Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041819\
Data File : VX009056.D
Acq On : 18 Apr 2019 20:03
Operator : JC/SP
Sample : K2461-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : GMW-1

Quant Time: Apr 19 01:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156511	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
35) Dibromofluoromethane	5.50	113	113736	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.82%			
50) Toluene-d8	8.71	98	460551	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.28%			
62) 4-Bromofluorobenzene	11.13	95	148279	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.80%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	285	3.982	ug/l #	48
6) Chloroethane	1.54	64	21954	11.885	ug/l #	55
10) Methyl Iodide	2.50	142	97	4.449	ug/l #	42
11) Tert butyl alcohol	3.04	59	2948	4.129	ug/l	100
13) Acrolein	2.31	56	182	0.295	ug/l #	14
16) Acetone	2.45	43	62657	37.562	ug/l	97
17) Carbon Disulfide	2.57	76	1088	1.400	ug/l #	87
25) 2-Butanone	4.70	43	2127	0.798	ug/l #	86
28) Bromochloromethane	5.04	49	64	Below Cal	#	21
29) Tetrahydrofuran	5.14	42	639	0.358	ug/l #	38
36) 1,1-Dichloropropene	5.67	75	18064	4.672	ug/l #	50
38) Carbon Tetrachloride	5.67	117	21502	6.560	ug/l #	17
40) Benzene	6.15	78	13964	1.224	ug/l	98
49) 1,4-Dioxane	7.99	88	20	0.270	ug/l #	1
65) Chlorobenzene	10.14	112	27441	4.117	ug/l	98
73) Isopropylbenzene	11.02	105	2018	0.202	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	76647	23.852	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76647	61.235	ug/l #	11
83) tert-Butylbenzene	11.77	119	2426	0.302	ug/l	80
85) sec-Butylbenzene	11.94	105	2428	0.253	ug/l	100
86) p-Isopropyltoluene	12.23	119	3294	0.374	ug/l	89
88) 1,4-Dichlorobenzene	12.10	146	6163	1.380	ug/l #	73
90) Hexachloroethane	12.66	117	1556	1.070	ug/l #	6
91) 1,2-Dichlorobenzene	12.39	146	989	0.227	ug/l	82
92) 1,2-Dibromo-3-Chloropropan	12.97	75	286	0.345	ug/l #	2
95) Naphthalene	13.83	128	2166	0.215	ug/l #	90

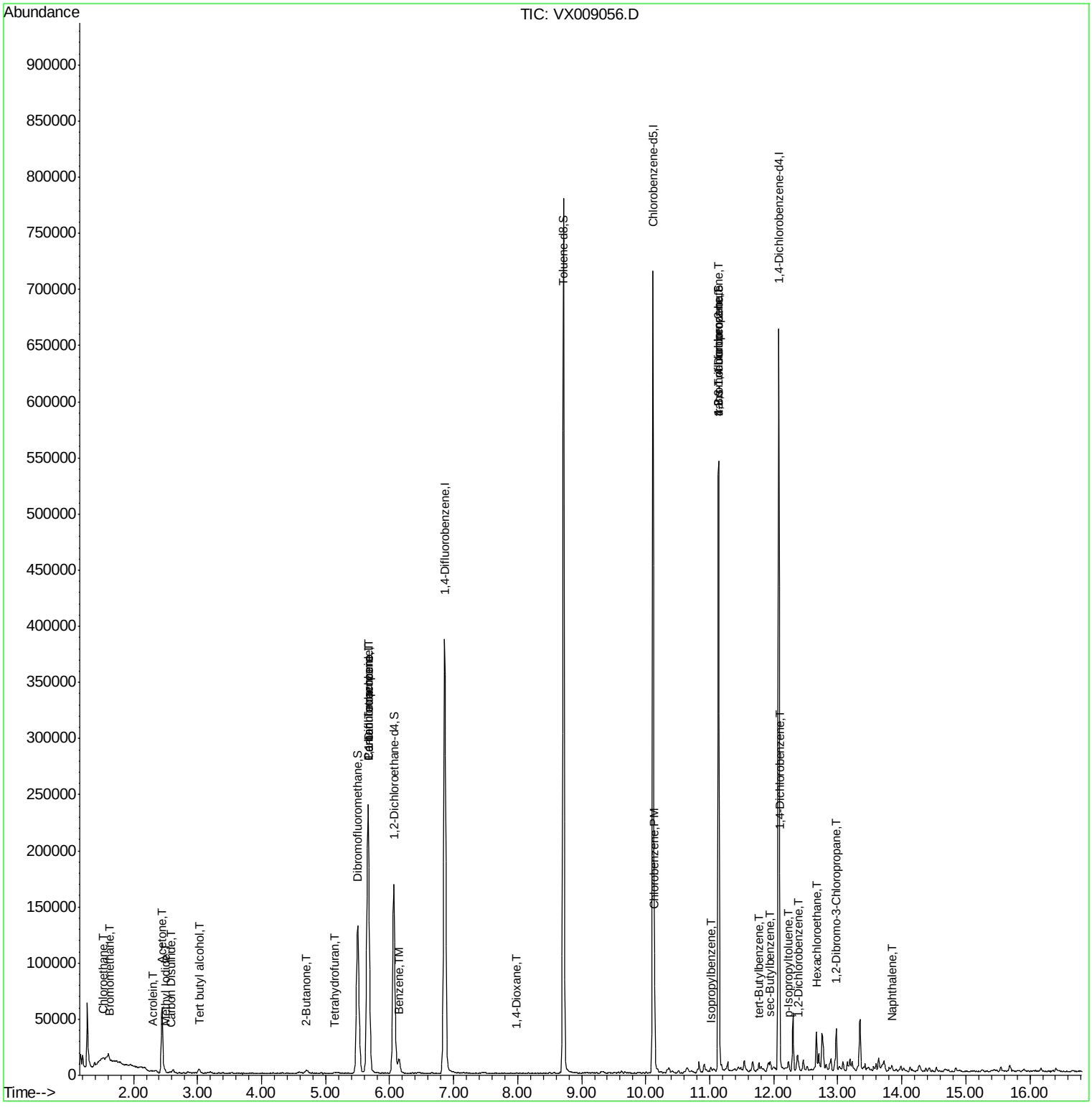
(#) = qualifier out of range (m) = manual integration (+) = signals summed

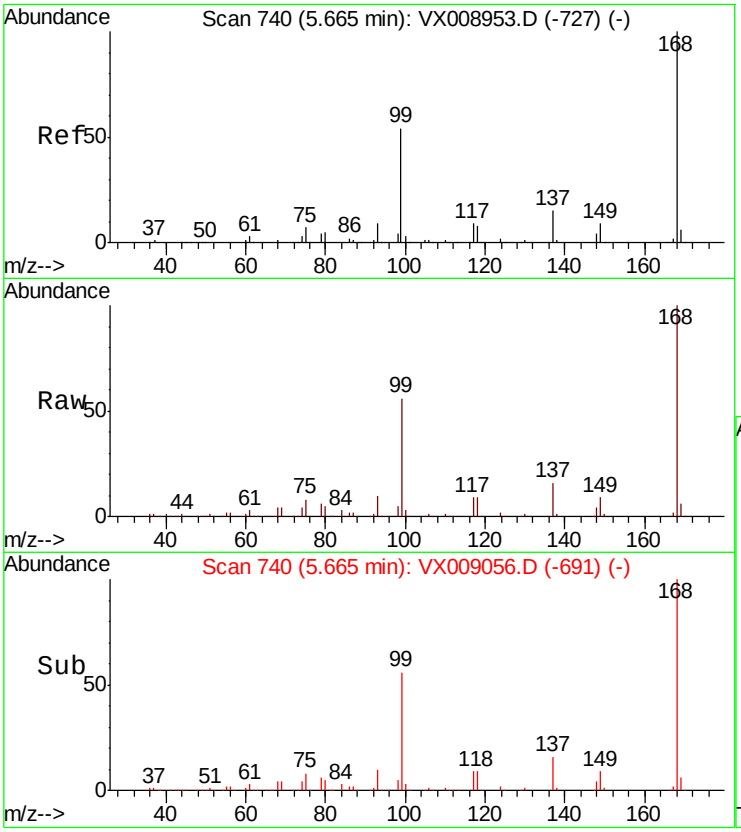
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041819\
Data File : VX009056.D
Acq On : 18 Apr 2019 20:03
Operator : JC/SP
Sample : K2461-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Quant Time: Apr 19 01:40:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration



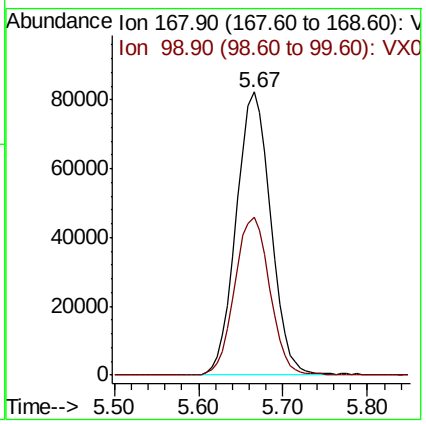


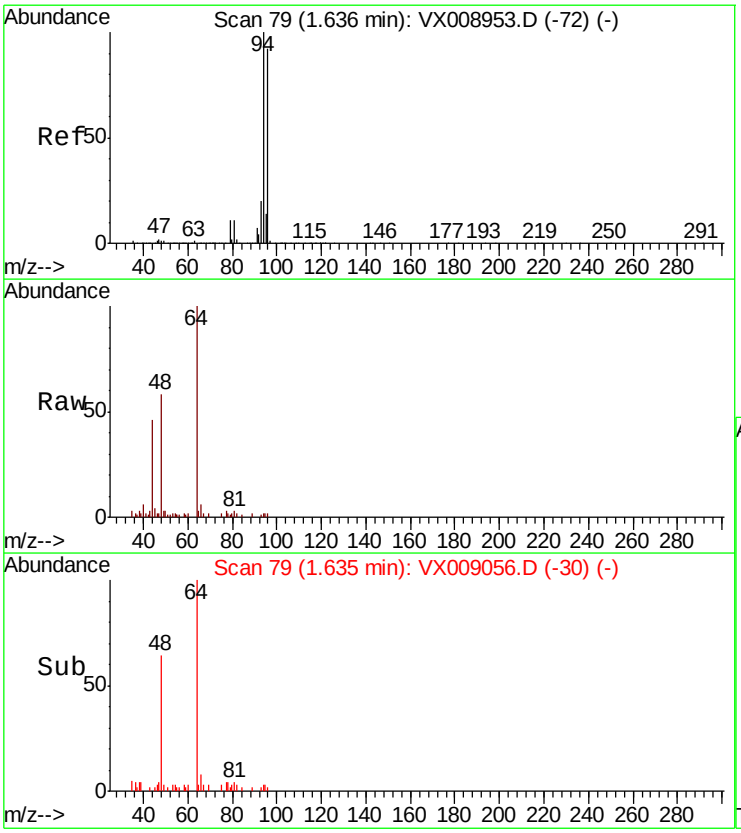
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:168 Resp: 228247

Ion	Ratio	Lower	Upper
168	100		
99	55.9	43.0	64.6

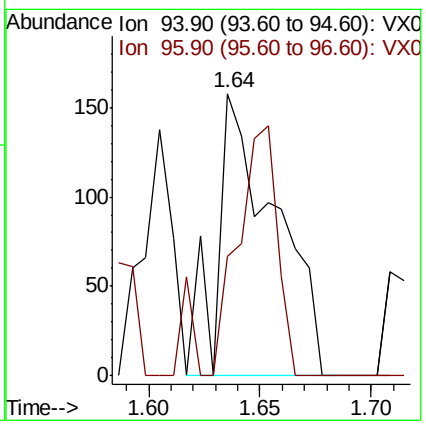


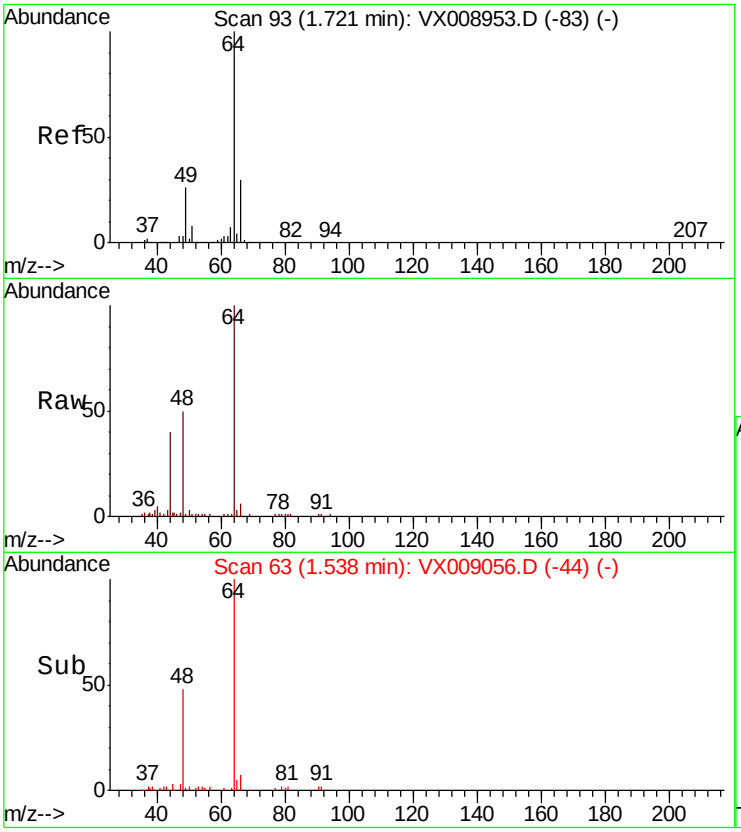


#5
Bromomethane
Concen: 3.982 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 94 Resp: 285

