Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
Data File : VX007038.D
Acq On : 14 Jan 2019 14:43
Operator : JC/SP
Sample : K1133-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP022MW359-190109

Quant Time: Jan 15 01:33:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	569712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	876167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	827101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	403960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	305473	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
35) Dibromofluoromethane	5.50	113	270596	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.46%			
50) Toluene-d8	8.71	98	1048418	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.10%			
62) 4-Bromofluorobenzene	11.13	95	376701	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.22%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2111	0.388	ug/l #	78
4) Vinyl Chloride	1.41	62	250732	42.797	ug/l	100
5) Bromomethane	1.64	94	1484	0.237	ug/l	99
11) Tert butyl alcohol	3.07	59	3110	2.214	ug/l #	50
12) 1,1-Dichloroethene	2.38	96	1264	0.241	ug/l #	76
13) Acrolein	2.33	56	511	3.917	ug/l #	75
16) Acetone	2.45	43	12310	4.182	ug/l	99
18) Methyl Acetate	2.78	43	1982	0.233	ug/l #	20
20) Methylene Chloride	2.85	84	879	Below Cal	#	56
21) trans-1,2-Dichloroethene	3.17	96	2662	0.456	ug/l	93
24) 1,1-Dichloroethane	3.70	63	15914	1.687	ug/l	95
25) 2-Butanone	4.70	43	1576	0.374	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	183537	28.516	ug/l	93
36) 1,1-Dichloropropene	5.66	75	35788	4.698	ug/l #	49
38) Carbon Tetrachloride	5.66	117	51048	6.661	ug/l #	15
40) Benzene	6.14	78	54979	2.365	ug/l	97
42) 1,2-Dichloroethane	6.20	62	3941	0.491	ug/l	84
49) 1,4-Dioxane	7.74	88	99	Below Cal	#	1
52) Toluene	8.79	92	8285	0.555	ug/l	96
65) Chlorobenzene	10.14	112	1847061	102.390	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	179026	21.870	ug/l #	40
79) 2-Chlorotoluene	11.41	91	4798	0.255	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.13	75	179026	64.789	ug/l #	10
83) tert-Butylbenzene	11.77	119	6323	0.266	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	46557	3.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	106754	8.064	ug/l	95
90) Hexachloroethane	12.59	117	151	2.943	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	104486	7.463	ug/l	99

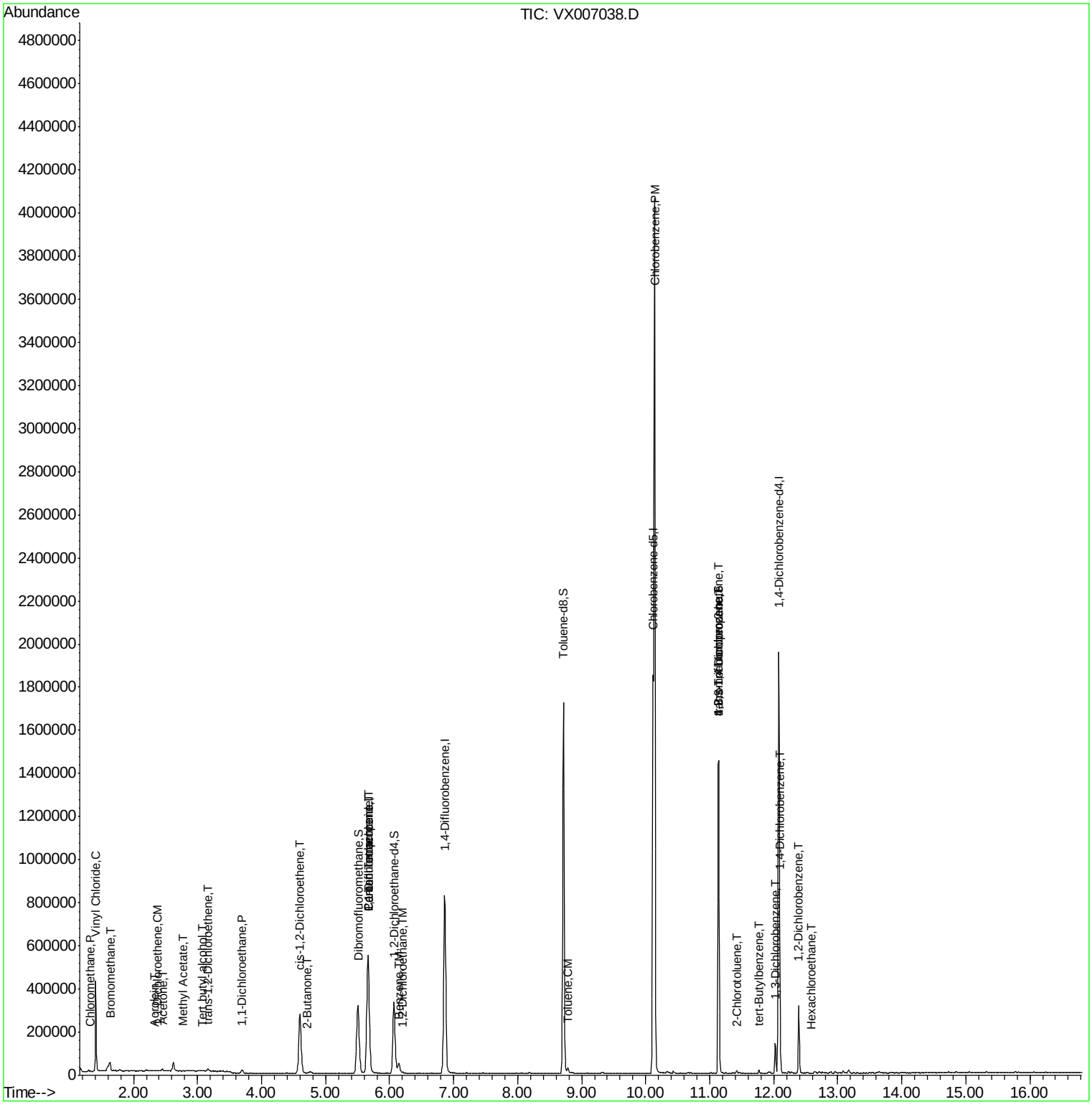
(#) = qualifier out of range (m) = manual integration (+) = signals summed

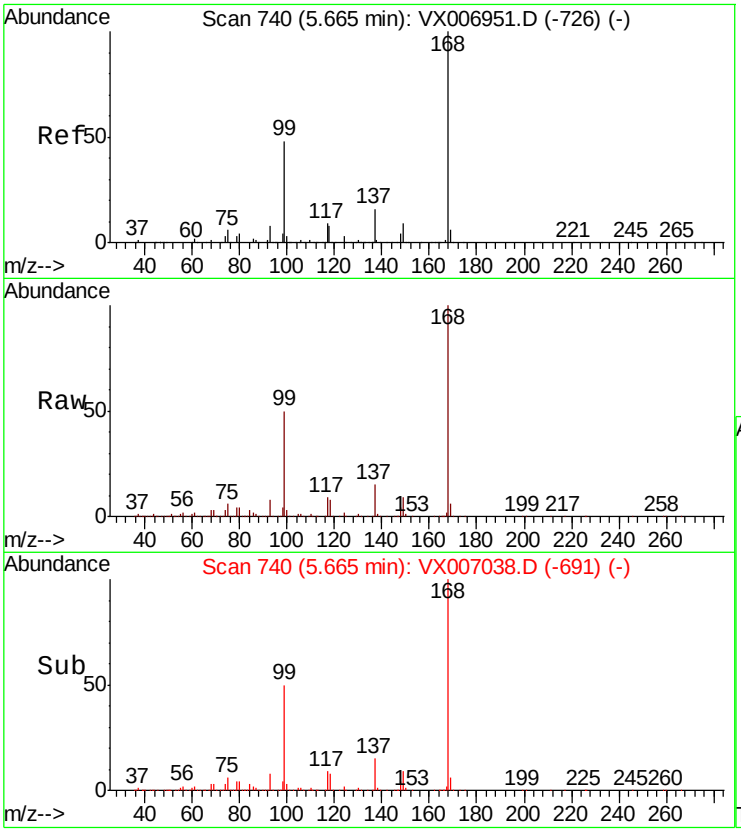
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011419\
Data File : VX007038.D
Acq On : 14 Jan 2019 14:43
Operator : JC/SP
Sample : K1133-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Quant Time: Jan 15 01:33:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



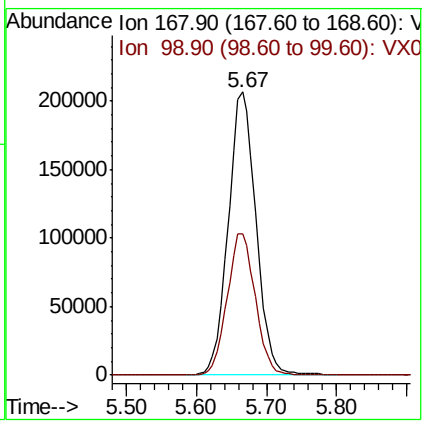


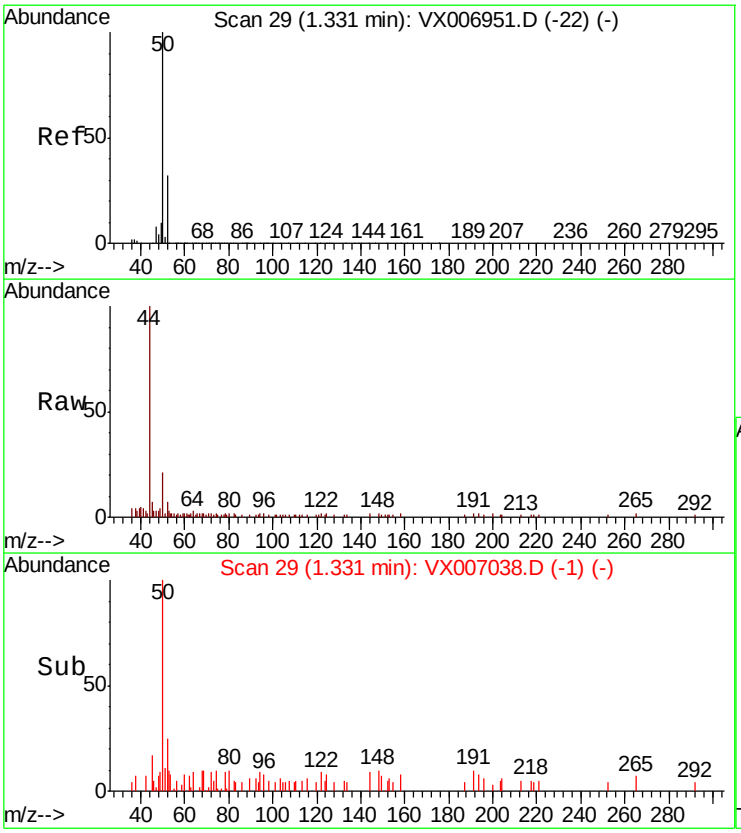
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:168 Resp: 569712

