Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
Data File : VX007288.D
Acq On : 29 Jan 2019 15:15
Operator : JC/SP
Sample : PB116677TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 00:44:15 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

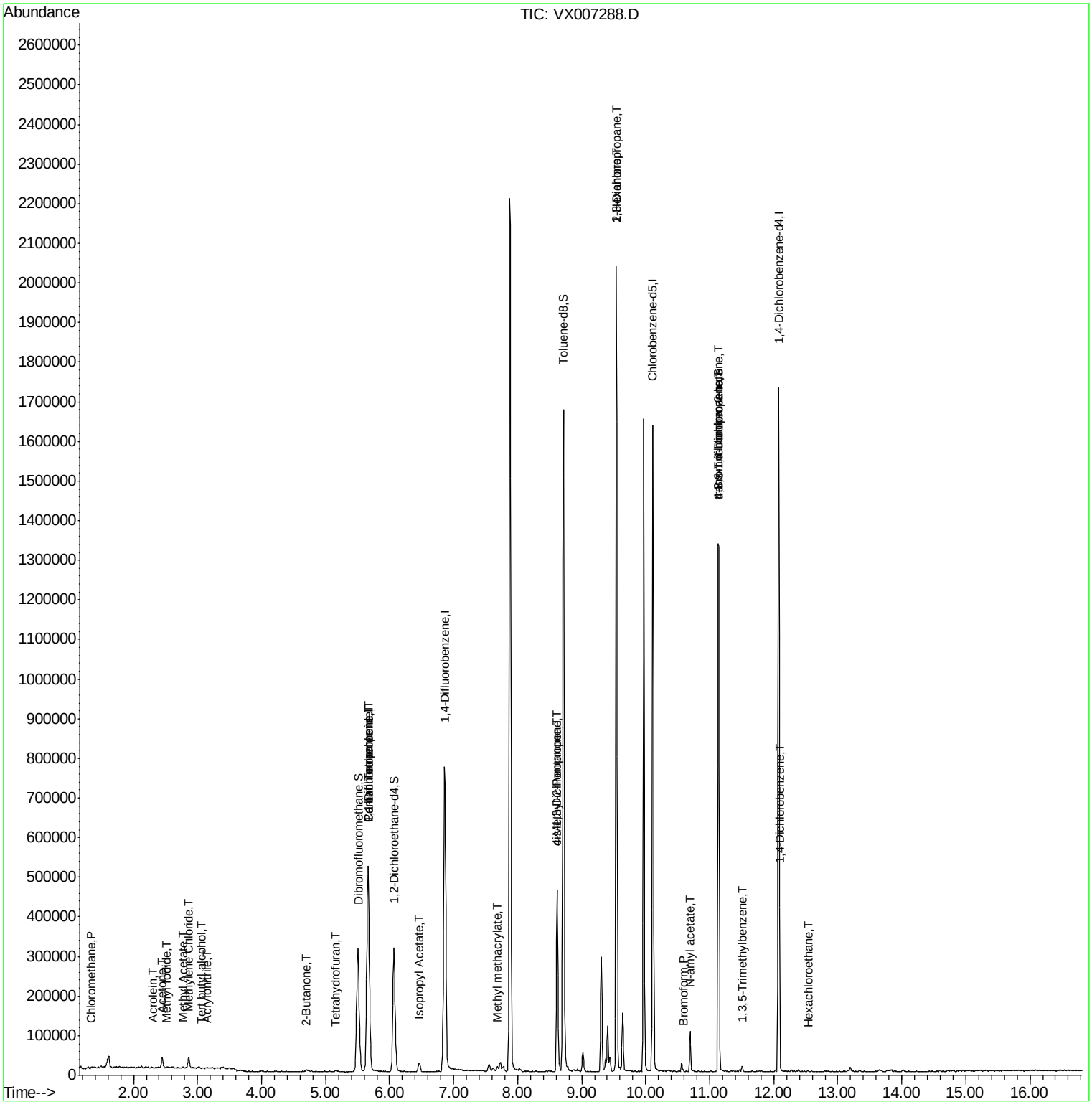
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	534225	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	825976	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	792250	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375570	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	289049	51.77 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.54%		
35) Dibromofluoromethane	5.51	113	260313	49.21 ug/l	0.00
Spiked Amount 50.000			Recovery = 98.42%		
50) Toluene-d8	8.71	98	1009798	52.16 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.32%		
62) 4-Bromofluorobenzene	11.13	95	350862	51.98 ug/l	0.00
Spiked Amount 50.000			Recovery = 103.96%		
Target Compounds					Qvalue
3) Chloromethane	1.33	50	1033	0.202 ug/l #	33
10) Methyl Iodide	2.52	142	1761	0.246 ug/l	98
11) Tert butyl alcohol	3.06	59	713	0.541 ug/l #	72
13) Acrolein	2.30	56	532	4.009 ug/l #	70
15) Acrylonitrile	3.15	53	801	0.265 ug/l #	52
16) Acetone	2.45	43	29889	10.829 ug/l	99
18) Methyl Acetate	2.78	43	4929	0.617 ug/l	91
20) Methylene Chloride	2.86	84	13105	1.952 ug/l	93
25) 2-Butanone	4.70	43	7277	1.843 ug/l	99
29) Tetrahydrofuran	5.15	42	1538	0.599 ug/l #	69
36) 1,1-Dichloropropene	5.67	75	35218	4.904 ug/l #	39
38) Carbon Tetrachloride	5.66	117	47398	6.560 ug/l #	17
43) Isopropyl Acetate	6.46	43	26970	2.221 ug/l	99
48) Methyl methacrylate	7.68	41	14027	2.249 ug/l #	11
49) 1,4-Dioxane	7.75	88	169	Below Cal #	27
51) 4-Methyl-2-Pentanone	8.62	43	145953	18.701 ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	71084	8.809 ug/l #	64
57) 1,3-Dichloropropane	9.54	76	17530	1.898 ug/l #	42
59) 2-Hexanone	9.54	43	225725	37.953 ug/l #	50
71) Bromoform	10.59	173	106	4.746 ug/l #	28
74) N-amyl acetate	10.69	43	21688	2.034 ug/l #	54
76) 1,2,3-Trichloropropane	11.13	75	170708	22.430 ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	5268	0.238 ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	170708	66.352 ug/l #	10
88) 1,4-Dichlorobenzene	12.10	146	1454	0.261 ug/l #	26
90) Hexachloroethane	12.55	117	60	2.923 ug/l	77

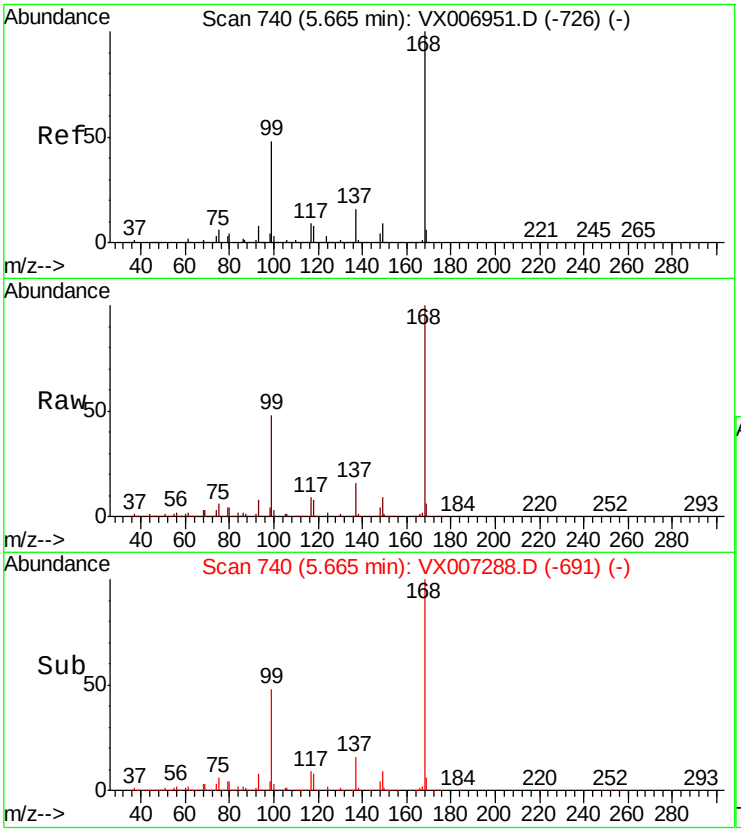
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
Data File : VX007288.D
Acq On : 29 Jan 2019 15:15
Operator : JC/SP
Sample : PB116677TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 00:10:47 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

