Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TMW-01

Quant Time: Aug 20 23:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	406046	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	565763	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	508005	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261330	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	206899	54.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.90%				
35) Dibromofluoromethane	5.49	113	170082	45.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.92%				
50) Toluene-d8	8.71	98	648525	56.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.50%				
62) 4-Bromofluorobenzene	11.13	95	234355	48.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.30%				
Target Compounds							Qvalue
6) Chloroethane	1.82	64	953	0.538	ug/l	#	64
10) Methyl Iodide	2.49	142	1104	0.216	ug/l	#	89
11) Tert butyl alcohol	3.03	59	3321	3.595	ug/l	#	91
13) Acrolein	2.30	56	79	12.448	ug/l	#	15
16) Acetone	2.43	43	12682	6.698	ug/l	#	88
20) Methylene Chloride	2.85	84	930	0.234	ug/l	#	66
27) cis-1,2-Dichloroethene	4.60	96	11436	2.674	ug/l		88
31) Cyclohexane	5.57	56	4236	0.759	ug/l		89
36) 1,1-Dichloropropene	5.65	75	25182	5.206	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	36290	6.810	ug/l	#	16
39) Methylcyclohexane	7.46	83	4754	0.796	ug/l		89
40) Benzene	6.13	78	18071	1.202	ug/l		100
45) 1,2-Dichloropropane	7.51	63	1194	0.318	ug/l	#	45
49) 1,4-Dioxane	7.73	88	39	0.341	ug/l	#	1
67) Ethyl Benzene	10.25	91	96246	5.322	ug/l		96
69) o-Xylene	10.70	106	1837	0.270	ug/l		62
71) Bromoform	10.87	173	165	3.331	ug/l	#	28
73) Isopropylbenzene	11.02	105	28247	1.666	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	111898	22.581	ug/l	#	35
78) n-propylbenzene	11.36	91	37670	2.060	ug/l		98
79) 2-Chlorotoluene	11.36	91	37670	3.355	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	111898	60.168	ug/l	#	11
82) 4-Chlorotoluene	11.36	91	37670	2.892	ug/l	#	42
84) 1,2,4-Trimethylbenzene	11.80	105	4832	0.338	ug/l		96
85) sec-Butylbenzene	11.94	105	10306	0.630	ug/l		82
89) n-Butylbenzene	12.38	91	7435	0.587	ug/l	#	73
90) Hexachloroethane	12.66	117	2450	1.008	ug/l	#	3
92) 1,2-Dibromo-3-Chloropropan	13.01	75	329	0.247	ug/l	#	1
95) Naphthalene	13.83	128	33348	1.819	ug/l	#	87

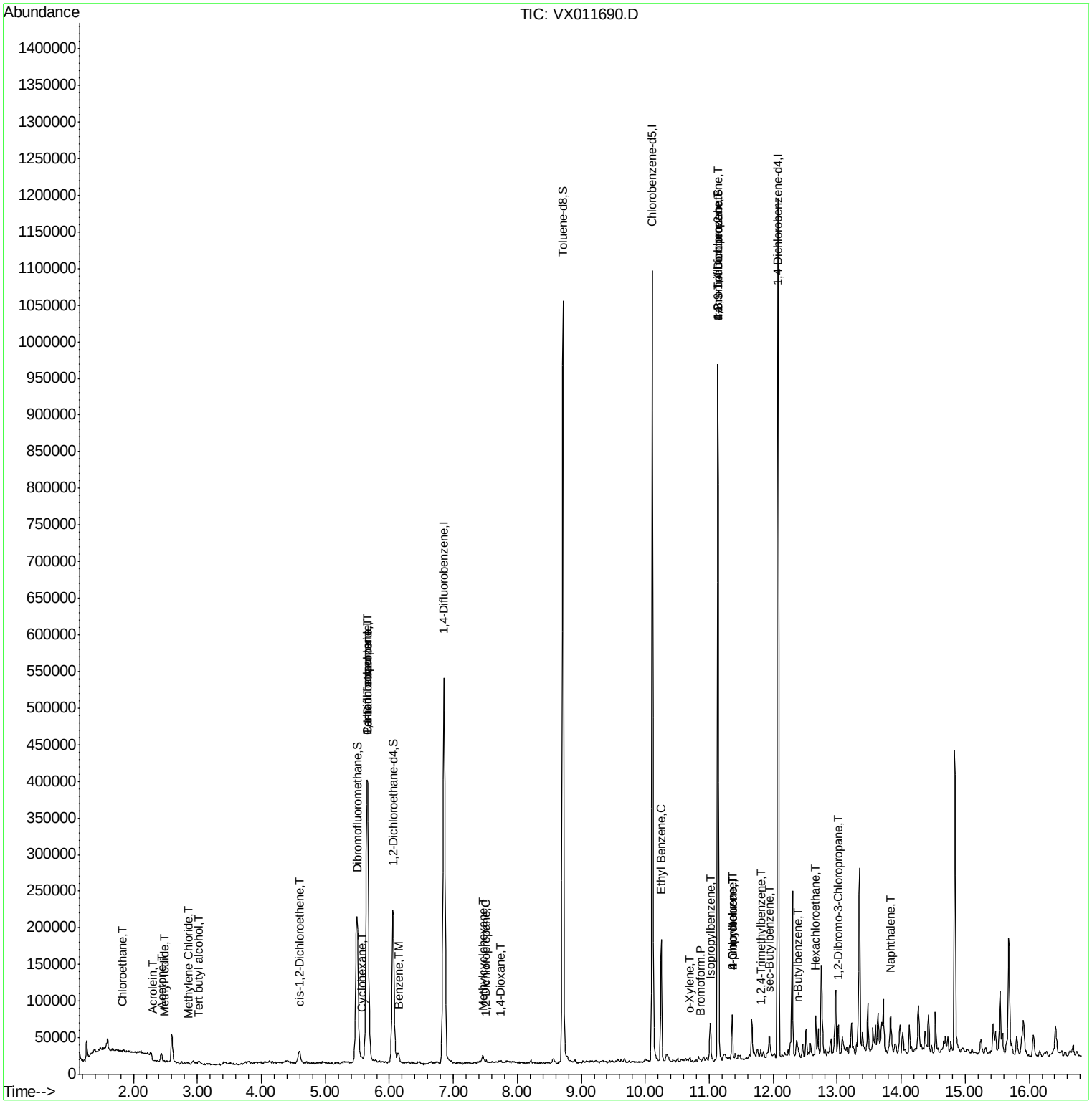
(#) = qualifier out of range (m) = manual integration (+) = signals summed

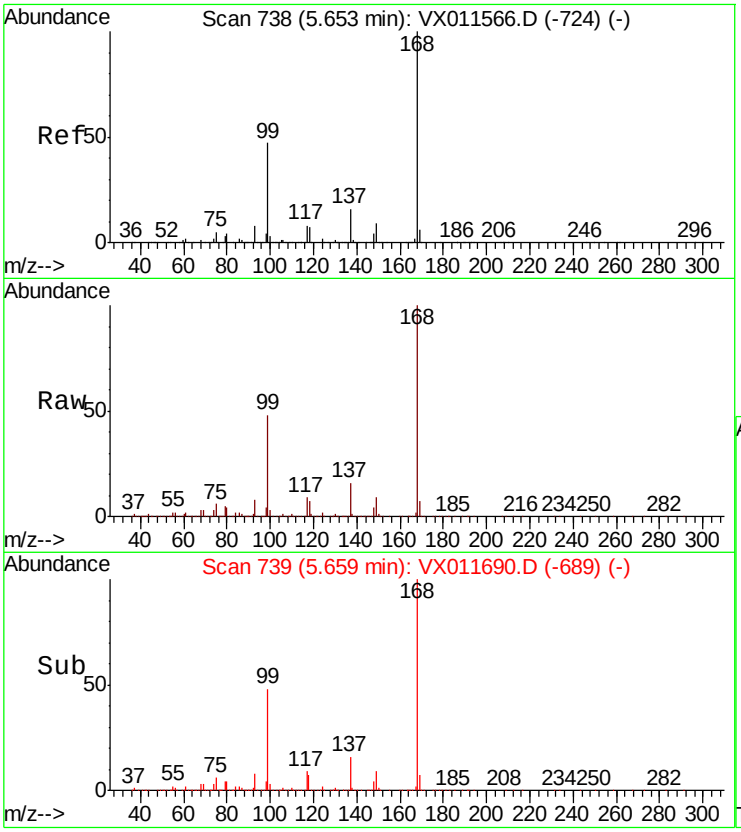
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011690.D
Acq On : 20 Aug 2019 17:22
Operator : JC/SP
Sample : K4413-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Quant Time: Aug 20 23:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration



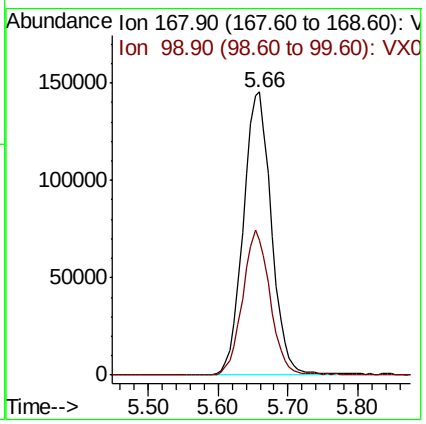


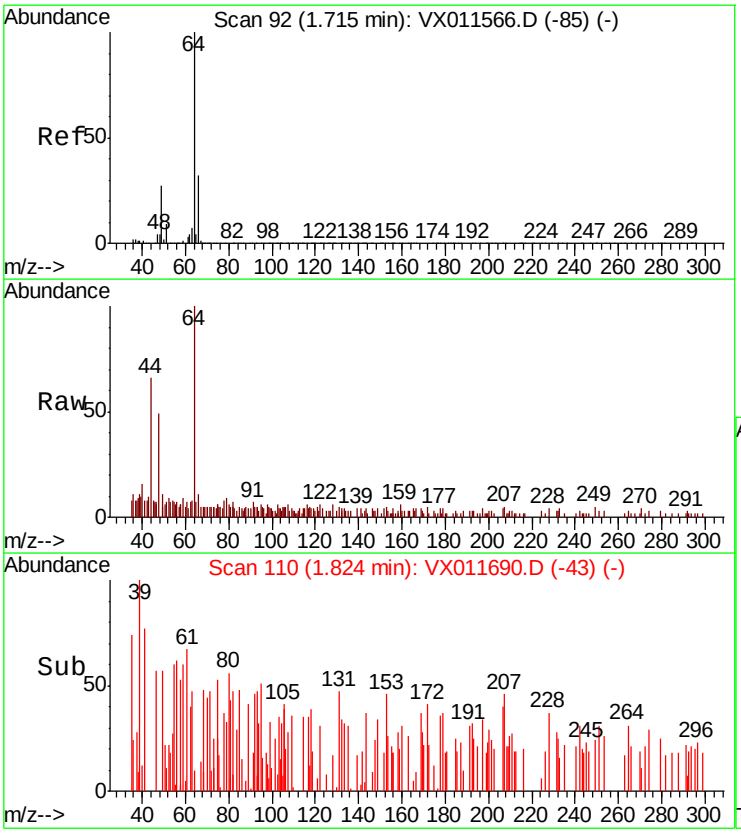
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:168 Resp: 406046

Ion	Ratio	Lower	Upper
168	100		
99	47.5	37.3	55.9

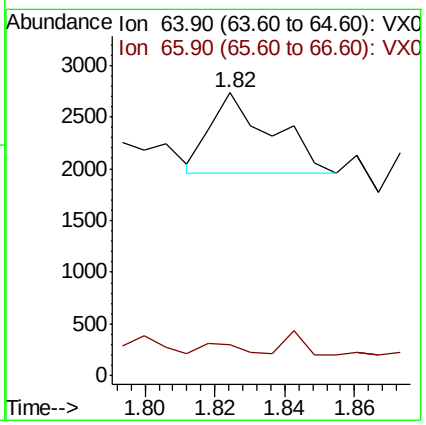


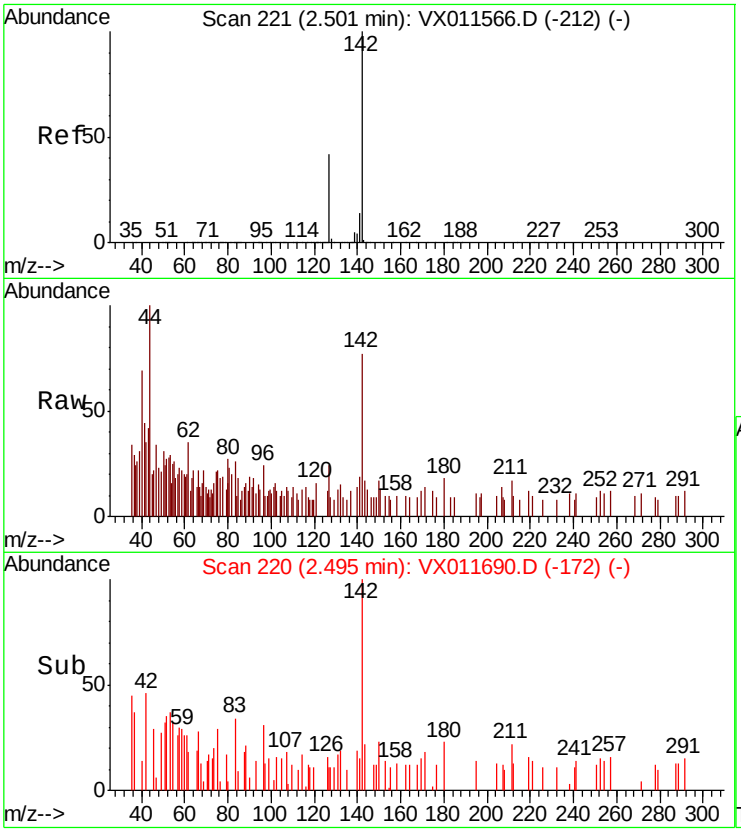


#6
Chloroethane
Concen: 0.538 ug/l
RT: 1.82 min Scan# 110
Delta R.T. 0.11 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 64 Resp: 953

