Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
Data File : VX008197.D
Acq On : 19 Mar 2019 18:05
Operator : JC/SP
Sample : K1860-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 20 07:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	348275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	558182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	477935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	238118	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.80%			
35) Dibromofluoromethane	5.50	113	176209	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
50) Toluene-d8	8.71	98	692130	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.72%			
62) 4-Bromofluorobenzene	11.13	95	224180	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	947	0.224	ug/l	90
7) Trichlorofluoromethane	1.93	101	1903	0.282	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46769	10.449	ug/l	91
11) Tert butyl alcohol	3.04	59	434	0.387	ug/l #	1
12) 1,1-Dichloroethene	2.38	96	23628	5.591	ug/l	90
13) Acrolein	2.31	56	76	Below Cal	#	60
16) Acetone	2.45	43	3384	1.137	ug/l #	87
17) Carbon Disulfide	2.57	76	1284	0.767	ug/l #	79
20) Methylene Chloride	2.87	84	1385	0.279	ug/l	86
24) 1,1-Dichloroethane	3.70	63	9406	1.015	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	11519	2.213	ug/l	95
29) Tetrahydrofuran	5.15	42	1612	0.587	ug/l #	61
30) Chloroform	5.21	83	3417	0.394	ug/l	86
32) 1,1,1-Trichloroethane	5.50	97	3185	0.442	ug/l #	45
36) 1,1-Dichloropropene	5.66	75	29423	4.528	ug/l #	49
38) Carbon Tetrachloride	5.80	117	2203	0.380	ug/l #	82
39) Methylcyclohexane	7.22	83	42723	5.463	ug/l #	1
42) 1,2-Dichloroethane	6.21	62	1807	0.256	ug/l	95
44) Trichloroethene	7.22	130	3299041	701.459	ug/l	90
49) 1,4-Dioxane	7.74	88	2593	22.443	ug/l	94
53) t-1,3-Dichloropropene	9.05	75	196	1.447	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	2801	0.608	ug/l	95
56) Ethyl methacrylate	9.18	69	216	0.552	ug/l #	73
60) Dibromochloromethane	9.33	129	9923	2.239	ug/l #	12
64) Tetrachloroethene	9.33	164	10421	2.417	ug/l	96
71) Bromoform	10.84	173	83	2.225	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	117790	21.564	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	117790	54.830	ug/l #	11

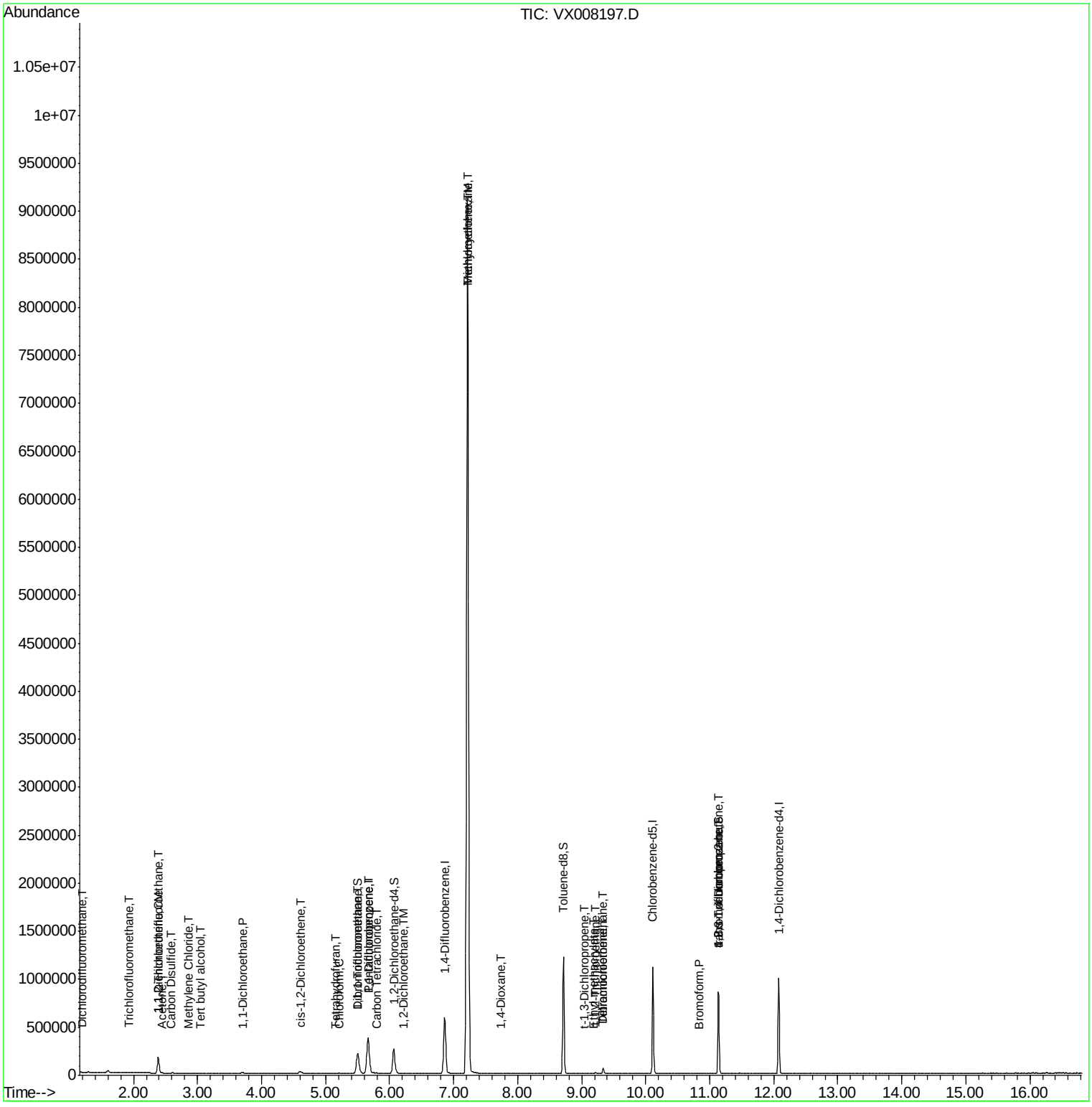
(#) = qualifier out of range (m) = manual integration (+) = signals summed

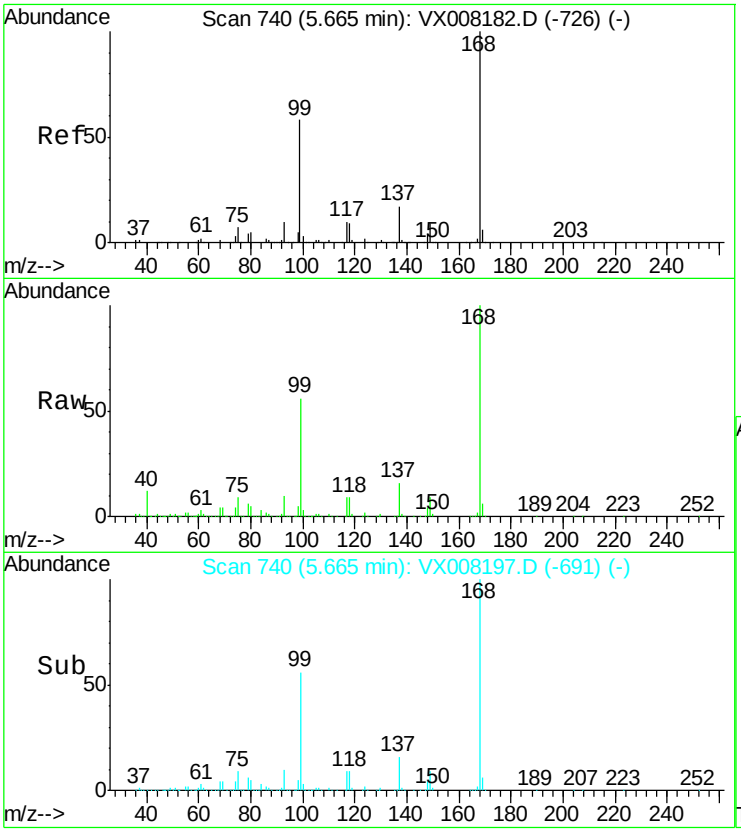
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031919\
Data File : VX008197.D
Acq On : 19 Mar 2019 18:05
Operator : JC/SP
Sample : K1860-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 20 07:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration



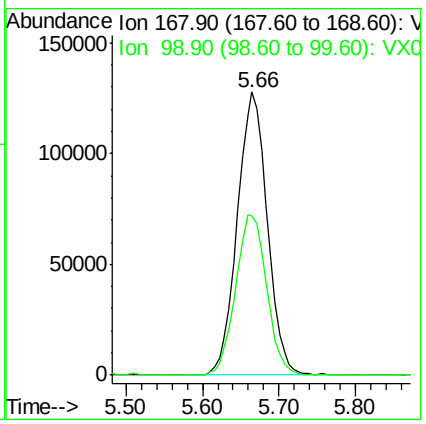


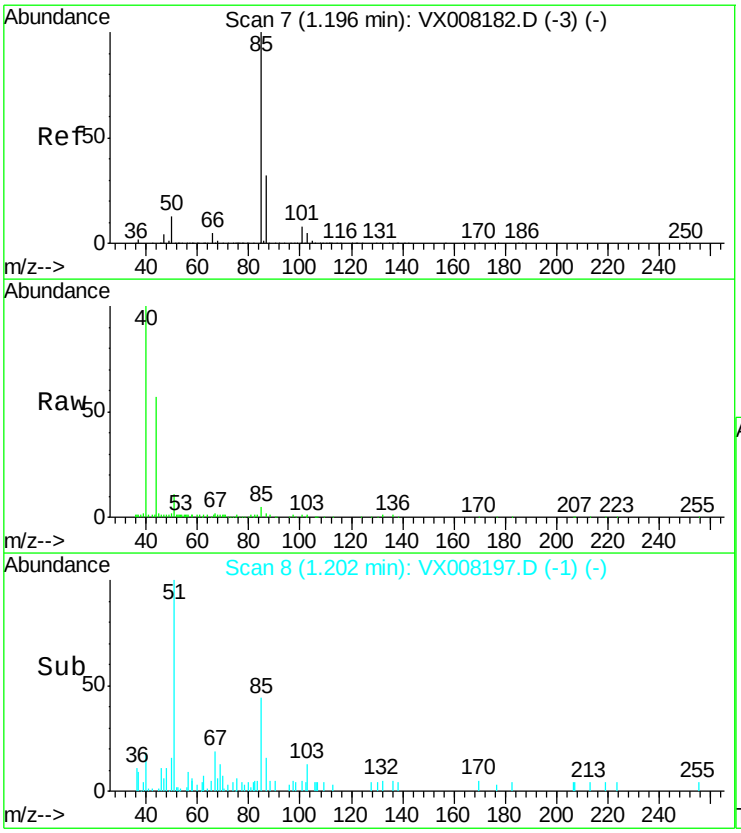
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 348275

Ion	Ratio	Lower	Upper
168	100		
99	56.3	37.6	56.4

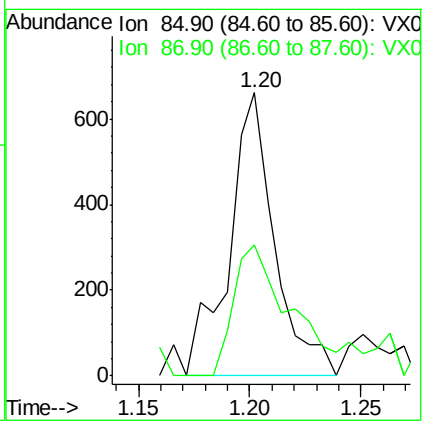


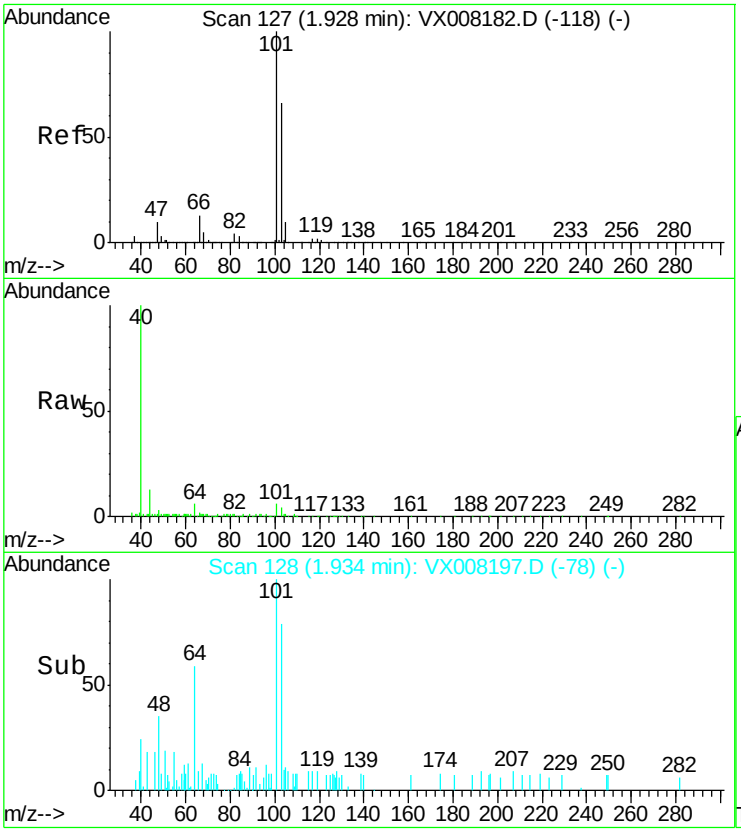


#2
Dichlorodifluoromethane
Concen: 0.224 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 85 Resp: 947

