Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012619\
Data File : VX007252.D
Acq On : 26 Jan 2019 01:34
Operator : JC/SP
Sample : K1238-30
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 28 00:21:32 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	553558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	843531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	834480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	292516	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.12%			
35) Dibromofluoromethane	5.50	113	263209	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
50) Toluene-d8	8.71	98	1049621	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.16%			
62) 4-Bromofluorobenzene	11.13	95	363988	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	3484	0.658	ug/l	92
8) Diethyl Ether	2.19	74	1390	0.380	ug/l	87
11) Tert butyl alcohol	3.07	59	2911	2.133	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	1624	0.319	ug/l	98
13) Acrolein	2.29	56	361	3.690	ug/l #	13
14) Allyl chloride	2.87	41	3823709	438.537	ug/l #	25
16) Acetone	2.45	43	64003	22.379	ug/l	95
18) Methyl Acetate	2.87	43	480784	58.049	ug/l #	52
21) trans-1,2-Dichloroethene	3.17	96	3515	0.620	ug/l #	84
25) 2-Butanone	4.70	43	16213	3.962	ug/l	94
28) Bromochloromethane	5.03	49	2145	0.534	ug/l #	77
29) Tetrahydrofuran	5.16	42	15846	5.958	ug/l	99
31) Cyclohexane	5.66	56	9111	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	34196	4.663	ug/l #	49
38) Carbon Tetrachloride	5.66	117	48909	6.628	ug/l #	14
43) Isopropyl Acetate	6.46	43	24839	2.003	ug/l	94
48) Methyl methacrylate	7.68	41	12428	1.951	ug/l #	12
49) 1,4-Dioxane	7.74	88	177	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	129944	16.304	ug/l #	47
54) cis-1,3-Dichloropropene	8.62	75	62610	7.597	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	15792	1.674	ug/l #	46
59) 2-Hexanone	9.54	43	205282	33.798	ug/l #	50
68) m/p-Xylenes	10.35	106	3093	0.261	ug/l	86
76) 1,2,3-Trichloropropane	11.13	75	177124	21.969	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	177124	65.067	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	11154	0.473	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1179	0.234	ug/l #	1
90) Hexachloroethane	12.58	117	194	2.954	ug/l #	6
95) Naphthalene	13.83	128	31446	1.097	ug/l	97

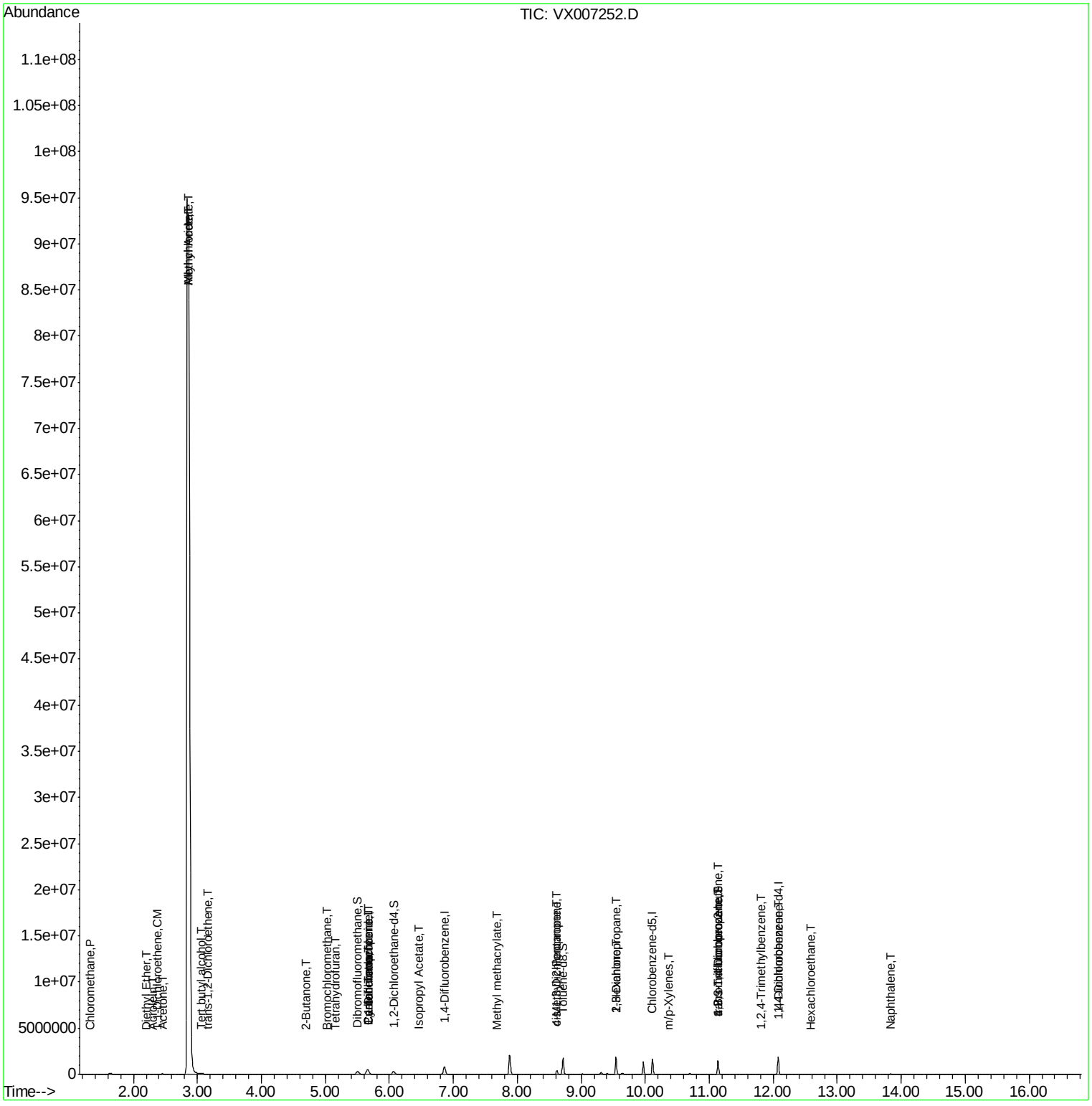
(#) = qualifier out of range (m) = manual integration (+) = signals summed

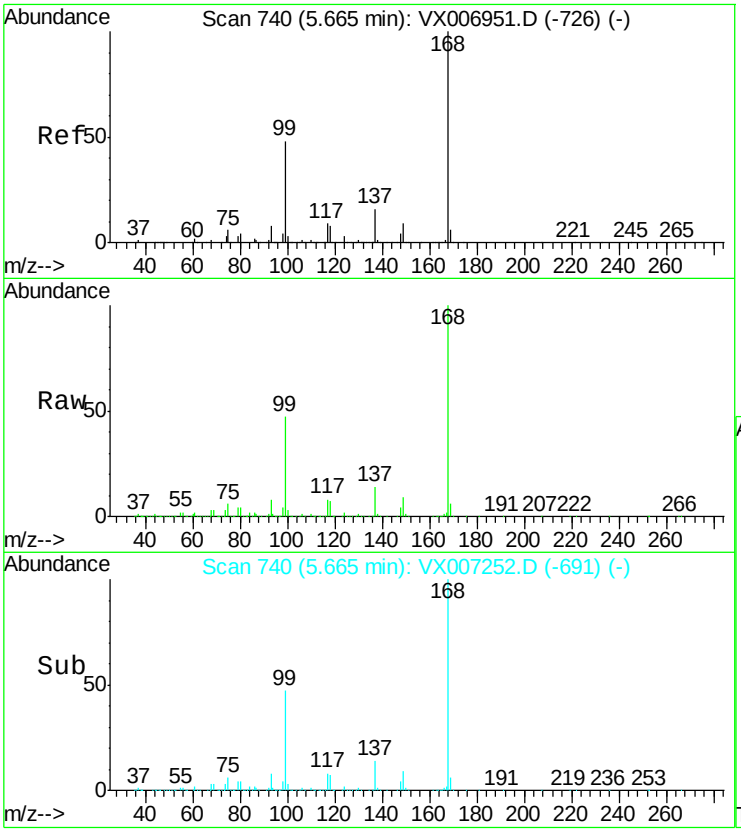
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012619\
Data File : VX007252.D
Acq On : 26 Jan 2019 01:34
Operator : JC/SP
Sample : K1238-30
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 00:21:32 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

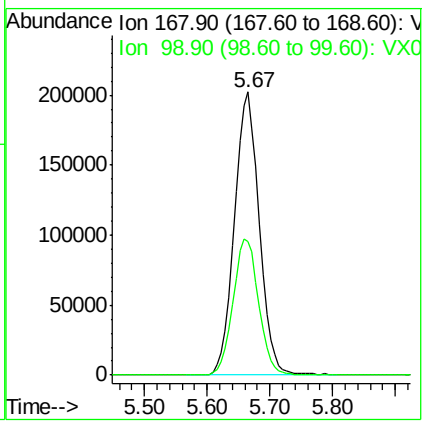




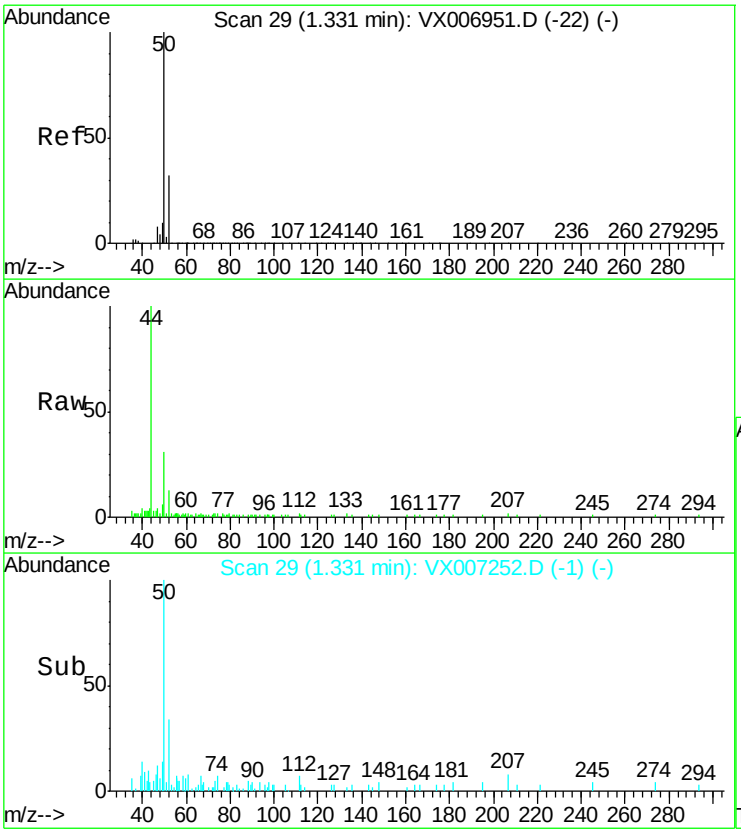
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion:168 Resp: 553558

Ion	Ratio	Lower	Upper
168	100		
99	47.0	41.8	62.8



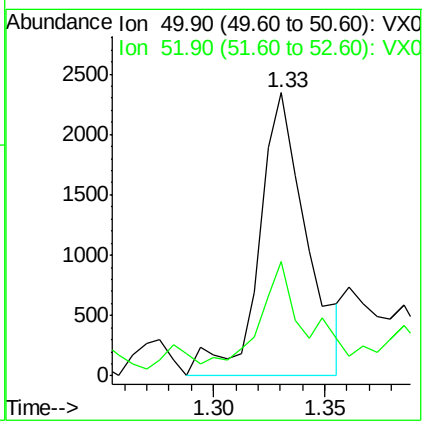
Instrument :
MSVOA_X
ClientSampleId :

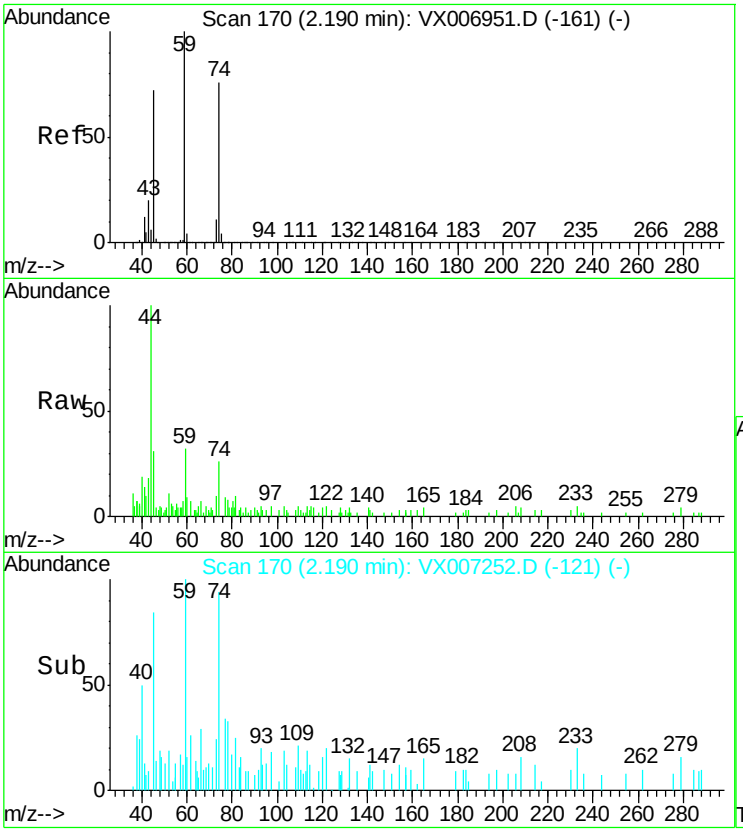


#3
Chloromethane
Concen: 0.658 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 50 Resp: 3484