Ion	Ratio	Lower	Upper
168	100		
99	49.8	41.8	62.8

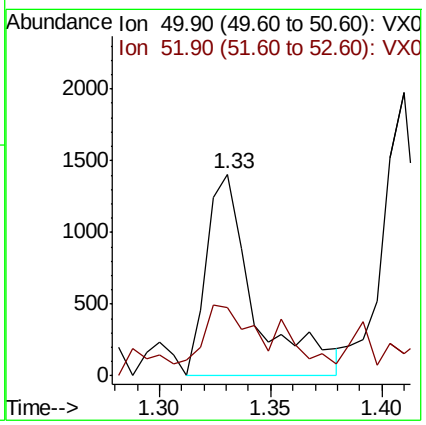


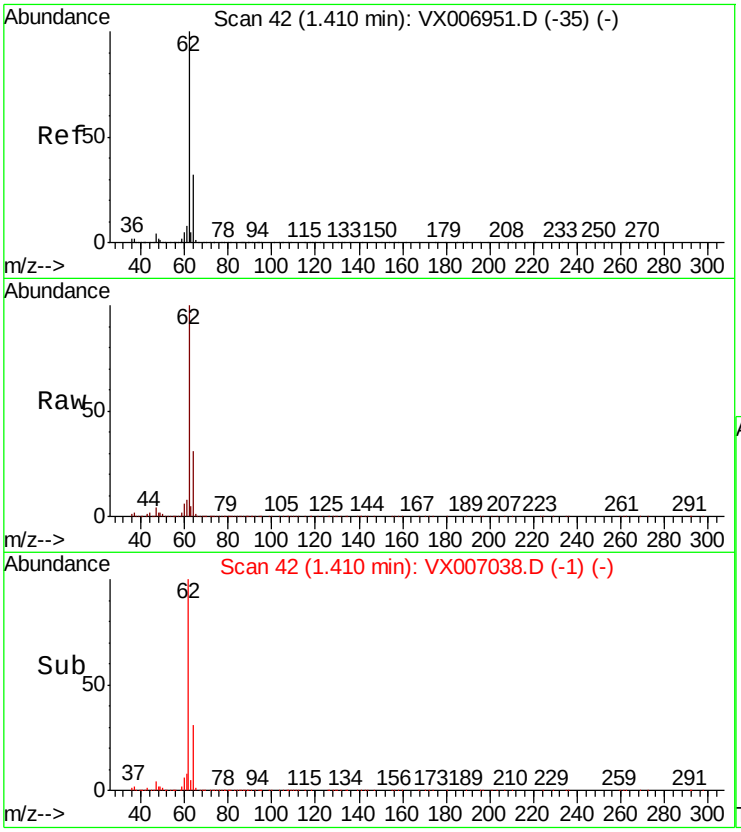


#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 50 Resp: 2111

Ion	Ratio	Lower	Upper
50	100		
52	44.1	25.4	38.2#



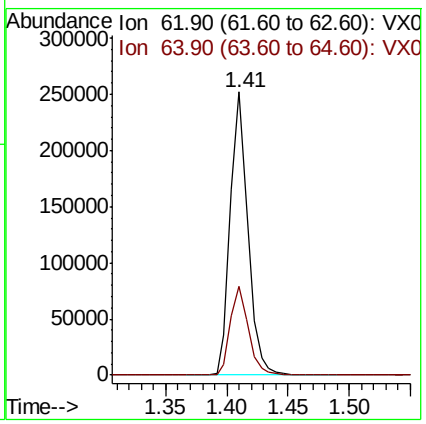


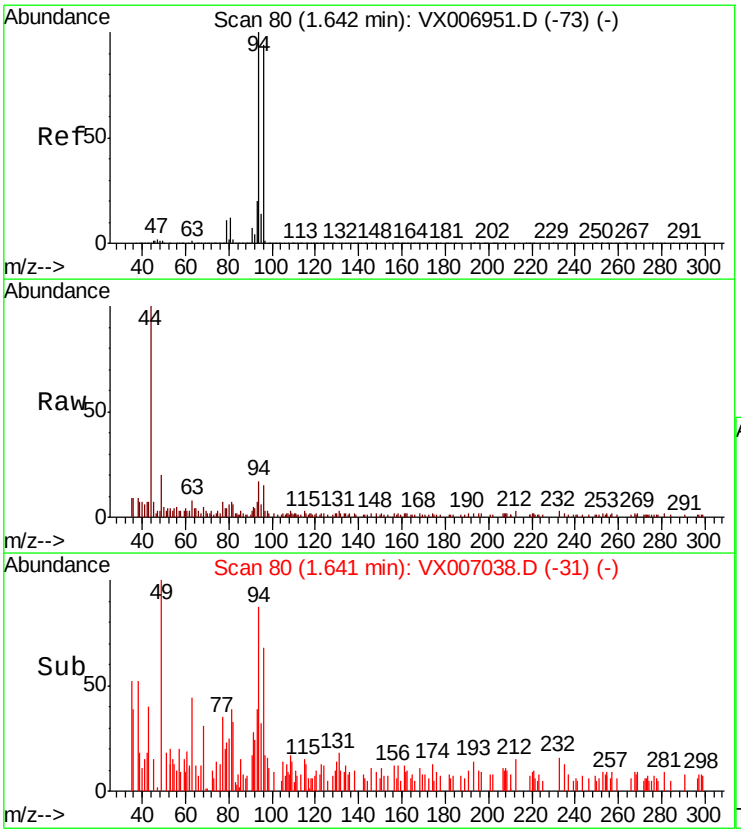
#4
Vinyl Chloride
Concen: 42.797 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 62 Resp: 250732

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.1	37.7

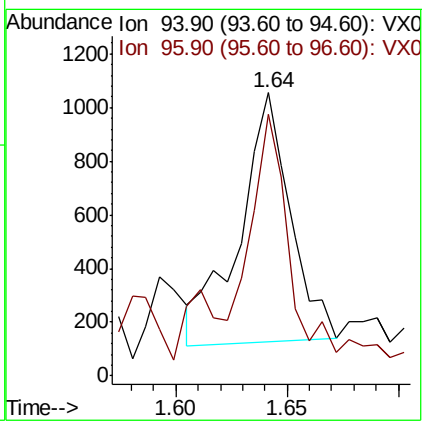


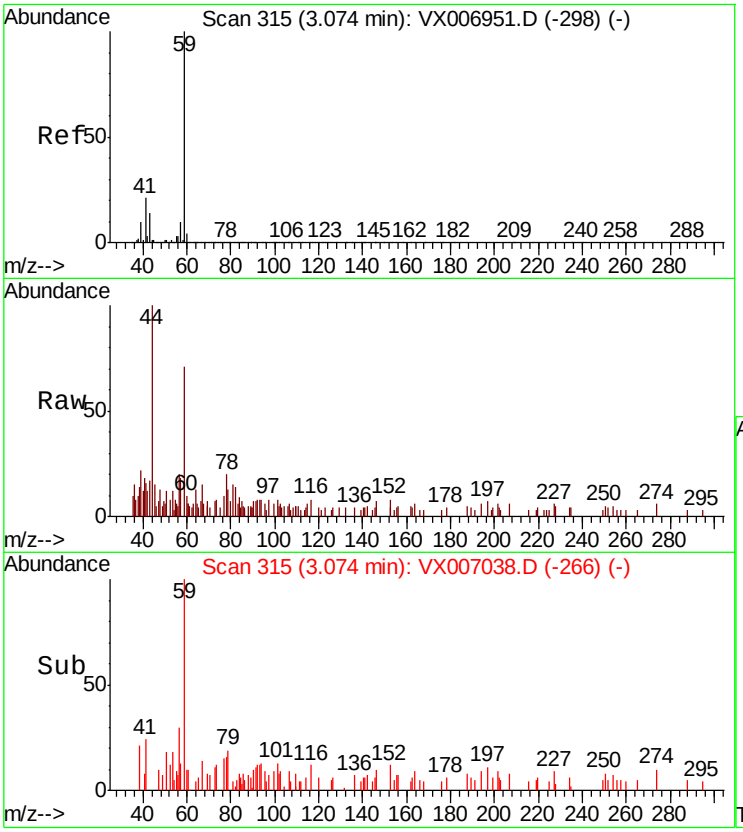


#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 94 Resp: 1484

Ion	Ratio	Lower	Upper
94	100		
96	91.2	73.4	110.2



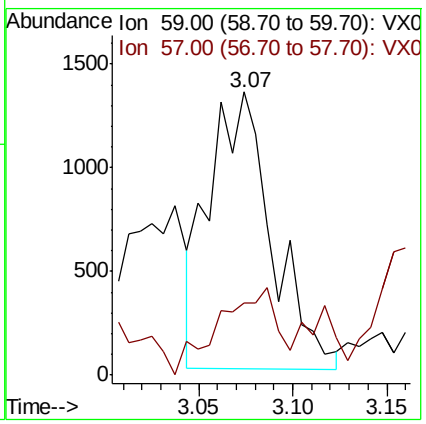


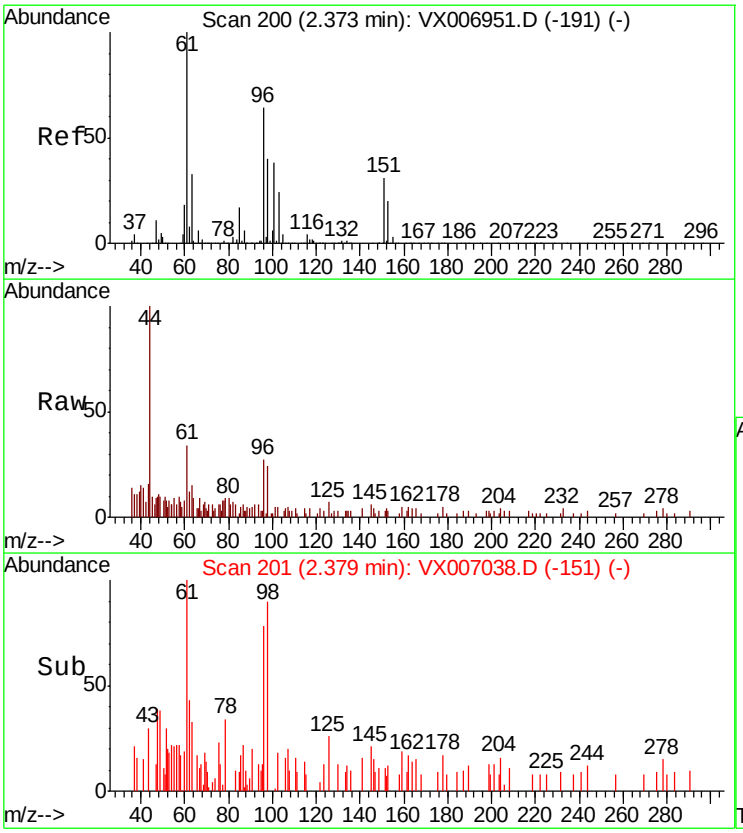
#11
Tert butyl alcohol
Concen: 2.214 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 59 Resp: 3110

Ion	Ratio	Lower	Upper
59	100		
57	29.5	8.5	12.7#

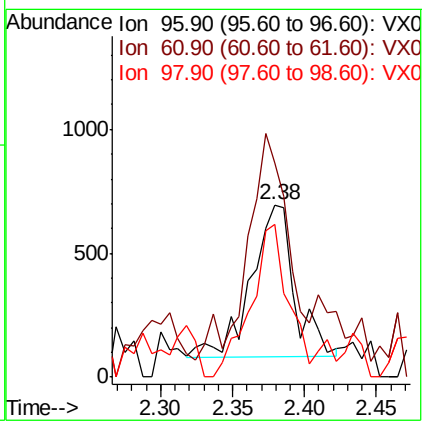


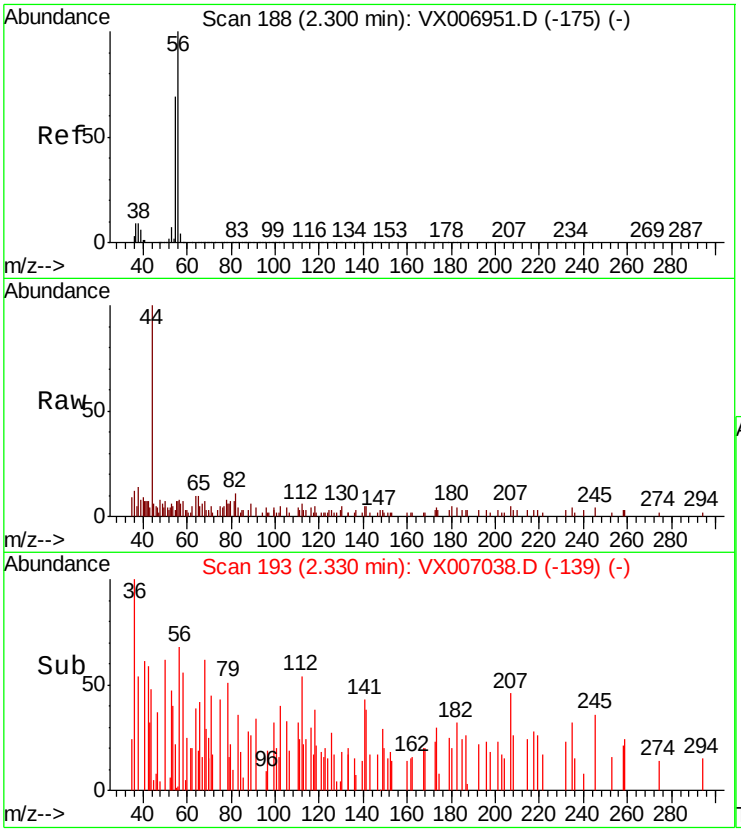


#12
1,1-Dichloroethene
Concen: 0.241 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 96 Resp: 1264

Ion	Ratio	Lower	Upper
96	100		
61	125.8	121.4	182.2
98	91.0	51.9	77.9#



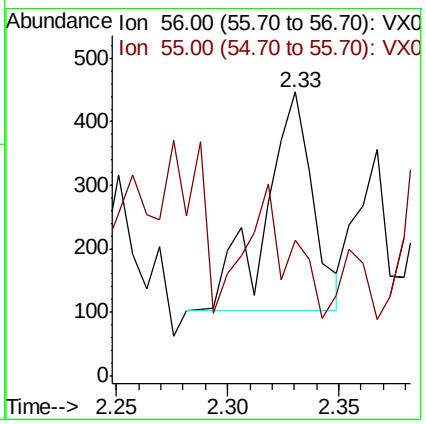


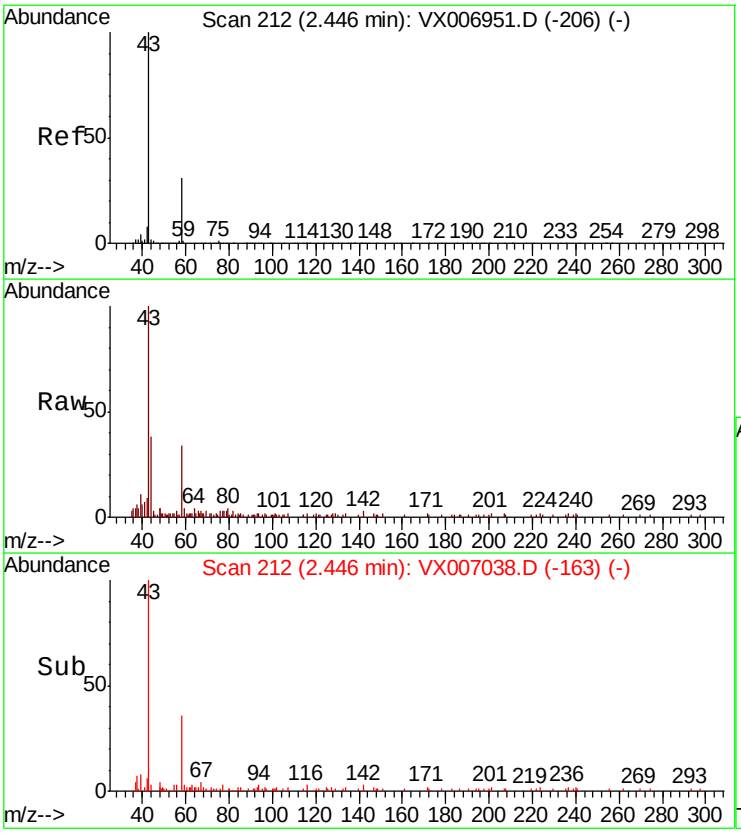
#13
Acrolein
Concen: 3.917 ug/l
RT: 2.33 min Scan# 193
Delta R.T. 0.03 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 56 Resp: 511

