Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008780.D
Acq On : 09 Apr 2019 18:55
Operator : JC/SP
Sample : K2311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:39:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	343430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142800	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.30%			
35) Dibromofluoromethane	5.50	113	103565	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
50) Toluene-d8	8.71	98	428844	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
62) 4-Bromofluorobenzene	11.13	95	141696	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	394	Below Cal	#	69
5) Bromomethane	1.64	94	392	2.122	ug/l #	78
6) Chloroethane	1.72	64	190	Below Cal	#	43
10) Methyl Iodide	2.52	142	23	4.013	ug/l #	42
11) Tert butyl alcohol	3.03	59	7078	9.983	ug/l #	72
13) Acrolein	2.29	56	176	0.501	ug/l #	79
16) Acetone	2.44	43	55998	32.105	ug/l	96
17) Carbon Disulfide	2.57	76	1254	Below Cal	#	90
20) Methylene Chloride	2.86	84	1051	0.360	ug/l #	91
25) 2-Butanone	4.68	43	17966	6.517	ug/l	97
28) Bromochloromethane	5.02	49	18	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	422	0.231	ug/l #	66
31) Cyclohexane	5.66	56	4748	0.907	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17151	4.569	ug/l #	51
37) Ethyl Acetate	4.68	43	17966	3.585	ug/l #	75
38) Carbon Tetrachloride	5.67	117	19742	6.354	ug/l #	17
65) Chlorobenzene	10.14	112	1911	0.291	ug/l	92
73) Isopropylbenzene	11.02	105	4032	0.387	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	72317	20.964	ug/l #	34
79) 2-Chlorotoluene	11.42	91	5269	0.719	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	72317	57.787	ug/l #	9
82) 4-Chlorotoluene	11.42	91	5269	0.621	ug/l	95
95) Naphthalene	13.83	128	4399	0.426	ug/l #	95

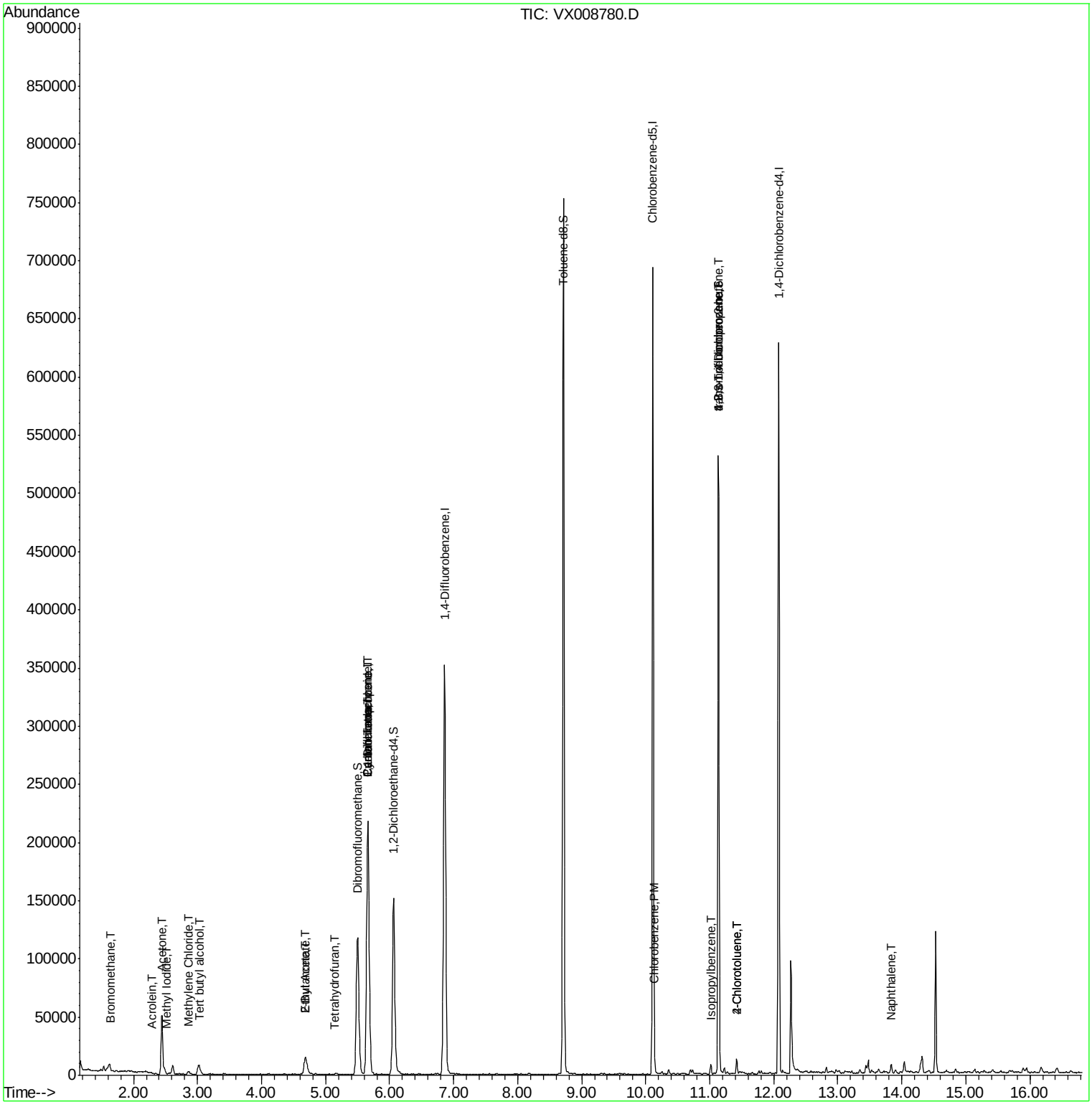
(#) = qualifier out of range (m) = manual integration (+) = signals summed

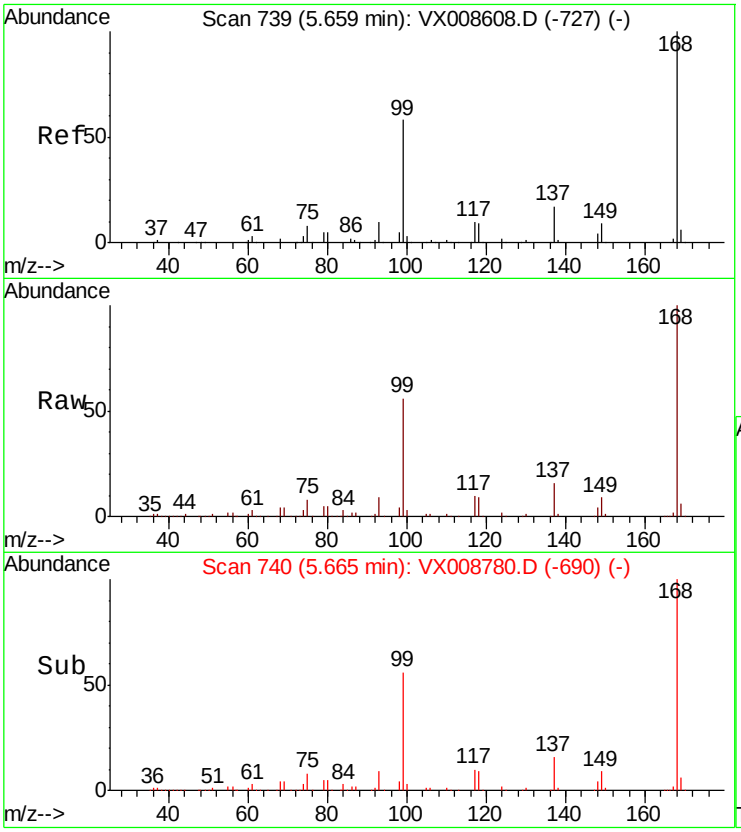
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040919\
Data File : VX008780.D
Acq On : 09 Apr 2019 18:55
Operator : JC/SP
Sample : K2311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 10 06:39:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



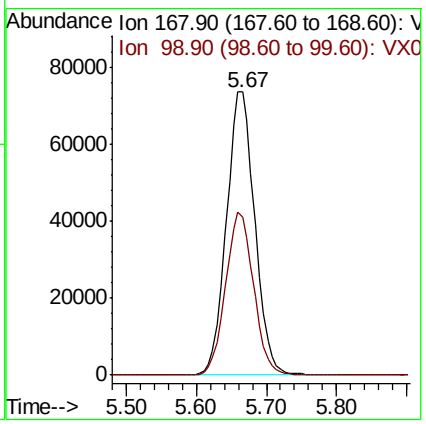


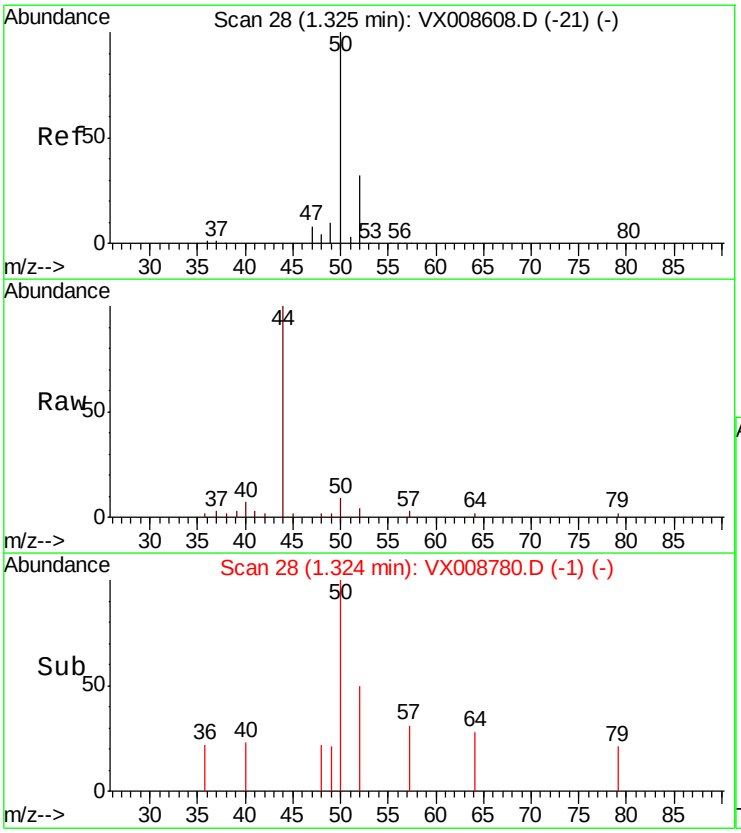
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 207625

Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.7	70.1

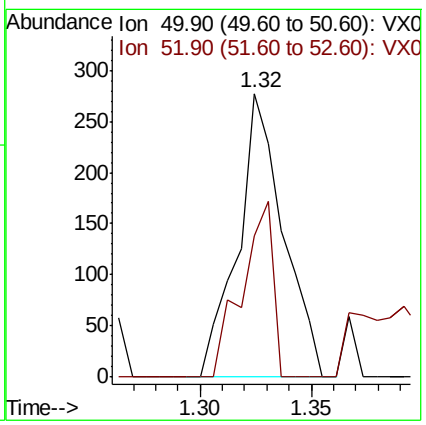


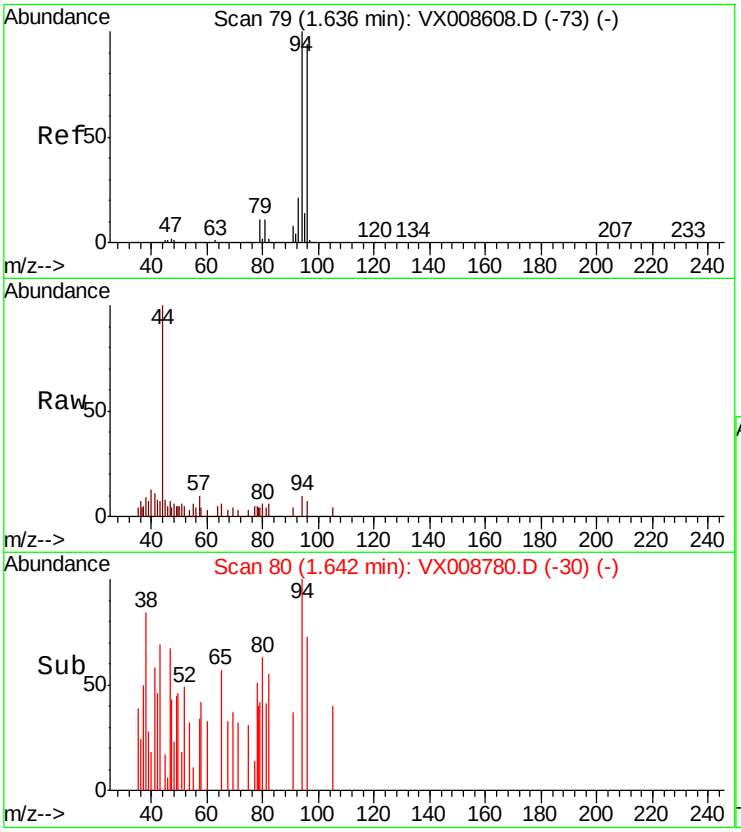


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 50 Resp: 394

Ion	Ratio	Lower	Upper
50	100		
52	49.6	25.8	38.8#



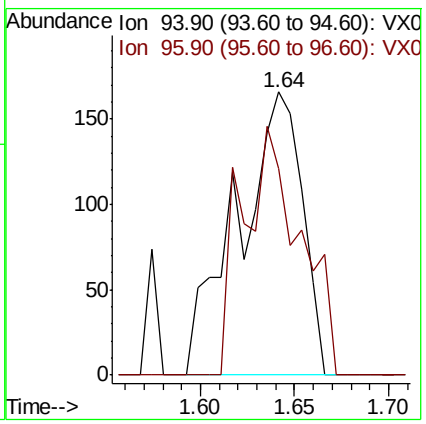


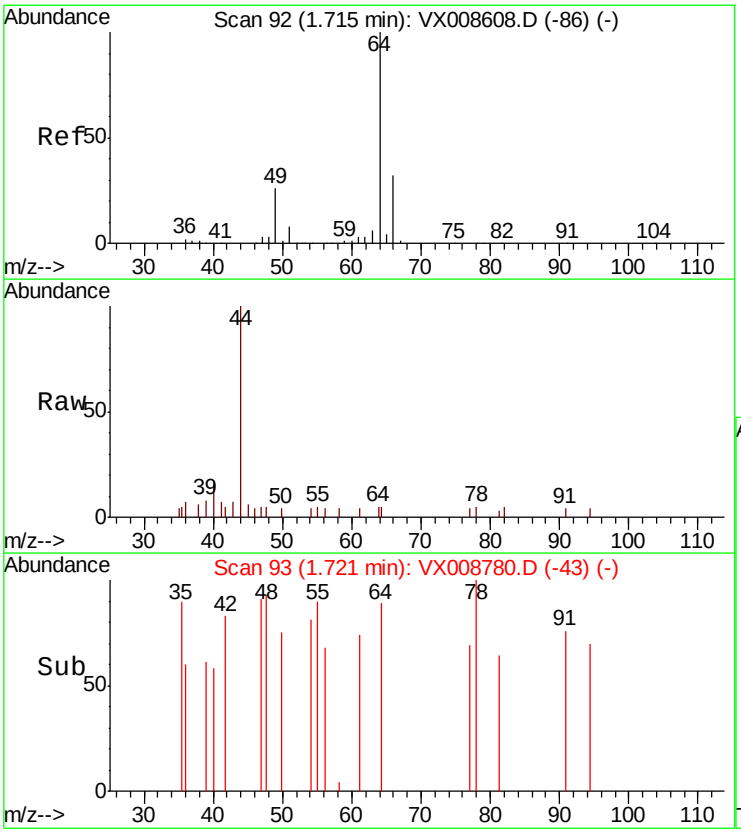
#5
Bromomethane
Concen: 2.122 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 392

Ion	Ratio	Lower	Upper
94	100		
96	72.9	75.2	112.8#

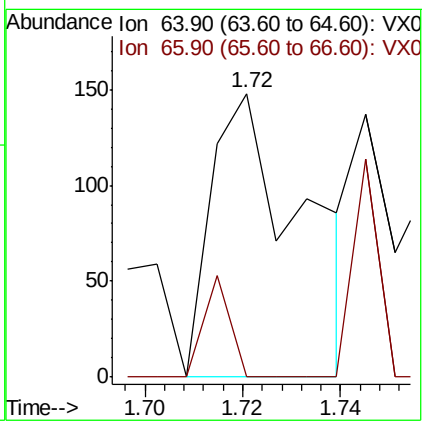


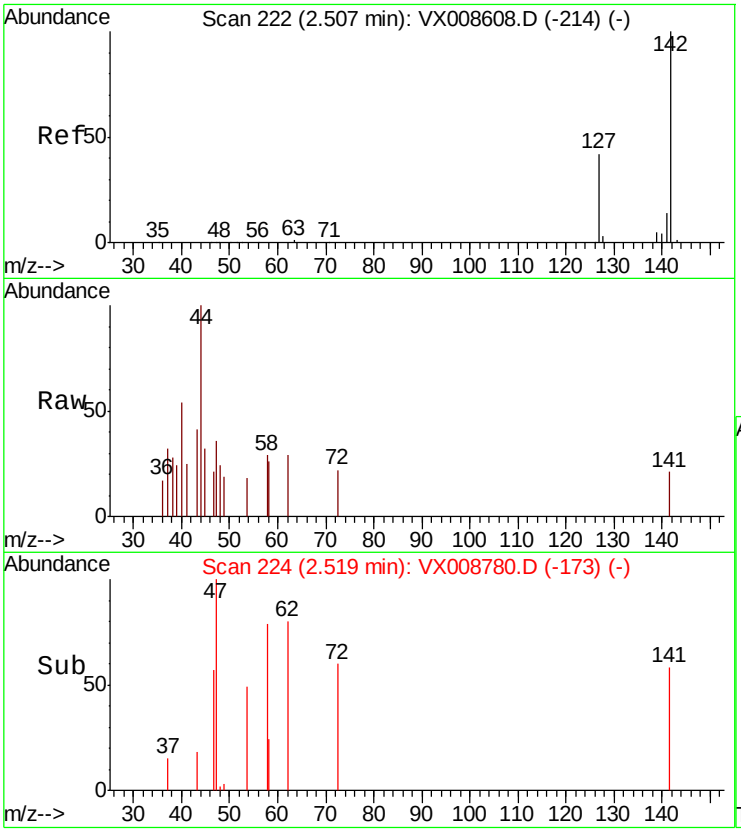


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 64 Resp: 190

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



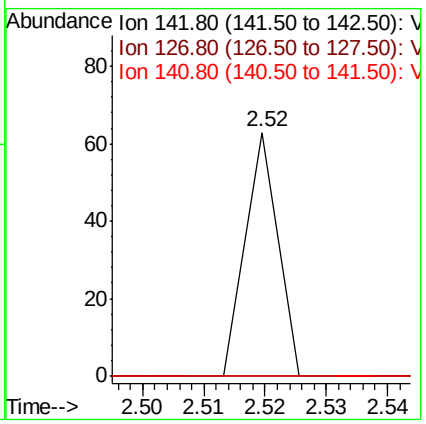


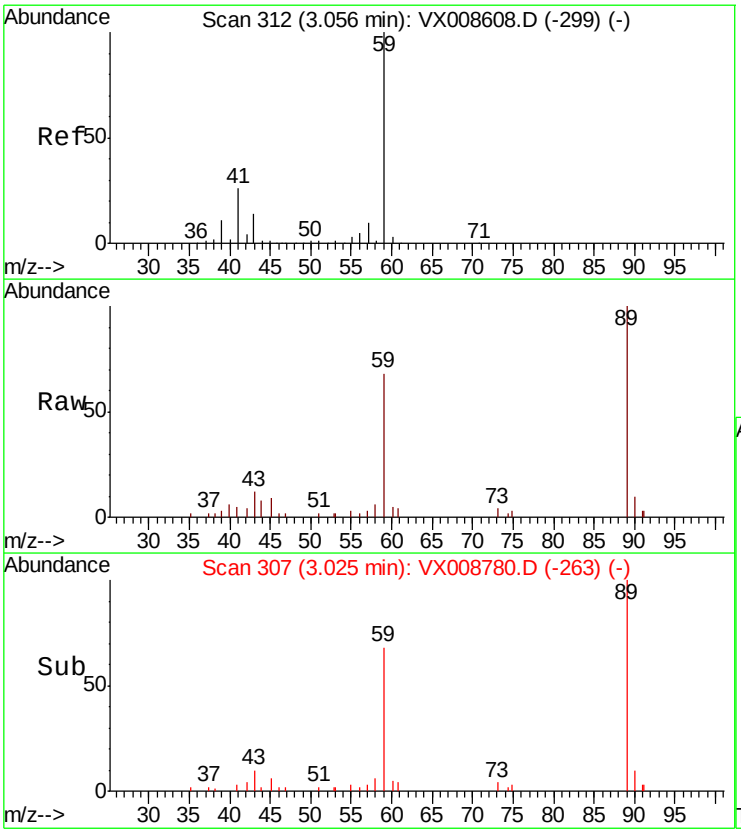
#10
Methyl Iodide
Concen: 4.013 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 23