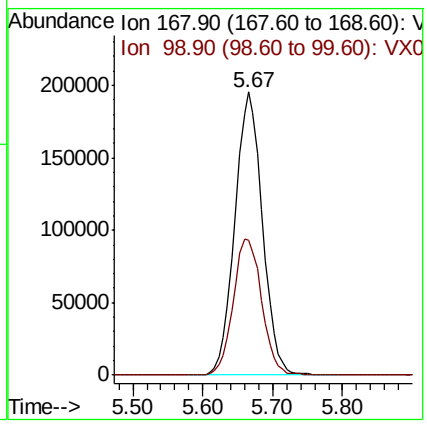


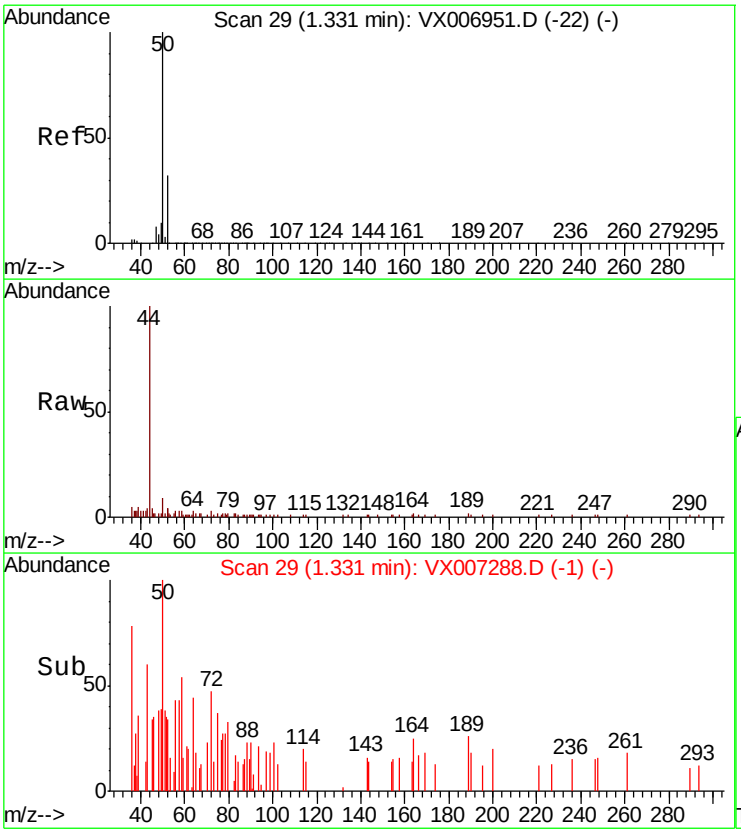


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:168 Resp: 534225

Ion	Ratio	Lower	Upper
168	100		
99	47.6	41.8	62.8

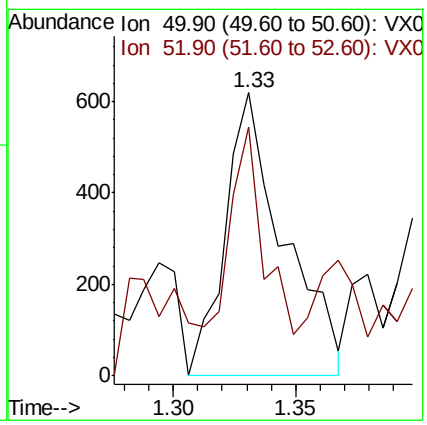


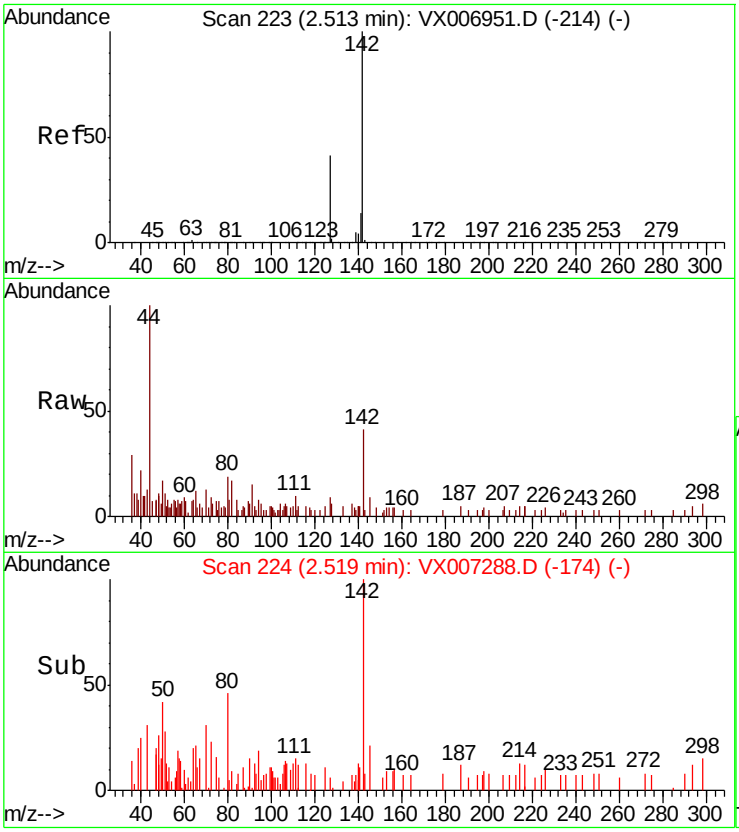


#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 50 Resp: 1033

Ion	Ratio	Lower	Upper
50	100		
52	69.0	25.4	38.2#

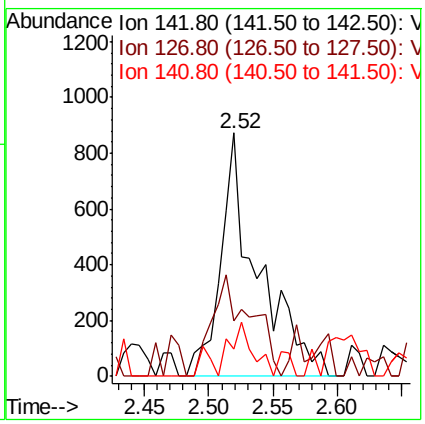


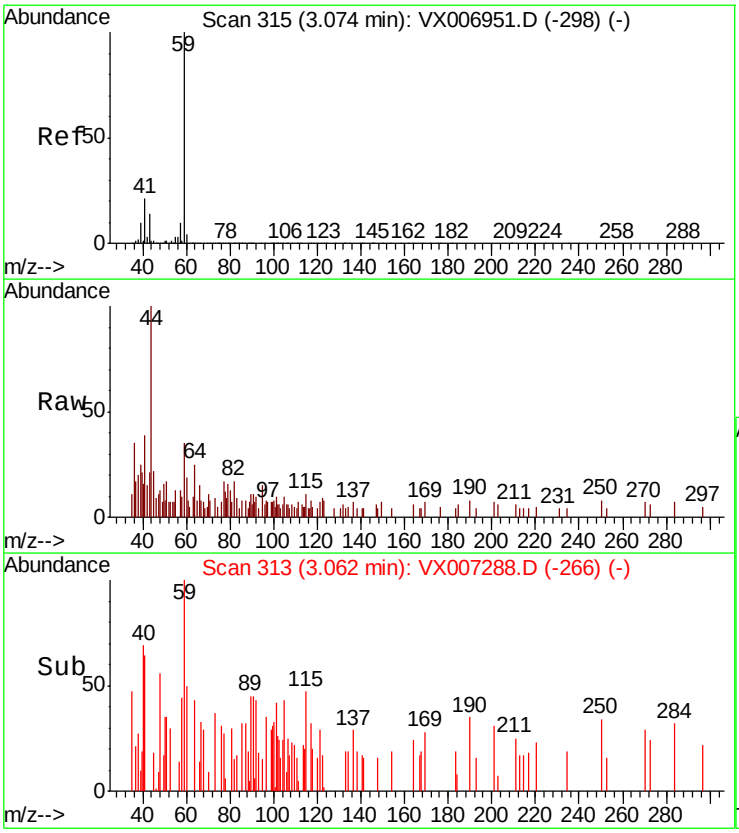


#10
Methyl Iodide
Concen: 0.246 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:142 Resp: 1761