Ion	Ratio	Lower	Upper
94	100		
96	42.4	73.9	110.9#



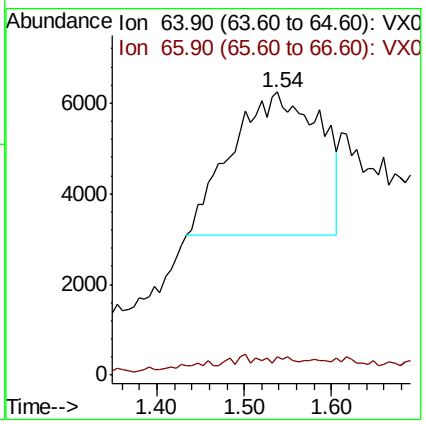


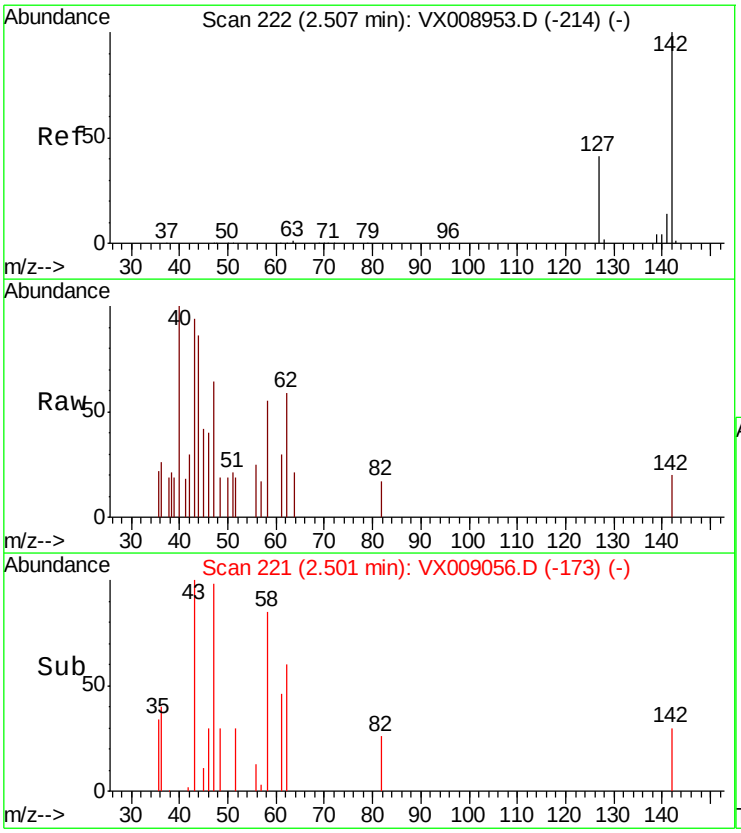
#6
Chloroethane
Concen: 11.885 ug/l
RT: 1.54 min Scan# 63
Delta R.T. -0.18 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 64 Resp: 21954

Ion	Ratio	Lower	Upper
64	100		
66	5.9	24.2	36.2#

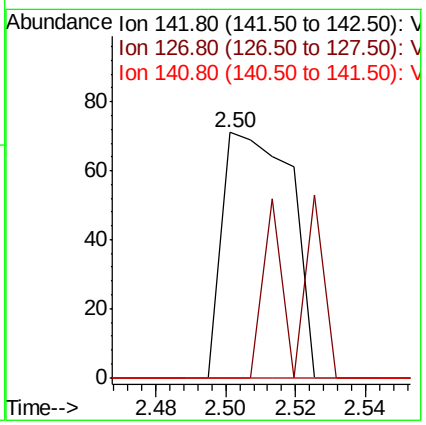


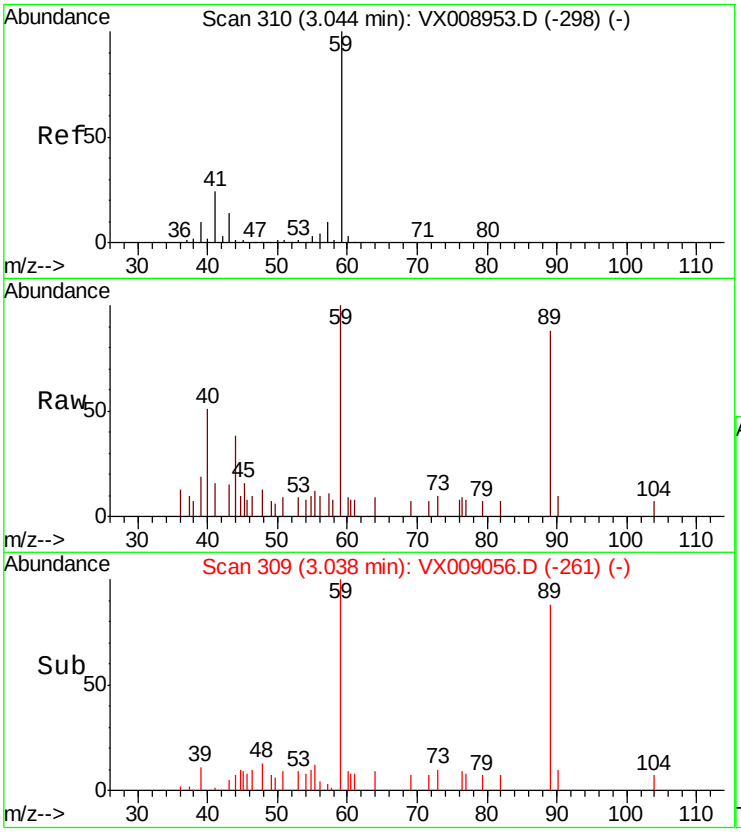


#10
Methyl Iodide
Concen: 4.449 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:142 Resp: 97

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.8	49.2#
141	0.0	11.4	17.2#



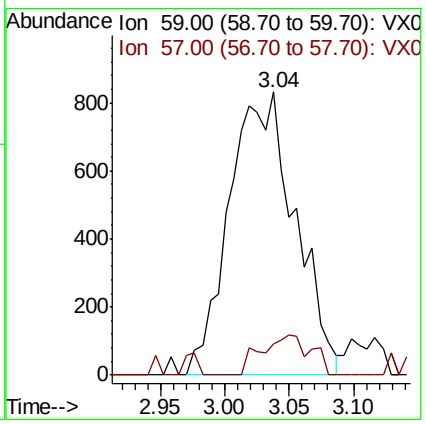


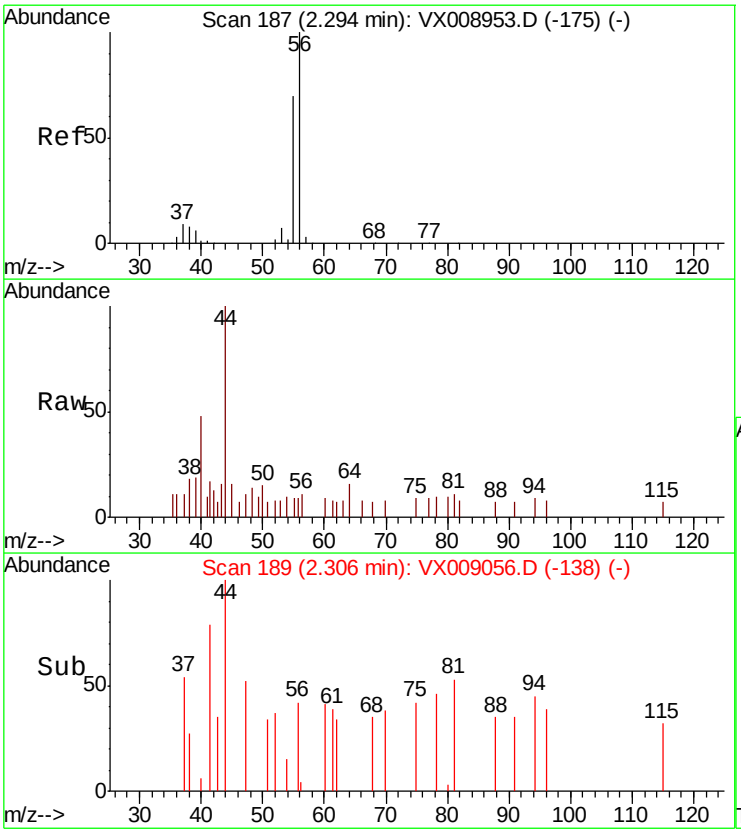
#11
Tert butyl alcohol
Concen: 4.129 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 59 Resp: 2948

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

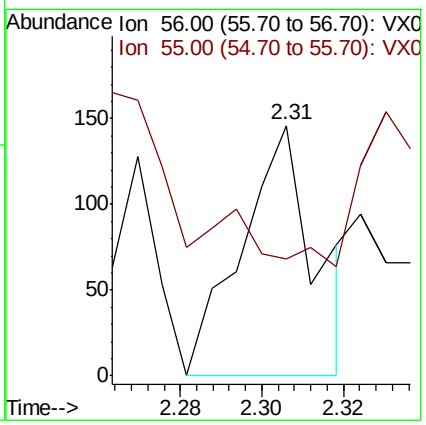


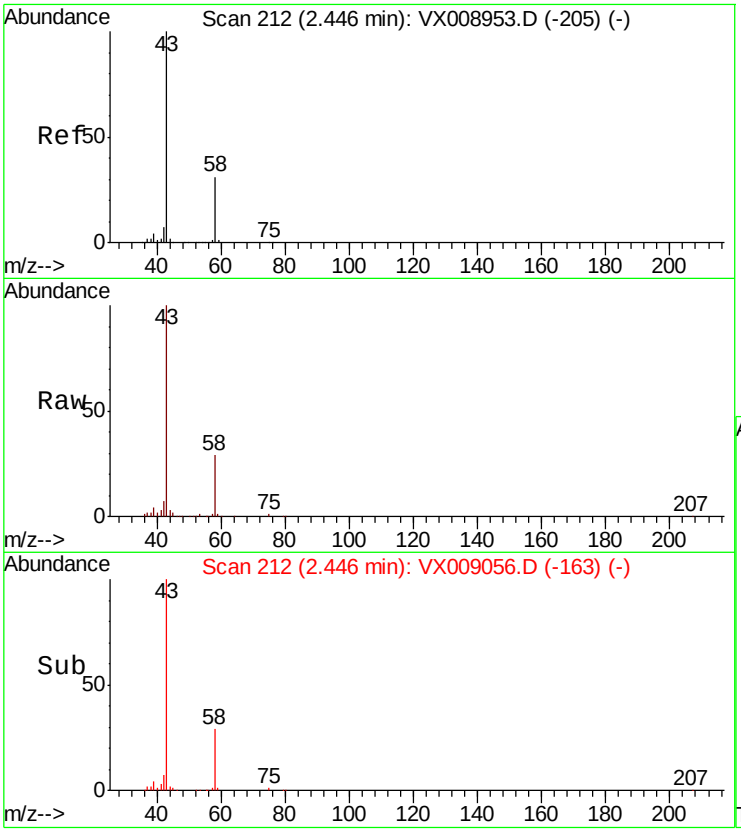


#13
Acrolein
Concen: 0.295 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 56 Resp: 182