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.6#
141	0.0	11.4	17.2#

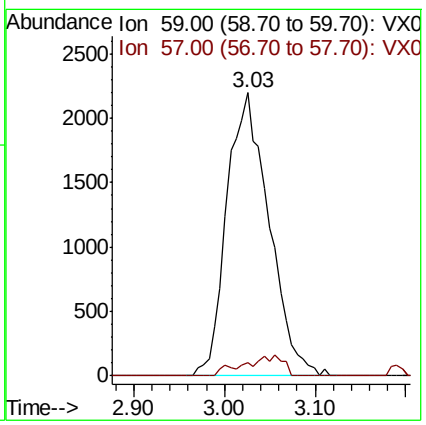


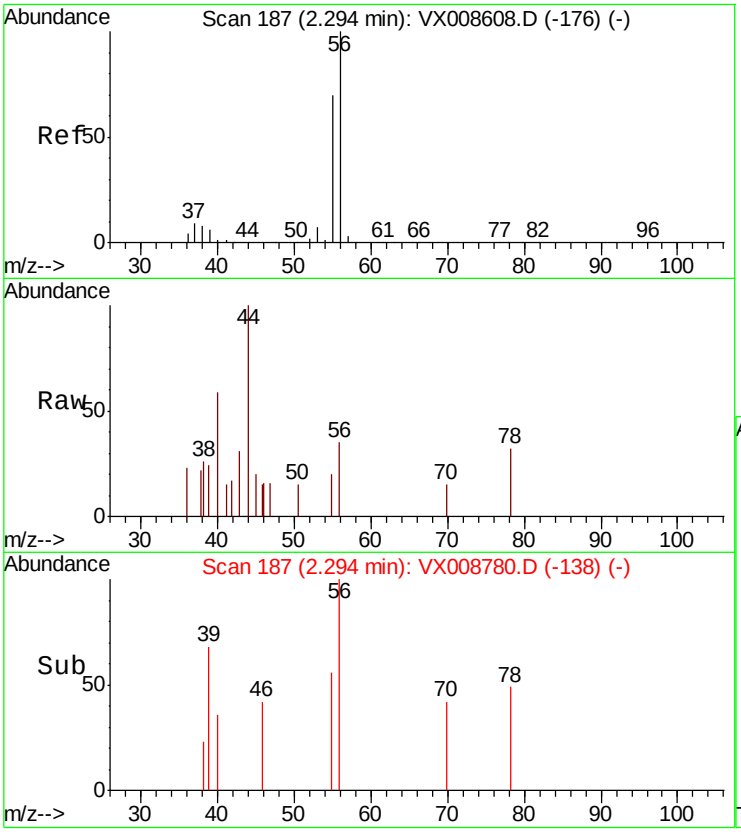


#11
Tert butyl alcohol
Concen: 9.983 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.03 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 59 Resp: 7078

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



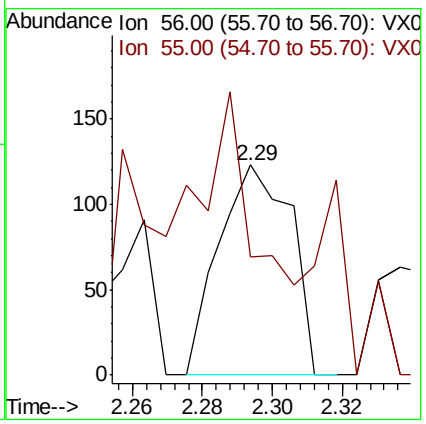


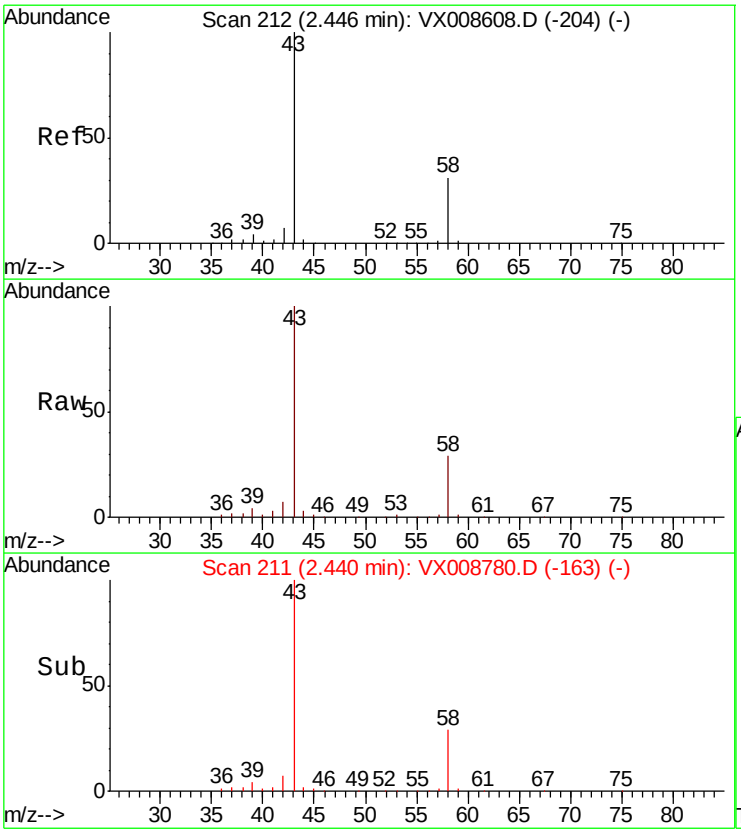
#13
Acrolein
Concen: 0.501 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
55	55.1	58.0	87.0#

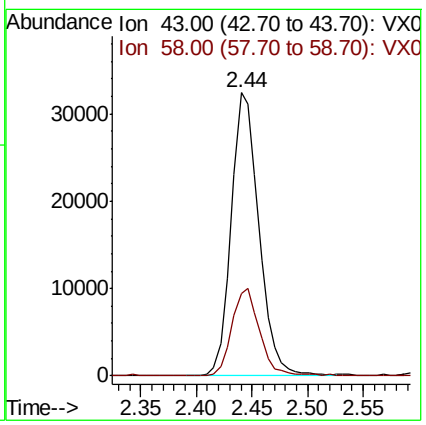


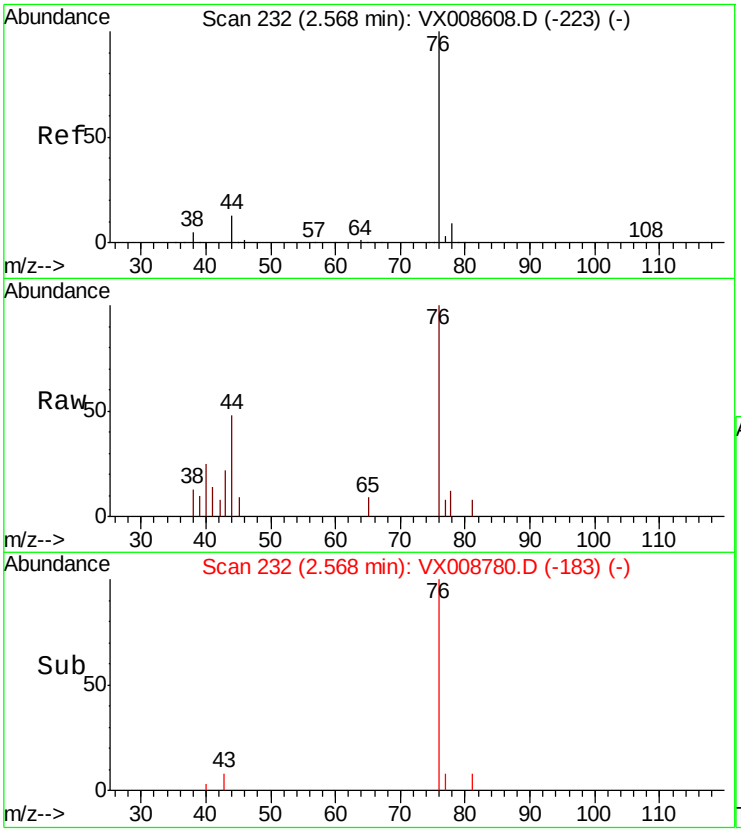


#16
Acetone
Concen: 32.105 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 43 Resp: 55998

Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.8	37.2



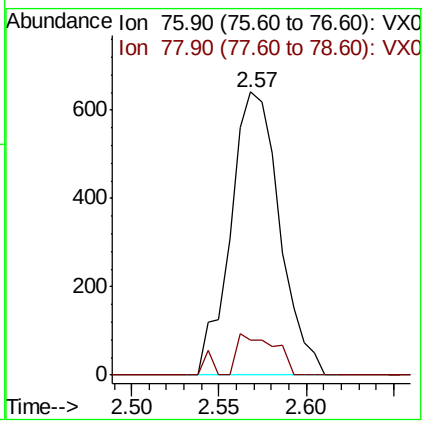


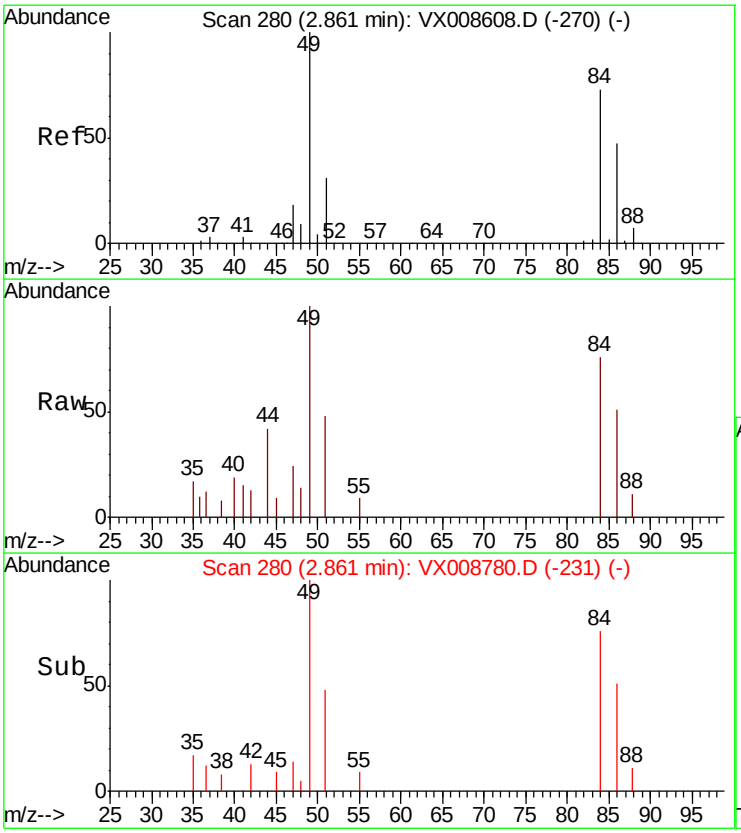
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1254

Ion	Ratio	Lower	Upper
76	100		
78	12.5	7.1	10.7#

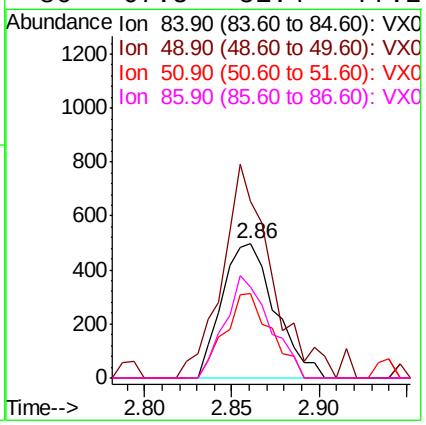


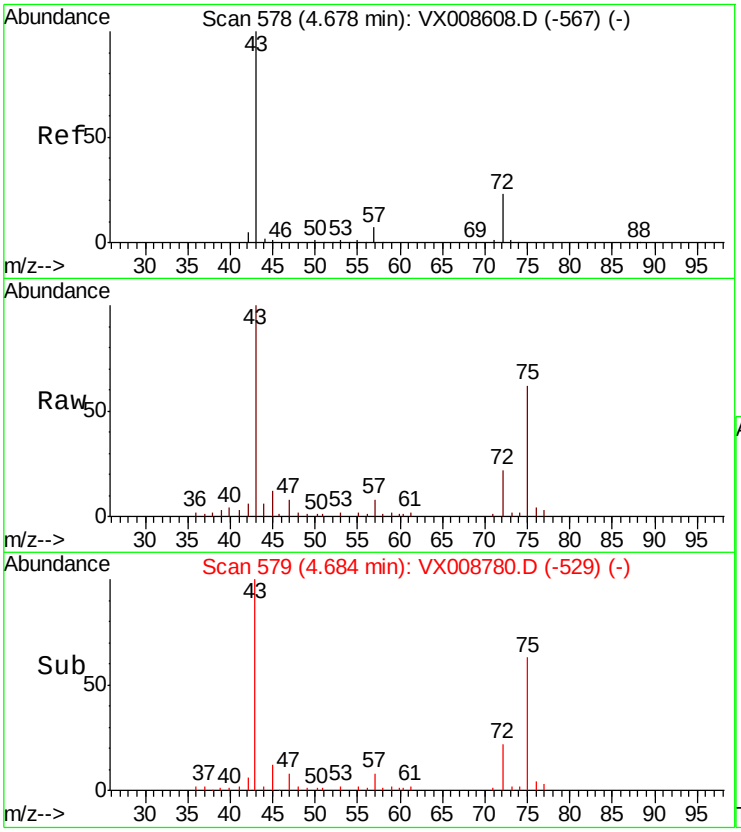


#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 84 Resp: 1051

Ion	Ratio	Lower	Upper
84	100		
49	131.5	109.7	164.5
51	62.7	33.6	50.4#
86	67.5	51.4	77.2