Ion	Ratio	Lower	Upper
142	100		
127	43.4	33.9	50.9
141	13.6	11.4	17.0

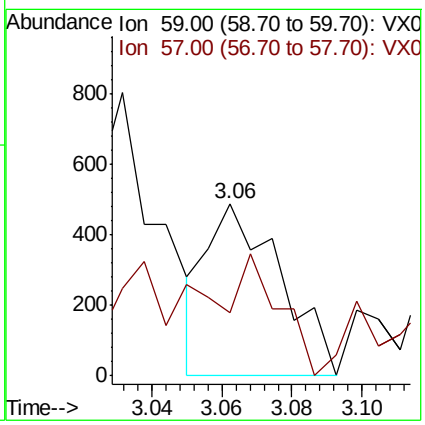


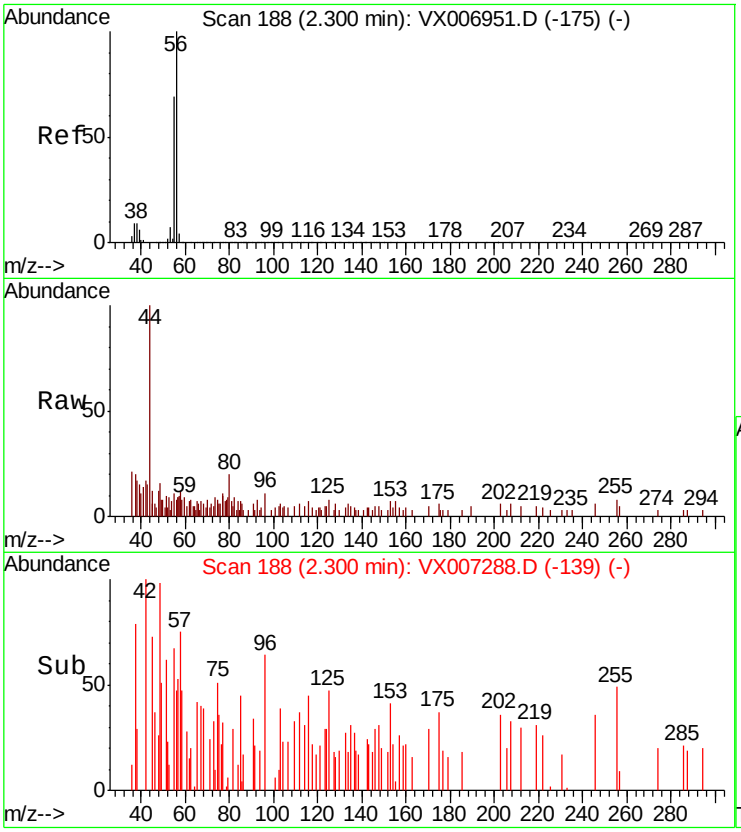


#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 59 Resp: 713

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

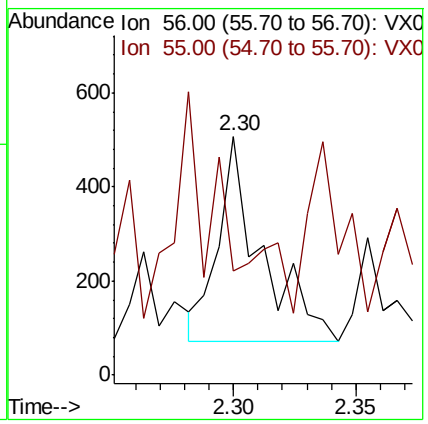


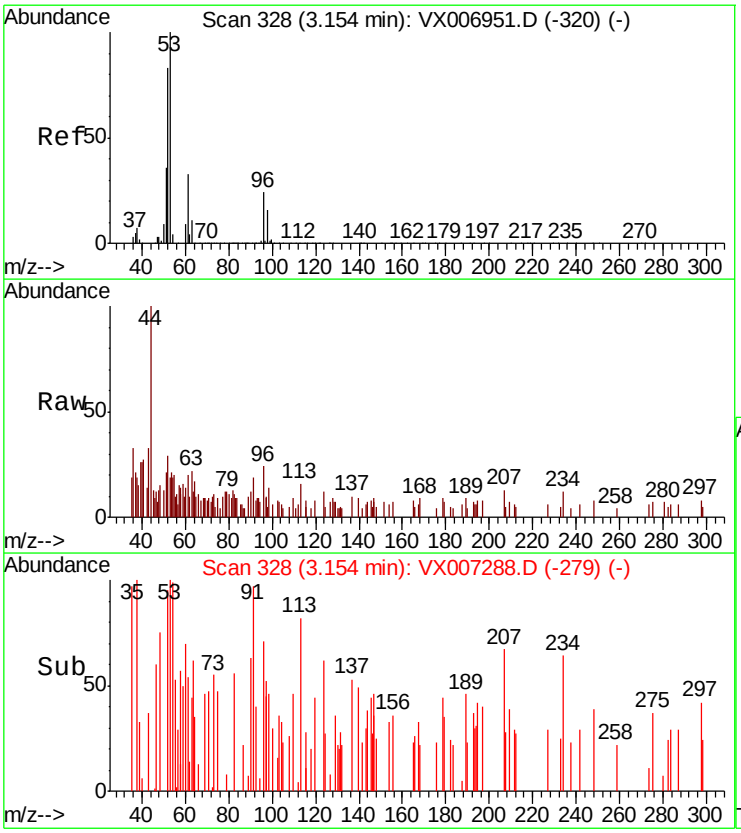


#13
Acrolein
Concen: 4.009 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 56 Resp: 532

Ion	Ratio	Lower	Upper
56	100		
55	97.7	58.2	87.4#

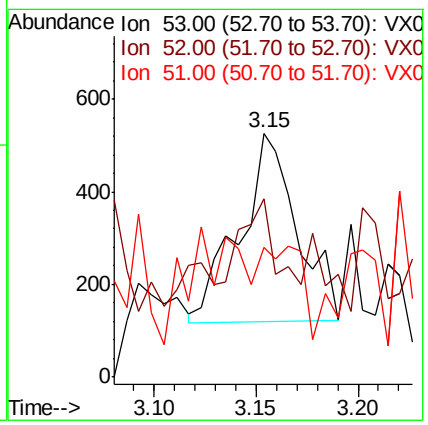


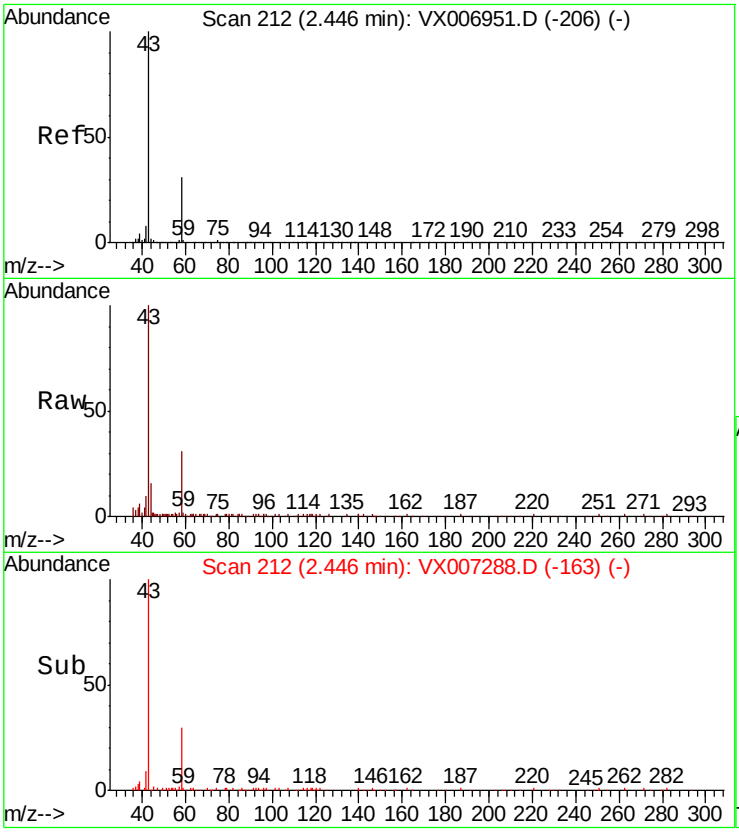


#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 53 Resp: 801

Ion	Ratio	Lower	Upper
53	100		
52	44.2	66.0	99.0#
51	0.0	28.6	42.8#

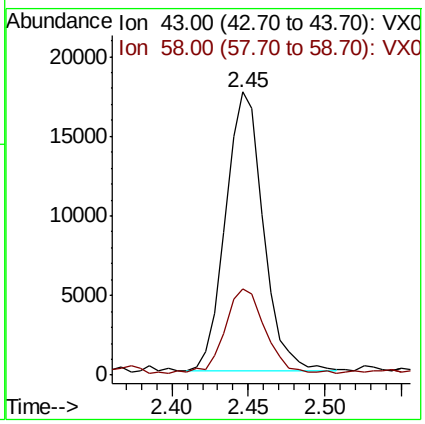


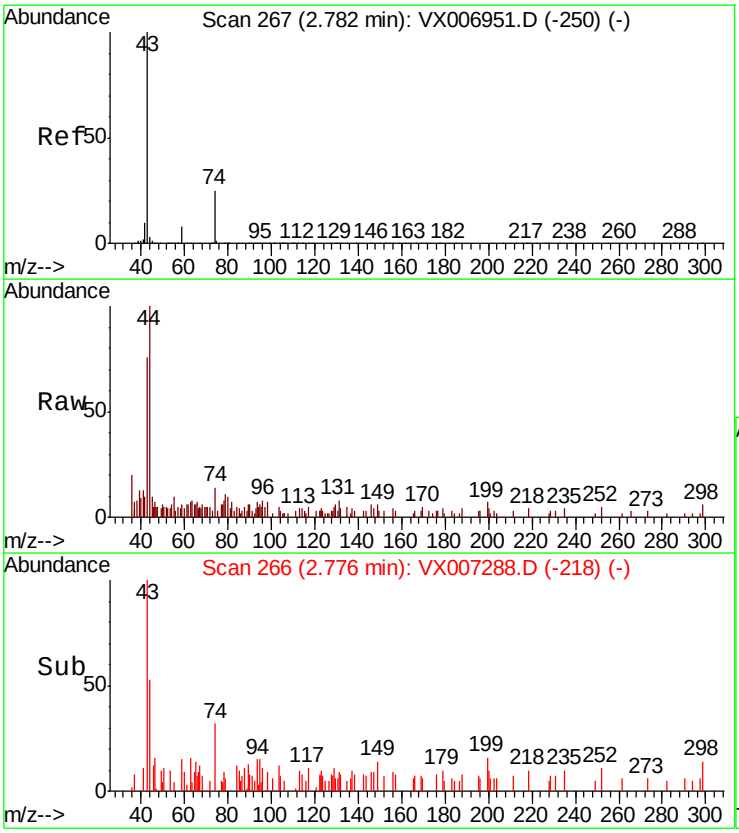


#16
Acetone
Concen: 10.829 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 29889

Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.0	37.6

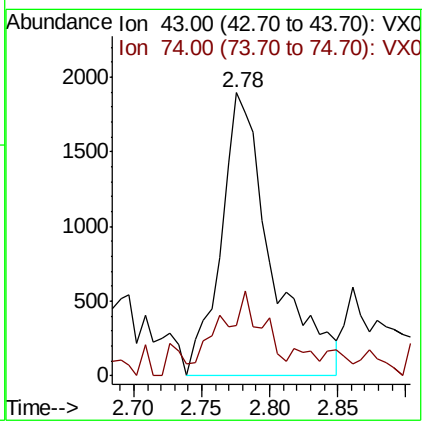


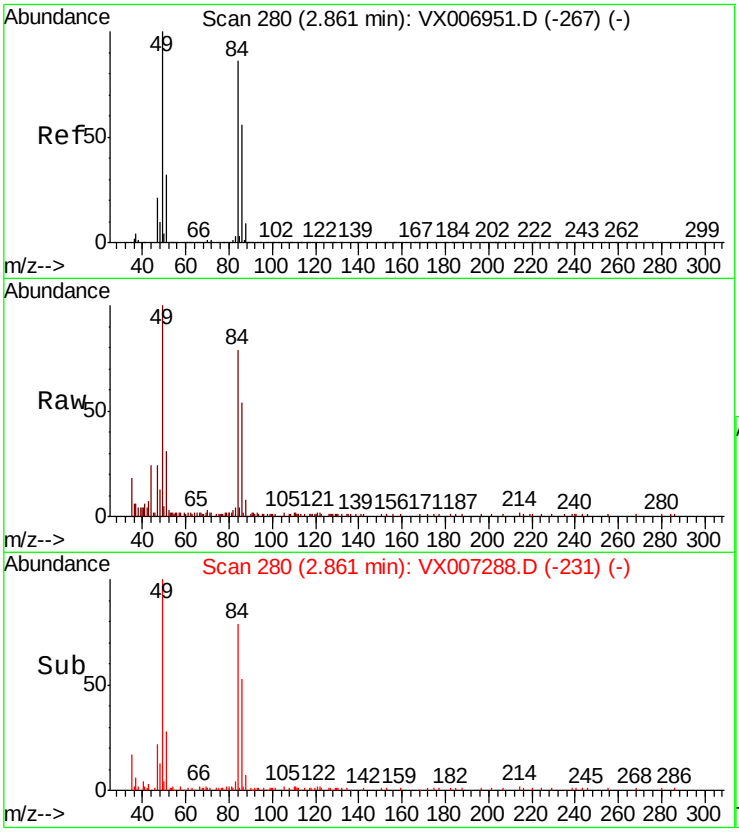


#18
Methyl Acetate
Concen: 0.617 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 4929