Ion	Ratio	Lower	Upper
64	100		
66	11.5	25.3	37.9#



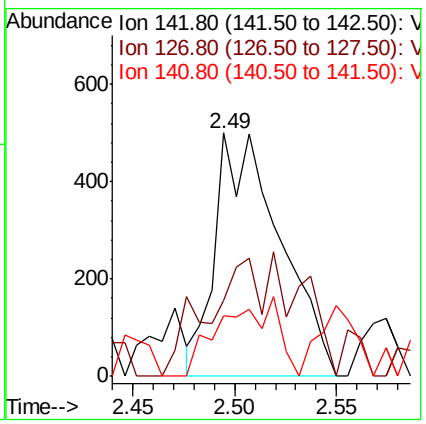


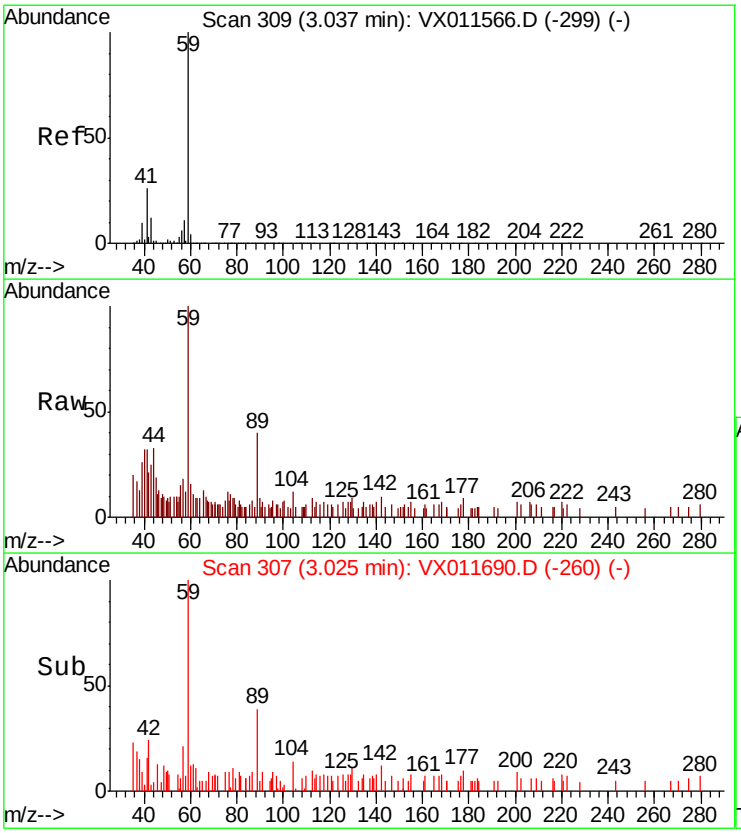
#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.49 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:142 Resp: 1104

Ion	Ratio	Lower	Upper
142	100		
127	39.3	32.8	49.2
141	0.0	11.4	17.2#

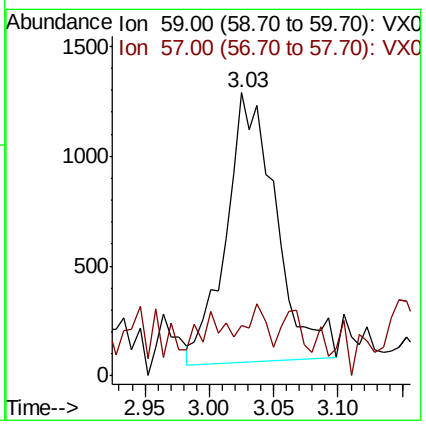


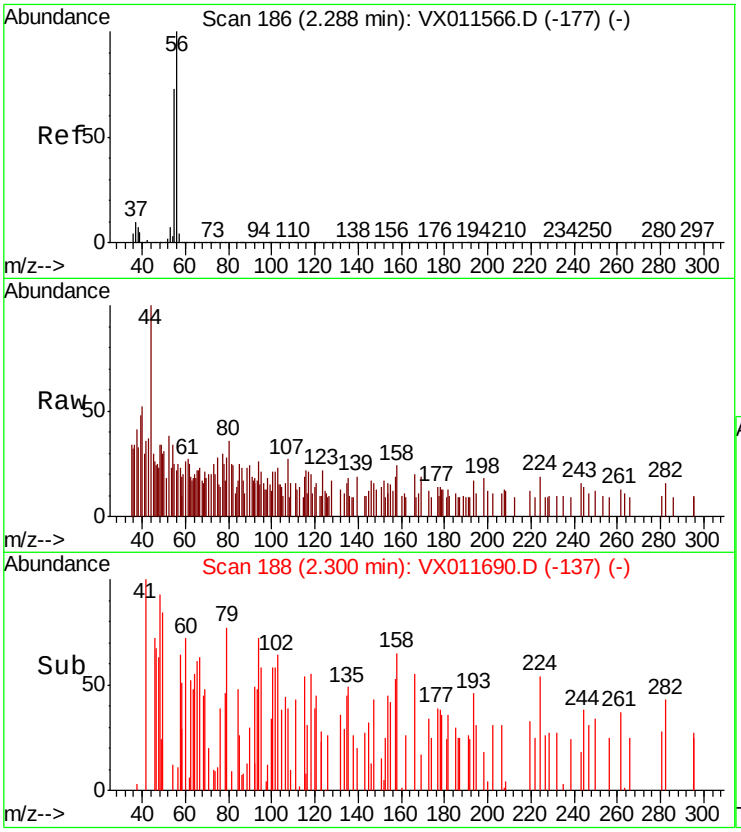


#11
Tert butyl alcohol
Concen: 3.595 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 59 Resp: 3321

Ion	Ratio	Lower	Upper
59	100		
57	7.7	8.7	13.1#



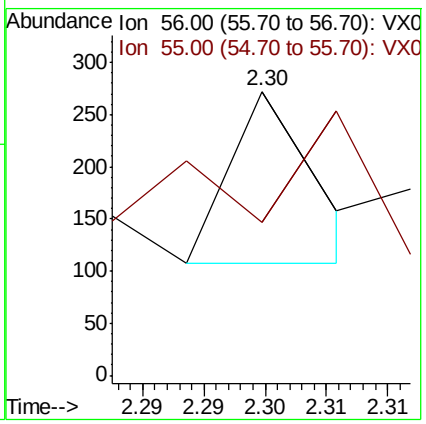


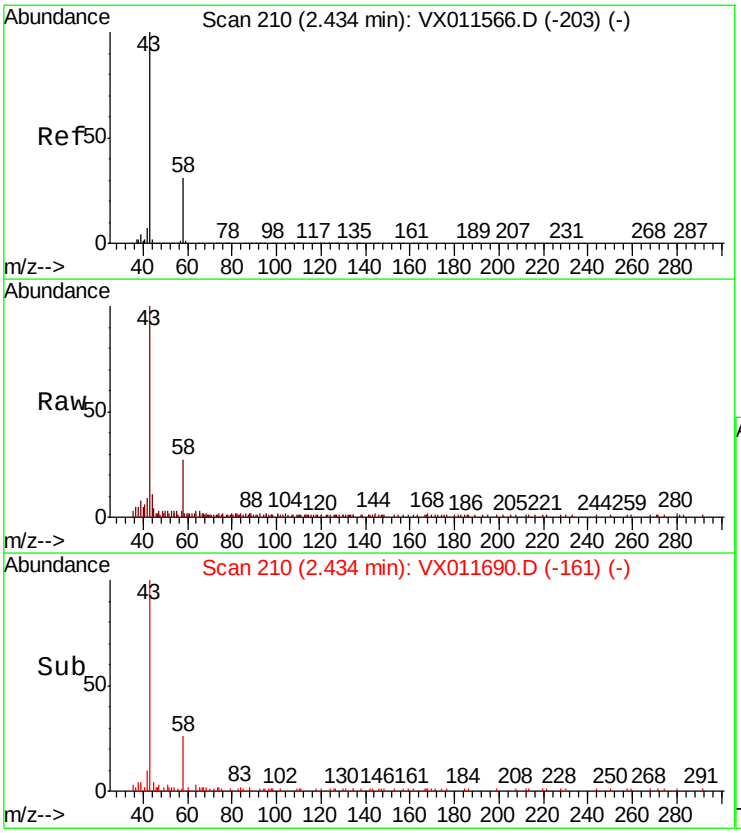
#13
Acrolein
Concen: 12.448 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 56 Resp: 79

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.5	83.3#

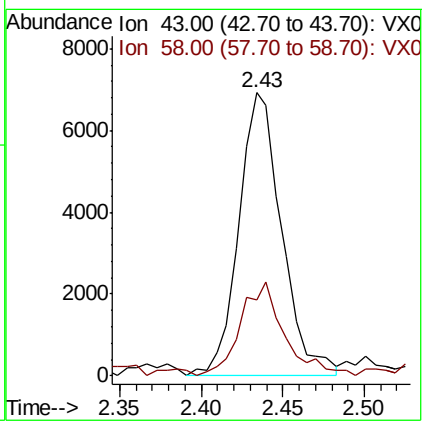


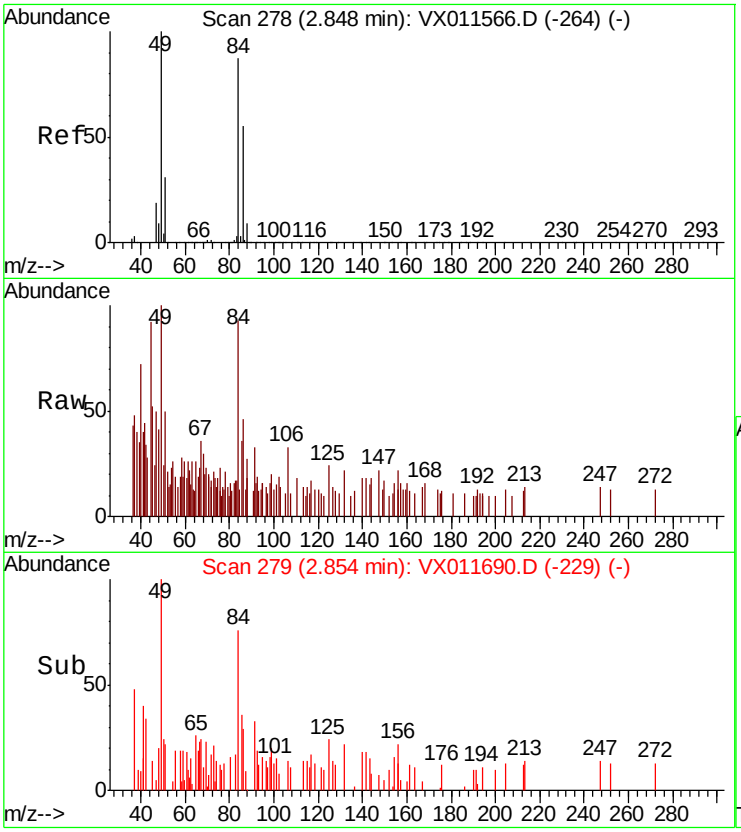


#16
Acetone
Concen: 6.698 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 43 Resp: 12682

Ion	Ratio	Lower	Upper
43	100		
58	25.1	25.2	37.8#



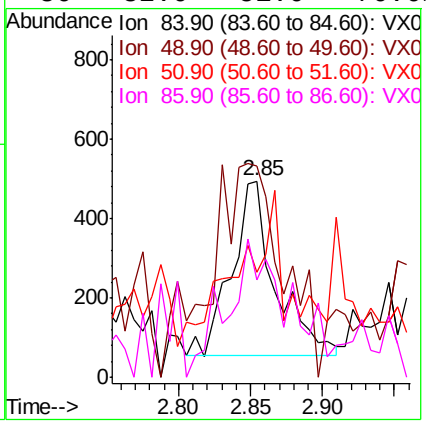


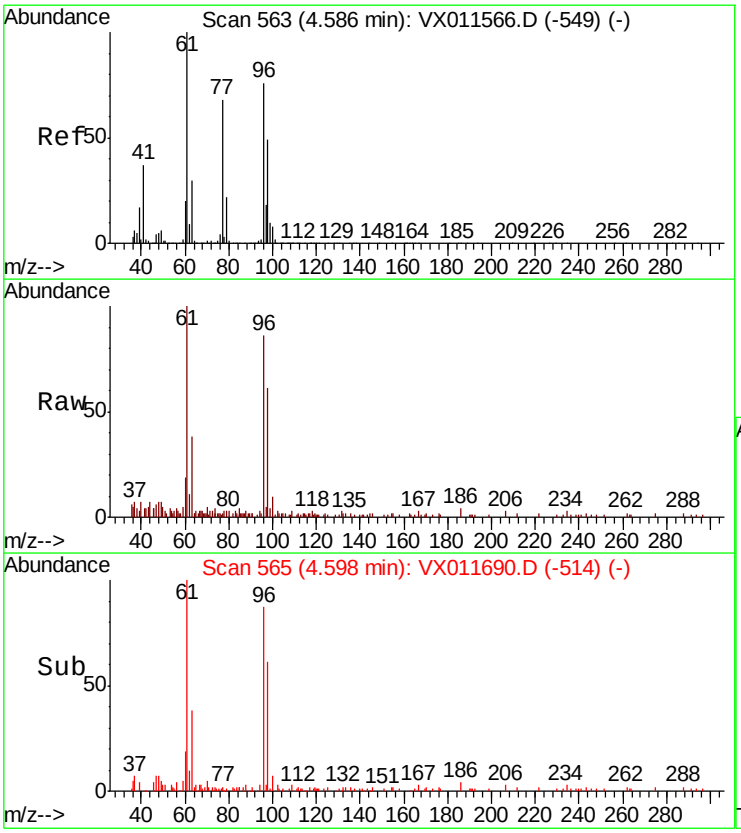
#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument : MSVOA_X
ClientSampleId : TMW-01