Ion	Ratio	Lower	Upper
56	100		
55	52.1	58.2	87.4#

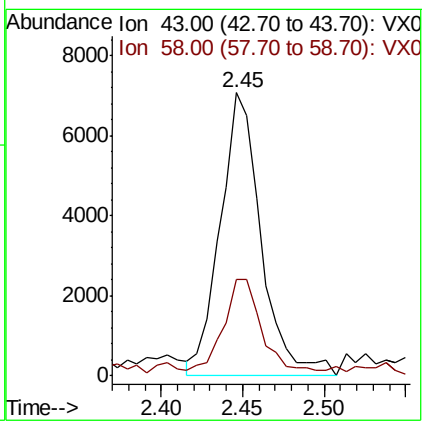


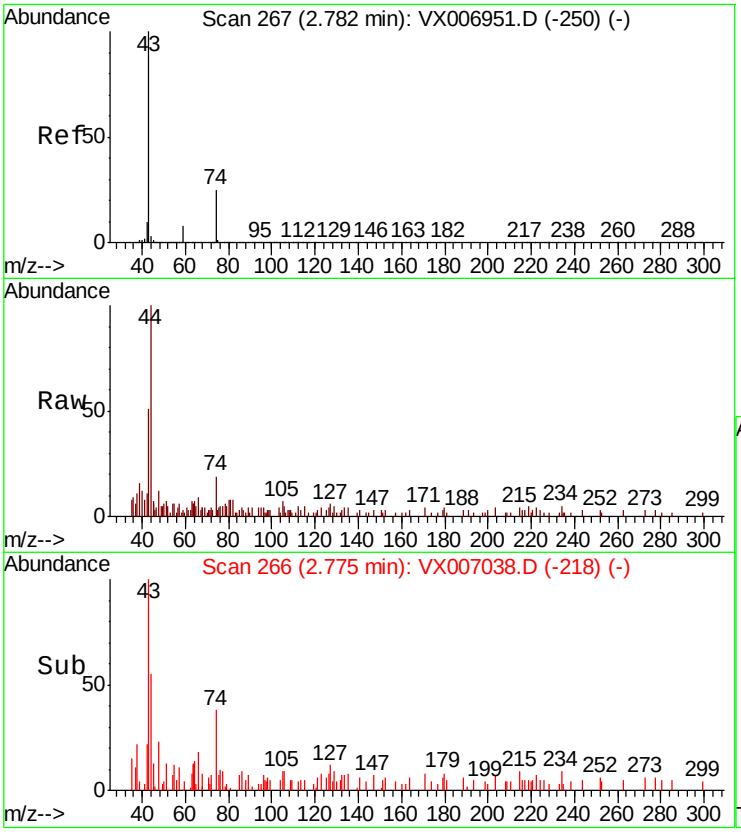


#16
Acetone
Concen: 4.182 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 43 Resp: 12310

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.0	37.6



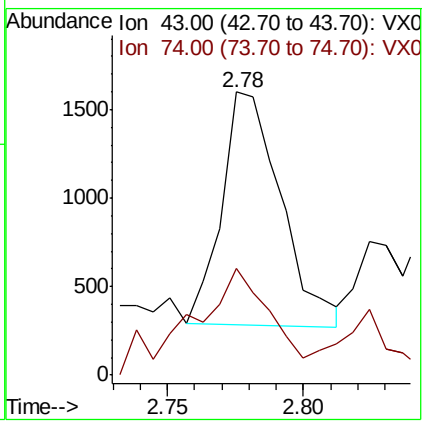


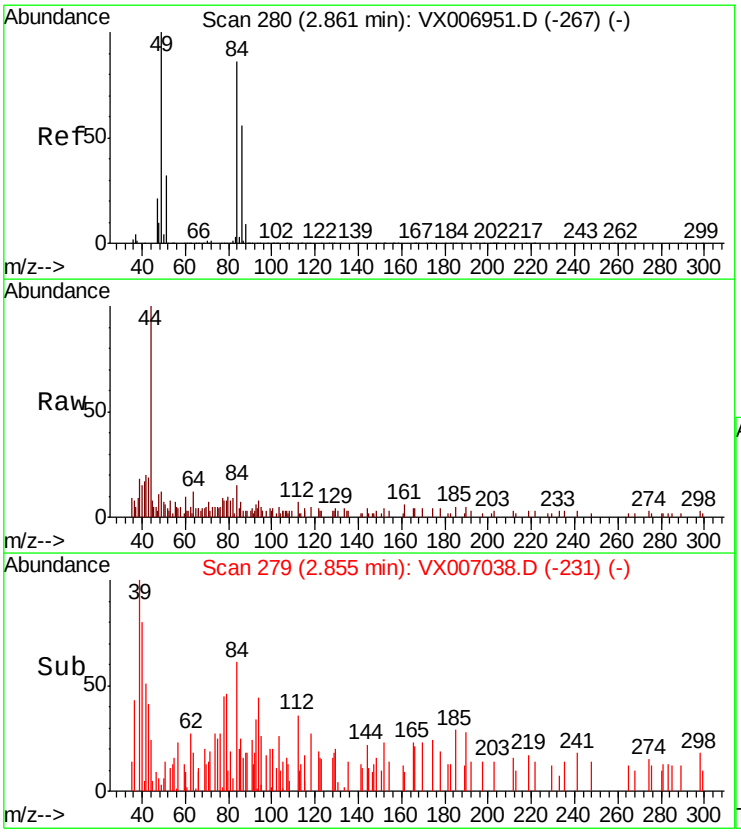
#18
Methyl Acetate
Concen: 0.233 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 43 Resp: 1982

Ion	Ratio	Lower	Upper
43	100		
74	62.4	18.6	28.0#

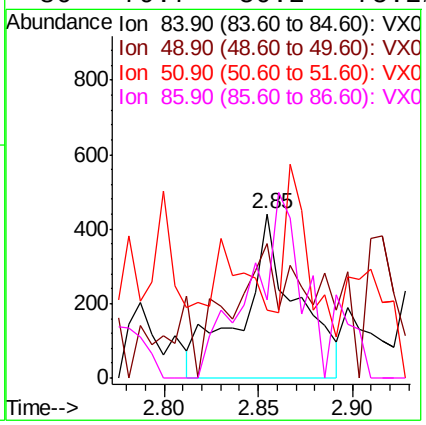


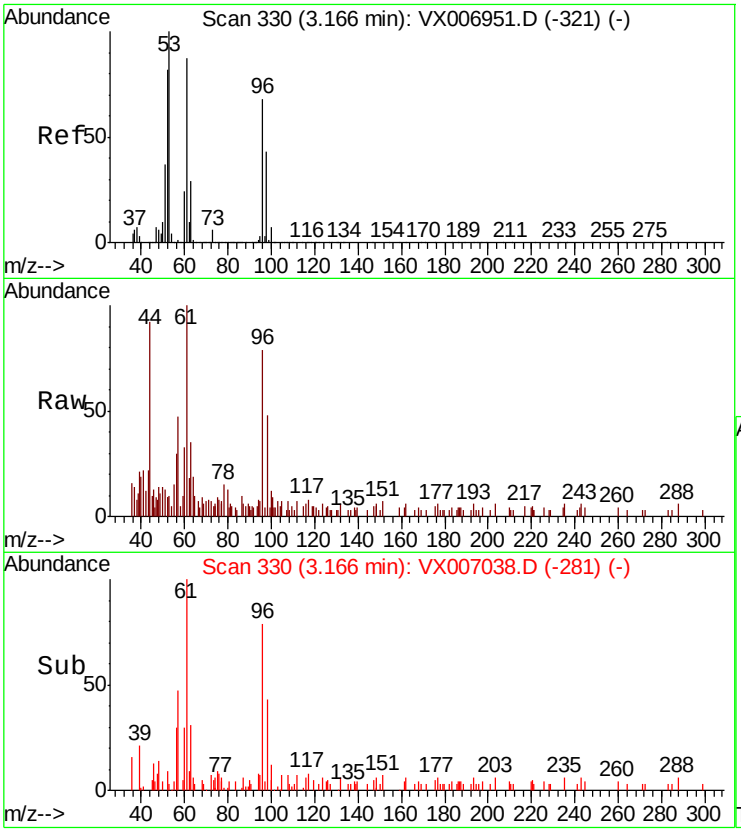


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 84 Resp: 879

Ion	Ratio	Lower	Upper
84	100		
49	47.8	91.8	137.6#
51	19.5	28.5	42.7#
86	79.7	50.2	75.2#



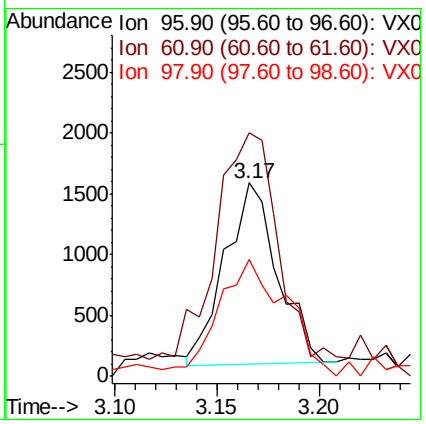


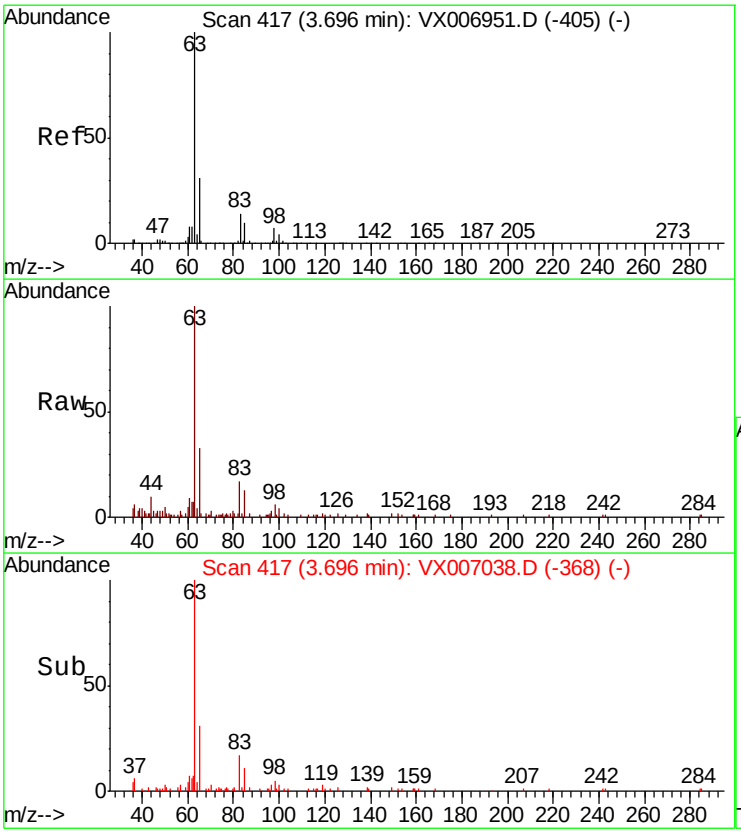
#21
trans-1,2-Dichloroethene
Concen: 0.456 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 96 Resp: 2662