Ion	Ratio	Lower	Upper
50	100		
52	27.4	25.4	38.2



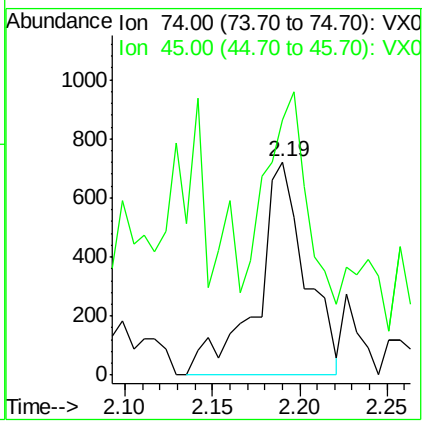


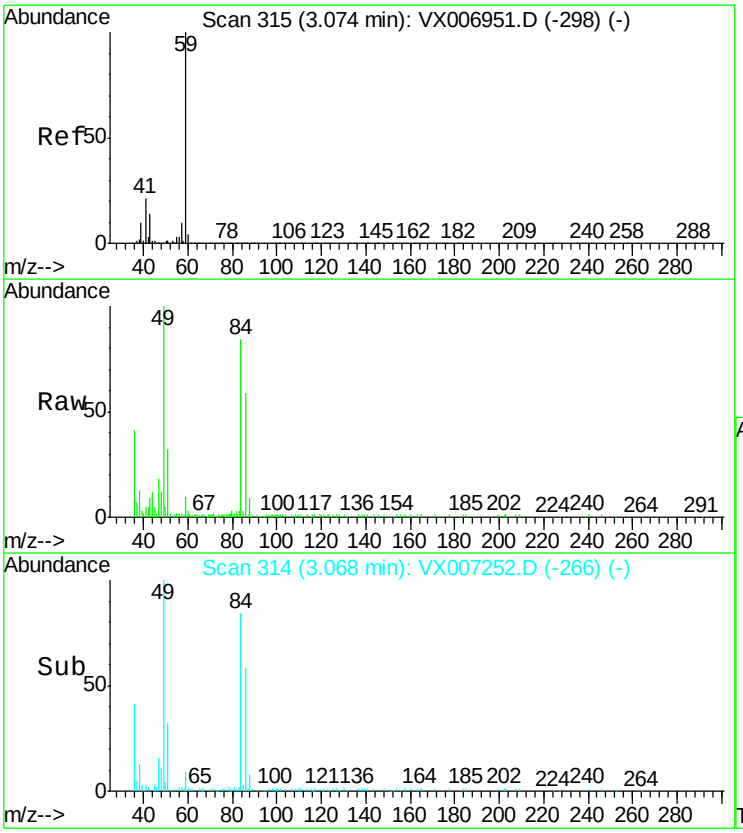
#8
Diethyl Ether
Concen: 0.380 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 1390

Ion	Ratio	Lower	Upper
74	100		
45	80.5	46.3	138.9

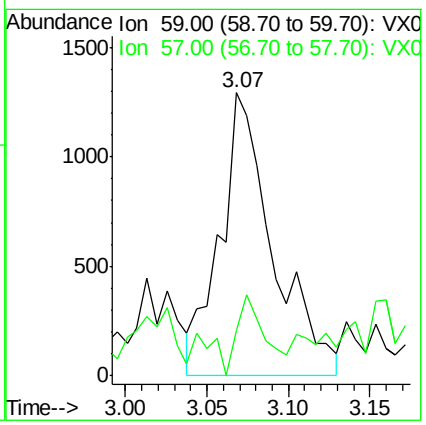


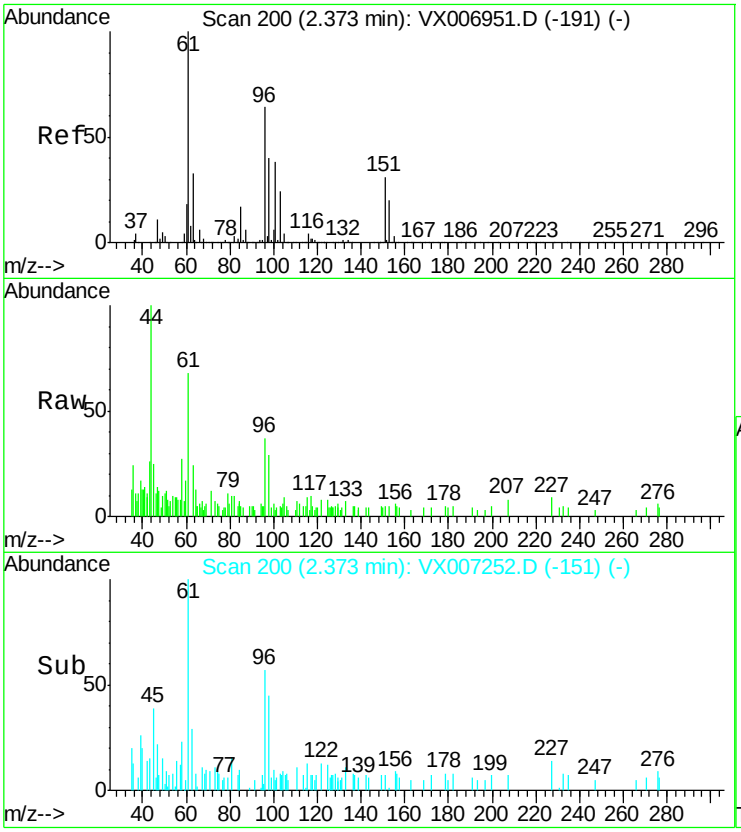


#11
Tert butyl alcohol
Concen: 2.133 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 59 Resp: 2911

Ion	Ratio	Lower	Upper
59	100		
57	15.3	8.5	12.7#



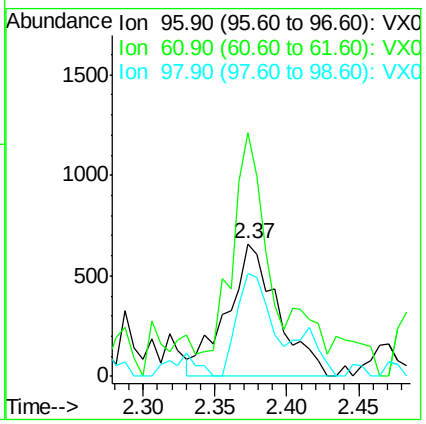


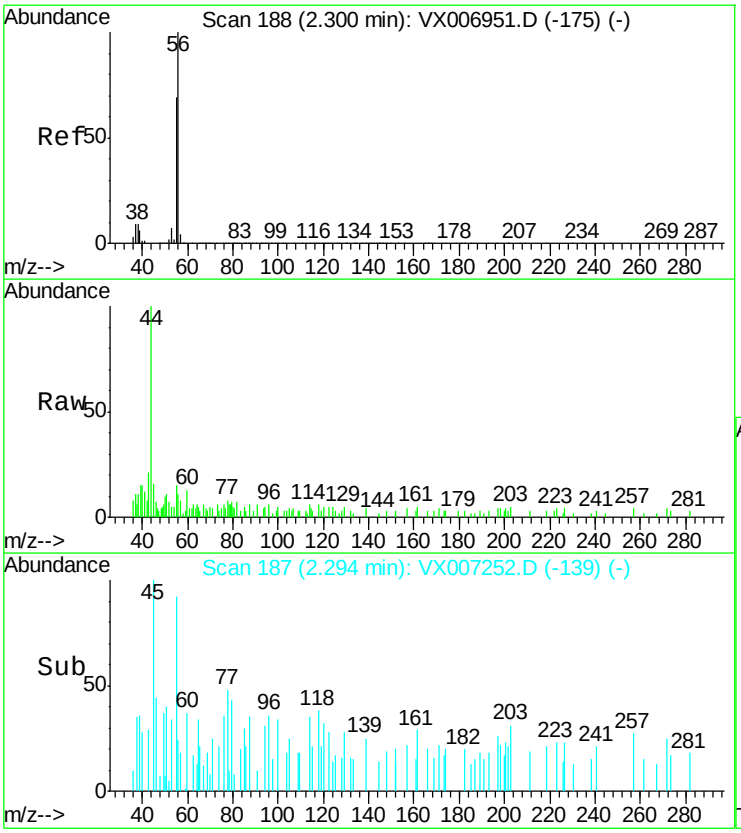
#12
1,1-Dichloroethene
Concen: 0.319 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1624

Ion	Ratio	Lower	Upper
96	100		
61	153.1	121.4	182.2
98	61.1	51.9	77.9

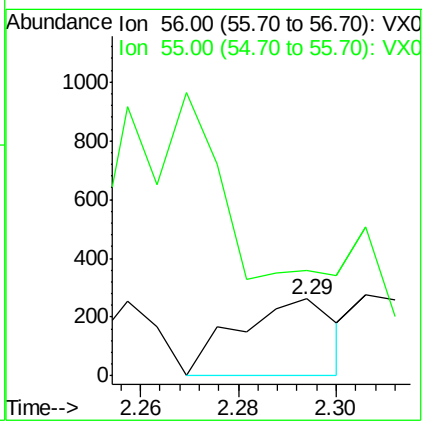


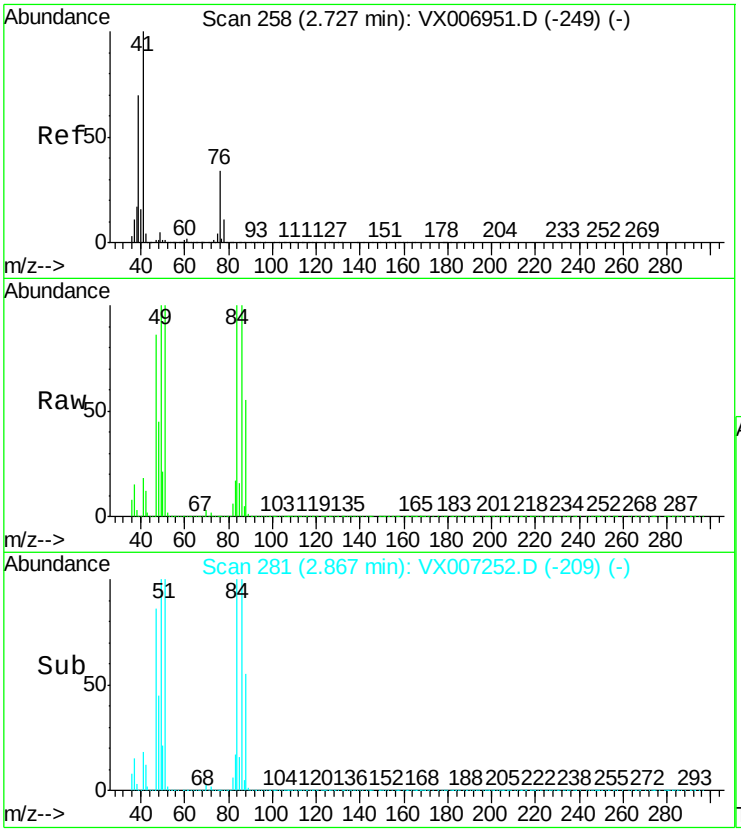


#13
Acrolein
Concen: 3.690 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.4#



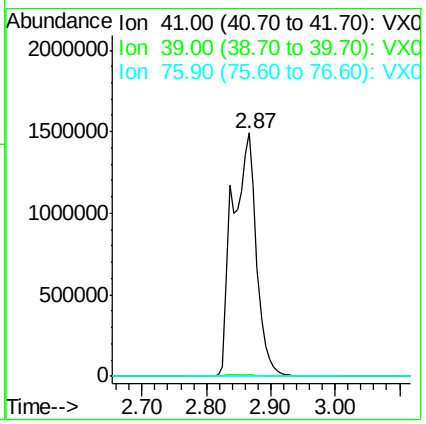


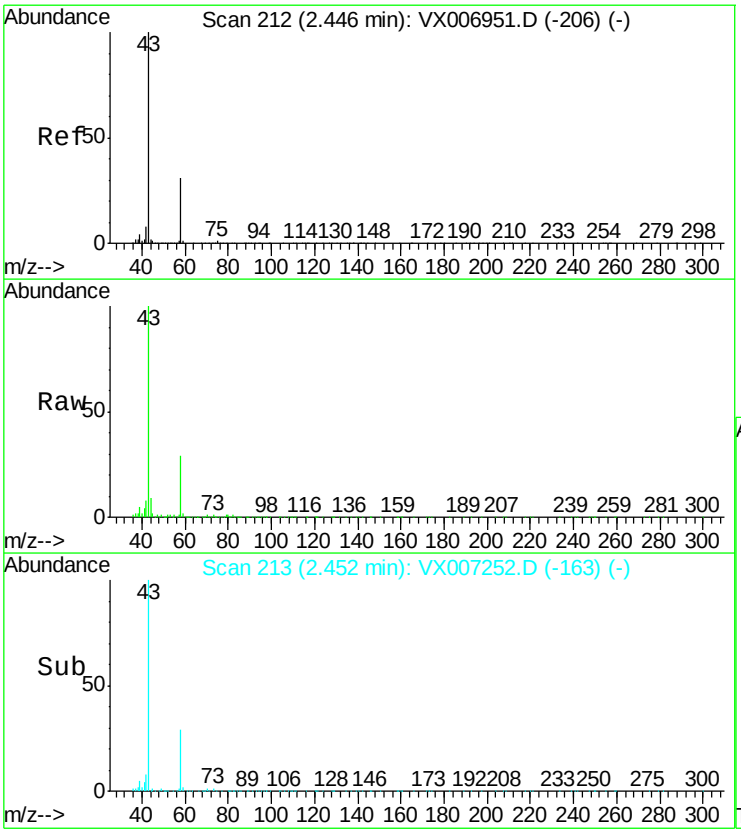
#14
Allyl chloride
Concen: 438.537 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.14 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 3823709

Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
76	0.0	27.4	41.2#

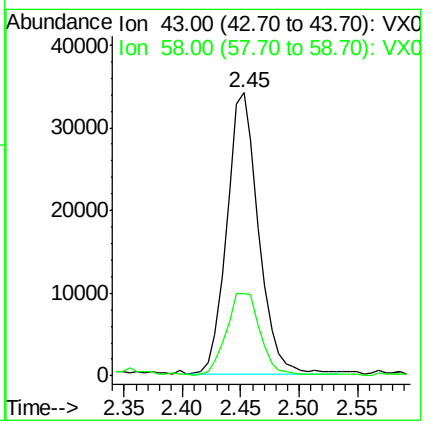


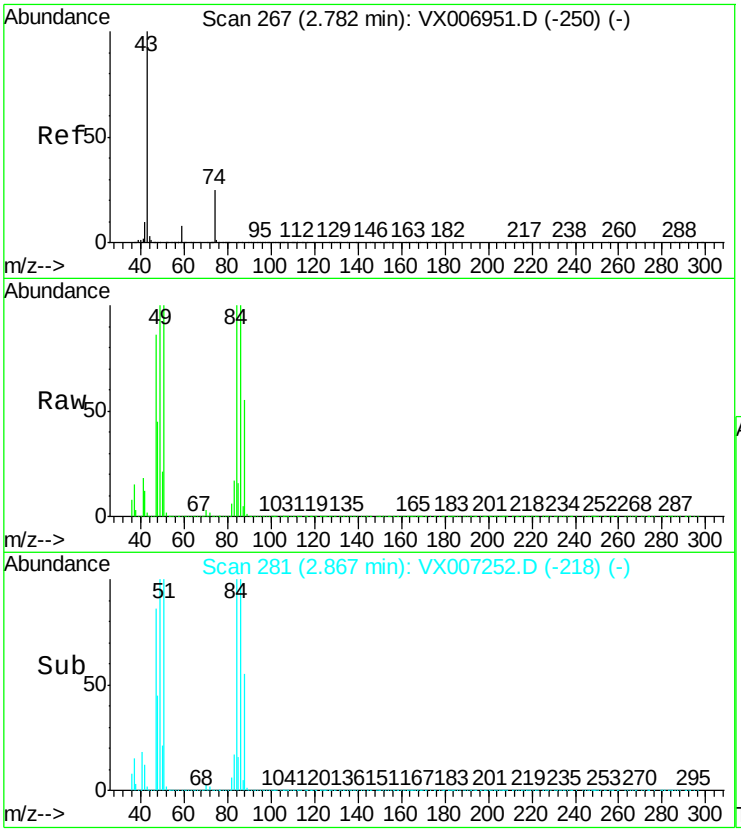


#16
Acetone
Concen: 22.379 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 43 Resp: 64003

Ion	Ratio	Lower	Upper
43	100		
58	28.7	25.0	37.6



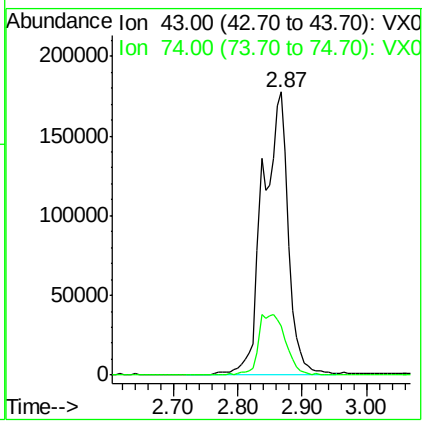


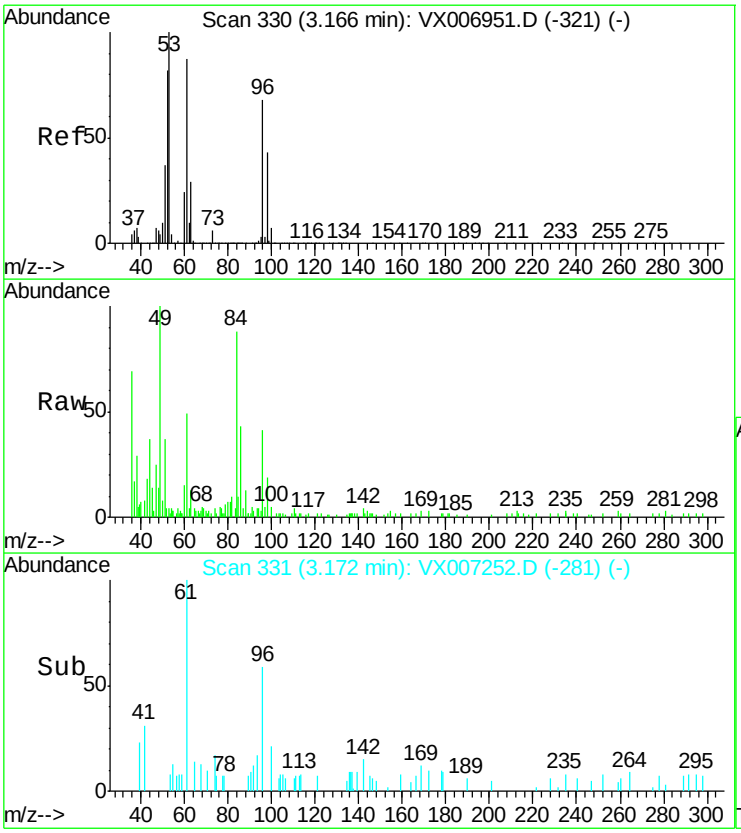
#18
Methyl Acetate
Concen: 58.049 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.09 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 480784

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	28.0#

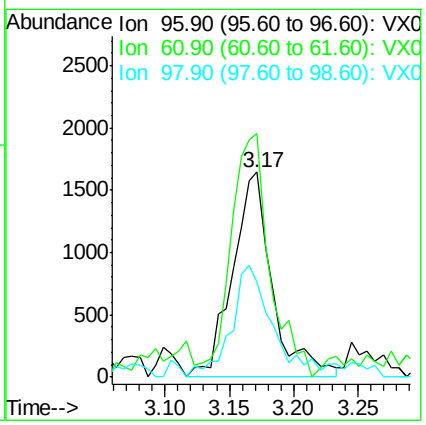


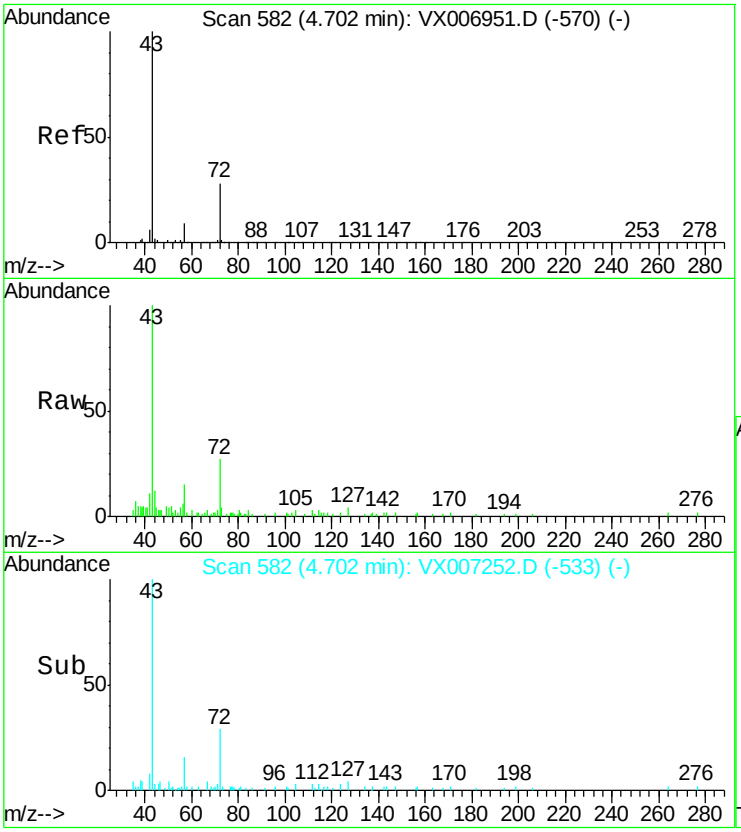


#21
trans-1,2-Dichloroethene
Concen: 0.620 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 96 Resp: 3515

Ion	Ratio	Lower	Upper
96	100		
61	113.6	103.7	155.5
98	48.8	51.0	76.6#



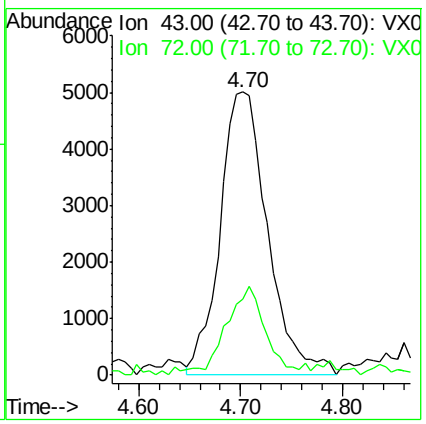


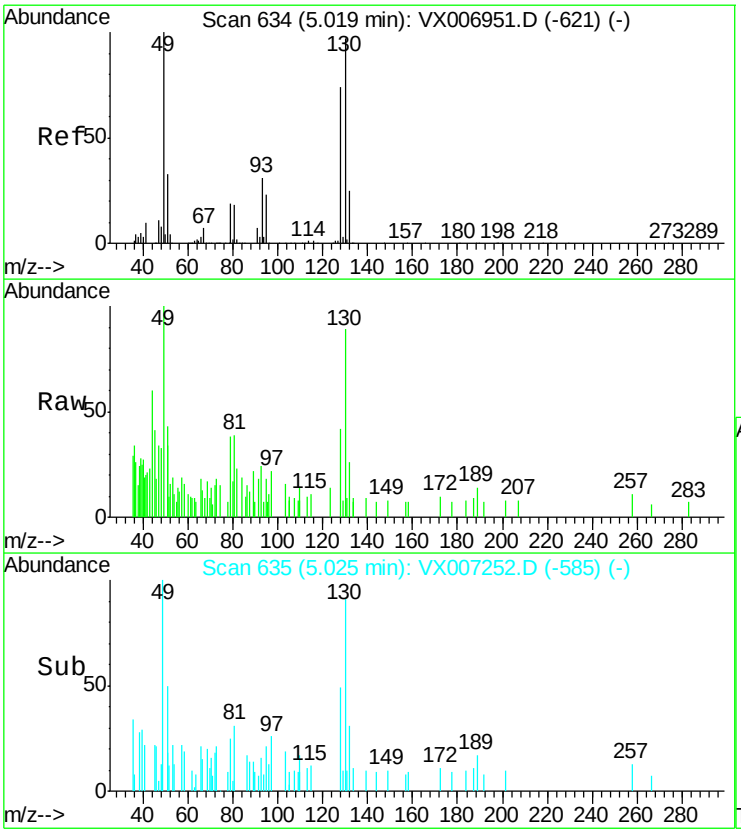
#25
2-Butanone
Concen: 3.962 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 16213

Ion	Ratio	Lower	Upper
43	100		
72	25.0	22.4	33.6

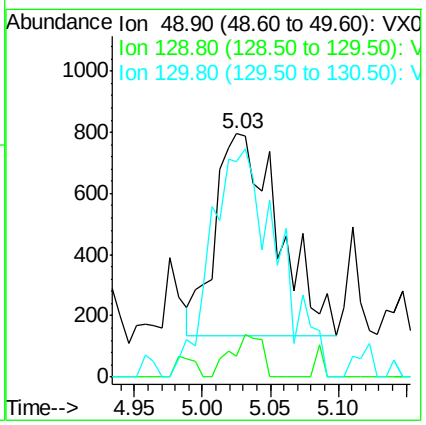


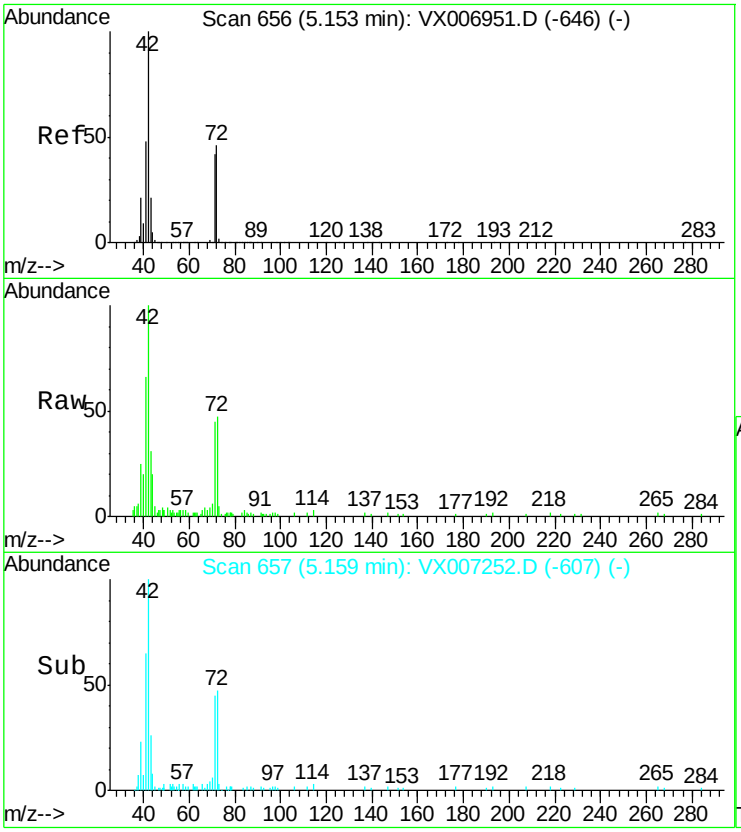


#28
Bromochloromethane
Concen: 0.534 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 49 Resp: 2145