Ion	Ratio	Lower	Upper
43	100		
74	18.9	18.6	28.0

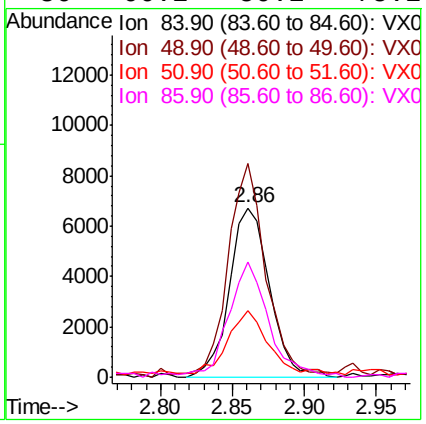


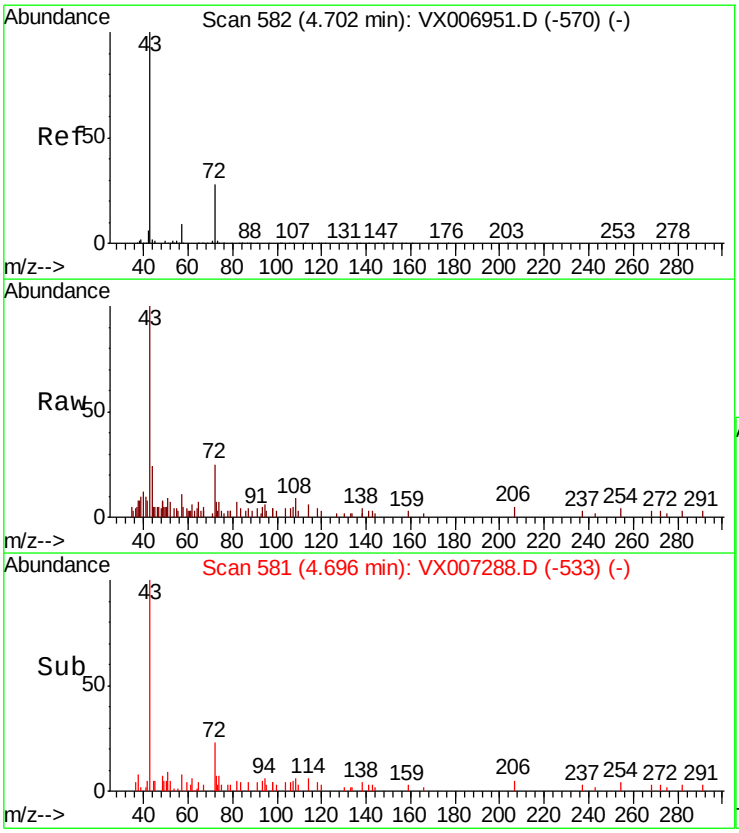


#20
Methylene Chloride
Concen: 1.952 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 84 Resp: 13105

Ion	Ratio	Lower	Upper
84	100		
49	124.4	91.8	137.6
51	36.8	28.5	42.7
86	66.2	50.2	75.2

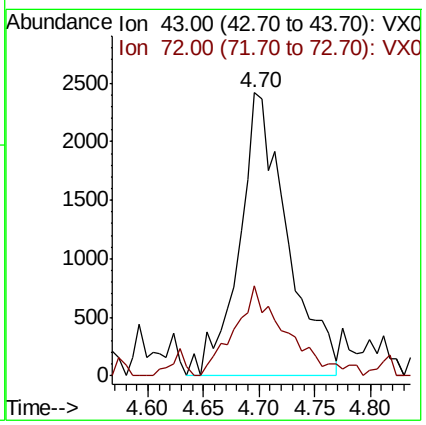


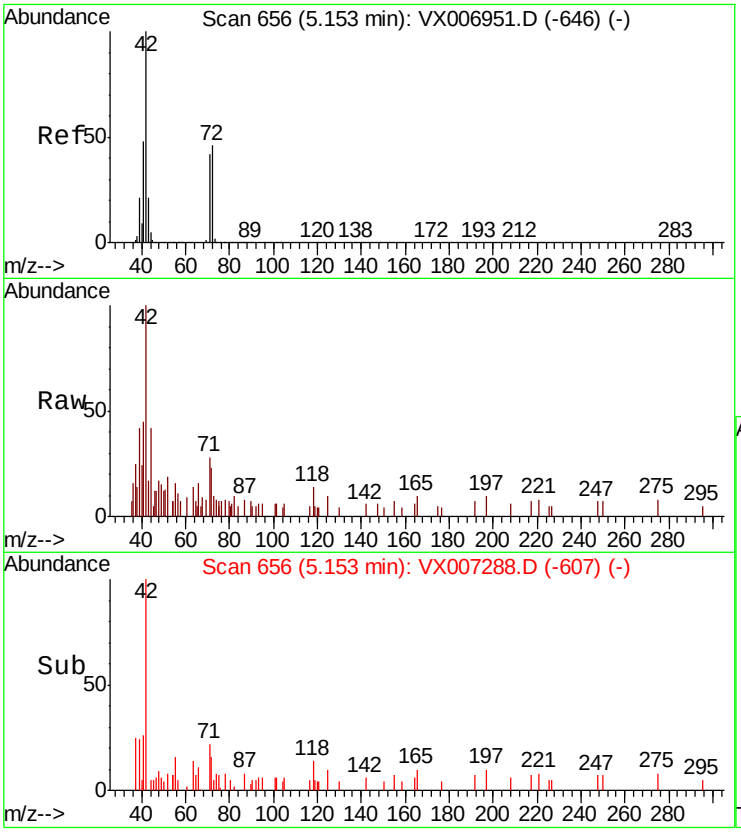


#25
2-Butanone
Concen: 1.843 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 7277

Ion	Ratio	Lower	Upper
43	100		
72	28.7	22.4	33.6

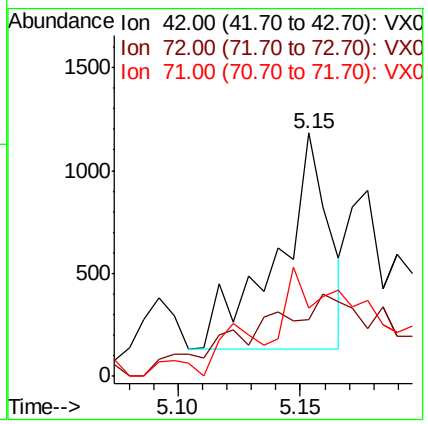


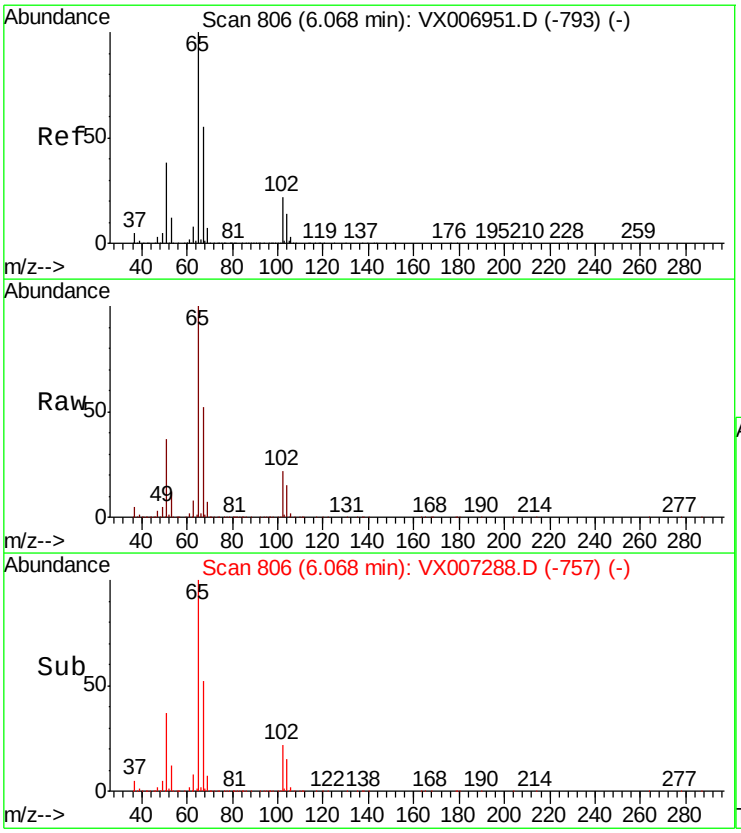


#29
Tetrahydrofuran
Concen: 0.599 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 42 Resp: 1538

