Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006680.D
Acq On : 20 Dec 2018 17:07
Operator : JC/MD
Sample : J6484-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 975-MW-19(28)

Quant Time: Dec 21 03:32:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	622556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	993166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	908521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347266	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
35) Dibromofluoromethane	5.51	113	294726	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.86%			
50) Toluene-d8	8.71	98	1179338	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
62) 4-Bromofluorobenzene	11.13	95	425698	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	6188	0.966	ug/l	94
5) Bromomethane	1.64	94	522	Below Cal	#	32
6) Chloroethane	1.61	64	6373	1.436	ug/l #	64
11) Tert butyl alcohol	3.03	59	13715	9.159	ug/l #	78
12) 1,1-Dichloroethene	2.38	96	1143	0.205	ug/l #	70
13) Acrolein	2.29	56	267	0.264	ug/l #	65
16) Acetone	2.45	43	15714	5.098	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	3059	0.496	ug/l #	84
25) 2-Butanone	4.71	43	2654	0.612	ug/l #	73
27) cis-1,2-Dichloroethene	4.60	96	91589	13.469	ug/l	91
28) Bromochloromethane	5.03	49	507	Below Cal	#	16
29) Tetrahydrofuran	5.17	42	2294	0.803	ug/l #	61
36) 1,1-Dichloropropene	5.66	75	40906	4.973	ug/l #	39
38) Carbon Tetrachloride	5.67	117	59892	7.492	ug/l #	14
44) Trichloroethene	7.21	130	103262	13.645	ug/l	100
49) 1,4-Dioxane	7.75	88	134	Below Cal	#	1
60) Dibromochloromethane	9.34	129	153132	23.439	ug/l #	10
64) Tetrachloroethene	9.34	164	165169	22.959	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	200170	24.556	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	200170	72.637	ug/l #	10
90) Hexachloroethane	12.64	117	52	3.305	ug/l	71

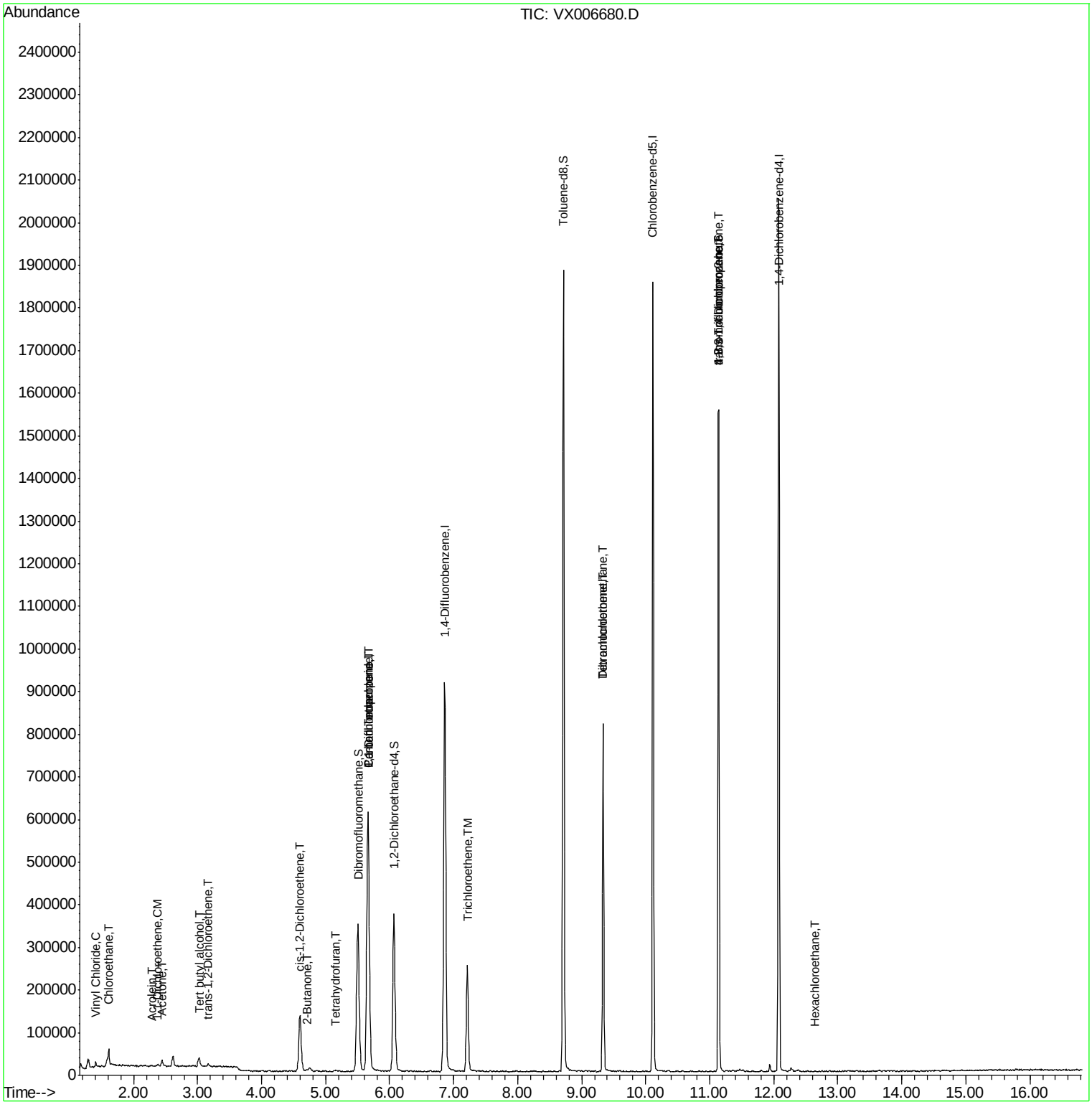
(#) = qualifier out of range (m) = manual integration (+) = signals summed

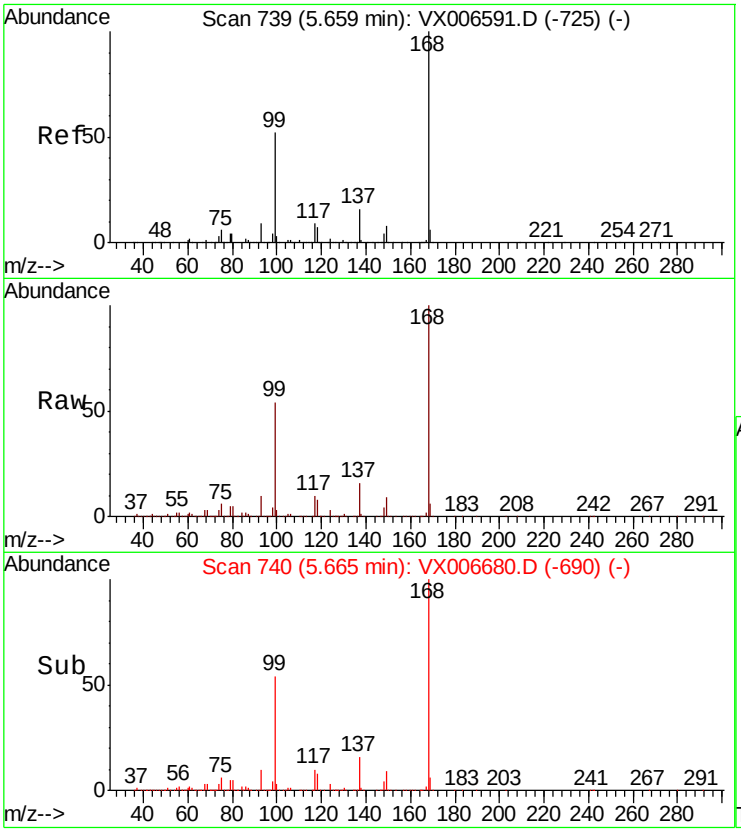
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006680.D
Acq On : 20 Dec 2018 17:07
Operator : JC/MD
Sample : J6484-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 975-MW-19(28)

Quant Time: Dec 21 03:32:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration



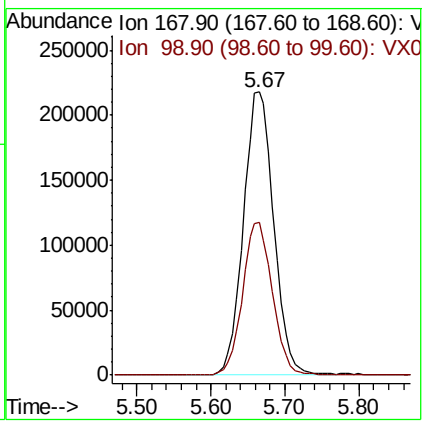


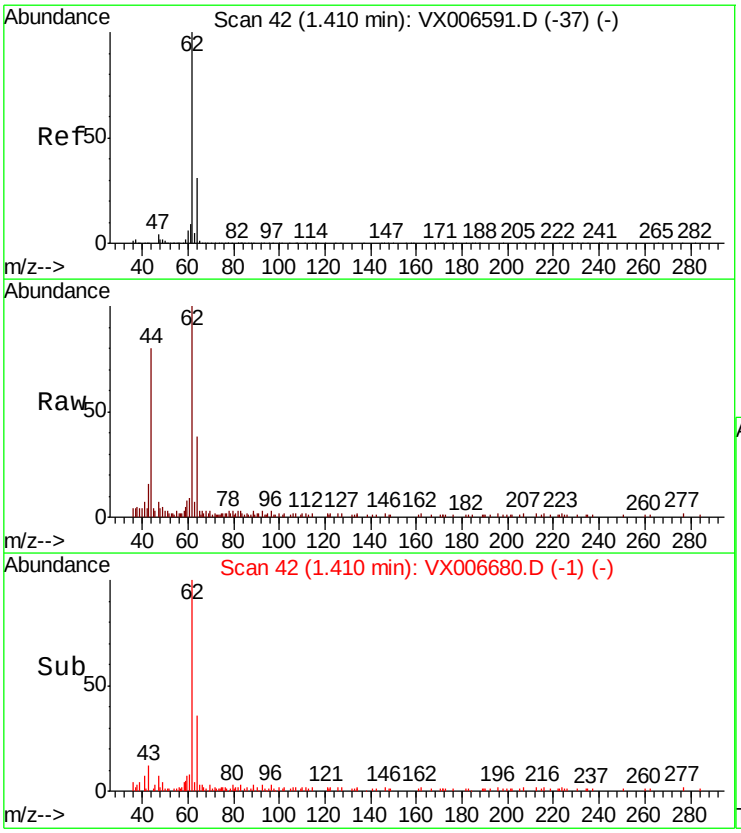
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion:168 Resp: 622556