Ion	Ratio	Lower	Upper
49	100		
129	10.2	0.0	5.4#
130	119.3	77.7	116.5#



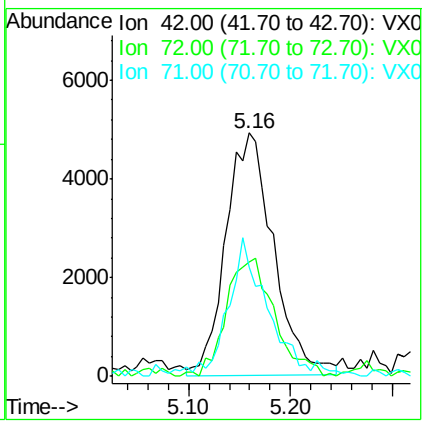


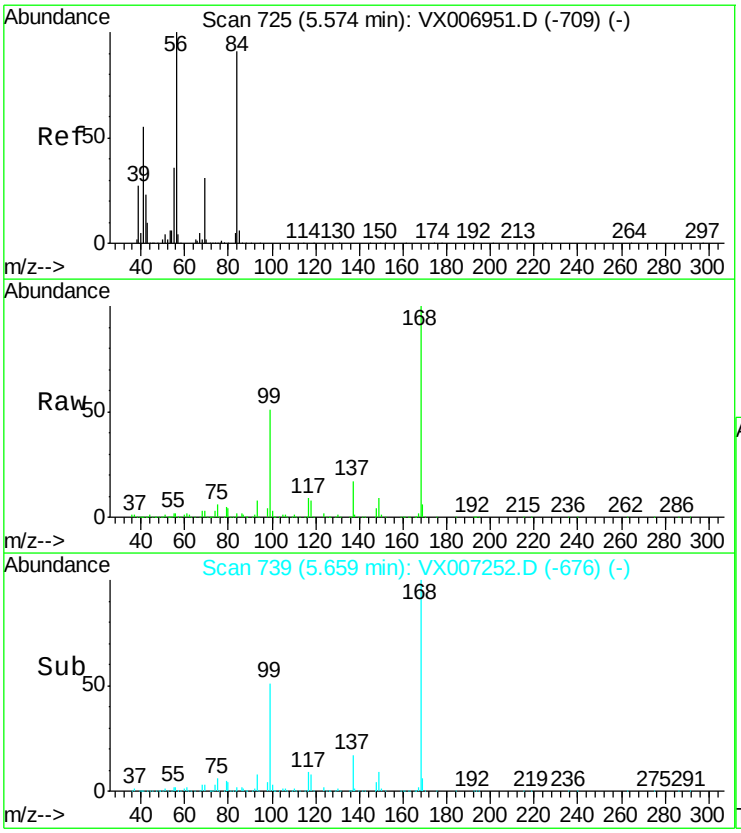
#29
Tetrahydrofuran
Concen: 5.958 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 15846

Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.9	58.3
71	44.4	36.2	54.4

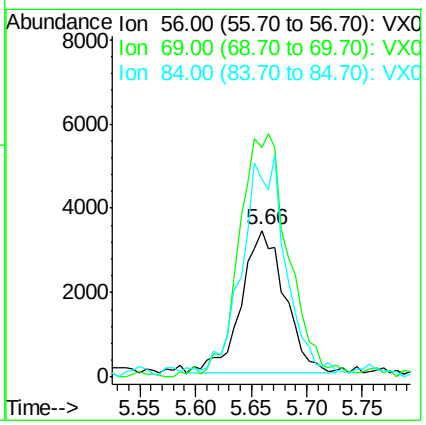


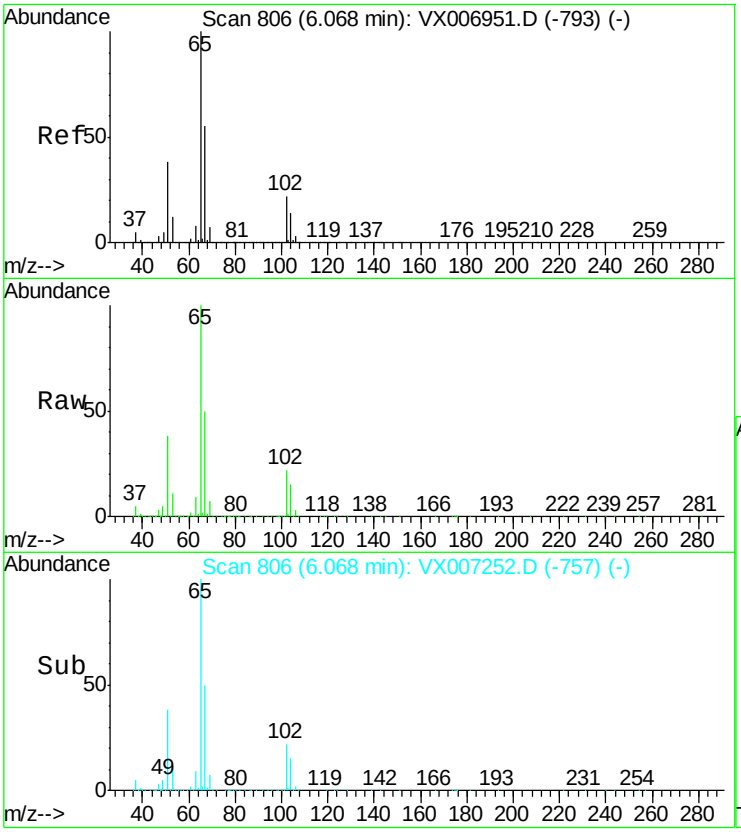


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 56 Resp: 9111

Ion	Ratio	Lower	Upper
56	100		
69	160.1	24.4	36.6#
84	134.3	70.0	105.0#



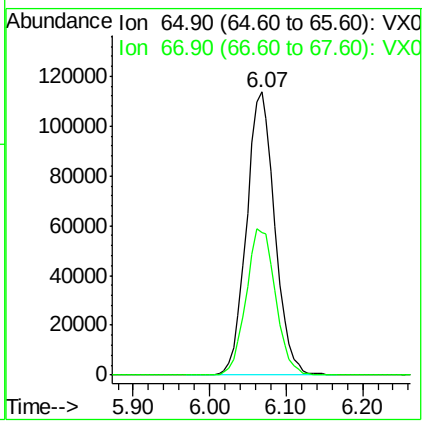


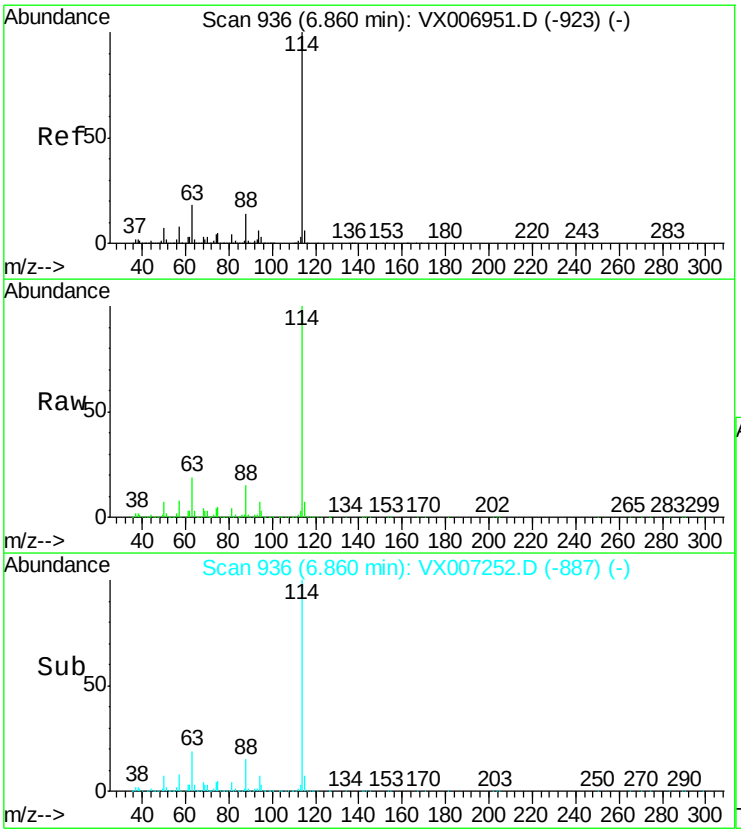
#33
1,2-Dichloroethane-d4
Concen: 50.563 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 292516

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0

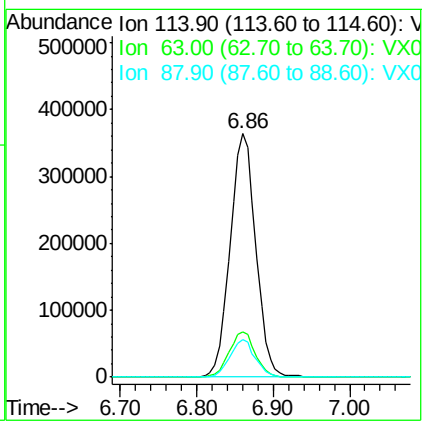


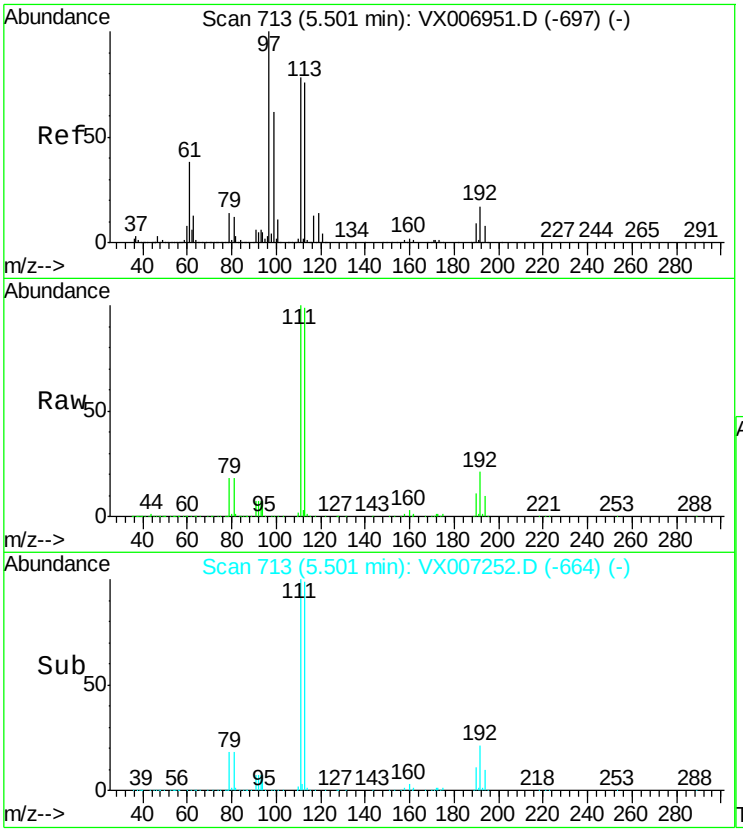


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion:114 Resp: 843531

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	15.3	0.0	28.8



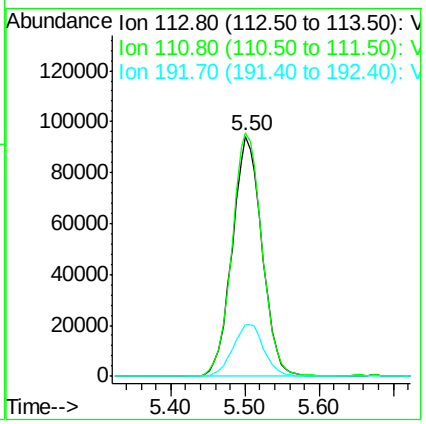


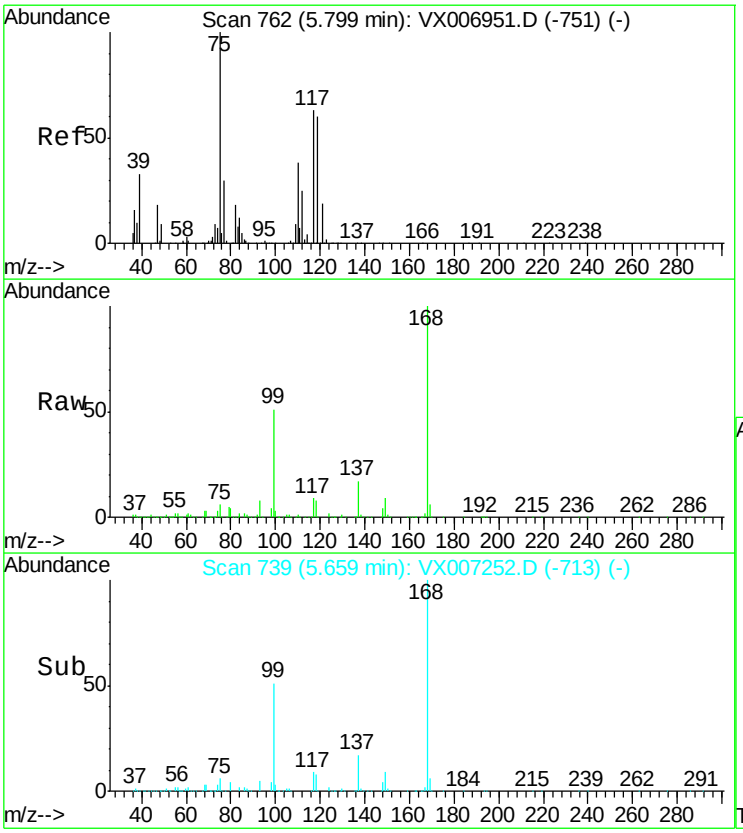
#35
Dibromofluoromethane
Concen: 48.725 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 263209