Ion	Ratio	Lower	Upper
42	100		
72	64.6	38.9	58.3#
71	19.8	36.2	54.4#

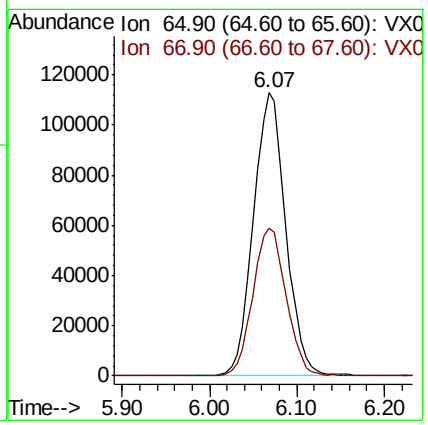


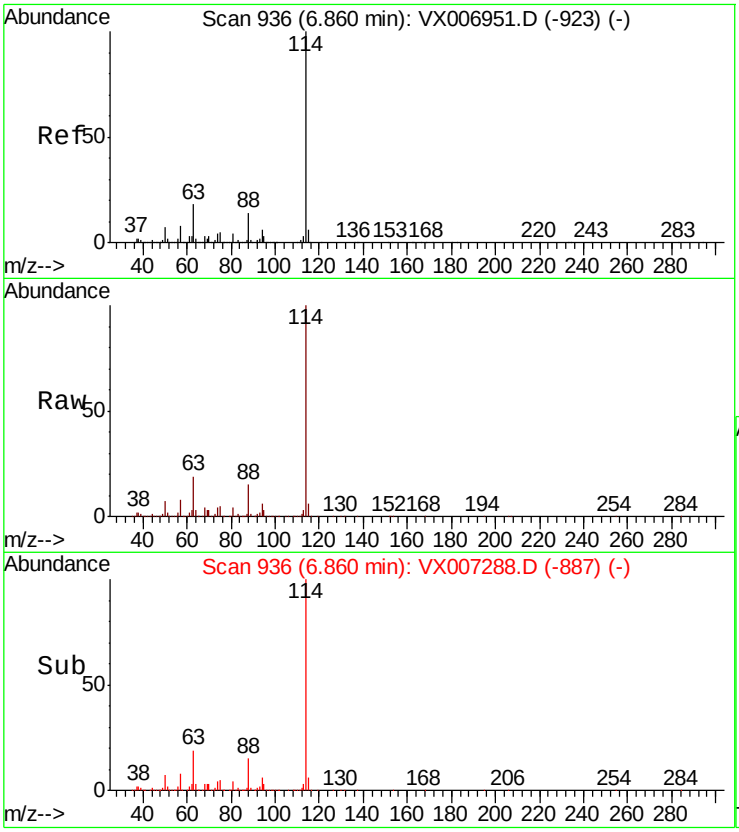


#33
1,2-Dichloroethane-d4
Concen: 51.772 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 65 Resp: 289049

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0

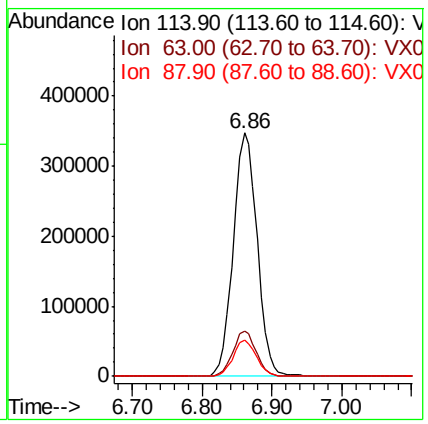


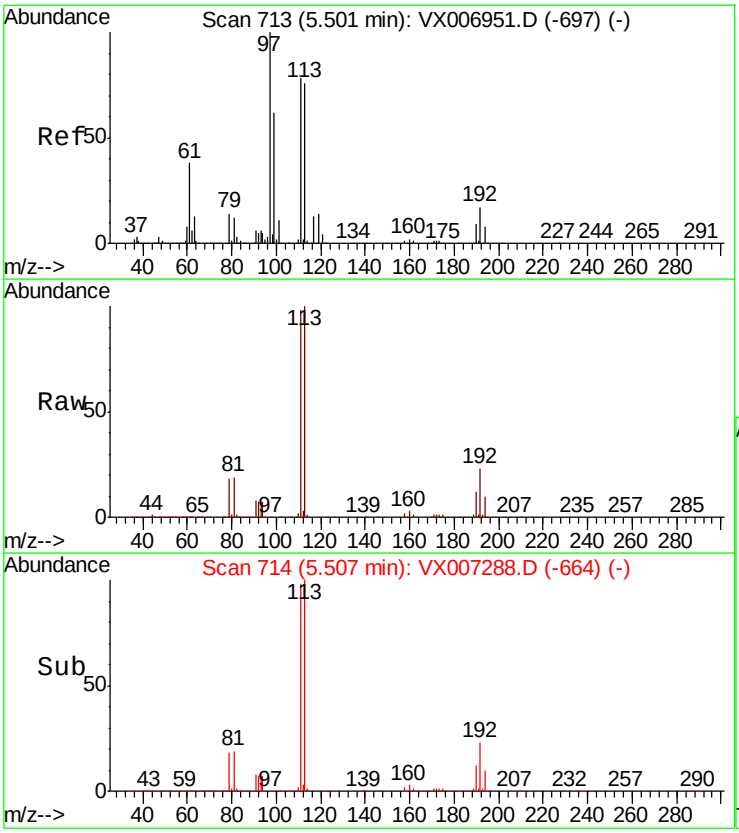


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:114 Resp: 825976

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.8
88	14.9	0.0	28.8

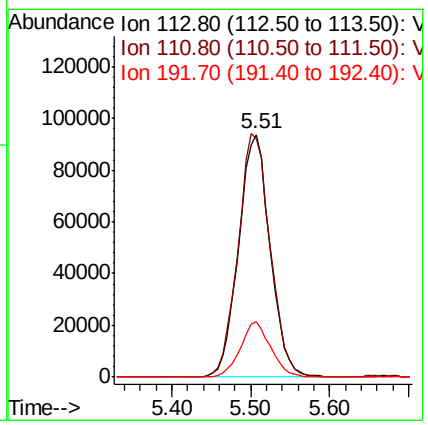


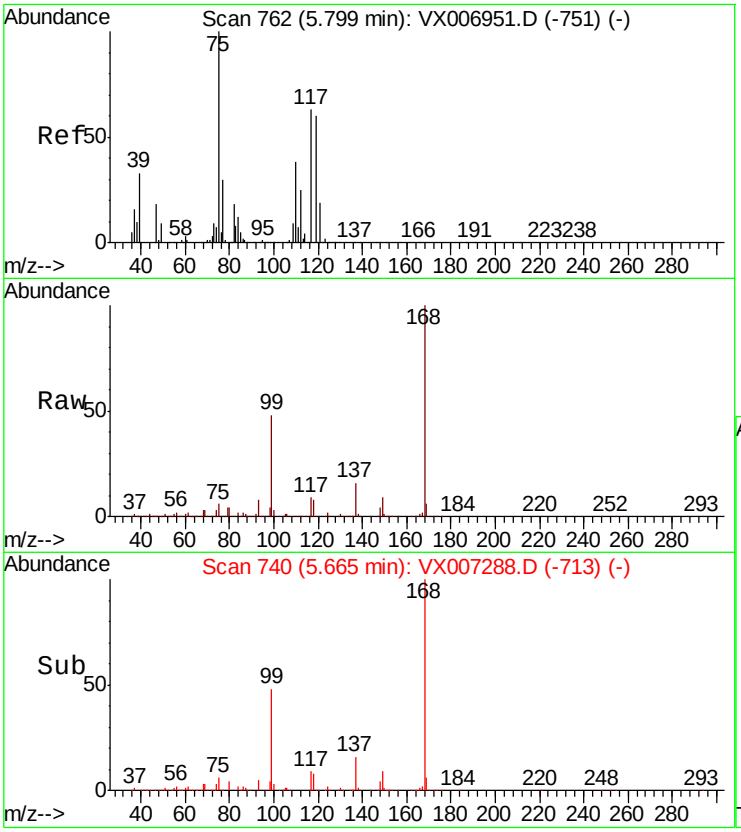


#35
Dibromofluoromethane
Concen: 49.213 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:113 Resp: 260313

