Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006671.D
Acq On : 20 Dec 2018 13:07
Operator : JC/MD
Sample : J6484-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 964-MW-02(23.8)

Quant Time: Dec 21 03:30:02 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	5.66	168	655690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1028967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	946011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	451641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	351515	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%			
35) Dibromofluoromethane	5.50	113	306423	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.18%			
50) Toluene-d8	8.71	98	1223327	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
62) 4-Bromofluorobenzene	11.13	95	439927	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.94%			
Target Compounds						Qvalue
3) Chloromethane	1.28	50	1981	0.307	ug/l #	53
4) Vinyl Chloride	1.41	62	8952	1.326	ug/l	97
5) Bromomethane	1.62	94	266	Below Cal	#	7
6) Chloroethane	1.76	64	2416	0.517	ug/l #	42
11) Tert butyl alcohol	3.06	59	1462	0.927	ug/l #	70
12) 1,1-Dichloroethene	2.37	96	1549	0.264	ug/l #	72
13) Acrolein	2.29	56	441	0.415	ug/l #	13
16) Acetone	2.45	43	12729	3.921	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	6972	1.074	ug/l	92
25) 2-Butanone	4.70	43	3062	0.670	ug/l #	78
27) cis-1,2-Dichloroethene	4.60	96	161566	22.560	ug/l	92
28) Bromochloromethane	5.04	49	155	Below Cal	#	3
29) Tetrahydrofuran	5.16	42	2516	0.836	ug/l #	52
36) 1,1-Dichloropropene	5.67	75	42792	5.021	ug/l #	48
38) Carbon Tetrachloride	5.66	117	61413	7.415	ug/l #	15
44) Trichloroethene	7.21	130	194707	24.833	ug/l	99
49) 1,4-Dioxane	7.73	88	78	Below Cal	#	1
60) Dibromochloromethane	9.33	129	191480	27.808	ug/l #	10
64) Tetrachloroethene	9.33	164	207267	27.669	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	205121	24.438	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	205121	72.310	ug/l #	10
90) Hexachloroethane	12.51	117	40	3.302	ug/l	93
95) Naphthalene	13.83	128	22873	0.690	ug/l	97

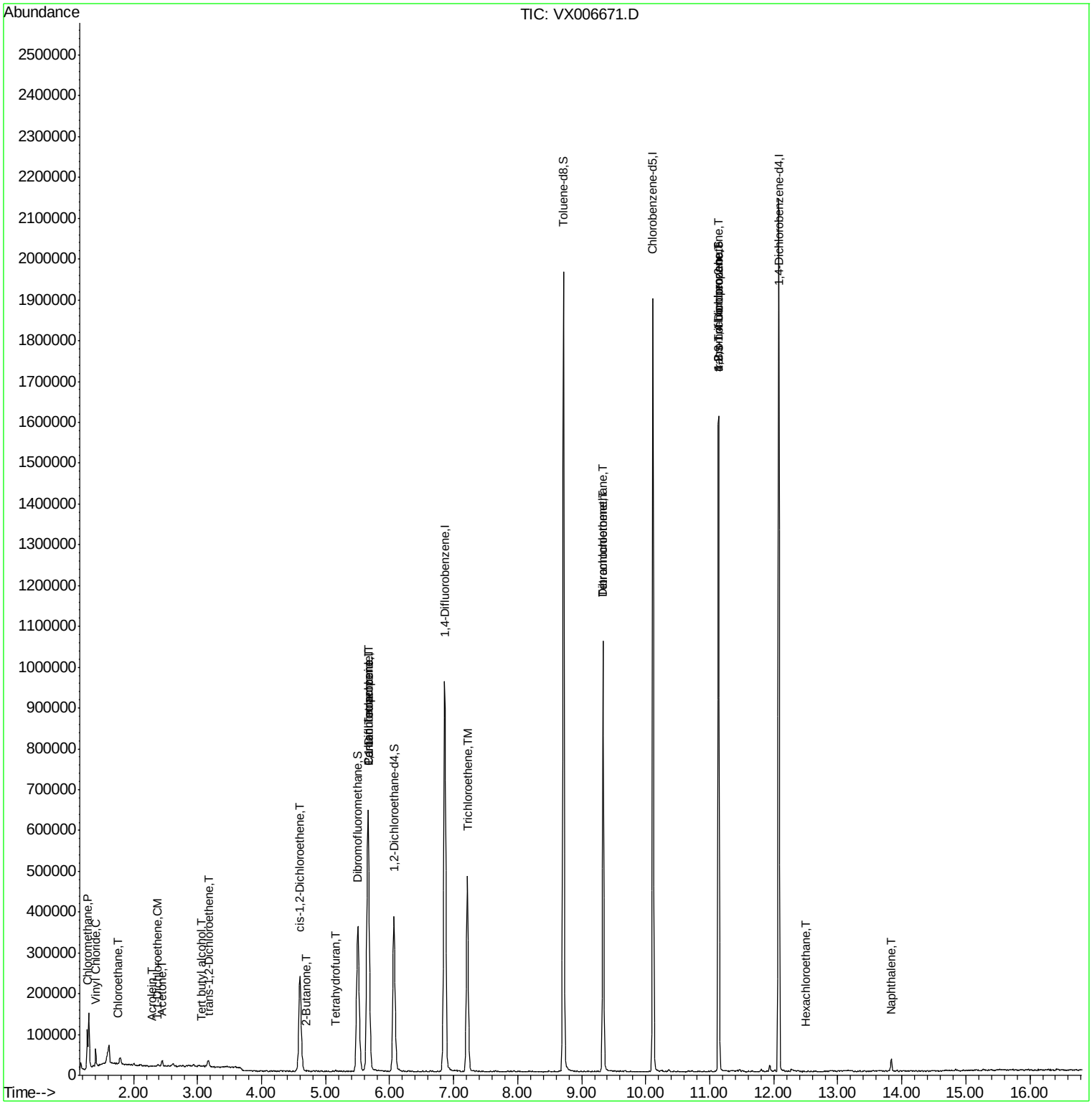
(#) = qualifier out of range (m) = manual integration (+) = signals summed

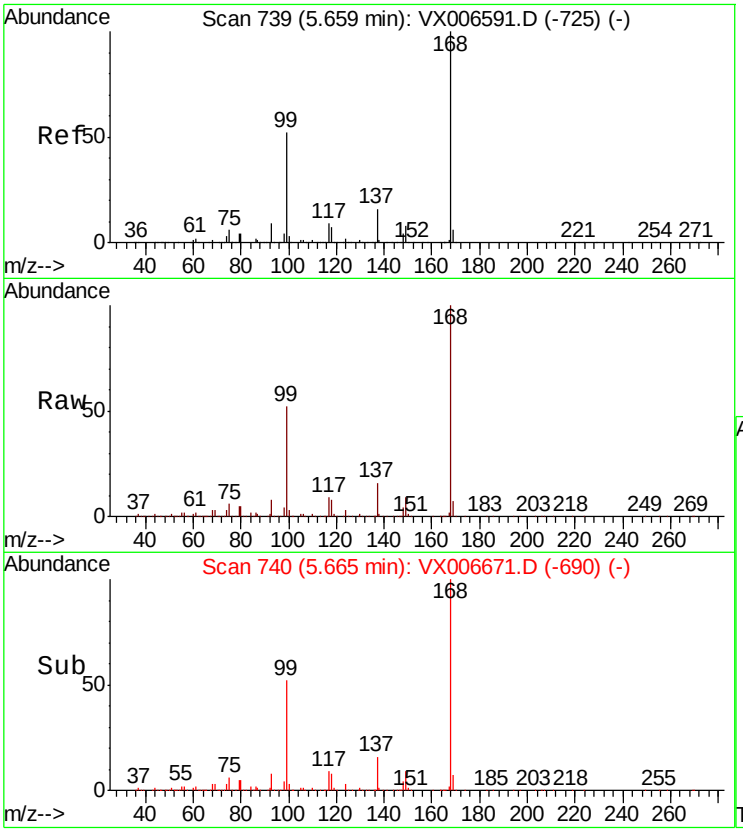
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122018\
Data File : VX006671.D
Acq On : 20 Dec 2018 13:07
Operator : JC/MD
Sample : J6484-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Quant Time: Dec 21 03:30:02 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



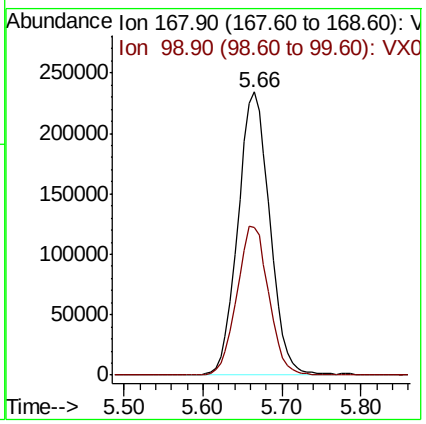


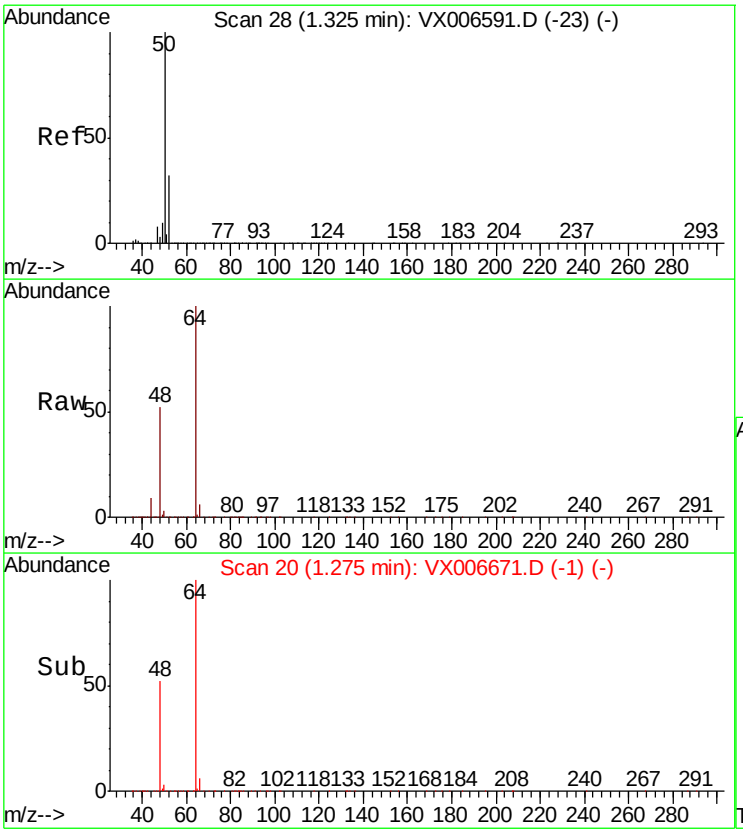
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:168 Resp: 655690