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	22.4	16.7	25.1

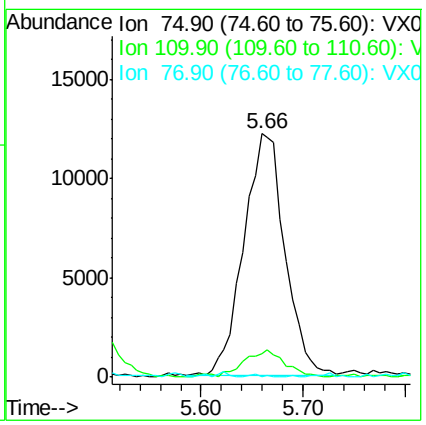


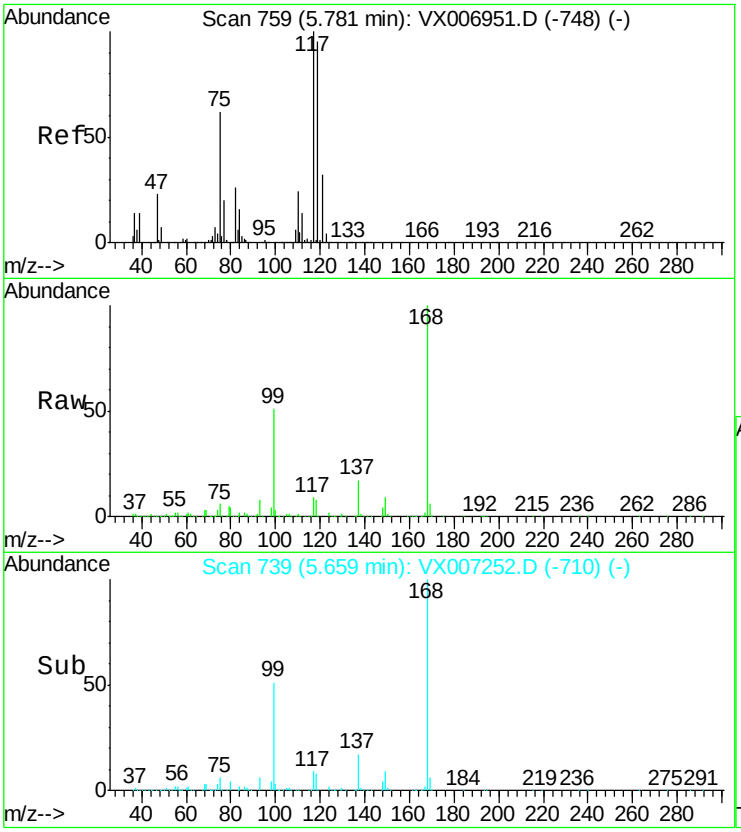


#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 75 Resp: 34196

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.2	60.5#
77	0.3	24.8	37.2#



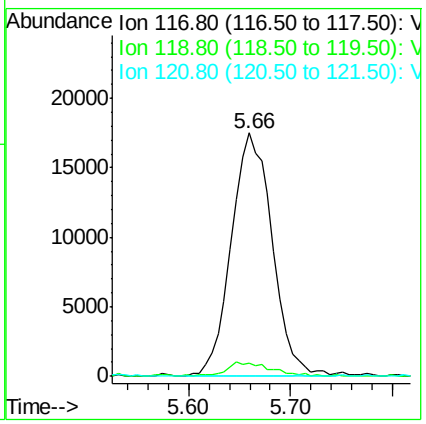


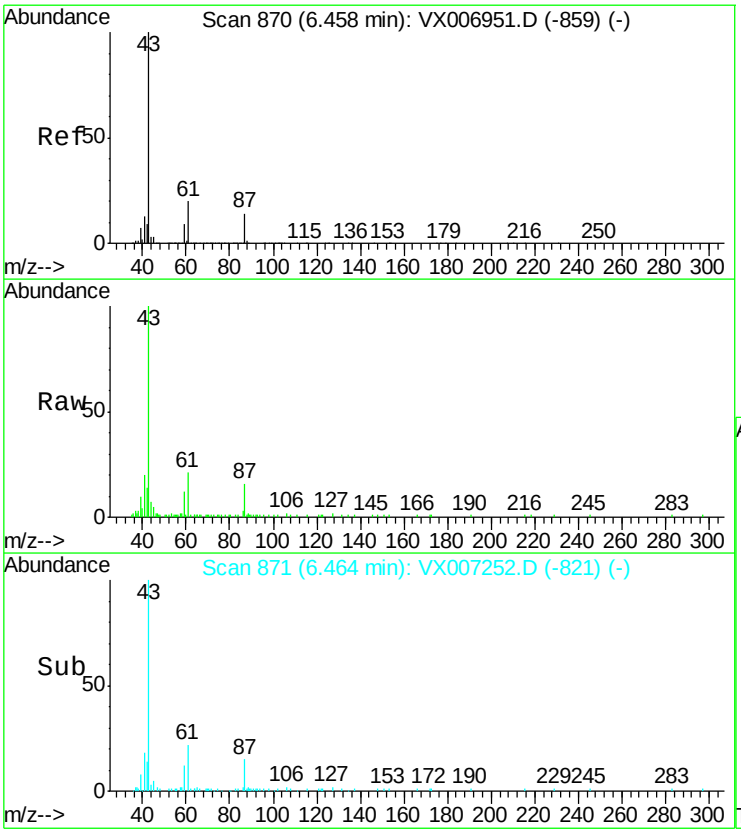
#38
Carbon Tetrachloride
Concen: 6.628 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 48909

Ion	Ratio	Lower	Upper
117	100		
119	4.6	79.4	119.2#
121	0.0	24.0	36.0#

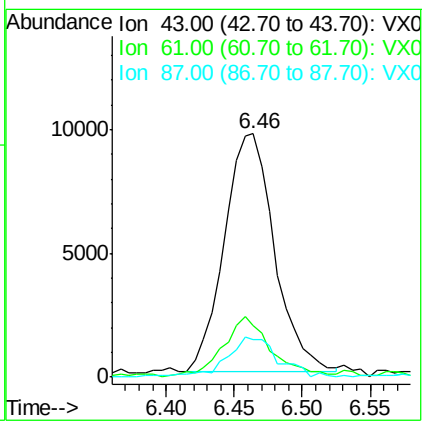


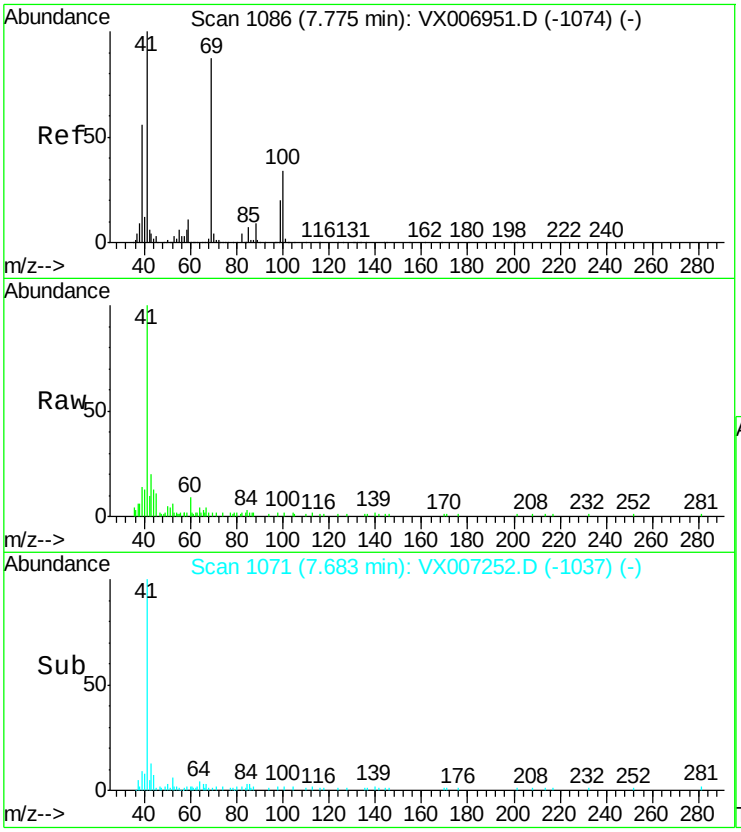


#43
Isopropyl Acetate
Concen: 2.003 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 43 Resp: 24839

Ion	Ratio	Lower	Upper
43	100		
61	24.3	16.8	25.2
87	17.4	12.4	18.6



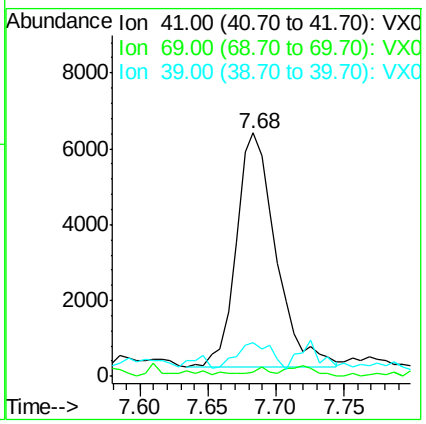


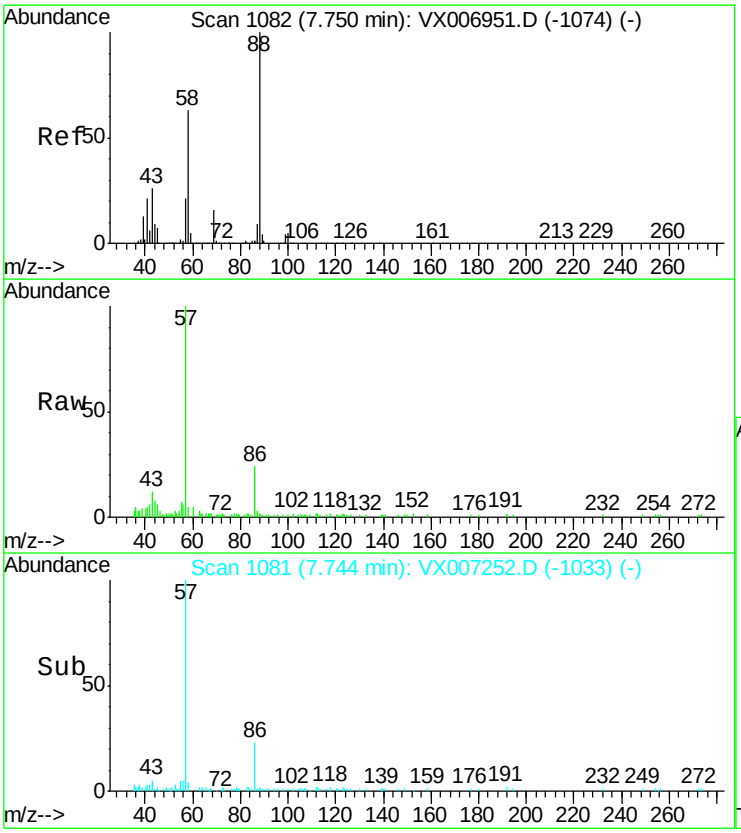
#48
Methyl methacrylate
Concen: 1.951 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 12428