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	21.9	16.7	25.1

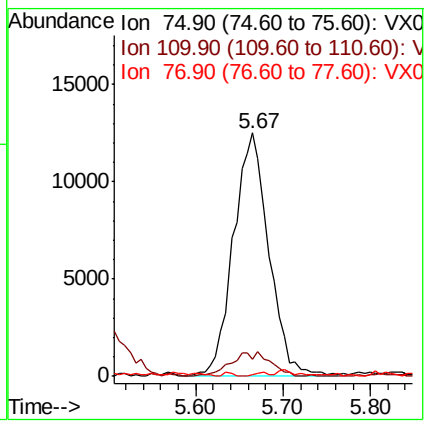


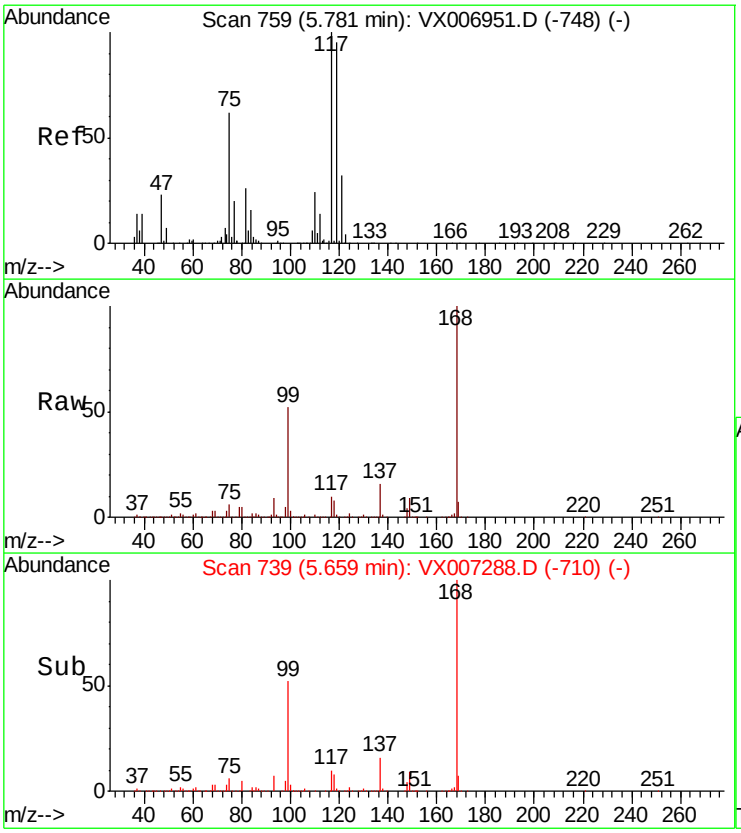


#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 75 Resp: 35218

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.2	60.5#
77	0.6	24.8	37.2#

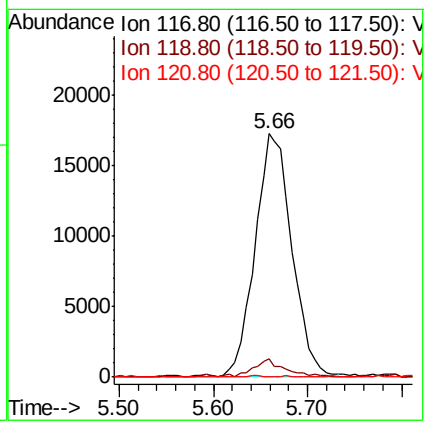


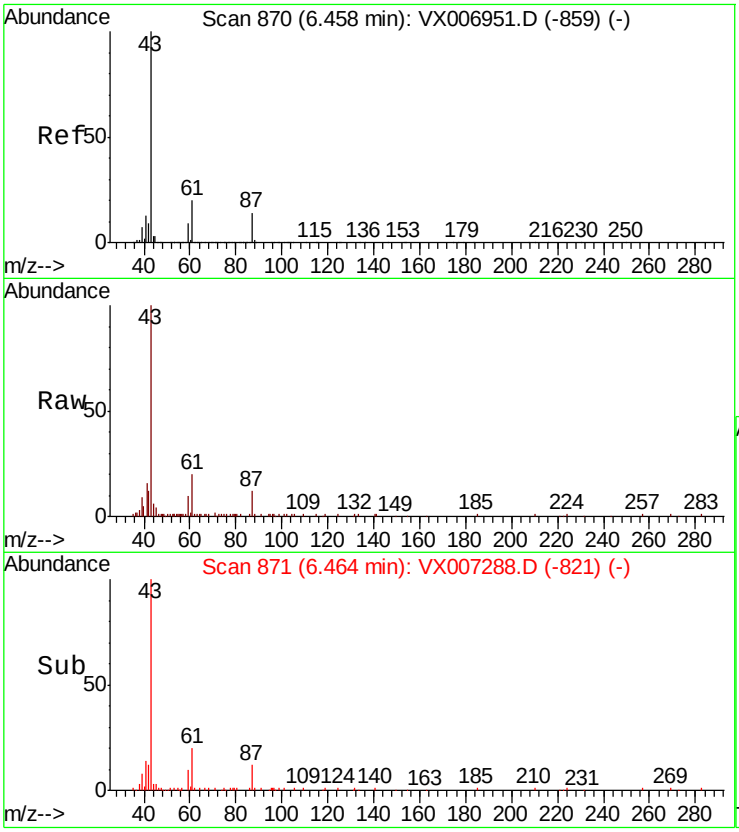


#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:117 Resp: 47398

Ion	Ratio	Lower	Upper
117	100		
119	7.8	79.4	119.2#
121	0.0	24.0	36.0#

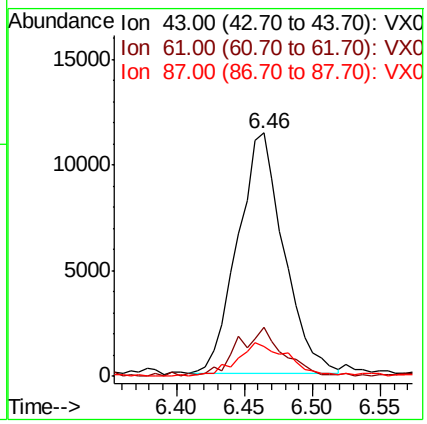


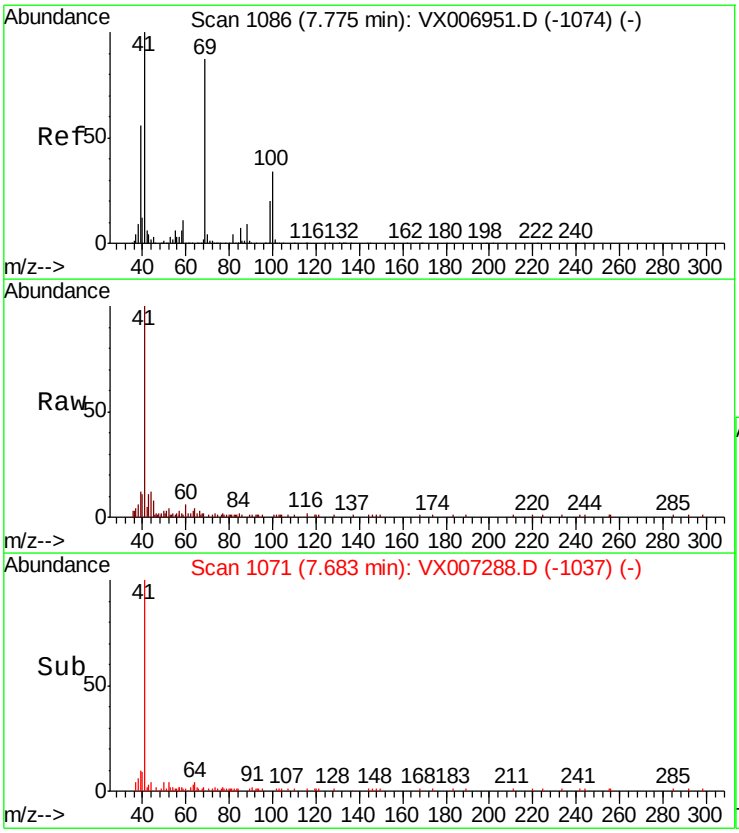


#43
Isopropyl Acetate
Concen: 2.221 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 26970

Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.8	25.2
87	15.3	12.4	18.6

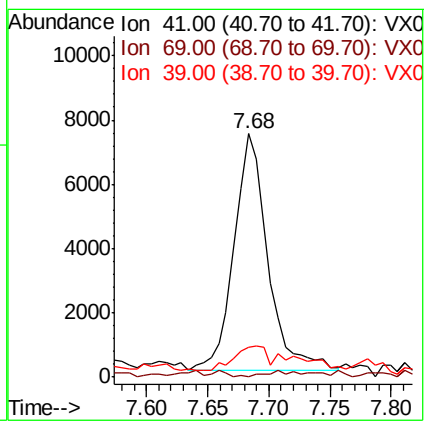


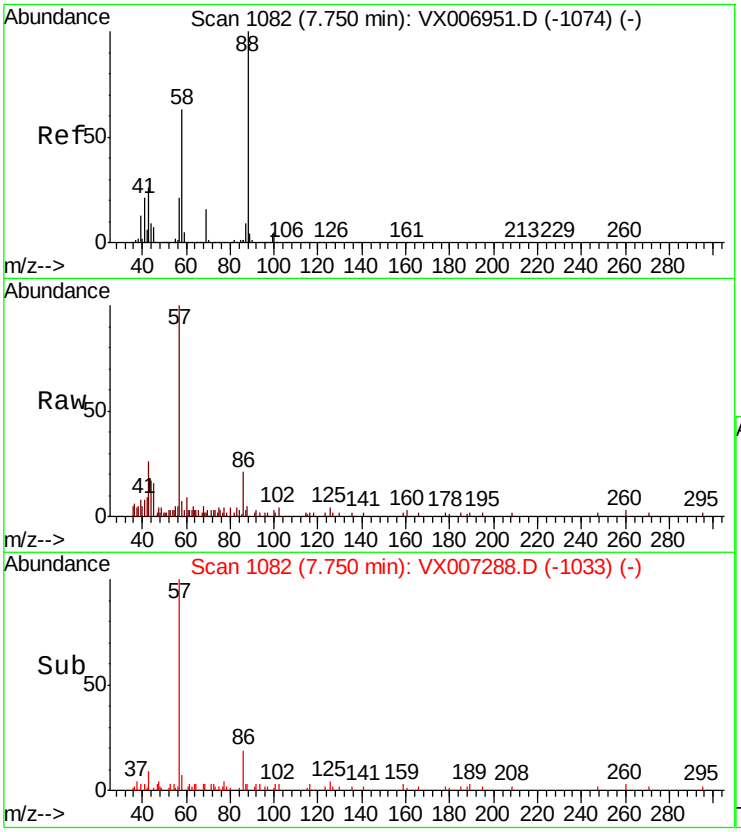


#48
Methyl methacrylate
Concen: 2.249 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 41 Resp: 14027