Ion	Ratio	Lower	Upper
85	100		
87	38.1	16.4	49.1



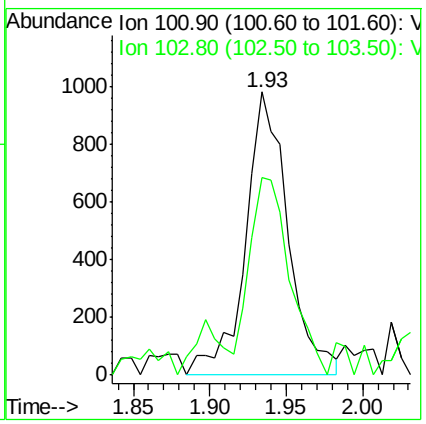


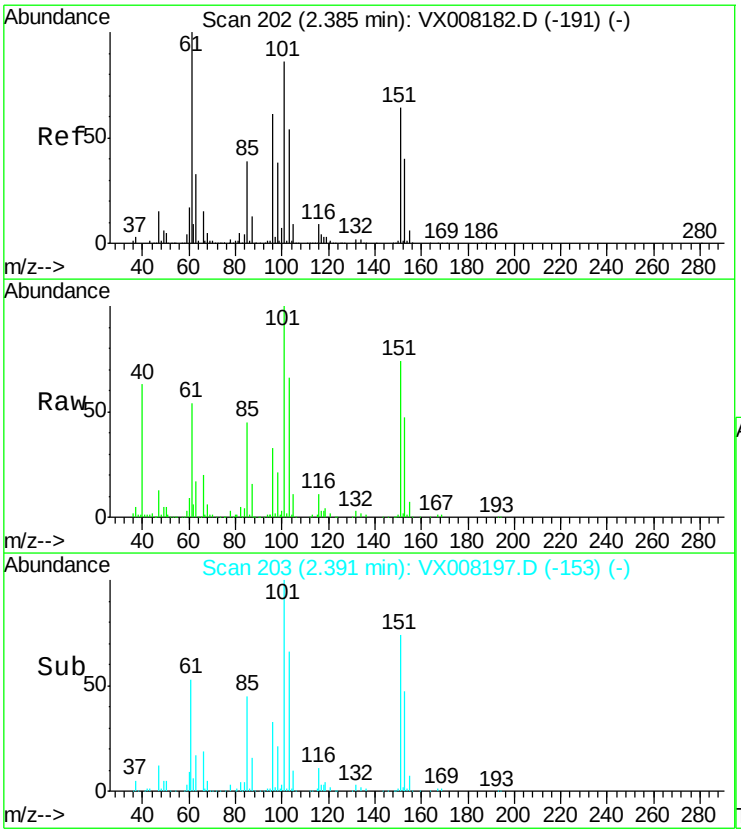
#7
Trichlorofluoromethane
Concen: 0.282 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 1903

Ion	Ratio	Lower	Upper
101	100		
103	66.8	50.4	75.6

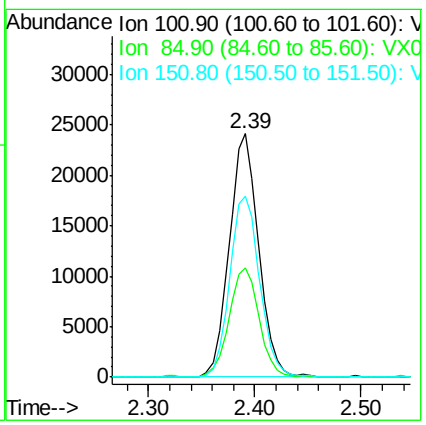


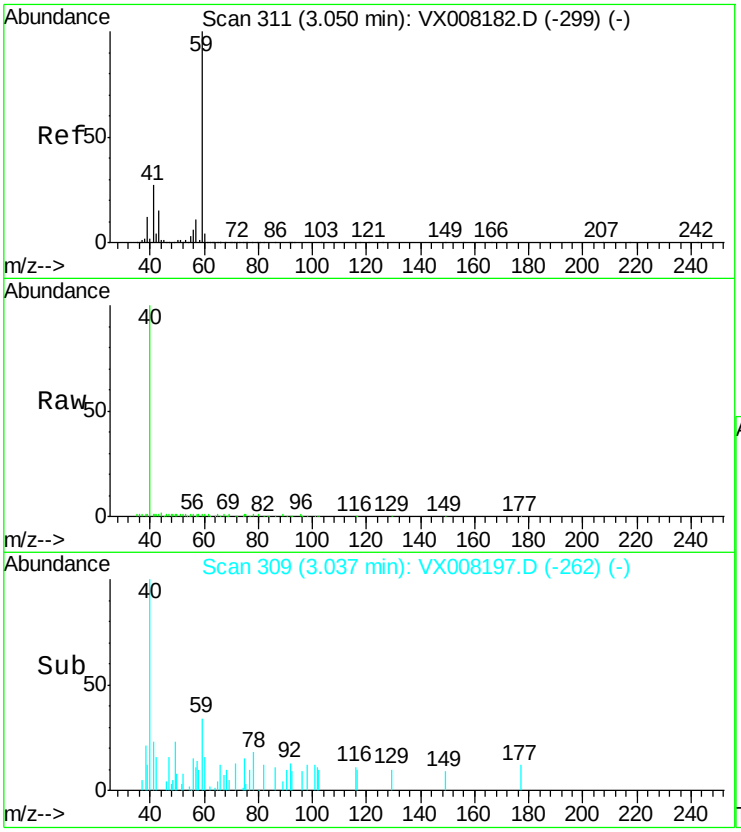


#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.449 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion:101 Resp: 46769

Ion	Ratio	Lower	Upper
101	100		
85	45.8	33.8	50.6
151	76.0	69.1	103.7



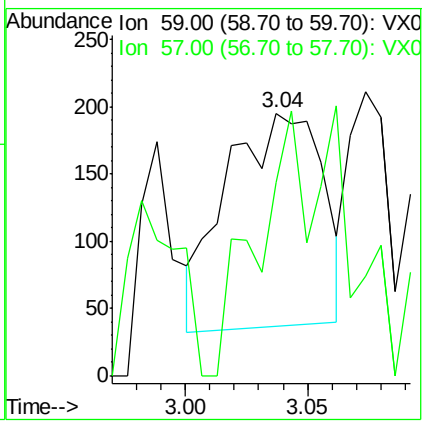


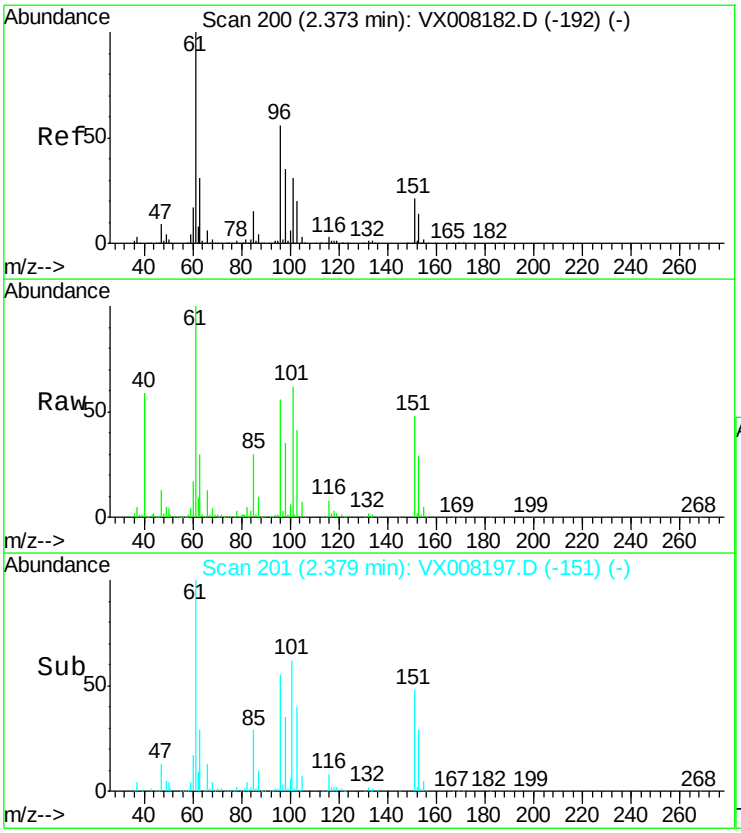
#11
Tert butyl alcohol
Concen: 0.387 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 434

Ion	Ratio	Lower	Upper
59	100		
57	60.6	8.2	12.2#

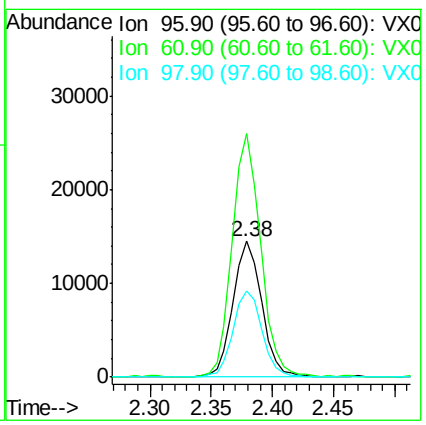


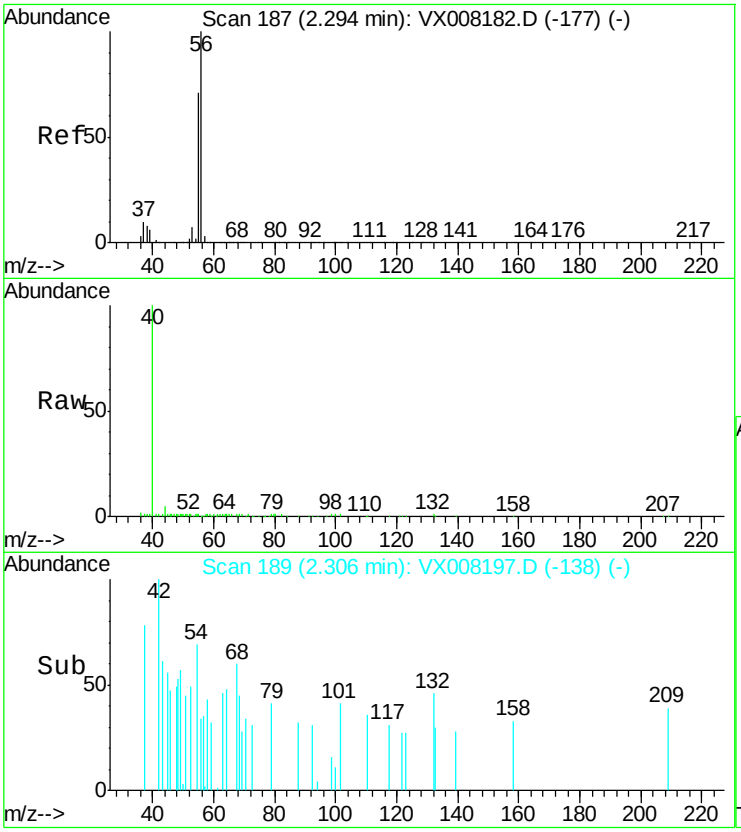


#12
1,1-Dichloroethene
Concen: 5.591 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 96 Resp: 23628

Ion	Ratio	Lower	Upper
96	100		
61	179.6	129.8	194.6
98	63.3	51.0	76.6



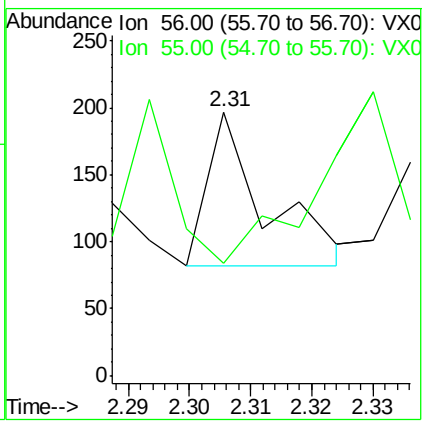


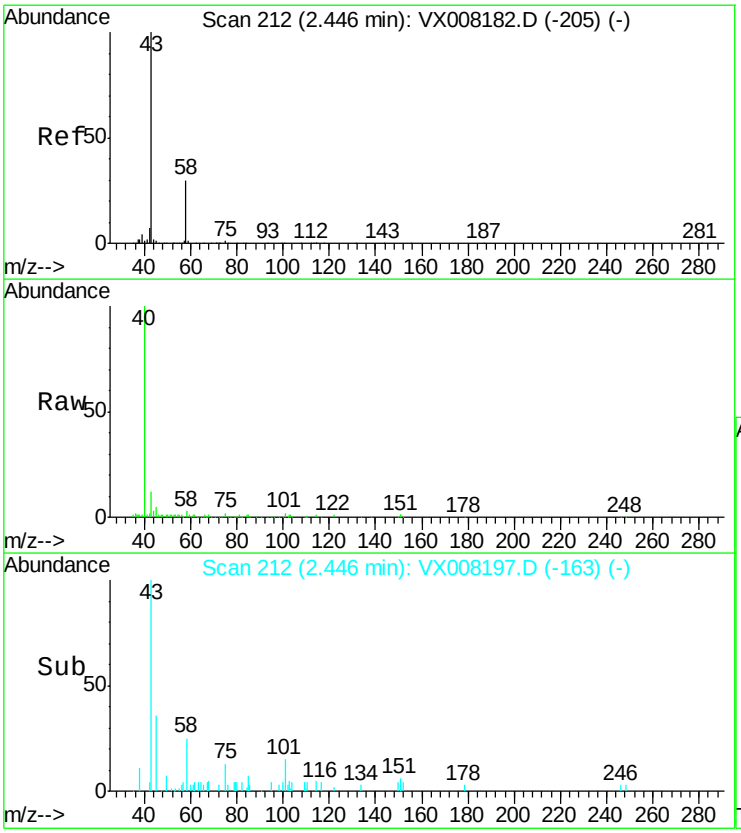
#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 76