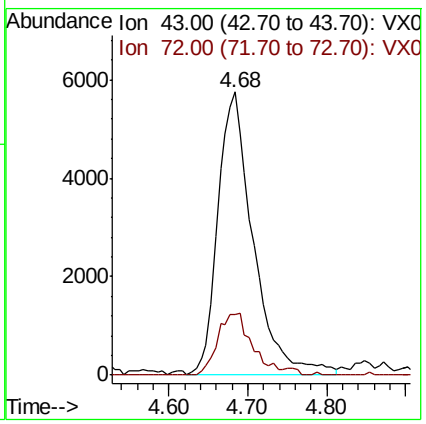


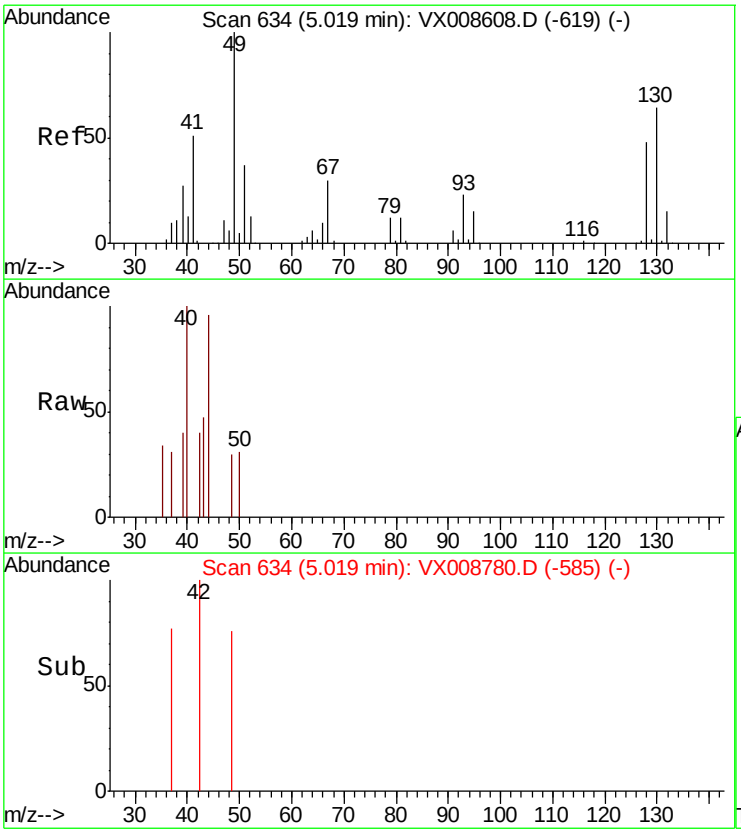
#25
2-Butanone
Concen: 6.517 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17966

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.2	27.4

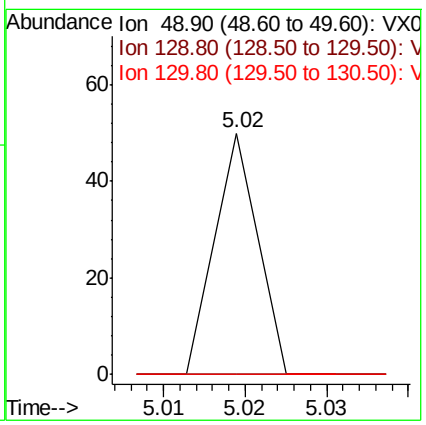


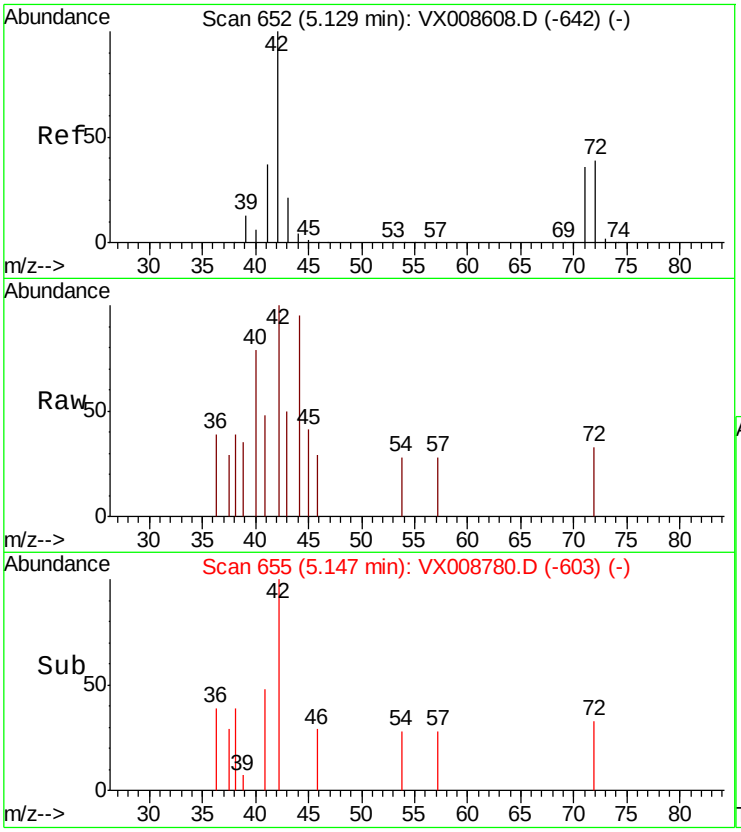


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 49 Resp: 18

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



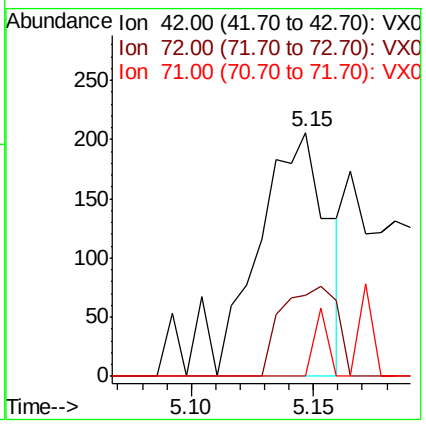


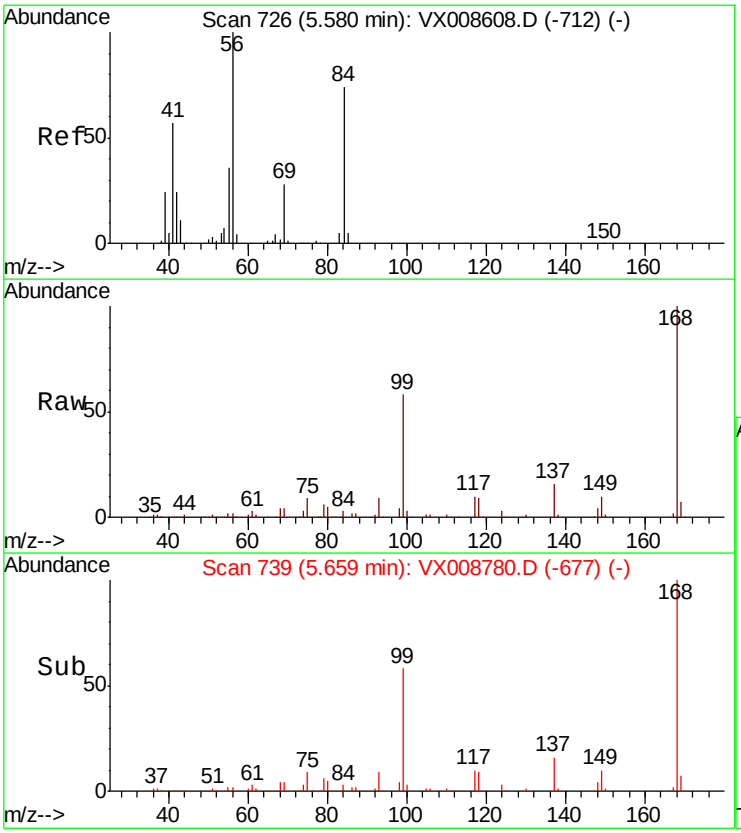
#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 422

Ion	Ratio	Lower	Upper
42	100		
72	28.4	30.5	45.7#
71	5.0	28.6	43.0#

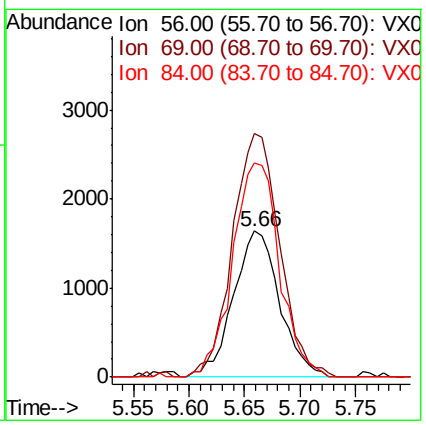


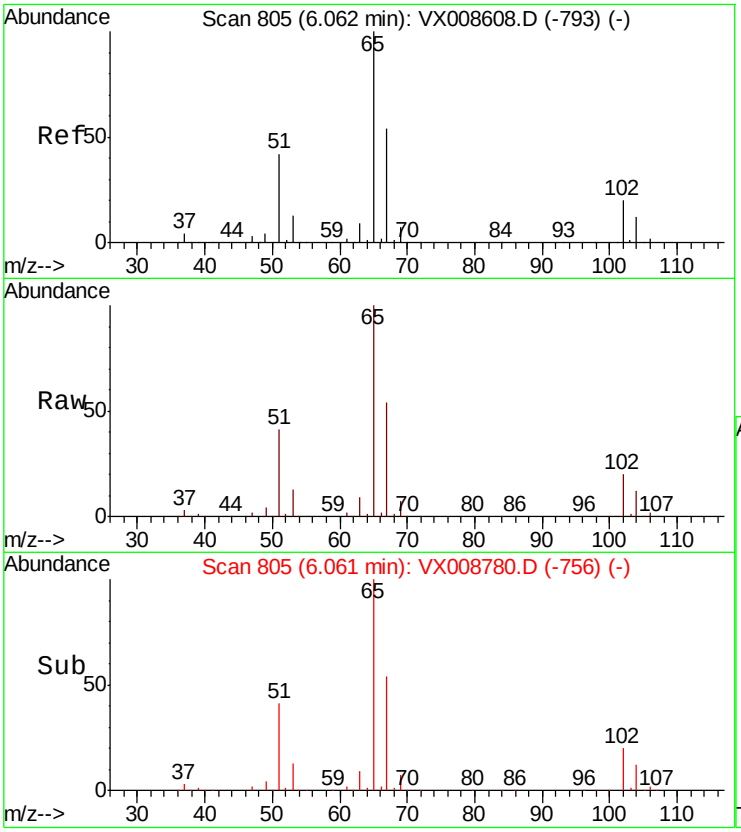


#31
Cyclohexane
Concen: 0.907 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 56 Resp: 4748