Ion	Ratio	Lower	Upper
41	100		
69	1.4	72.4	108.6#
39	0.0	45.8	68.8#

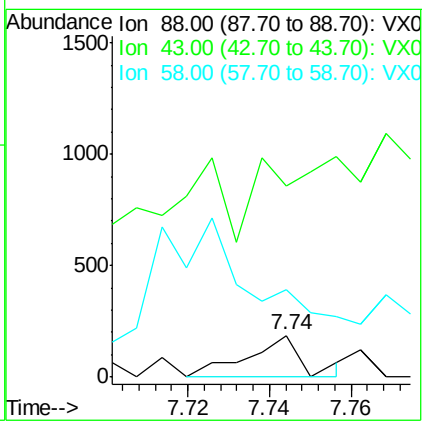


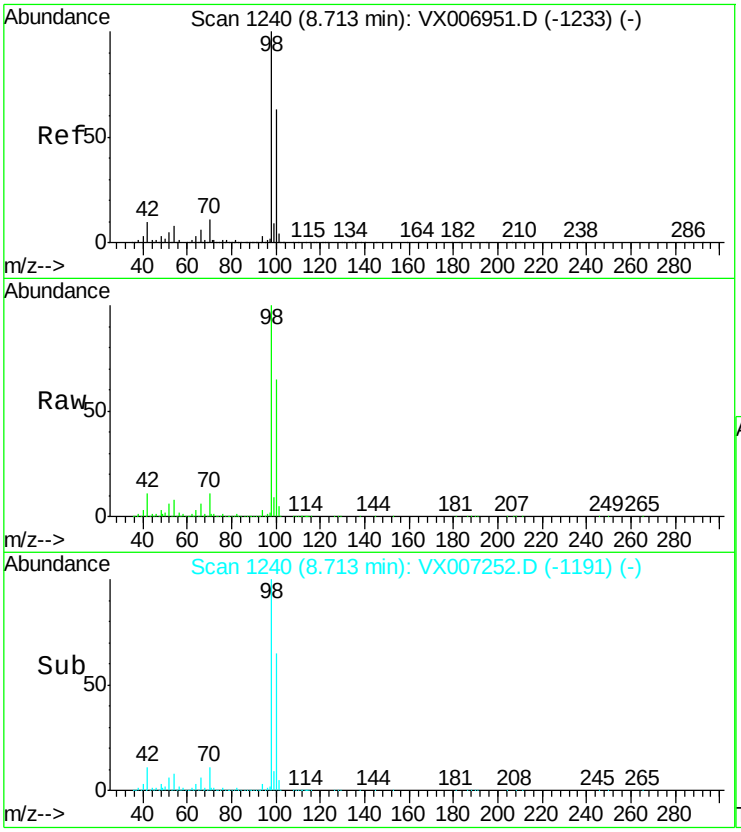


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 88 Resp: 177

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



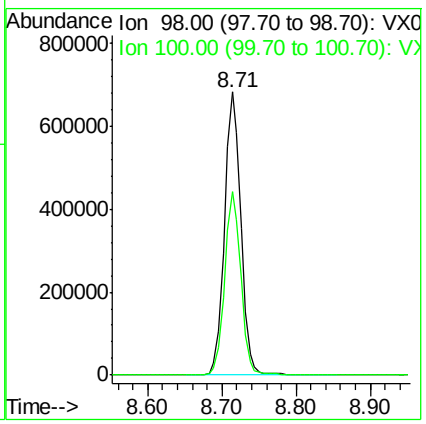


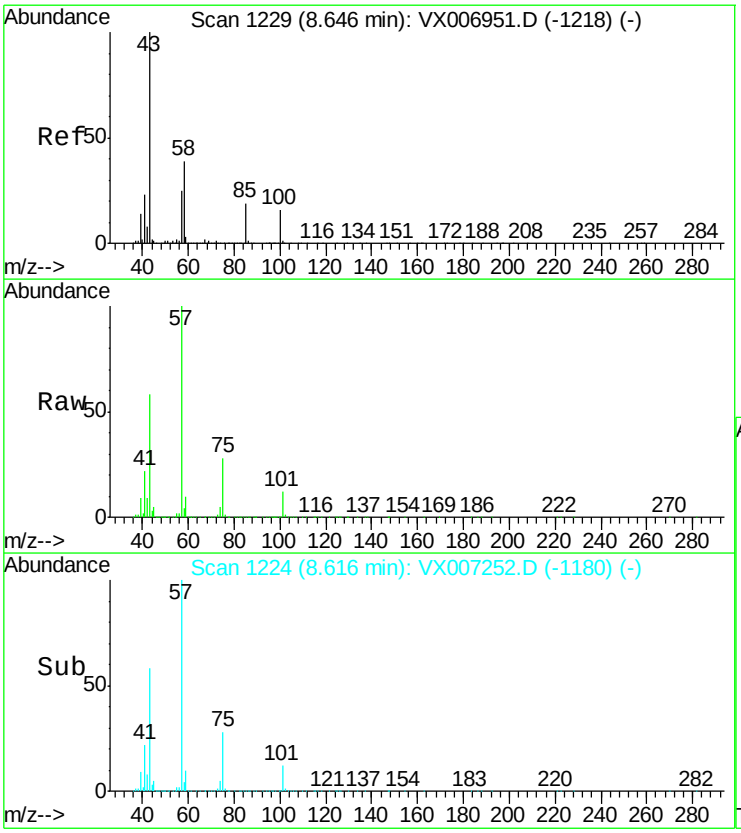
#50
Toluene-d8
Concen: 53.084 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1049621

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

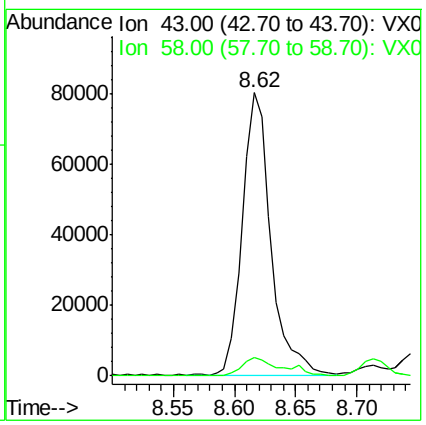


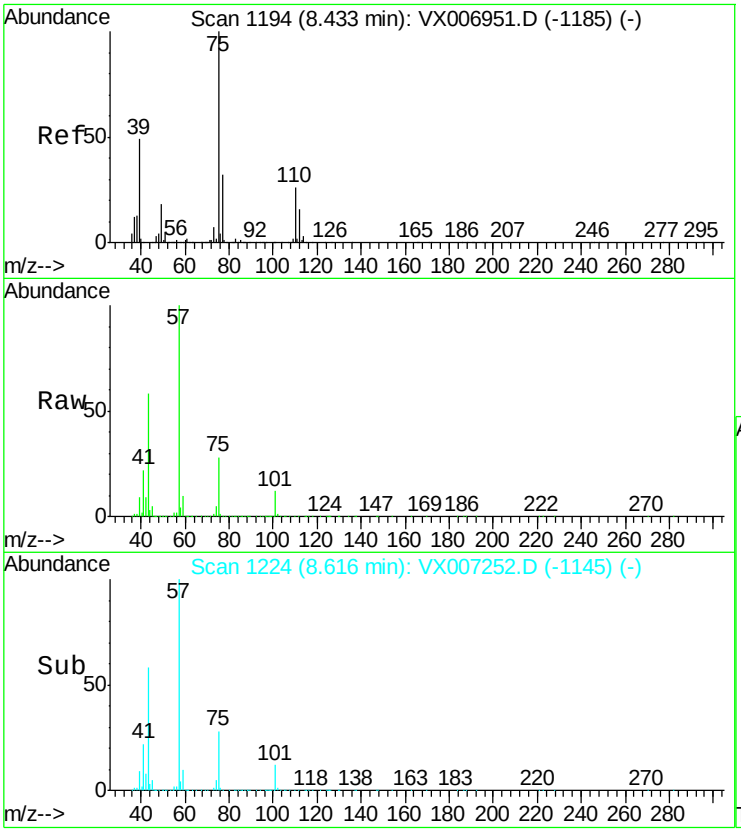


#51
4-Methyl-2-Pentanone
Concen: 16.304 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 43 Resp: 129944

Ion	Ratio	Lower	Upper
43	100		
58	7.3	31.8	47.6#



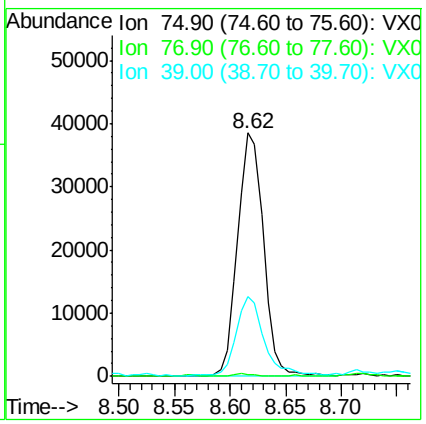


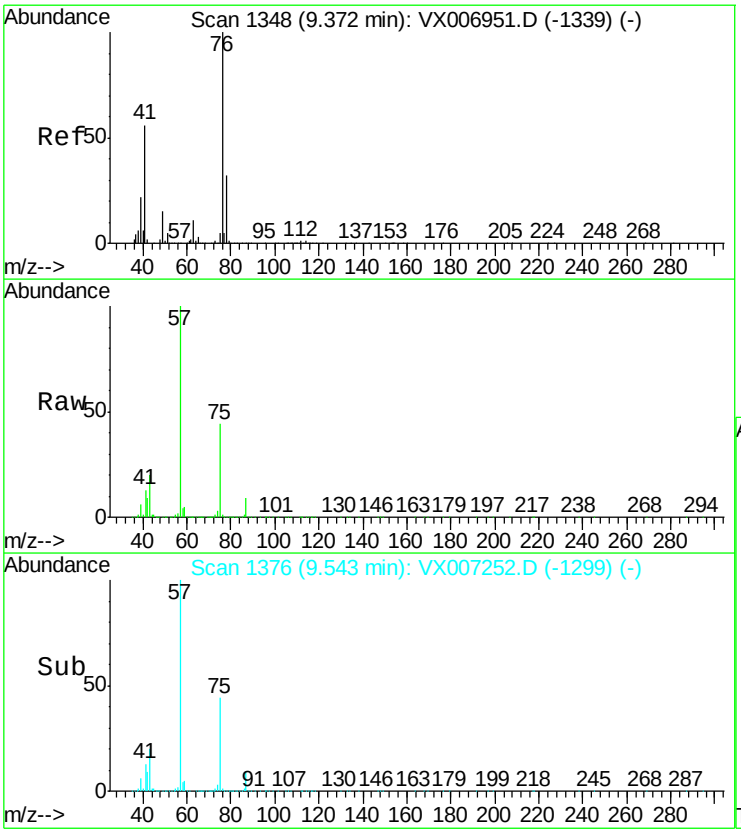
#54
cis-1,3-Dichloropropene
Concen: 7.597 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62610

Ion	Ratio	Lower	Upper
75	100		
77	0.3	26.2	39.2#
39	32.5	36.7	55.1#

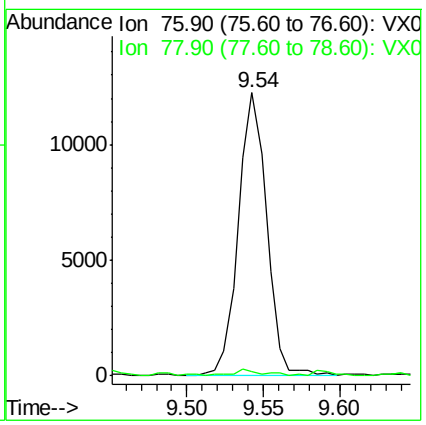


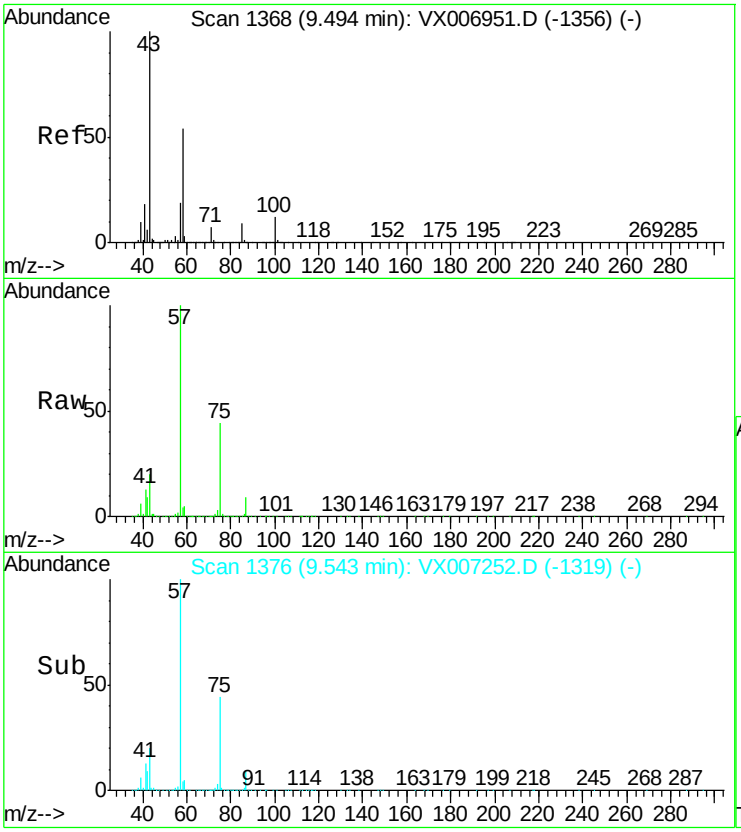


#57
1,3-Dichloropropane
Concen: 1.674 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 76 Resp: 15792