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.6	84.8#



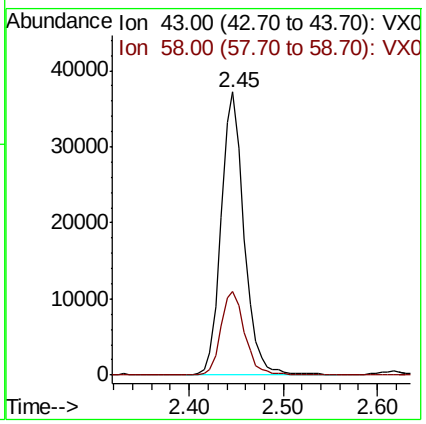


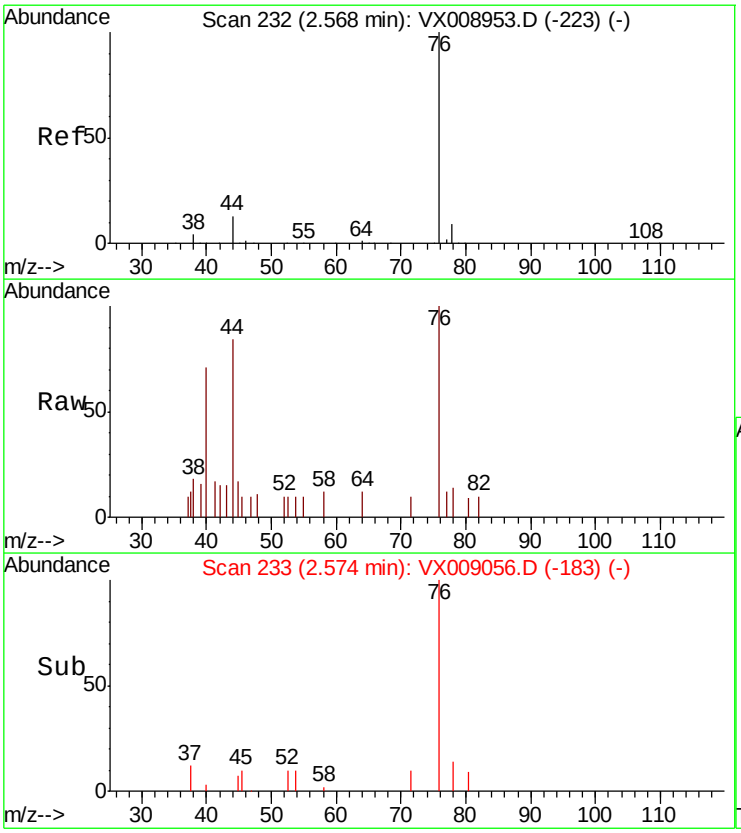
#16
Acetone
Concen: 37.562 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 43 Resp: 62657

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.8	37.2

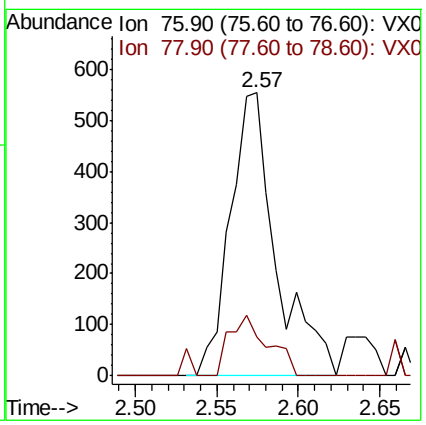


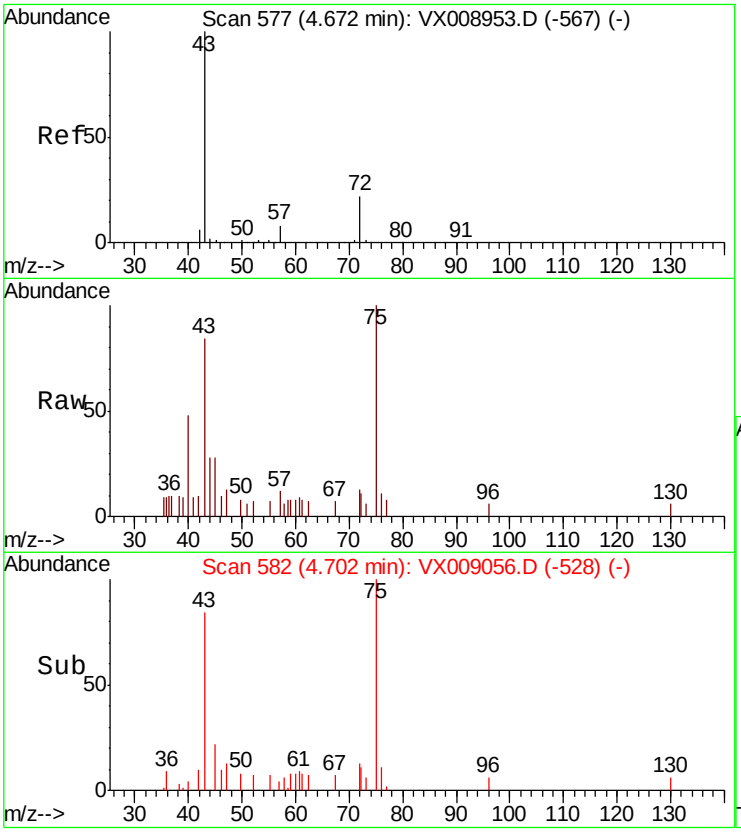


#17
Carbon Disulfide
Concen: 1.400 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 76 Resp: 1088

Ion	Ratio	Lower	Upper
76	100		
78	13.7	7.2	10.8#



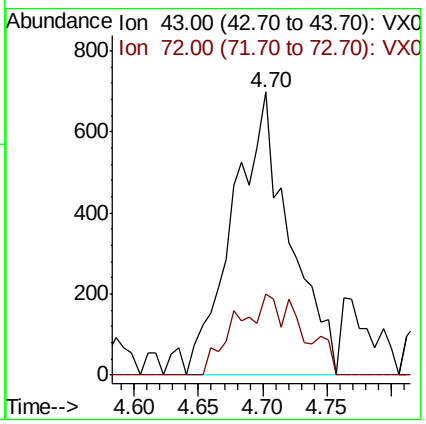


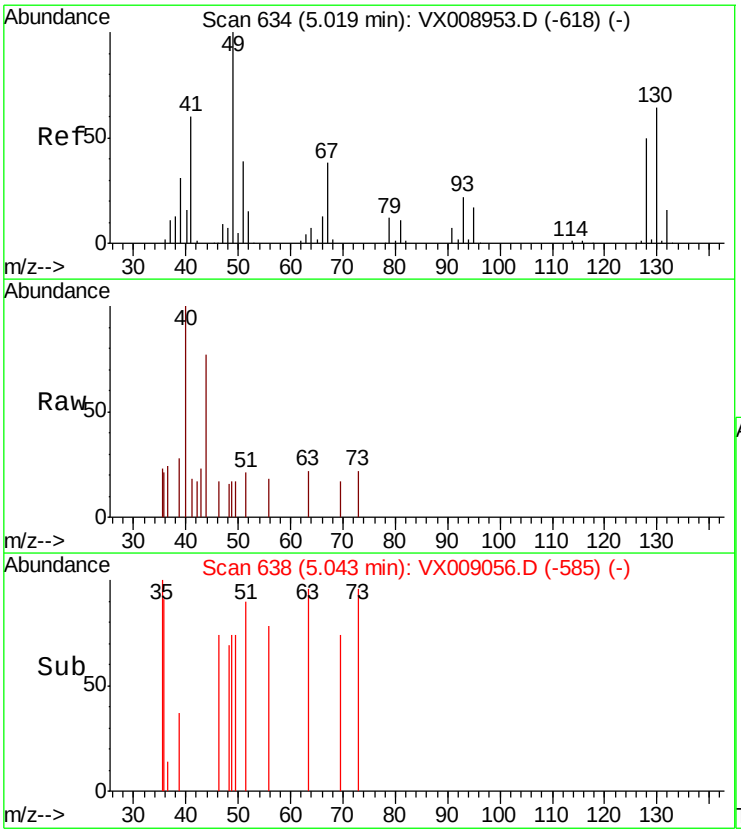
#25
2-Butanone
Concen: 0.798 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.03 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 43 Resp: 2127

Ion	Ratio	Lower	Upper
43	100		
72	28.7	17.5	26.3#

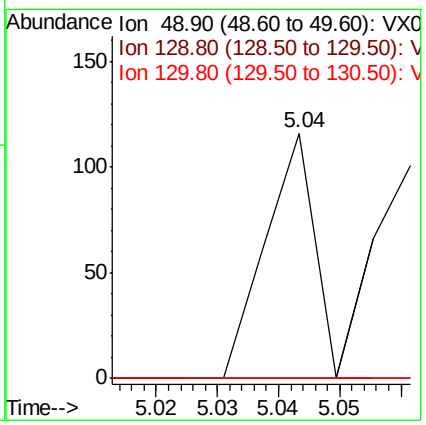


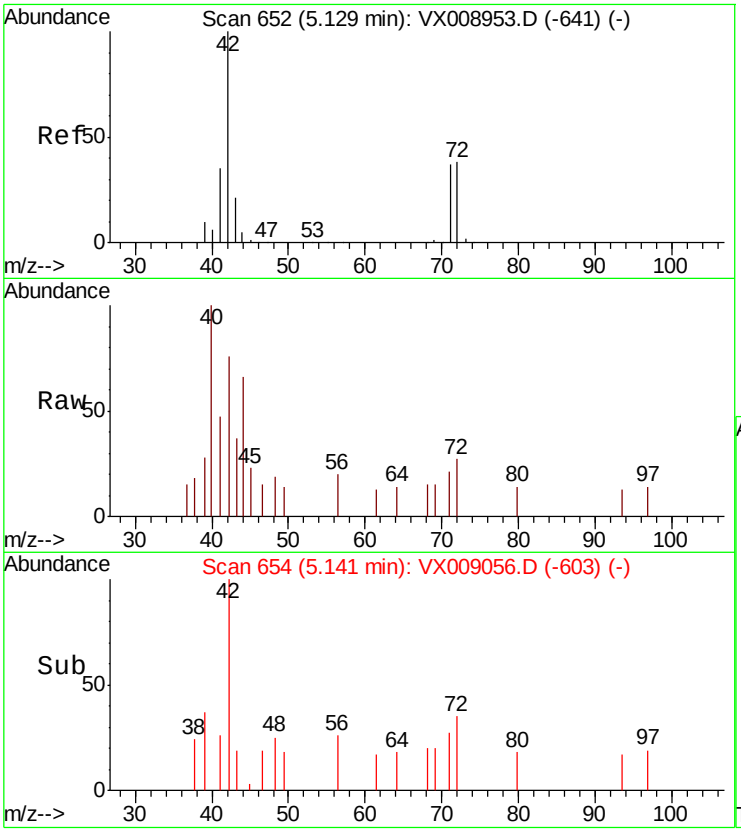


#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 638
Delta R.T. 0.02 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 49 Resp: 64

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	50.4	75.6#



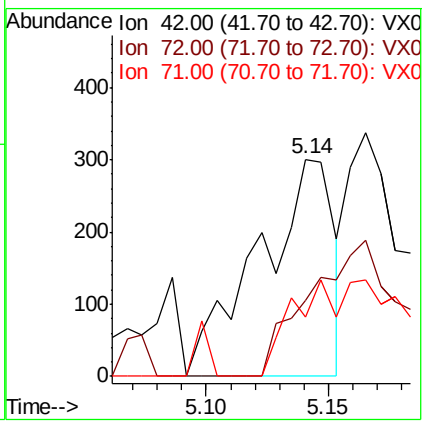


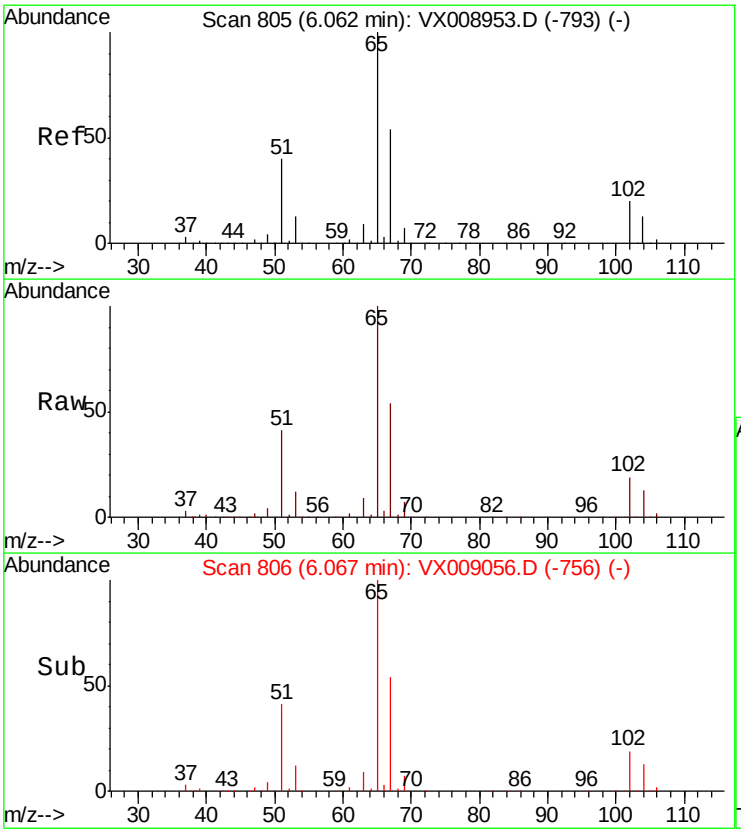
#29
Tetrahydrofuran
Concen: 0.358 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 42 Resp: 639

