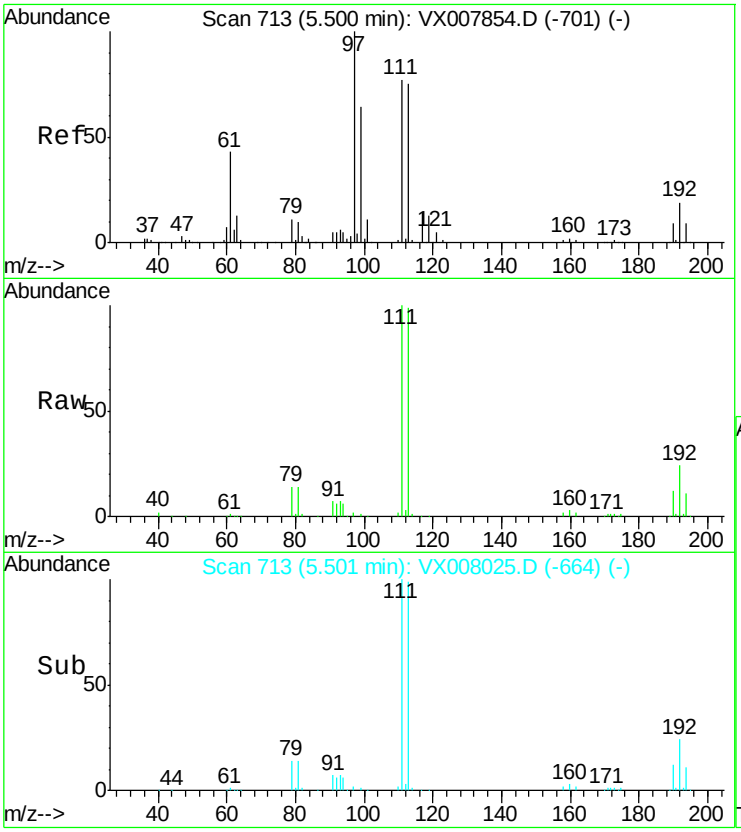


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion:114 Resp: 391264

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.9	0.0	31.4



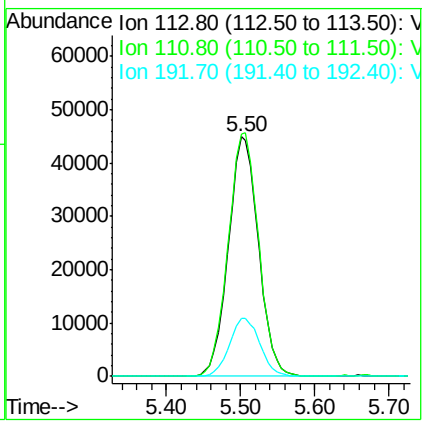


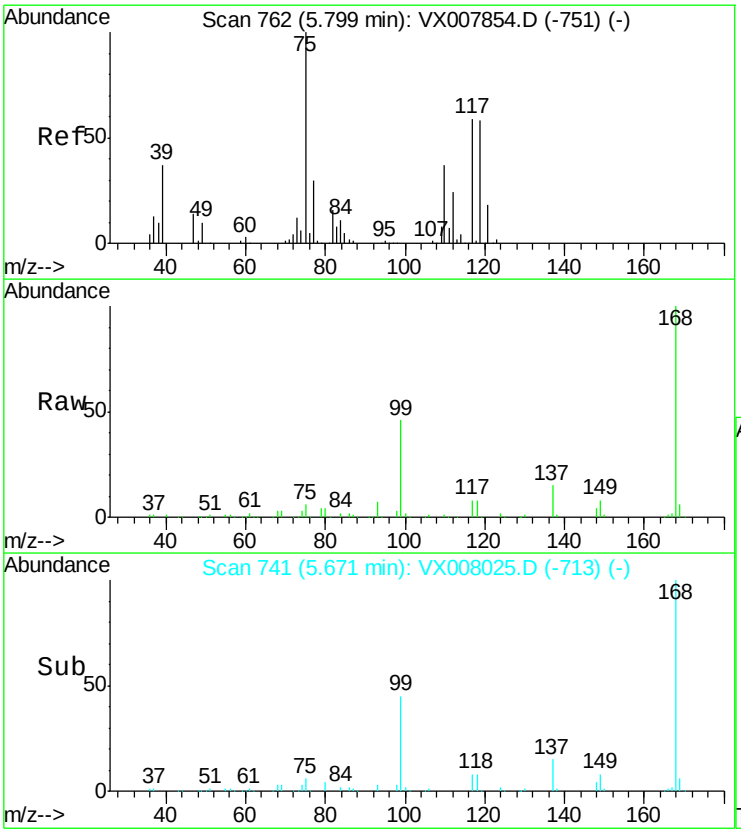
#35
Dibromofluoromethane
Concen: 50.839 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:113 Resp: 127240