Ion	Ratio	Lower	Upper
168	100		
99	52.1	41.8	62.8

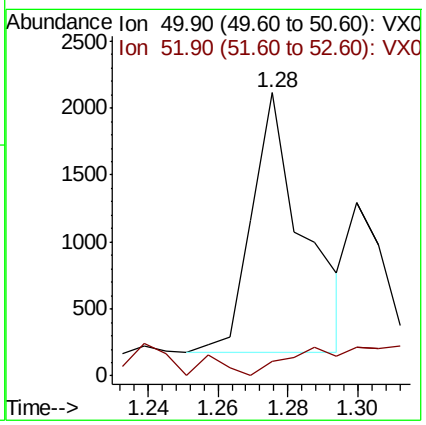


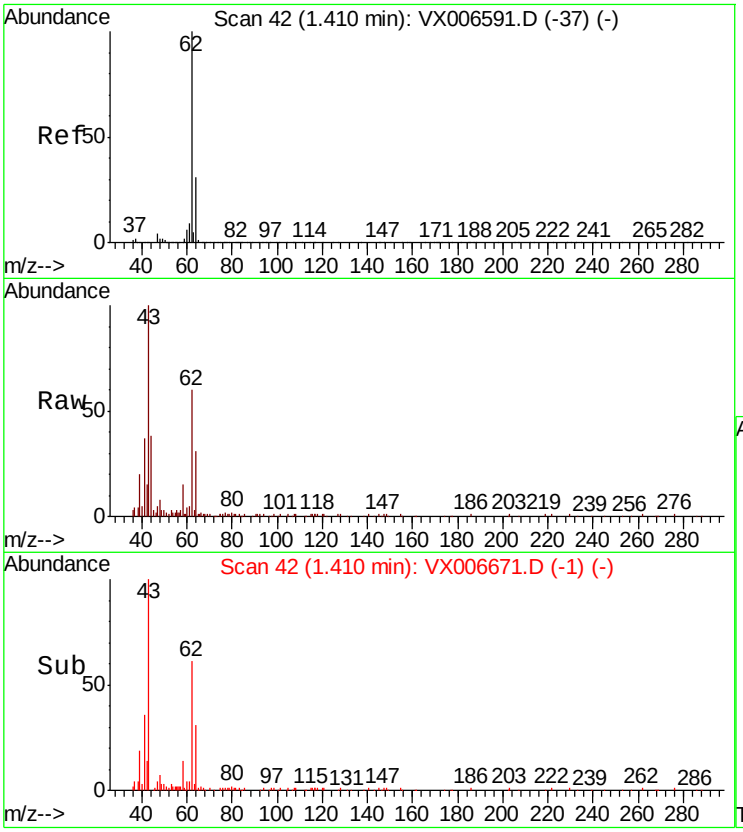


#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.28 min Scan# 20
Delta R.T. -0.05 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 50 Resp: 1981

Ion	Ratio	Lower	Upper
50	100		
52	5.6	25.4	38.2#



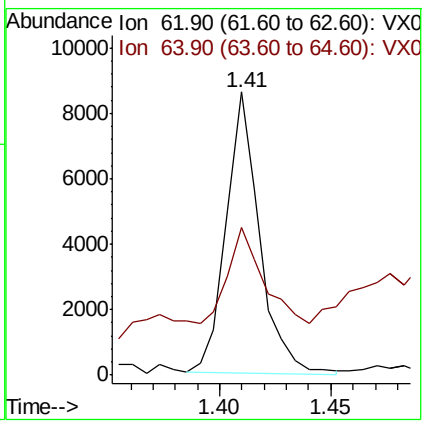


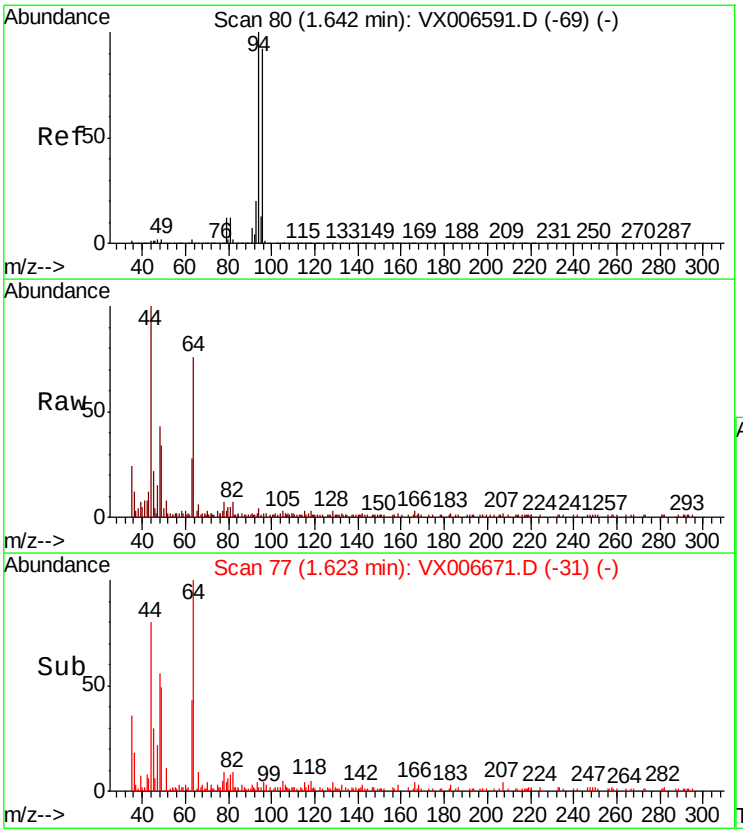
#4
Vinyl Chloride
Concen: 1.326 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 62 Resp: 8952

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.1	37.7

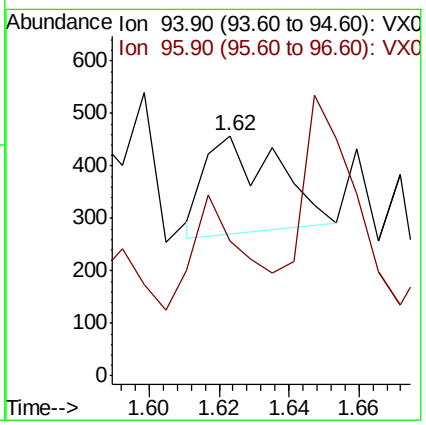


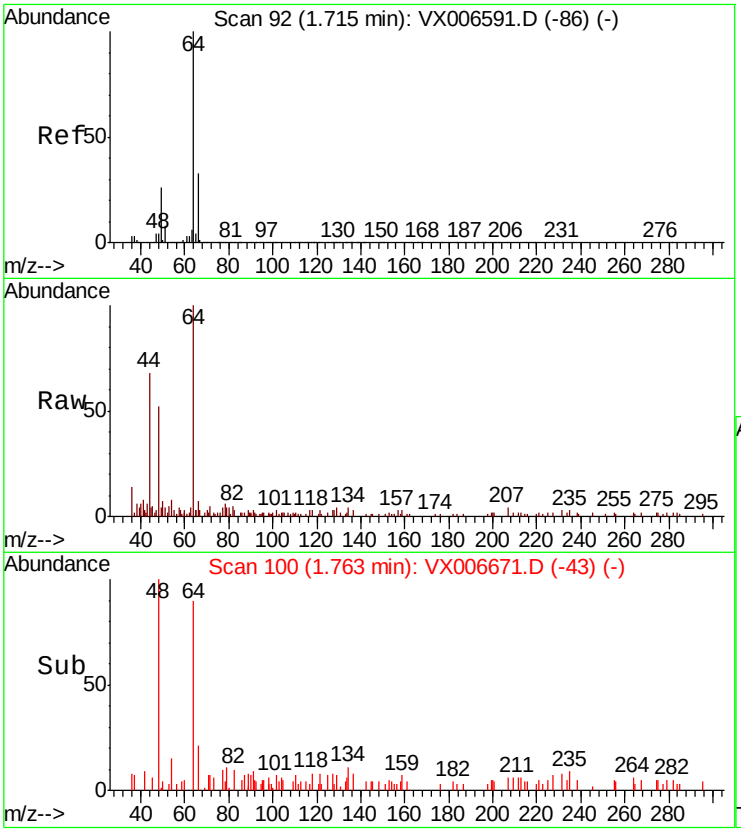


#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 77
Delta R.T. -0.02 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 94 Resp: 266

Ion	Ratio	Lower	Upper
94	100		
96	3.6	73.4	110.2#



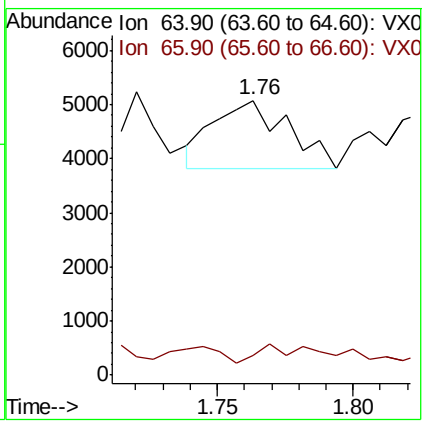


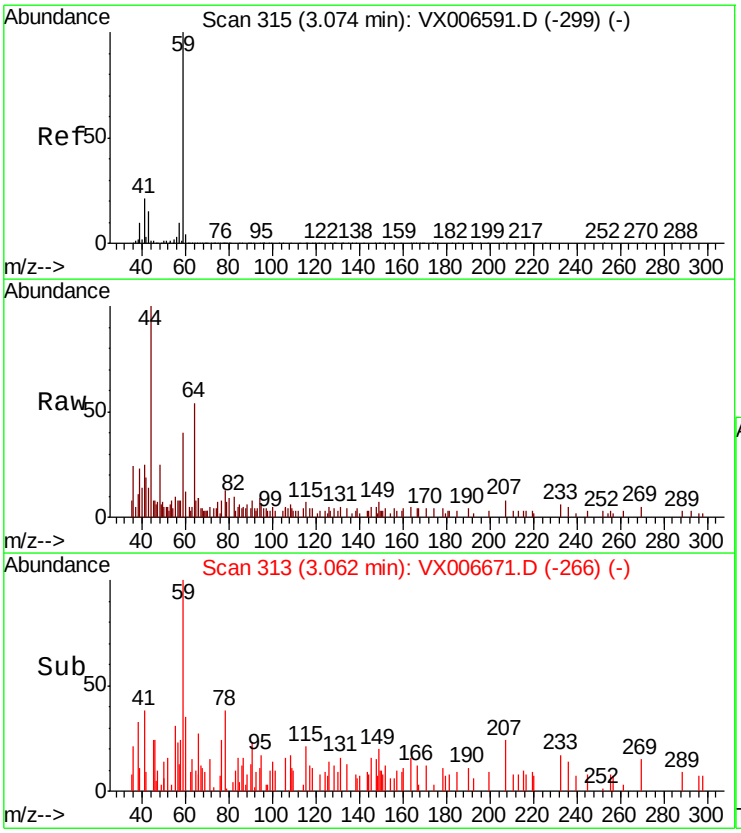
#6
Chloroethane
Concen: 0.517 ug/l
RT: 1.76 min Scan# 100
Delta R.T. 0.05 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 64 Resp: 2416