Ion	Ratio	Lower	Upper
56	100		
55	105.3	57.8	86.6#

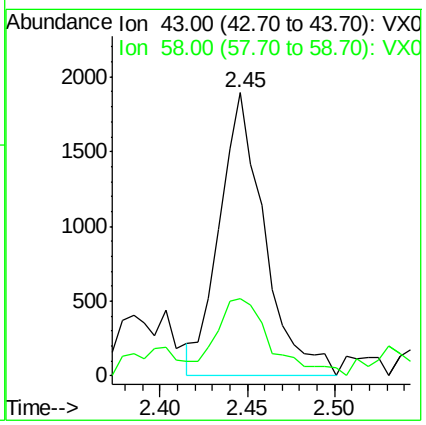


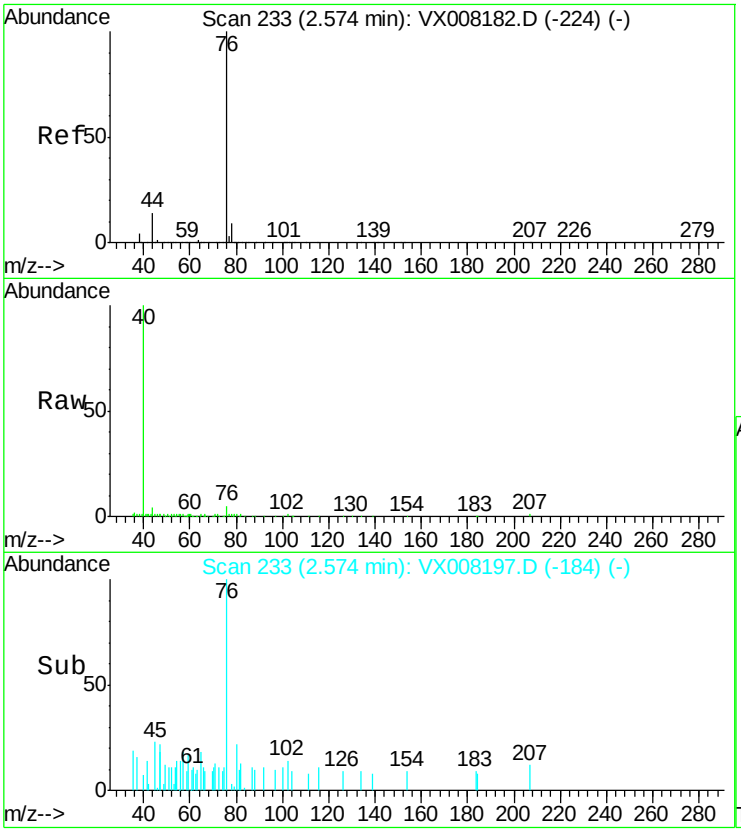


#16
Acetone
Concen: 1.137 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 43 Resp: 3384

Ion	Ratio	Lower	Upper
43	100		
58	24.4	25.5	38.3#



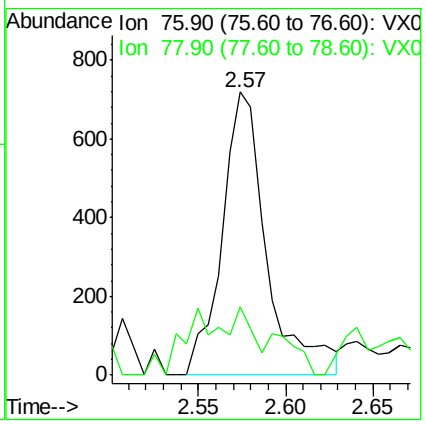


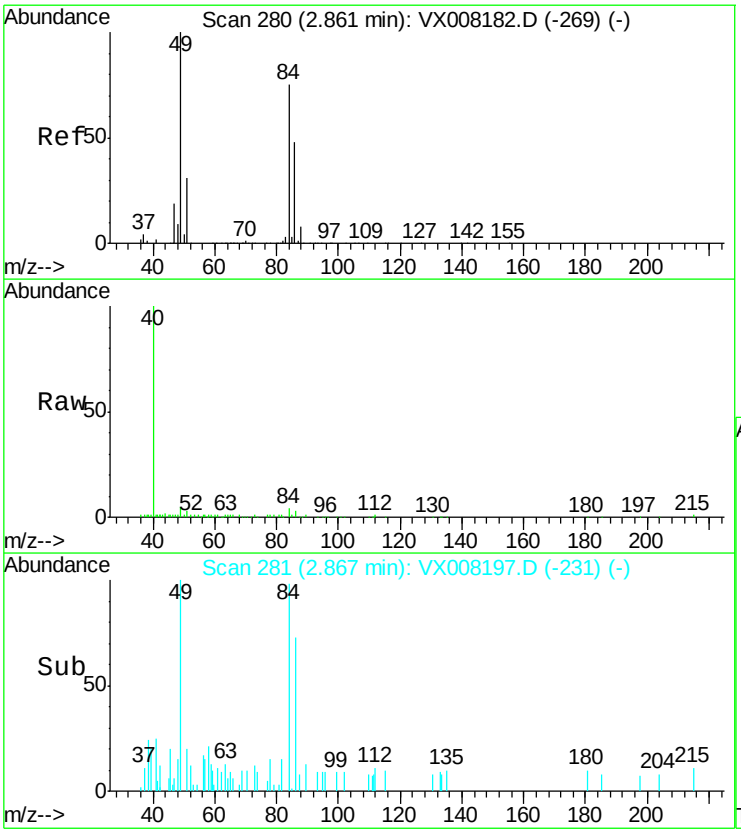
#17
Carbon Disulfide
Concen: 0.767 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1284

Ion	Ratio	Lower	Upper
76	100		
78	16.7	7.2	10.8#

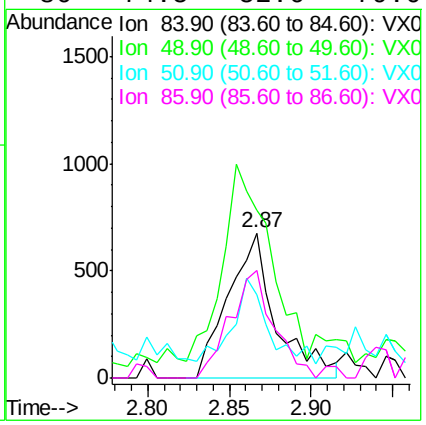


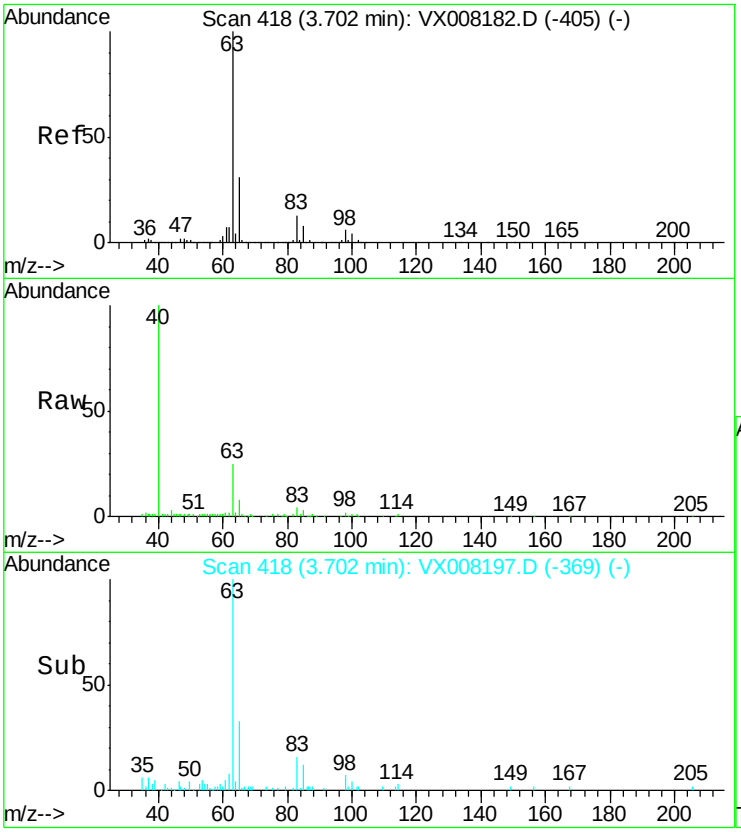


#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 84 Resp: 1385

Ion	Ratio	Lower	Upper
84	100		
49	104.3	99.3	148.9
51	43.6	31.3	46.9
86	74.5	52.6	79.0



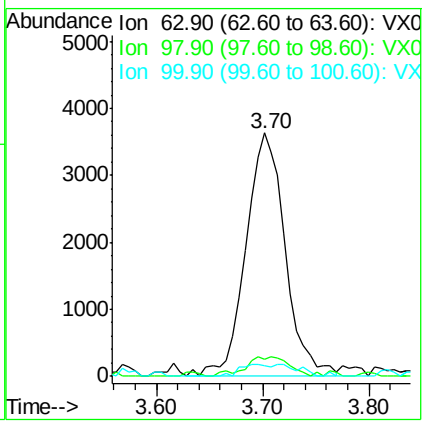


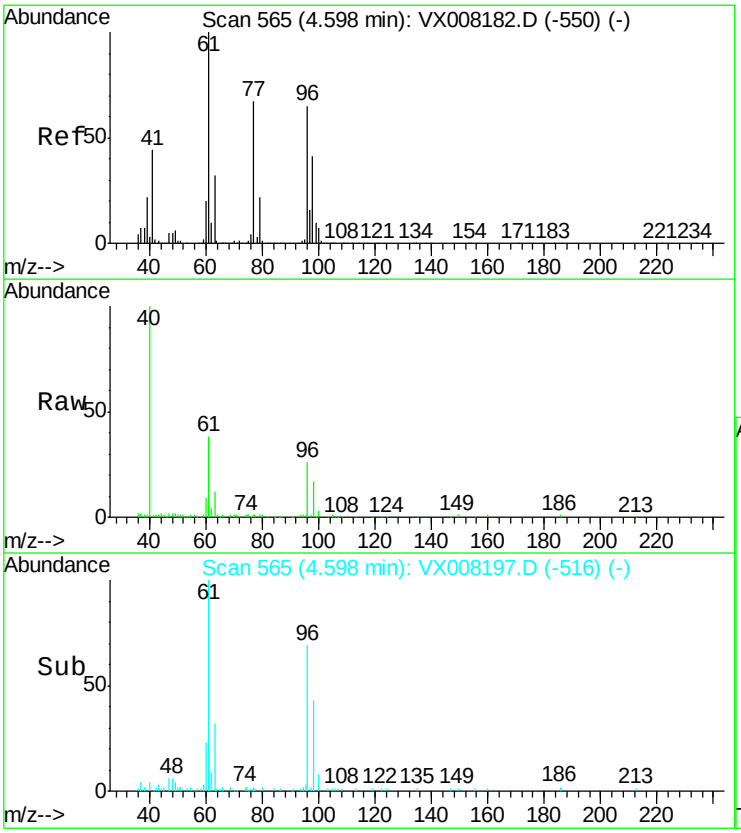
#24
1,1-Dichloroethane
Concen: 1.015 ug/l
RT: 3.70 min Scan# 418
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 9406