Ion	Ratio	Lower	Upper
168	100		
99	54.2	41.8	62.8

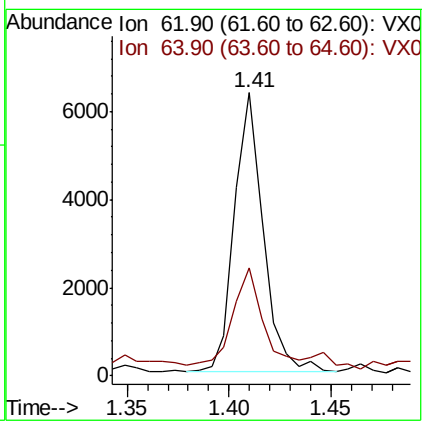


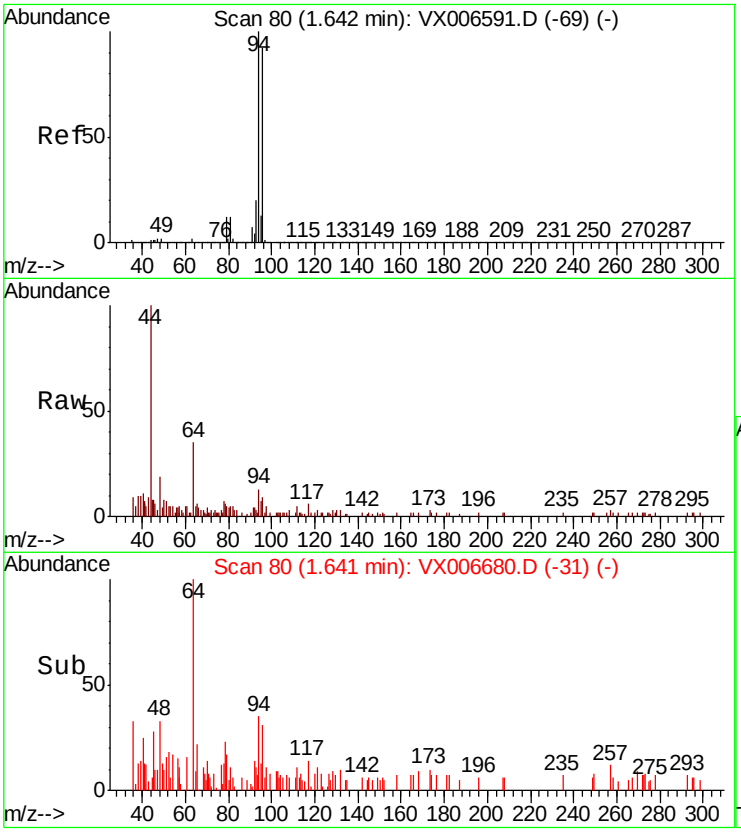


#4
Vinyl Chloride
Concen: 0.966 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 62 Resp: 6188

Ion	Ratio	Lower	Upper
62	100		
64	35.0	25.1	37.7



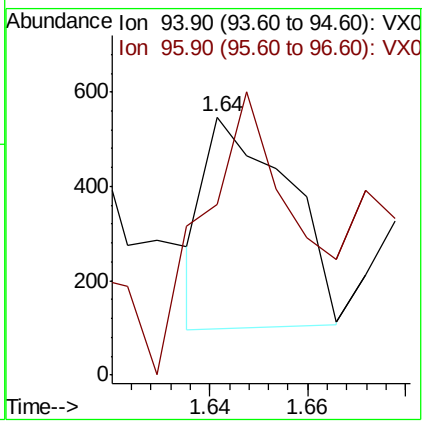


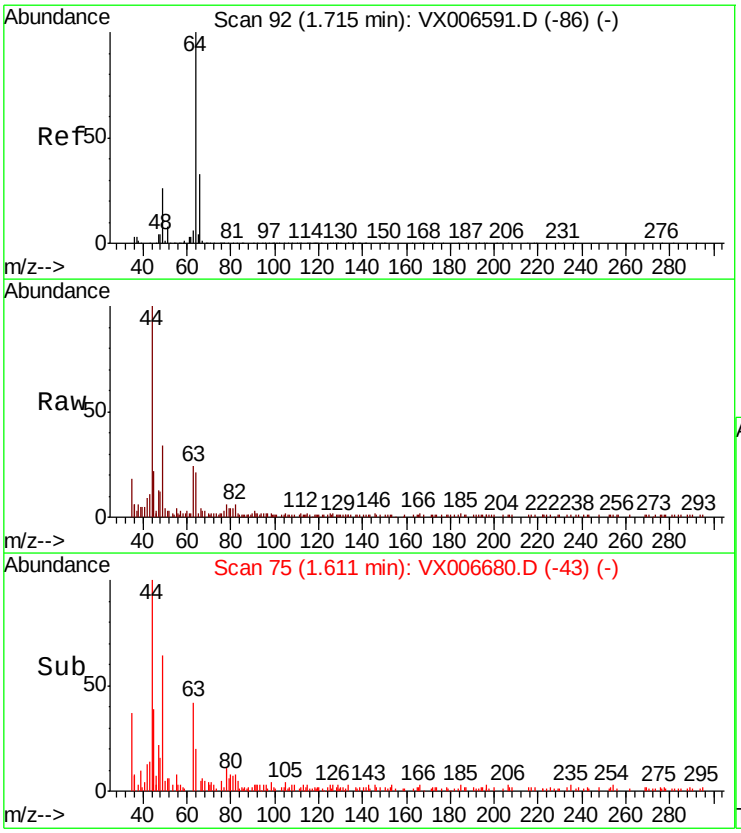
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 94 Resp: 522

Ion	Ratio	Lower	Upper
94	100		
96	27.4	73.4	110.2#

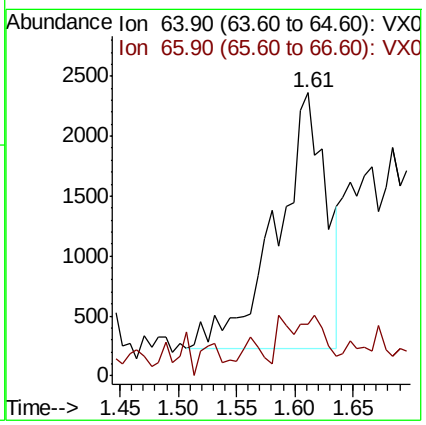


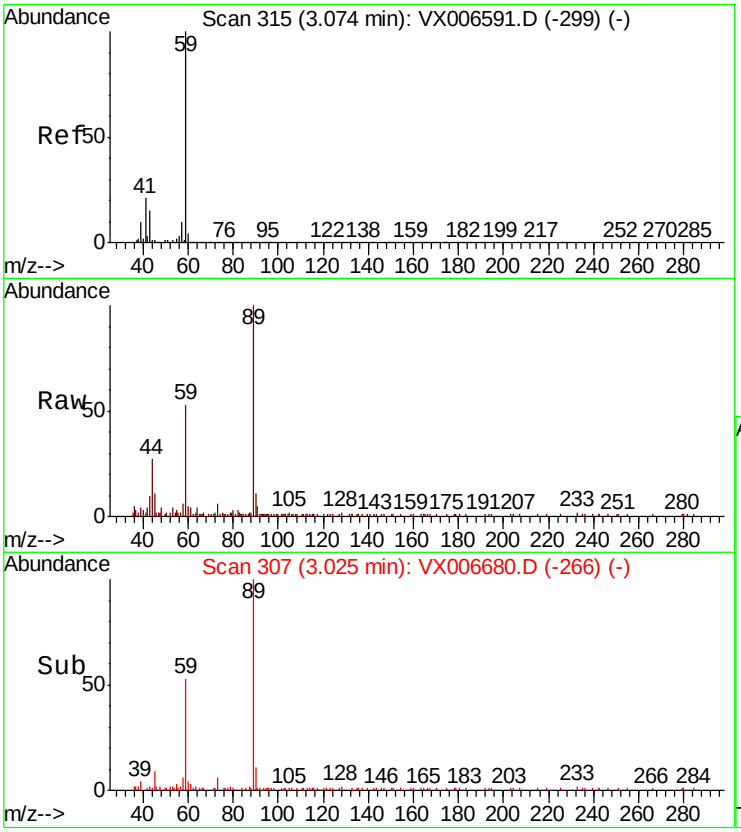


#6
Chloroethane
Concen: 1.436 ug/l
RT: 1.61 min Scan# 75
Delta R.T. -0.10 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 64 Resp: 6373

Ion	Ratio	Lower	Upper
64	100		
66	12.6	26.4	39.6#



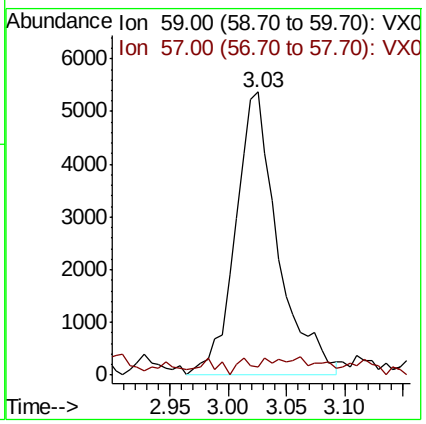


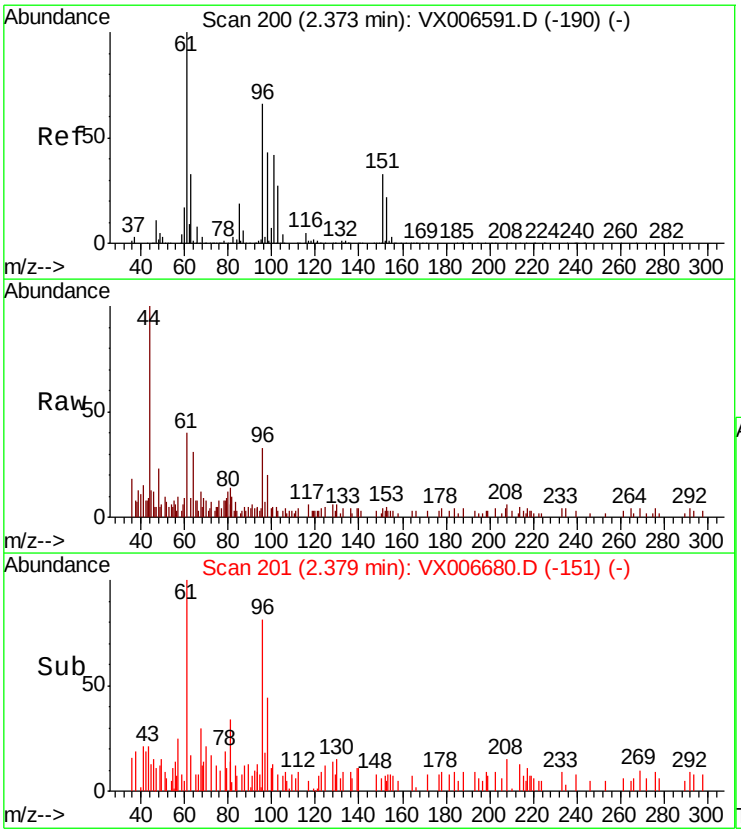
#11
Tert butyl alcohol
Concen: 9.159 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 59 Resp: 13715