Ion	Ratio	Lower	Upper
76	100		
78	2.4	26.0	39.0#



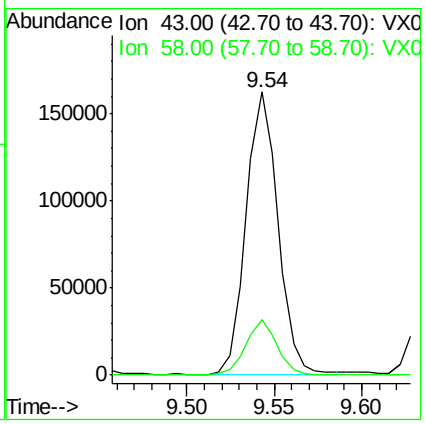


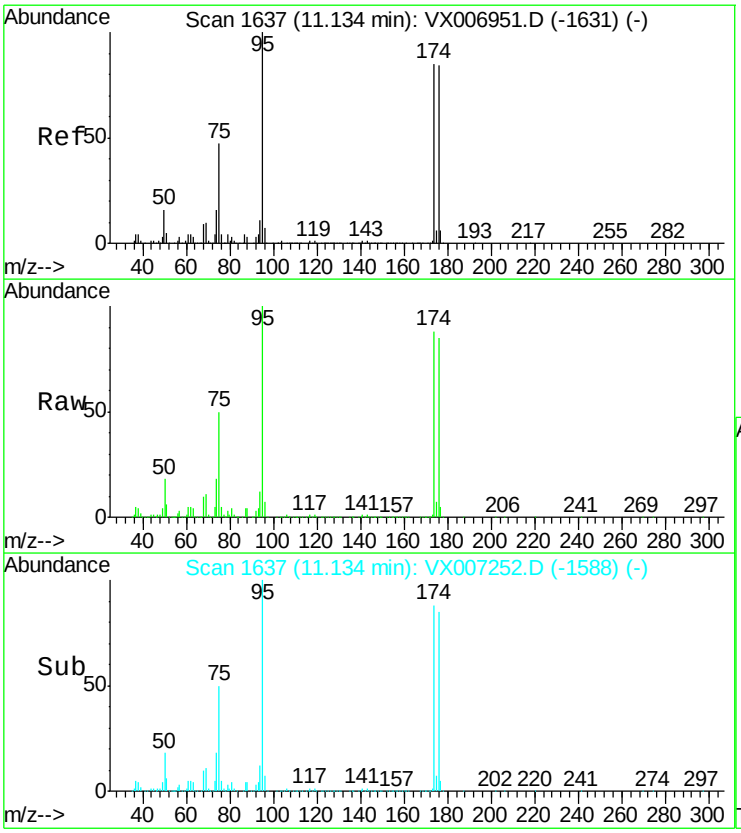
#59
2-Hexanone
Concen: 33.798 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 205282

Ion	Ratio	Lower	Upper
43	100		
58	19.3	27.7	83.1#

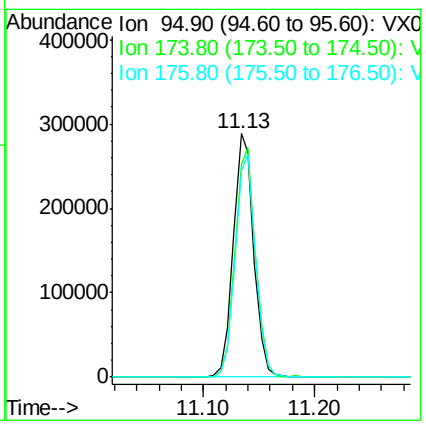


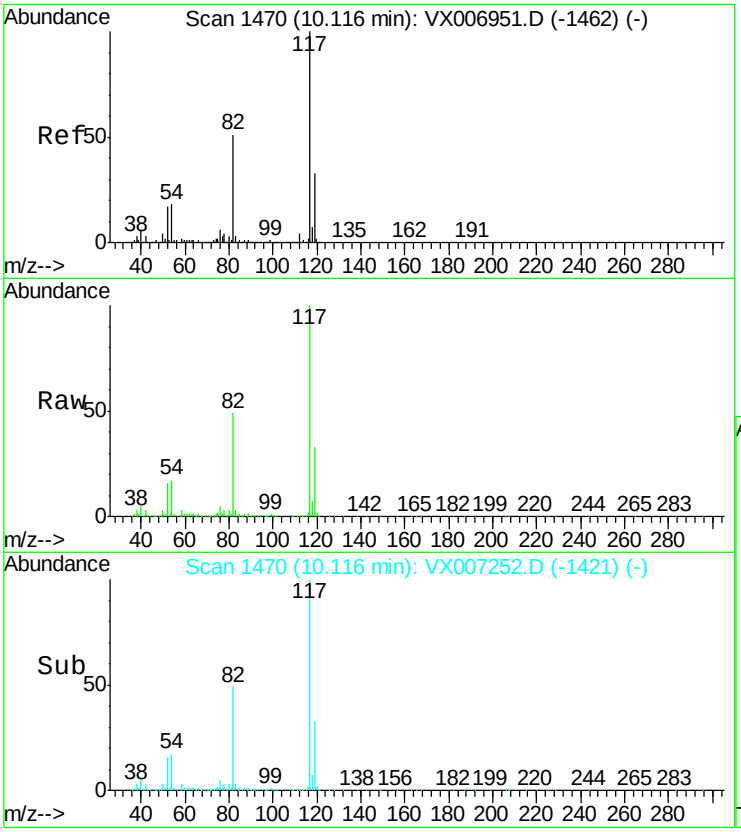


#62
4-Bromofluorobenzene
Concen: 52.804 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 95 Resp: 363988

Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	182.2
176	91.8	0.0	178.8



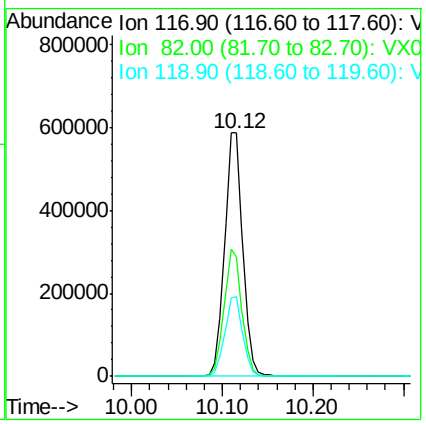


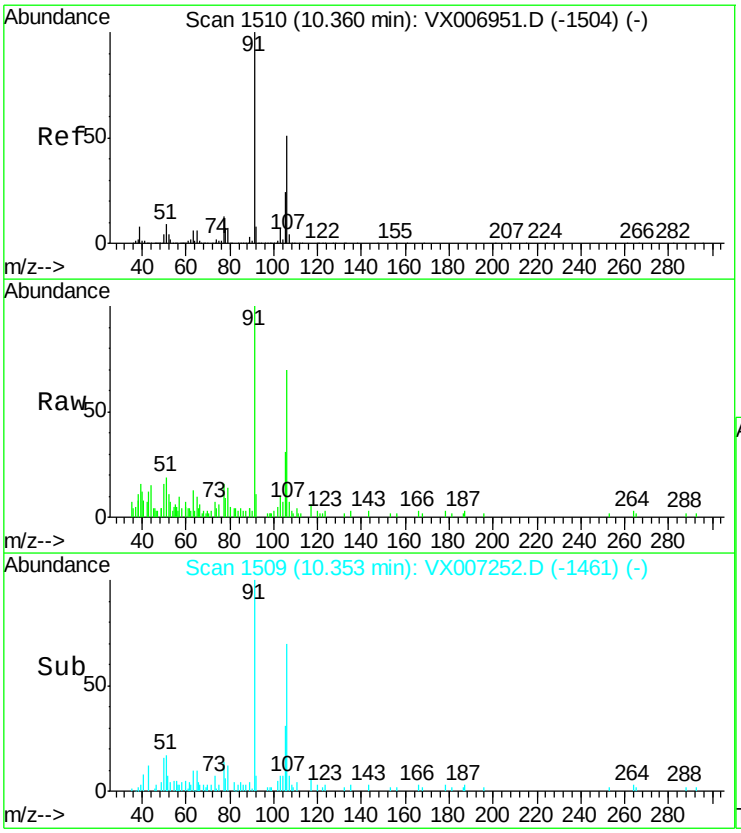
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 834480

Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.0	61.6
119	32.8	25.4	38.0

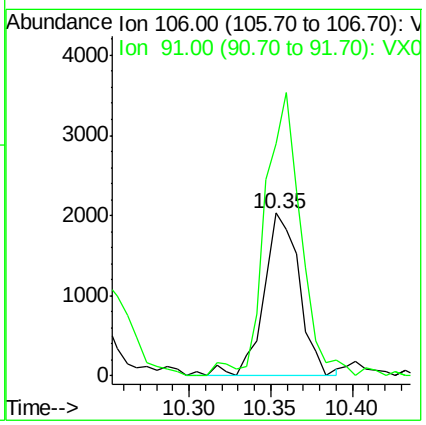


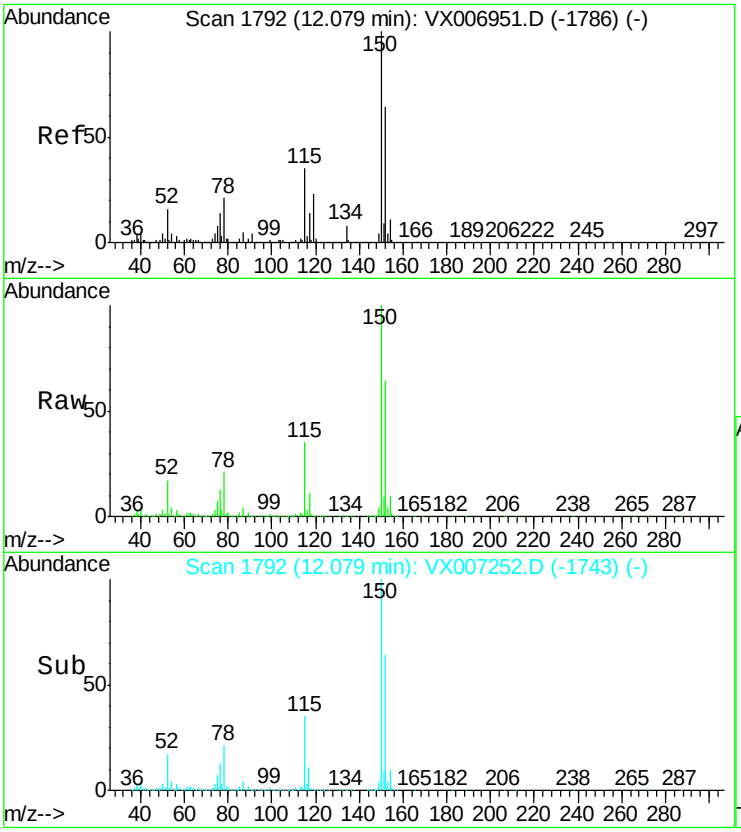


#68
m/p-Xylenes
Concen: 0.261 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion:106 Resp: 3093

Ion	Ratio	Lower	Upper
106	100		
91	174.1	155.8	233.6



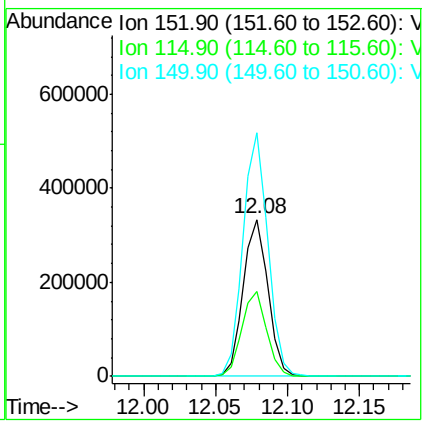


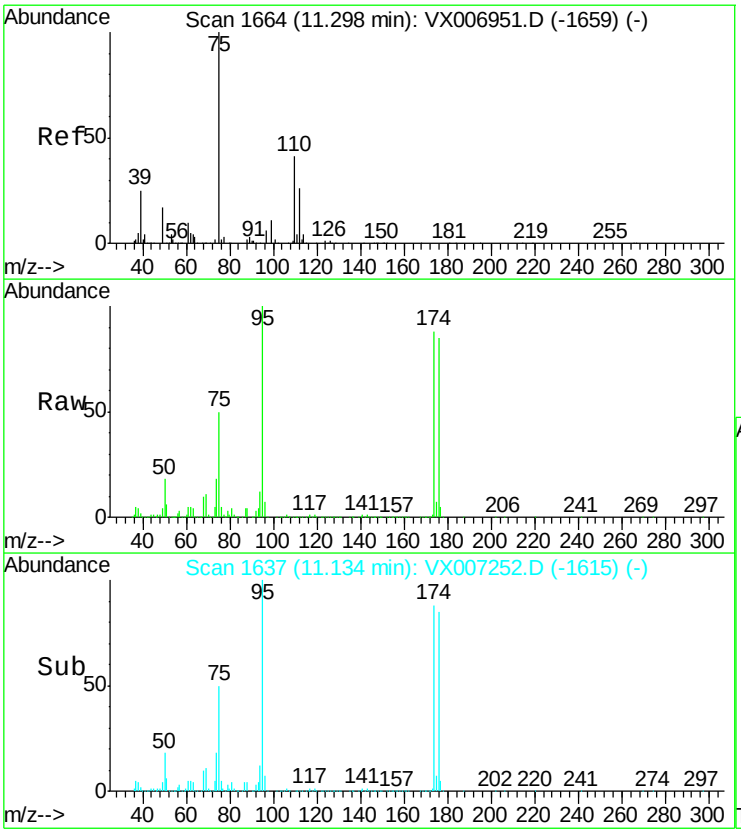
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 397852