Tgt Ion: 84 Resp: 930

Ion	Ratio	Lower	Upper
84	100		
49	76.5	92.4	138.6#
51	24.9	28.5	42.7#
86	32.0	51.0	76.6#

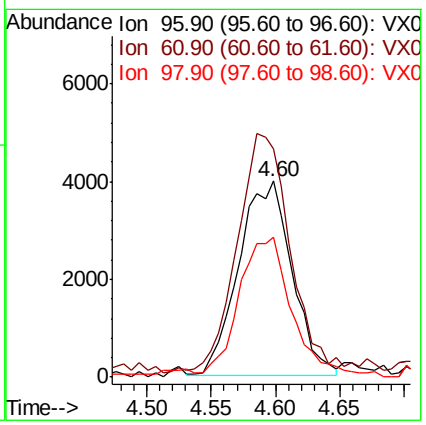


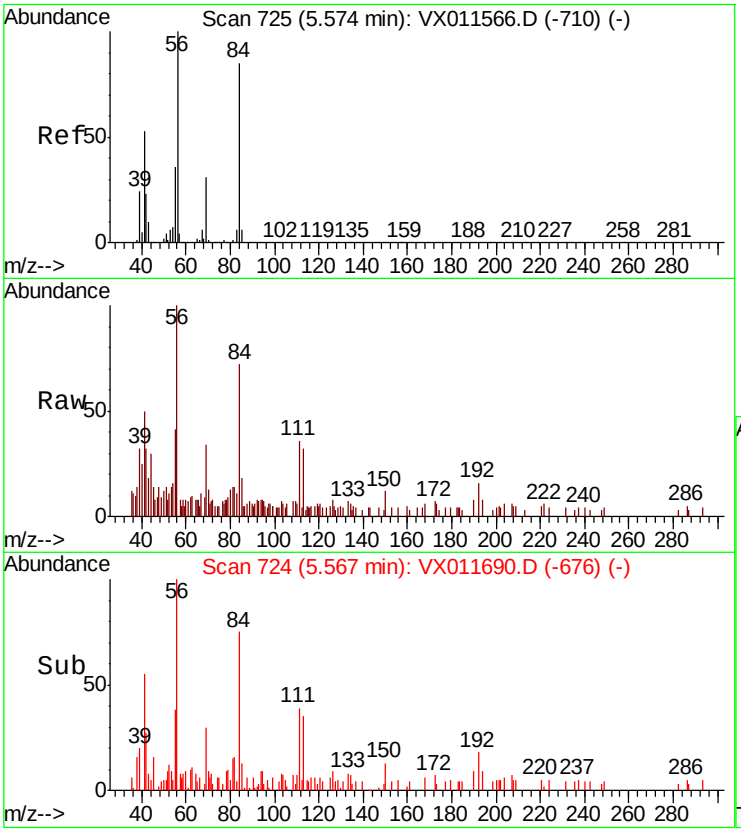


#27
cis-1,2-Dichloroethene
Concen: 2.674 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 96 Resp: 11436

Ion	Ratio	Lower	Upper
96	100		
61	121.1	0.0	272.6
98	71.8	0.0	129.4



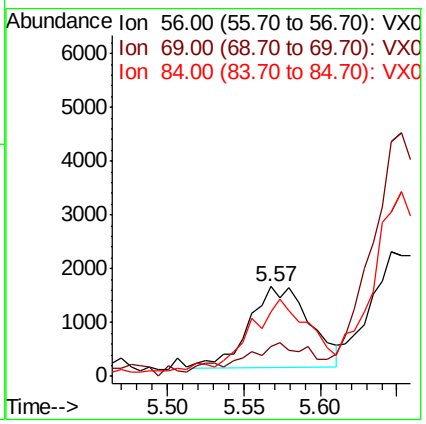


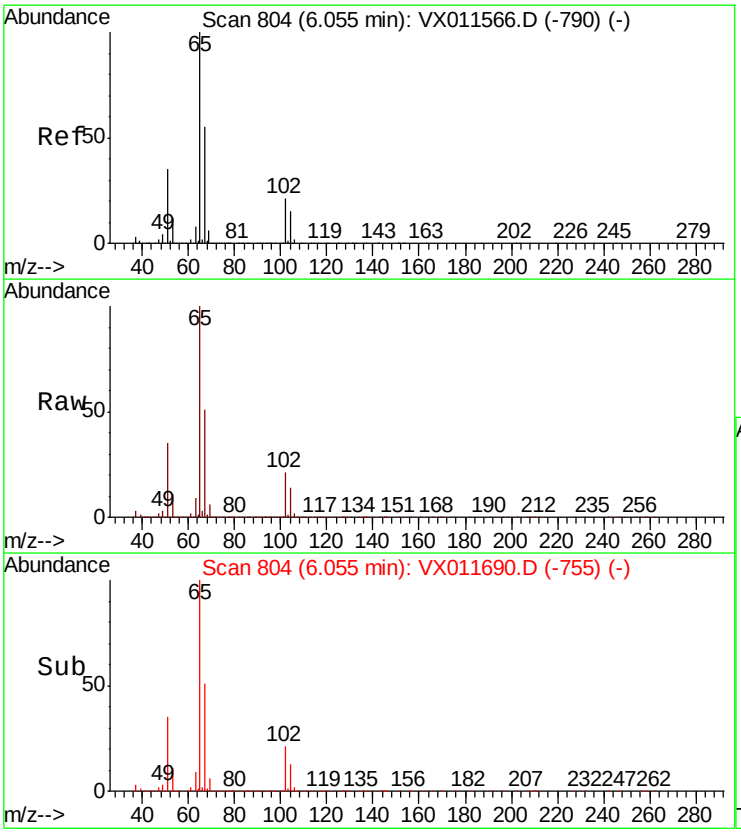
#31
Cyclohexane
Concen: 0.759 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 56 Resp: 4236

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.8	37.2
84	71.7	67.9	101.9

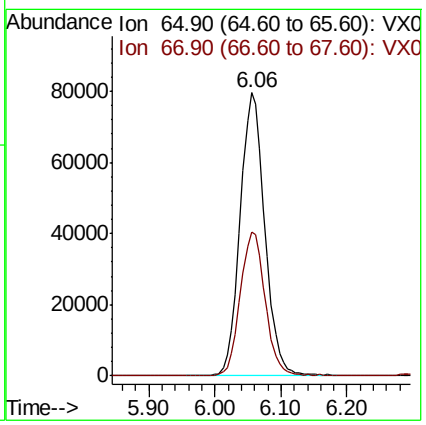


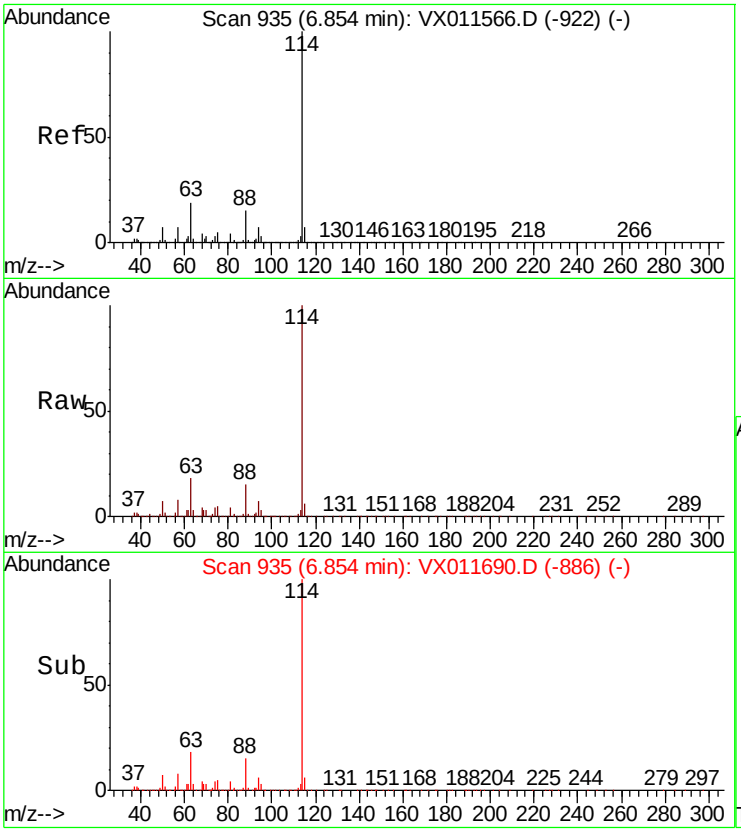


#33
1,2-Dichloroethane-d4
Concen: 54.946 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 65 Resp: 206899

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	107.6



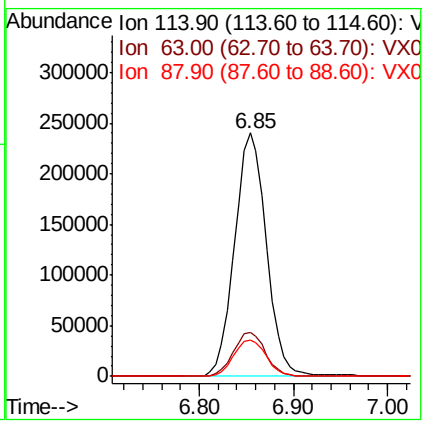


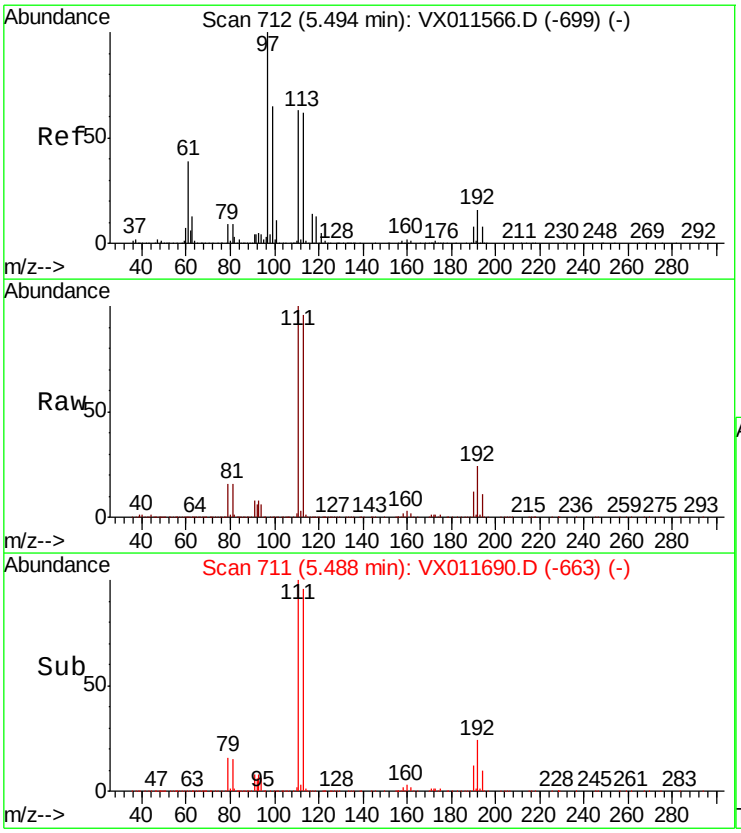
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:114 Resp: 565763

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	37.8
88	15.1	0.0	30.2

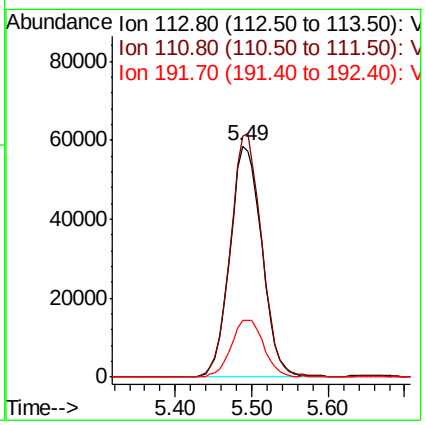


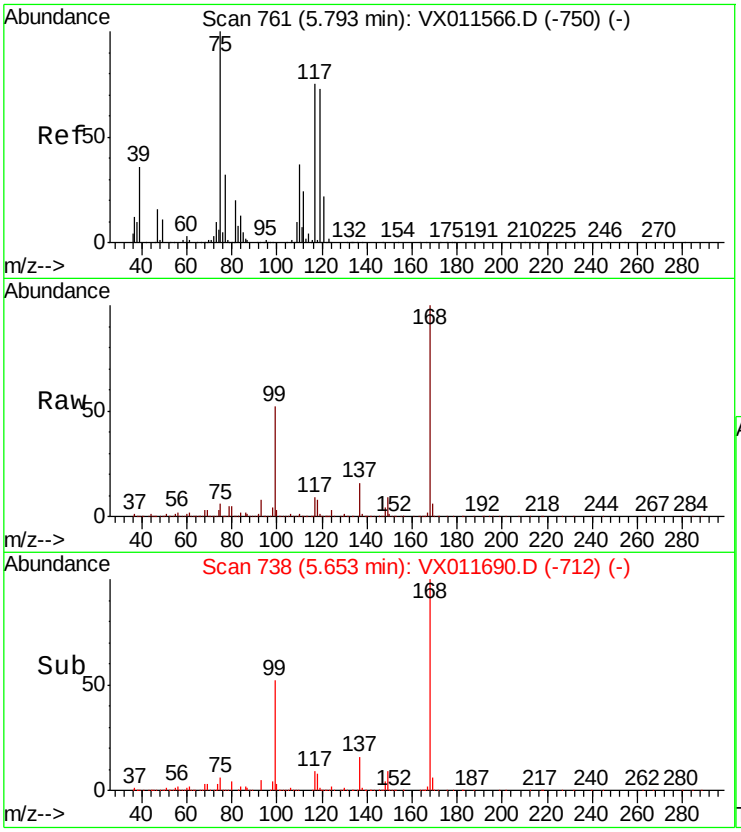


#35
Dibromofluoromethane
Concen: 45.963 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion:113 Resp: 170082