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.6	45.8#
71	0.0	28.8	43.2#

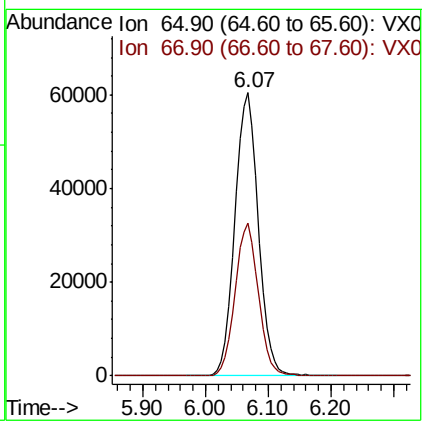


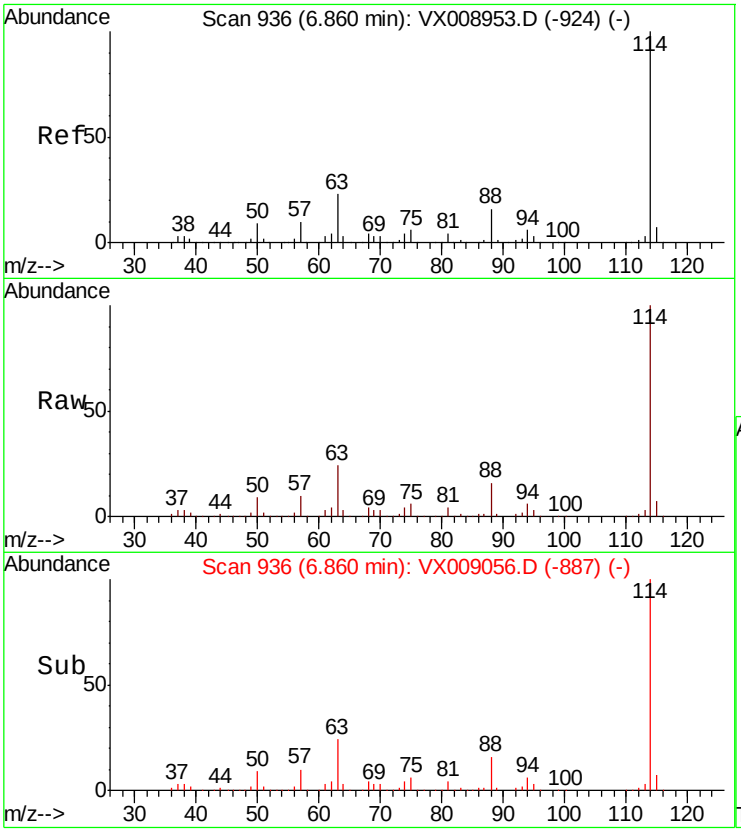


#33
1,2-Dichloroethane-d4
Concen: 48.657 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 65 Resp: 156511

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.6



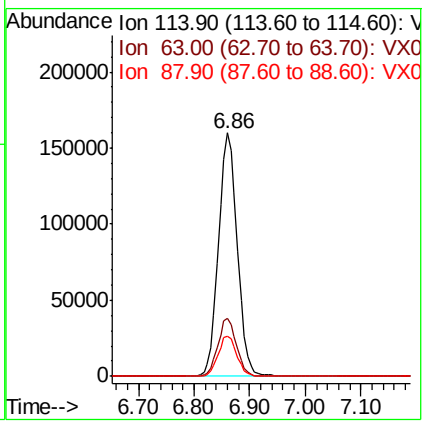


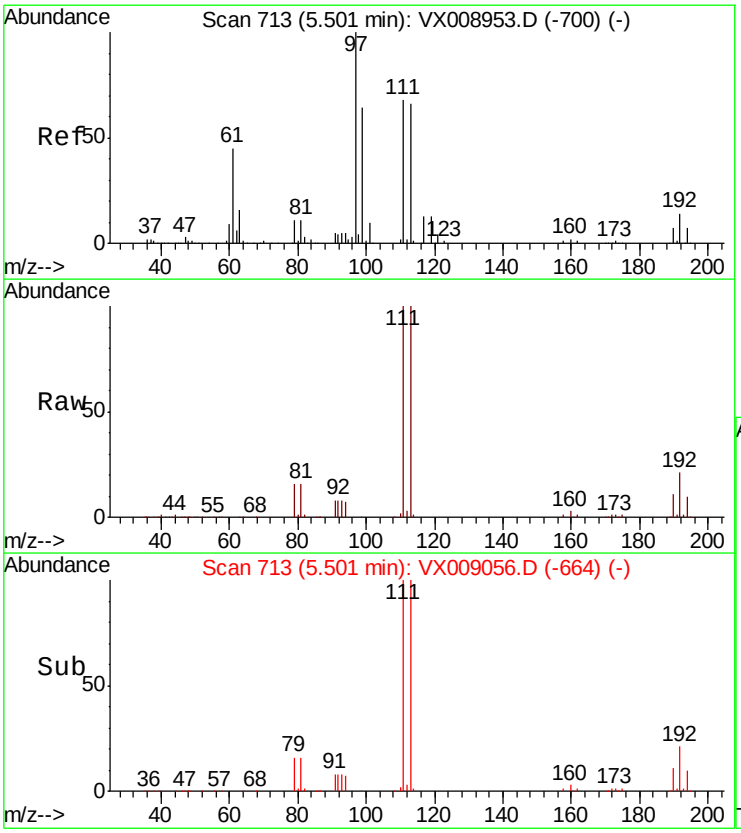
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:114 Resp: 373828

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.0
88	16.4	0.0	32.6

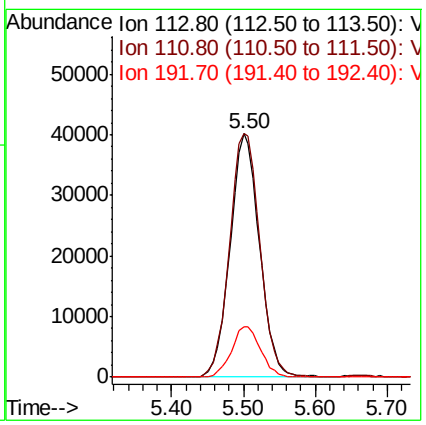


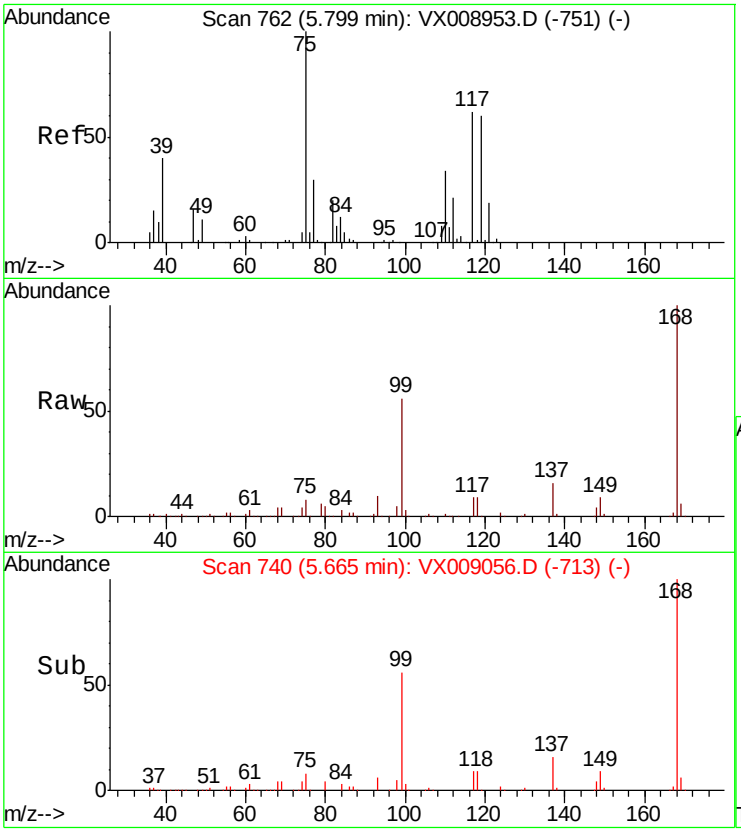


#35
Dibromofluoromethane
Concen: 47.407 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:113 Resp: 113736

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.7	17.4	26.0



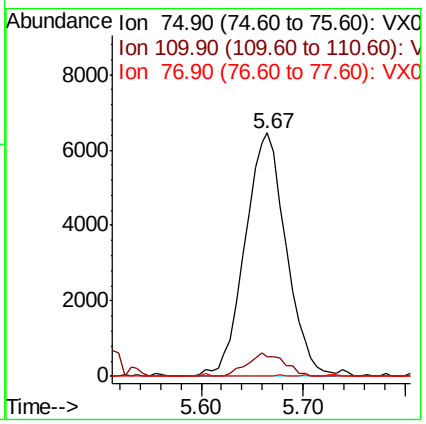


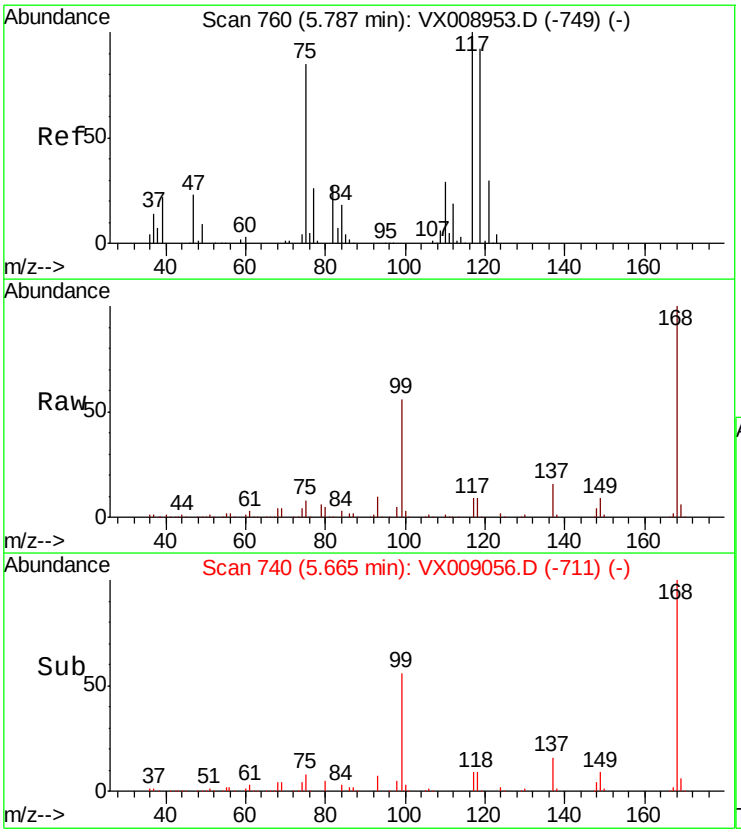
#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 75 Resp: 18064