Ion	Ratio	Lower	Upper
64	100		
66	0.1	26.4	39.6#

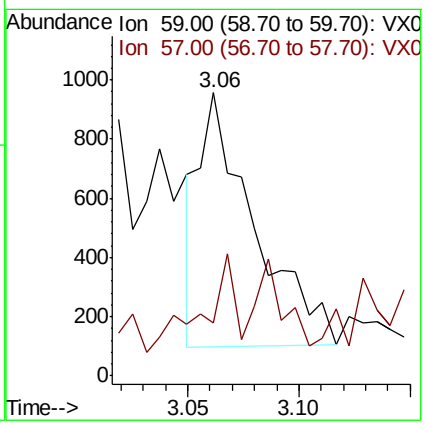


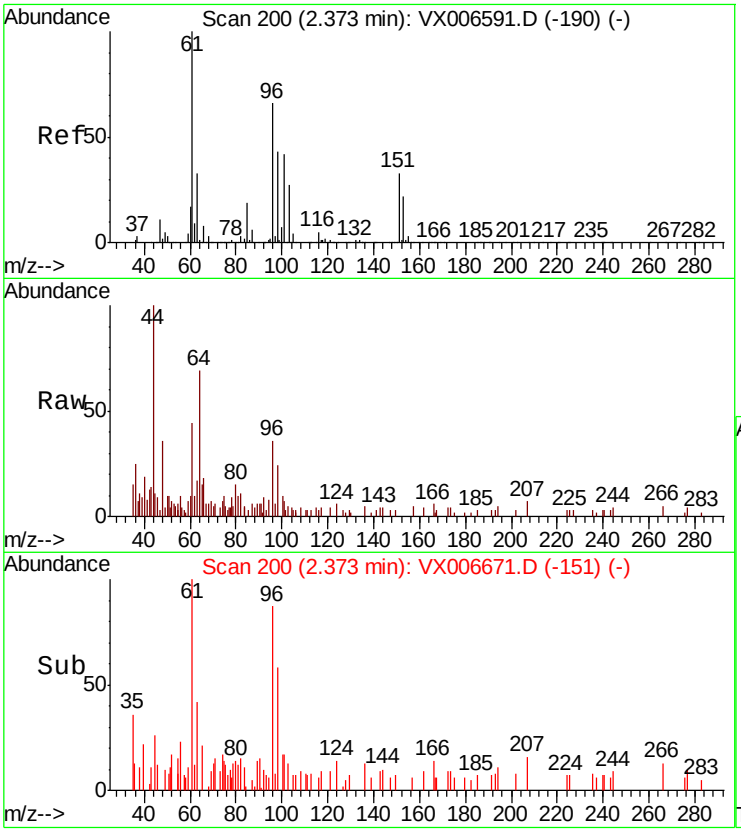


#11
Tert butyl alcohol
Concen: 0.927 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 59 Resp: 1462

Ion	Ratio	Lower	Upper
59	100		
57	21.9	8.5	12.7#



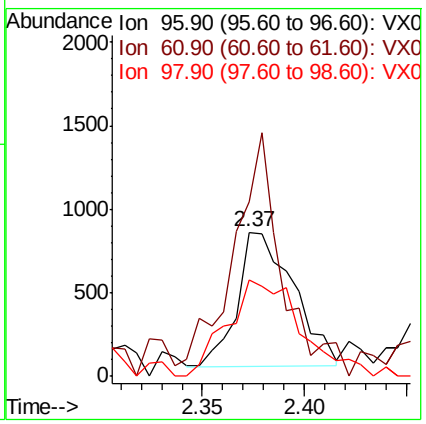


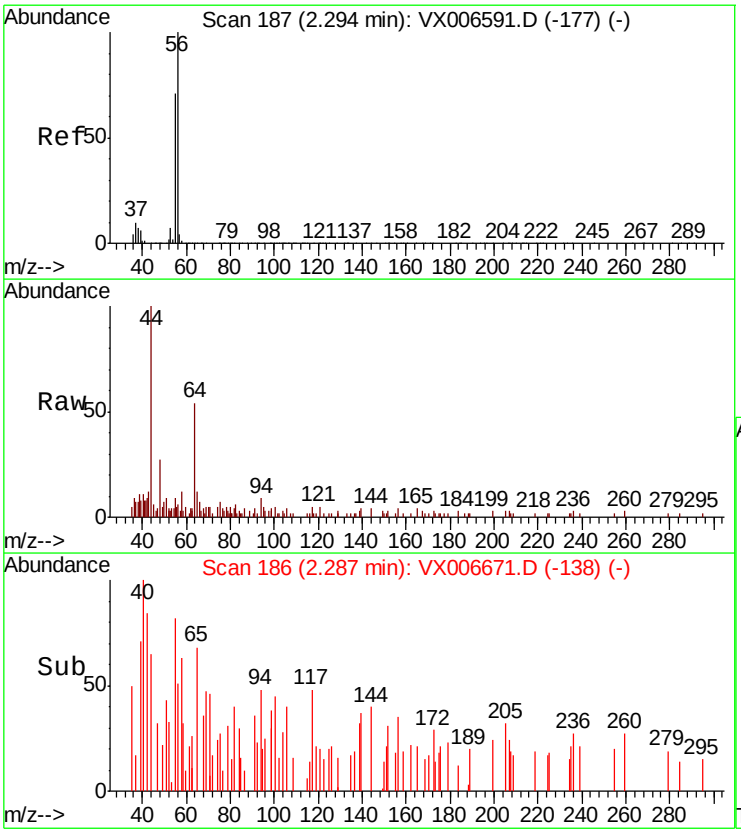
#12
1,1-Dichloroethene
Concen: 0.264 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 96 Resp: 1549

Ion	Ratio	Lower	Upper
96	100		
61	105.5	121.4	182.2#
98	71.5	51.9	77.9

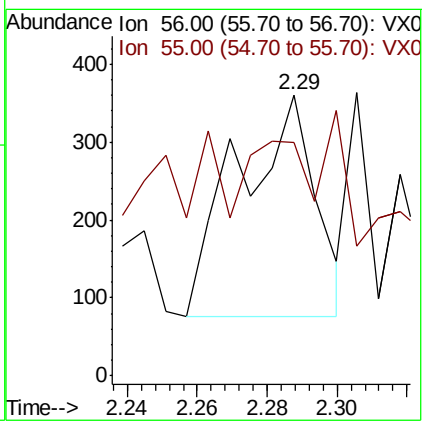


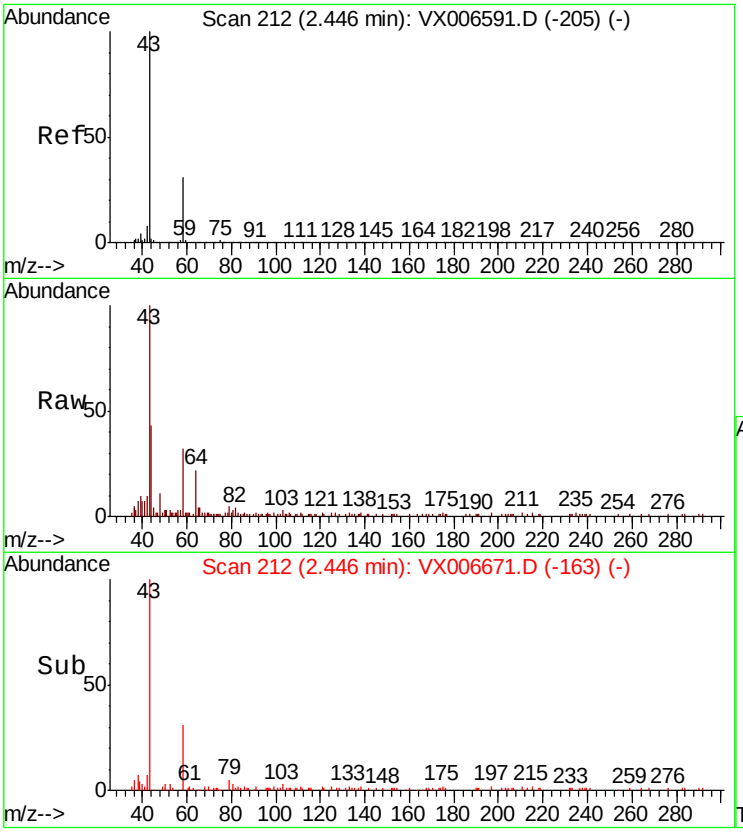


#13
Acrolein
Concen: 0.415 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 56 Resp: 441

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#



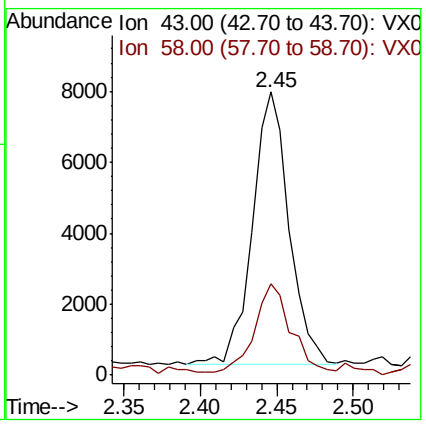


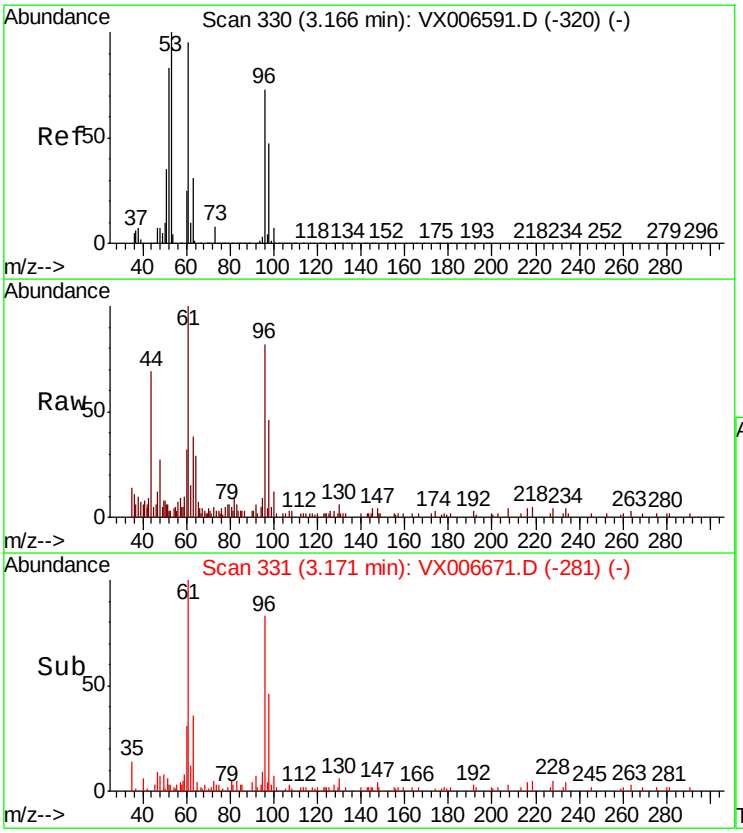
#16
Acetone
Concen: 3.921 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 43 Resp: 12729