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.5	19.4	29.0

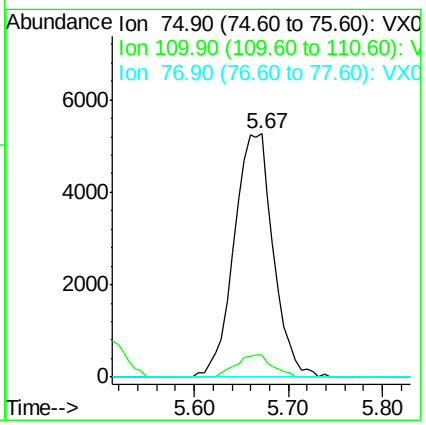


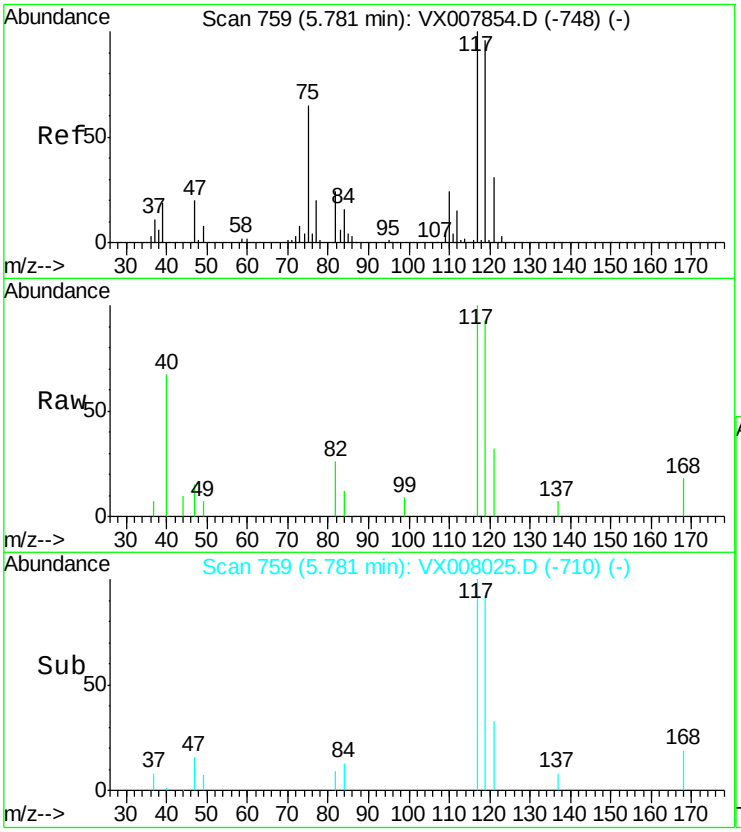


#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 75 Resp: 15261

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.4	55.0#
77	0.0	25.0	37.4#



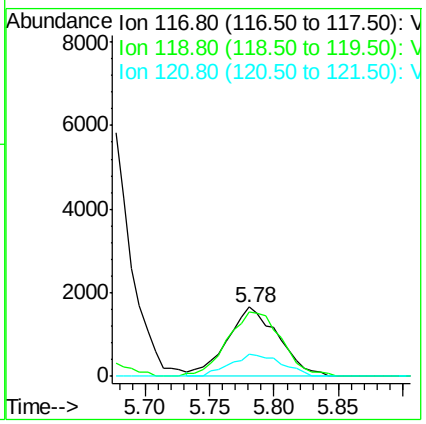


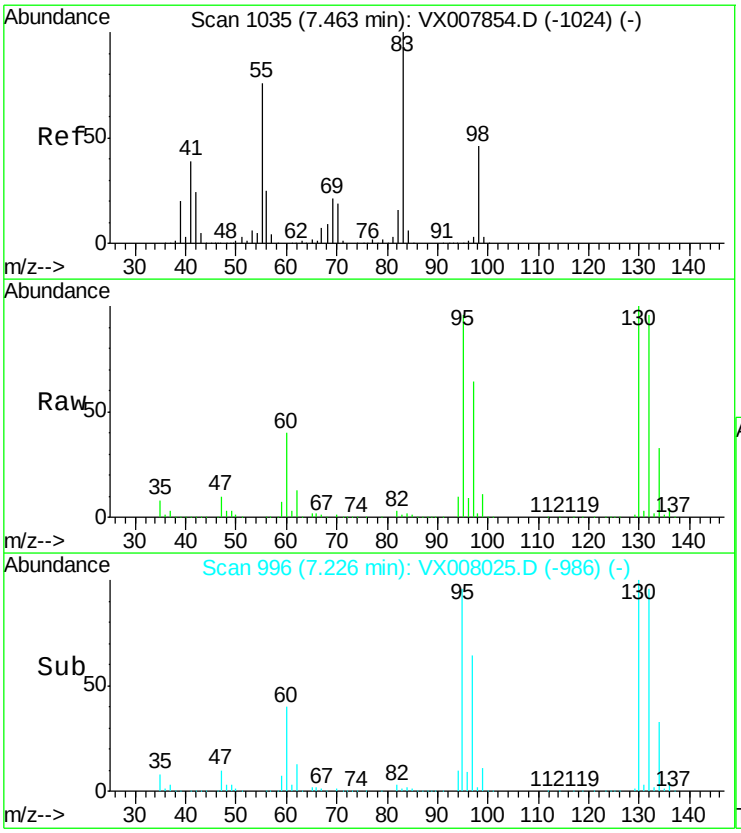
#38
Carbon Tetrachloride
Concen: 1.361 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:117 Resp: 4576