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.7#
77	0.1	25.0	37.4#

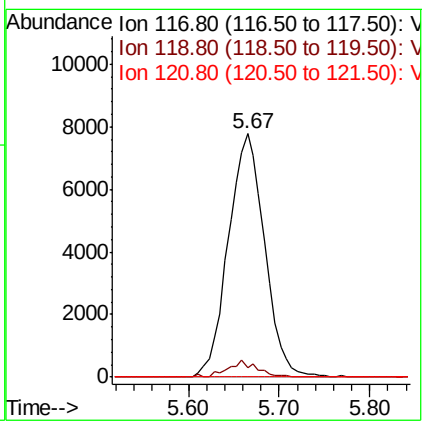


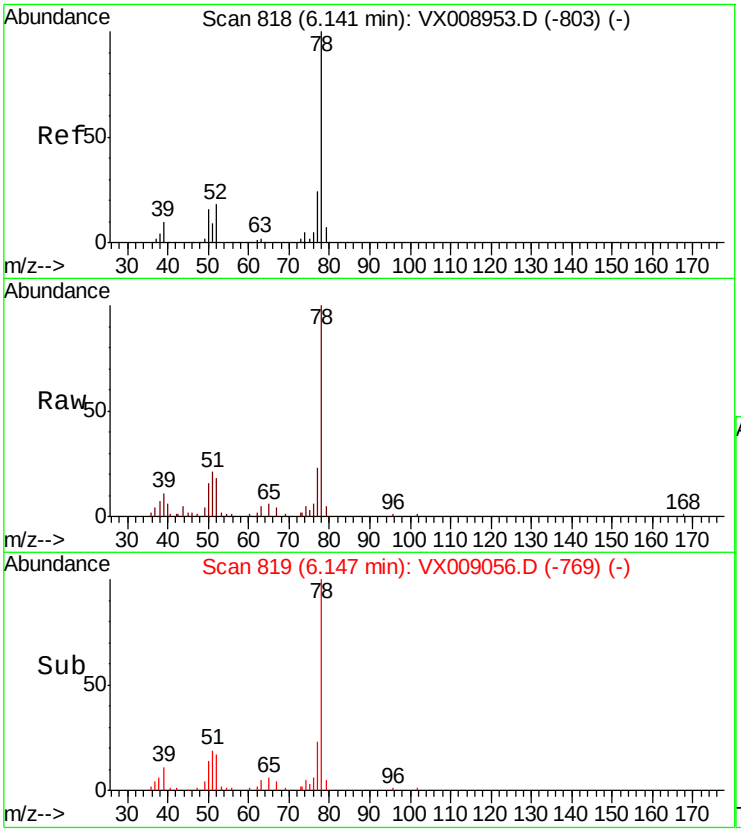


#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:117 Resp: 21502

Ion	Ratio	Lower	Upper
117	100		
119	4.0	73.8	110.8#
121	0.0	23.6	35.4#



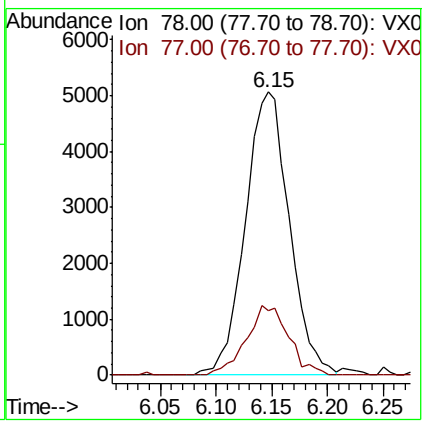


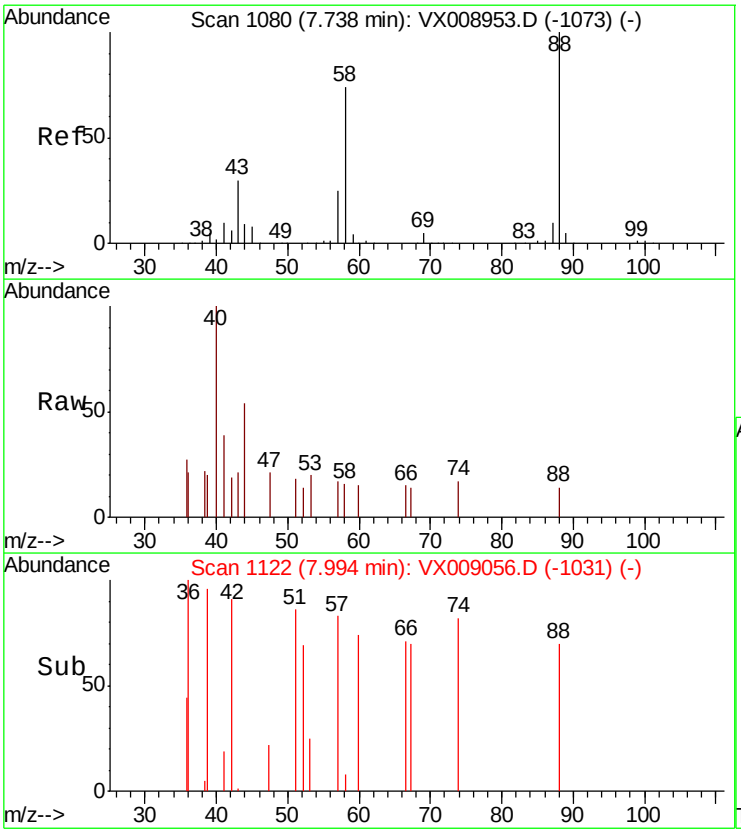
#40
Benzene
Concen: 1.224 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 78 Resp: 13964

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6

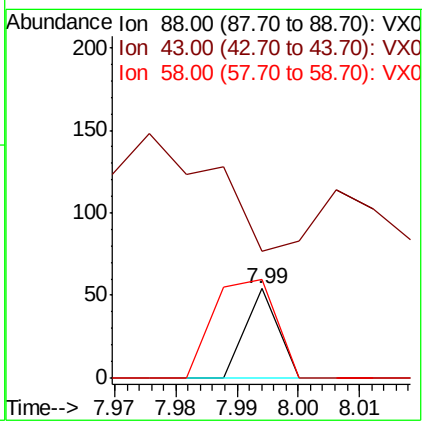


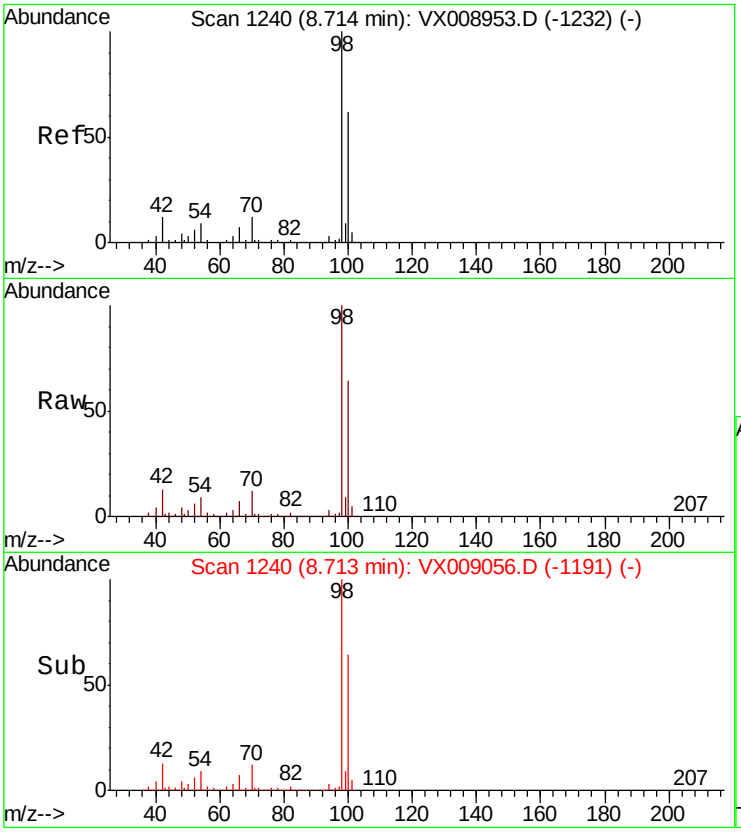


#49
1,4-Dioxane
Concen: 0.270 ug/l
RT: 7.99 min Scan# 1122
Delta R.T. 0.26 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	90.0	29.3	43.9#
58	210.0	62.6	93.8#



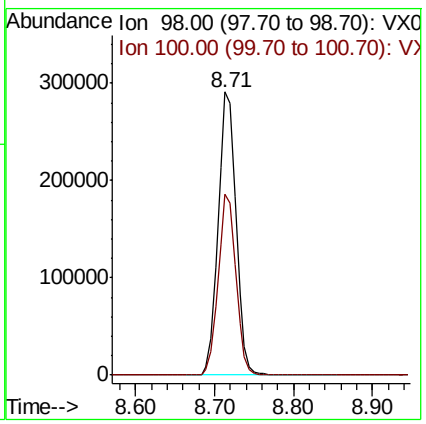


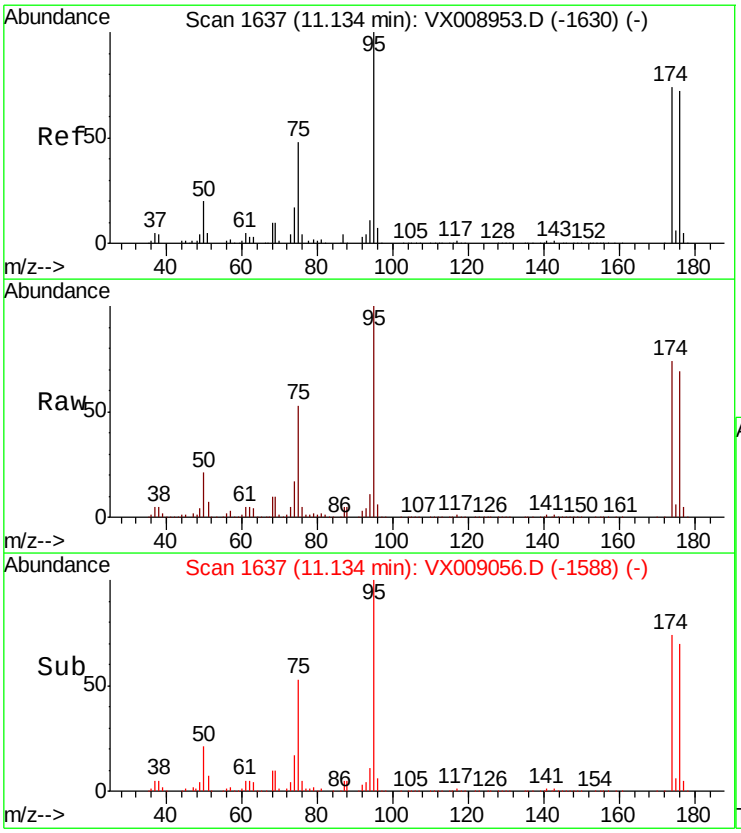
#50
Toluene-d8
Concen: 48.135 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 98 Resp: 460551

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2

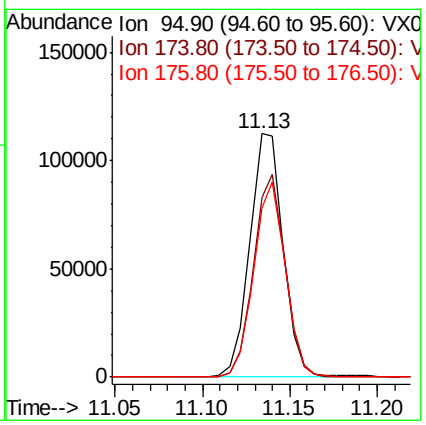


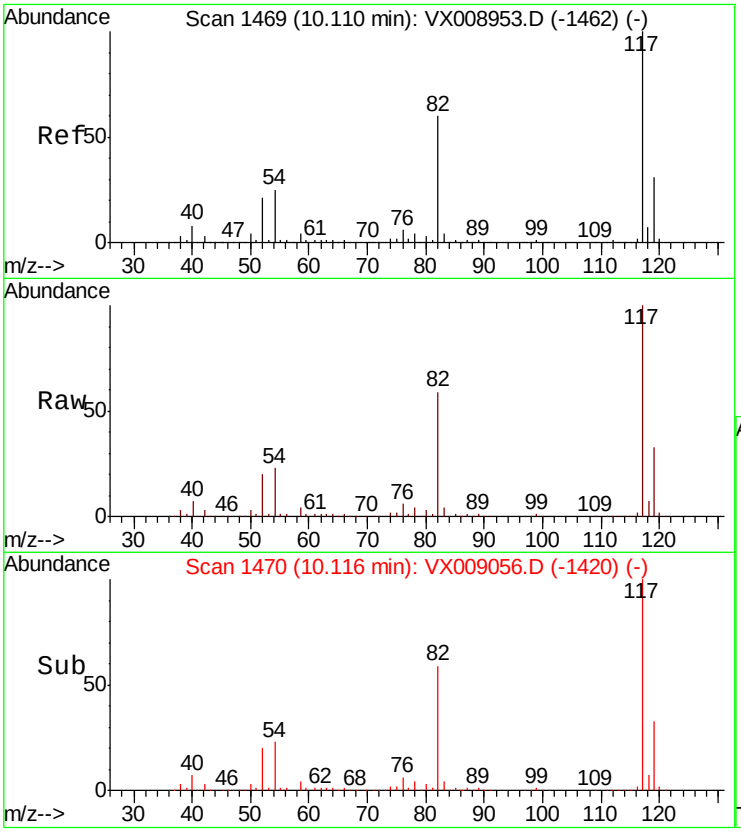


#62
4-Bromofluorobenzene
Concen: 43.902 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 95 Resp: 148279