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.0	37.6

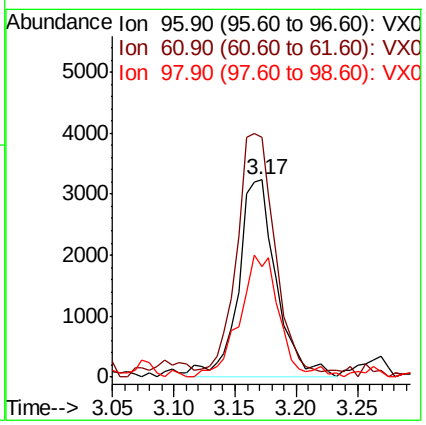


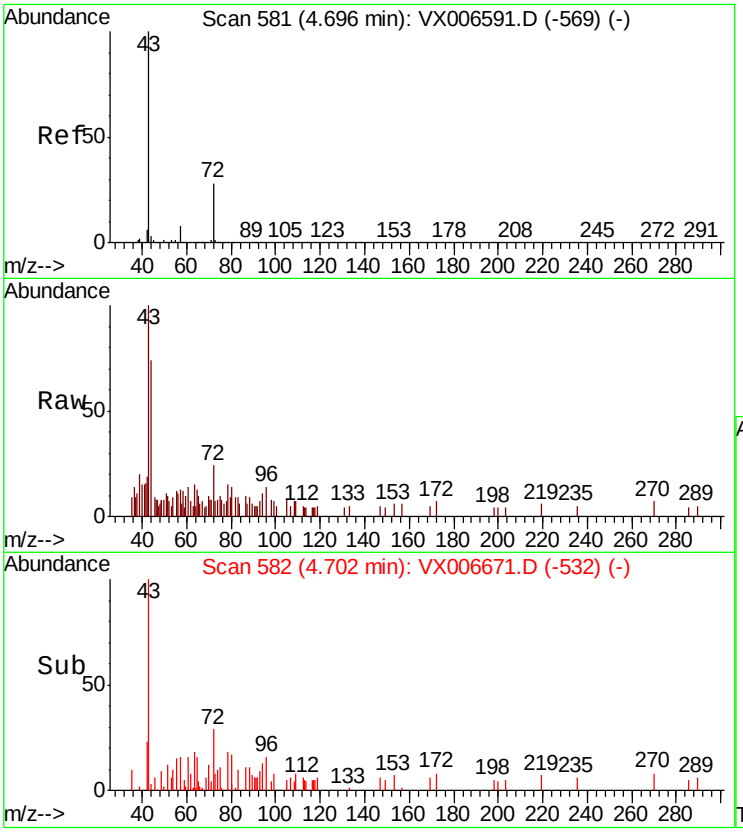


#21
trans-1,2-Dichloroethene
Concen: 1.074 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 96 Resp: 6972

Ion	Ratio	Lower	Upper
96	100		
61	120.4	103.7	155.5
98	57.2	51.0	76.6



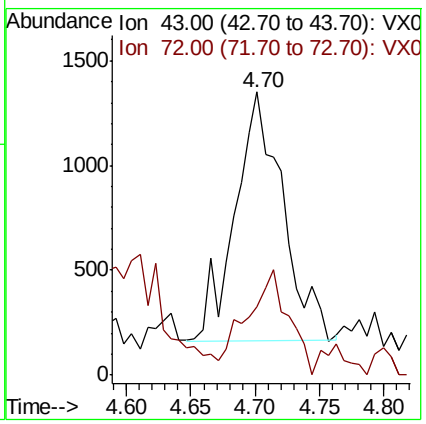


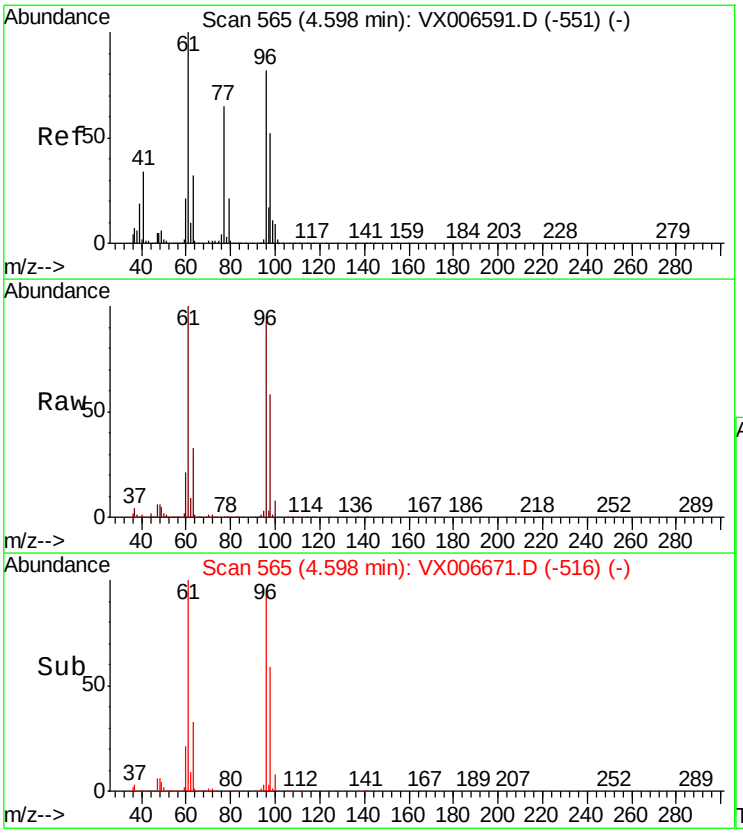
#25
2-Butanone
Concen: 0.670 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 43 Resp: 3062

Ion	Ratio	Lower	Upper
43	100		
72	16.6	22.4	33.6#

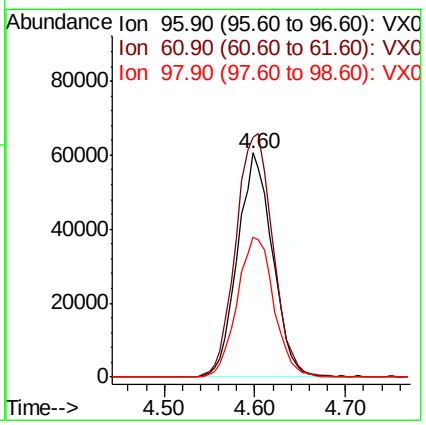


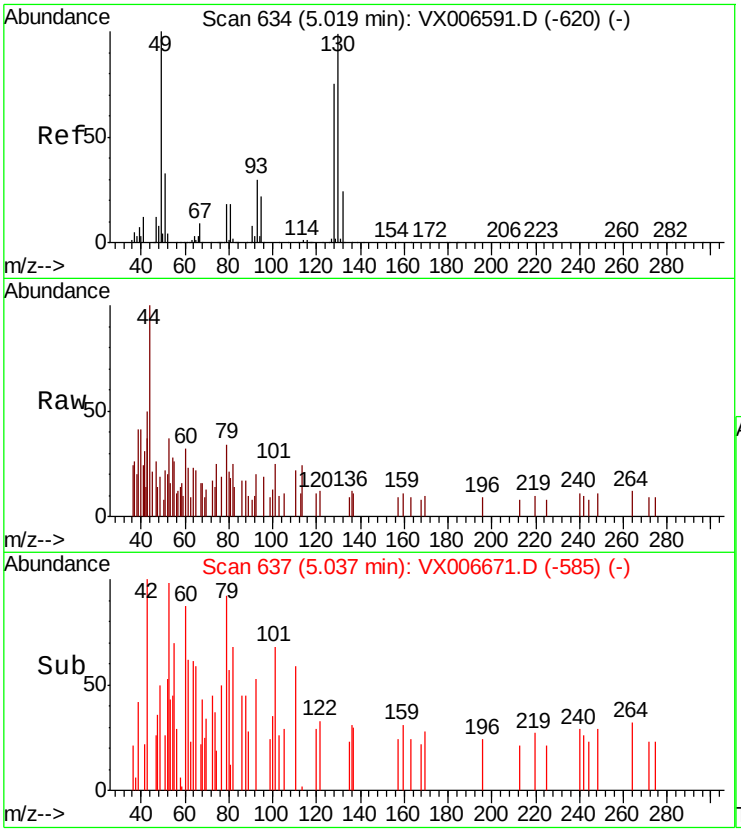


#27
cis-1,2-Dichloroethene
Concen: 22.560 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 96 Resp: 161566

Ion	Ratio	Lower	Upper
96	100		
61	115.7	0.0	258.6
98	65.4	0.0	132.0



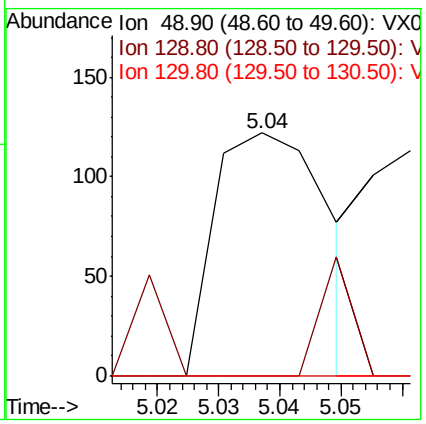


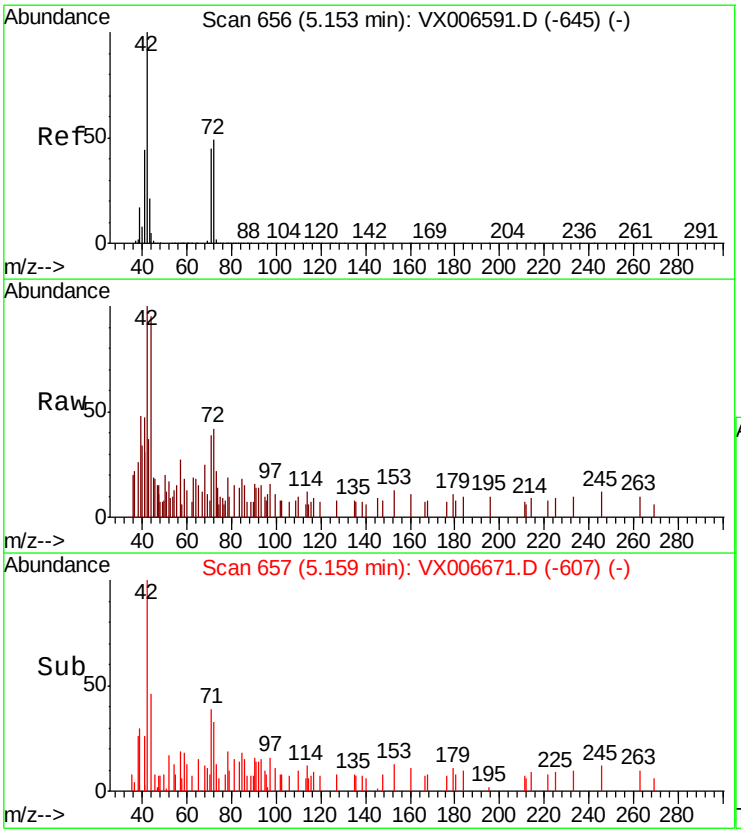
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 637
Delta R.T. 0.02 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument : MSVOA_X
ClientSampleId : 964-MW-02(23.8)

Tgt Ion: 49 Resp: 155

Ion	Ratio	Lower	Upper
49	100		
129	14.2	0.0	5.4#
130	0.0	77.7	116.5#

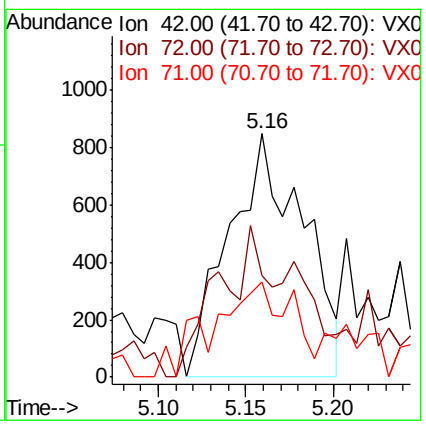


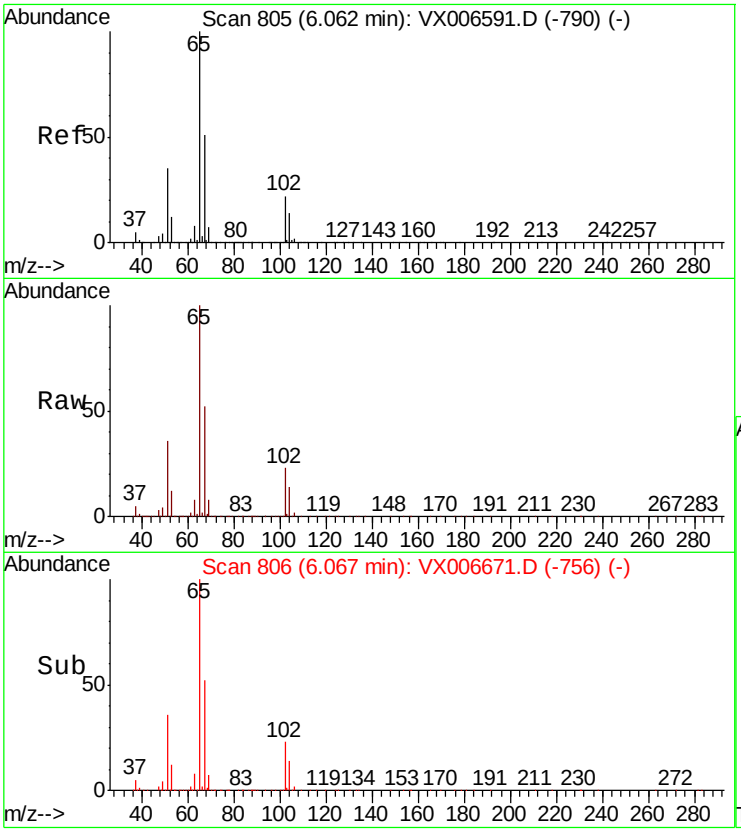


#29
Tetrahydrofuran
Concen: 0.836 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 42 Resp: 2516