Ion	Ratio	Lower	Upper
56	100		
69	166.4	22.6	33.8#
84	146.5	59.3	88.9#



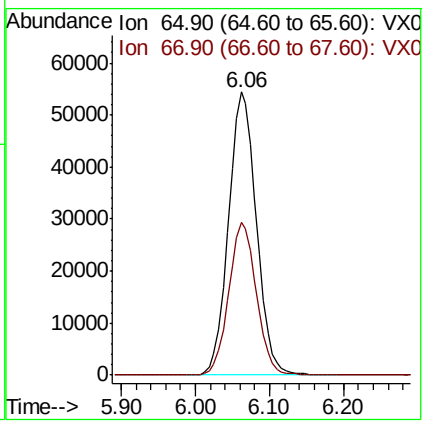


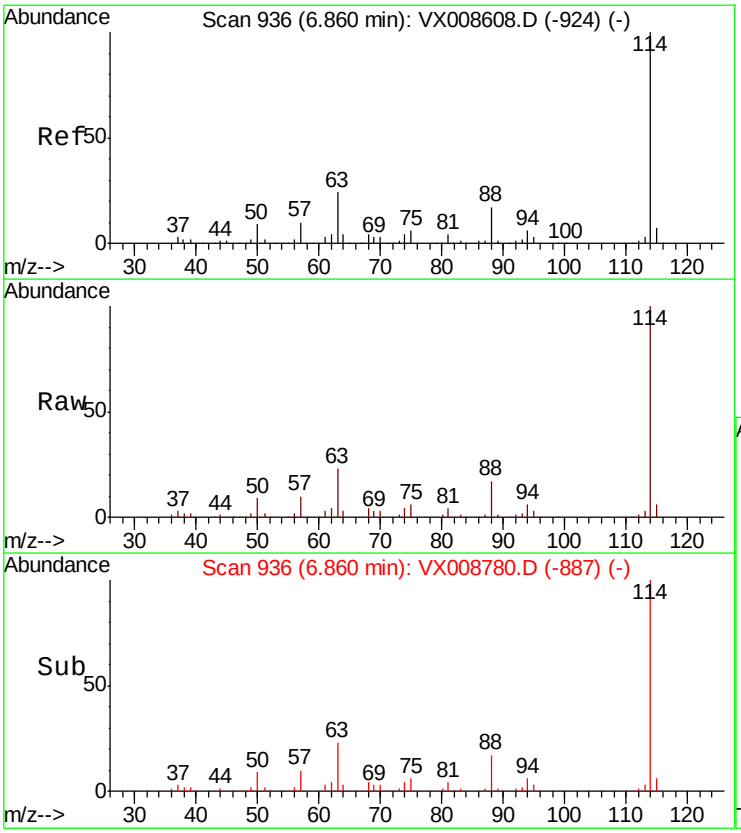
#33
1,2-Dichloroethane-d4
Concen: 47.155 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 142800

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.2

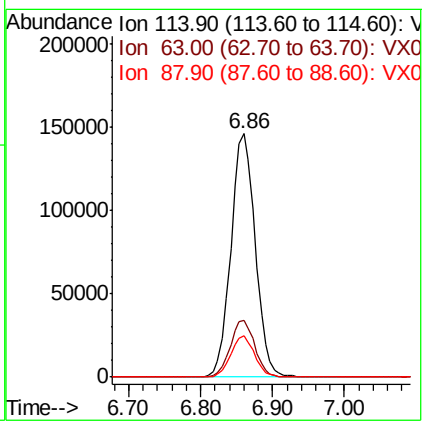


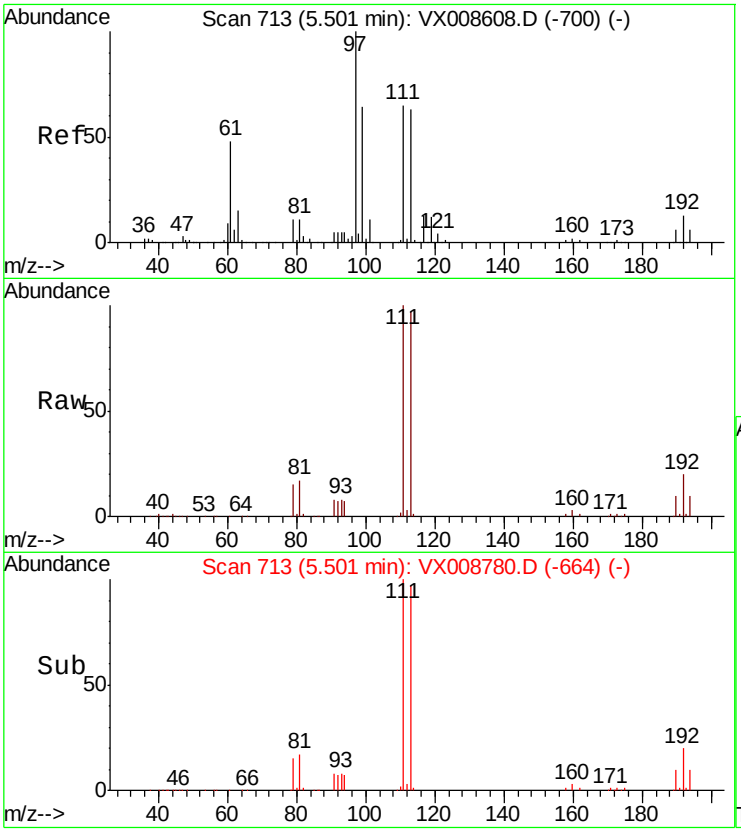


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion:114 Resp: 343430

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	47.2
88	17.2	0.0	34.0



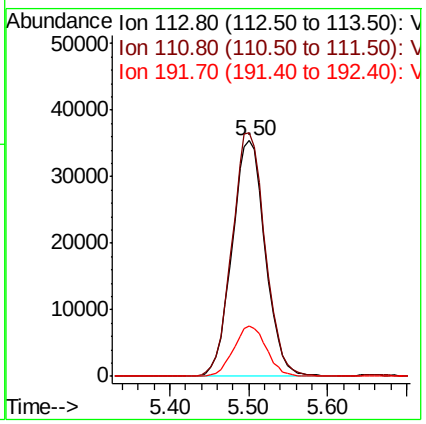


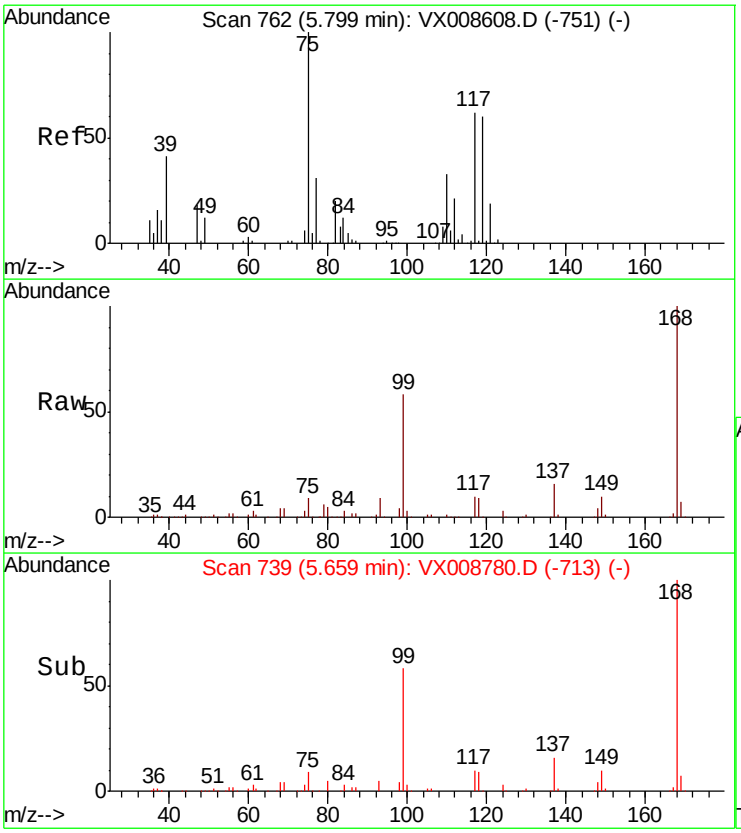
#35
Dibromofluoromethane
Concen: 47.166 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 103565