Ion	Ratio	Lower	Upper
96	100		
61	117.9	103.7	155.5
98	65.3	51.0	76.6

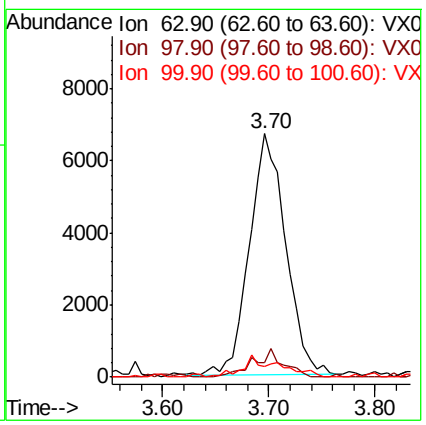


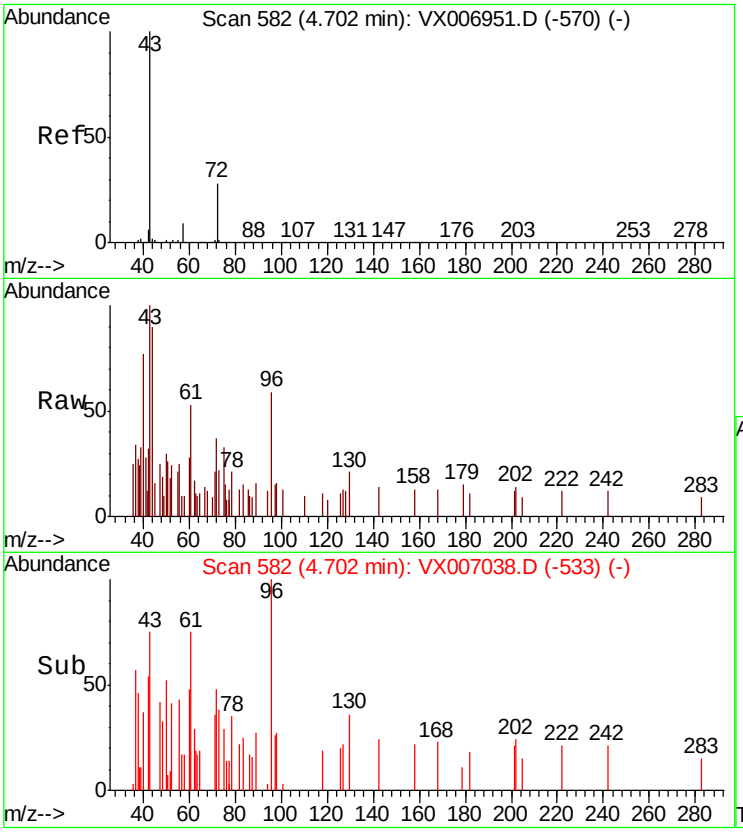


#24
1,1-Dichloroethane
Concen: 1.687 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 63 Resp: 15914

Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.9	11.5
100	4.2	2.4	7.2



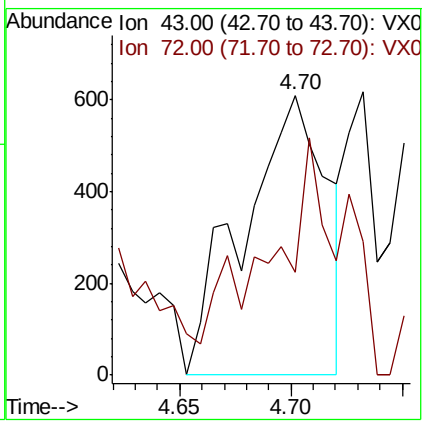


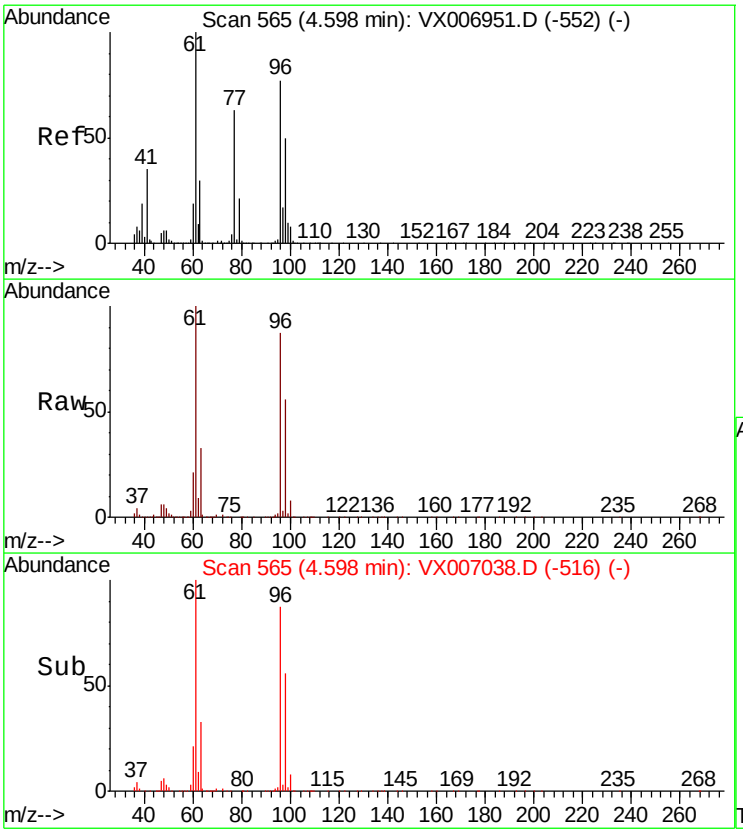
#25
2-Butanone
Concen: 0.374 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 43 Resp: 1576

Ion	Ratio	Lower	Upper
43	100		
72	22.0	22.4	33.6#

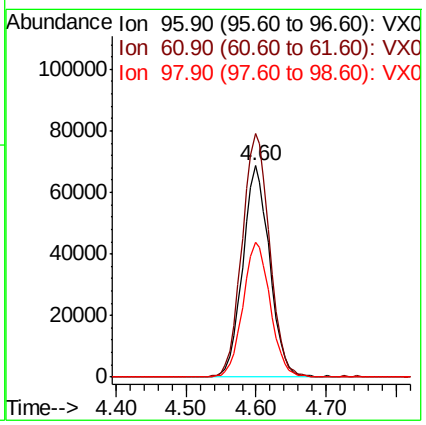


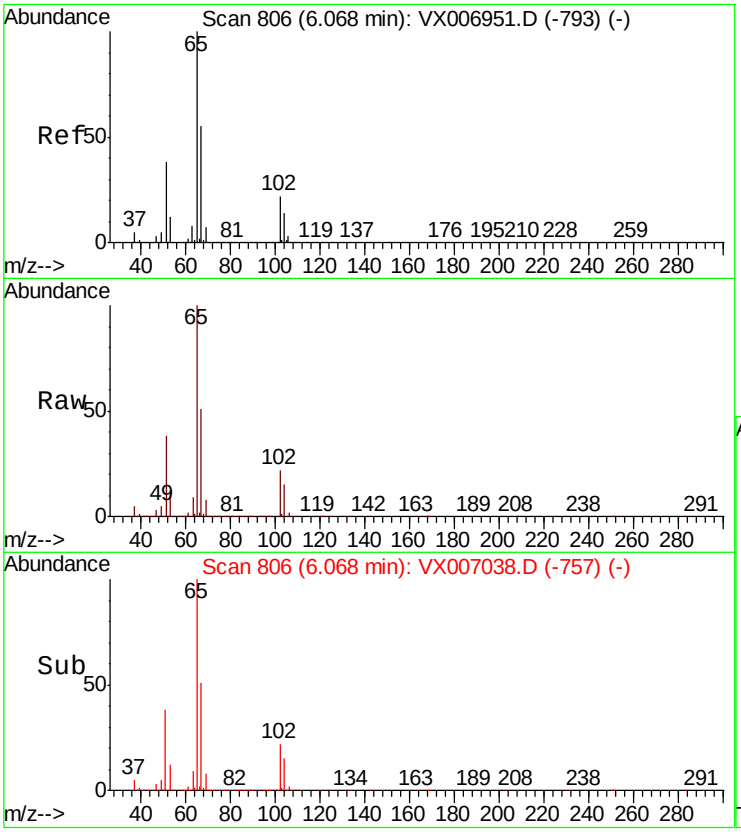


#27
cis-1,2-Dichloroethene
Concen: 28.516 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 96 Resp: 183537

Ion	Ratio	Lower	Upper
96	100		
61	117.3	0.0	258.6
98	64.8	0.0	132.0



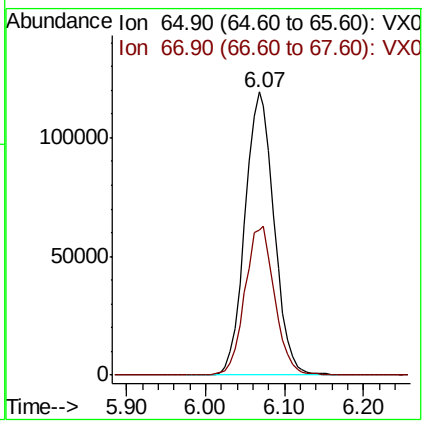


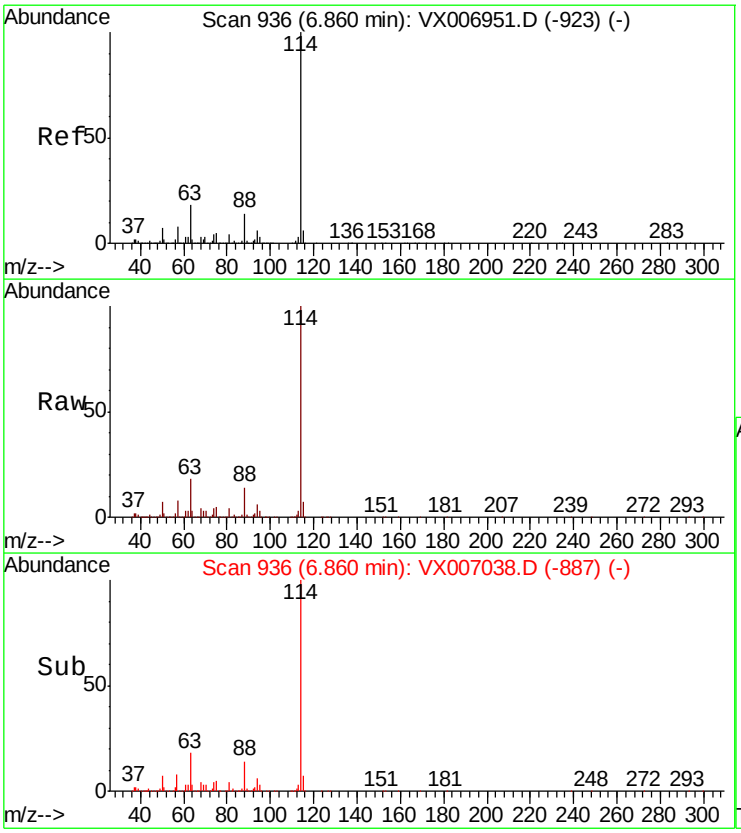
#33
1,2-Dichloroethane-d4
Concen: 51.306 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 65 Resp: 305473