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.3	9.8
100	4.2	2.3	6.8

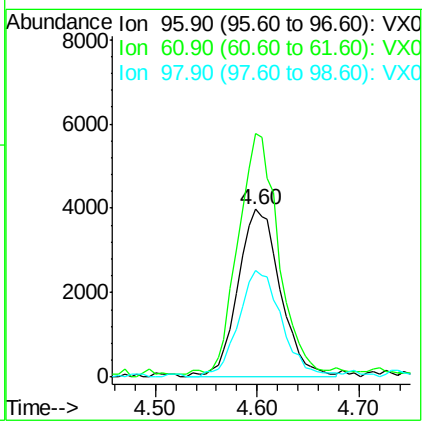


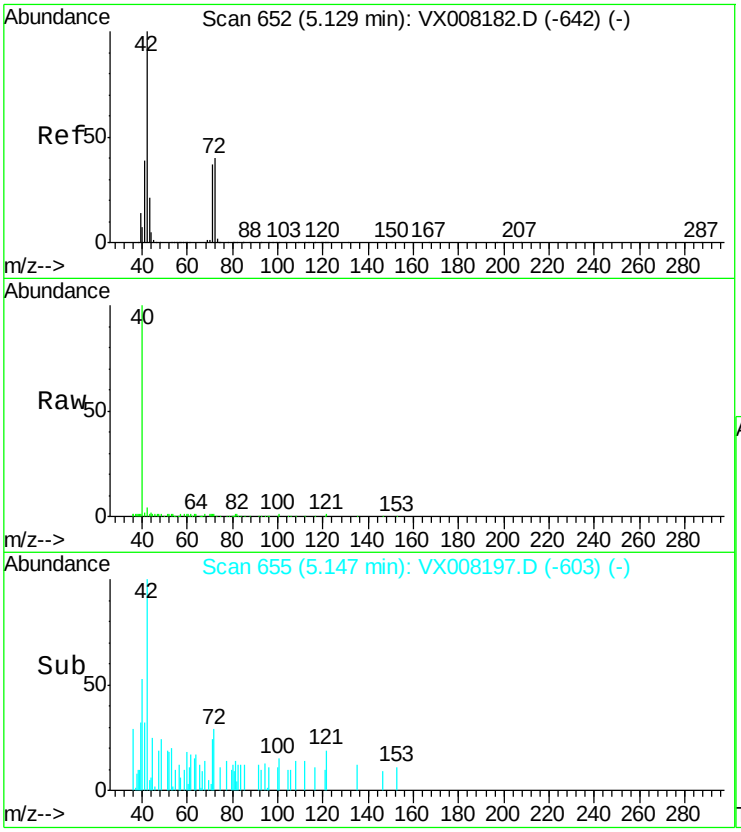


#27
cis-1,2-Dichloroethene
Concen: 2.213 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 96 Resp: 11519

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	288.0
98	64.1	0.0	129.0



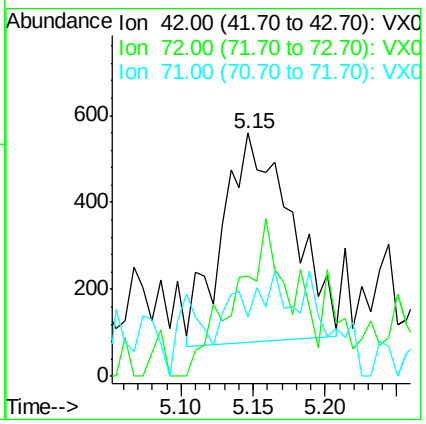


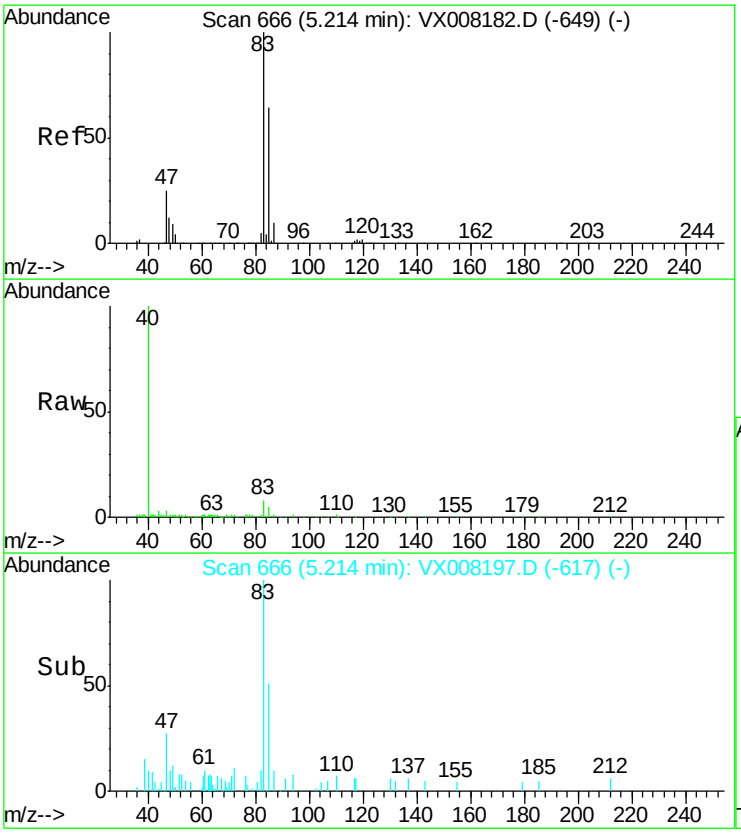
#29
Tetrahydrofuran
Concen: 0.587 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1612

Ion	Ratio	Lower	Upper
42	100		
72	60.6	33.8	50.6#
71	8.6	31.5	47.3#

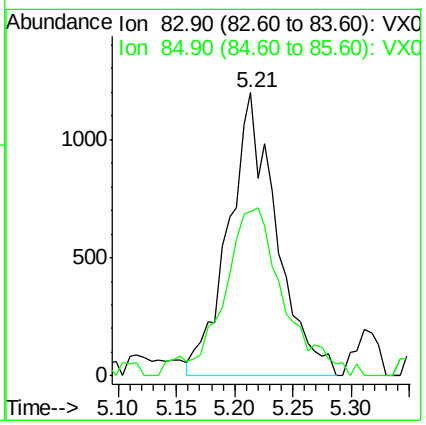


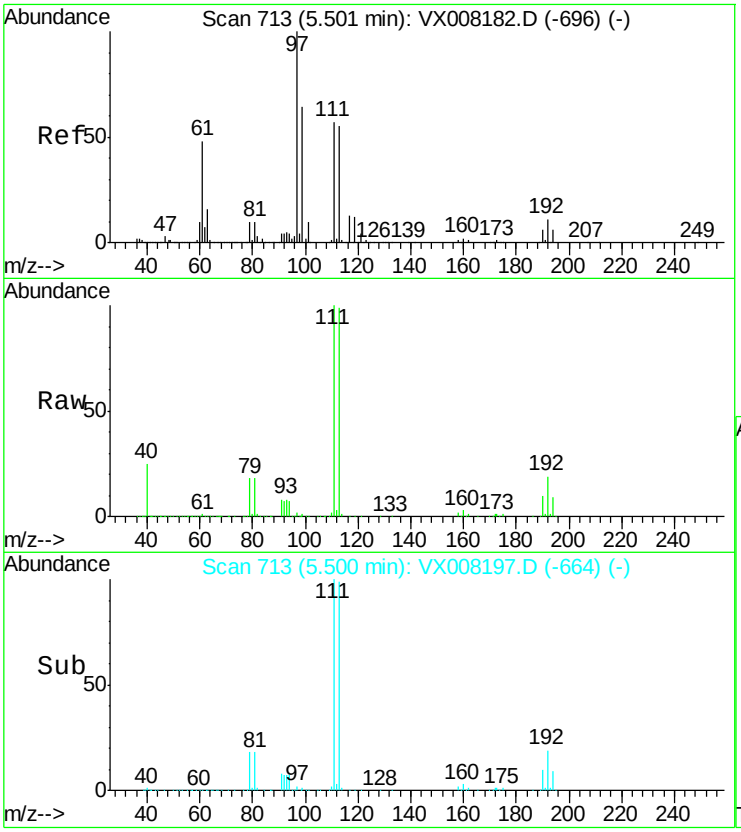


#30
Chloroform
Concen: 0.394 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 83 Resp: 3417

Ion	Ratio	Lower	Upper
83	100		
85	53.7	51.8	77.6



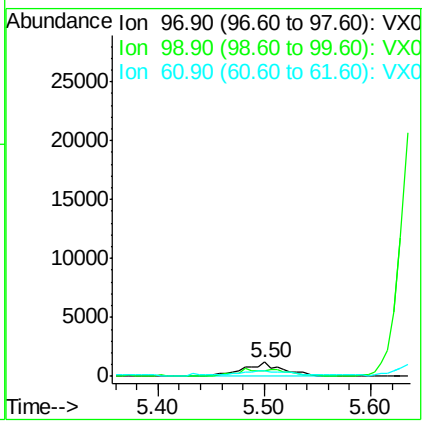


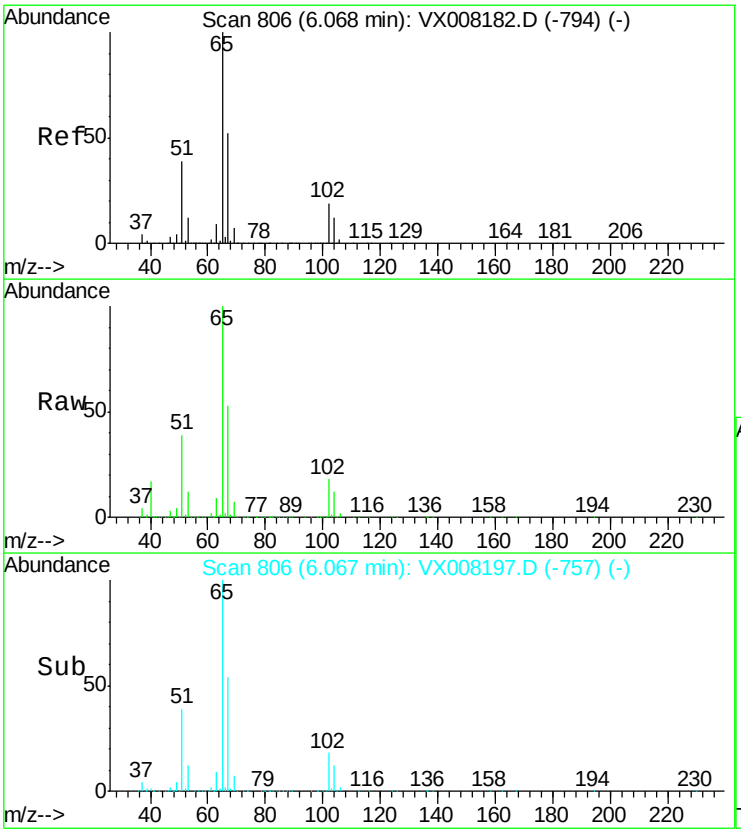
#32
1,1,1-Trichloroethane
Concen: 0.442 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 3185

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.2#
61	33.9	34.9	52.3#

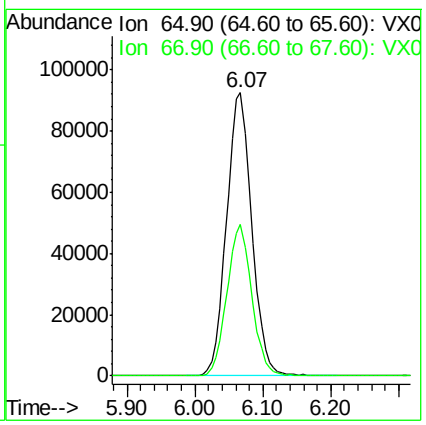


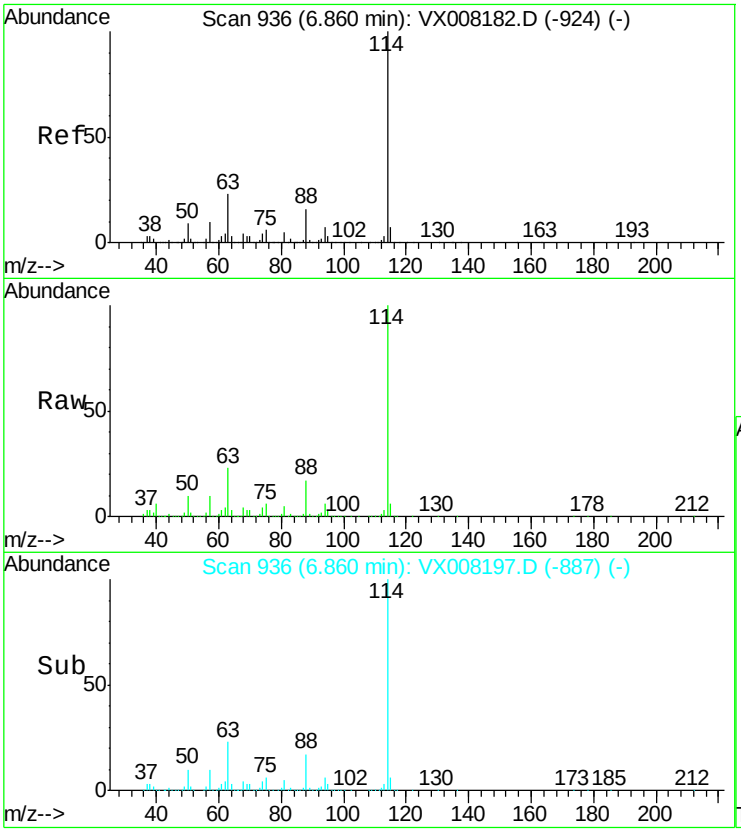


#33
1,2-Dichloroethane-d4
Concen: 45.396 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 65 Resp: 238118