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	25.5	20.8	31.2



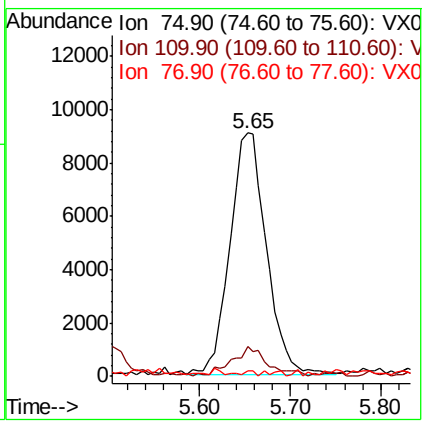


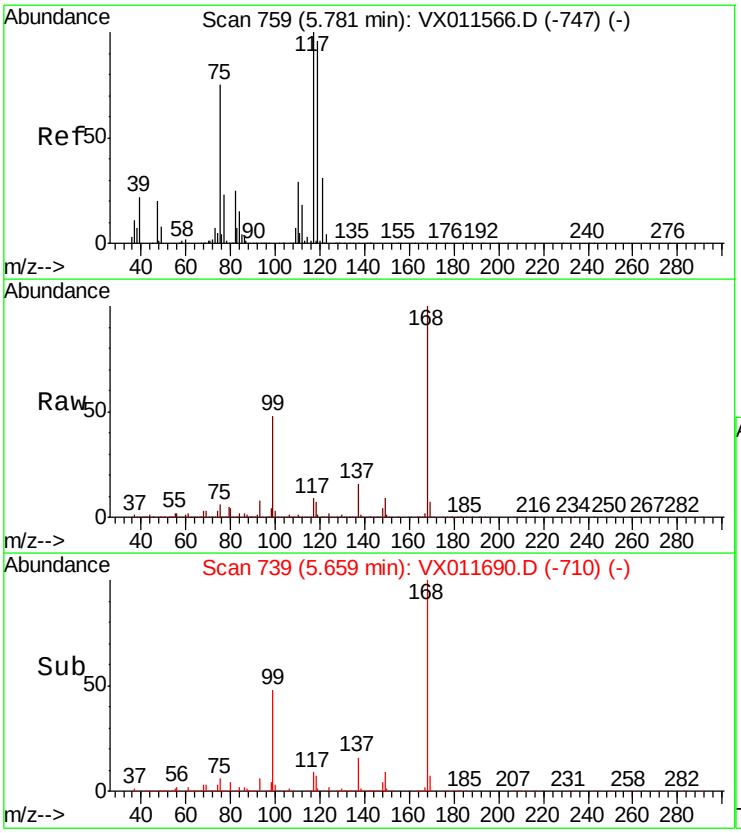
#36
1,1-Dichloropropene
Concen: 5.206 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 75 Resp: 25182

Ion	Ratio	Lower	Upper
75	100		
110	12.3	19.4	58.1#
77	0.7	25.1	37.7#

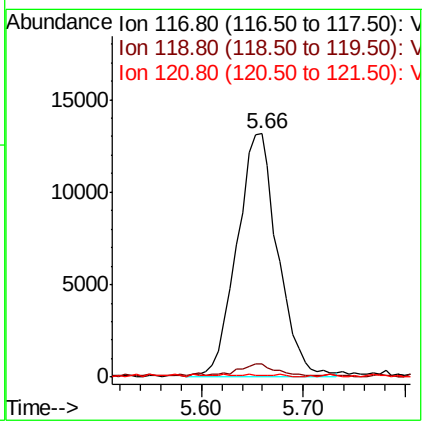


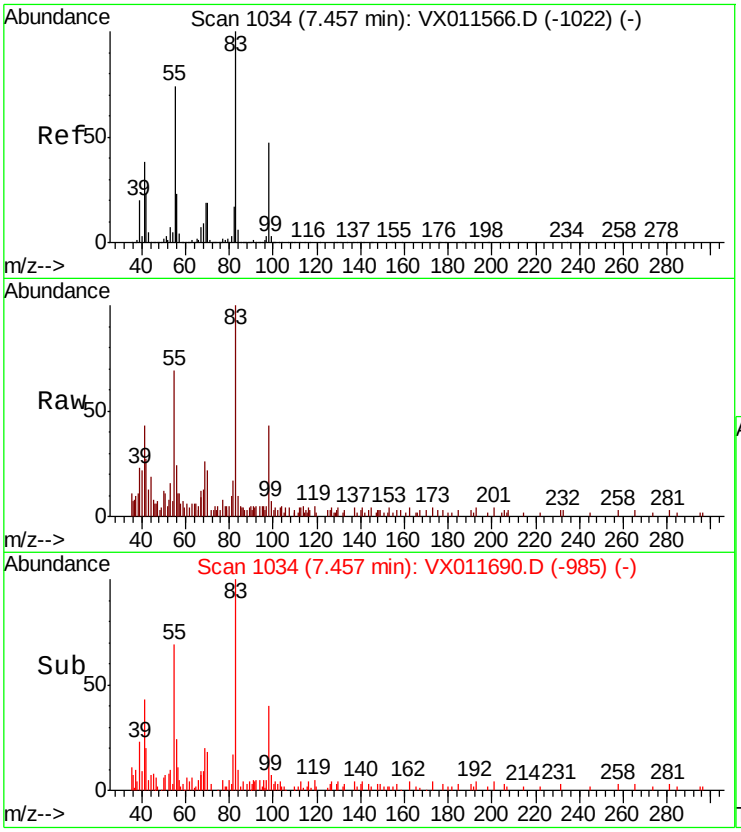


#38
Carbon Tetrachloride
Concen: 6.810 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion:117 Resp: 36290

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.5	24.8	37.2#



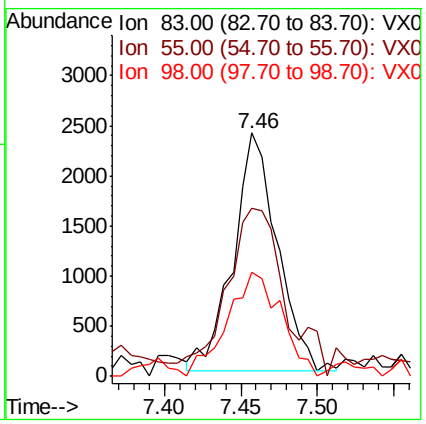


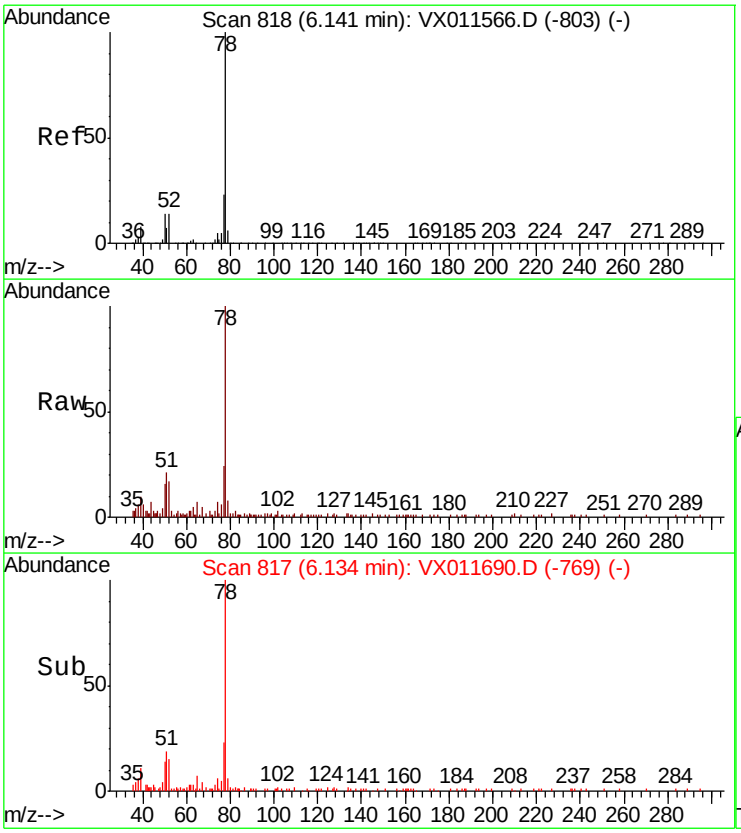
#39
Methylcyclohexane
Concen: 0.796 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 83 Resp: 4754

Ion	Ratio	Lower	Upper
83	100		
55	63.5	58.8	88.2
98	40.1	37.8	56.6

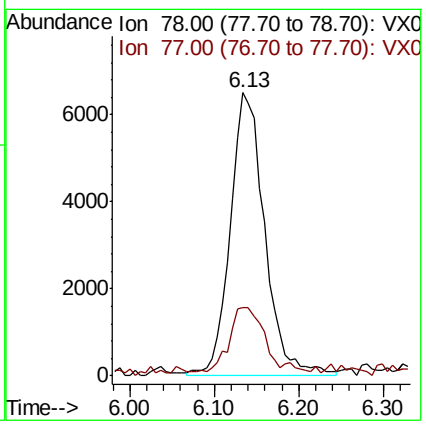


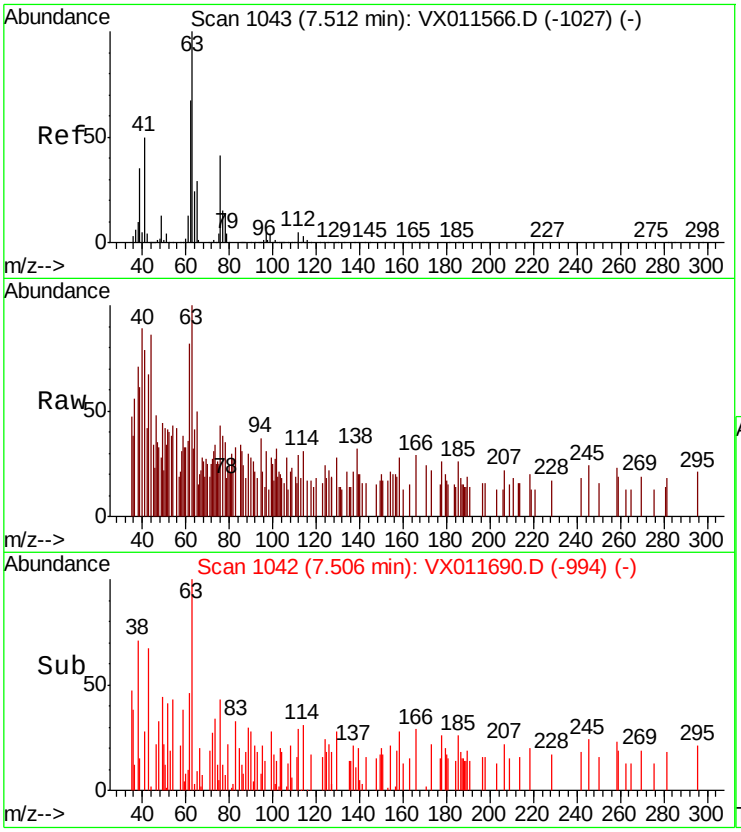


#40
Benzene
Concen: 1.202 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 78 Resp: 18071

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0



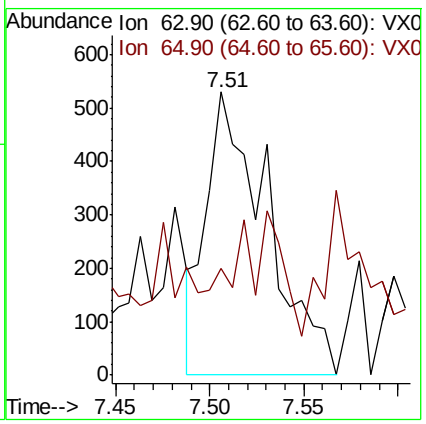


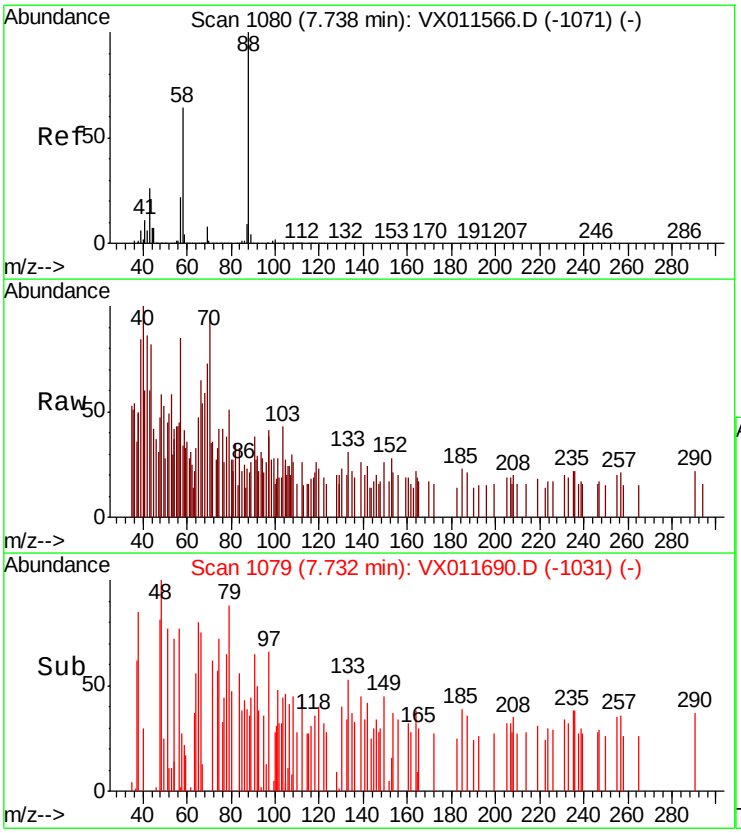
#45
1,2-Dichloropropane
Concen: 0.318 ug/l
RT: 7.51 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 63 Resp: 1194