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.0

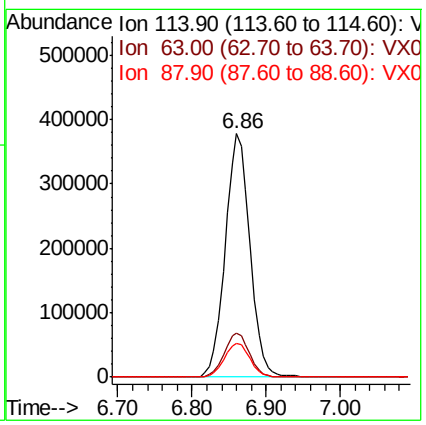


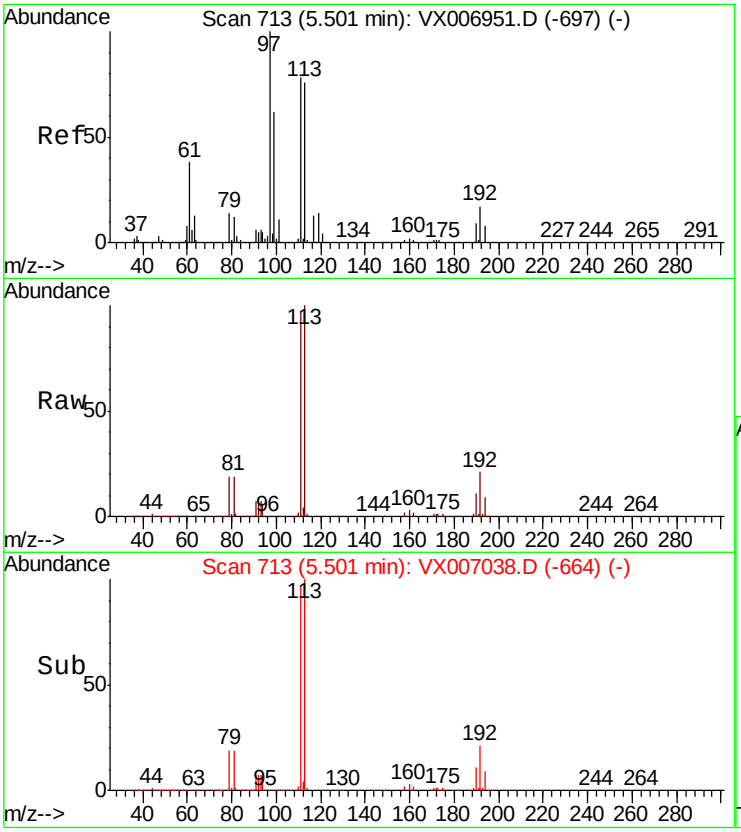


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:114 Resp: 876167

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	34.8
88	13.9	0.0	28.8



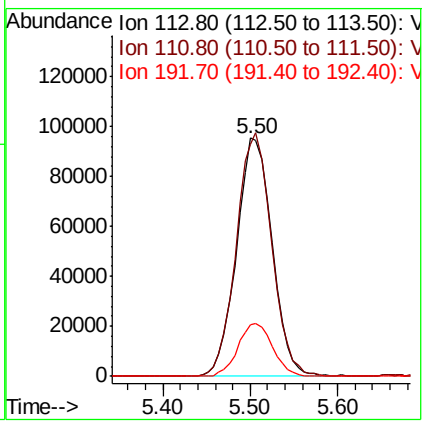


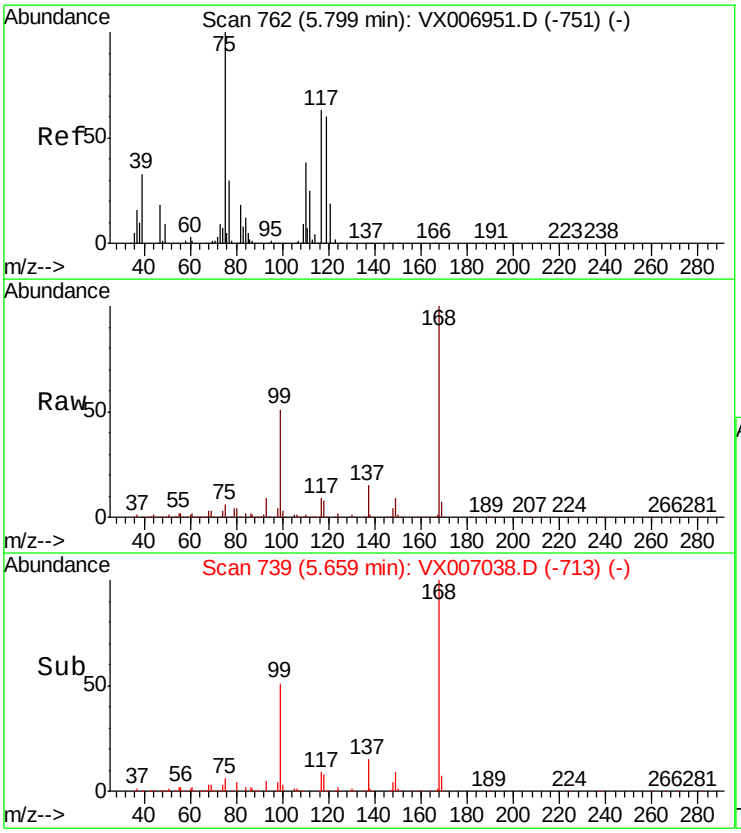
#35
Dibromofluoromethane
Concen: 48.227 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:113 Resp: 270596

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.6	122.4
192	21.7	16.7	25.1

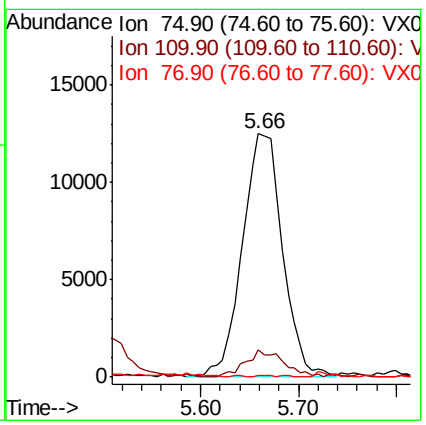


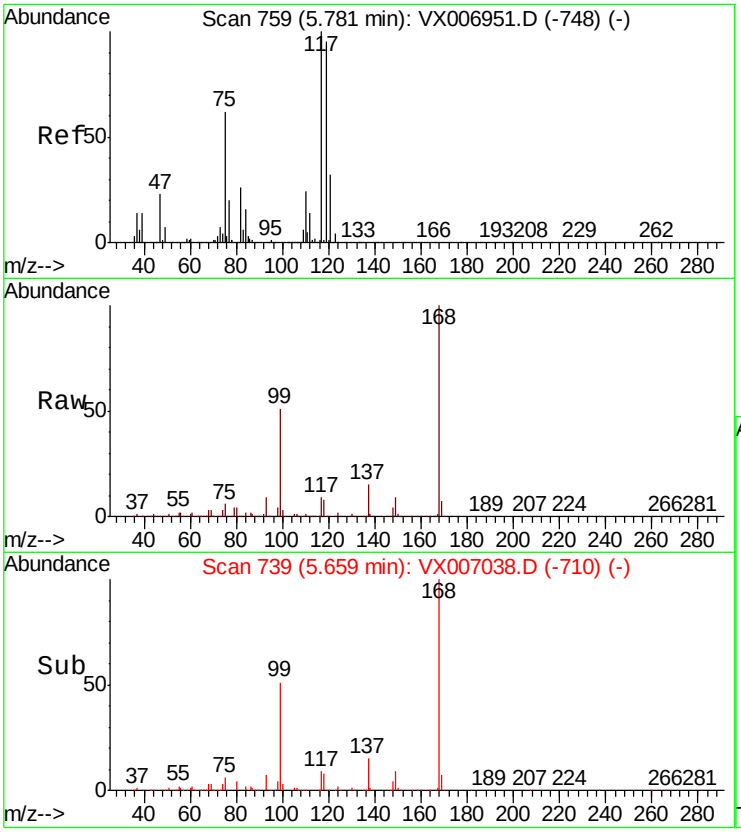


#36
1,1-Dichloropropene
Concen: 4.698 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 75 Resp: 35788

Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.2	60.5#
77	0.3	24.8	37.2#



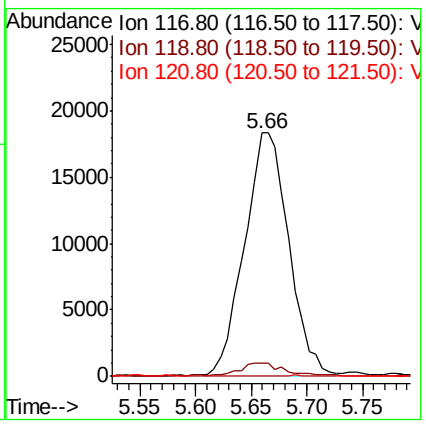


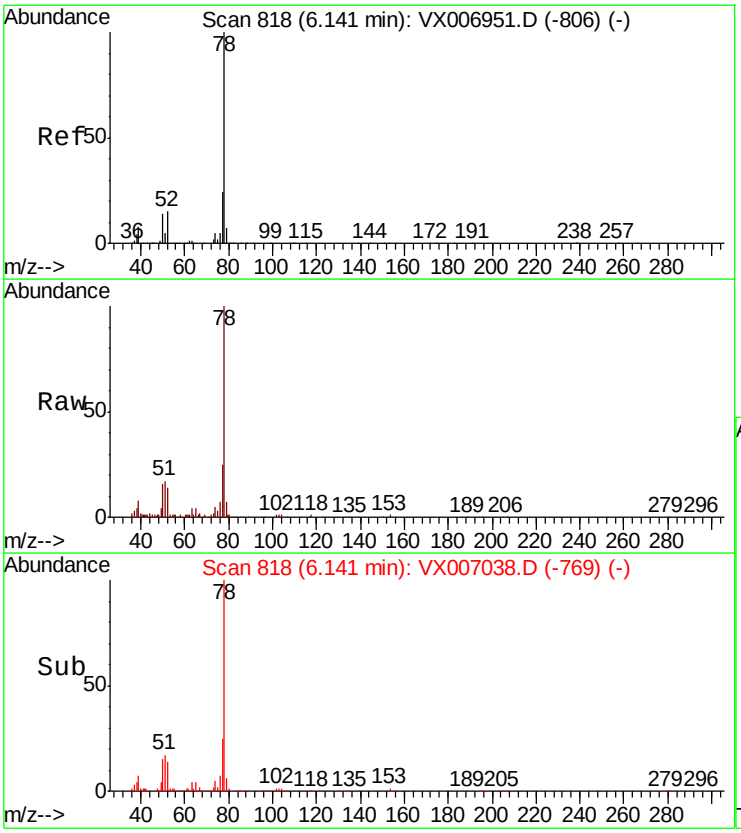
#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:117 Resp: 51048

Ion	Ratio	Lower	Upper
117	100		
119	5.4	79.4	119.2#
121	0.0	24.0	36.0#

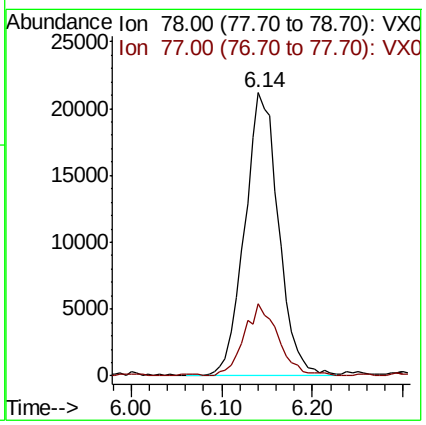


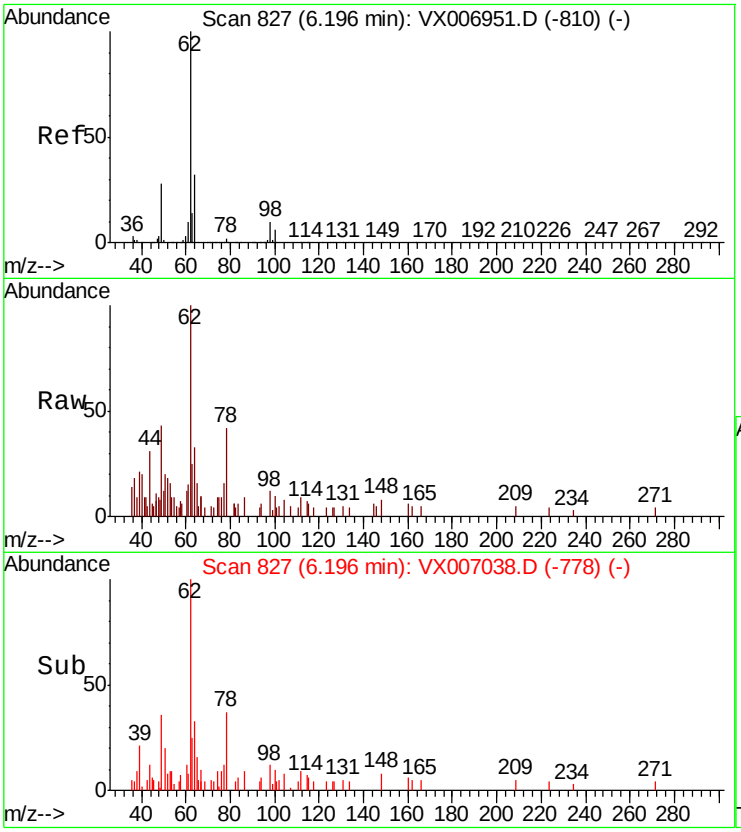


#40
Benzene
Concen: 2.365 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 78 Resp: 54979

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.2	28.8



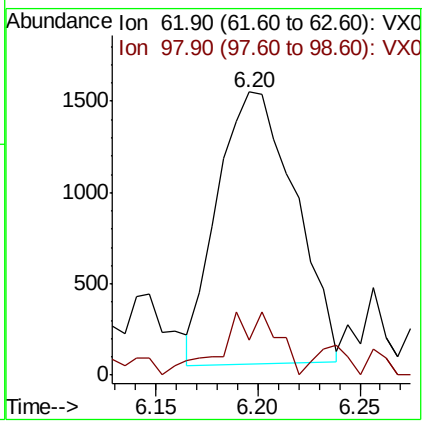


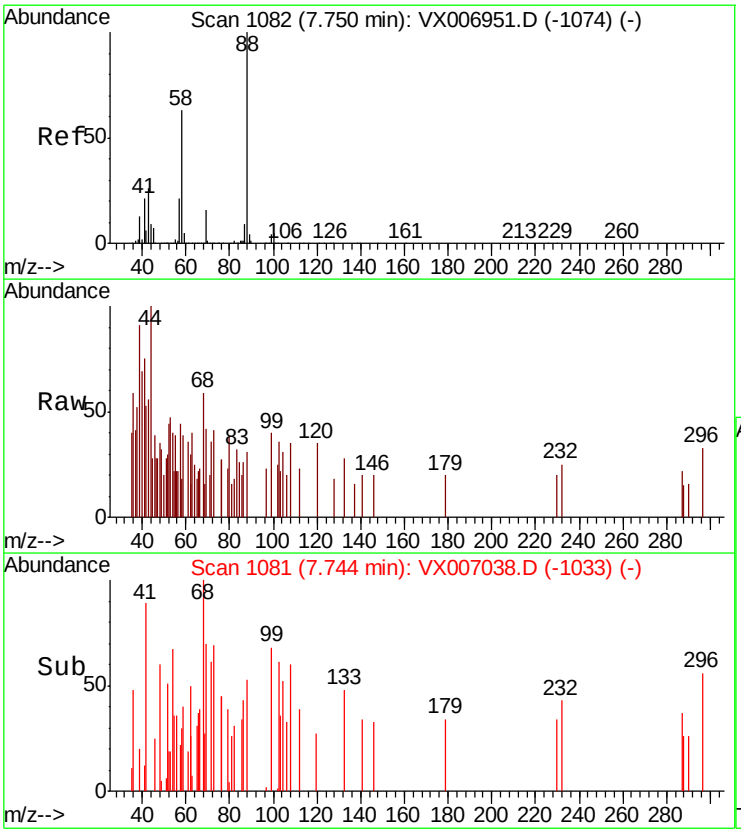
#42
1,2-Dichloroethane
Concen: 0.491 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 62 Resp: 3941