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.2
121	31.8	24.6	36.8

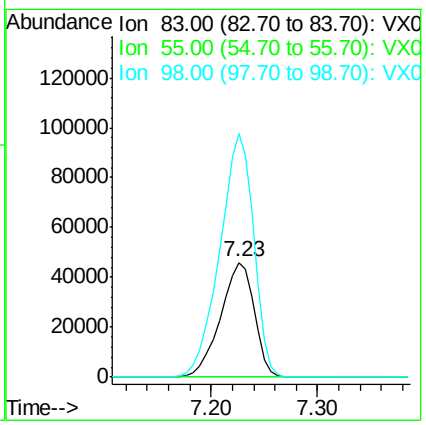


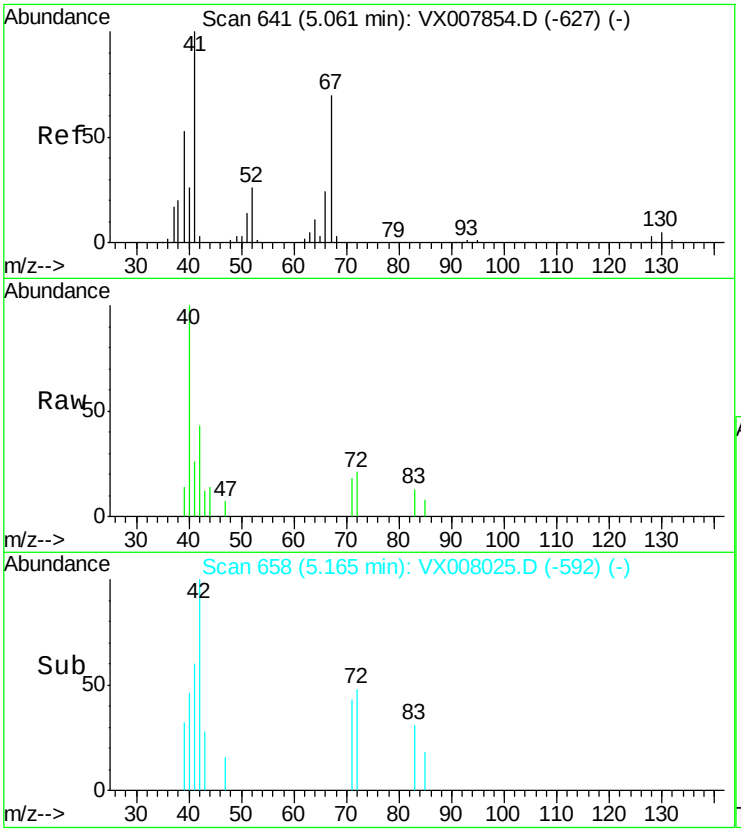


#39
Methylcyclohexane
Concen: 23.536 ug/l
RT: 7.23 min Scan# 996
Delta R.T. -0.24 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 83 Resp: 101037

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	212.8	36.5	54.7#



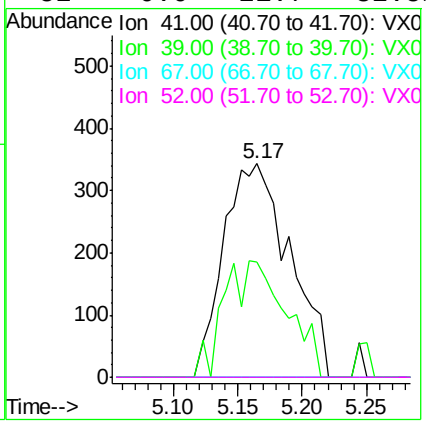


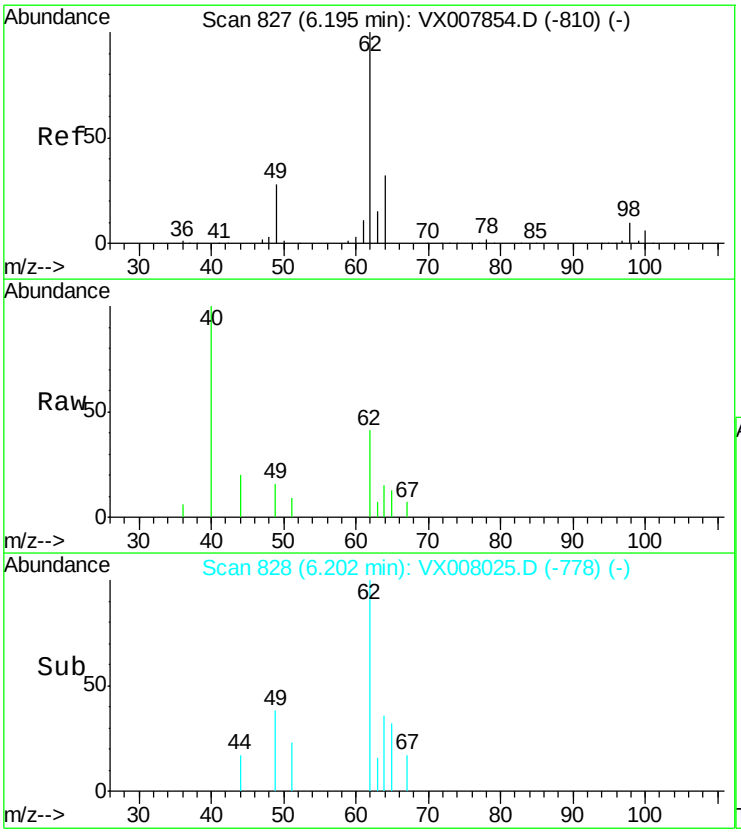
#41
Methacrylonitrile
Concen: 0.535 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 41 Resp: 1227

Ion	Ratio	Lower	Upper
41	100		
39	33.3	41.6	62.4#
67	0.0	55.8	83.6#
52	0.0	21.7	32.5#