Ion	Ratio	Lower	Upper
59	100		
57	2.4	8.5	12.7#

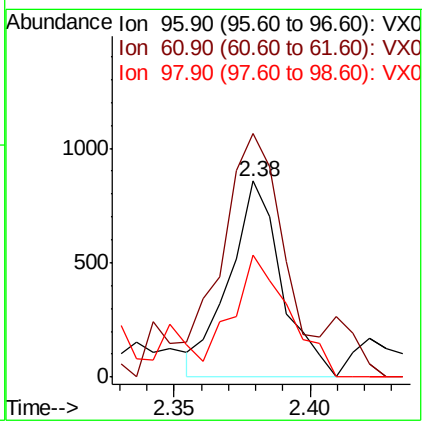


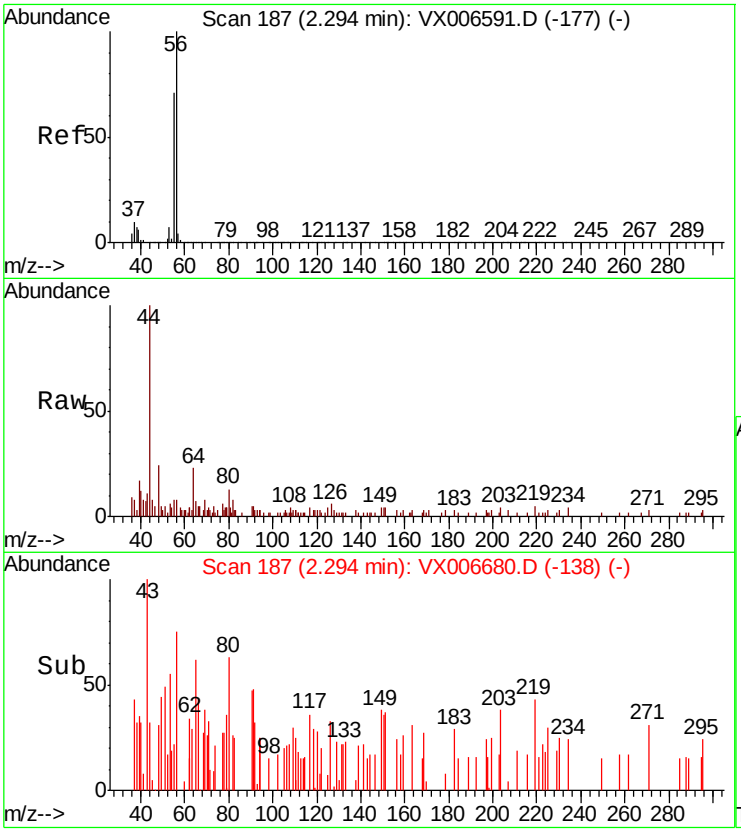


#12
1,1-Dichloroethene
Concen: 0.205 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 96 Resp: 1143

Ion	Ratio	Lower	Upper
96	100		
61	106.5	121.4	182.2#
98	51.2	51.9	77.9#



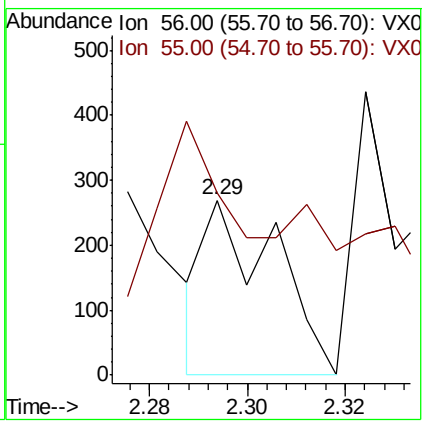


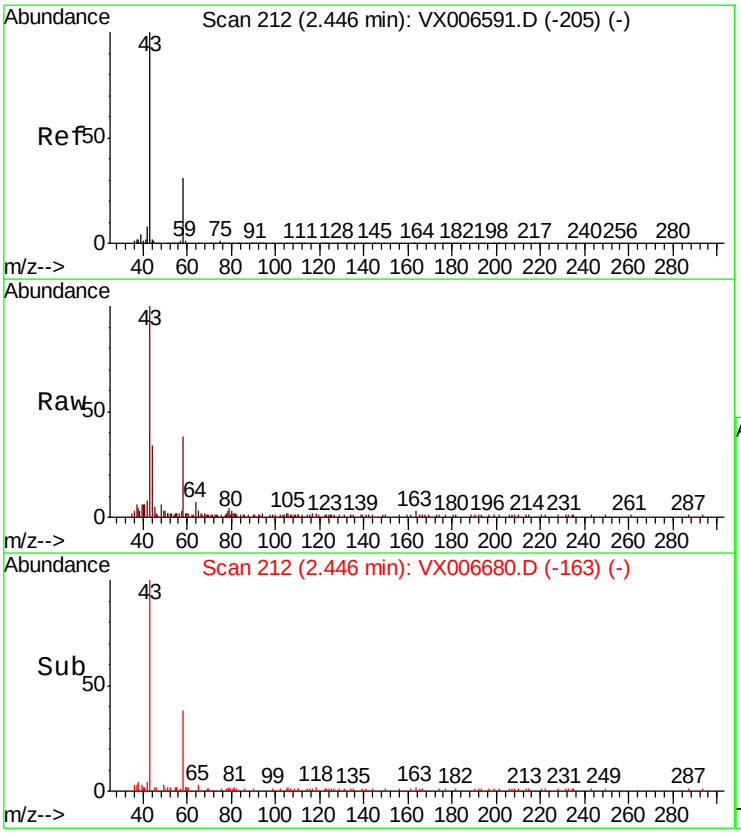
#13
Acrolein
Concen: 0.264 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 56 Resp: 267

Ion	Ratio	Lower	Upper
56	100		
55	102.2	58.2	87.4#

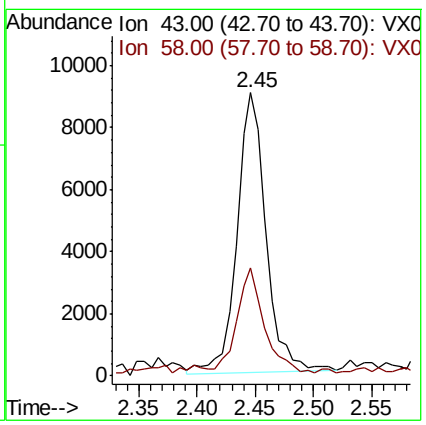


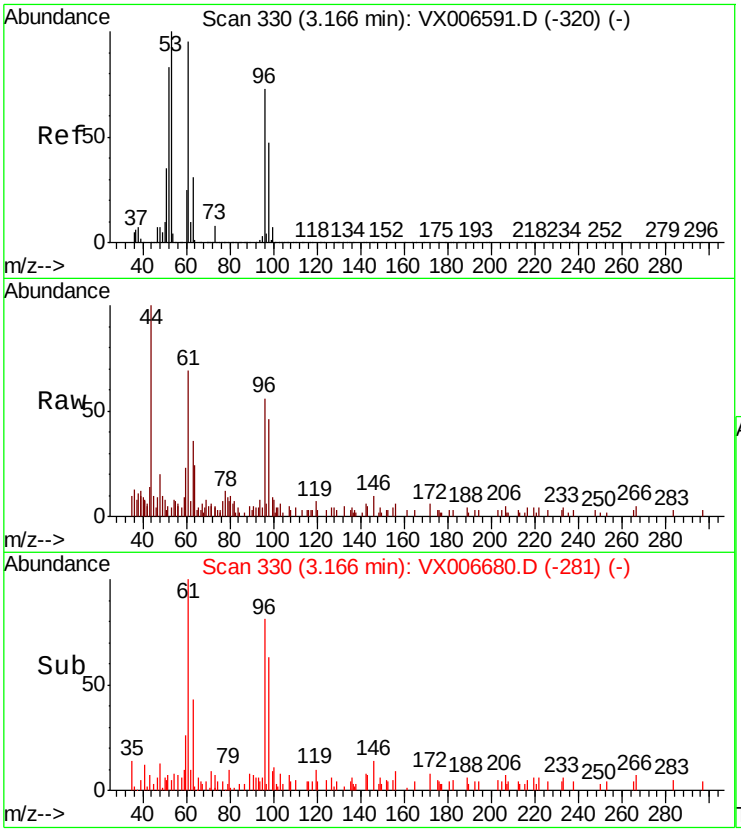


#16
Acetone
Concen: 5.098 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 43 Resp: 15714

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.0	37.6



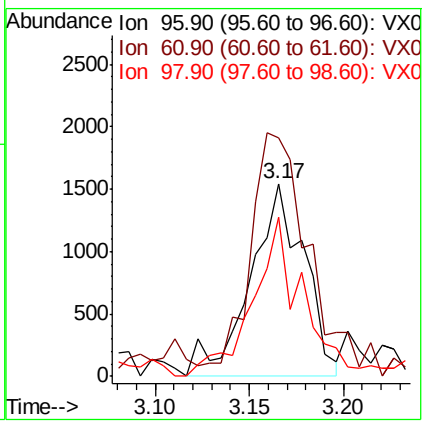


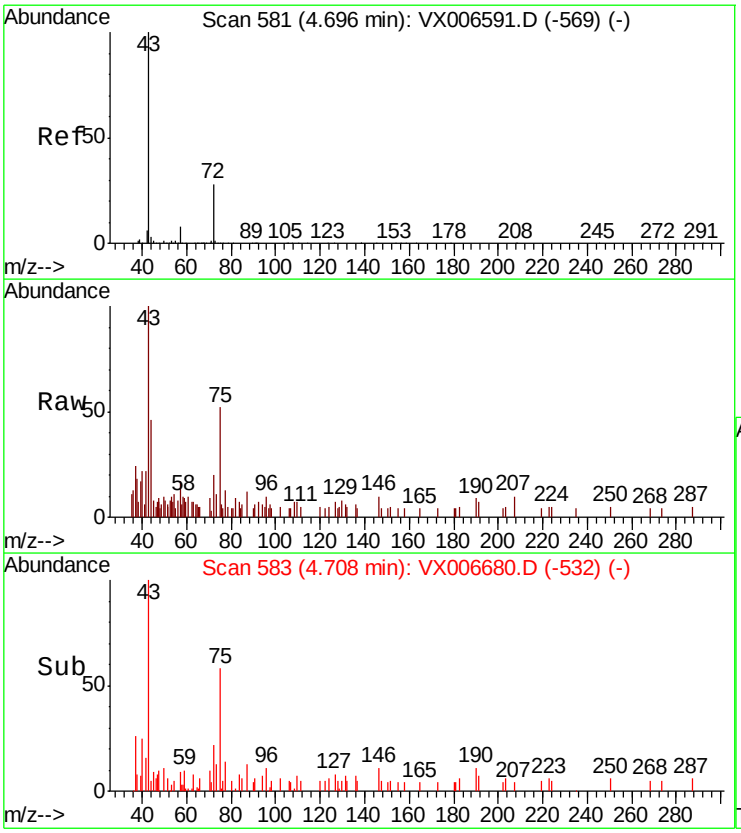
#21
trans-1,2-Dichloroethene
Concen: 0.496 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 96 Resp: 3059