Ion	Ratio	Lower	Upper
42	100		
72	5.7	38.9	58.3#
71	24.0	36.2	54.4#



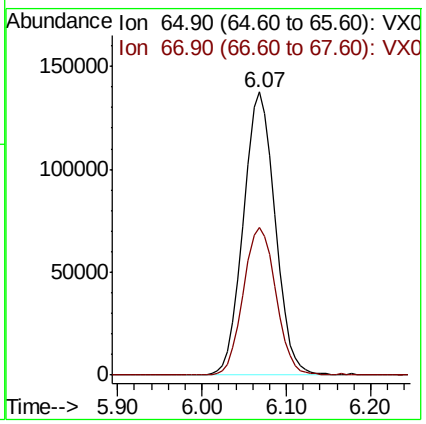


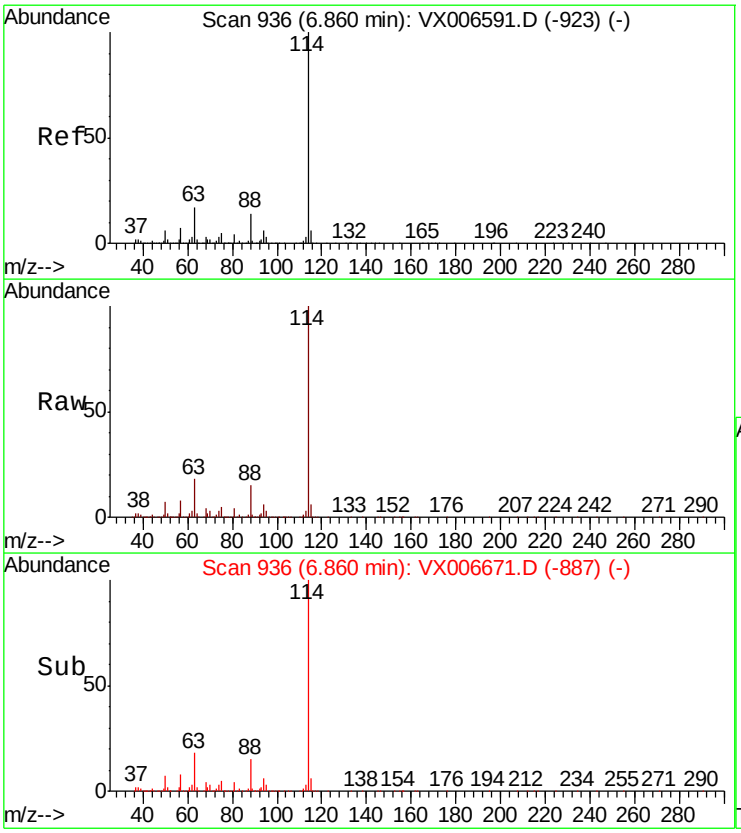
#33
1,2-Dichloroethane-d4
Concen: 49.742 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 65 Resp: 351515

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.0

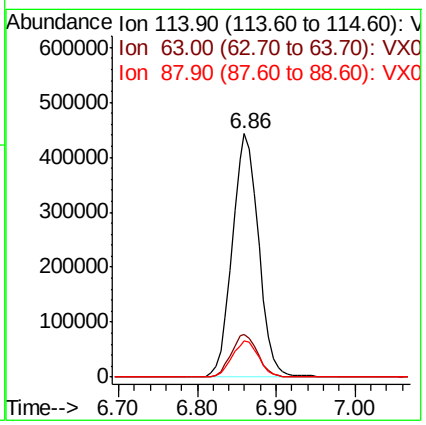


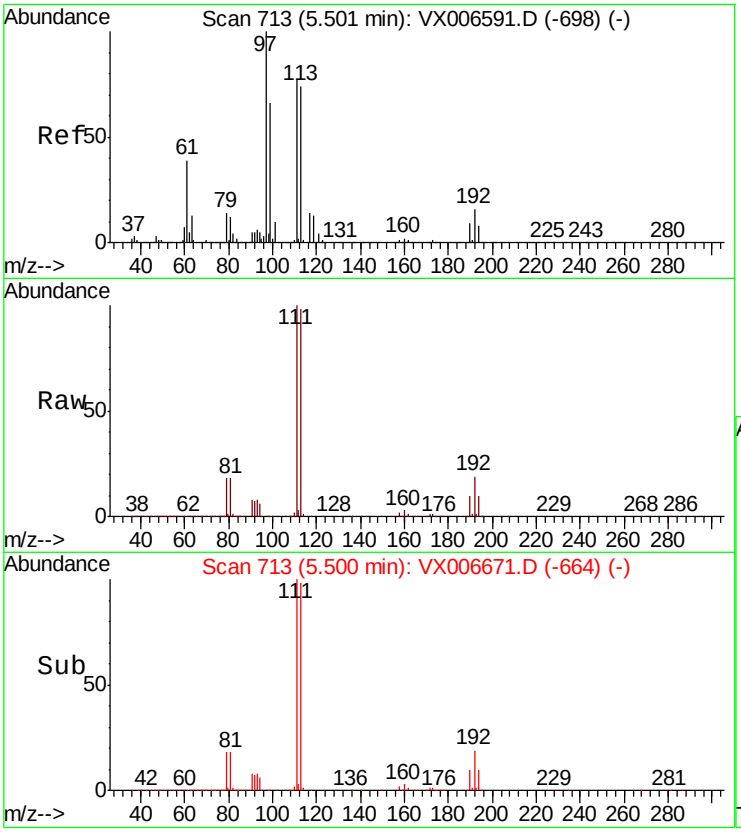


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion:114 Resp: 1028967

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.8
88	14.9	0.0	28.8



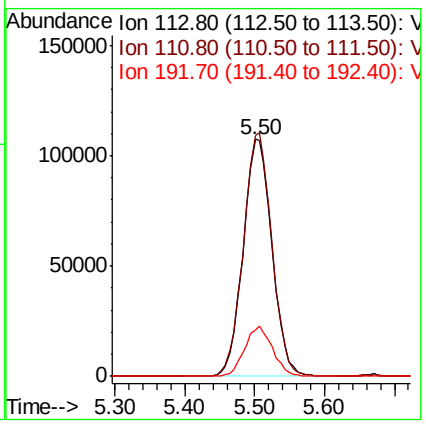


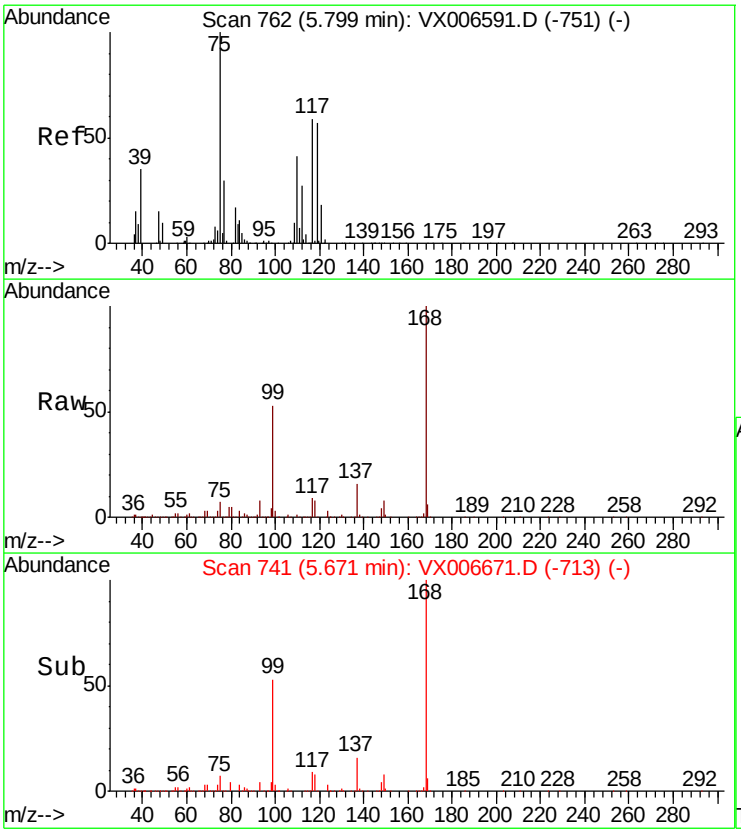
#35
Dibromofluoromethane
Concen: 47.091 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:113 Resp: 306423