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	21.0	16.1	24.1

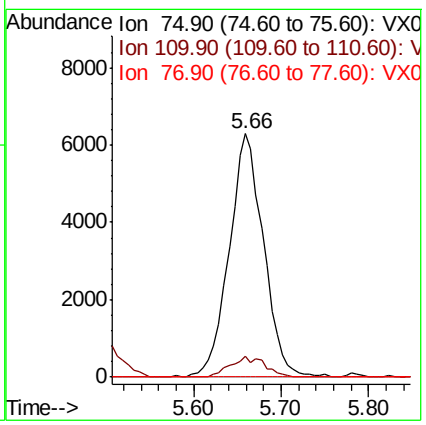


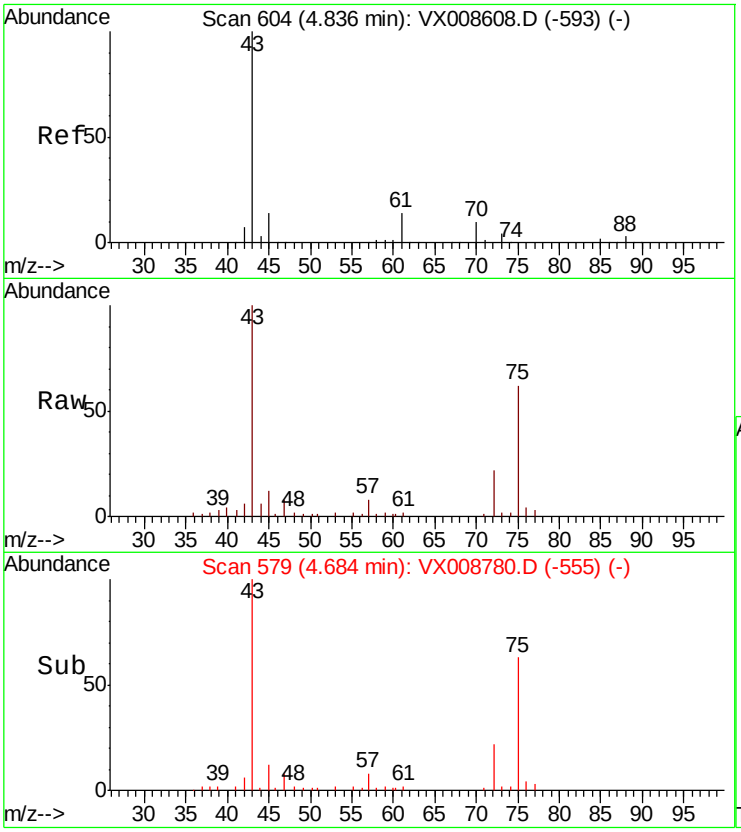


#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 75 Resp: 17151

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.4	49.2#
77	0.0	24.7	37.1#



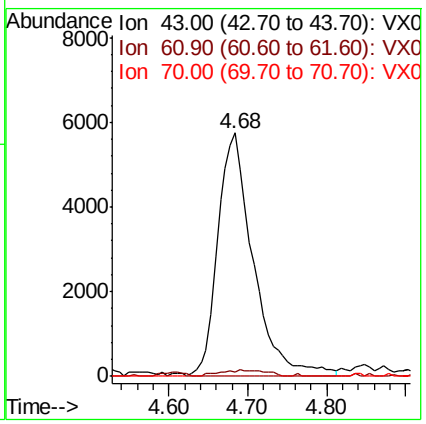


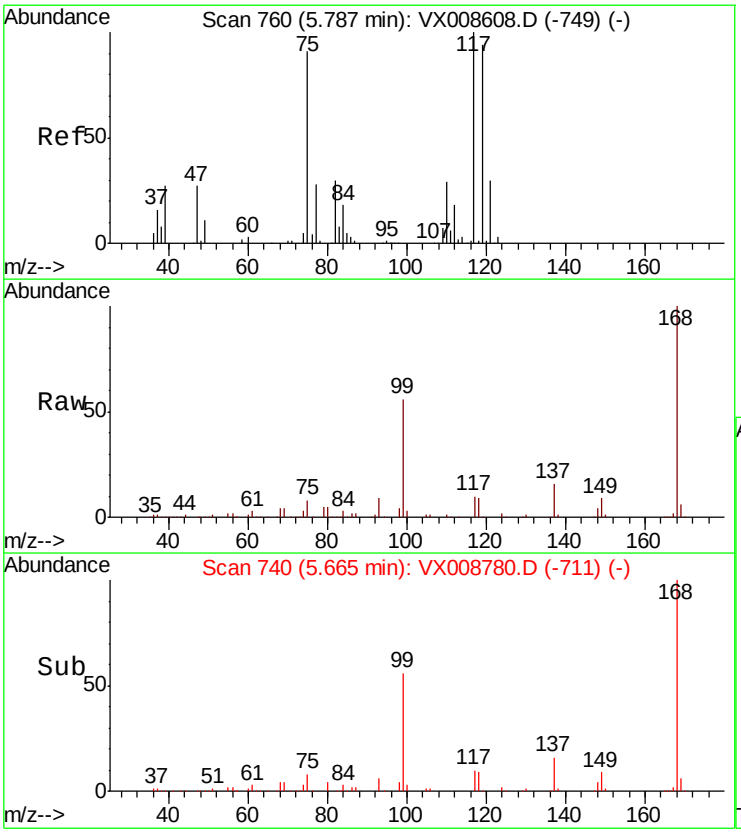
#37
Ethyl Acetate
Concen: 3.585 ug/l
RT: 4.68 min Scan# 579
Delta R.T. -0.15 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 17966

Ion	Ratio	Lower	Upper
43	100		
61	3.4	10.3	15.5#
70	0.0	7.6	11.4#

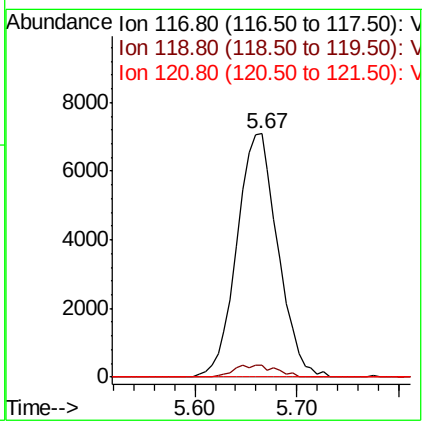


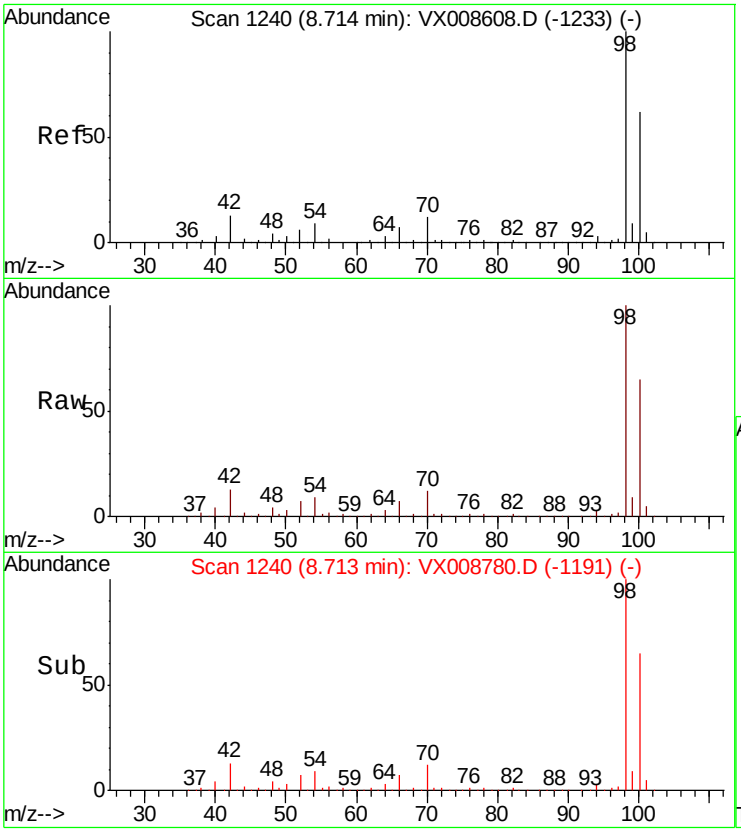


#38
Carbon Tetrachloride
Concen: 6.354 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion:117 Resp: 19742

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.0	112.6#
121	0.0	24.3	36.5#



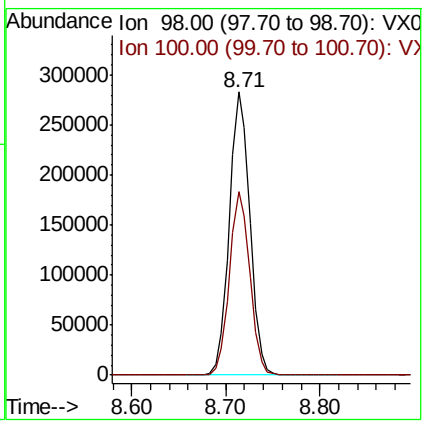


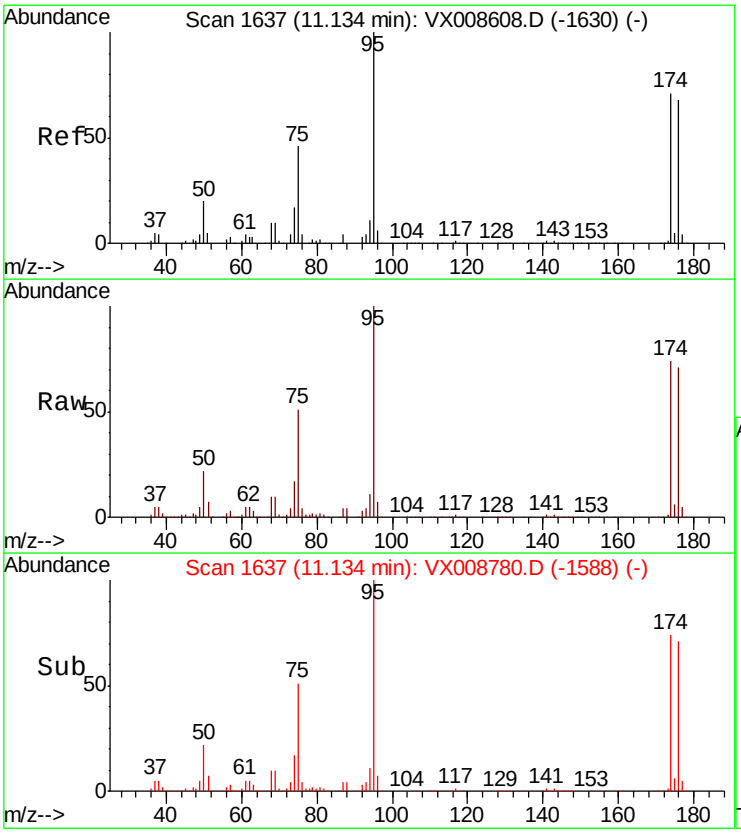
#50
Toluene-d8
Concen: 49.050 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 428844

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0

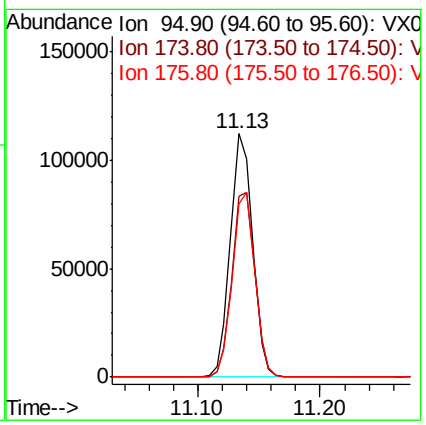


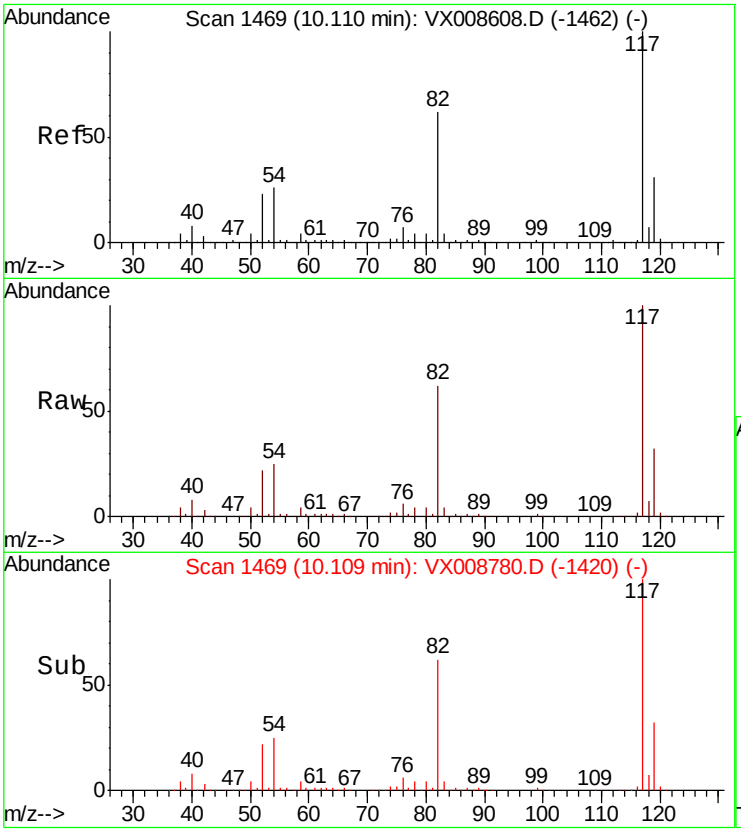


#62
4-Bromofluorobenzene
Concen: 45.703 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 95 Resp: 141696