Ion	Ratio	Lower	Upper
96	100		
61	114.9	103.7	155.5
98	82.1	51.0	76.6#

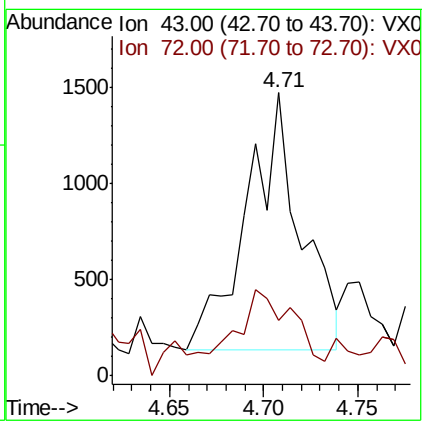


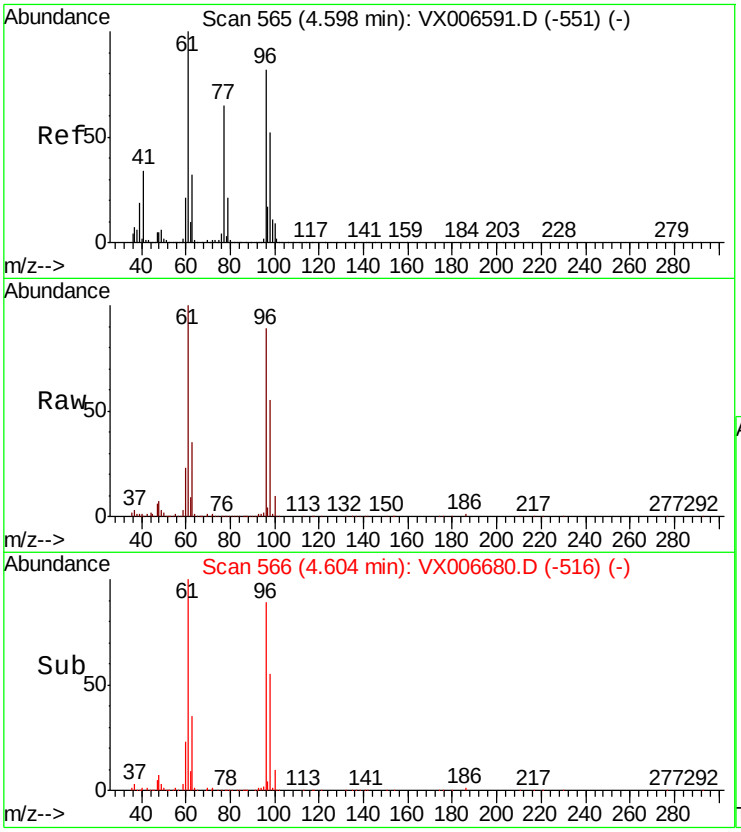


#25
2-Butanone
Concen: 0.612 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 43 Resp: 2654

Ion	Ratio	Lower	Upper
43	100		
72	13.6	22.4	33.6#



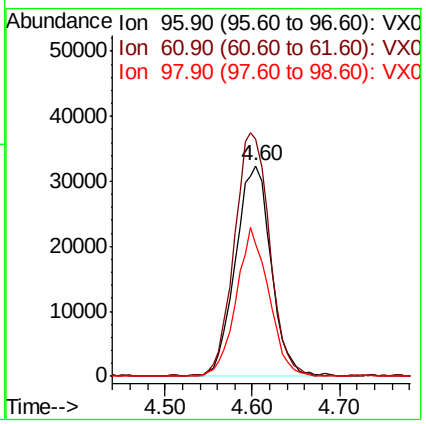


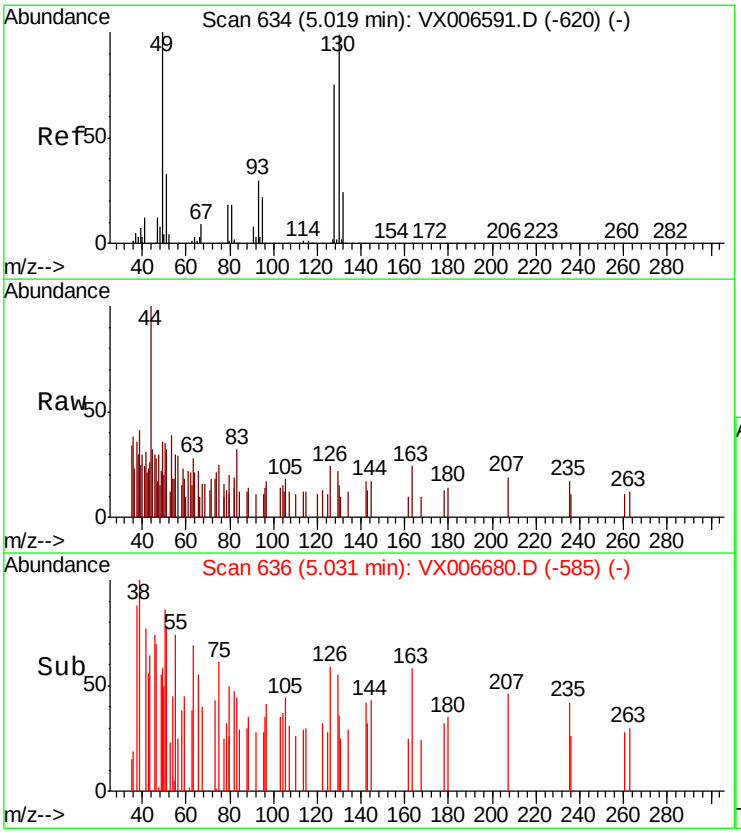
#27
cis-1,2-Dichloroethene
Concen: 13.469 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 96 Resp: 91589

Ion	Ratio	Lower	Upper
96	100		
61	114.2	0.0	258.6
98	64.6	0.0	132.0

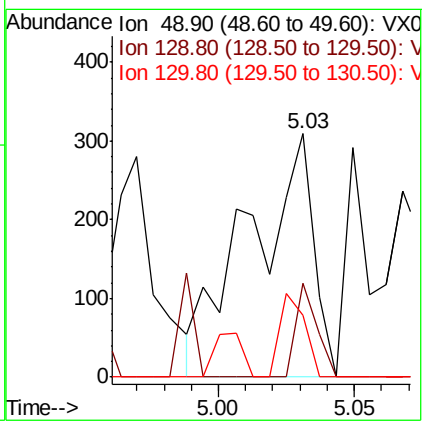


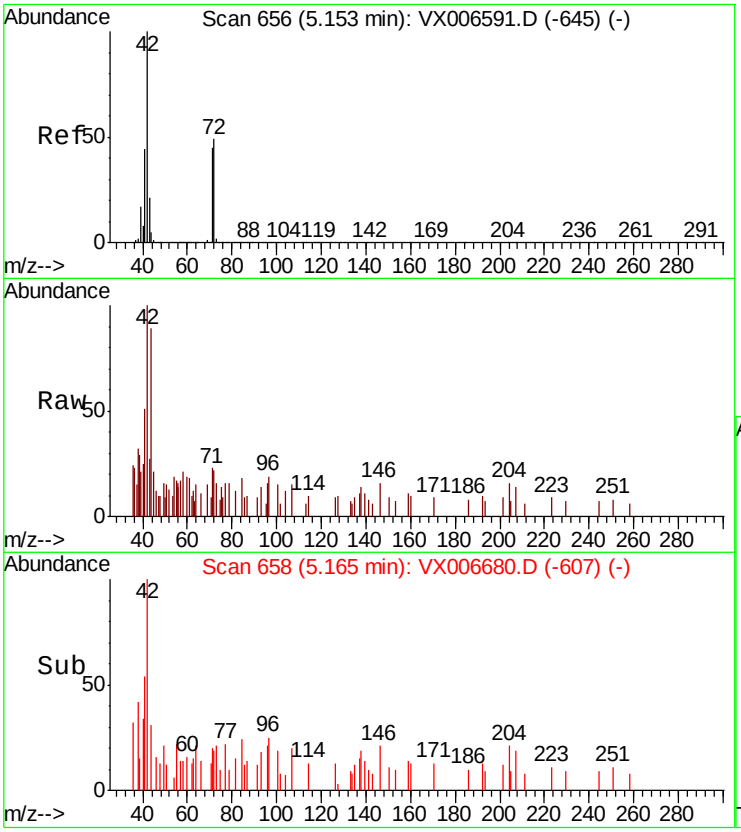


#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 49 Resp: 507

Ion	Ratio	Lower	Upper
49	100		
129	12.4	0.0	5.4#
130	13.4	77.7	116.5#



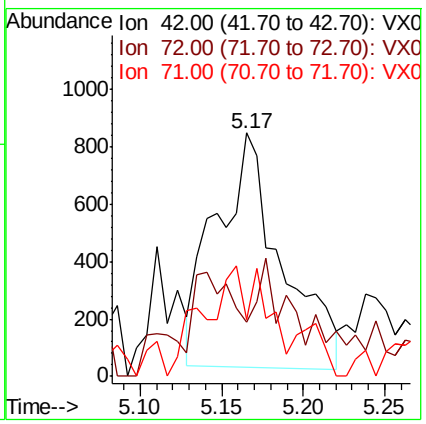


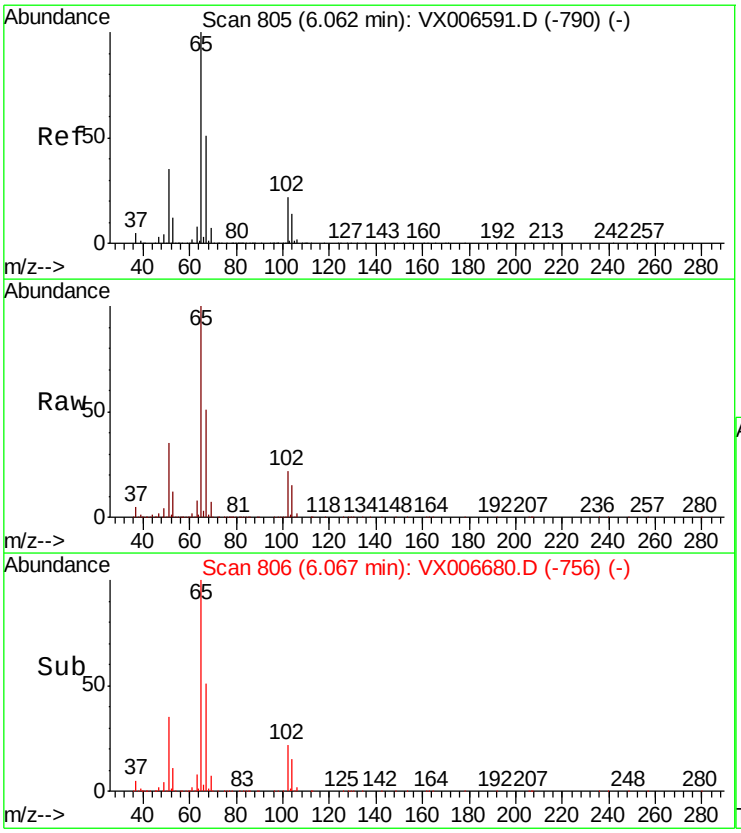
#29
Tetrahydrofuran
Concen: 0.803 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 42 Resp: 2294