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

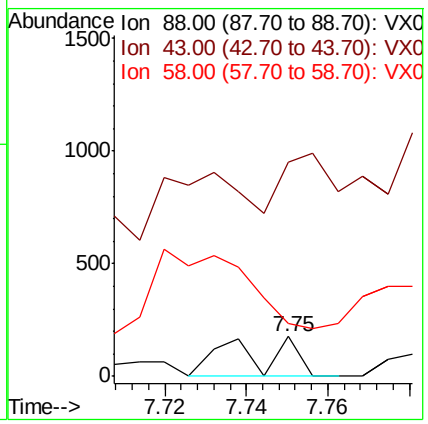


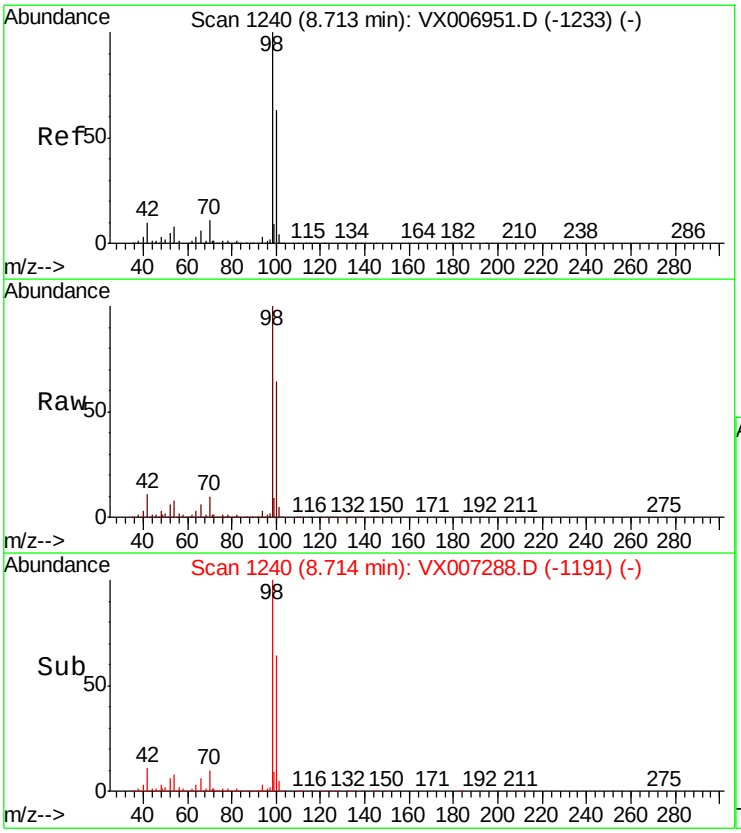


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 88 Resp: 169

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

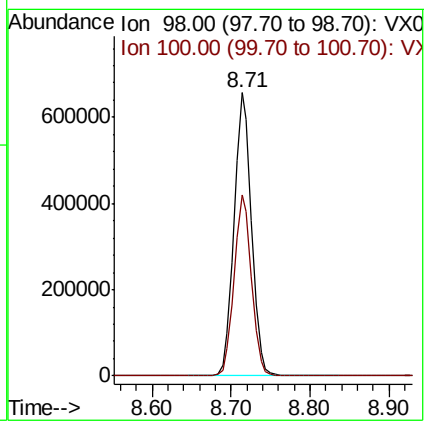


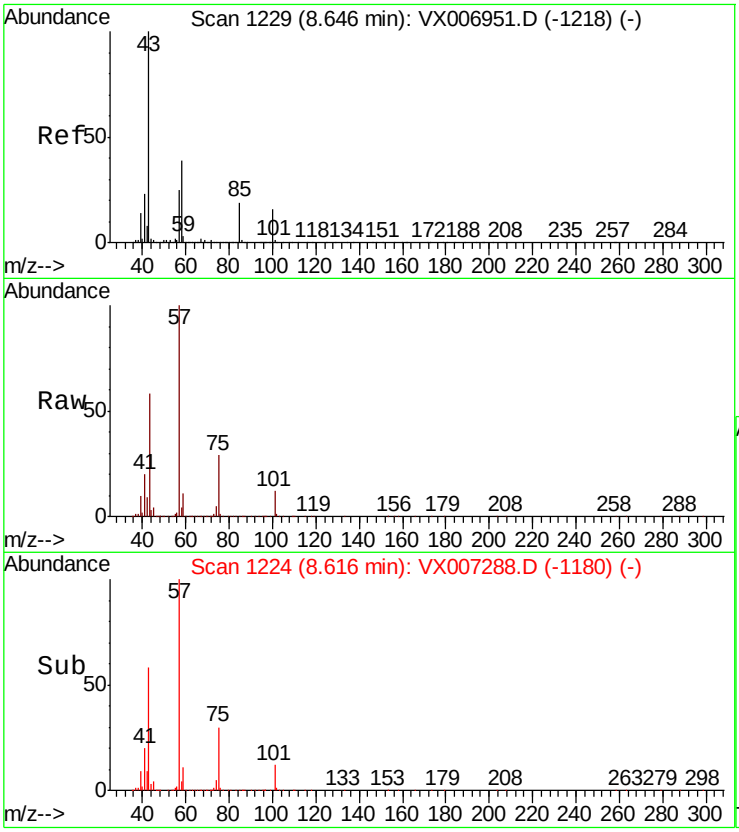


#50
Toluene-d8
Concen: 52.156 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 98 Resp: 1009798

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

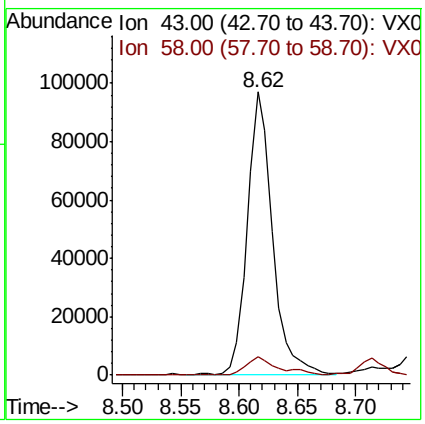


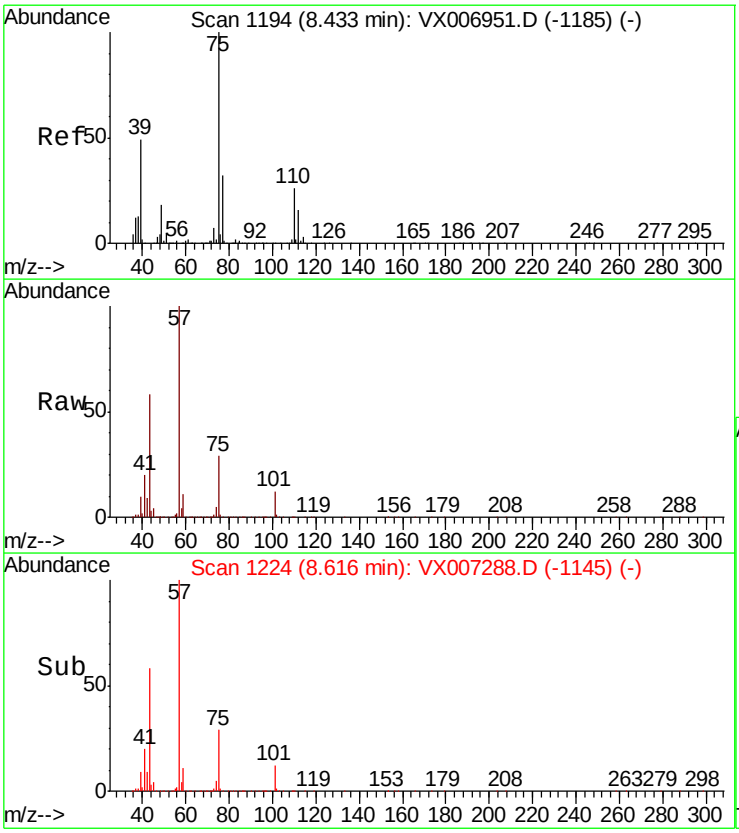


#51
4-Methyl-2-Pentanone
Concen: 18.701 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 145953

Ion	Ratio	Lower	Upper
43	100		
58	8.2	31.8	47.6#

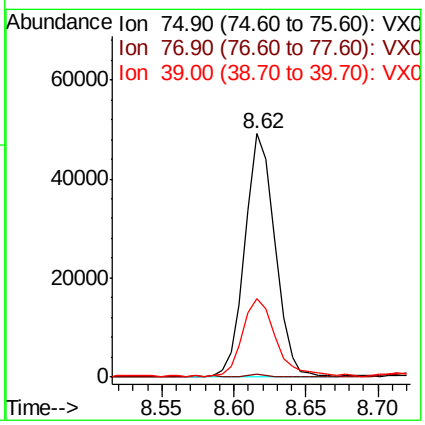


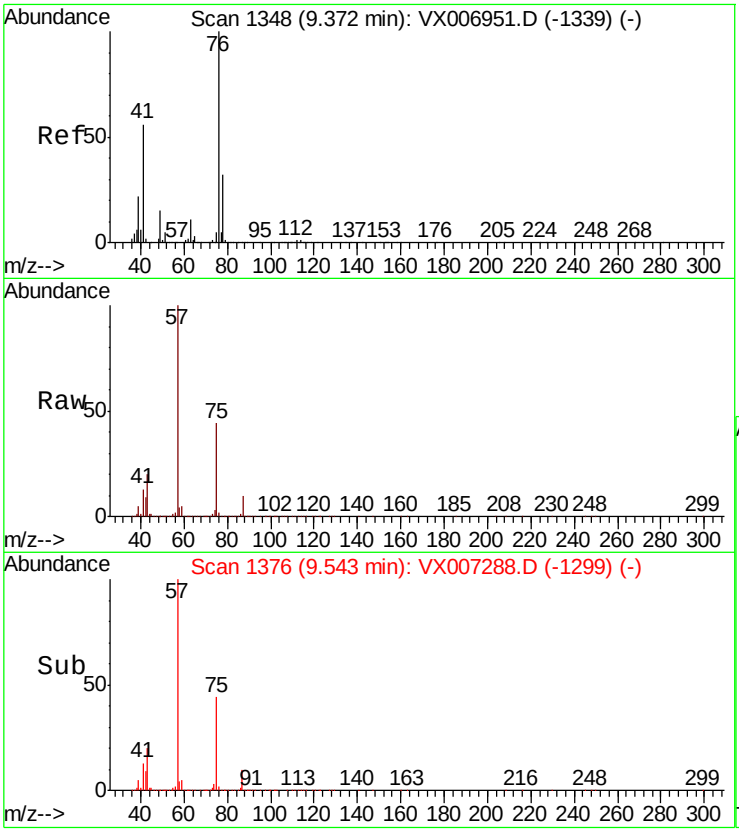


#54
cis-1,3-Dichloropropene
Concen: 8.809 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 75 Resp: 71084