Ion	Ratio	Lower	Upper
62	100		
98	16.0	0.0	20.2

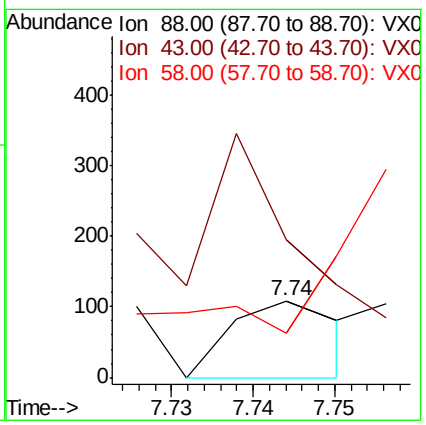


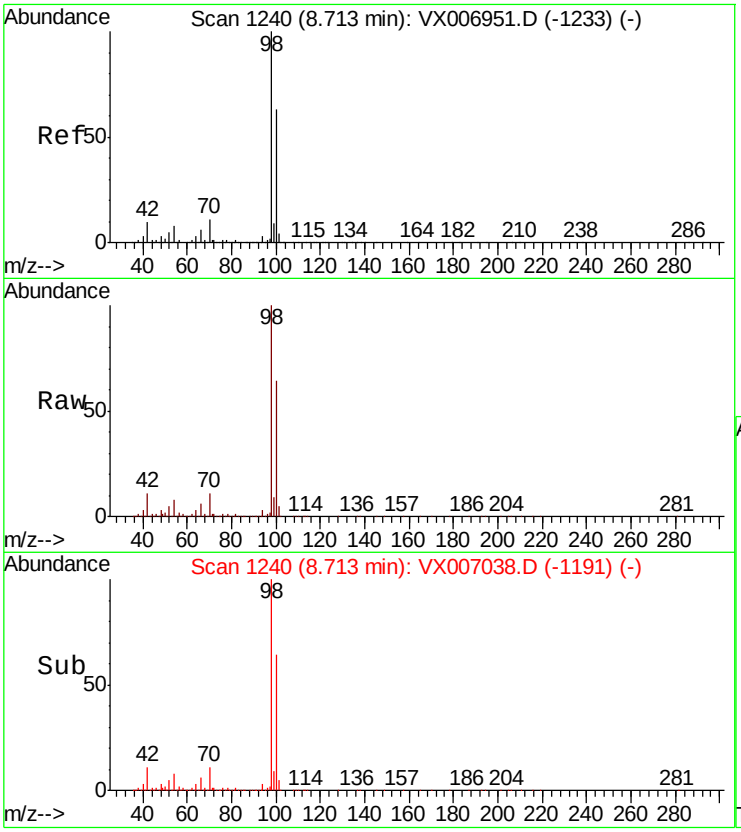


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 88 Resp: 99

Ion	Ratio	Lower	Upper
88	100		
43	258.6	22.2	33.4#
58	0.0	51.0	76.4#



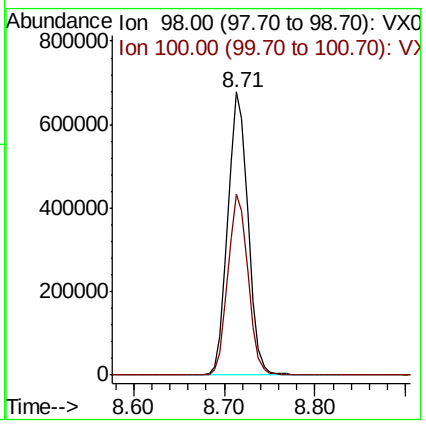


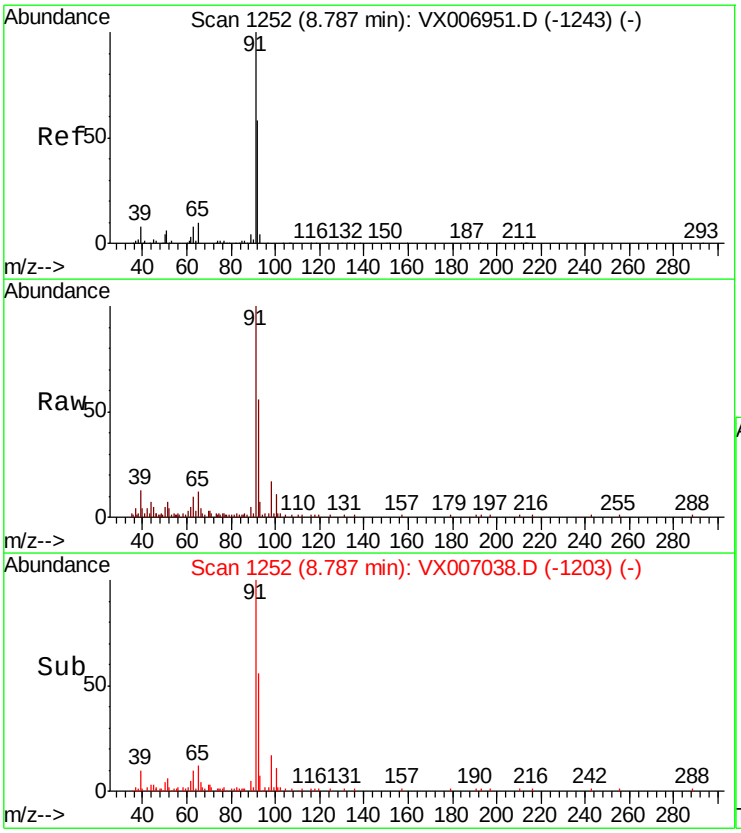
#50
Toluene-d8
Concen: 51.048 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 98 Resp: 1048418

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

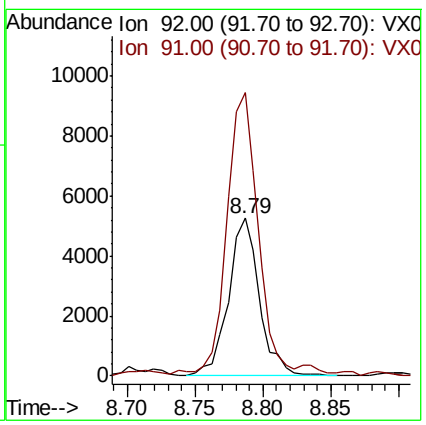


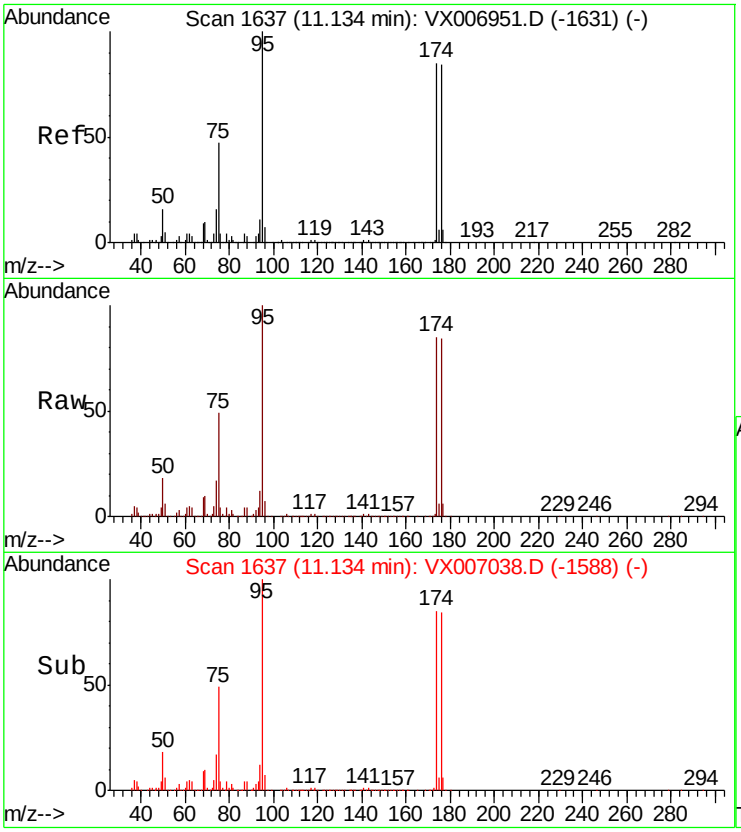


#52
Toluene
Concen: 0.555 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 92 Resp: 8285

Ion	Ratio	Lower	Upper
92	100		
91	177.1	137.6	206.4



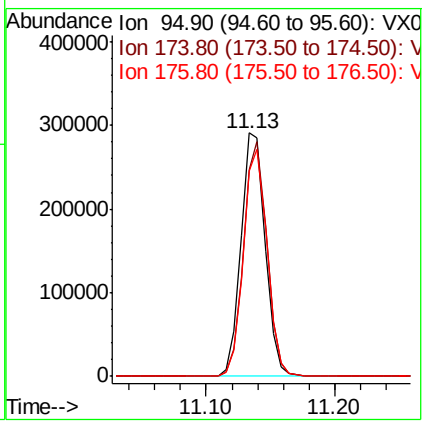


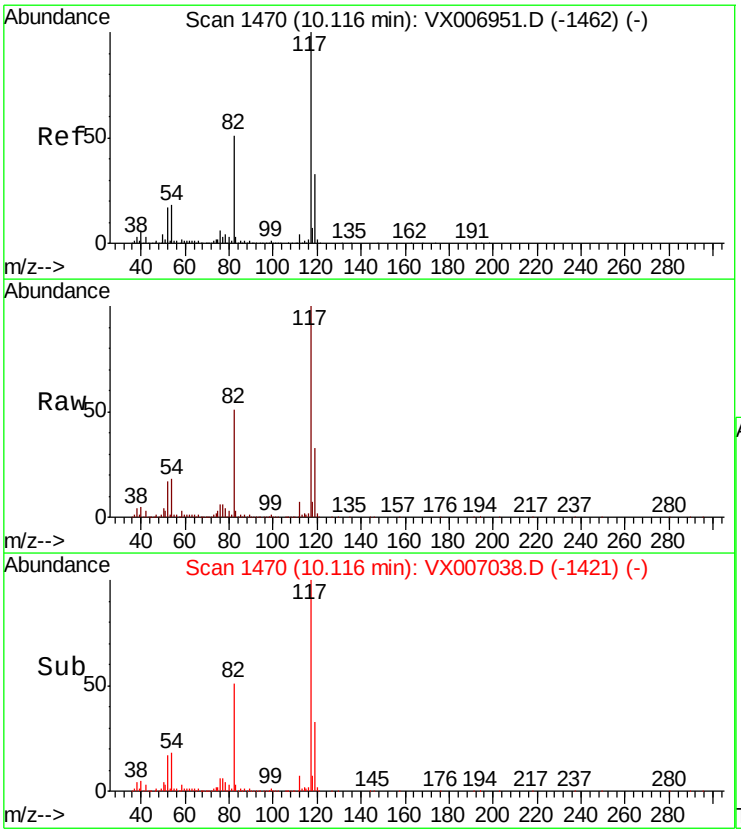
#62
4-Bromofluorobenzene
Concen: 52.612 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 95 Resp: 376701