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.4	35.2#

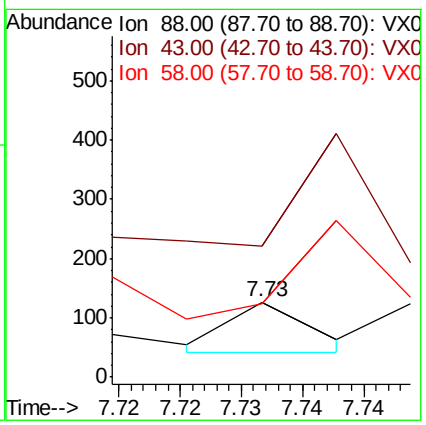


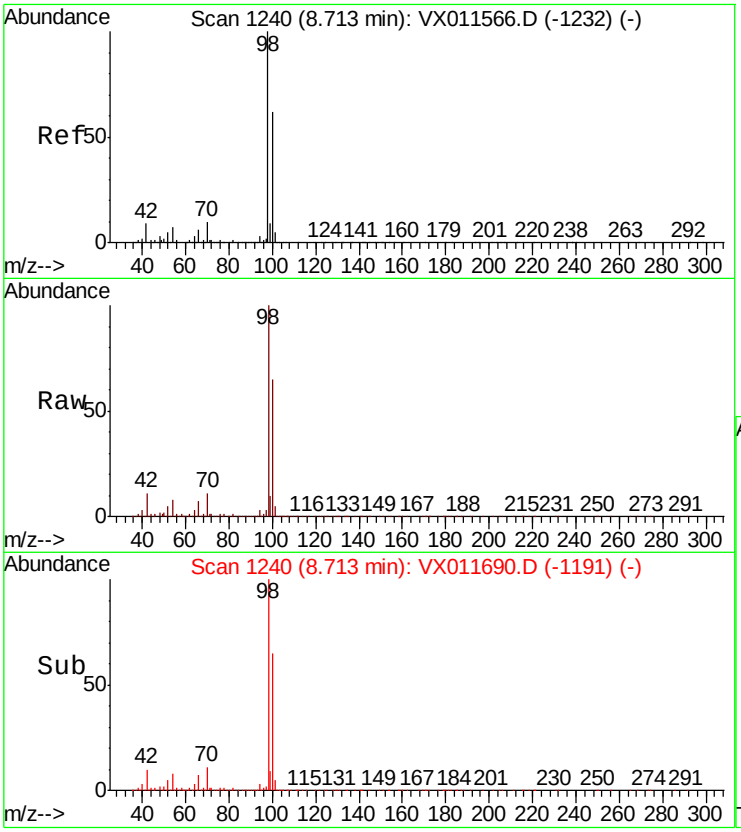


#49
1,4-Dioxane
Concen: 0.341 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	1035.9	23.4	35.0#
58	0.0	54.3	81.5#



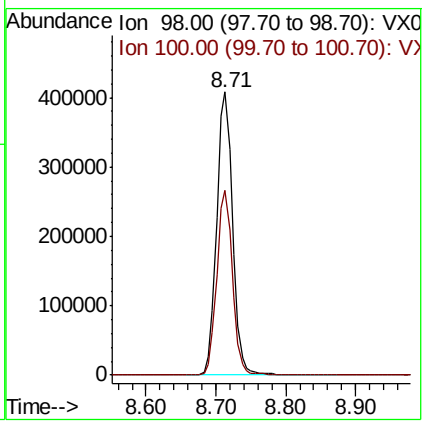


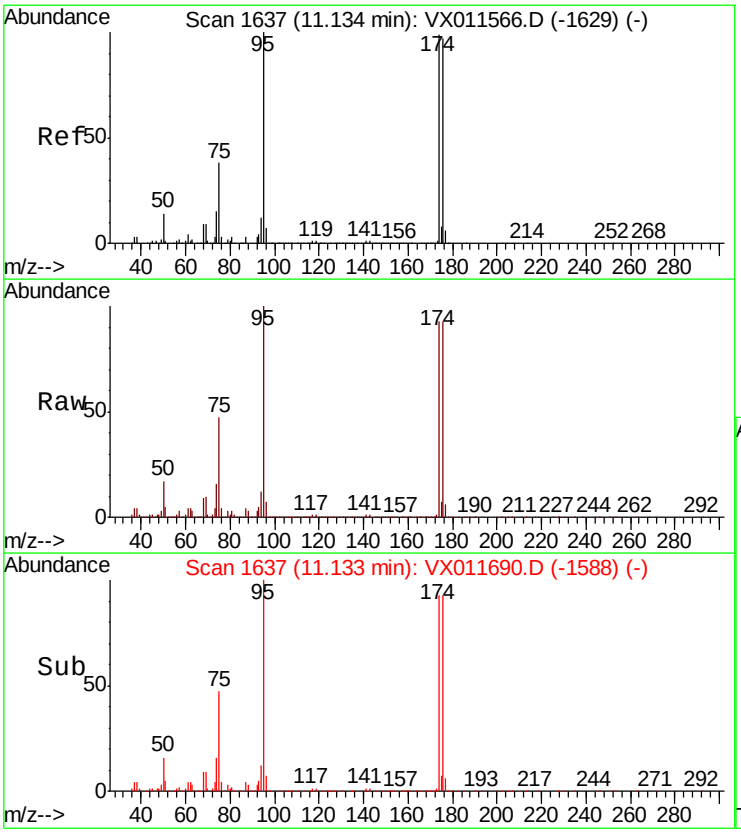
#50
Toluene-d8
Concen: 56.246 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion: 98 Resp: 648525

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.4	78.6

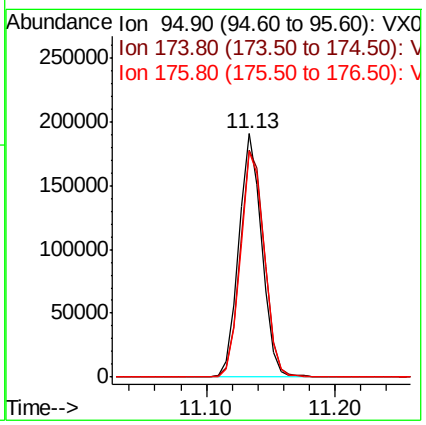


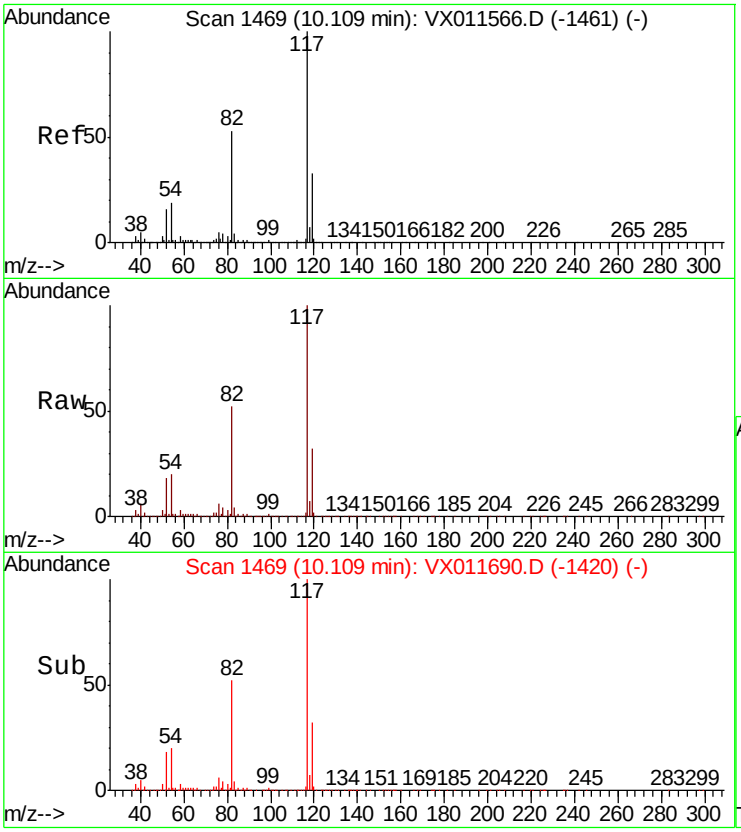


#62
4-Bromofluorobenzene
Concen: 48.155 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 95 Resp: 234355

Ion	Ratio	Lower	Upper
95	100		
174	97.6	0.0	200.6
176	95.5	0.0	196.6



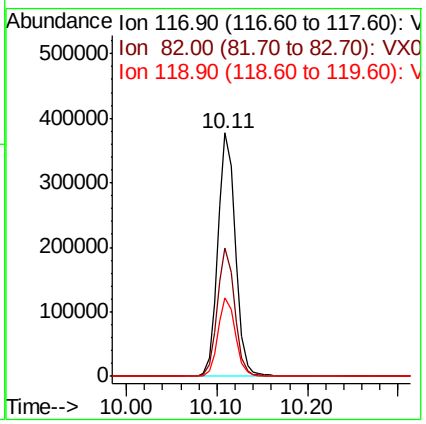


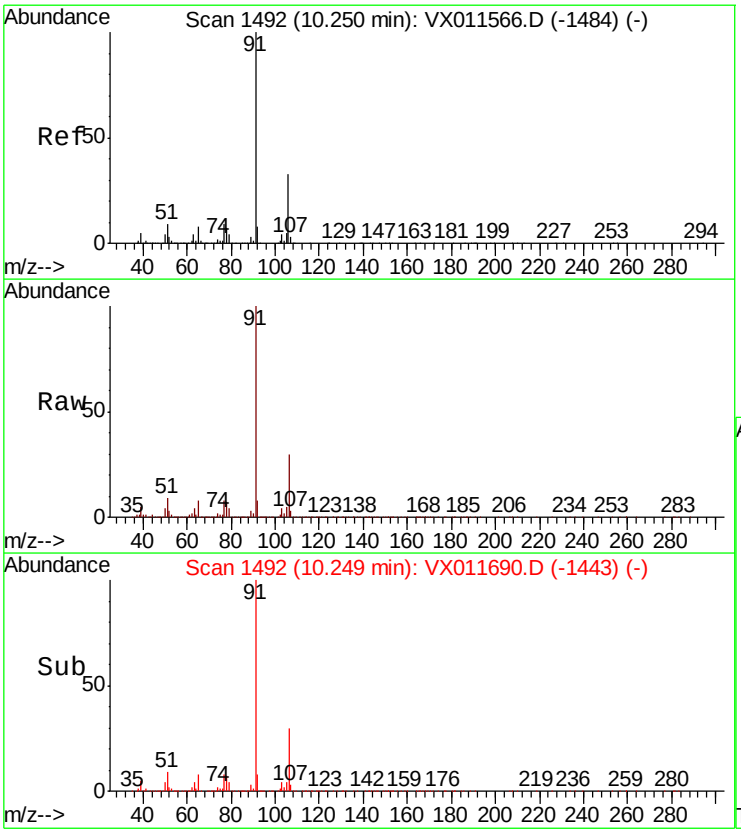
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument : MSVOA_X
ClientSampleId : TMW-01

Tgt Ion:117 Resp: 508005

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	32.4	26.5	39.7

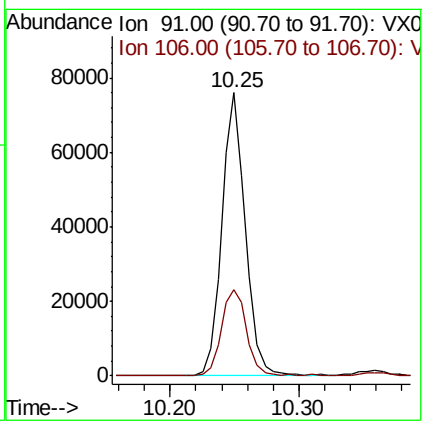


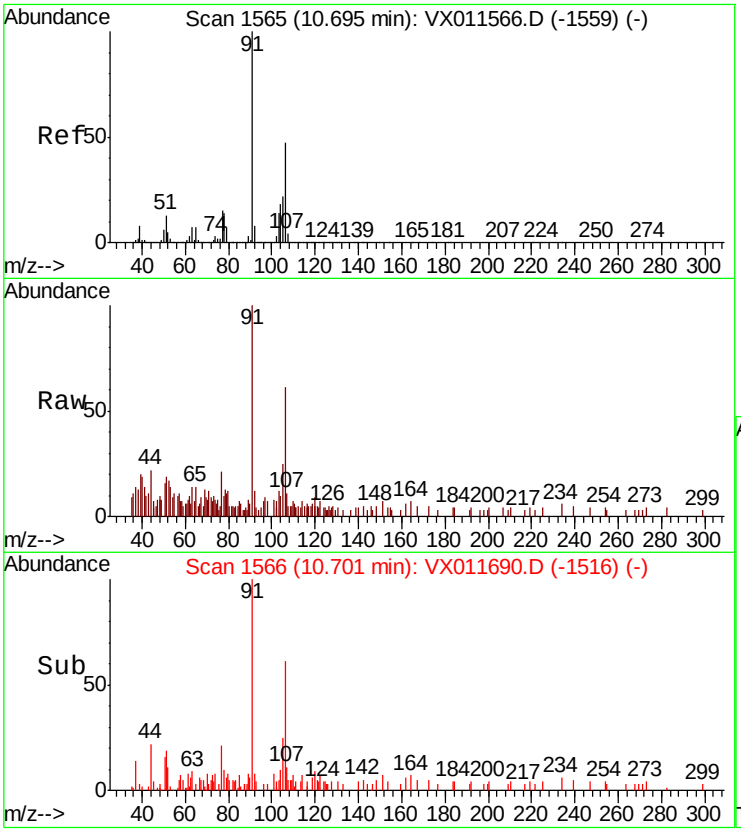


#67
Ethyl Benzene
Concen: 5.322 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 91 Resp: 96246