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	159.6
176	76.6	0.0	154.8



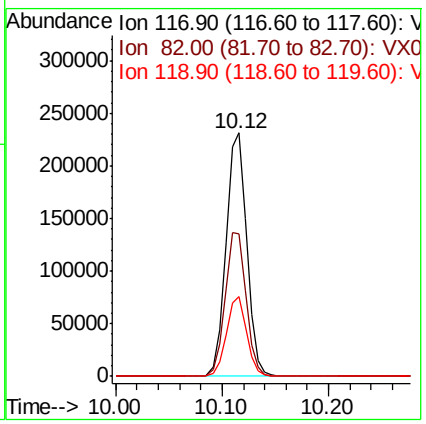


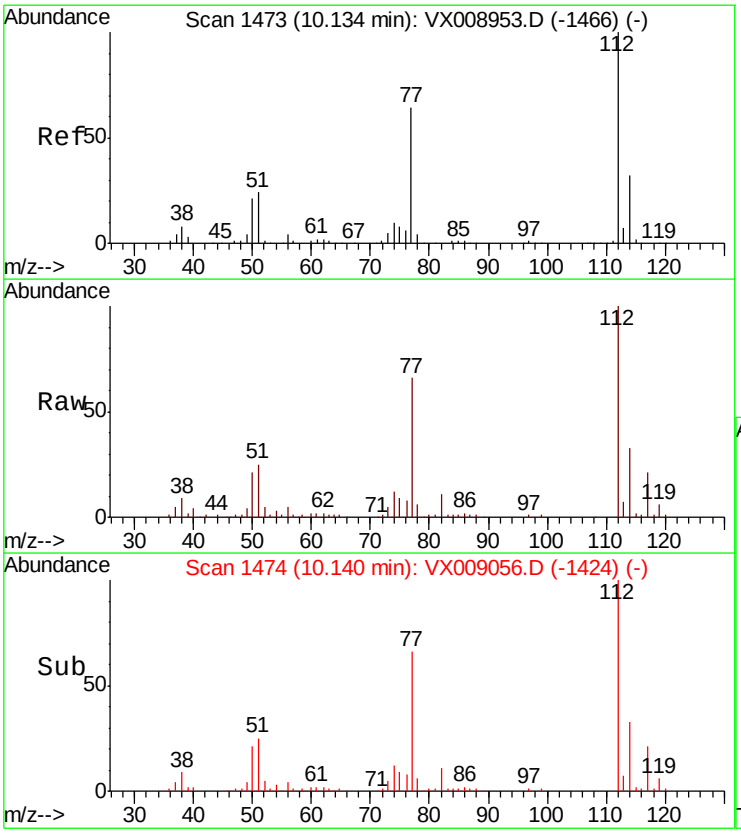
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:117 Resp: 315792

Ion	Ratio	Lower	Upper
117	100		
82	58.6	48.2	72.4
119	32.8	25.0	37.6

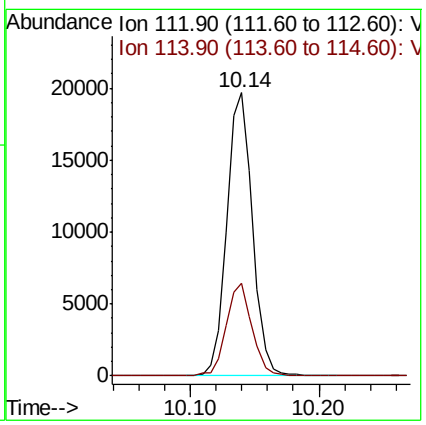


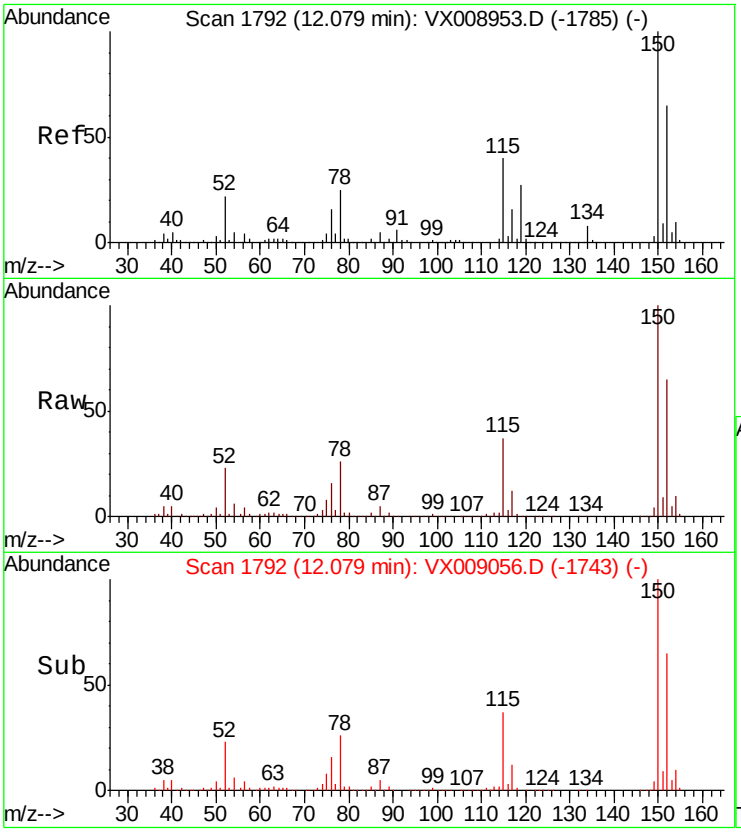


#65
Chlorobenzene
Concen: 4.117 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:112 Resp: 27441

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.0



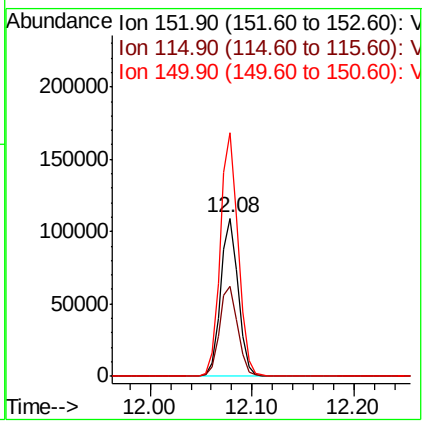


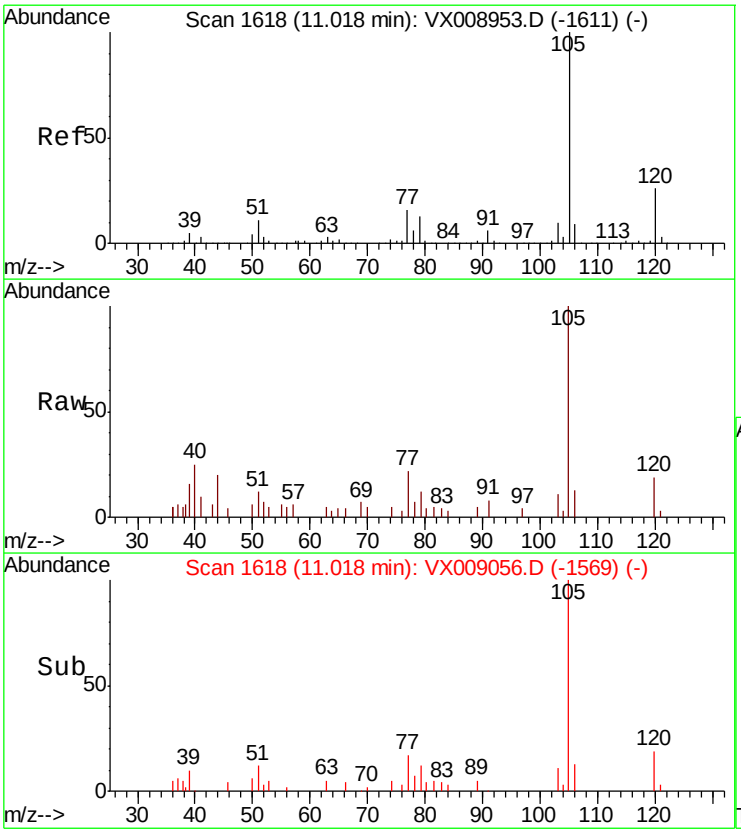
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:152 Resp: 131600

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.4	124.2
150	156.3	0.0	349.8

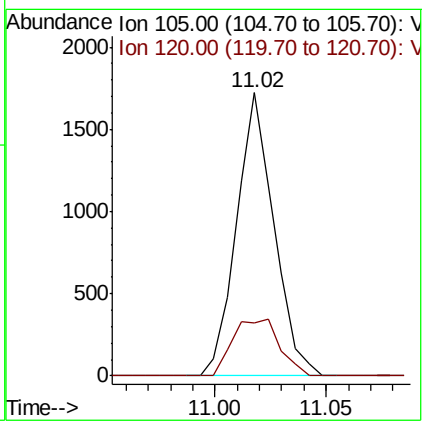


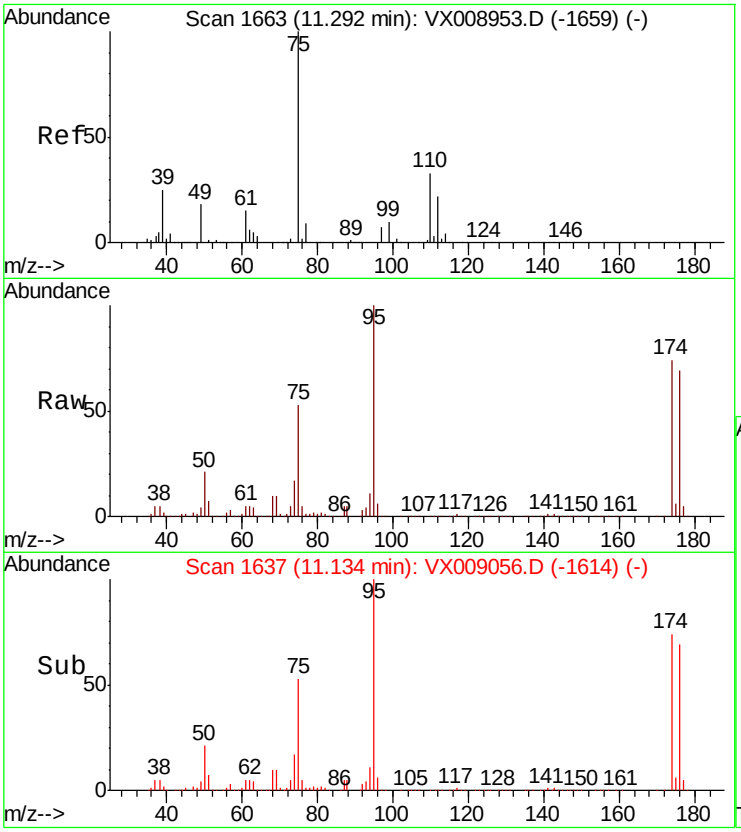


#73
Isopropylbenzene
Concen: 0.202 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:105 Resp: 2018

Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.9	38.7



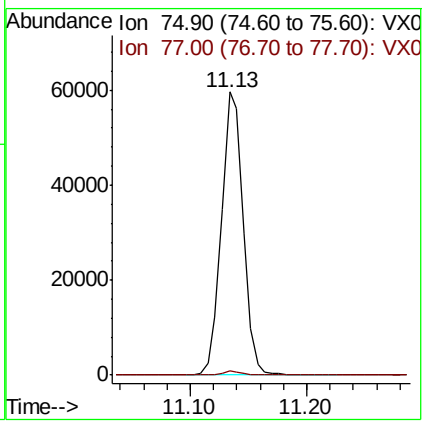


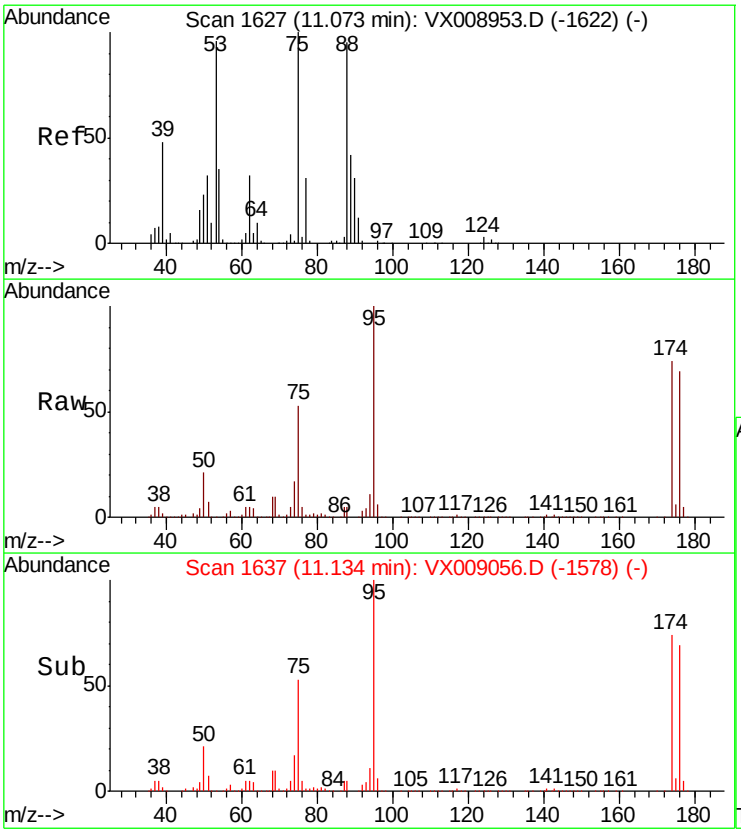
#76
1,2,3-Trichloropropane
Concen: 23.852 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 75 Resp: 76647

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.7	68.0#

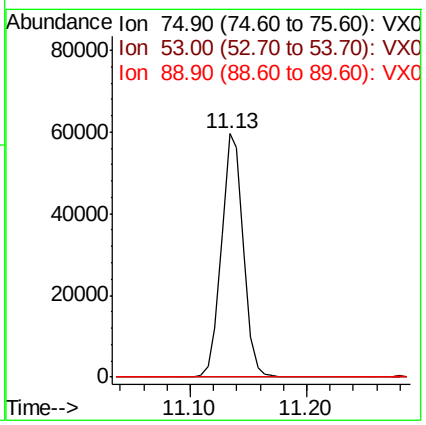


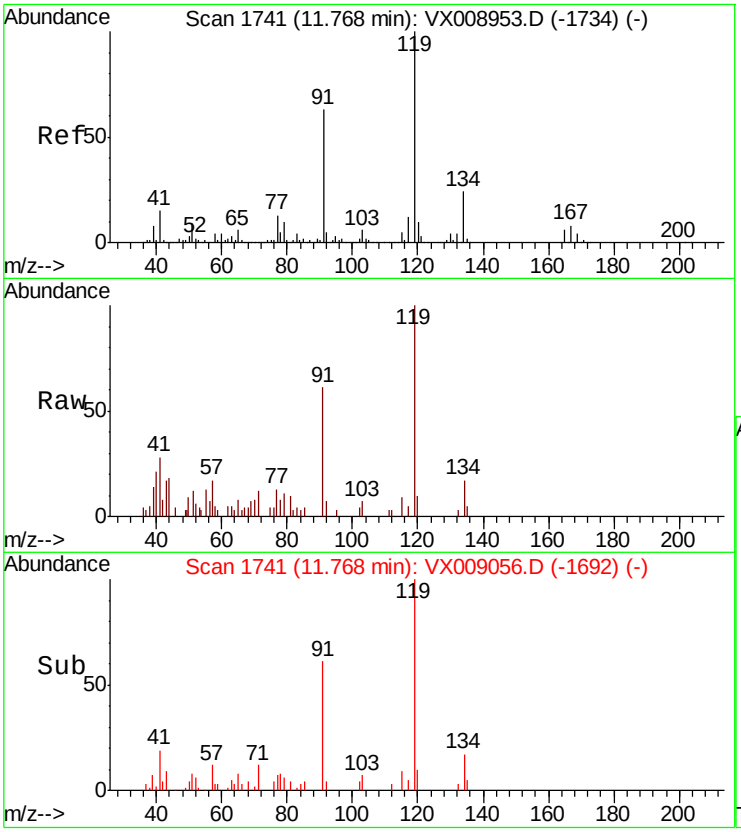


#81
trans-1,4-Dichloro-2-butene
Concen: 61.235 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion: 75 Resp: 76647

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.4#
89	0.0	36.0	54.0#



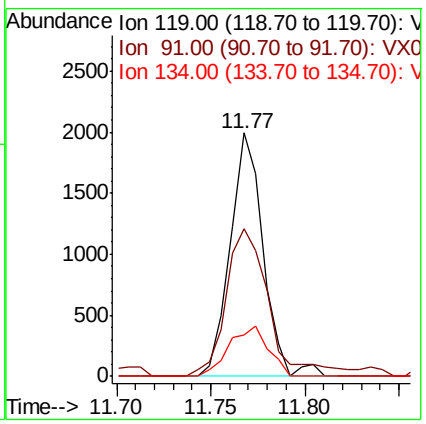


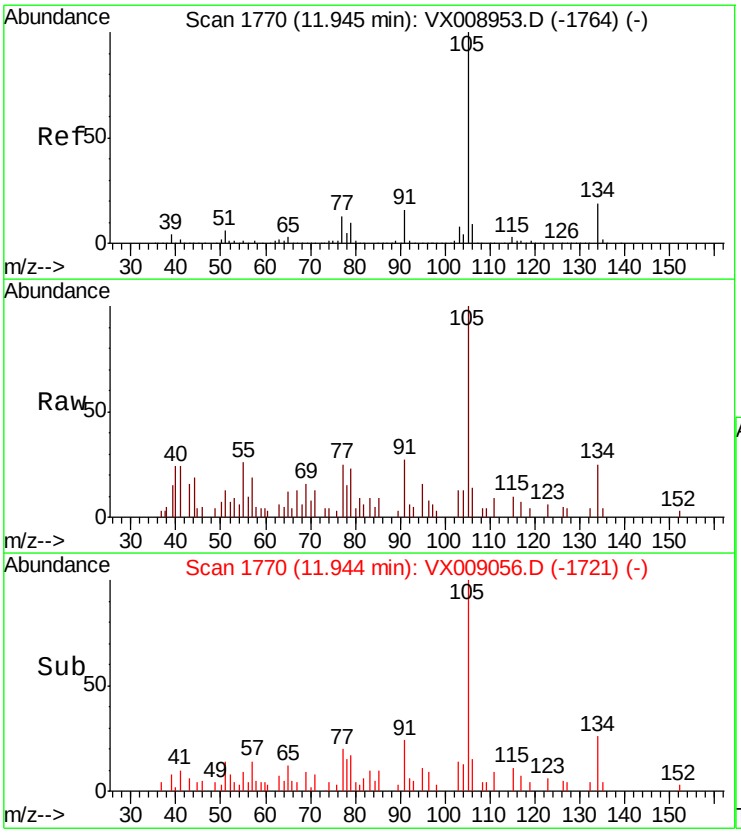
#83
tert-Butylbenzene
Concen: 0.302 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:119 Resp: 2426

Ion	Ratio	Lower	Upper
119	100		
91	79.3	29.7	89.1
134	24.4	11.2	33.5

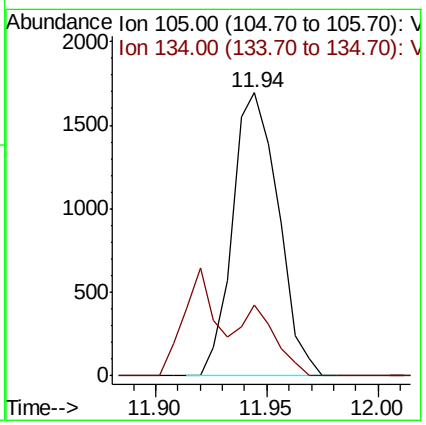


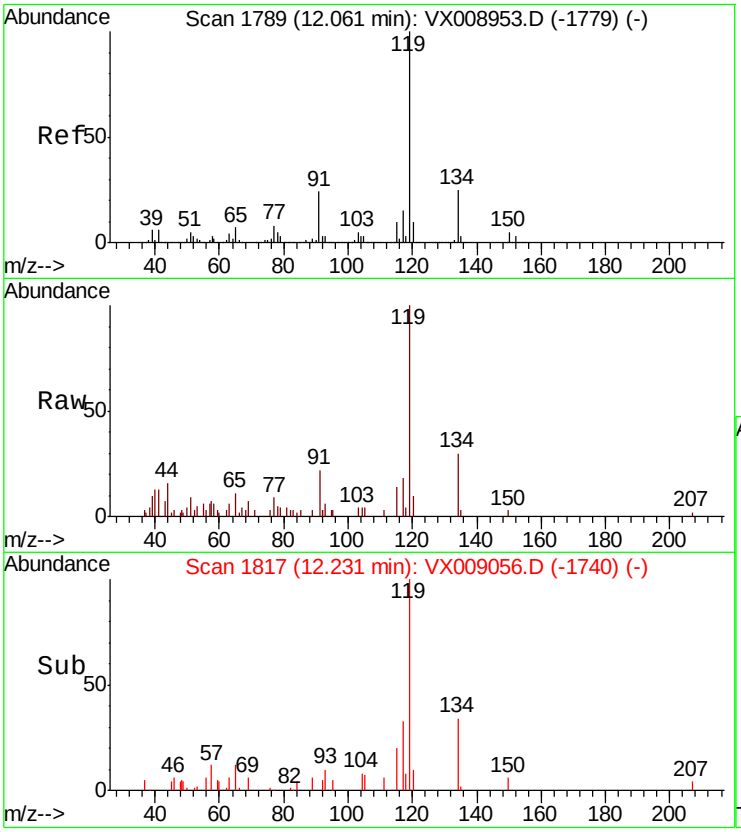


#85
sec-Butylbenzene
Concen: 0.253 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:105 Resp: 2428

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.6	28.6



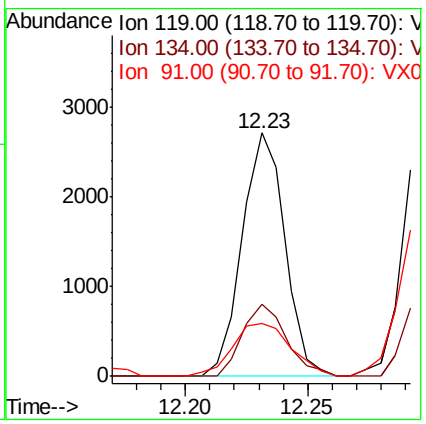


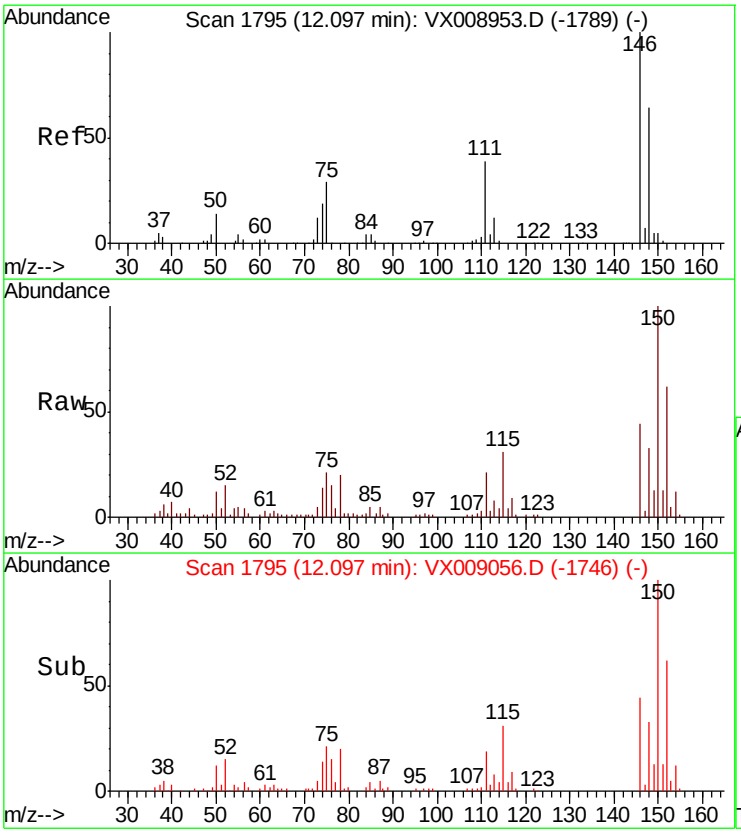
#86
p-Isopropyltoluene
Concen: 0.374 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.17 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:119 Resp: 3294