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	151.8
176	76.1	0.0	145.8



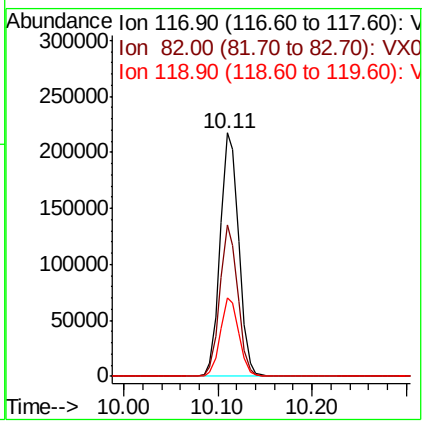


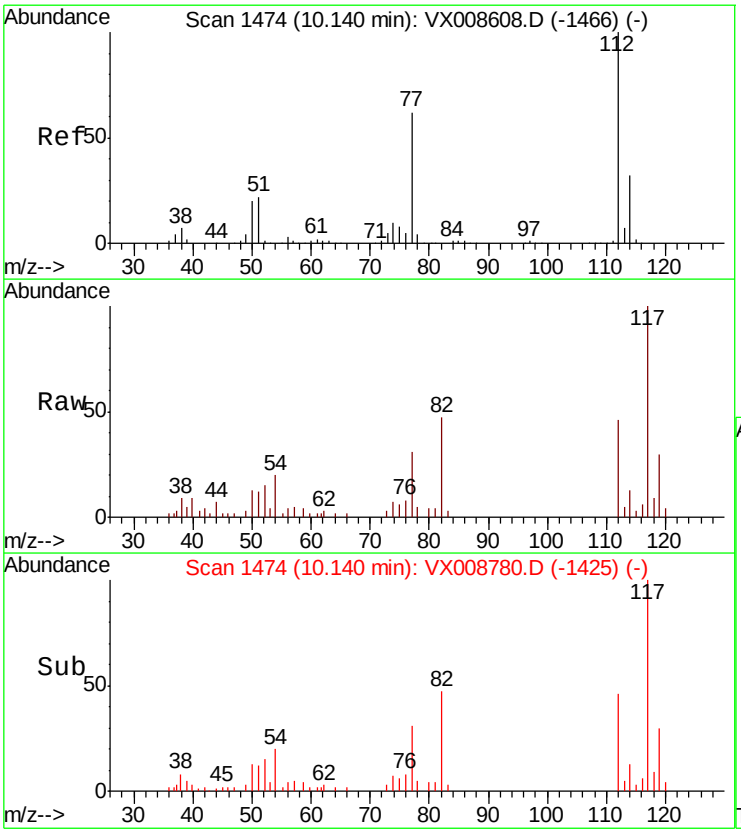
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 296307

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.6	74.4
119	32.2	25.0	37.4

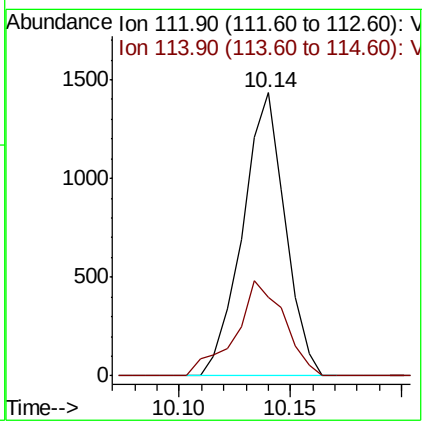


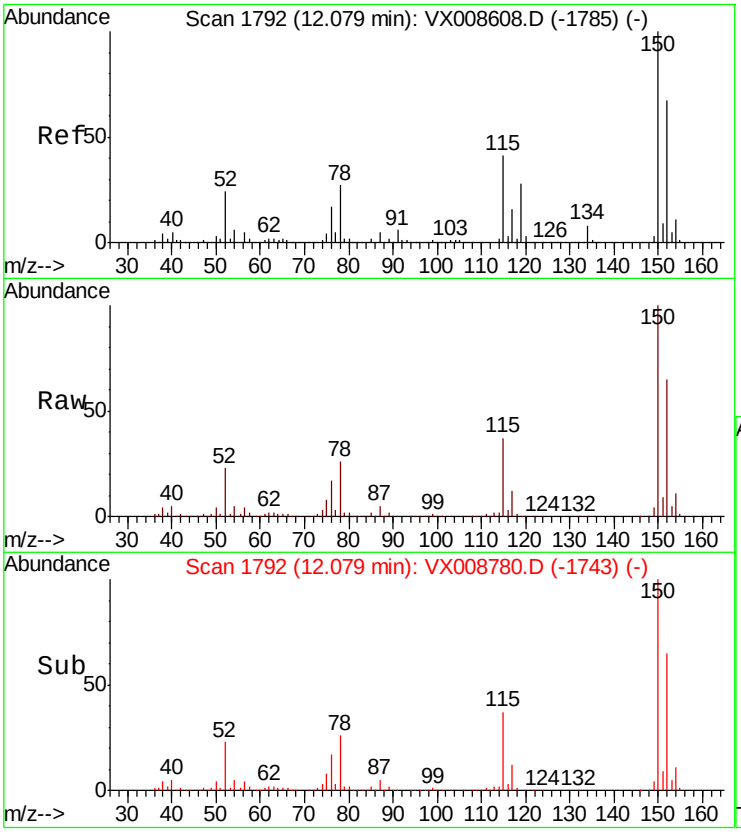


#65
Chlorobenzene
Concen: 0.291 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion:112 Resp: 1911

Ion	Ratio	Lower	Upper
112	100		
114	27.8	25.8	38.8



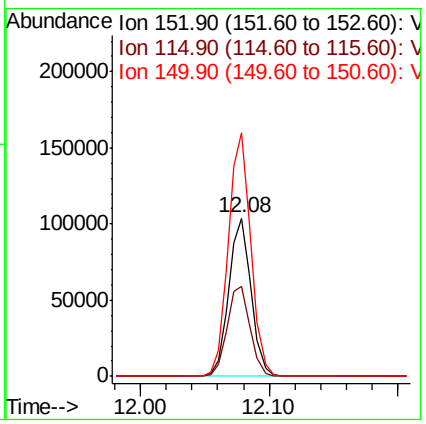


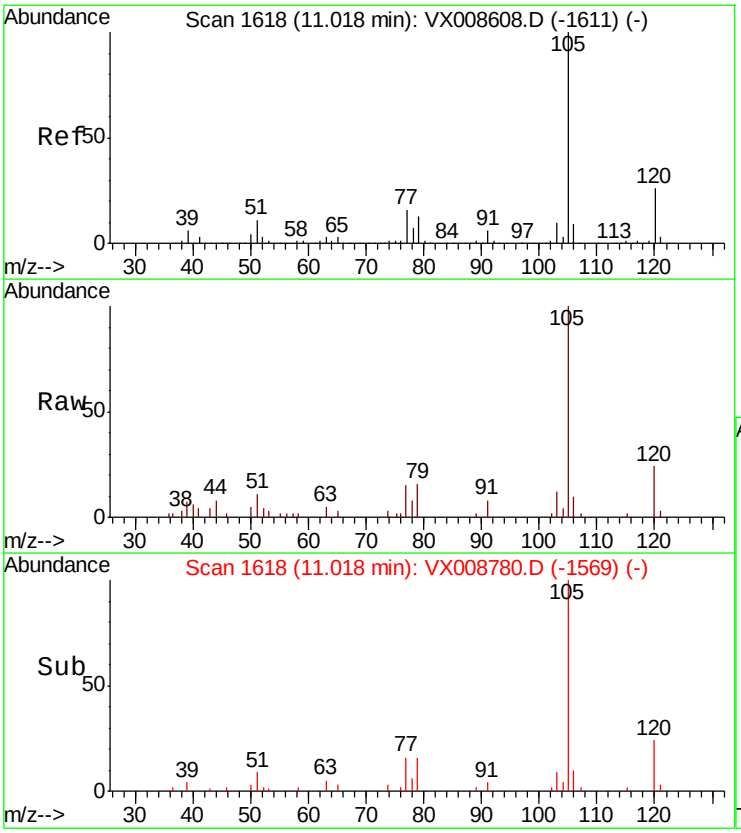
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 125574

Ion	Ratio	Lower	Upper
152	100		
115	59.2	43.5	130.5
150	155.6	0.0	348.8

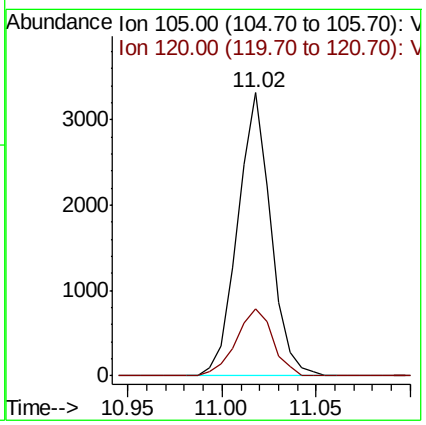


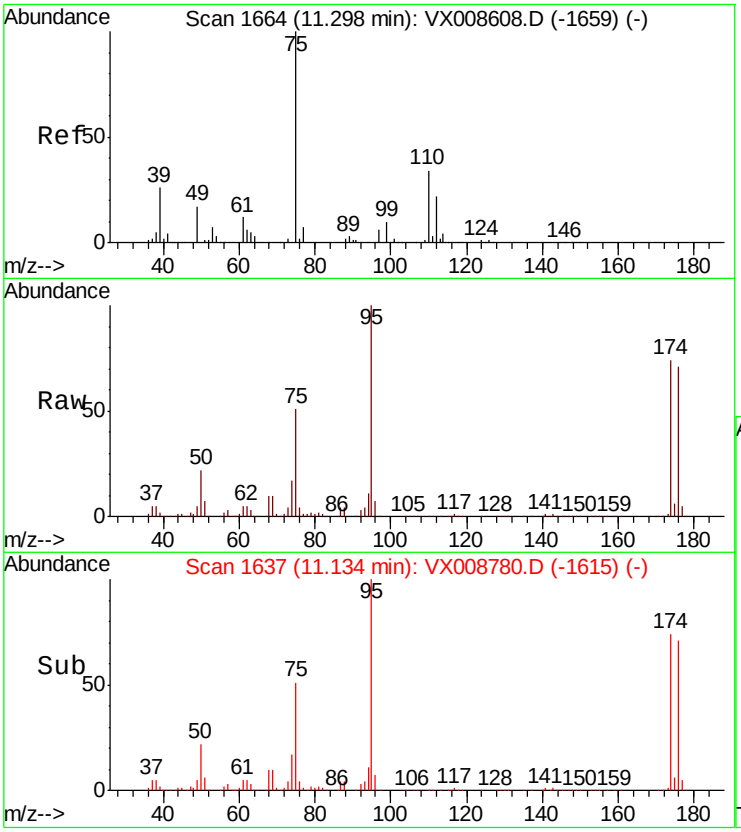


#73
Isopropylbenzene
Concen: 0.387 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion:105 Resp: 4032