Ion	Ratio	Lower	Upper
42	100		
72	13.3	38.9	58.3#
71	28.6	36.2	54.4#

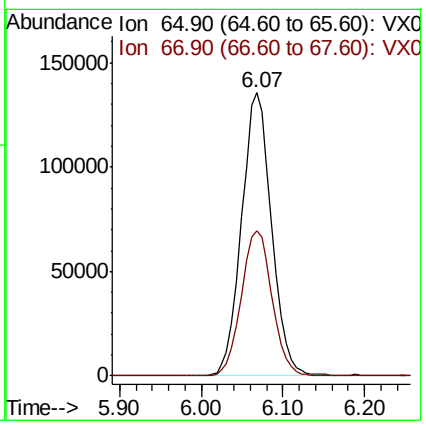


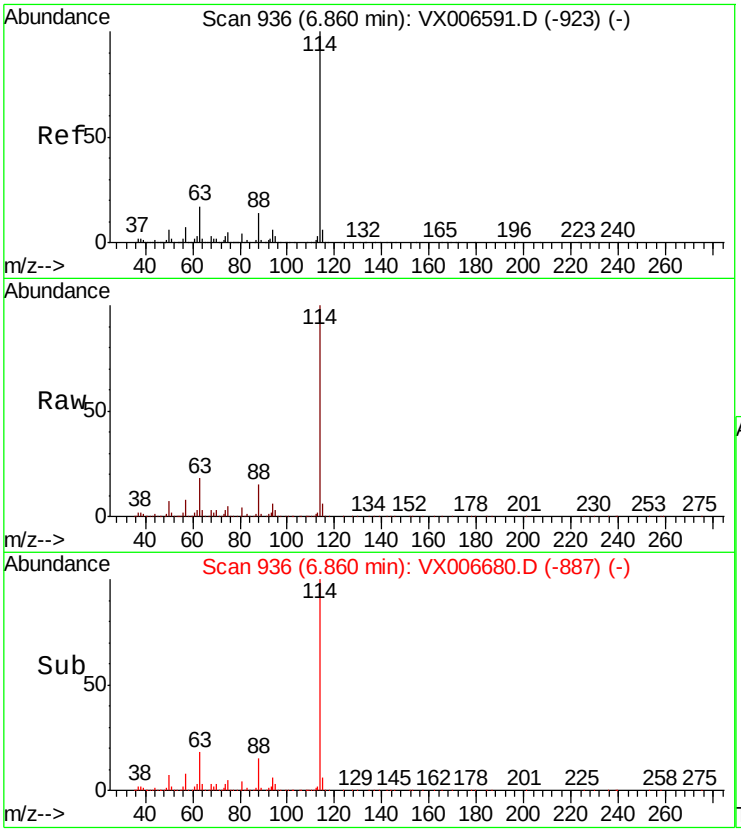


#33
1,2-Dichloroethane-d4
Concen: 51.756 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 65 Resp: 347266

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0



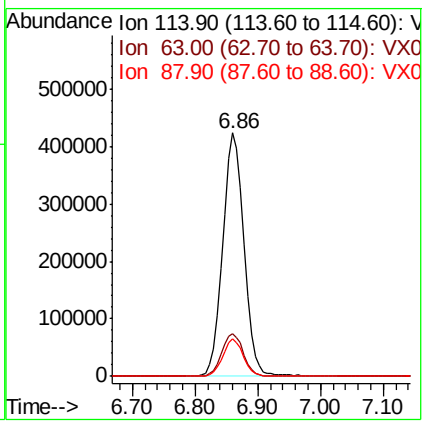


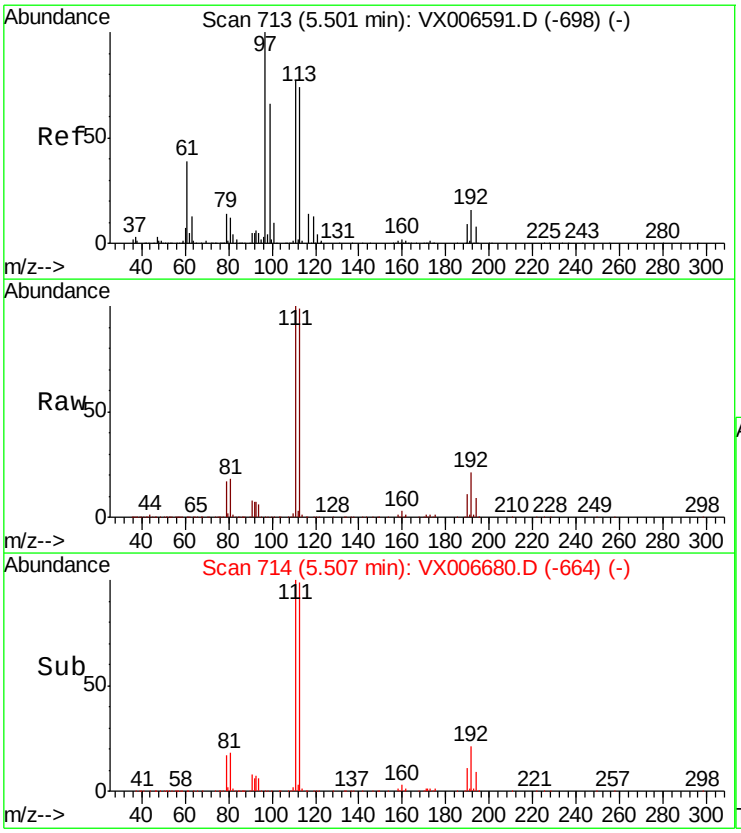
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion:114 Resp: 993166

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.8
88	15.3	0.0	28.8

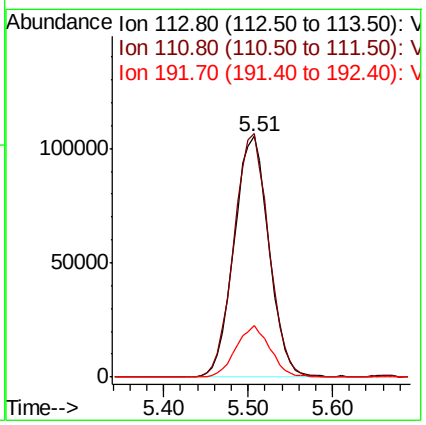


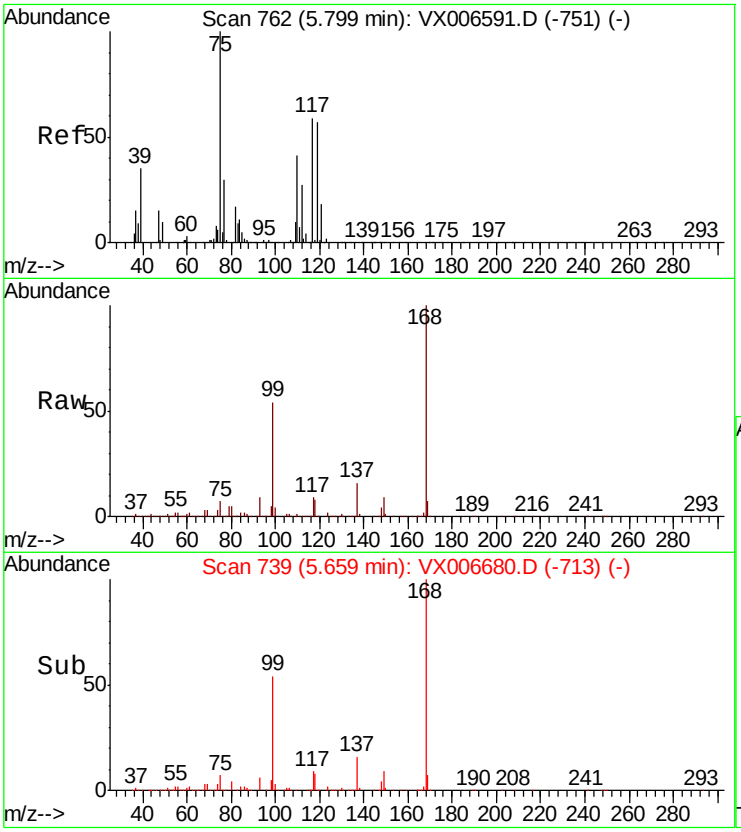


#35
Dibromofluoromethane
Concen: 46.926 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion:113 Resp: 294726