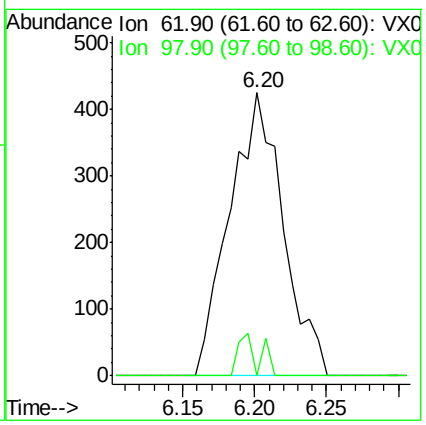


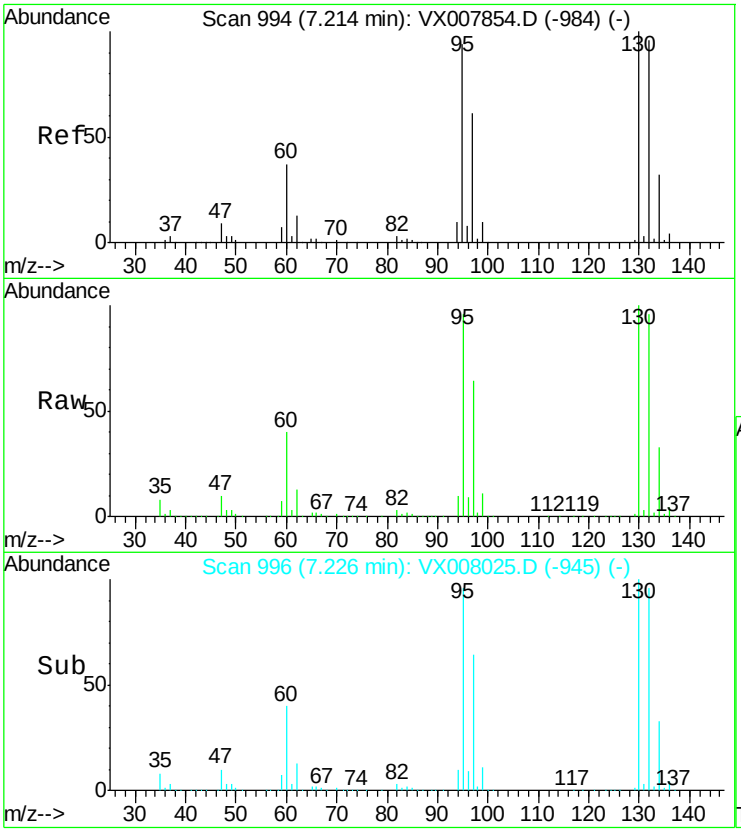


#42
1,2-Dichloroethane
Concen: 0.317 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 62 Resp: 1094

Ion	Ratio	Lower	Upper
62	100		
98	5.8	0.0	20.4



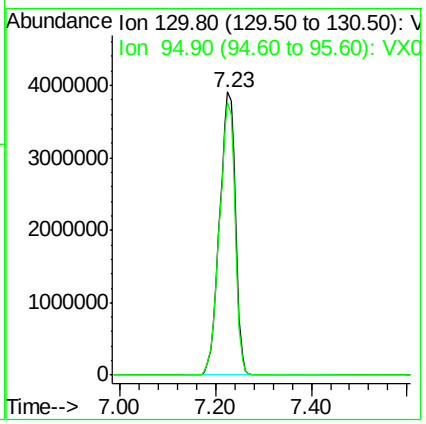


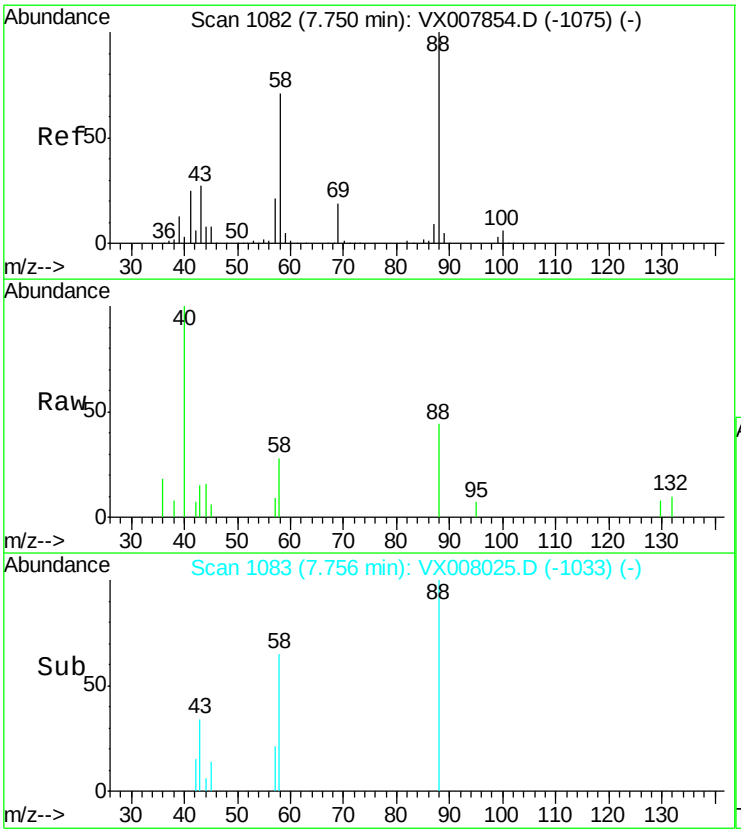
#44
Trichloroethene
Concen: 3080.338 ug/l
RT: 7.23 min Scan# 996
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:130 Resp: 8953308

Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	188.0

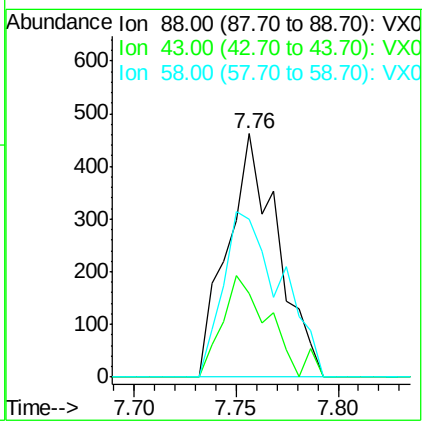


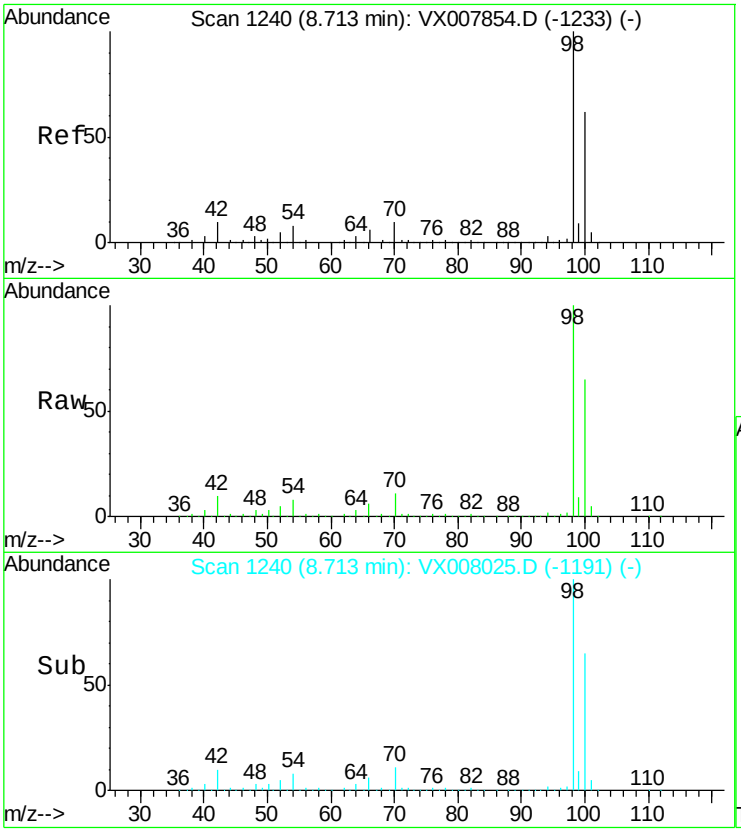


#49
1,4-Dioxane
Concen: 11.756 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 88 Resp: 790

Ion	Ratio	Lower	Upper
88	100		
43	39.4	25.1	37.7#
58	77.7	57.8	86.6



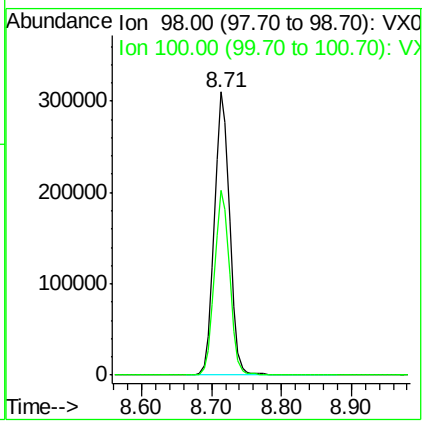


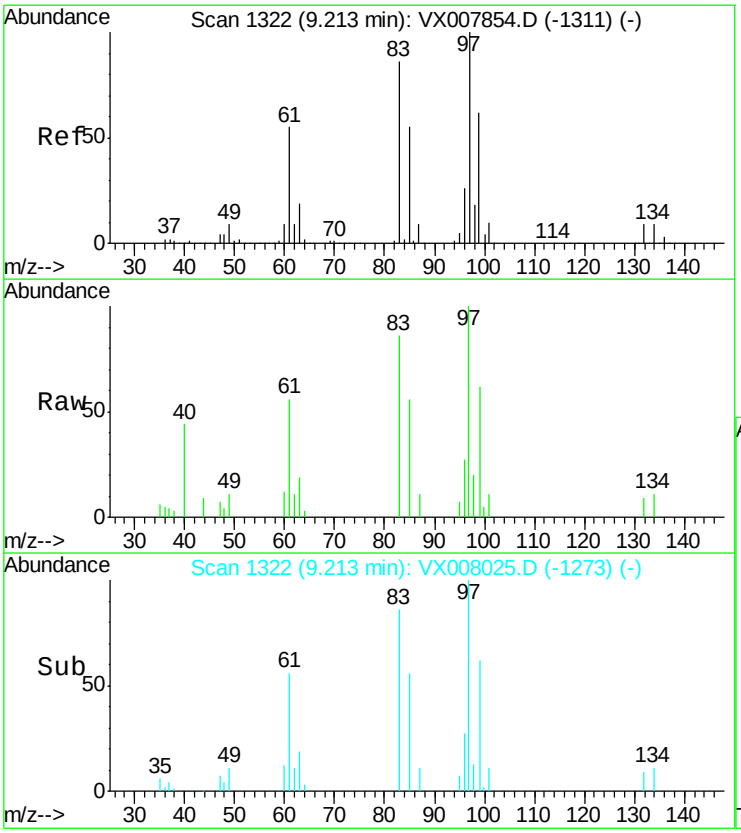
#50
Toluene-d8
Concen: 51.477 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 98 Resp: 473158

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.7	77.5

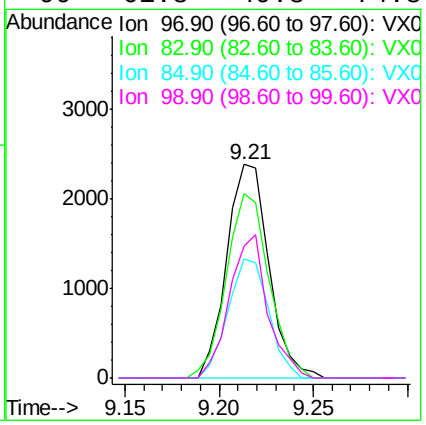


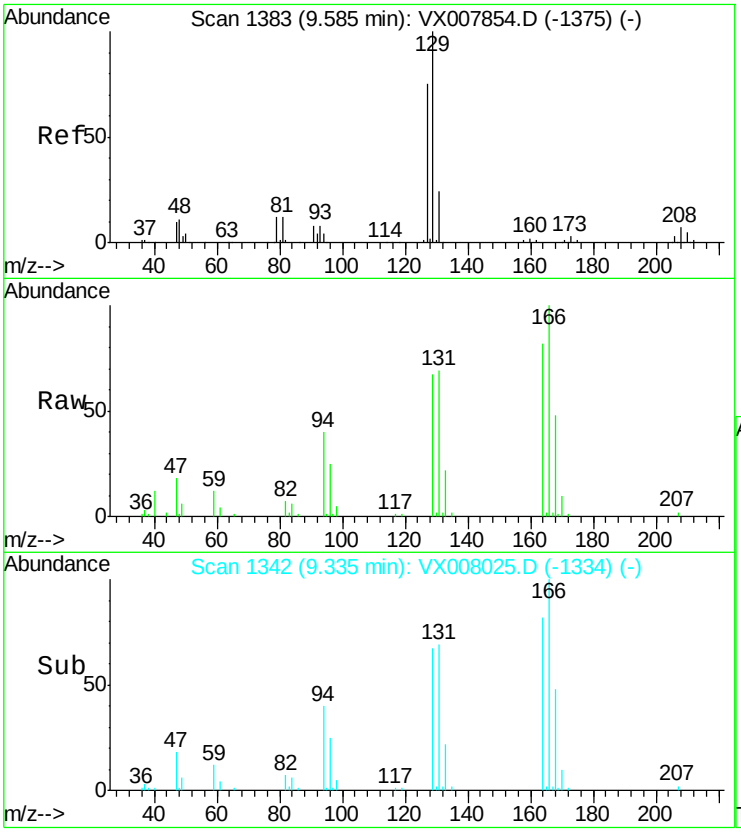


#55
1,1,2-Trichloroethane
Concen: 1.424 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 97 Resp: 3712

Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.1	103.7
85	55.9	44.3	66.5
99	61.8	49.8	74.8



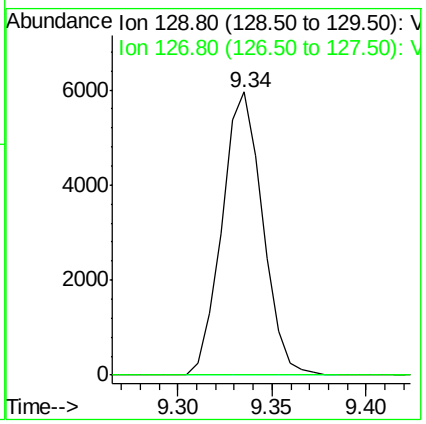


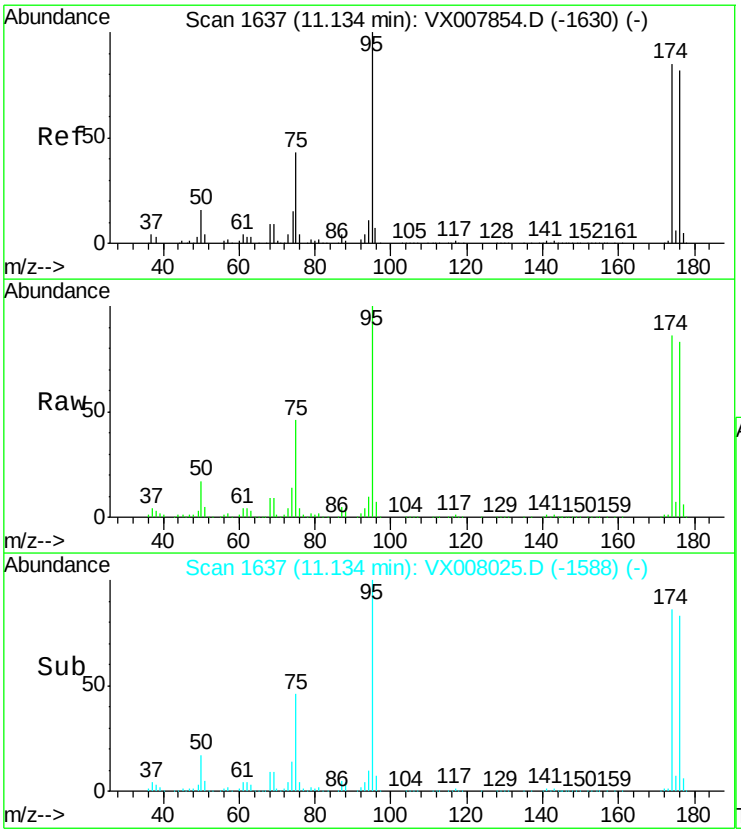
#60
Dibromochloromethane
Concen: 3.262 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:129 Resp: 8889

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#

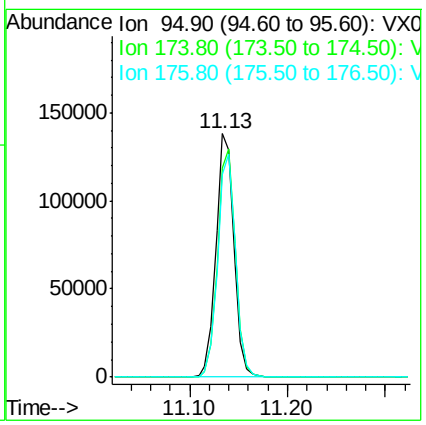


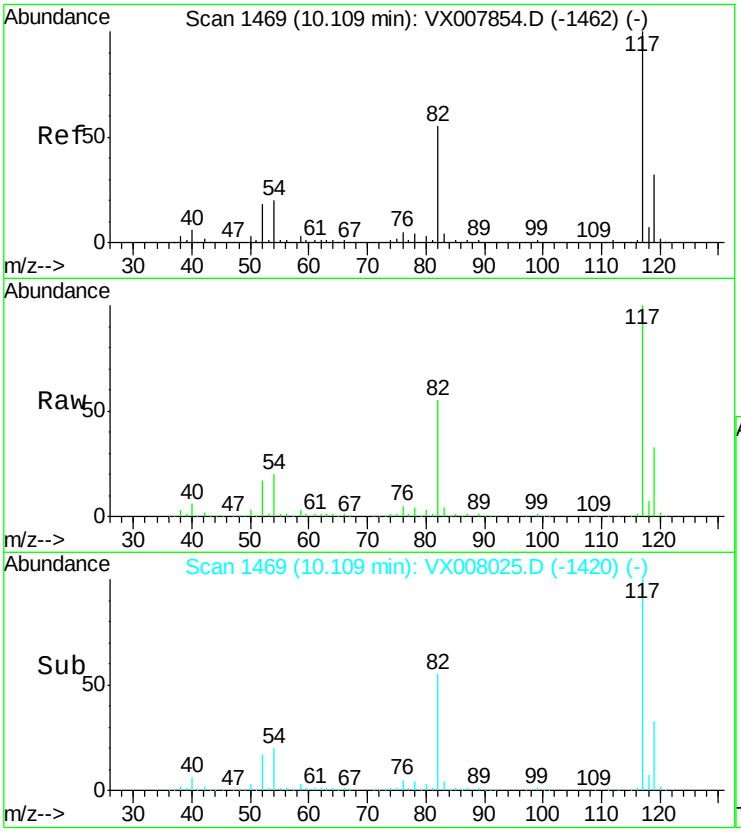


#62
4-Bromofluorobenzene
Concen: 54.432 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 95 Resp: 175412