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	182.2
176	90.4	0.0	178.8

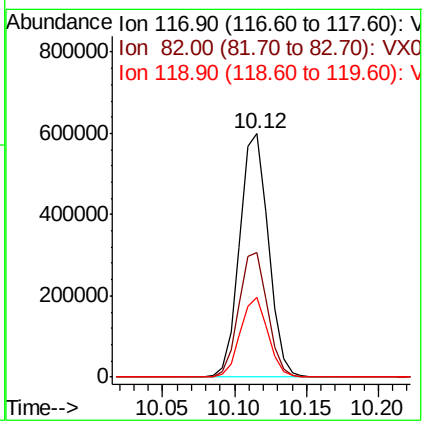


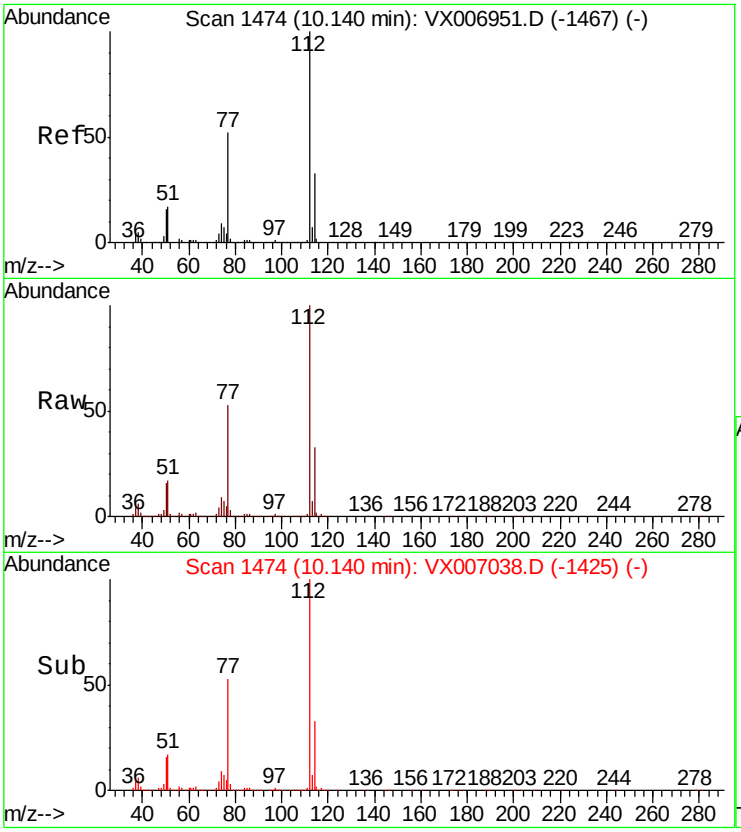


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:117 Resp: 827101

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.6
119	32.6	25.4	38.0



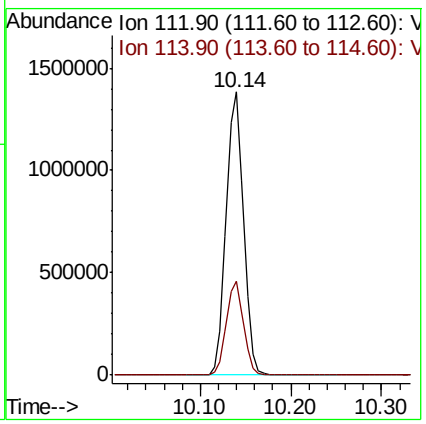


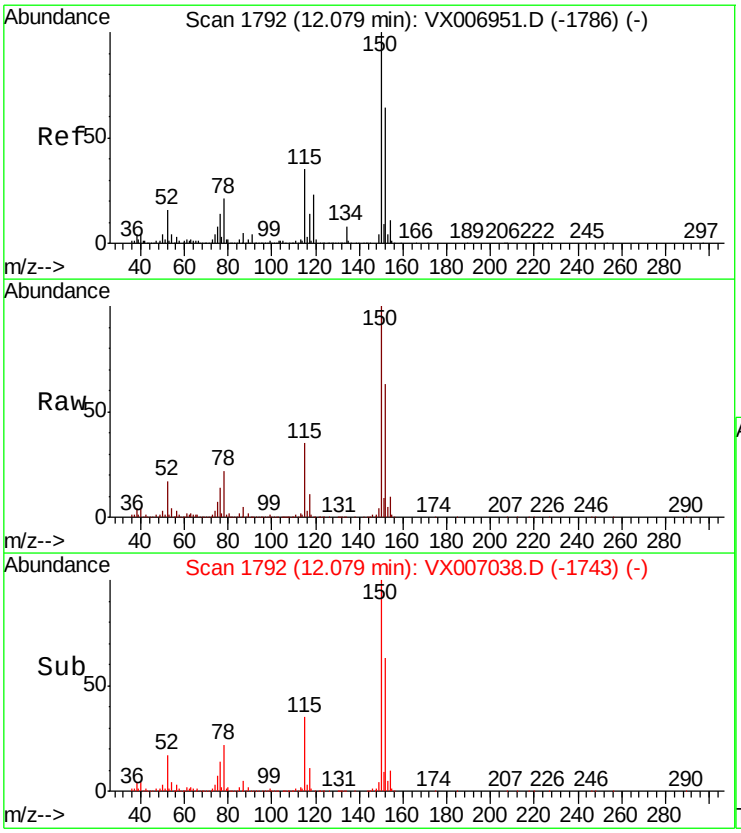
#65
Chlorobenzene
Concen: 102.390 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:112 Resp: 1847061

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

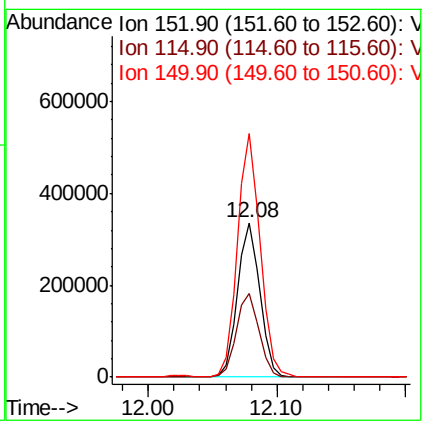


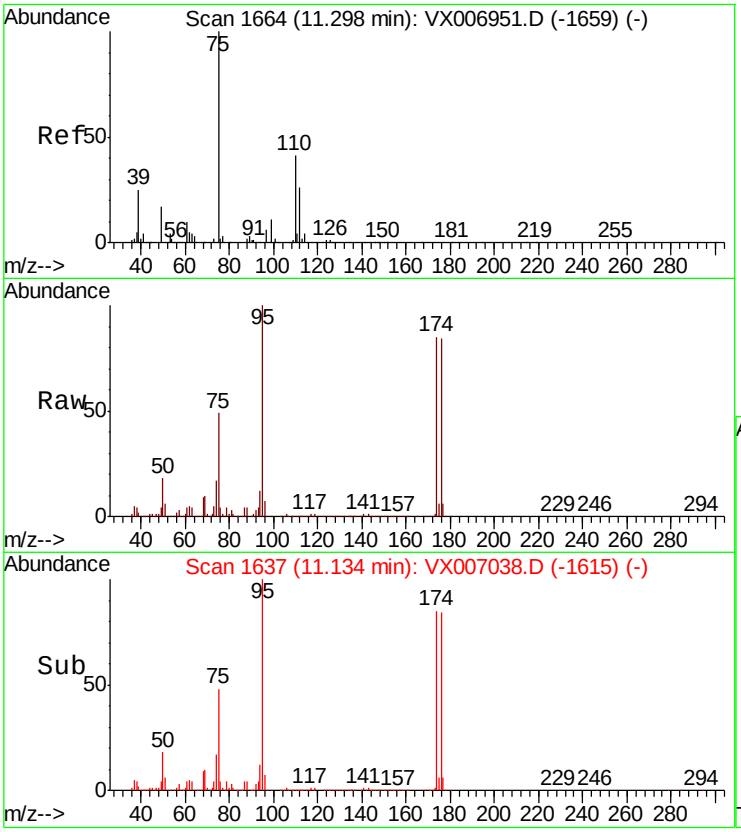


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:152 Resp: 403960

Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	159.5	0.0	344.8



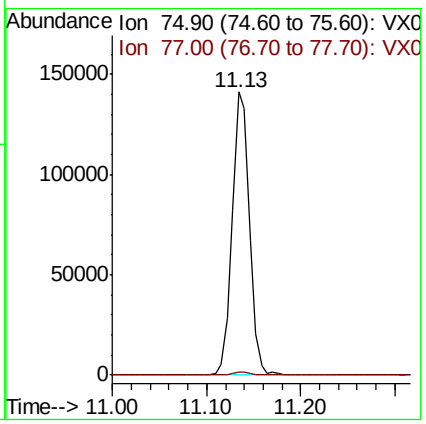


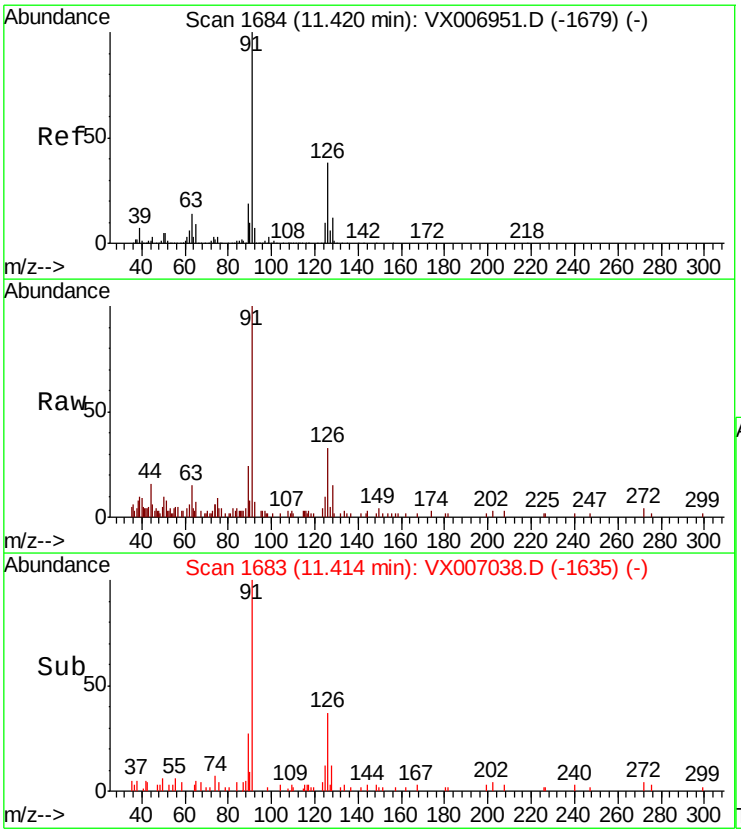
#76
1,2,3-Trichloropropane
Concen: 21.870 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 75 Resp: 179026

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#

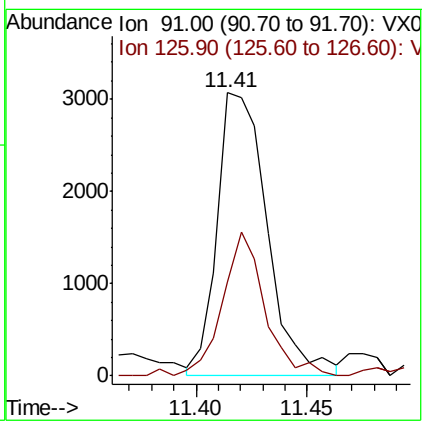


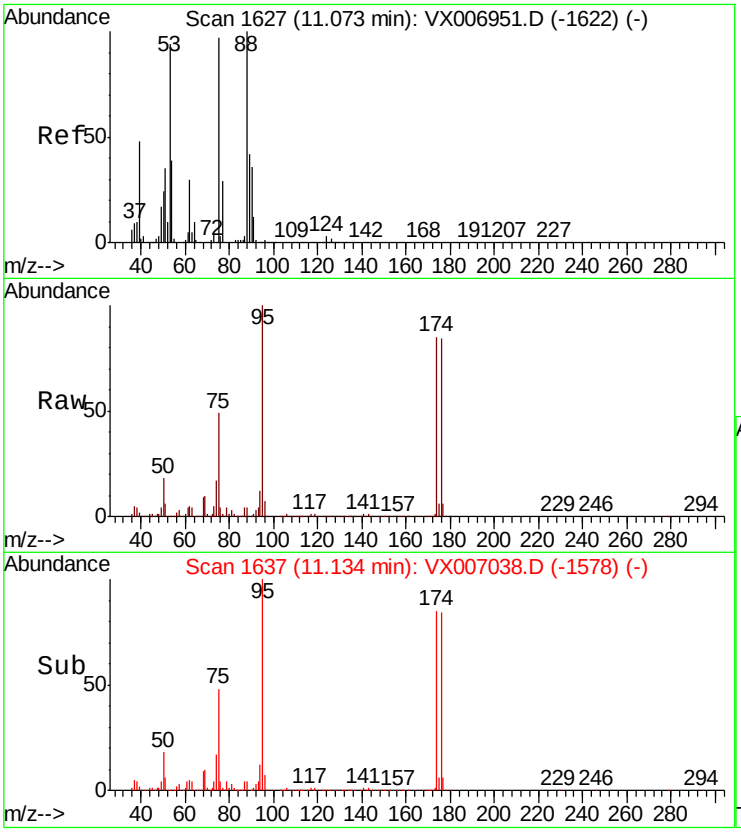


#79
2-Chlorotoluene
Concen: 0.255 ug/l
RT: 11.41 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion: 91 Resp: 4798