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	110.0



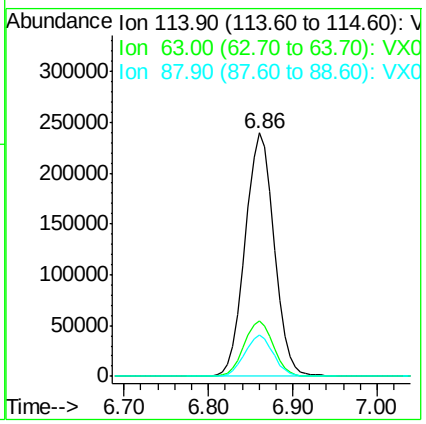


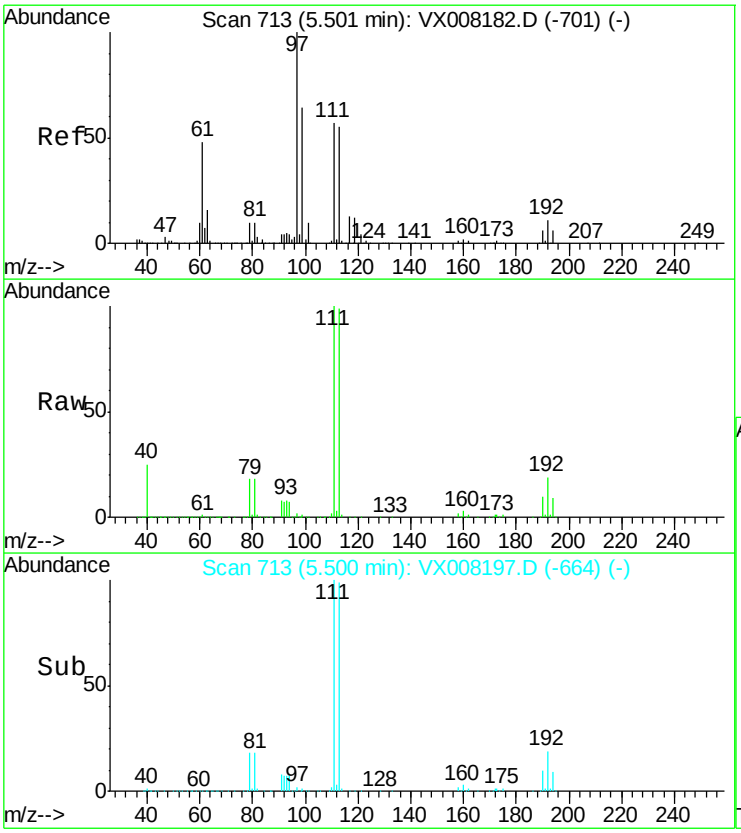
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 558182

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	39.8
88	16.8	0.0	31.4

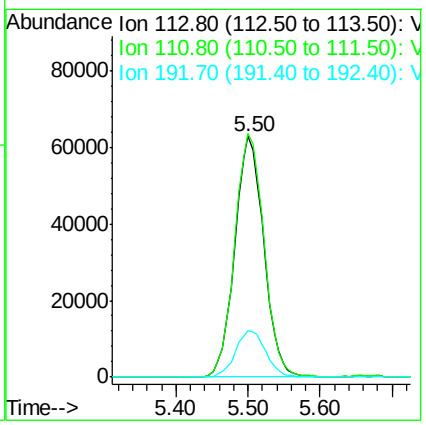


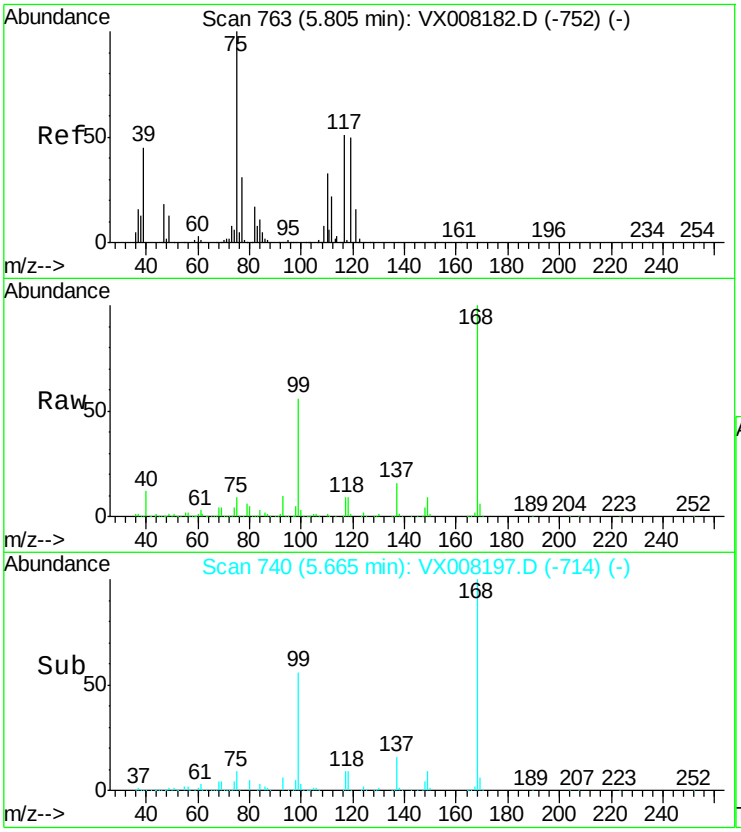


#35
Dibromofluoromethane
Concen: 47.157 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion:113 Resp: 176209

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	20.1	19.4	29.0



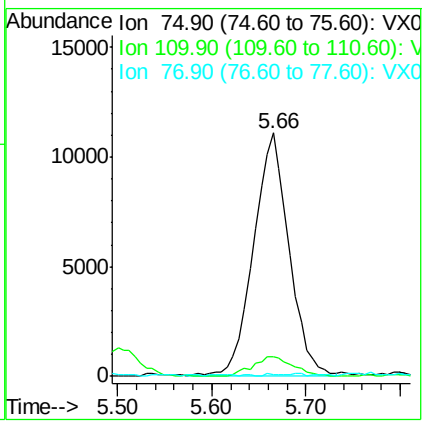


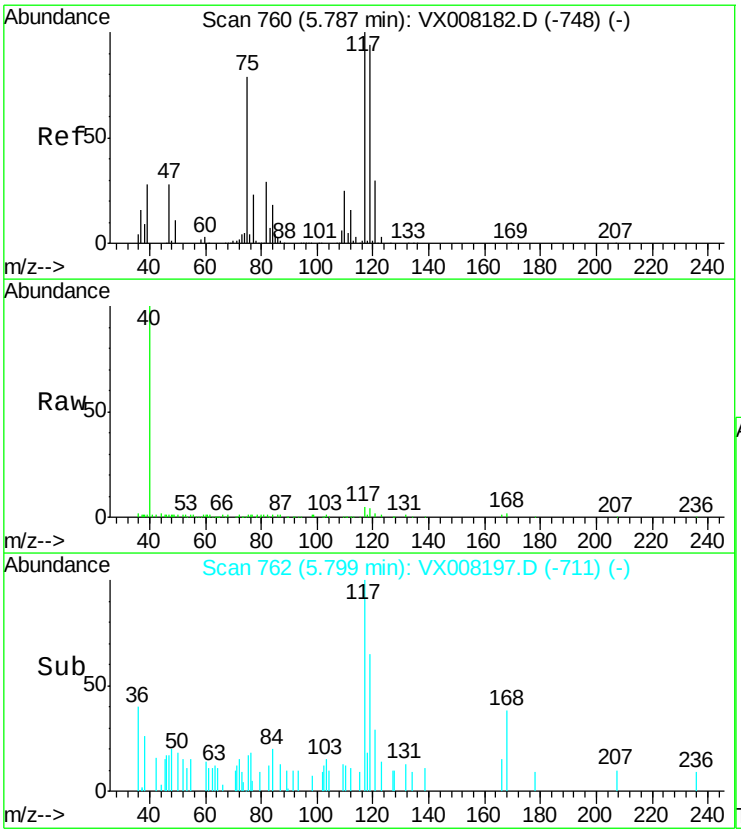
#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.14 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29423

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.4	55.0#
77	0.5	25.0	37.4#

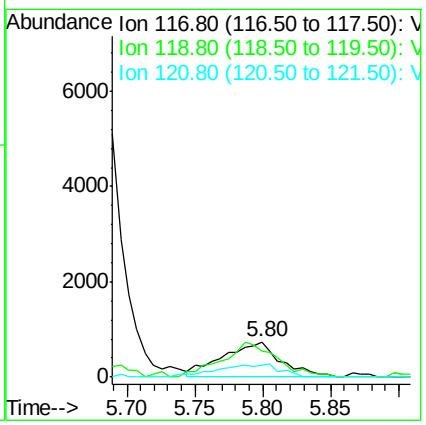


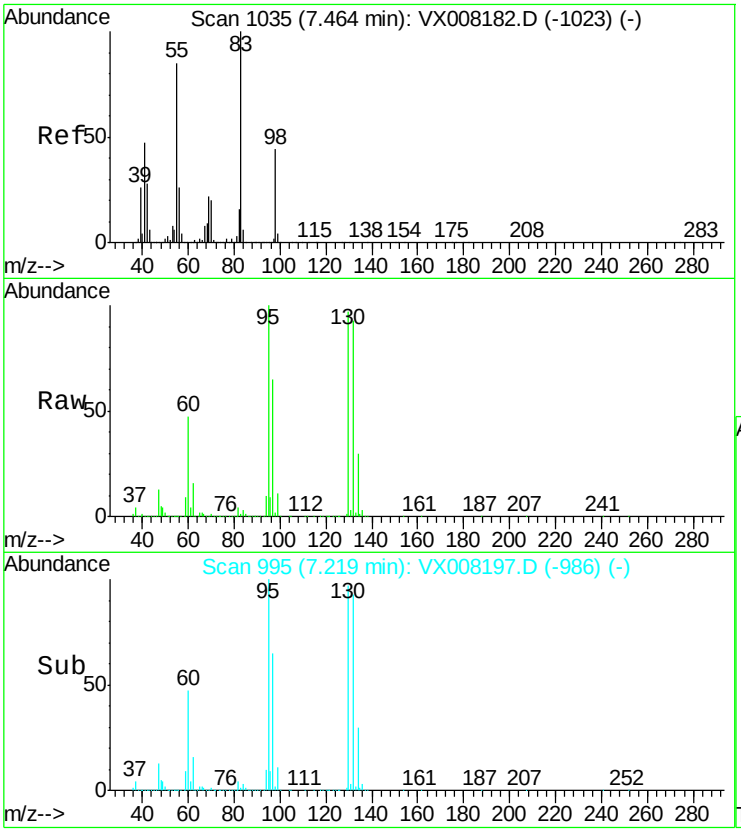


#38
Carbon Tetrachloride
Concen: 0.380 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion:117 Resp: 2203

Ion	Ratio	Lower	Upper
117	100		
119	73.2	76.2	114.2#
121	33.0	24.6	36.8



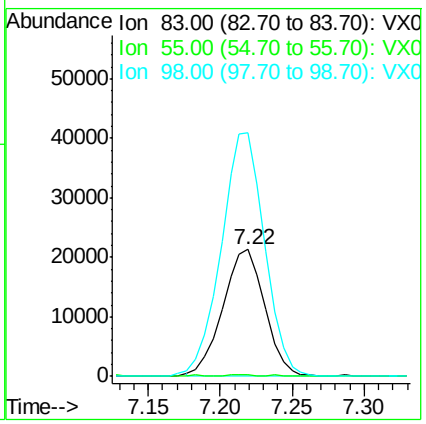


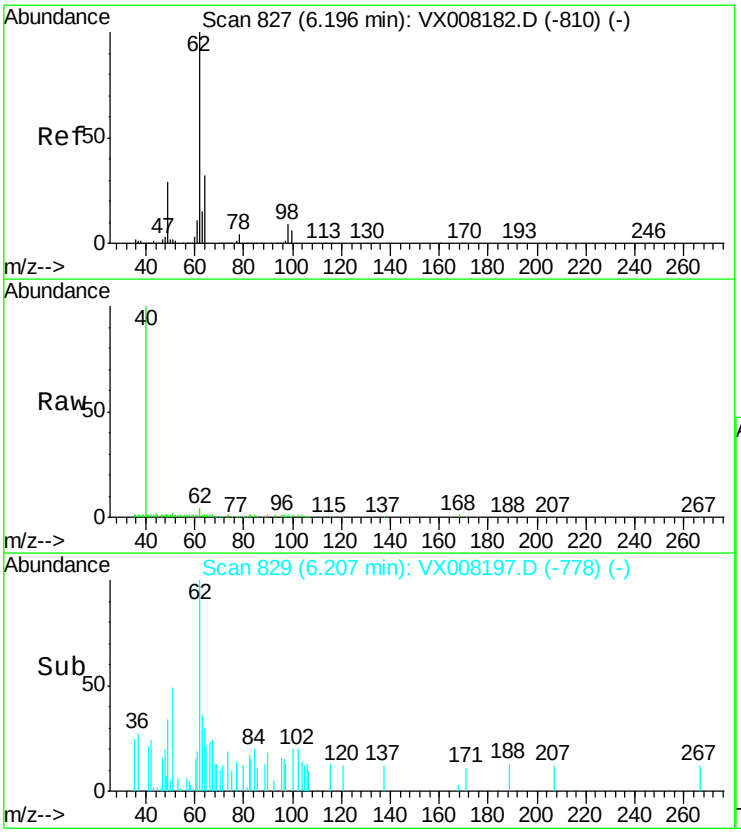
#39
Methylcyclohexane
Concen: 5.463 ug/l
RT: 7.22 min Scan# 995
Delta R.T. -0.24 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 42723