Ion	Ratio	Lower	Upper
91	100		
106	30.2	26.0	39.0



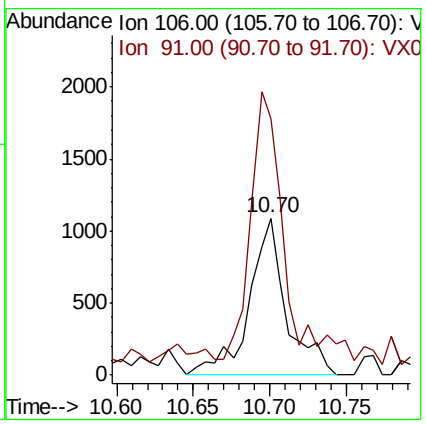


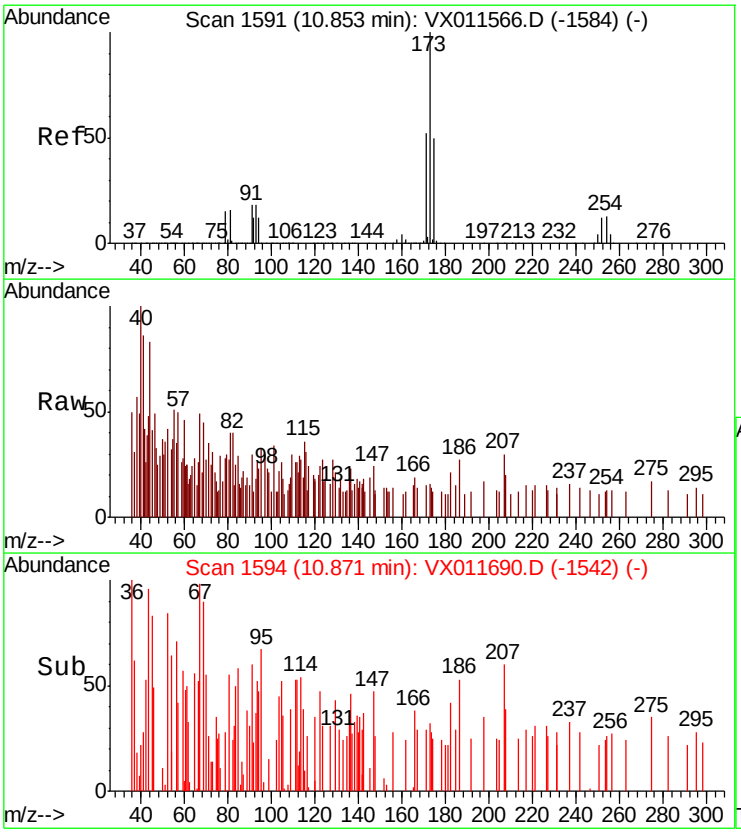
#69
o-Xylene
Concen: 0.270 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:106 Resp: 1837

Ion	Ratio	Lower	Upper
106	100		
91	152.0	105.5	316.4

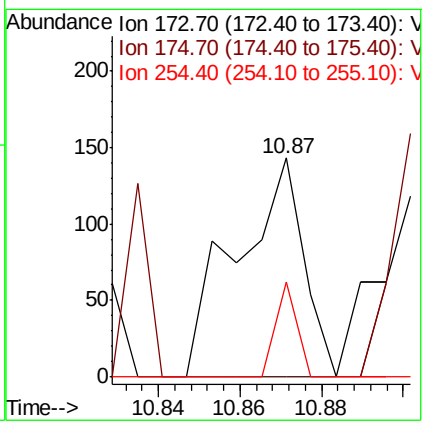


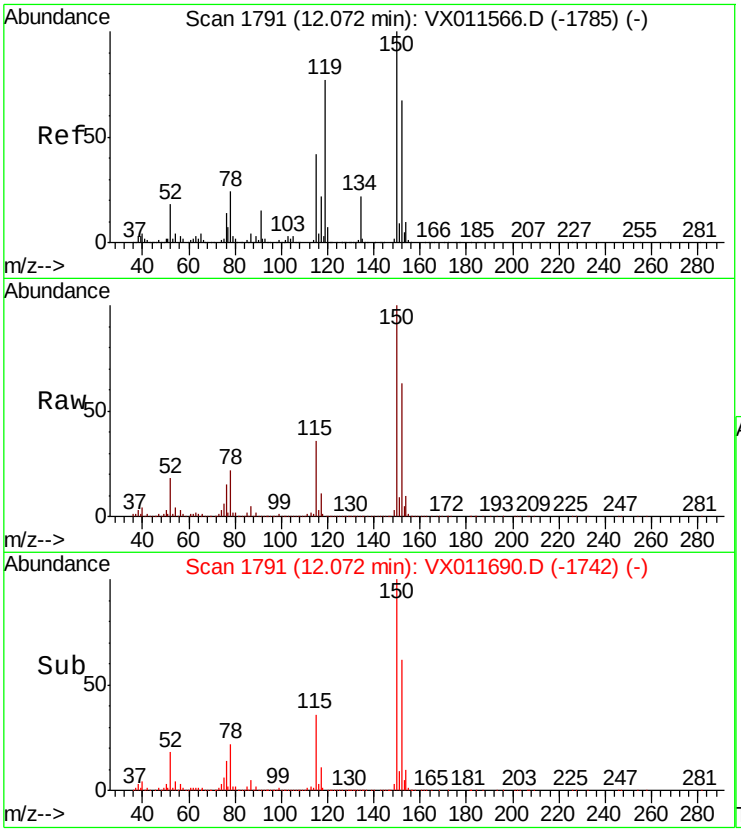


#71
Bromoform
Concen: 3.331 ug/l
RT: 10.87 min Scan# 1594
Delta R.T. 0.02 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion:173 Resp: 165

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.7#
254	13.9	0.1	0.1#



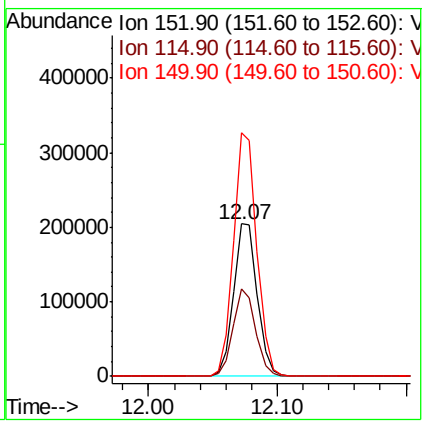


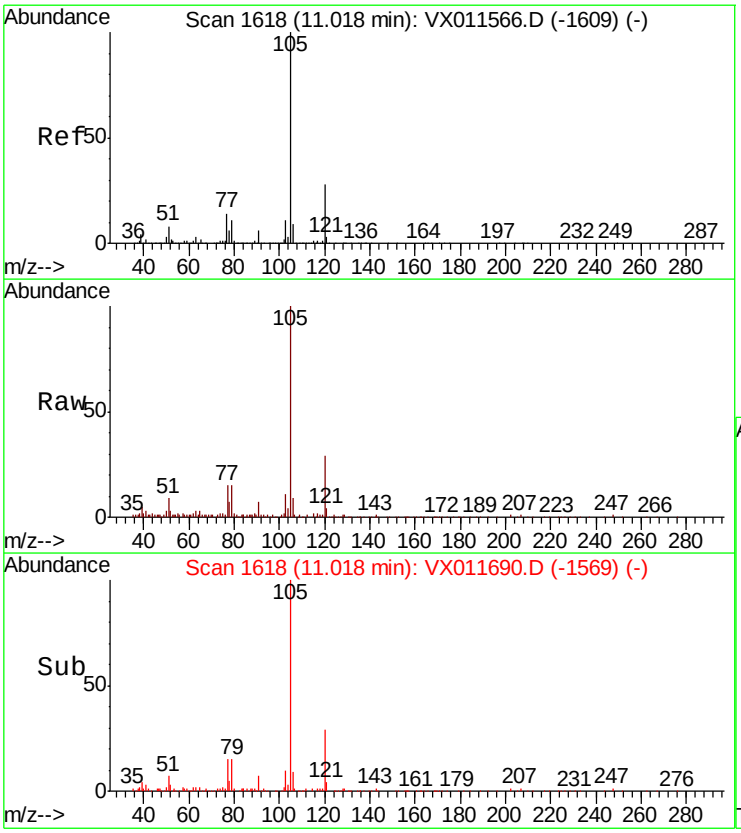
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:152 Resp: 261330

Ion	Ratio	Lower	Upper
152	100		
115	55.1	37.3	111.9
150	157.6	0.0	346.2

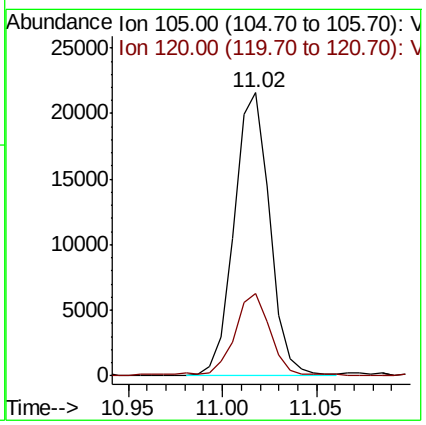


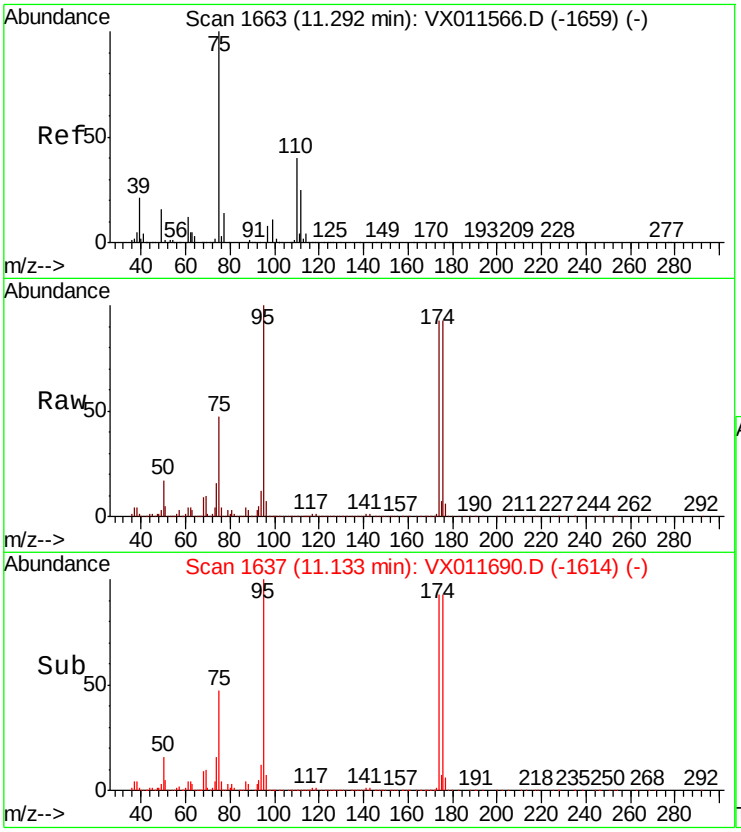


#73
Isopropylbenzene
Concen: 1.666 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion:105 Resp: 28247