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.6	122.4
192	20.9	16.7	25.1



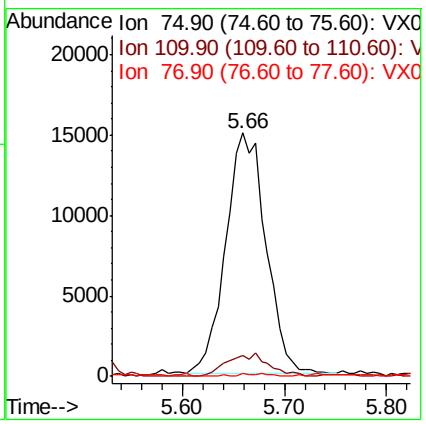


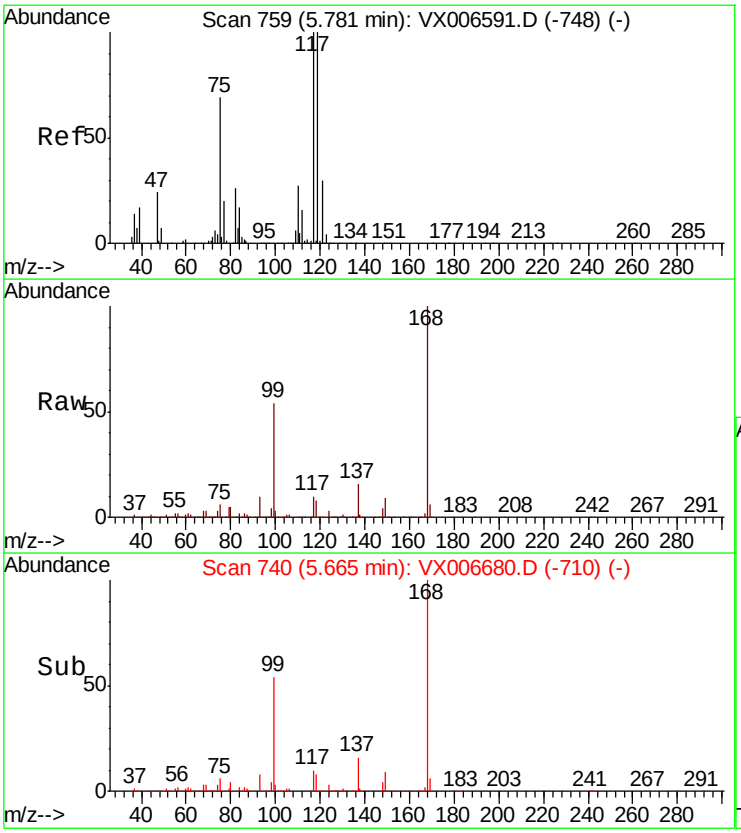
#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 75 Resp: 40906

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.2	60.5#
77	0.5	24.8	37.2#

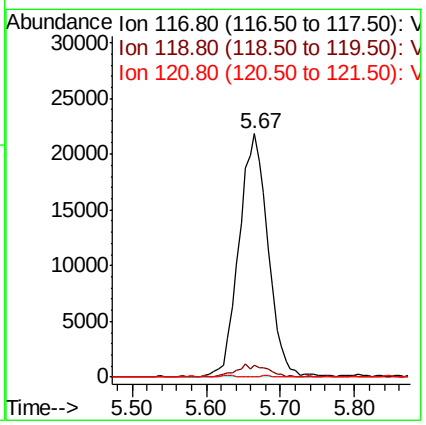


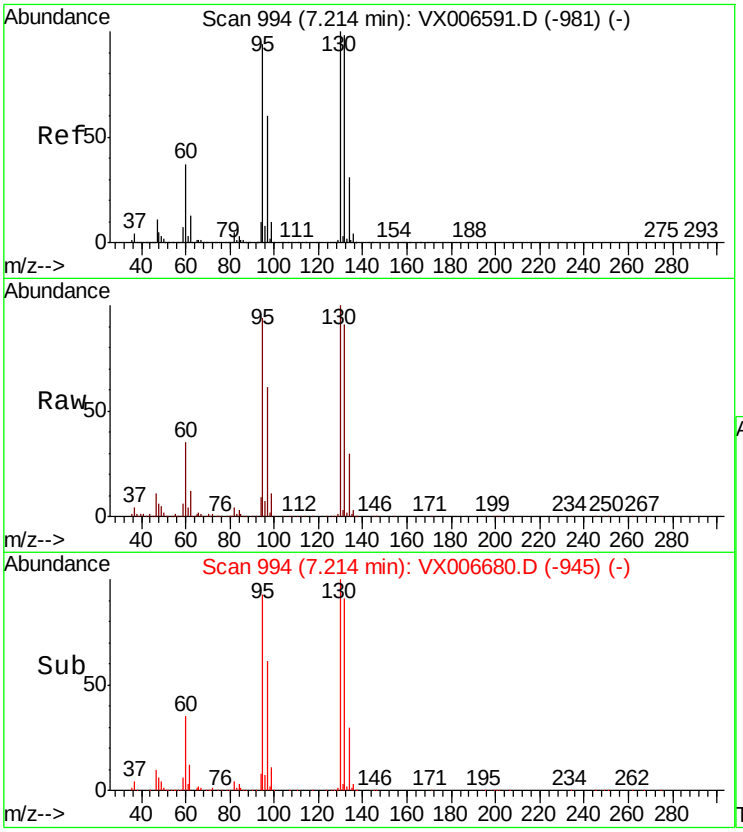


#38
Carbon Tetrachloride
Concen: 7.492 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion:117 Resp: 59892

Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.4	119.2#
121	0.2	24.0	36.0#



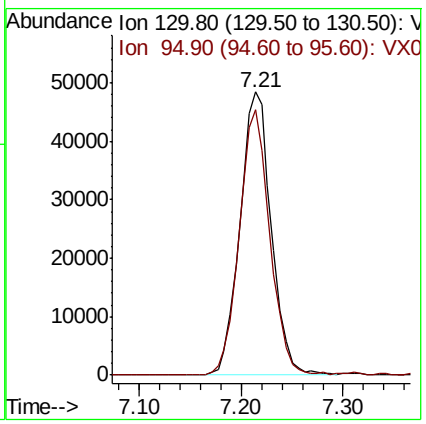


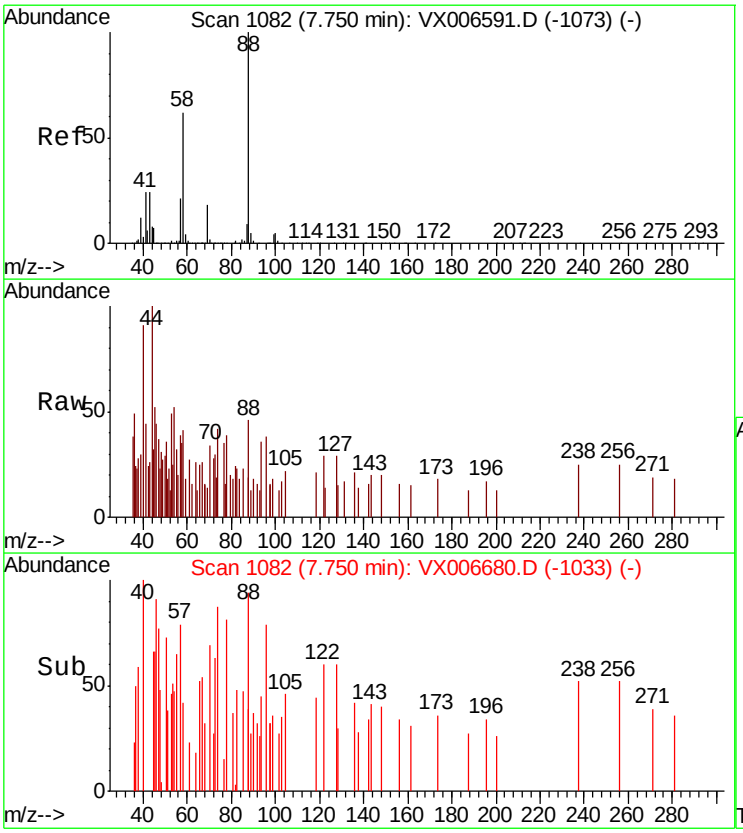
#44
Trichloroethene
Concen: 13.645 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion:130 Resp: 103262

Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	187.0

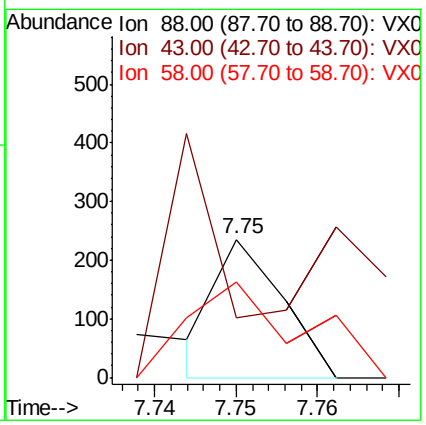


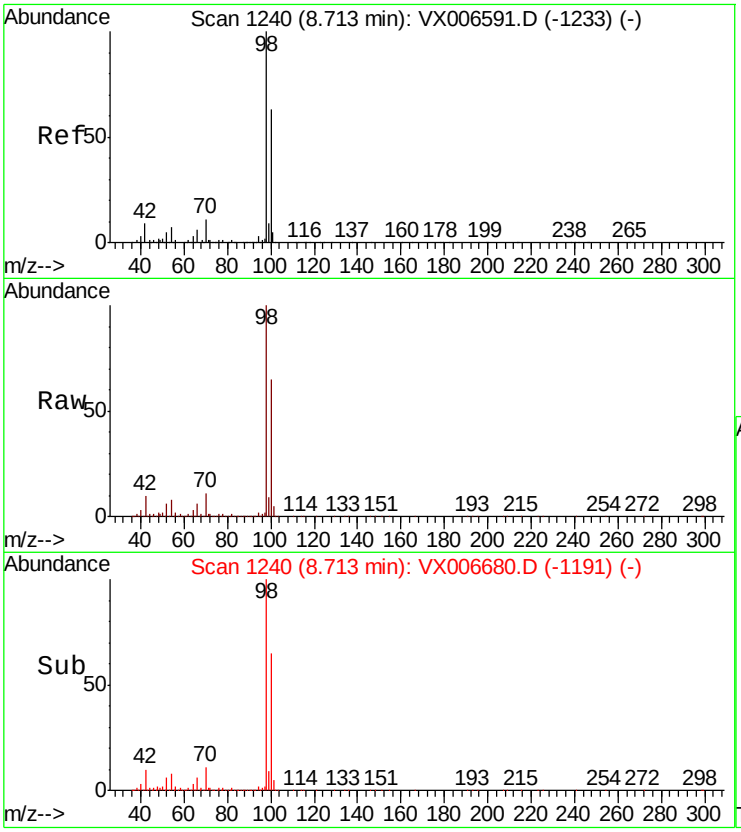


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 88 Resp: 134

Ion	Ratio	Lower	Upper
88	100		
43	172.4	22.2	33.4#
58	89.6	51.0	76.4#



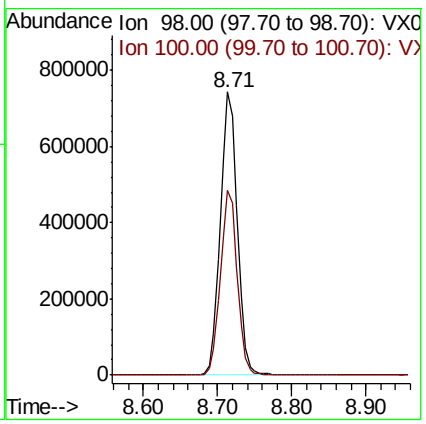


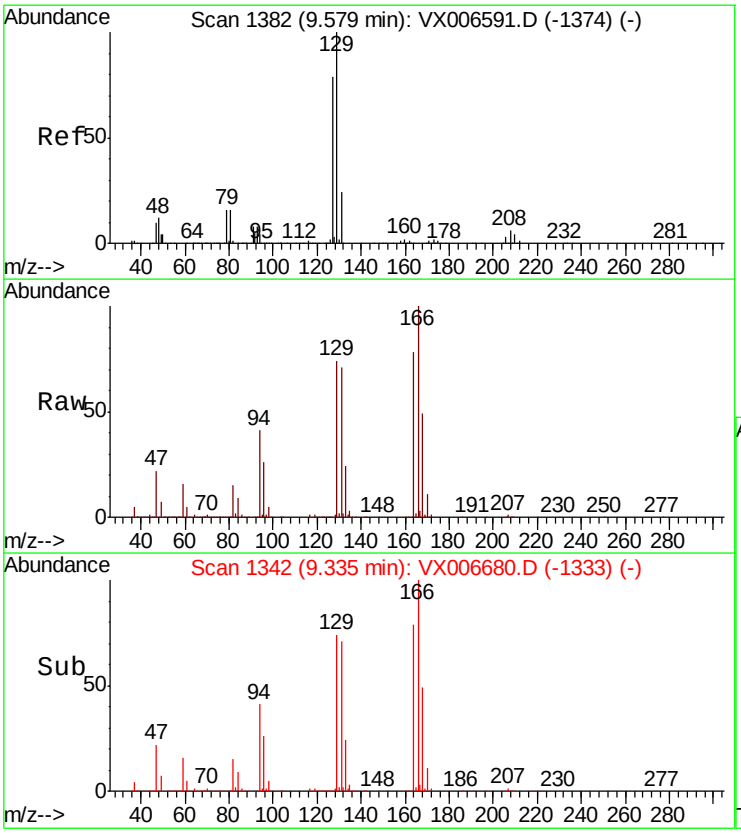
#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 98 Resp: 1179338

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

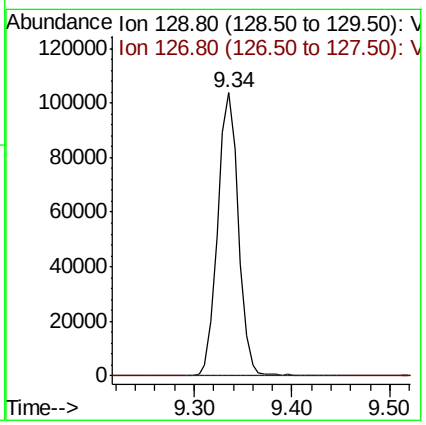


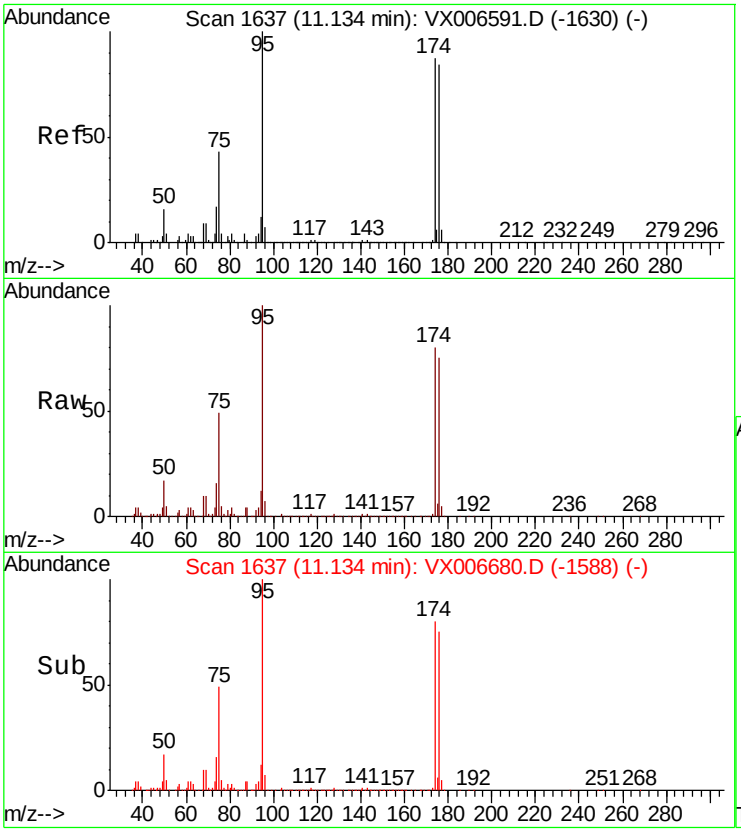


#60
Dibromochloromethane
Concen: 23.439 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion:129 Resp: 153132

Ion	Ratio	Lower	Upper
129	100		
127	0.1	39.3	117.8#



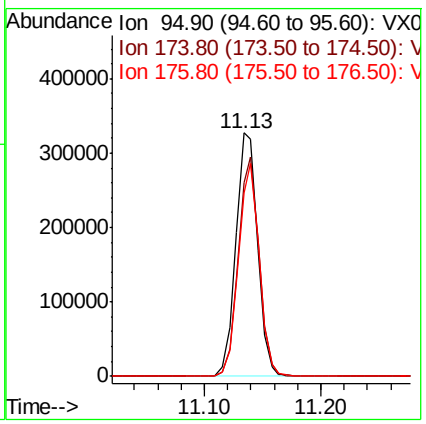


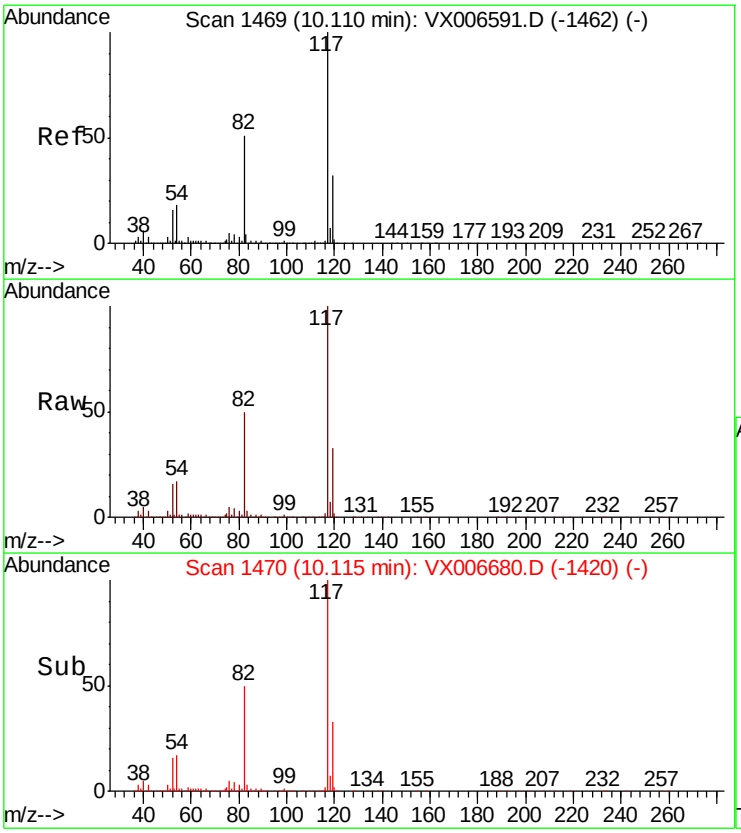
#62
4-Bromofluorobenzene
Concen: 49.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 95 Resp: 425698