Ion	Ratio	Lower	Upper
119	100		
134	30.5	12.9	38.6
91	29.7	11.9	35.5

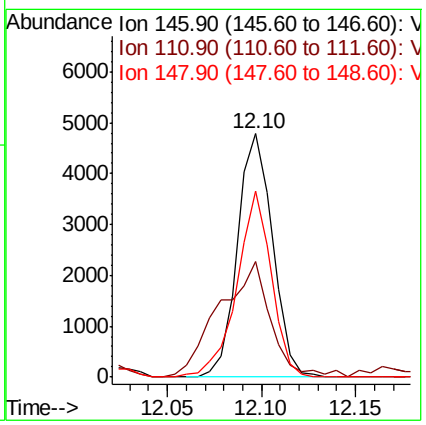


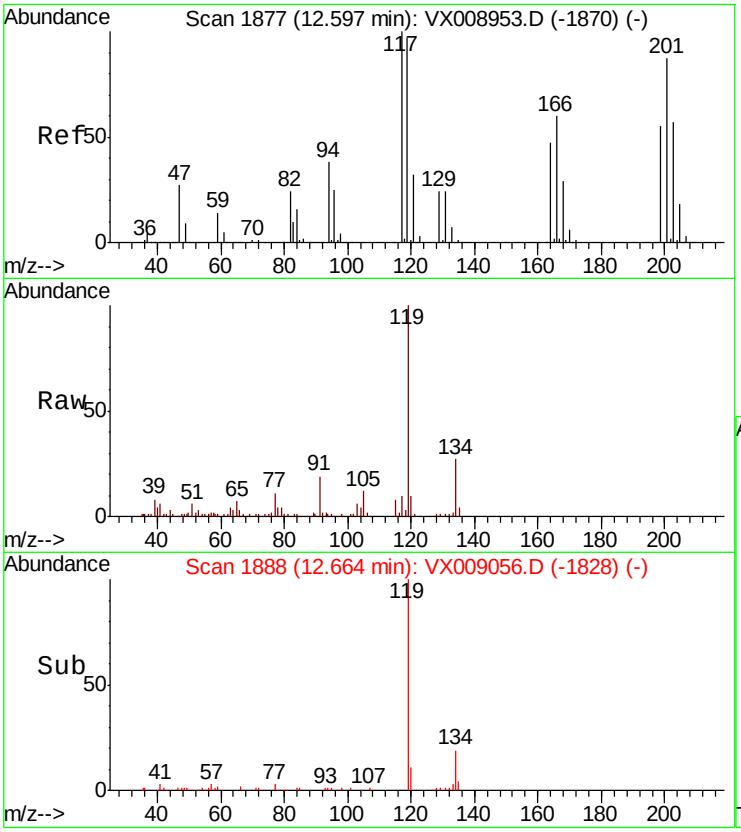


#88
1,4-Dichlorobenzene
Concen: 1.380 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:146 Resp: 6163

Ion	Ratio	Lower	Upper
146	100		
111	70.0	20.0	59.9#
148	75.1	32.2	96.6



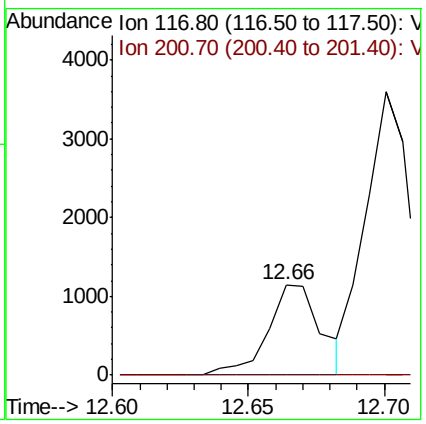


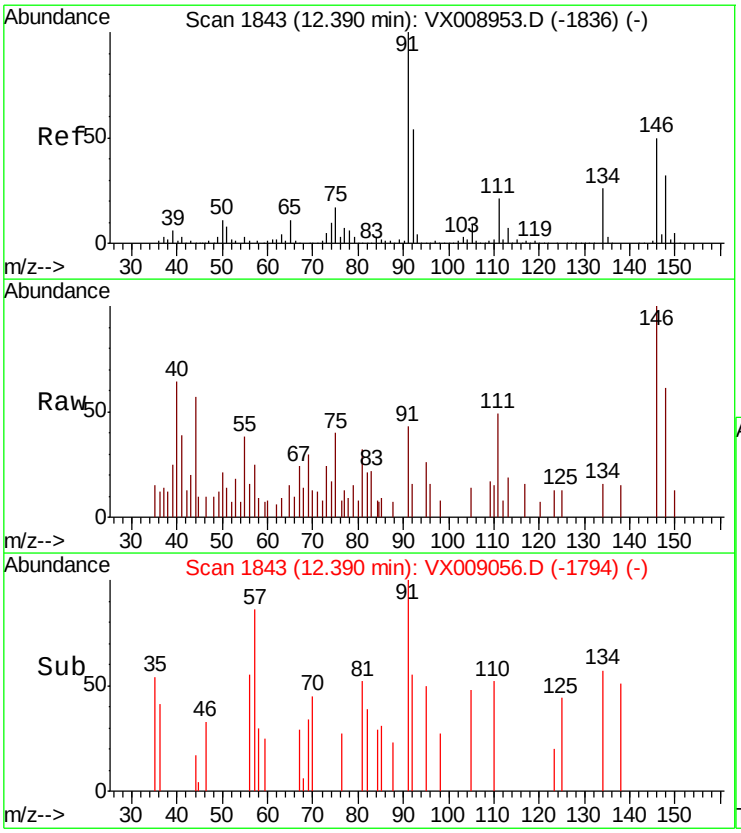
#90
Hexachloroethane
Concen: 1.070 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion:117 Resp: 1556

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.0	129.0#

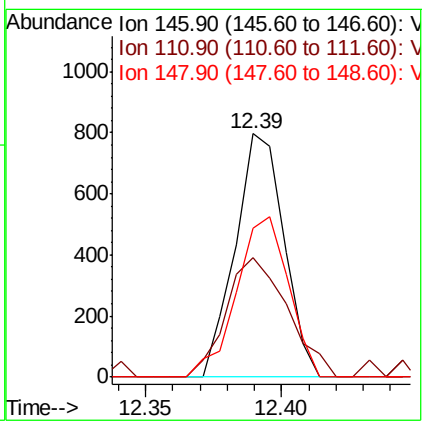


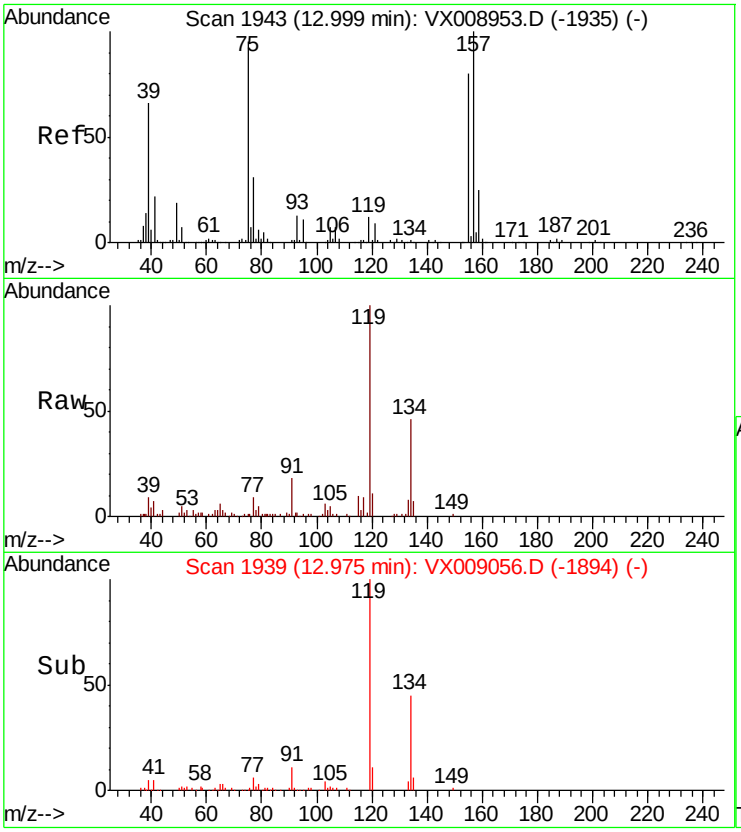


#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:146 Resp: 989

Ion	Ratio	Lower	Upper
146	100		
111	61.9	20.6	61.9
148	70.4	32.0	96.2



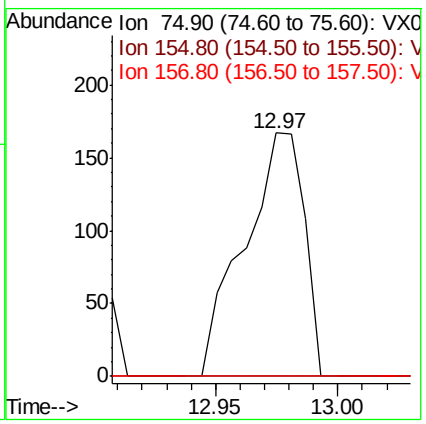


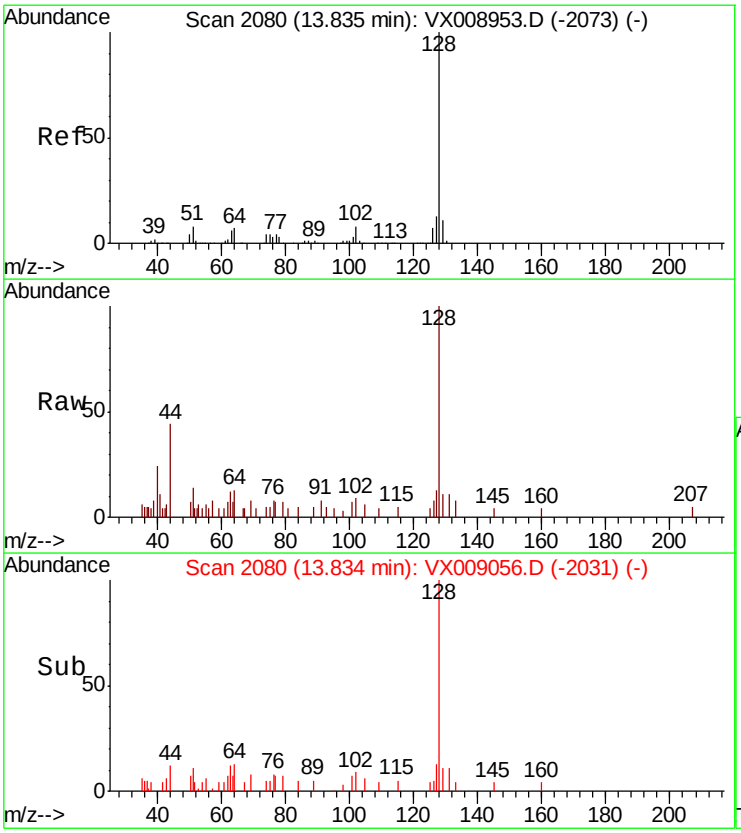
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.345 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Instrument :
MSVOA_X
ClientSampleId :
GMW-1

Tgt Ion: 75 Resp: 286

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.2	123.6#
157	0.0	52.5	157.6#





#95
Naphthalene
Concen: 0.215 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009056.D
Acq: 18 Apr 2019 20:03

Tgt Ion:128 Resp: 2166

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	16.0#
129	14.7	8.6	13.0#