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.8
176	90.8	0.0	178.0



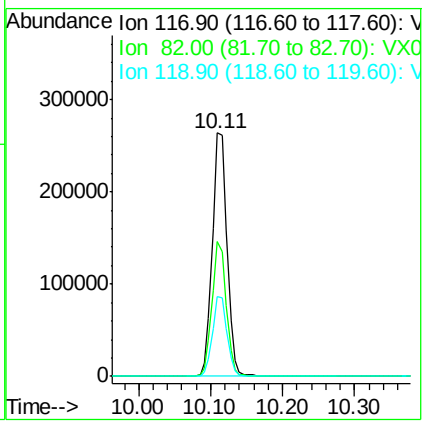


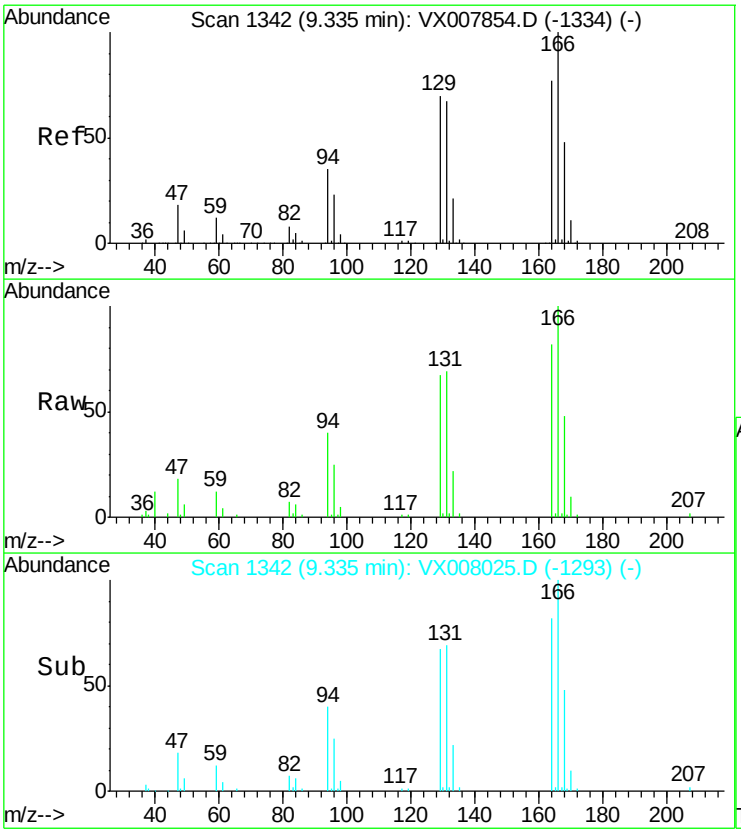
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument : MSVOA_X
ClientSampleId : RE108D2-20190306

Tgt Ion:117 Resp: 372795

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.6	25.3	37.9

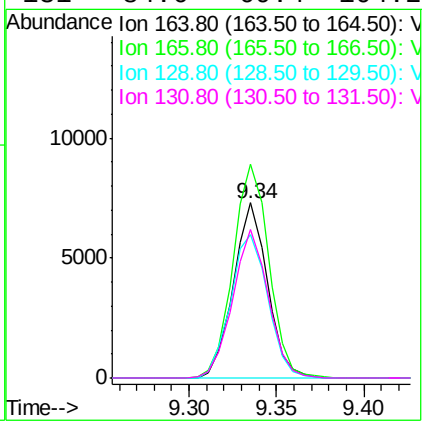


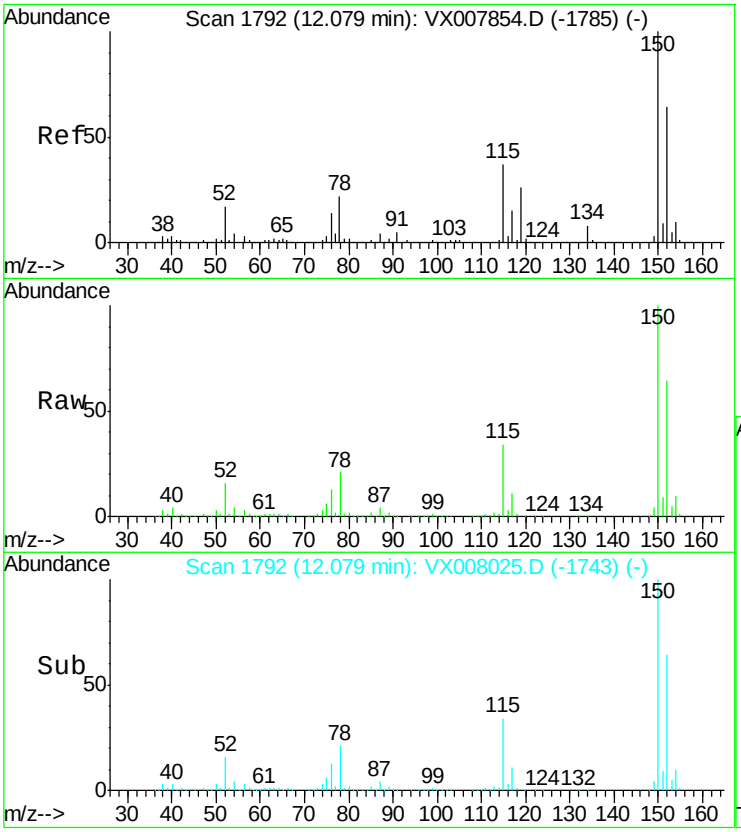


#64
Tetrachloroethene
Concen: 3.215 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion:164 Resp: 9933