Ion	Ratio	Lower	Upper
91	100		
126	43.4	18.6	56.0



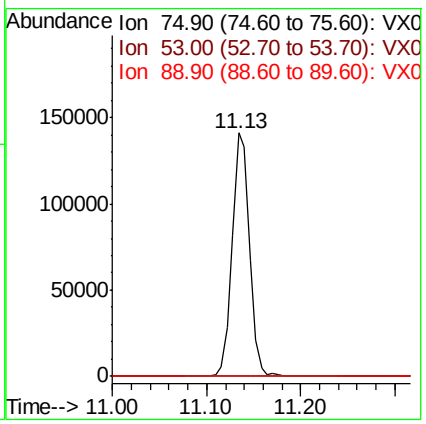


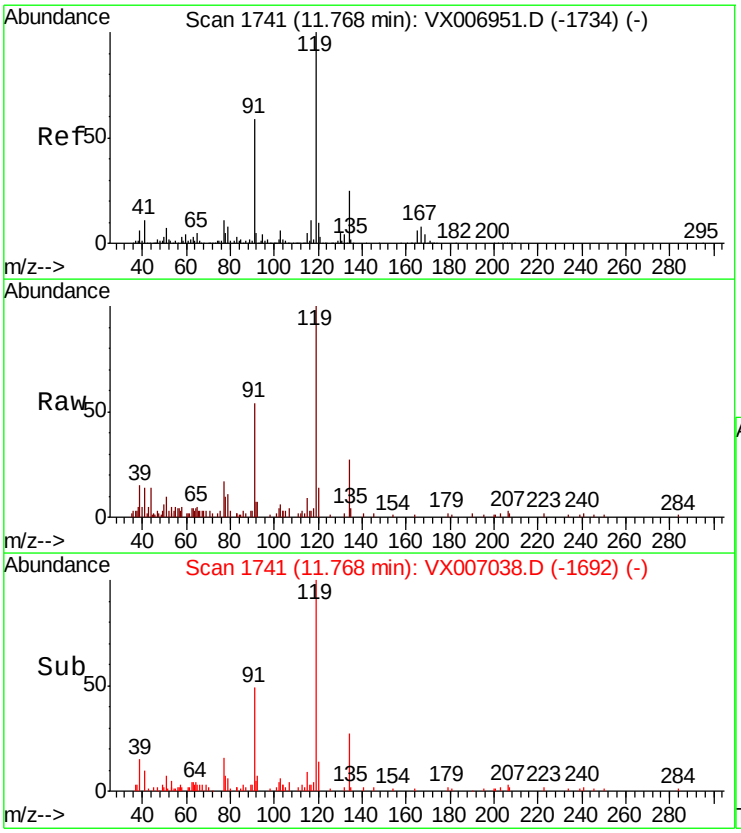
#81
trans-1,4-Dichloro-2-butene
Concen: 64.789 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion: 75 Resp: 179026

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

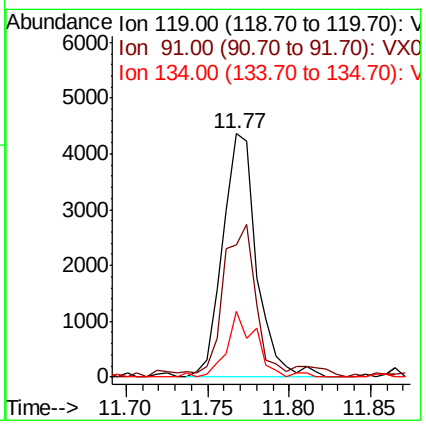


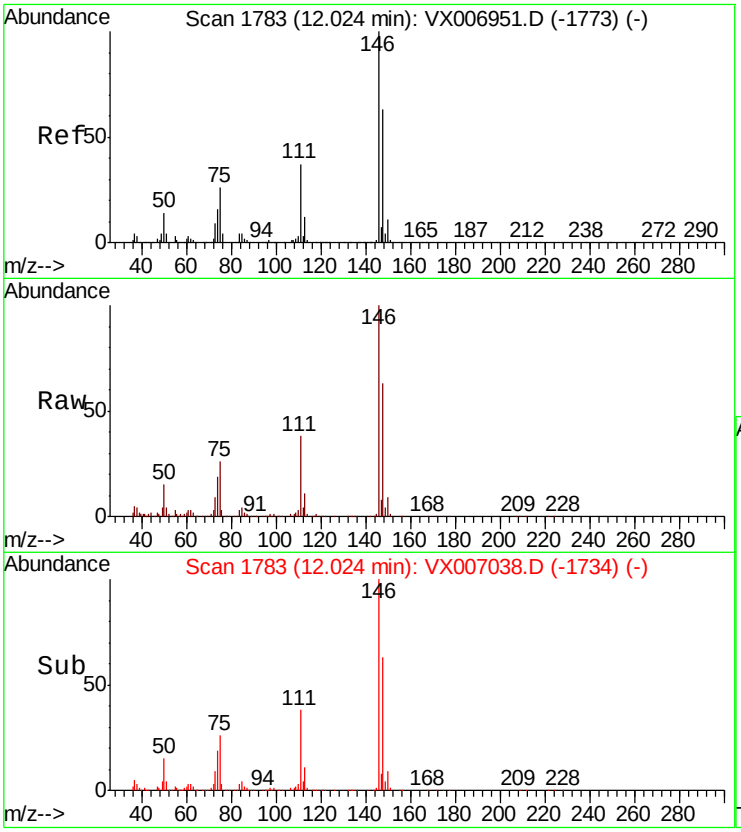


#83
tert-Butylbenzene
Concen: 0.266 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:119 Resp: 6323

Ion	Ratio	Lower	Upper
119	100		
91	55.1	27.7	83.1
134	22.6	11.9	35.5



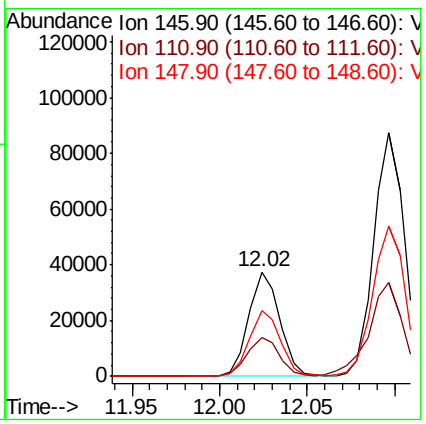


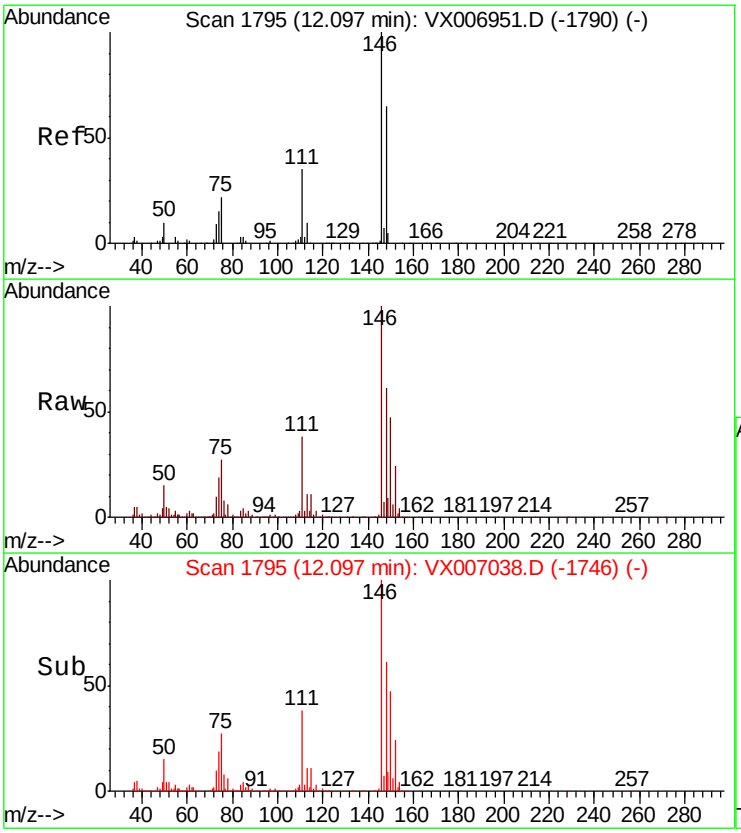
#87
1,3-Dichlorobenzene
Concen: 3.282 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:146 Resp: 46557

Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	63.0	31.8	95.3

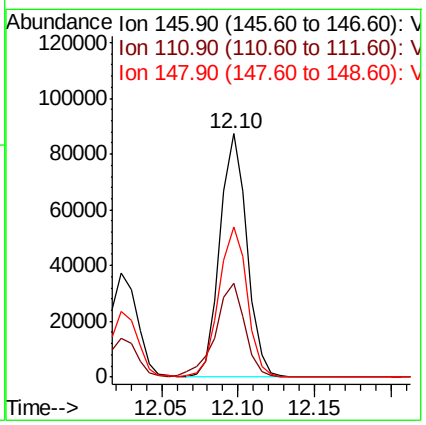


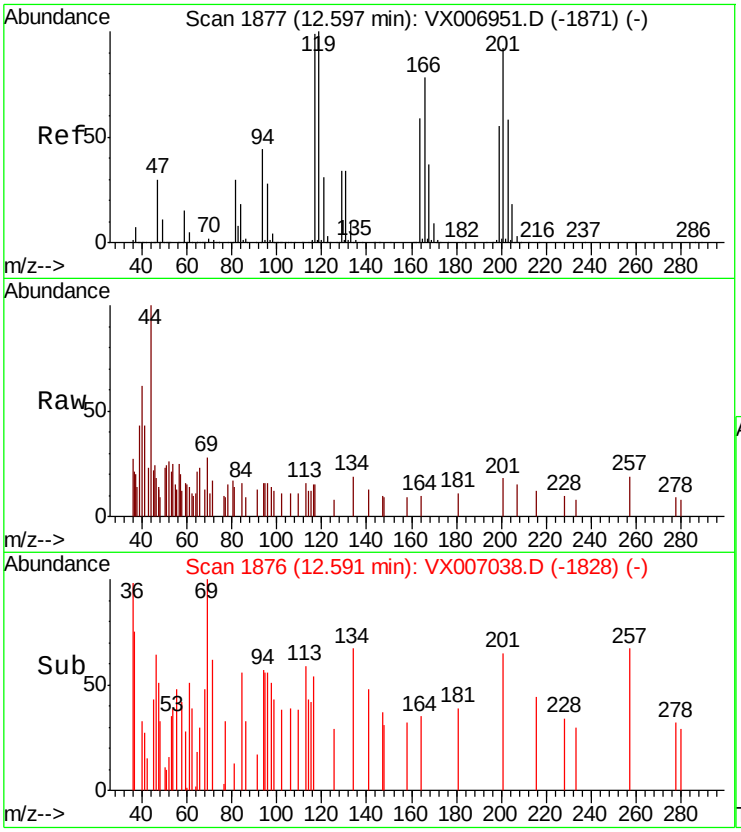


#88
1,4-Dichlorobenzene
Concen: 8.064 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:146 Resp: 106754

Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.1	54.1
148	65.3	31.9	95.9



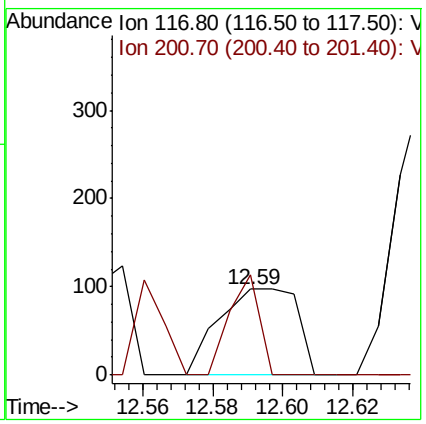


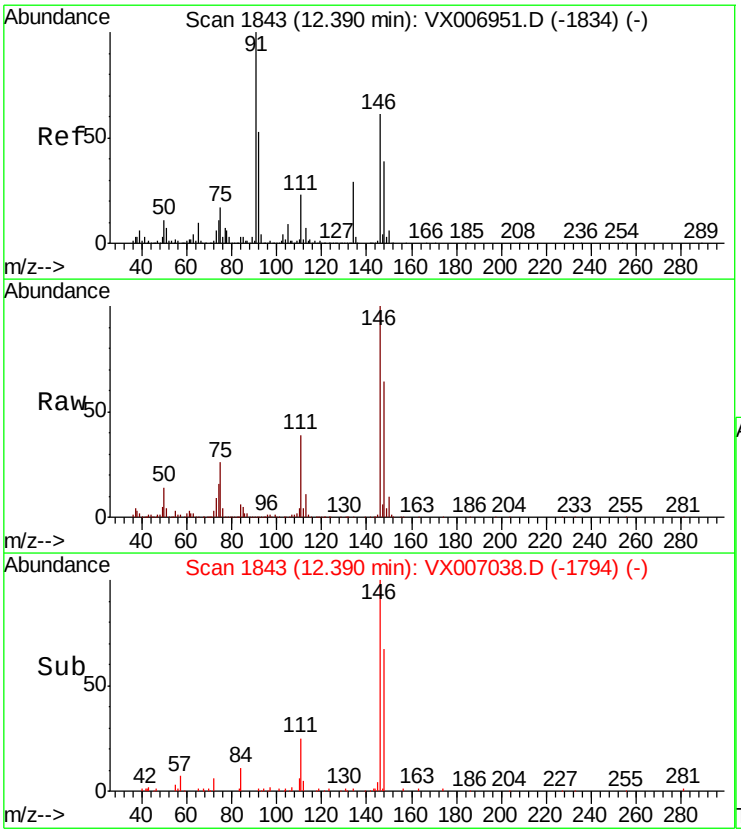
#90
Hexachloroethane
Concen: 2.943 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190109

Tgt Ion:117 Resp: 151

Ion	Ratio	Lower	Upper
117	100		
201	45.0	42.9	128.7





#91
1,2-Dichlorobenzene
Concen: 7.463 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007038.D
Acq: 14 Jan 2019 14:43

Tgt Ion:146 Resp: 104486

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	64.0	32.3	96.9