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.4	90.6#
98	191.8	36.5	54.7#

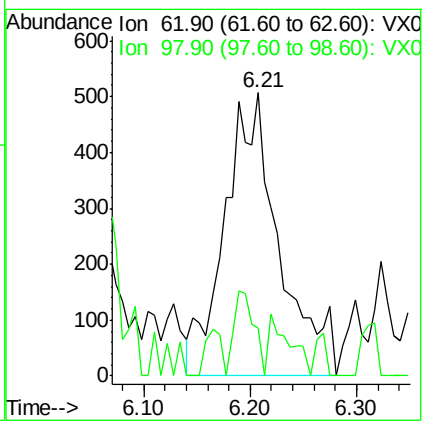


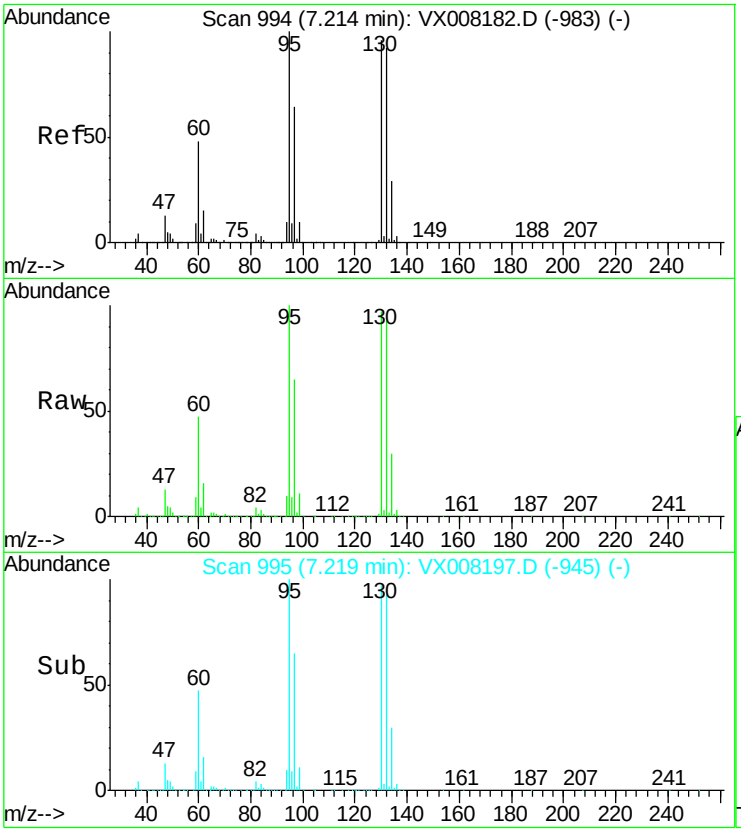


#42
1,2-Dichloroethane
Concen: 0.256 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 62 Resp: 1807

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.4



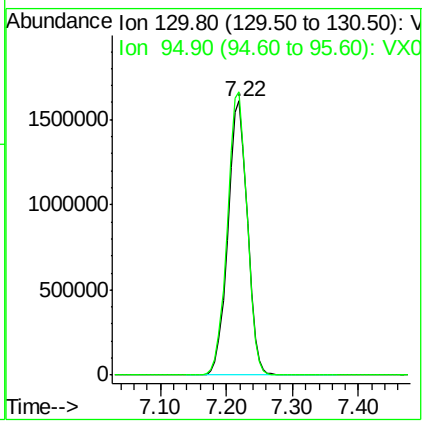


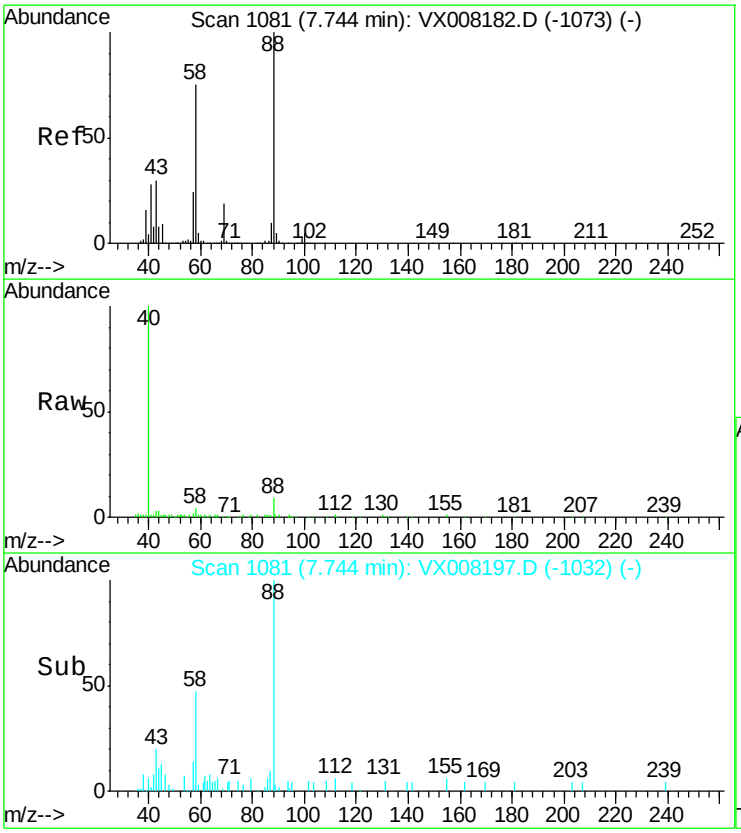
#44
Trichloroethene
Concen: 701.459 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 3299041

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	188.0

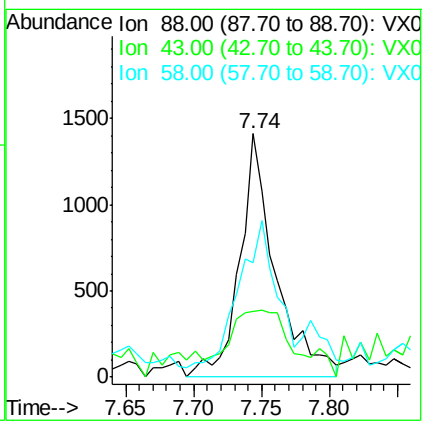


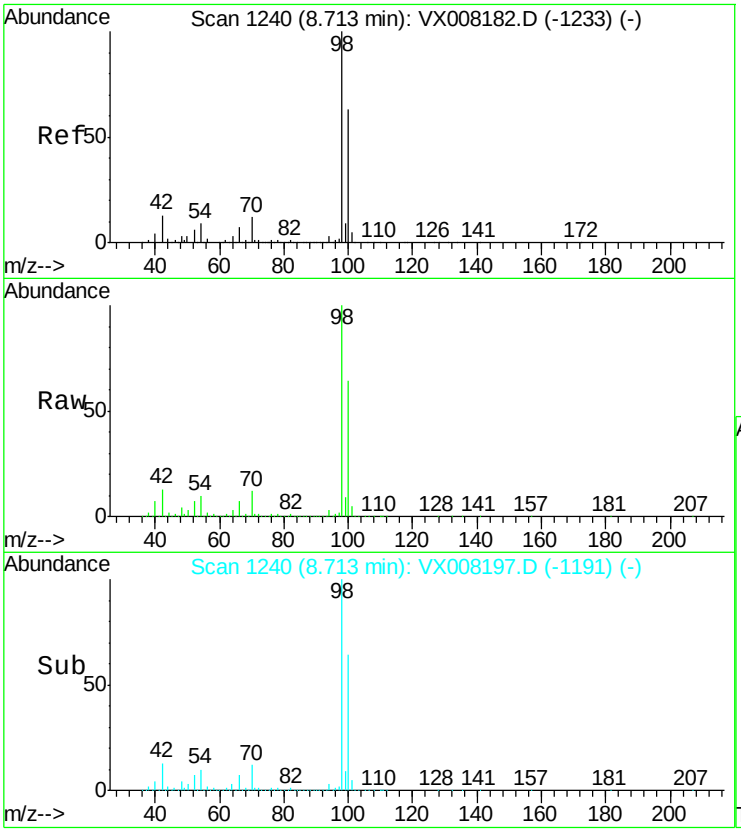


#49
1,4-Dioxane
Concen: 22.443 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 88 Resp: 2593

Ion	Ratio	Lower	Upper
88	100		
43	29.0	25.1	37.7
58	66.1	57.8	86.6



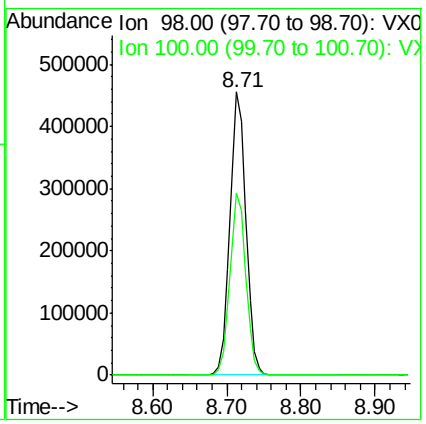


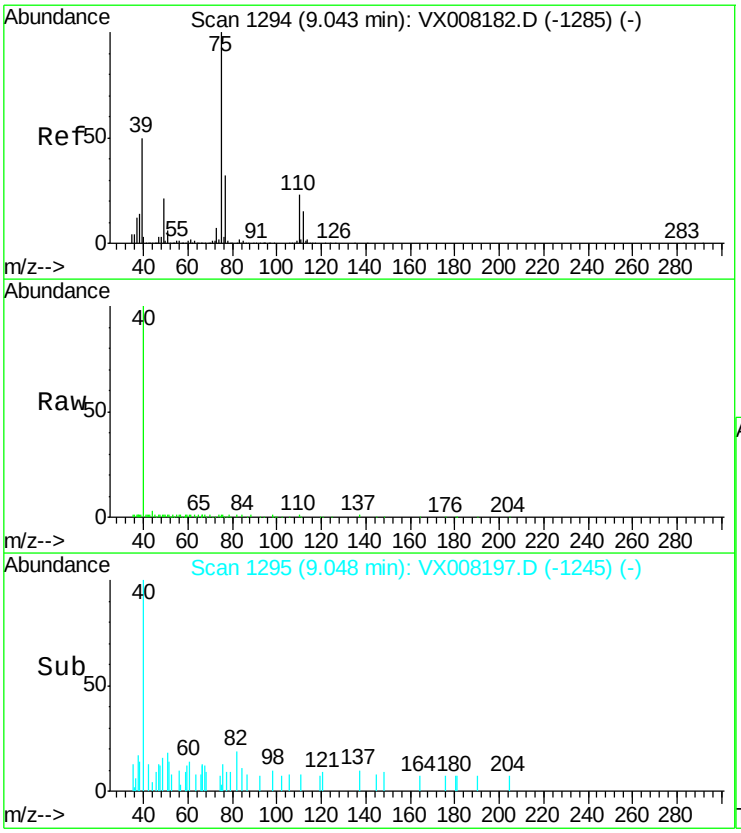
#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 692130

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5

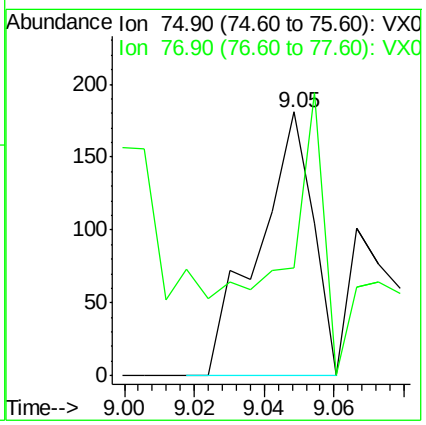


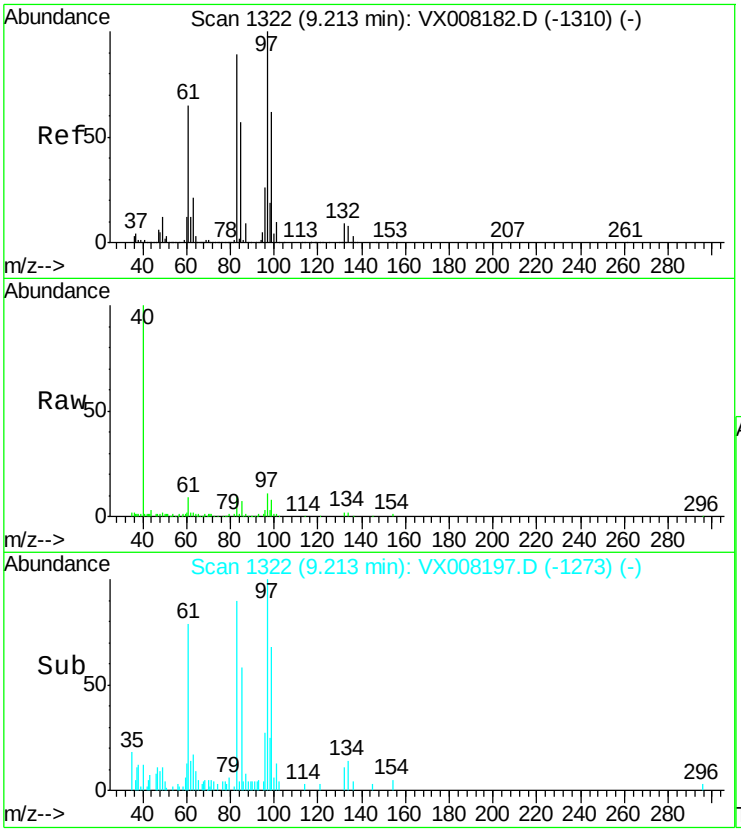


#53
t-1,3-Dichloropropene
Concen: 1.447 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 75 Resp: 196