Ion	Ratio	Lower	Upper
105	100		
120	30.3	14.0	41.9



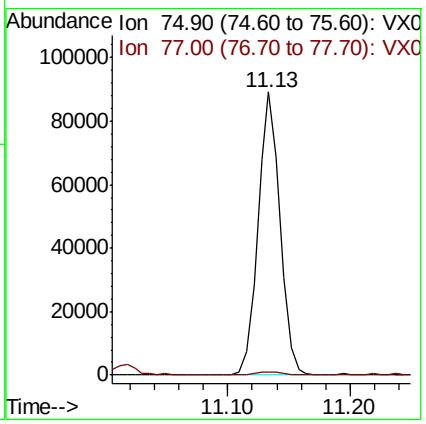


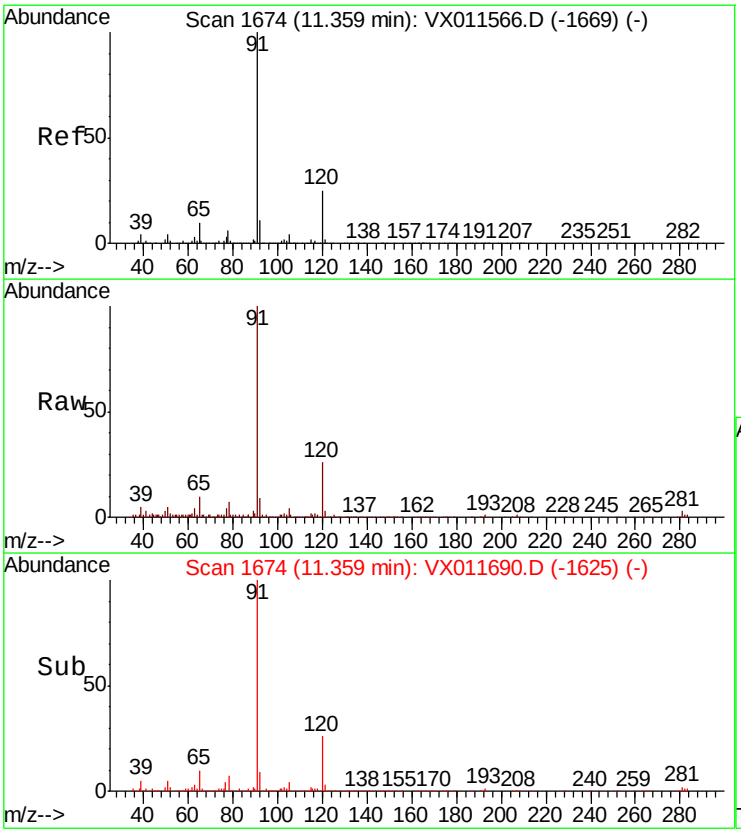
#76
1,2,3-Trichloropropane
Concen: 22.581 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument : MSVOA_X
ClientSampleId : TMW-01

Tgt Ion: 75 Resp: 111898

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.8#

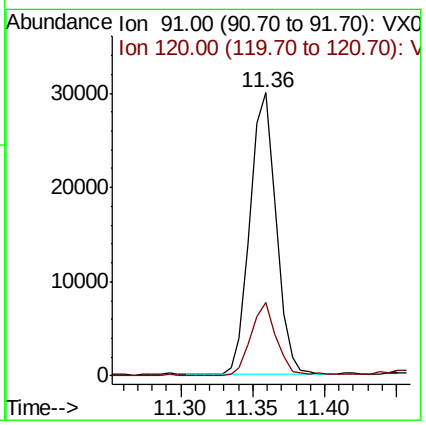


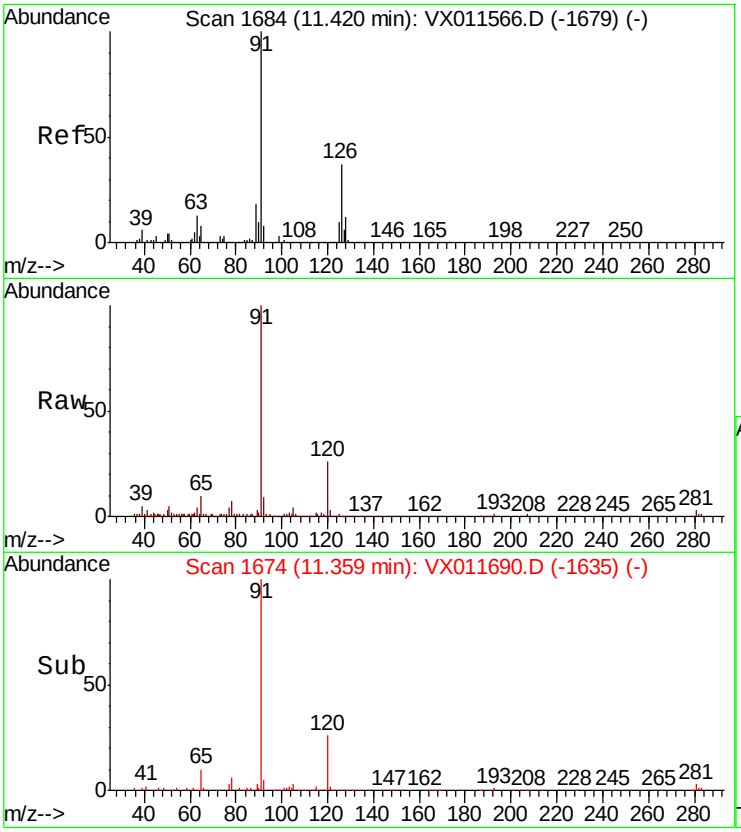


#78
n-propylbenzene
Concen: 2.060 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 91 Resp: 37670

Ion	Ratio	Lower	Upper
91	100		
120	26.2	12.6	37.6



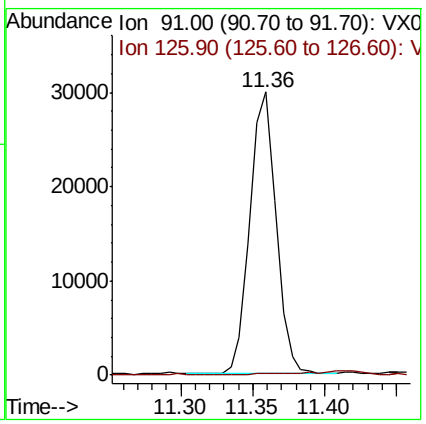


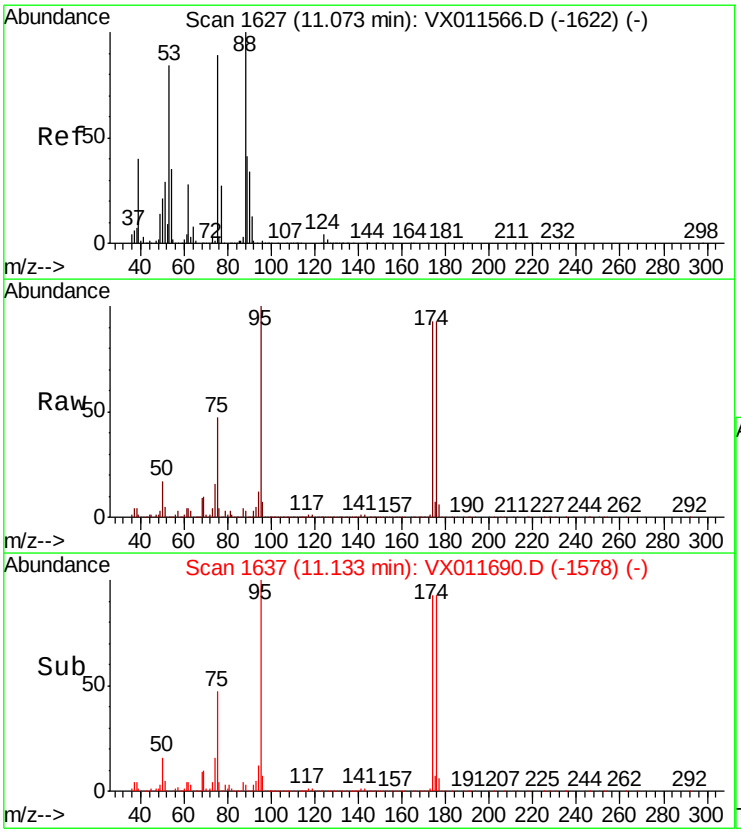
#79
2-Chlorotoluene
Concen: 3.355 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.06 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument : MSVOA_X
ClientSampleId : TMW-01

Tgt Ion: 91 Resp: 37670

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	55.0#

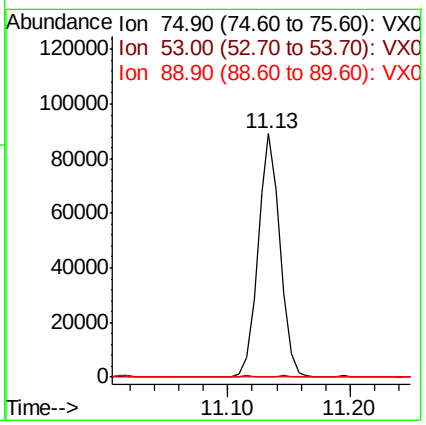


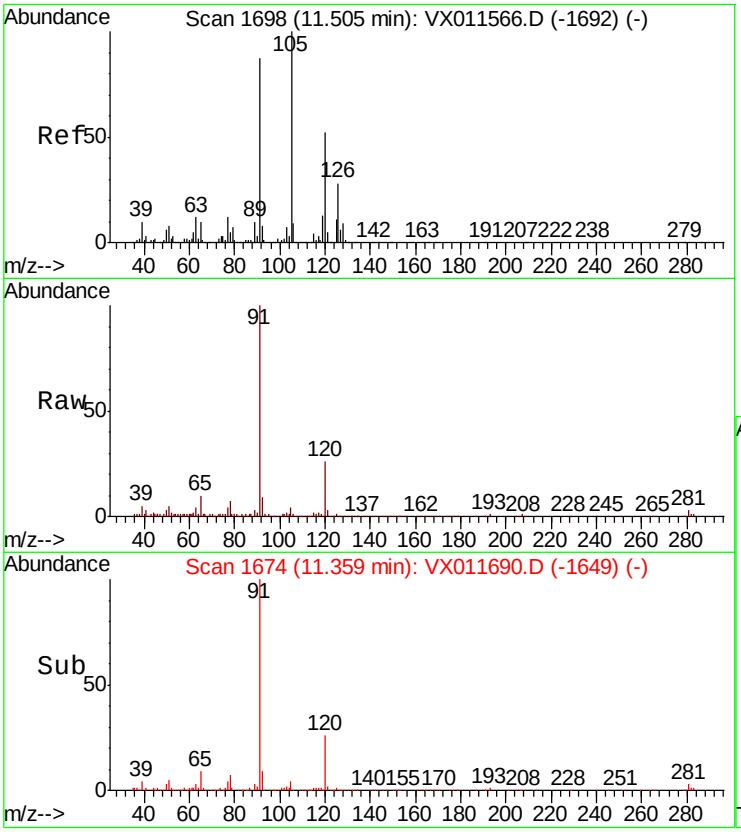


#81
trans-1,4-Dichloro-2-butene
Concen: 60.168 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 75 Resp: 111898

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.4	116.0#
89	0.2	37.3	55.9#



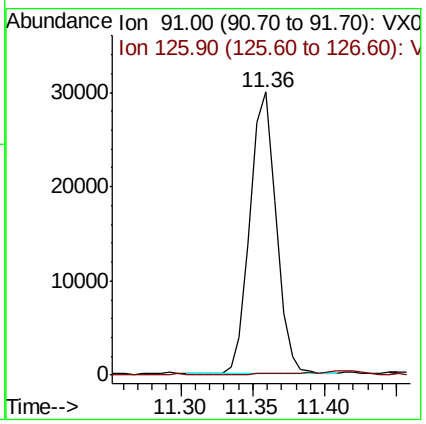


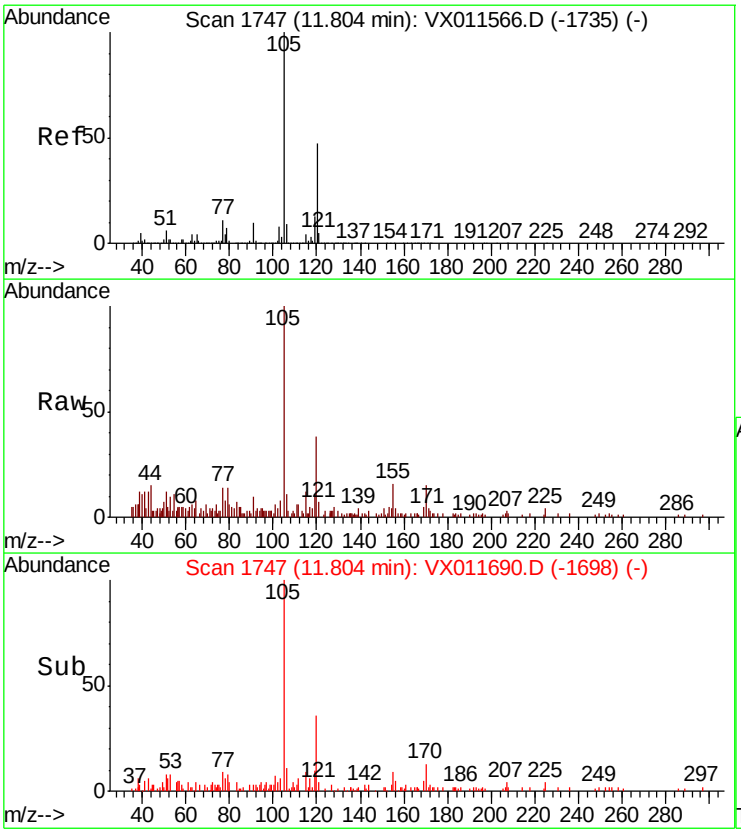
#82
4-Chlorotoluene
Concen: 2.892 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument : MSVOA_X
ClientSampleId : TMW-01