Ion	Ratio	Lower	Upper
164	100		
166	122.1	103.4	155.0
129	81.7	72.2	108.4
131	84.6	69.4	104.2



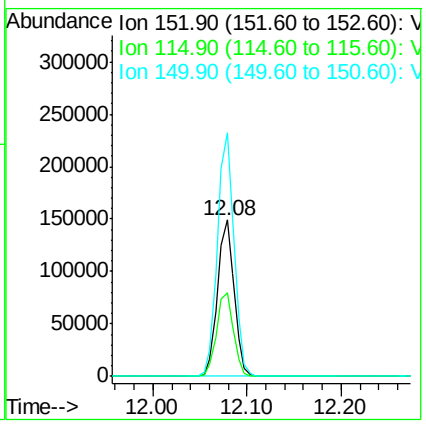


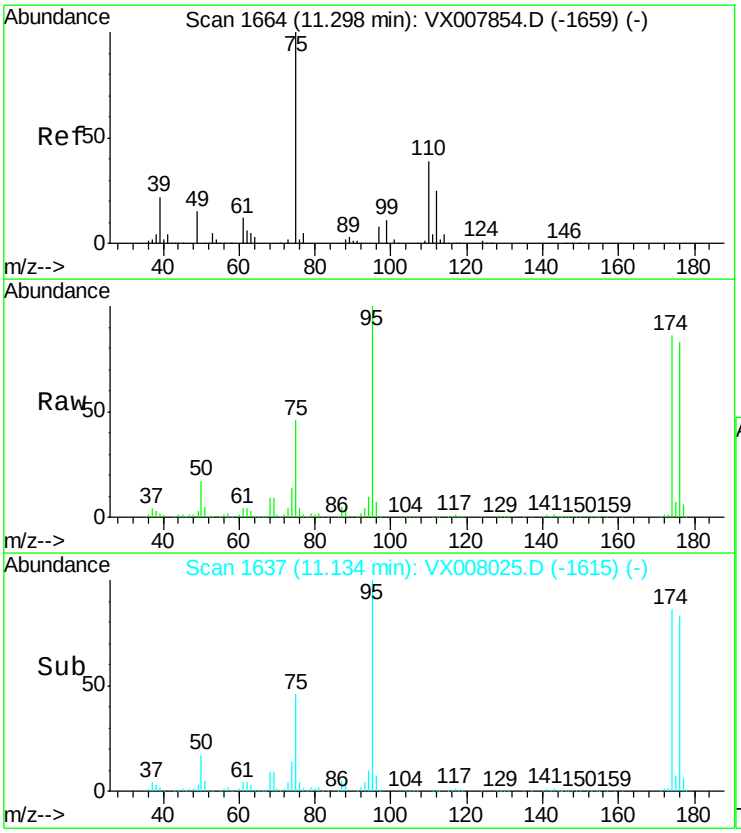
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion:152 Resp: 183111

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.6	115.7
150	155.8	0.0	348.4

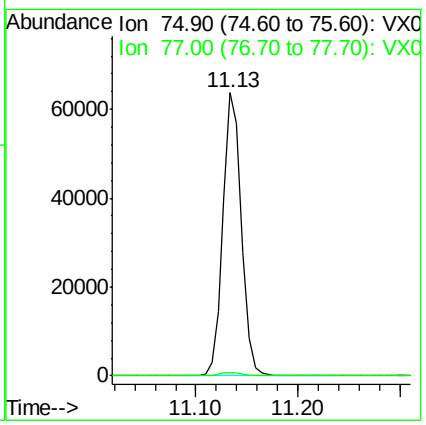


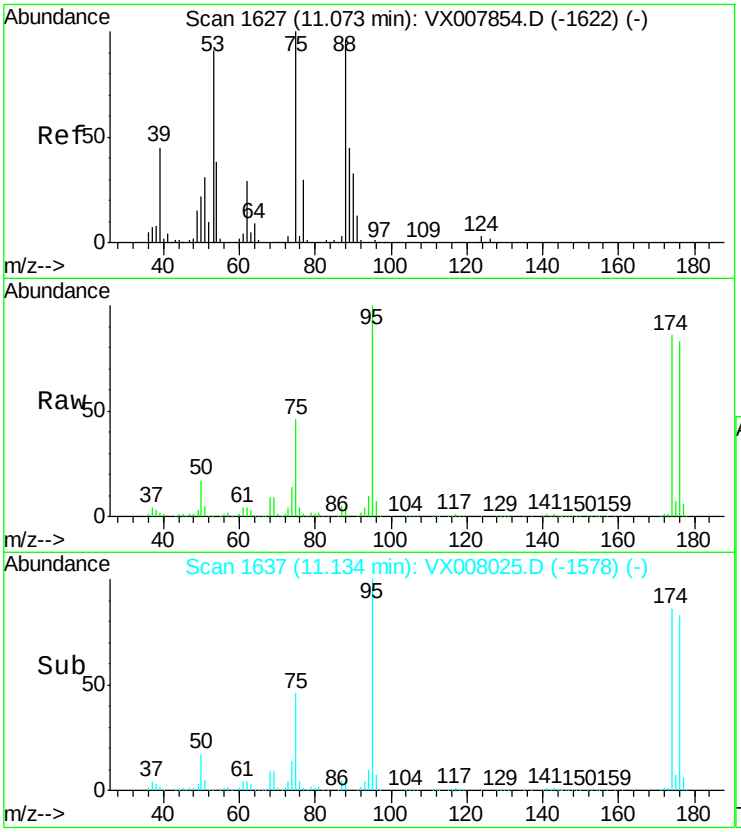


#76
1,2,3-Trichloropropane
Concen: 20.842 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Tgt Ion: 75 Resp: 80086

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.623 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008025.D
Acq: 12 Mar 2019 19:14

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20190306

Tgt Ion: 75 Resp: 80086

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.3	54.5#