Ion	Ratio	Lower	Upper
75	100		
77	40.9	25.4	38.0#



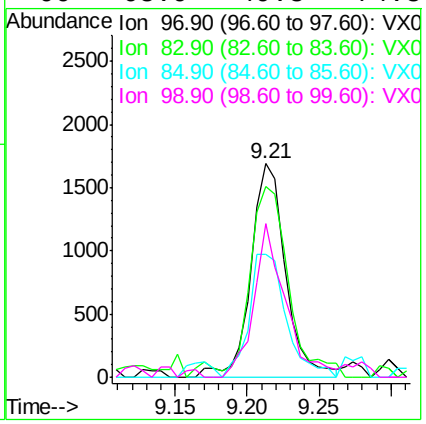


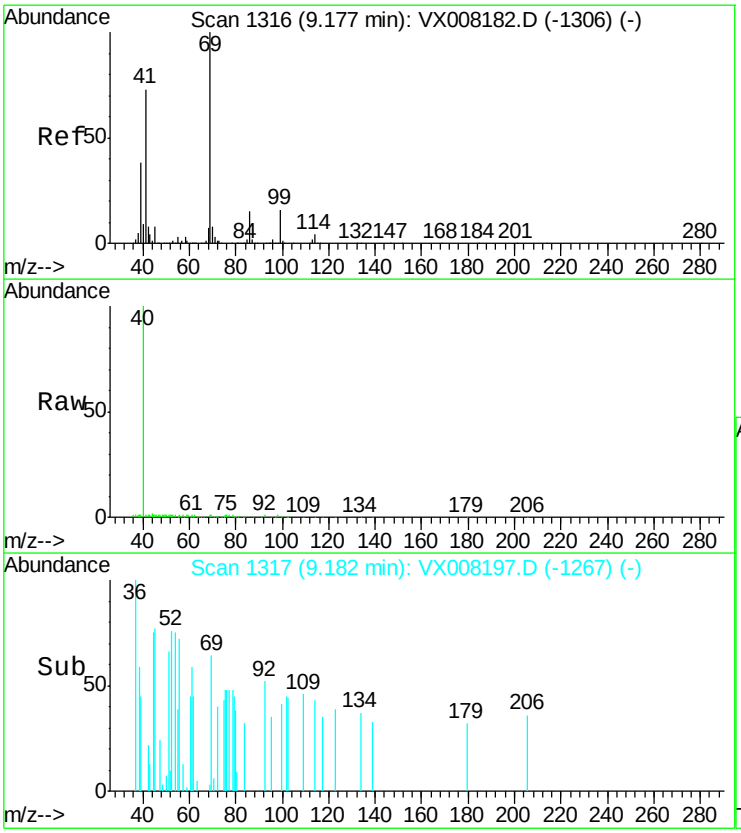
#55
1,1,2-Trichloroethane
Concen: 0.608 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 2801

Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.1	103.7
85	57.8	44.3	66.5
99	68.9	49.8	74.8

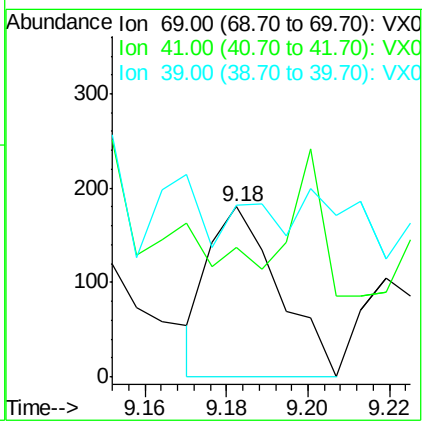


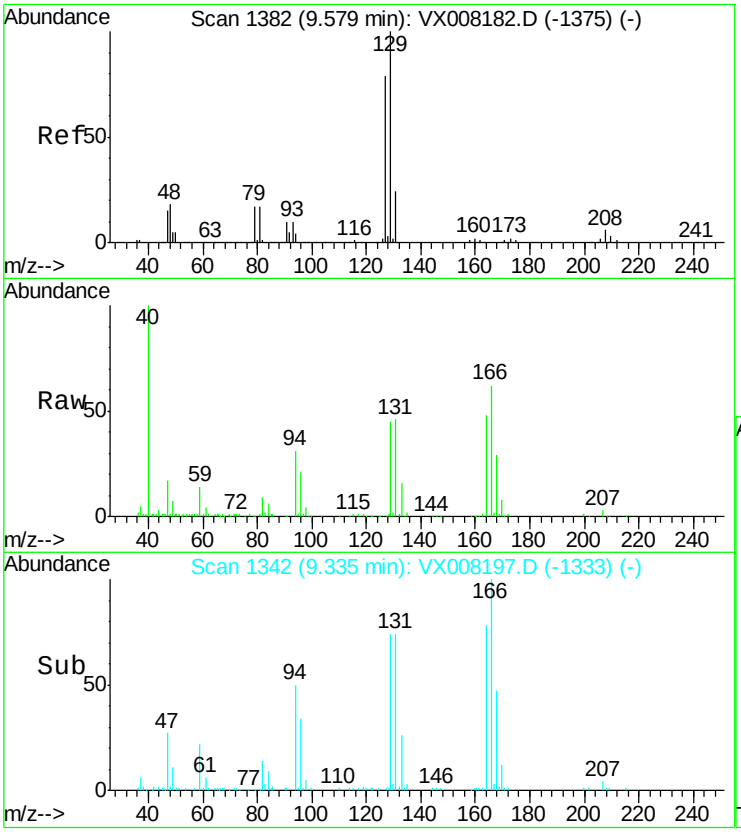


#56
Ethyl methacrylate
Concen: 0.552 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 69 Resp: 216

Ion	Ratio	Lower	Upper
69	100		
41	36.1	54.2	81.4#
39	31.0	25.0	37.4



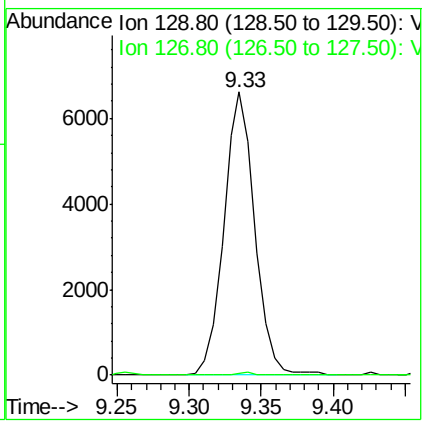


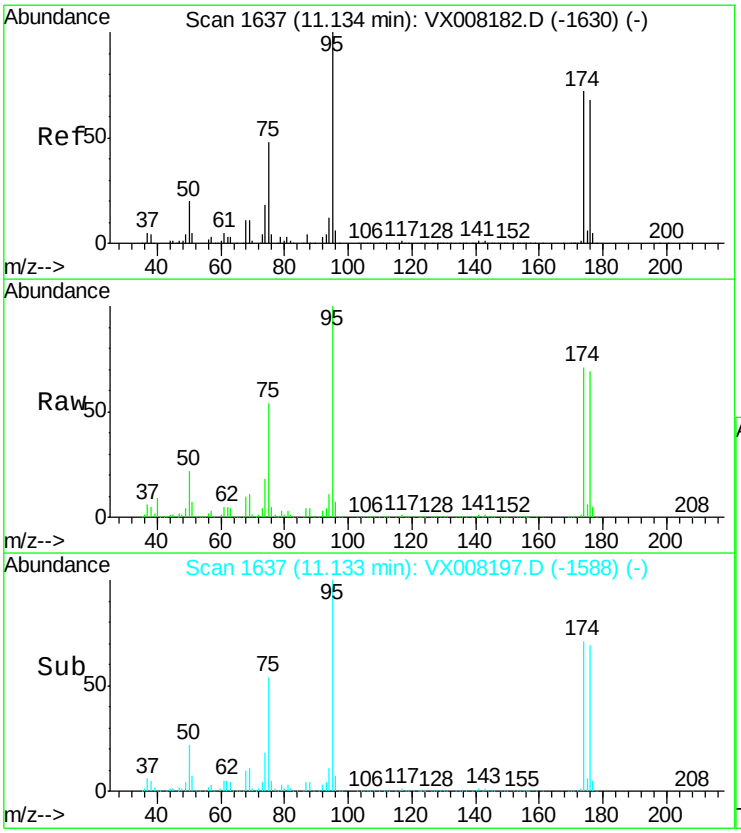
#60
Dibromochloromethane
Concen: 2.239 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 9923

Ion	Ratio	Lower	Upper
129	100		
127	0.4	38.3	114.8#

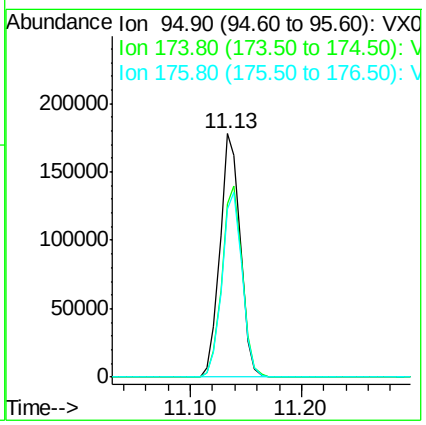


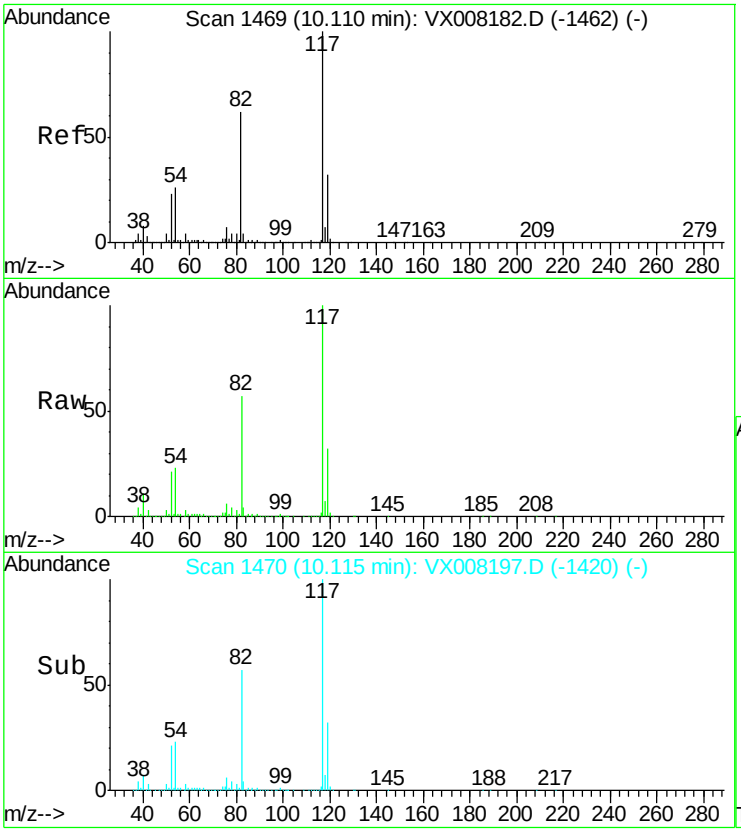


#62
4-Bromofluorobenzene
Concen: 45.958 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 95 Resp: 224180