Tgt Ion: 91 Resp: 37670

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.1#

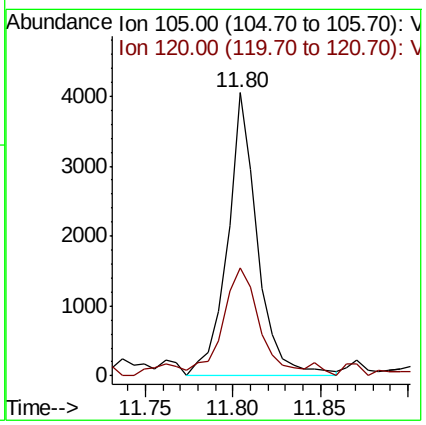


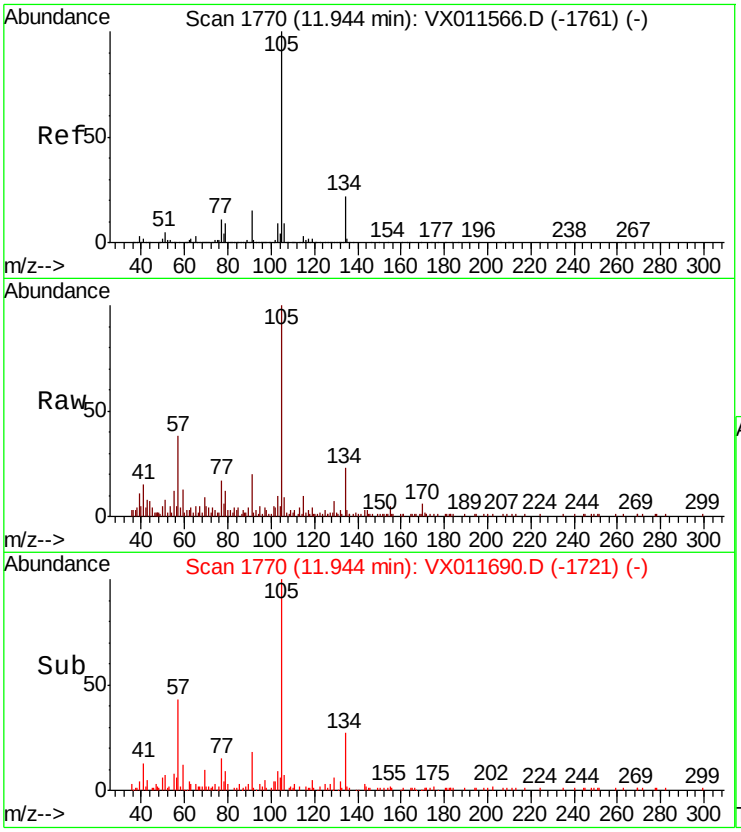


#84
1,2,4-Trimethylbenzene
Concen: 0.338 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion:105 Resp: 4832

Ion	Ratio	Lower	Upper
105	100		
120	49.4	23.3	69.9



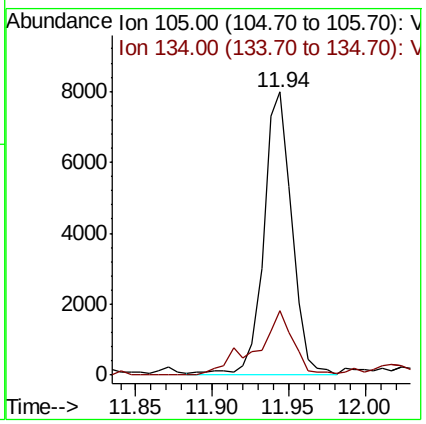


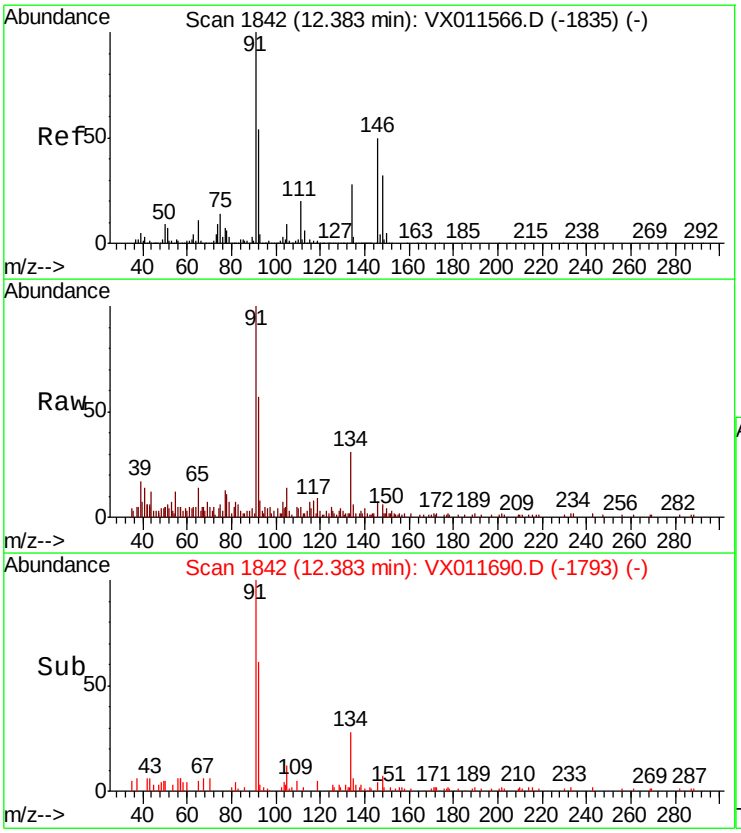
#85
sec-Butylbenzene
Concen: 0.630 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:105 Resp: 10306

Ion	Ratio	Lower	Upper
105	100		
134	30.0	10.8	32.4

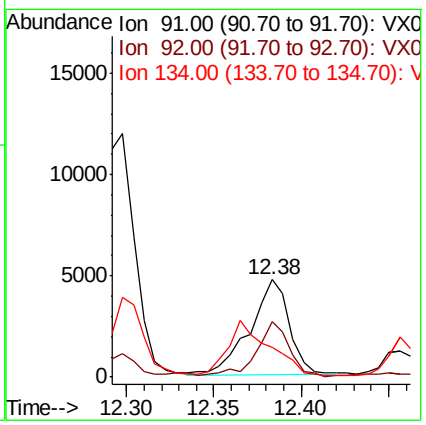


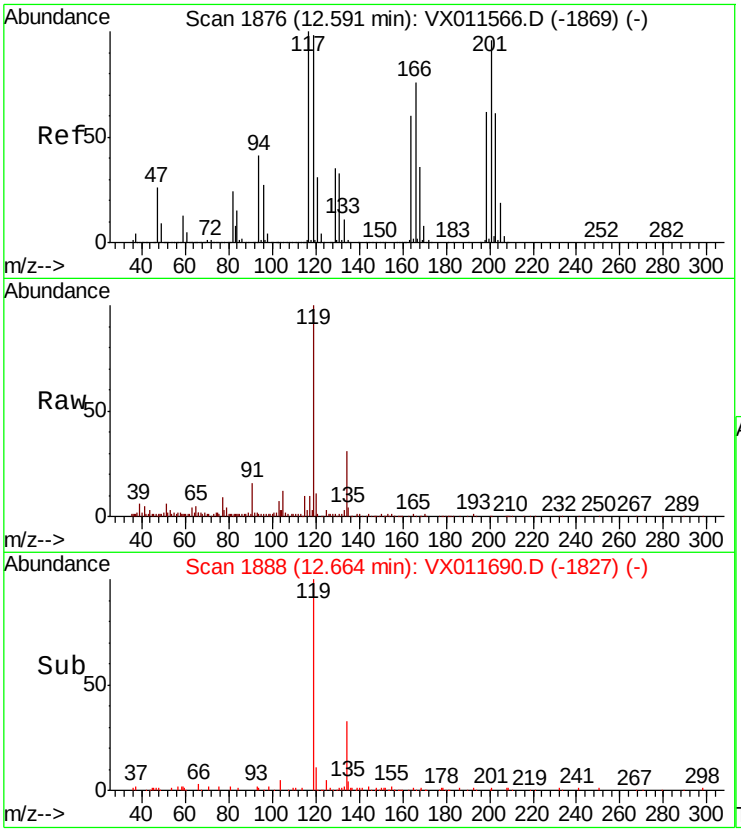


#89
n-Butylbenzene
Concen: 0.587 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 91 Resp: 7435

Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.8	80.3
134	63.8	14.6	44.0#



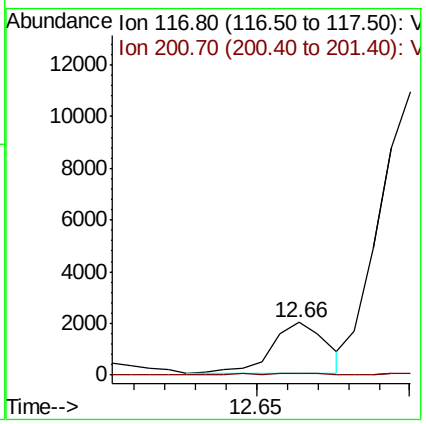


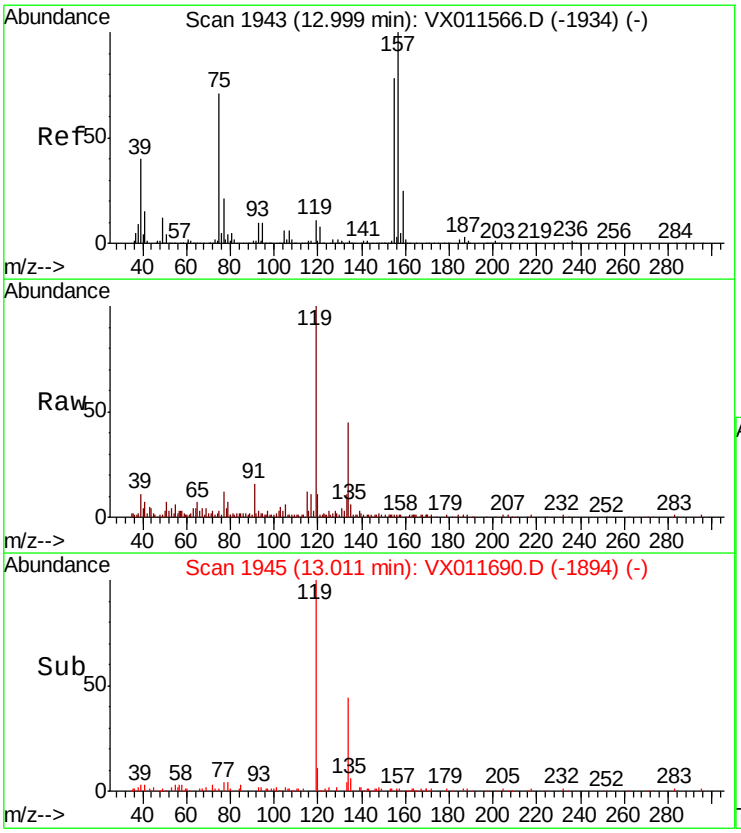
#90
Hexachloroethane
Concen: 1.008 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:117 Resp: 2450

Ion	Ratio	Lower	Upper
117	100		
201	4.3	51.9	155.7#

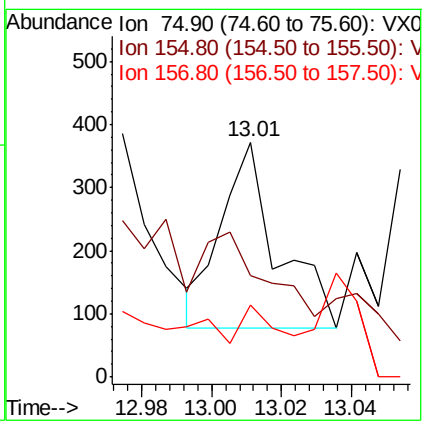


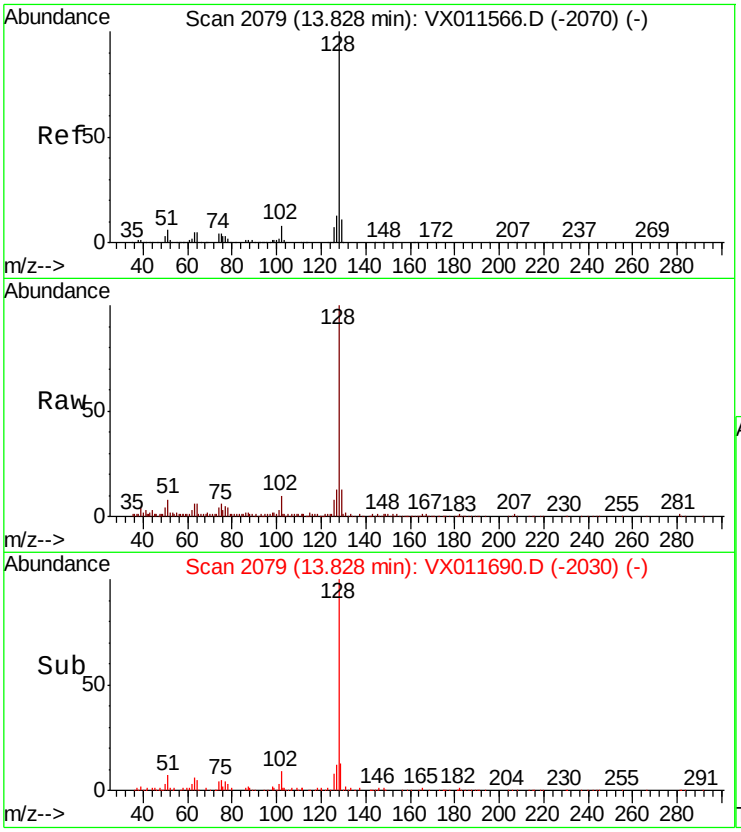


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.247 ug/l
RT: 13.01 min Scan# 1945
Delta R.T. 0.01 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Tgt Ion: 75 Resp: 329

Ion	Ratio	Lower	Upper
75	100		
155	0.0	53.0	159.0#
157	0.0	68.3	205.1#





#95
Naphthalene
Concen: 1.819 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011690.D
Acq: 20 Aug 2019 17:22

Instrument :
MSVOA_X
ClientSampleId :
TMW-01

Tgt Ion:128 Resp: 33348

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.3	15.5#
129	16.4	8.7	13.1#