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.6	122.4
192	20.6	16.7	25.1

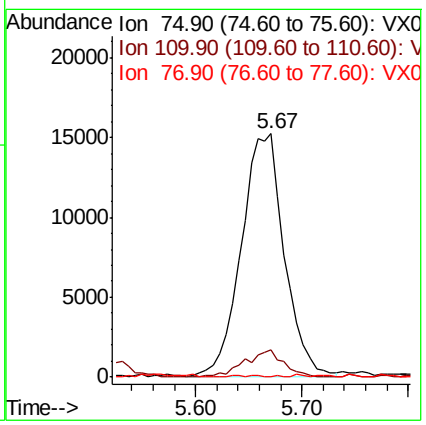


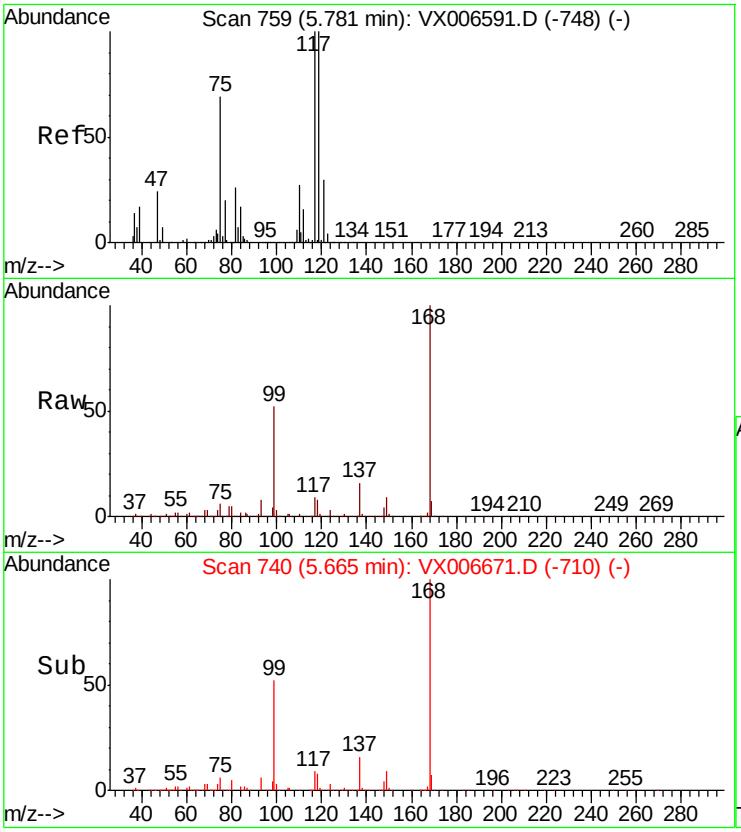


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 75 Resp: 42792

Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.2	60.5#
77	0.1	24.8	37.2#



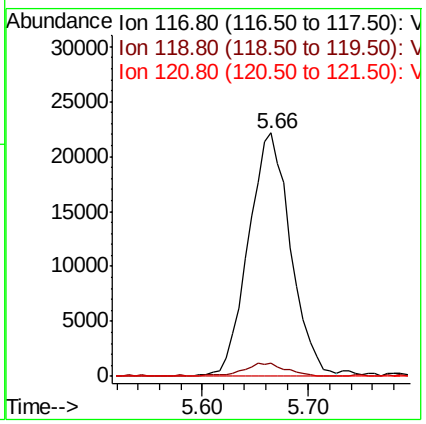


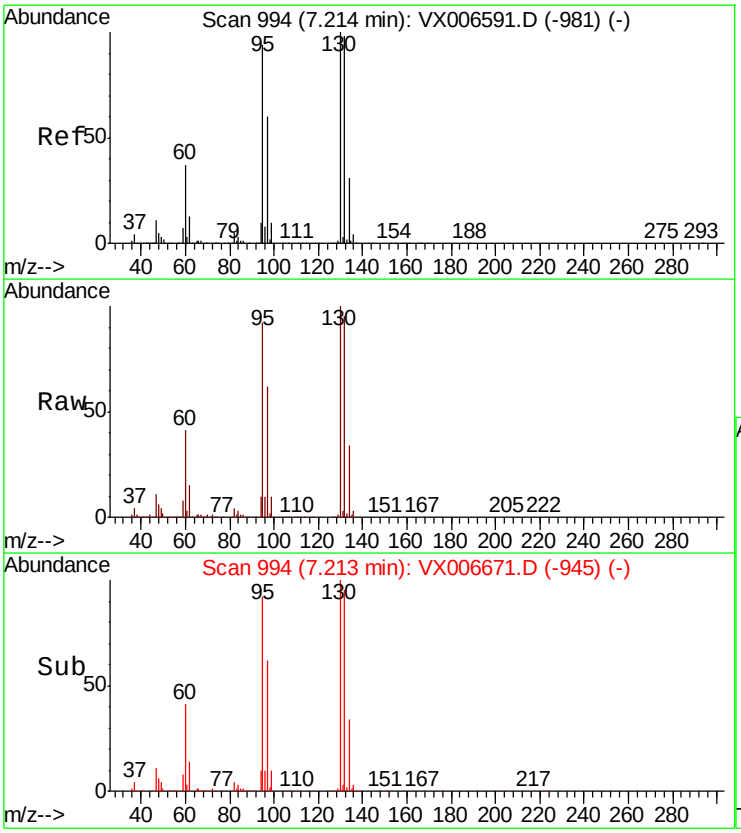
#38
Carbon Tetrachloride
Concen: 7.415 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:117 Resp: 61413

Ion	Ratio	Lower	Upper
117	100		
119	5.5	79.4	119.2#
121	0.0	24.0	36.0#

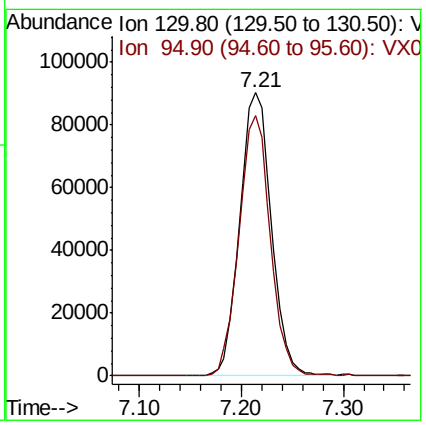


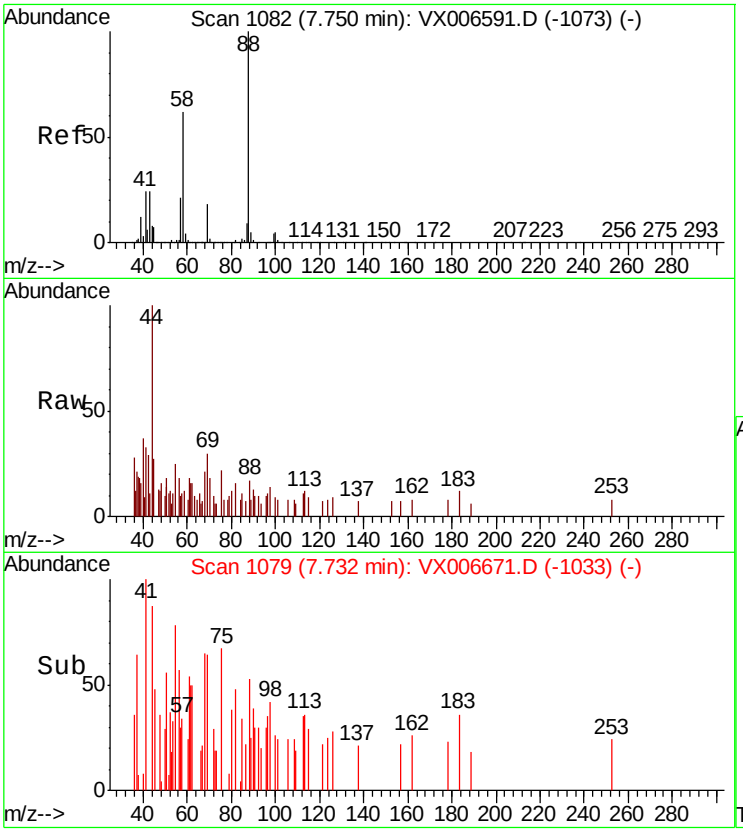


#44
Trichloroethene
Concen: 24.833 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion:130 Resp: 194707

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	187.0



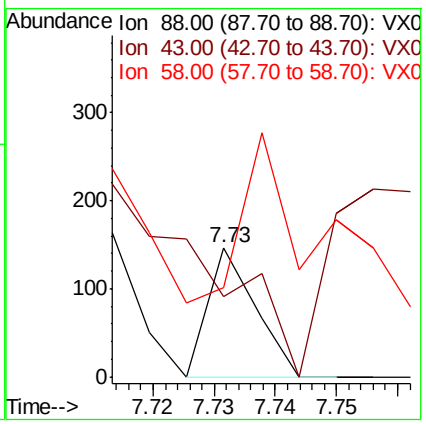


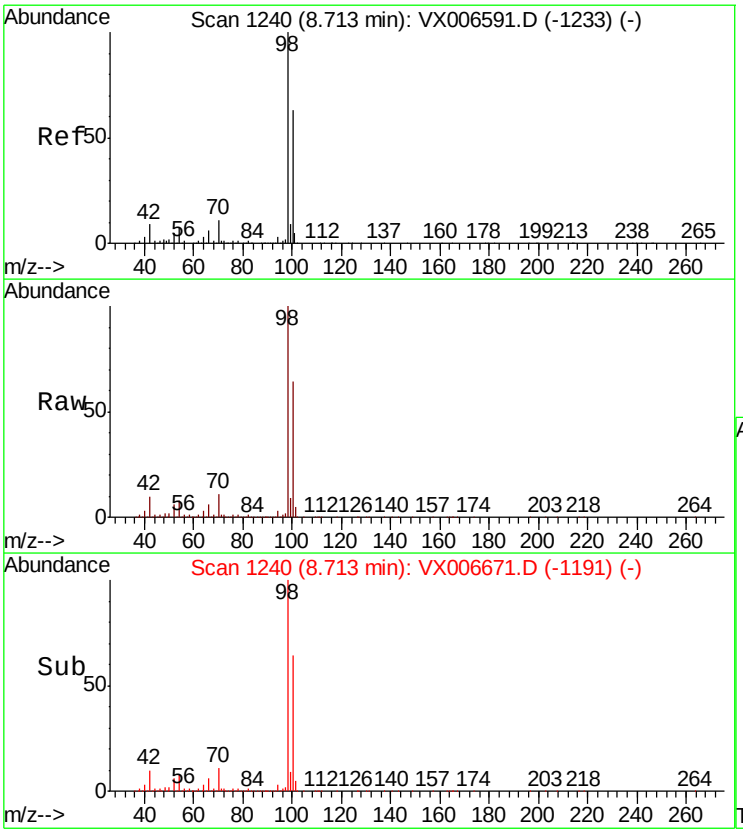
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.73 min Scan# 1079
Delta R.T. -0.02 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument : MSVOA_X
ClientSampleId : 964-MW-02(23.8)

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	461.5	51.0	76.4#

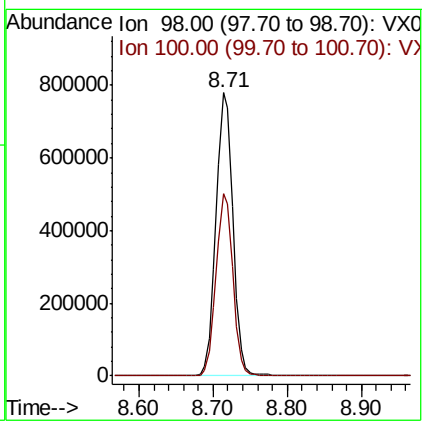


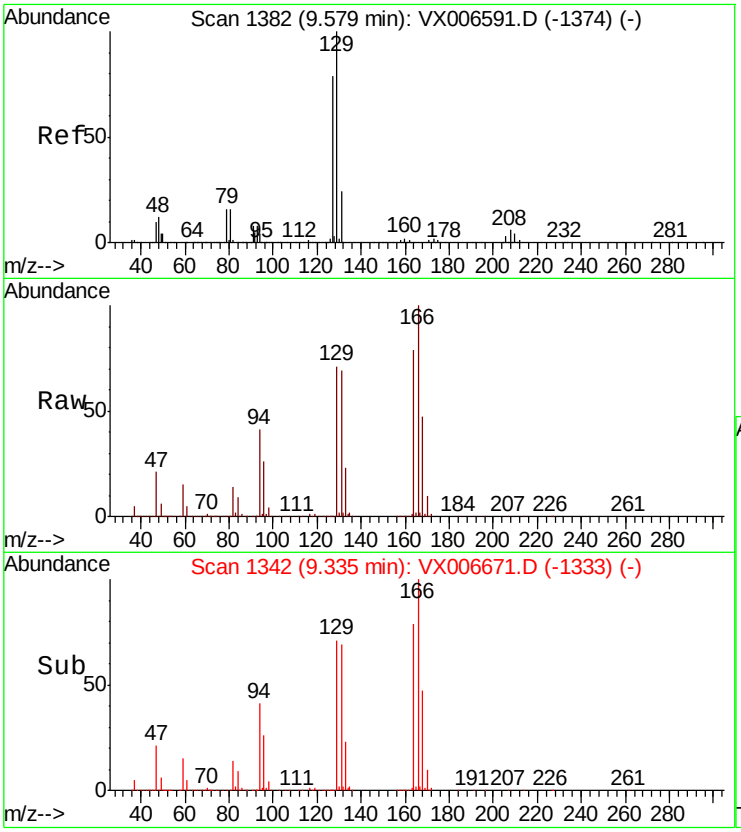


#50
Toluene-d8
Concen: 49.867 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 98 Resp: 1223327