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	182.8
176	75.7	0.0	178.0



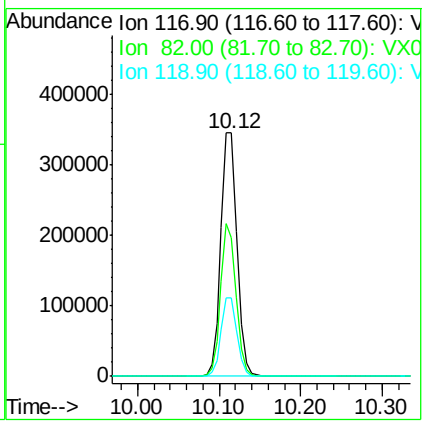


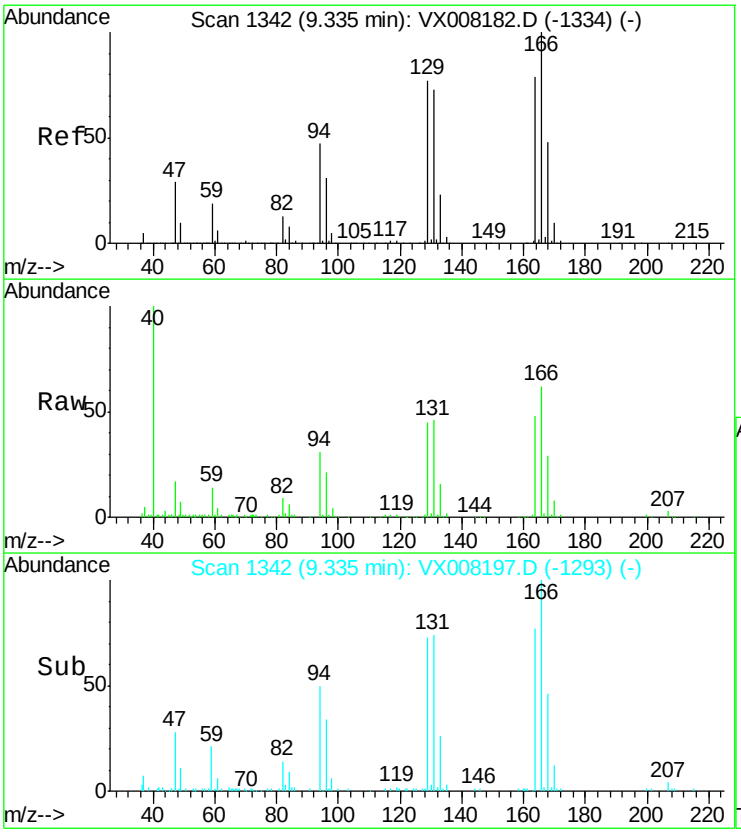
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 477935

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.3	66.5
119	32.4	25.3	37.9

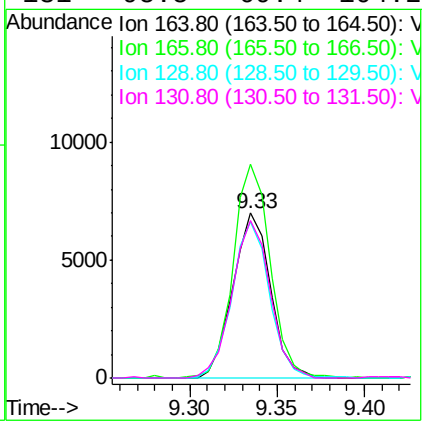


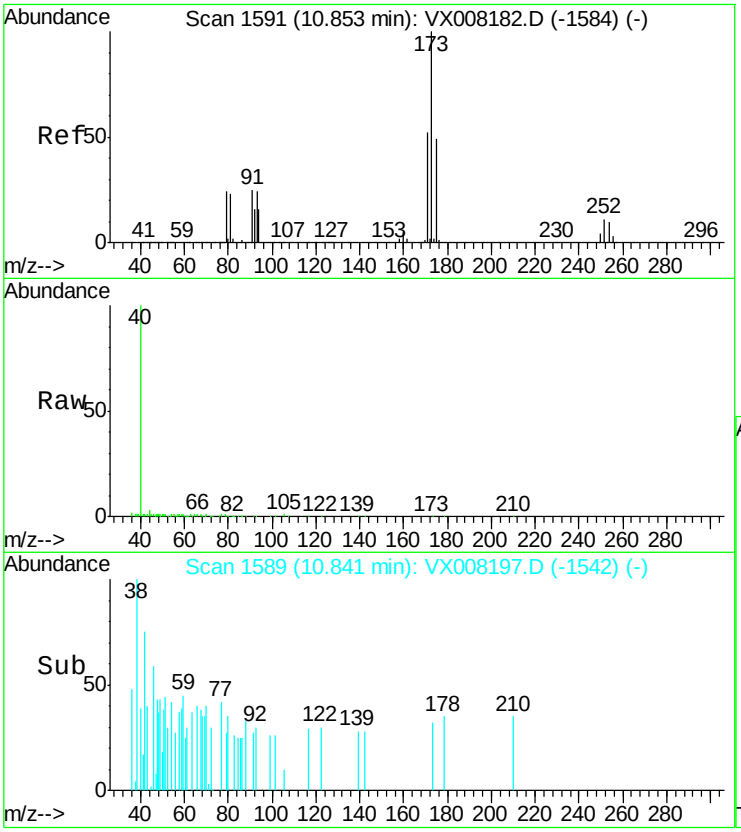


#64
Tetrachloroethene
Concen: 2.417 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion:164 Resp: 10421

Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.4	155.0
129	94.9	72.2	108.4
131	95.5	69.4	104.2



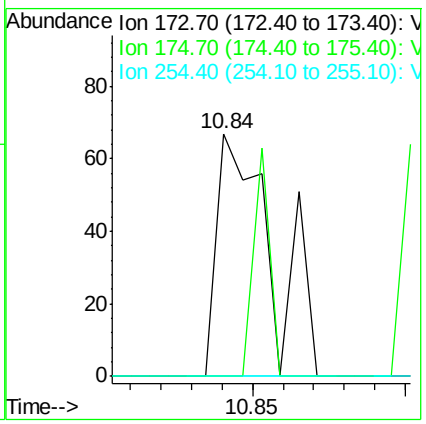


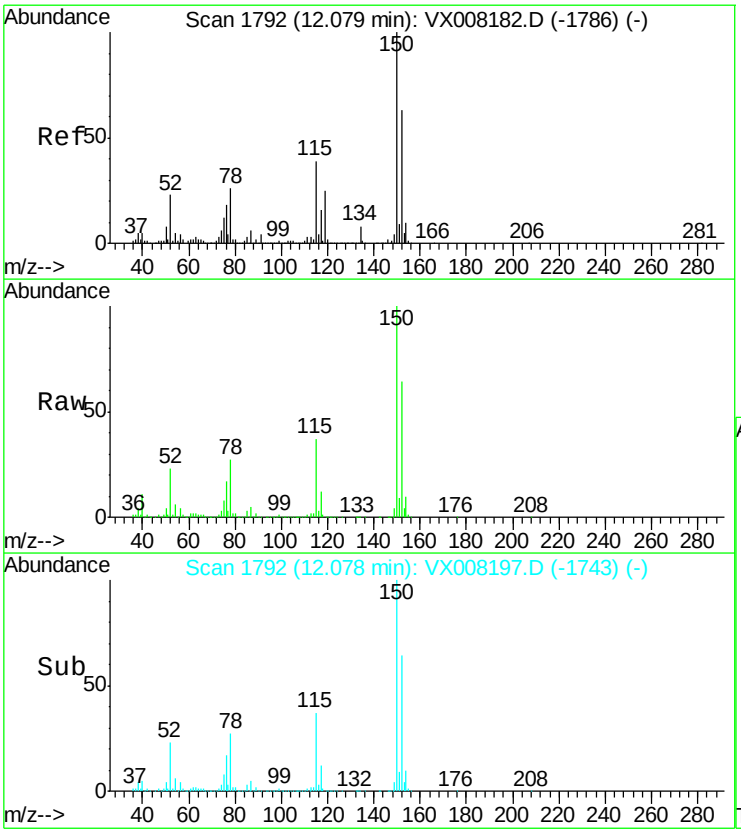
#71
Bromoform
Concen: 2.225 ug/l
RT: 10.84 min Scan# 1589
Delta R.T. -0.01 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 83

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.3	72.9#
254	0.0	0.1	0.1#

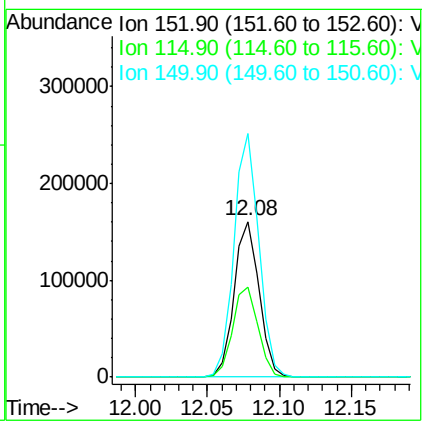


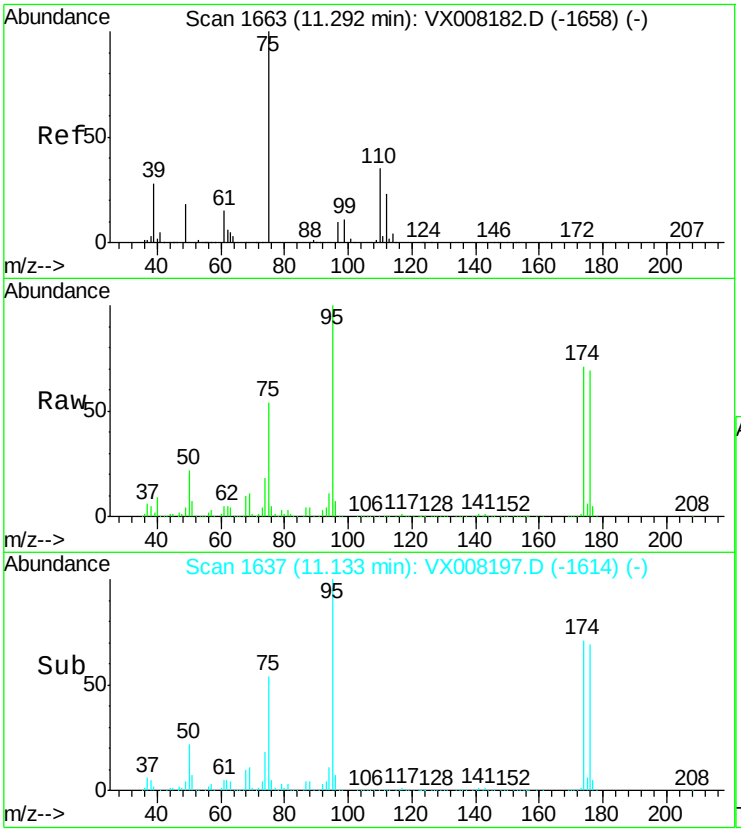


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion:152 Resp: 194208

Ion	Ratio	Lower	Upper
152	100		
115	59.9	38.6	115.7
150	156.5	0.0	348.4



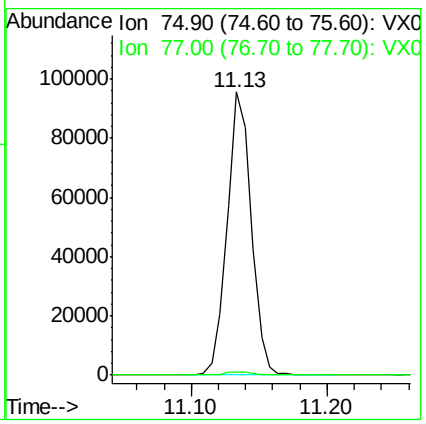


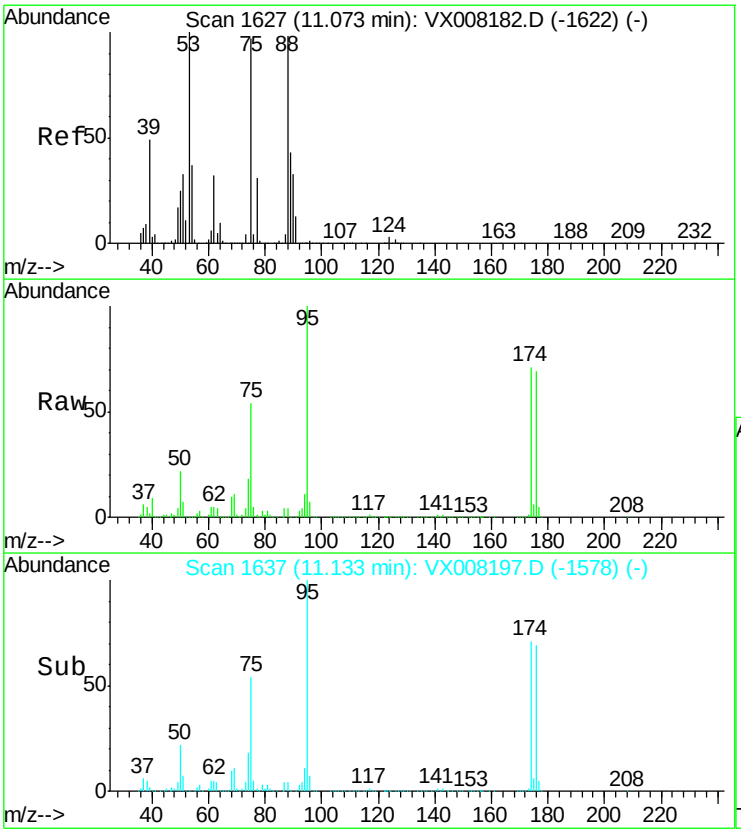
#76
1,2,3-Trichloropropane
Concen: 21.564 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 117790

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.830 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008197.D
Acq: 19 Mar 2019 18:05

Tgt Ion: 75 Resp: 117790

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