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	182.2
176	83.7	0.0	178.8

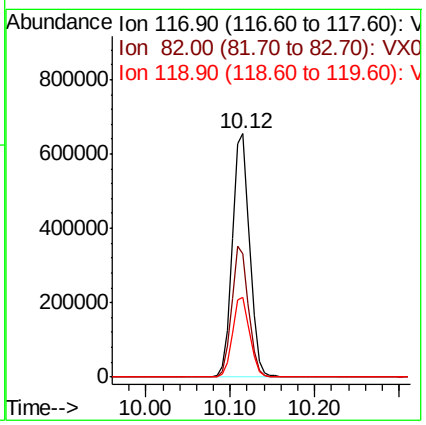


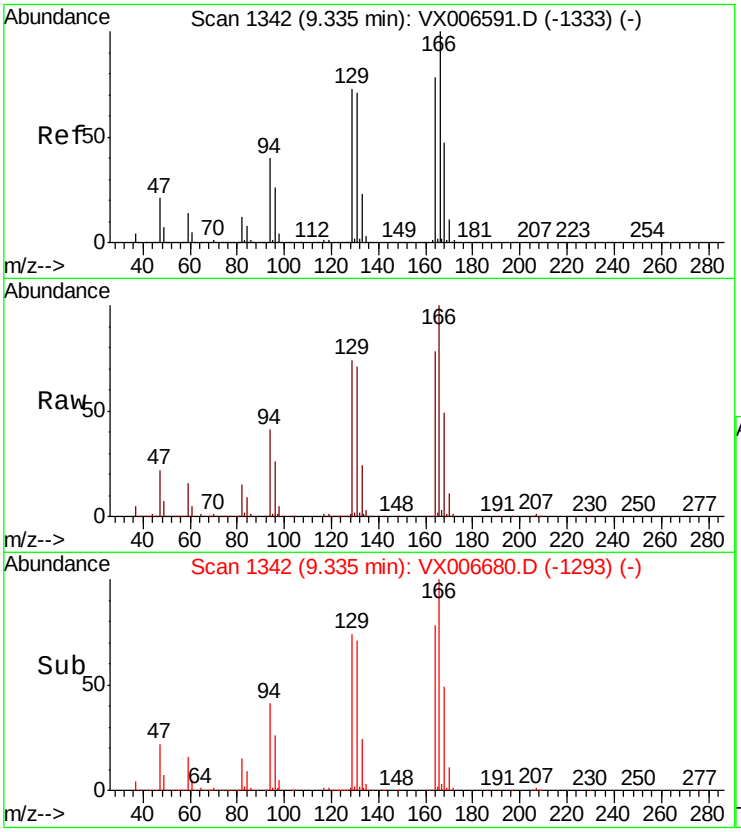


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion:117 Resp: 908521

Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.0	61.6
119	32.6	25.4	38.0



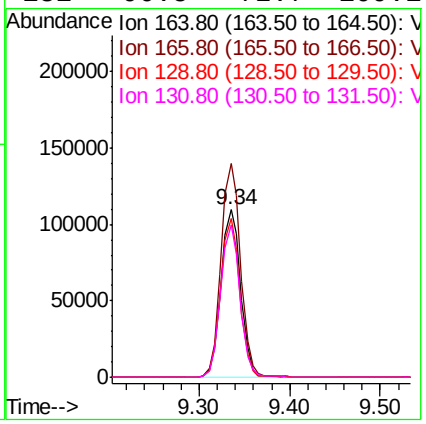


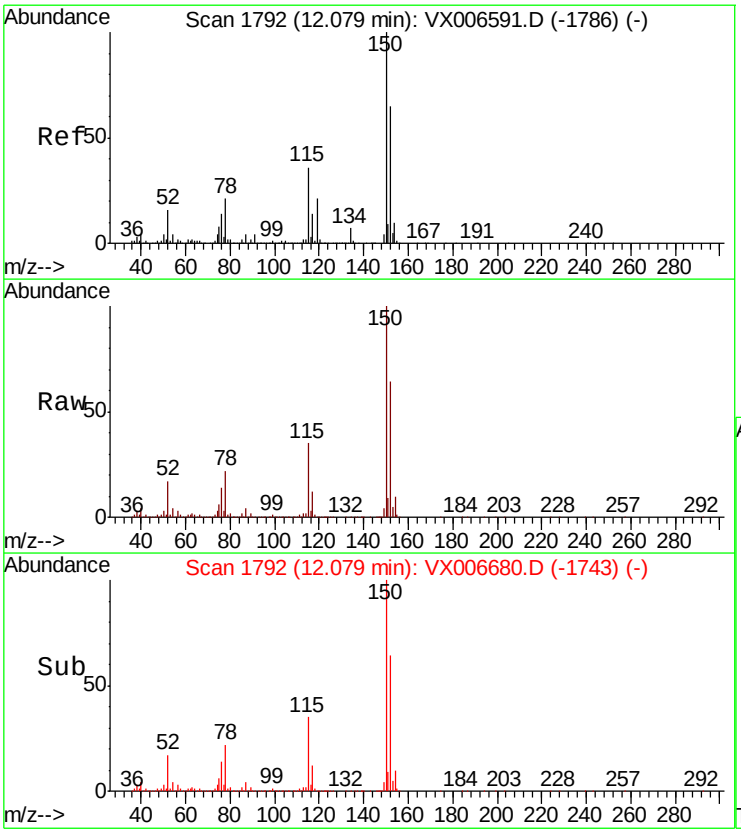
#64
Tetrachloroethene
Concen: 22.959 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion:164 Resp: 165169

Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.5	153.7
129	94.6	75.1	112.7
131	90.5	72.7	109.1

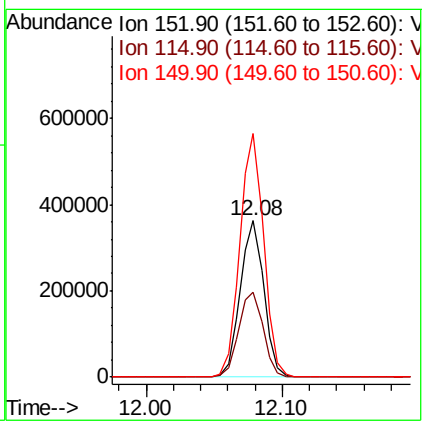


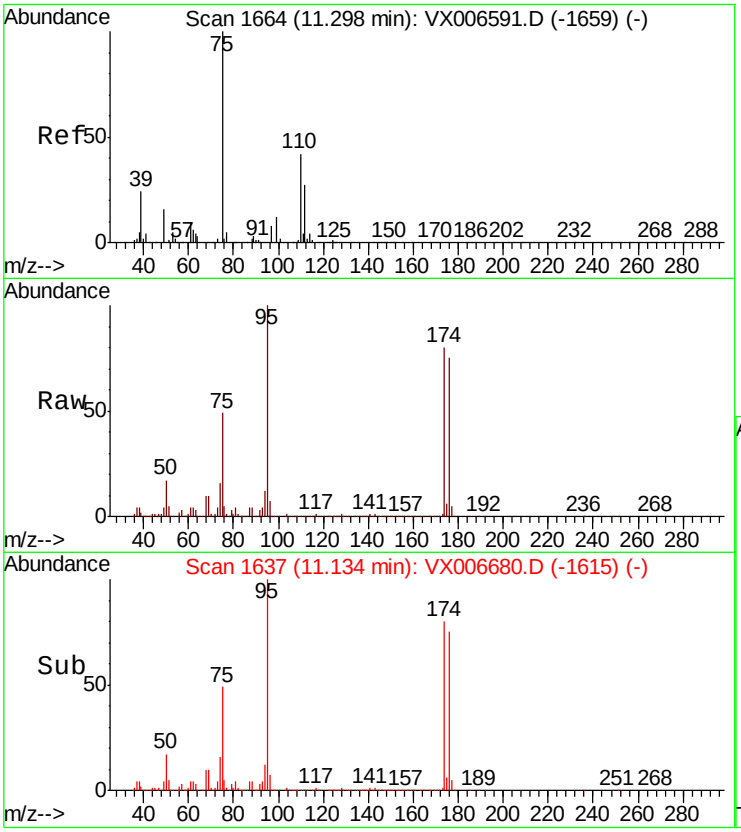


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion:152 Resp: 438630

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.1	117.2
150	156.9	0.0	344.8



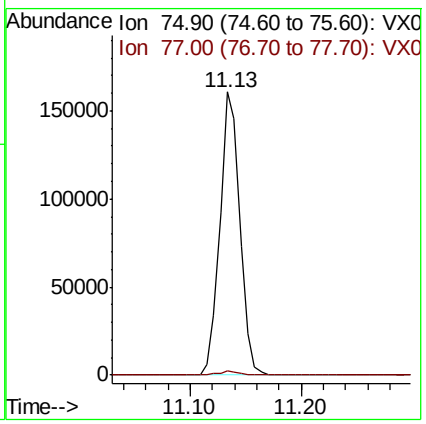


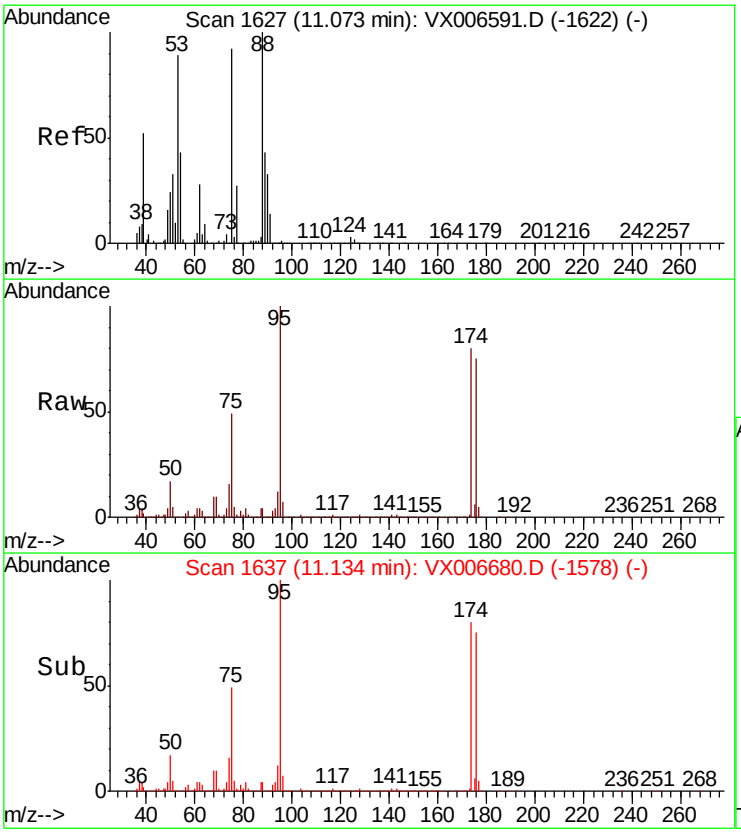
#76
1,2,3-Trichloropropane
Concen: 24.556 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion: 75 Resp: 200170

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#

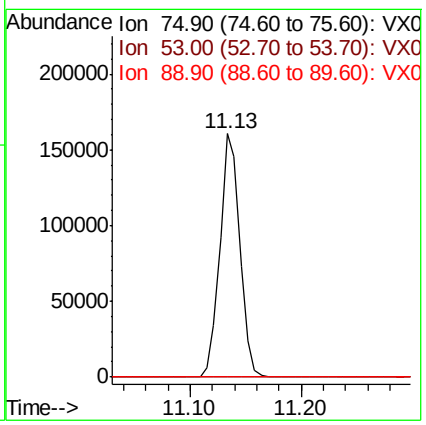


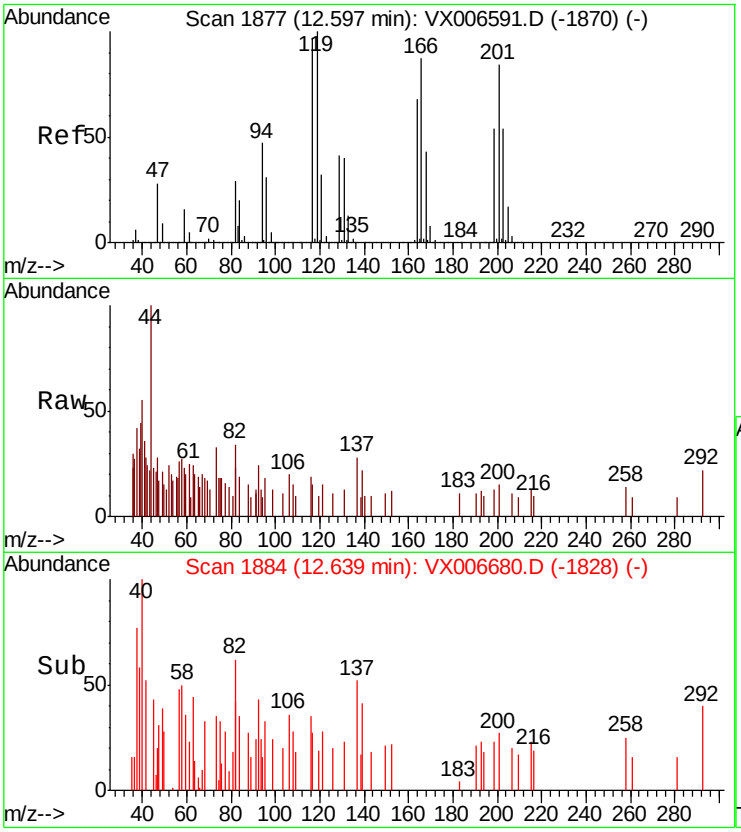


#81
trans-1,4-Dichloro-2-butene
Concen: 72.637 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 75 Resp: 200170

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.7	119.5#
89	0.1	38.0	57.0#





#90
Hexachloroethane
Concen: 3.305 ug/l
RT: 12.64 min Scan# 1884
Delta R.T. 0.04 min
Lab File: VX006680.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_X
ClientSampleId :
975-MW-19(28)

Tgt Ion:117 Resp: 52

Ion	Ratio	Lower	Upper
117	100		
201	59.6	42.9	128.7