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0



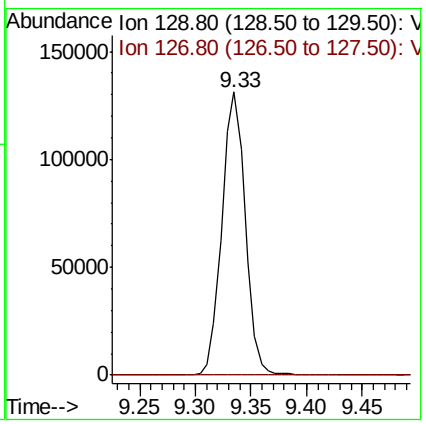


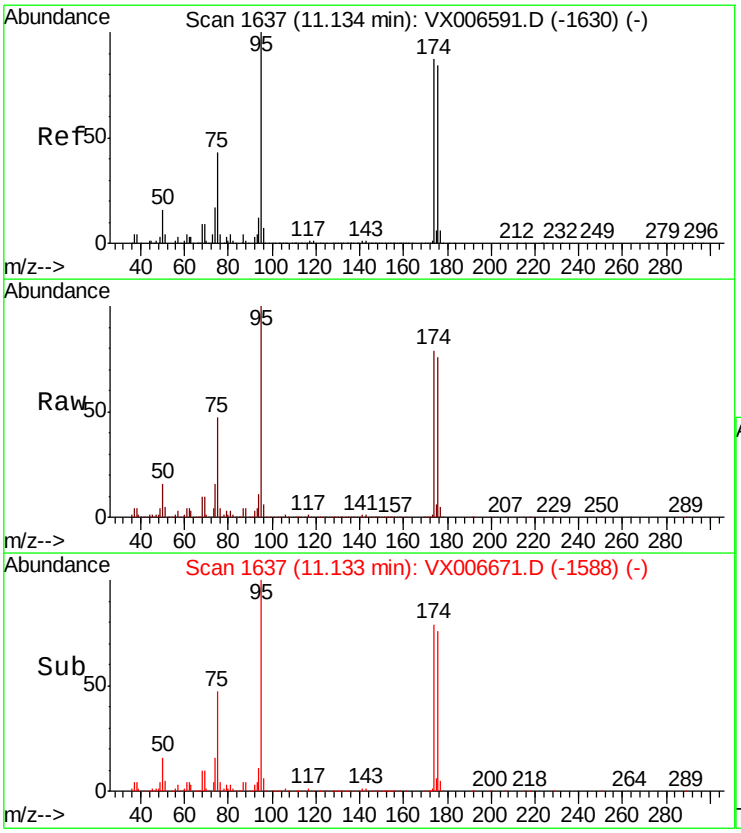
#60
Dibromochloromethane
Concen: 27.808 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:129 Resp: 191480

Ion	Ratio	Lower	Upper
129	100		
127	0.2	39.3	117.8#

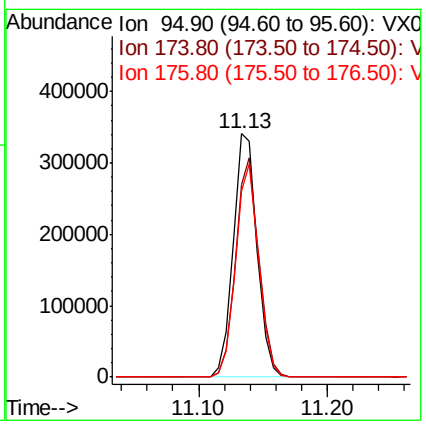


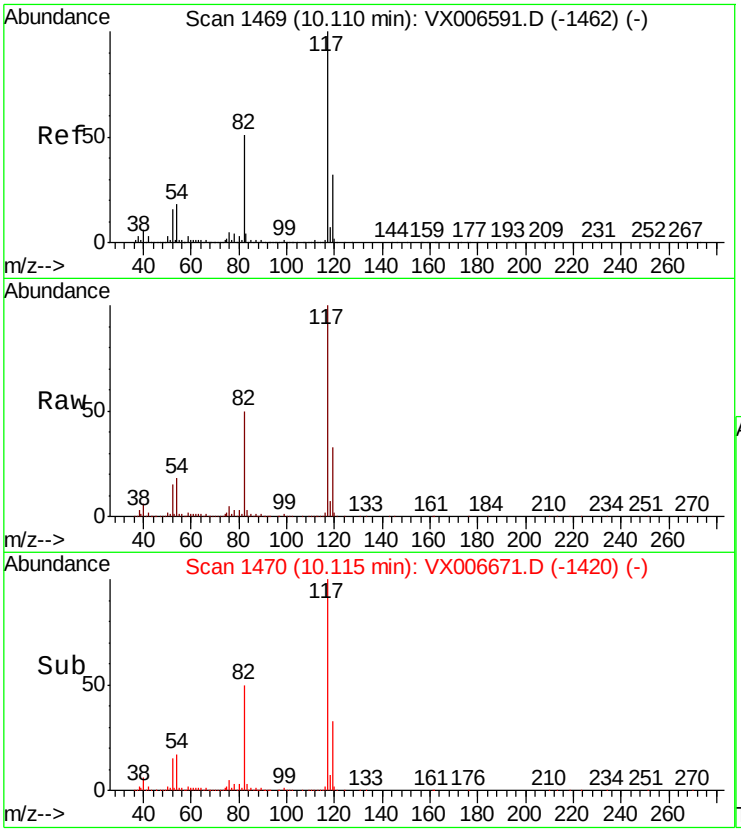


#62
4-Bromofluorobenzene
Concen: 48.965 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 95 Resp: 439927

Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	182.2
176	84.7	0.0	178.8



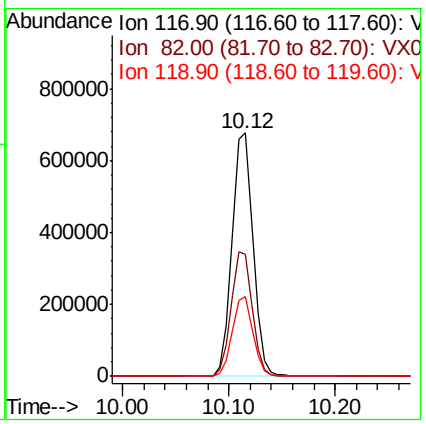


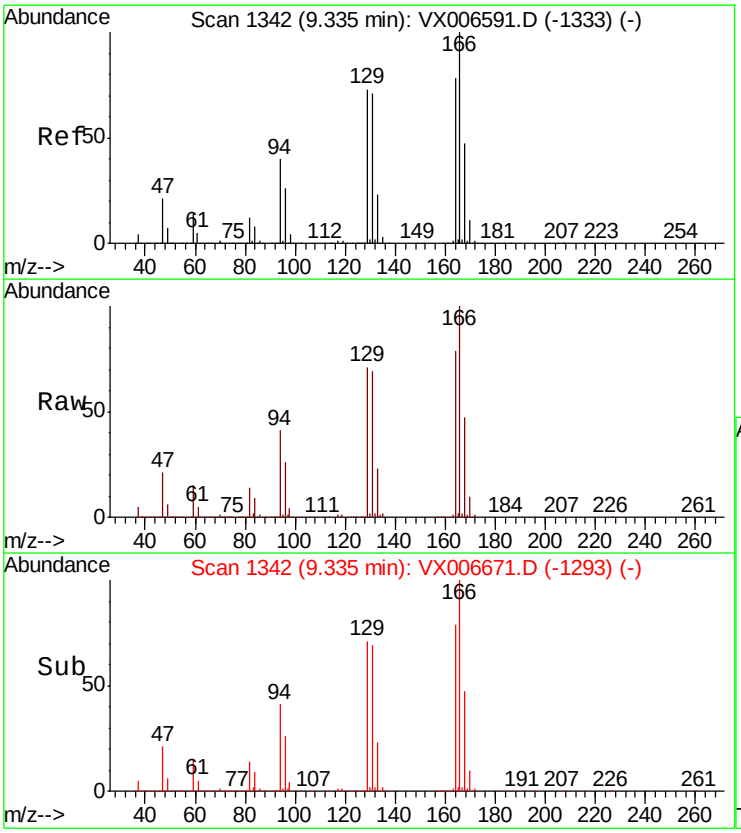
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument : MSVOA_X
ClientSampleId : 964-MW-02(23.8)

Tgt Ion:117 Resp: 946011

Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.6
119	32.7	25.4	38.0

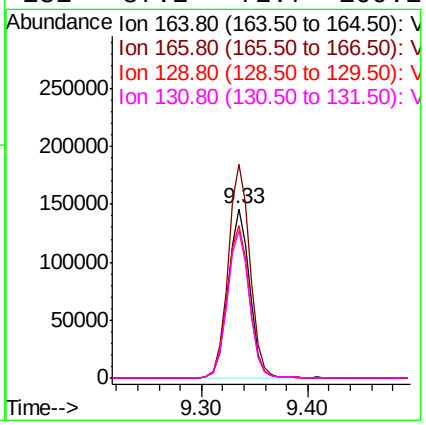


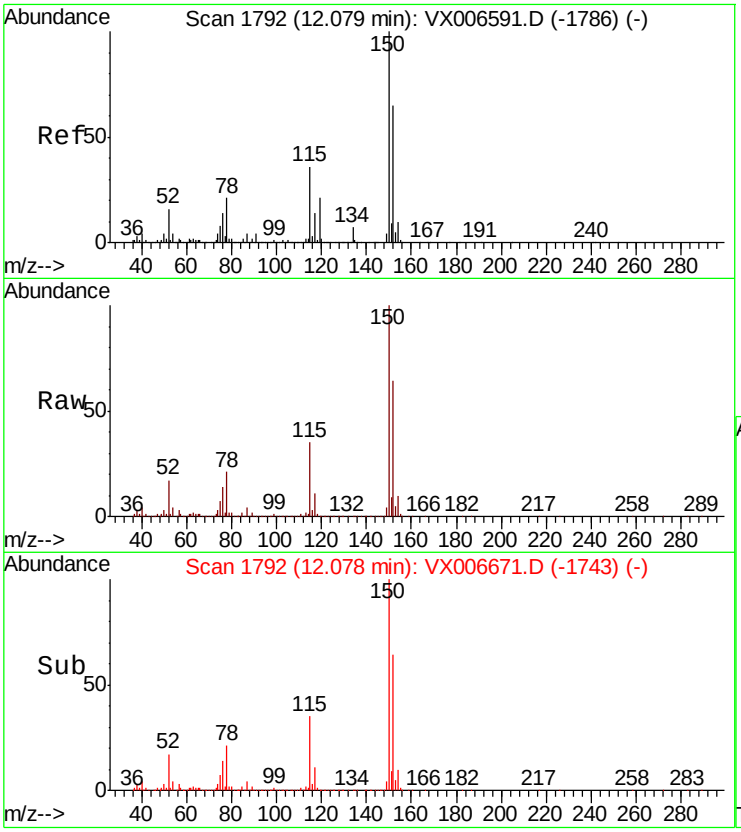


#64
Tetrachloroethene
Concen: 27.669 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion:164 Resp: 207267

Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.5	153.7
129	89.8	75.1	112.7
131	87.2	72.7	109.1



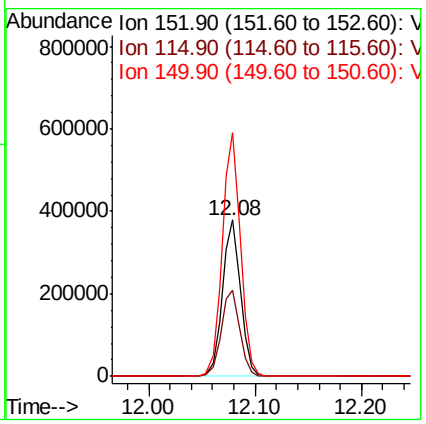


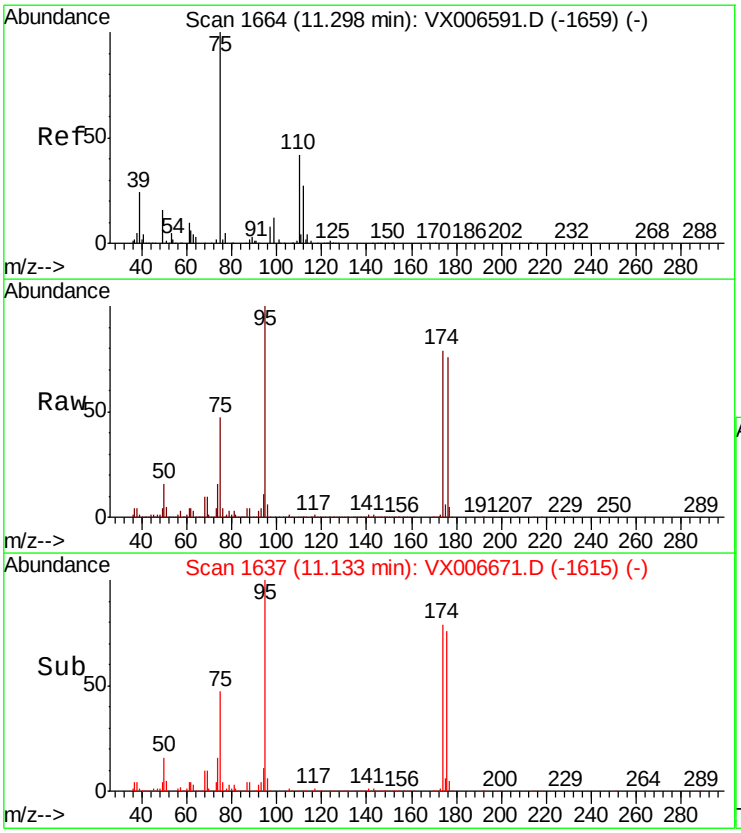
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:152 Resp: 451641

Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.1	117.2
150	155.9	0.0	344.8

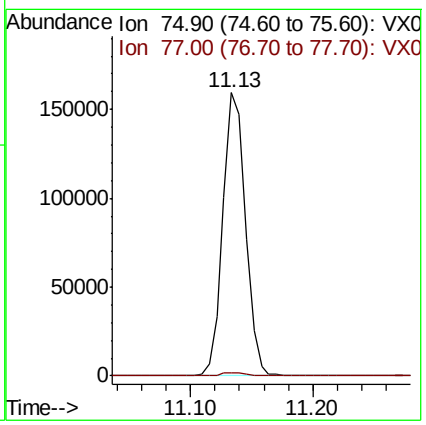


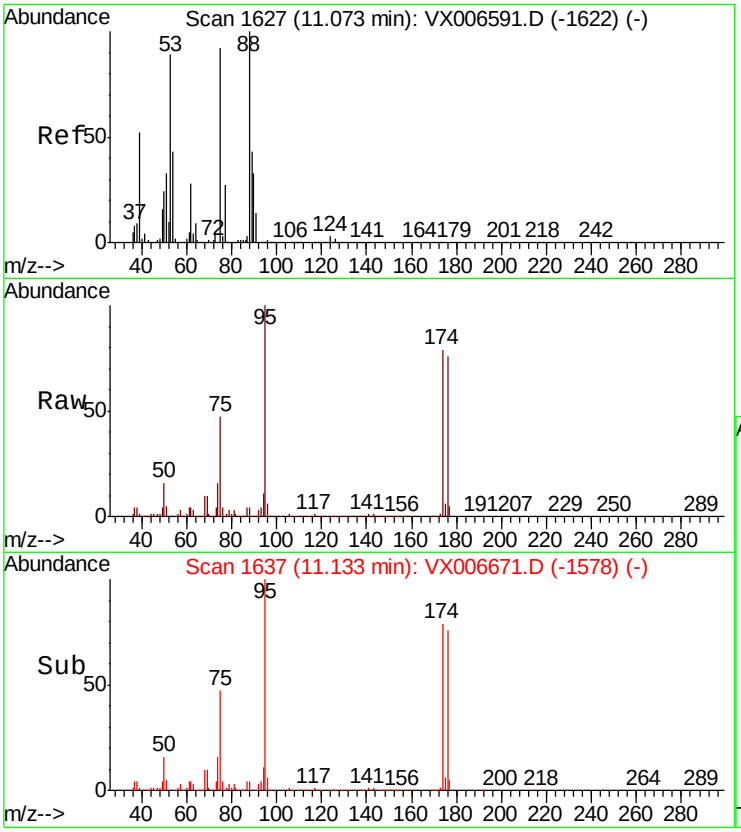


#76
1,2,3-Trichloropropane
Concen: 24.438 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion: 75 Resp: 205121

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#



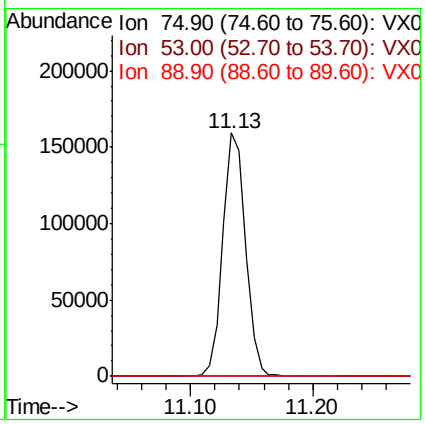


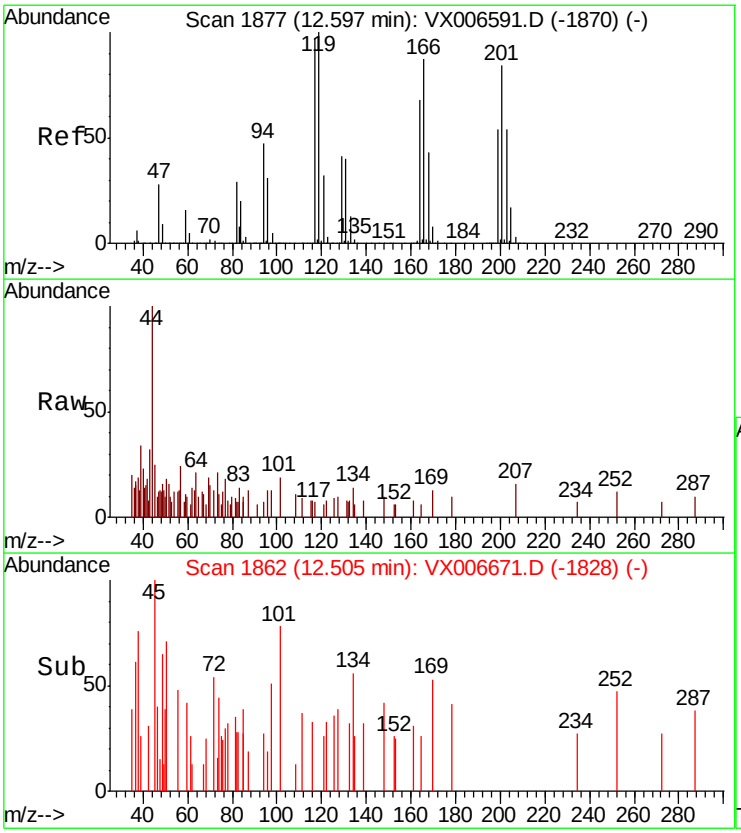
#81
trans-1,4-Dichloro-2-butene
Concen: 72.310 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion: 75 Resp: 205121

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

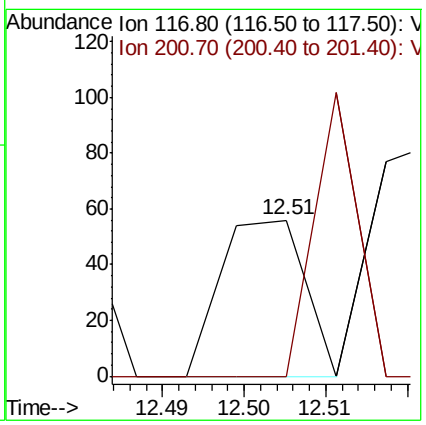


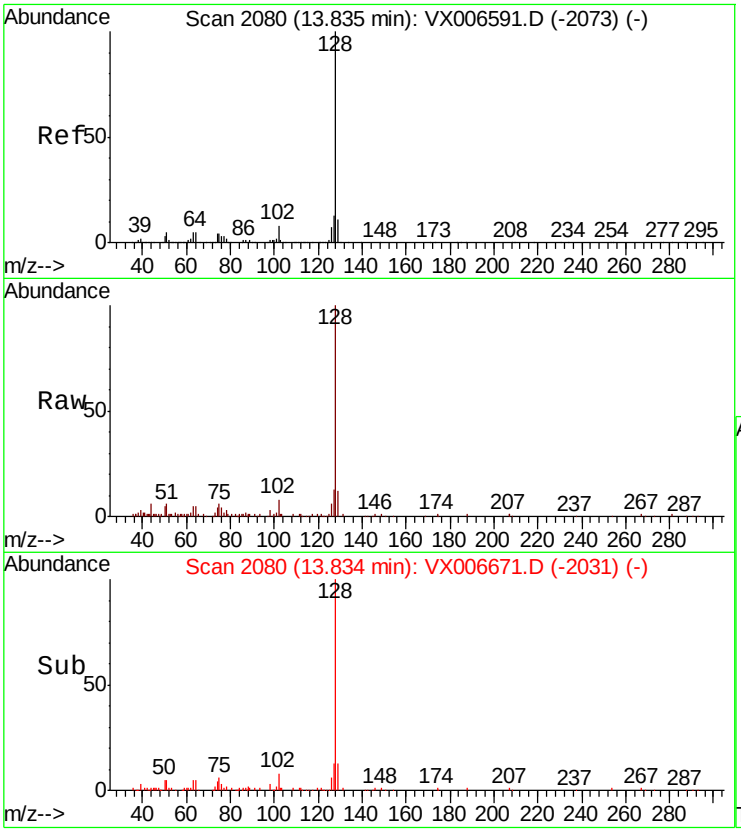


#90
Hexachloroethane
Concen: 3.302 ug/l
RT: 12.51 min Scan# 1862
Delta R.T. -0.09 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Tgt Ion:117 Resp: 40

Ion	Ratio	Lower	Upper
117	100		
201	92.5	42.9	128.7





#95
Naphthalene
Concen: 0.690 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006671.D
Acq: 20 Dec 2018 13:07

Instrument :
MSVOA_X
ClientSampleId :
964-MW-02(23.8)

Tgt Ion:128 Resp: 22873

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	11.9	8.6	13.0