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.9	38.6



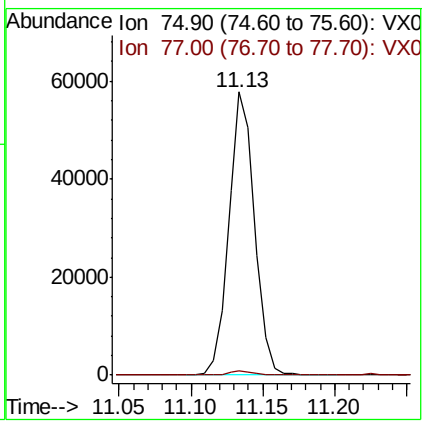


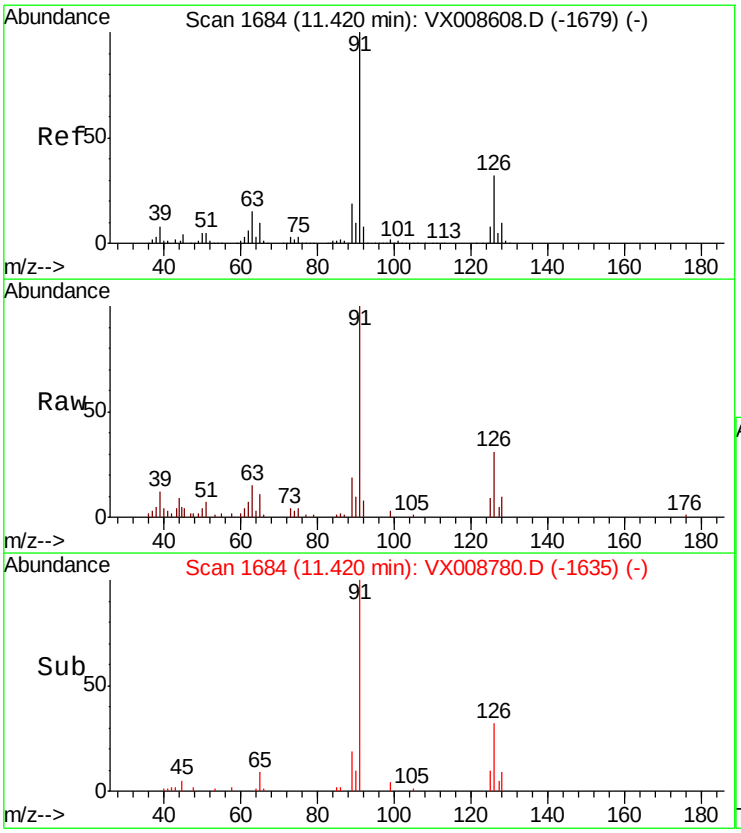
#76
1,2,3-Trichloropropane
Concen: 20.964 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72317

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#

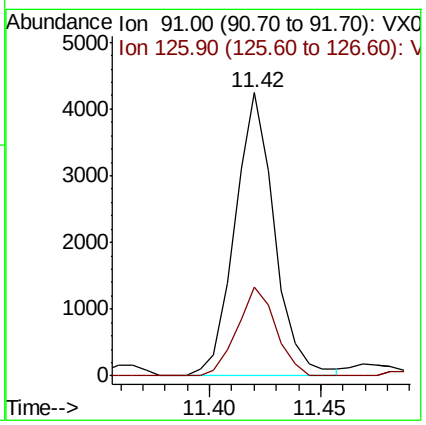


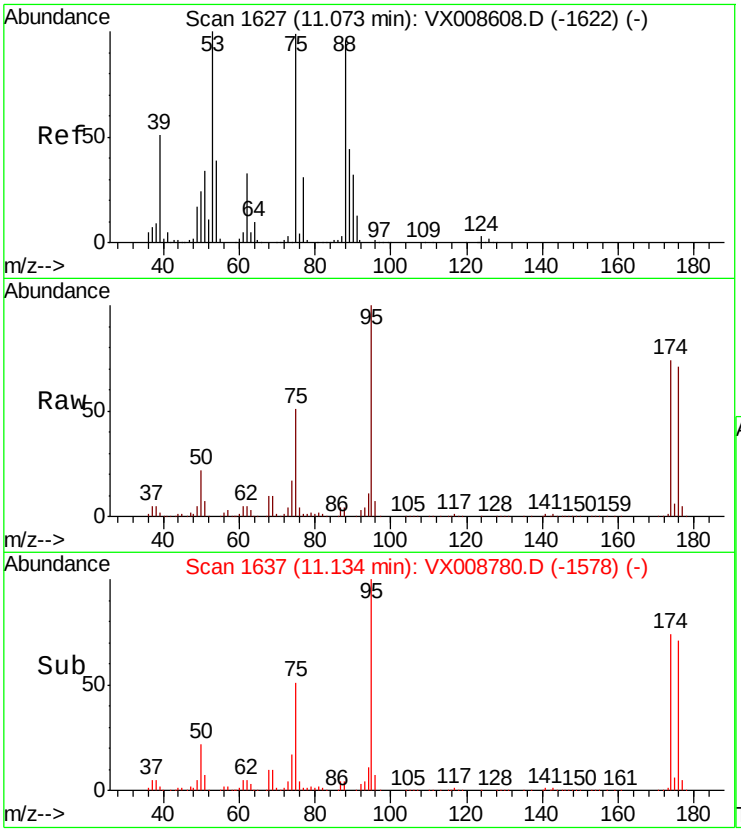


#79
2-Chlorotoluene
Concen: 0.719 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 91 Resp: 5269

Ion	Ratio	Lower	Upper
91	100		
126	30.5	16.1	48.3



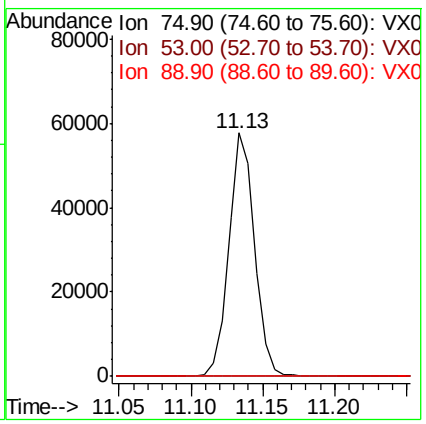


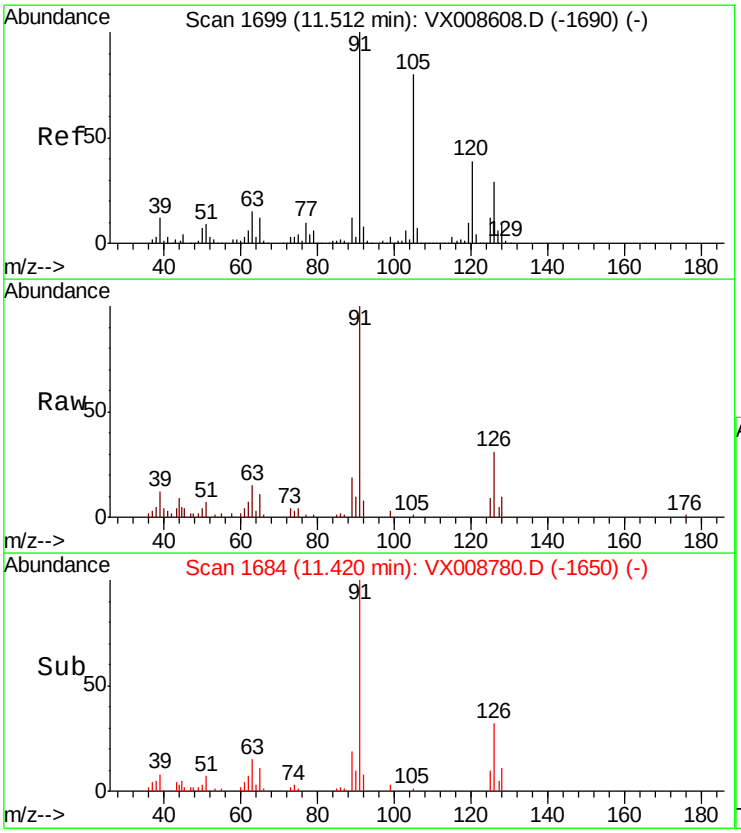
#81
trans-1,4-Dichloro-2-butene
Concen: 57.787 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 72317

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.0	35.6	53.4#

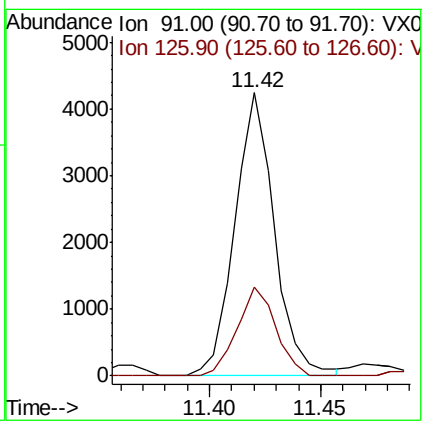


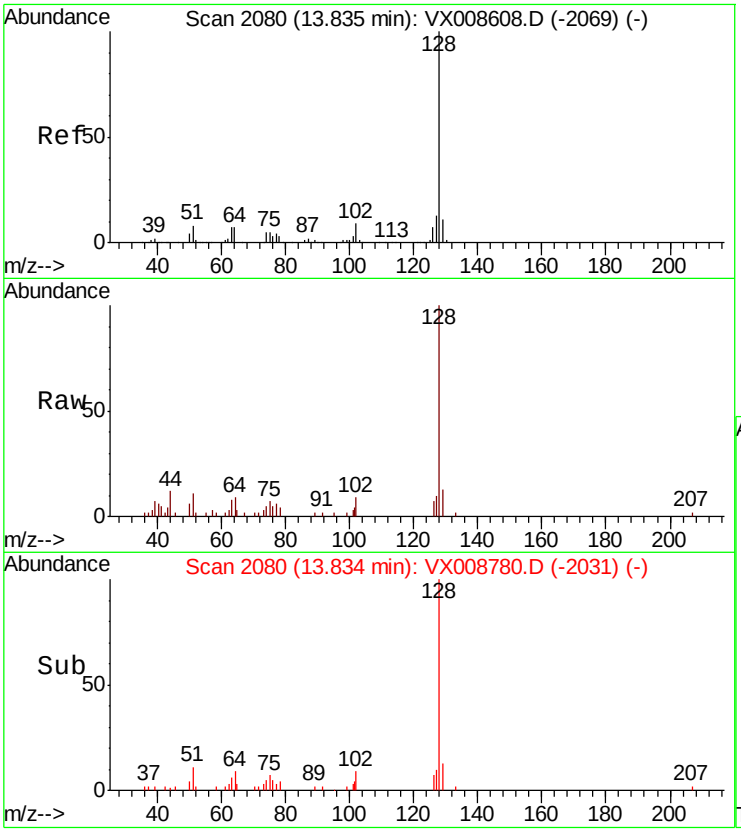


#82
4-Chlorotoluene
Concen: 0.621 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.09 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Tgt Ion: 91 Resp: 5269

Ion	Ratio	Lower	Upper
91	100		
126	30.5	13.9	41.6





#95
Naphthalene
Concen: 0.426 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008780.D
Acq: 09 Apr 2019 18:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 4399

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	13.1	8.6	13.0#