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.2
150	154.8	0.0	344.8

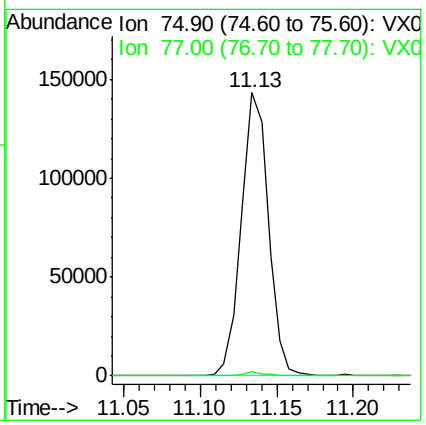


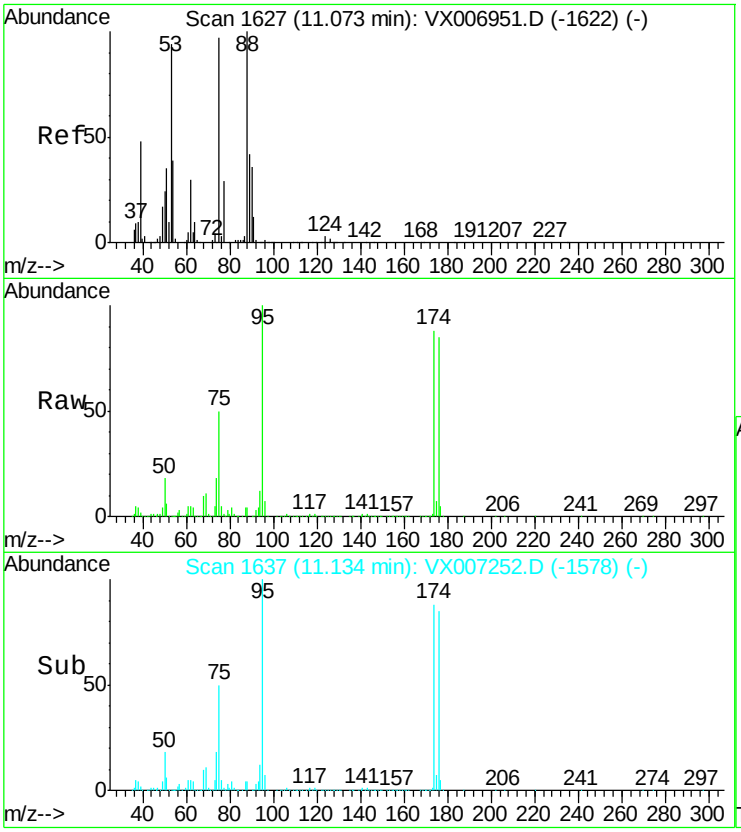


#76
1,2,3-Trichloropropane
Concen: 21.969 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion: 75 Resp: 177124

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.5	55.5#



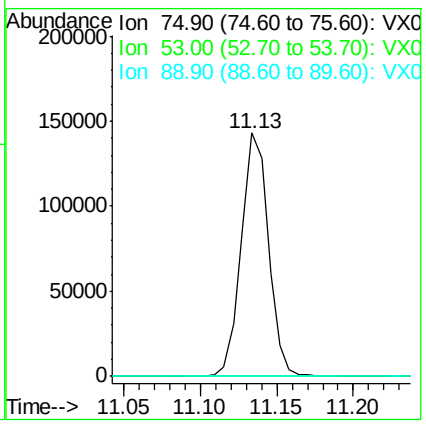


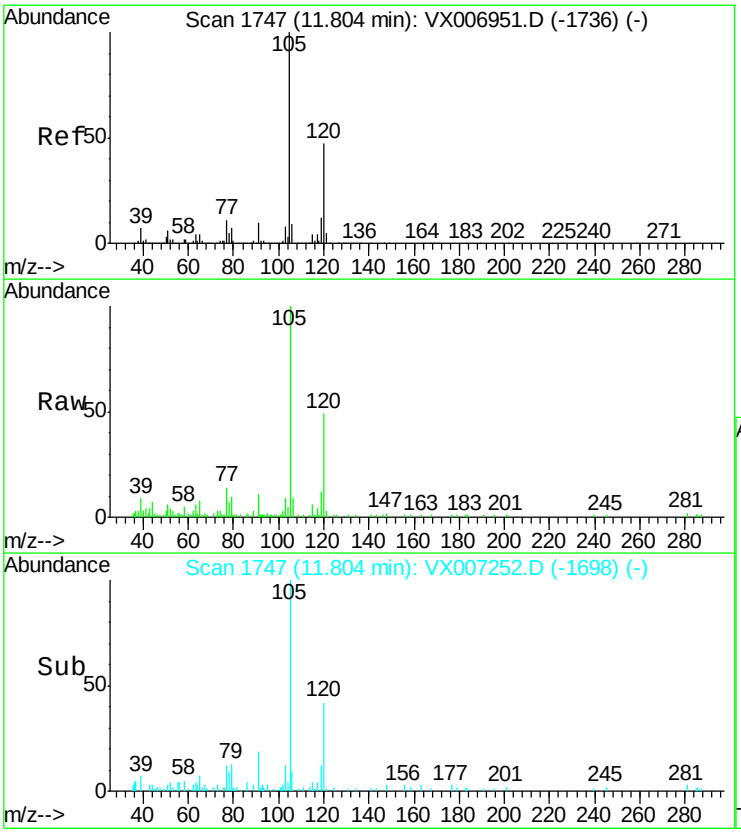
#81
trans-1,4-Dichloro-2-butene
Concen: 65.067 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 177124

Ion	Ratio	Lower	Upper
75	100		
53	0.3	79.7	119.5#
89	0.0	38.0	57.0#

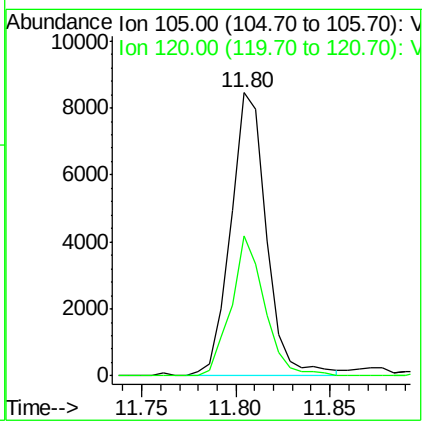


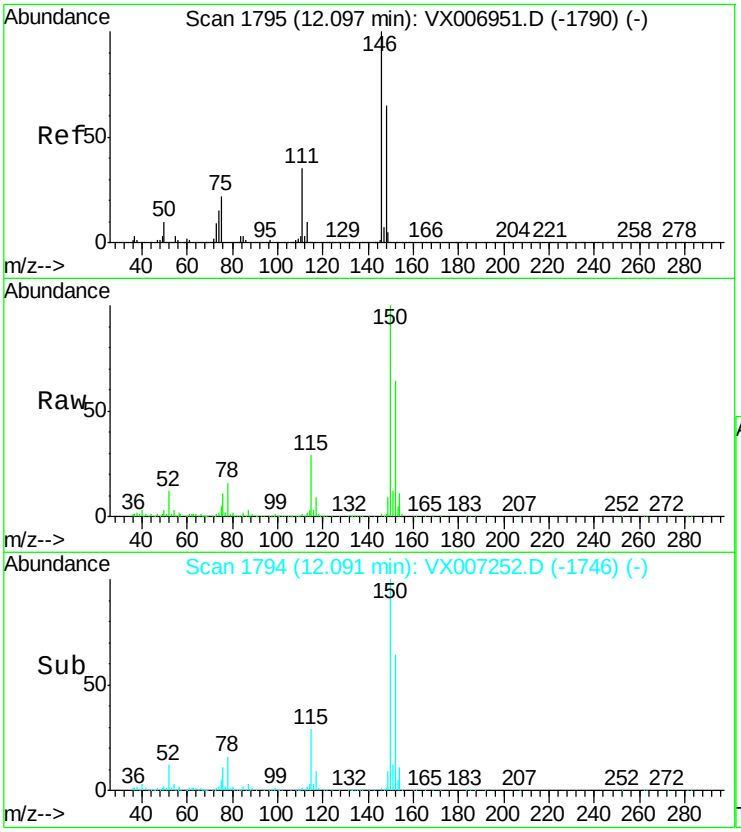


#84
1,2,4-Trimethylbenzene
Concen: 0.473 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion:105 Resp: 11154

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.6



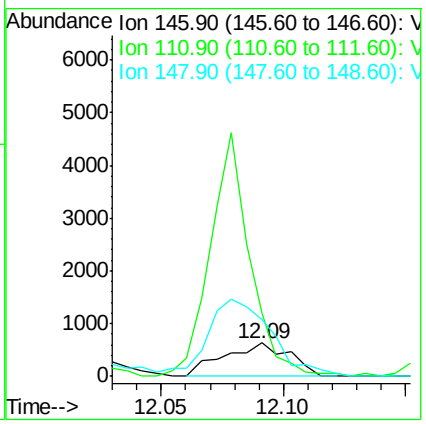


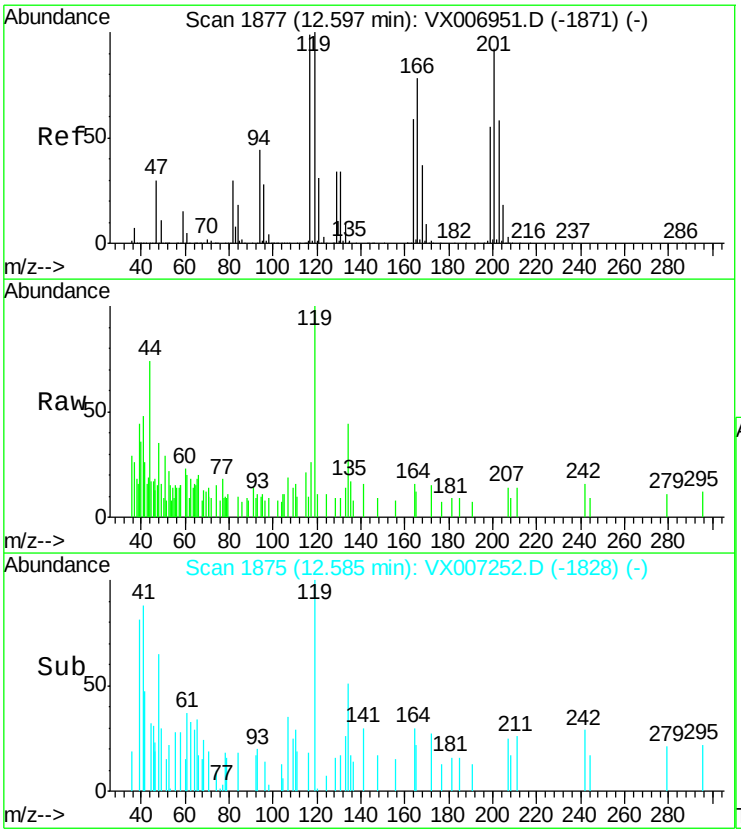
#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1179

Ion	Ratio	Lower	Upper
146	100		
111	444.8	18.1	54.1#
148	225.0	31.9	95.9#

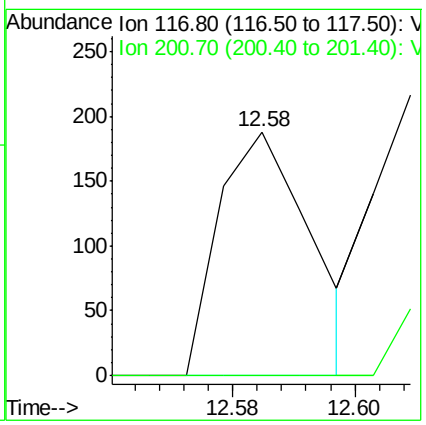


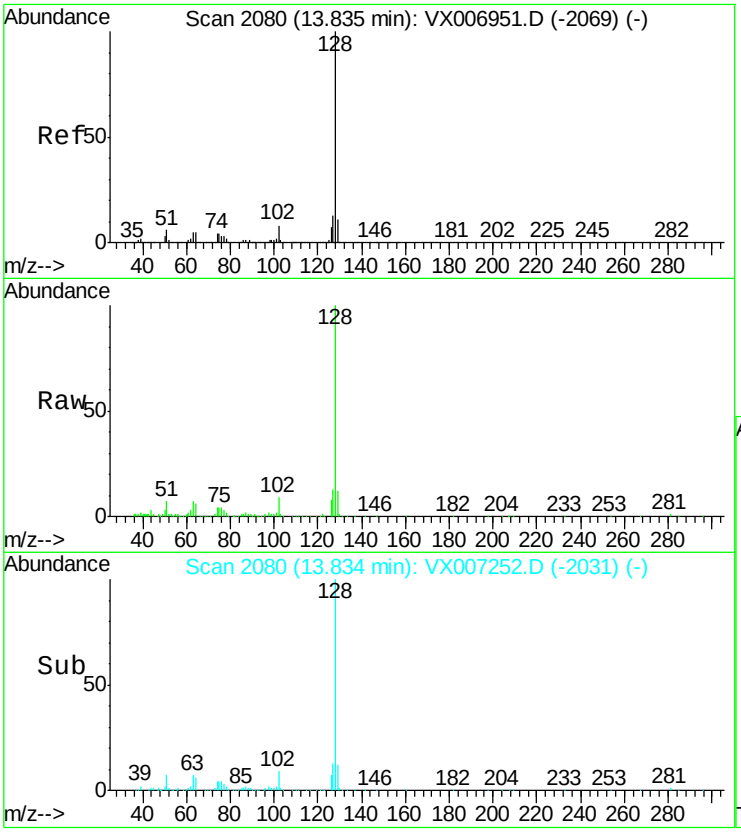


#90
Hexachloroethane
Concen: 2.954 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Tgt Ion:117 Resp: 194

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.9	128.7#





#95
Naphthalene
Concen: 1.097 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007252.D
Acq: 26 Jan 2019 01:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 31446

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.1	15.1
129	11.6	8.6	13.0