Ion	Ratio	Lower	Upper
75	100		
77	1.0	26.2	39.2#
39	31.9	36.7	55.1#

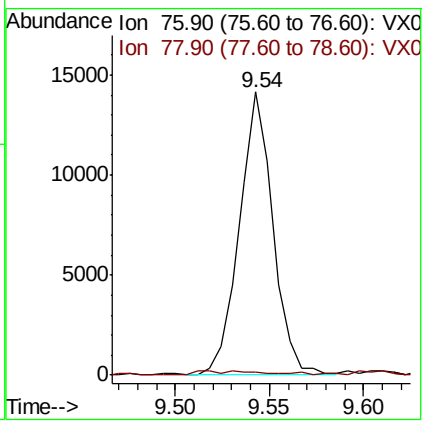


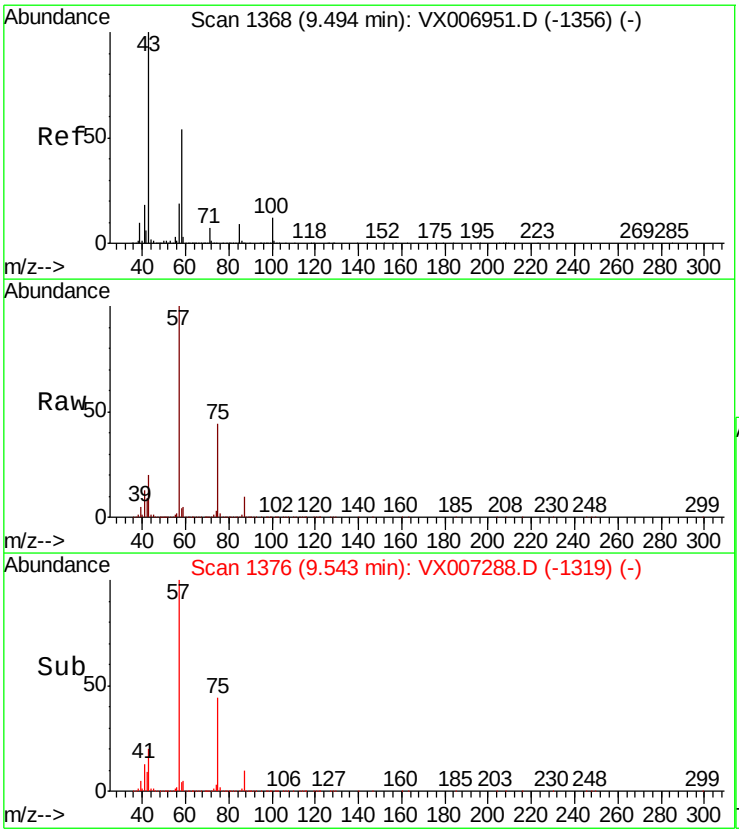


#57
1,3-Dichloropropane
Concen: 1.898 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 76 Resp: 17530

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

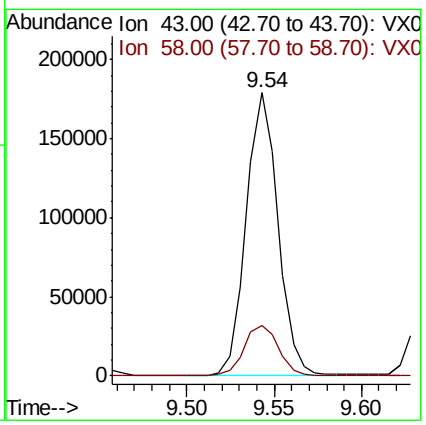


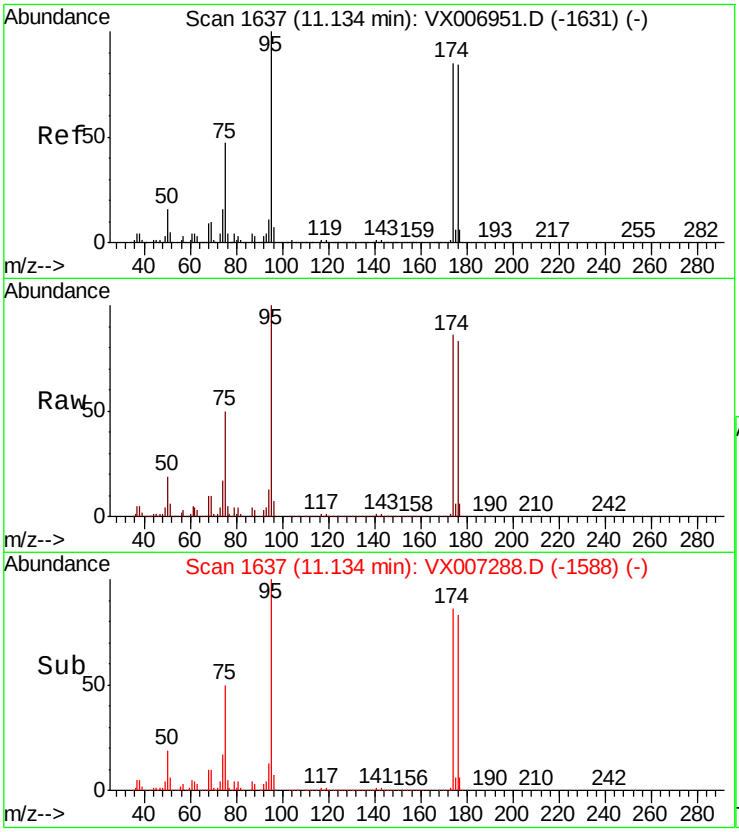


#59
2-Hexanone
Concen: 37.953 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 225725

Ion	Ratio	Lower	Upper
43	100		
58	19.2	27.7	83.1#

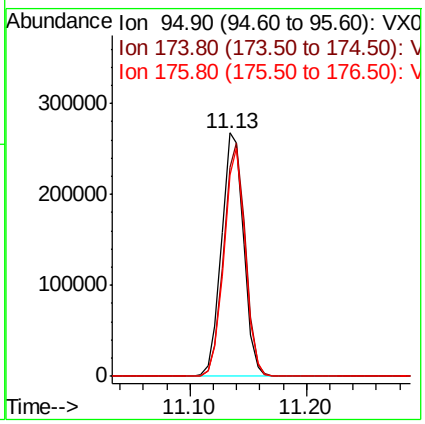


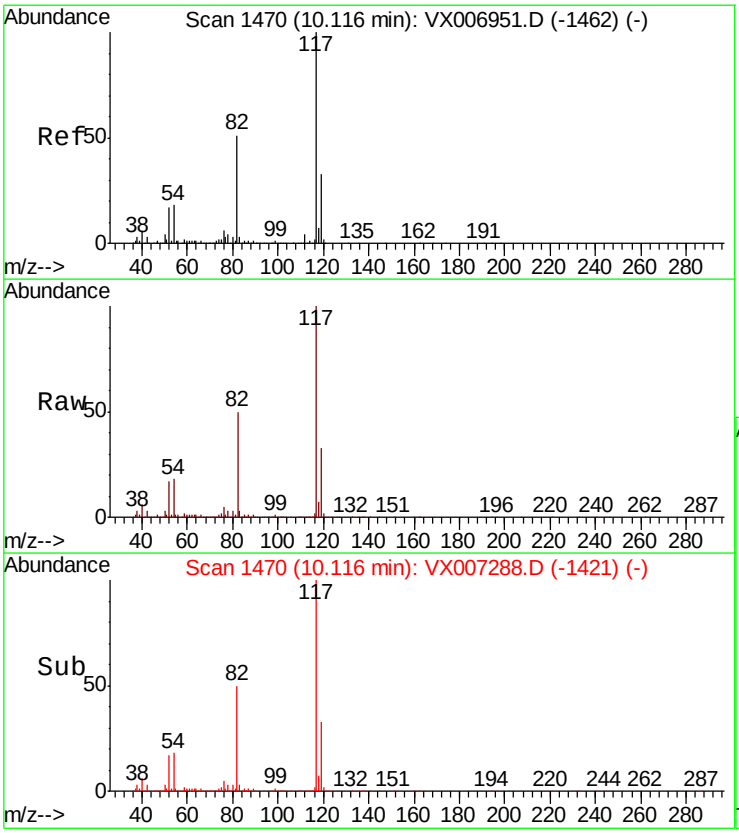


#62
4-Bromofluorobenzene
Concen: 51.981 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 95 Resp: 350862

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	182.2
176	90.3	0.0	178.8

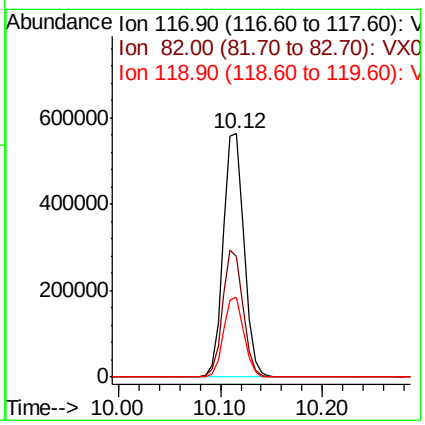


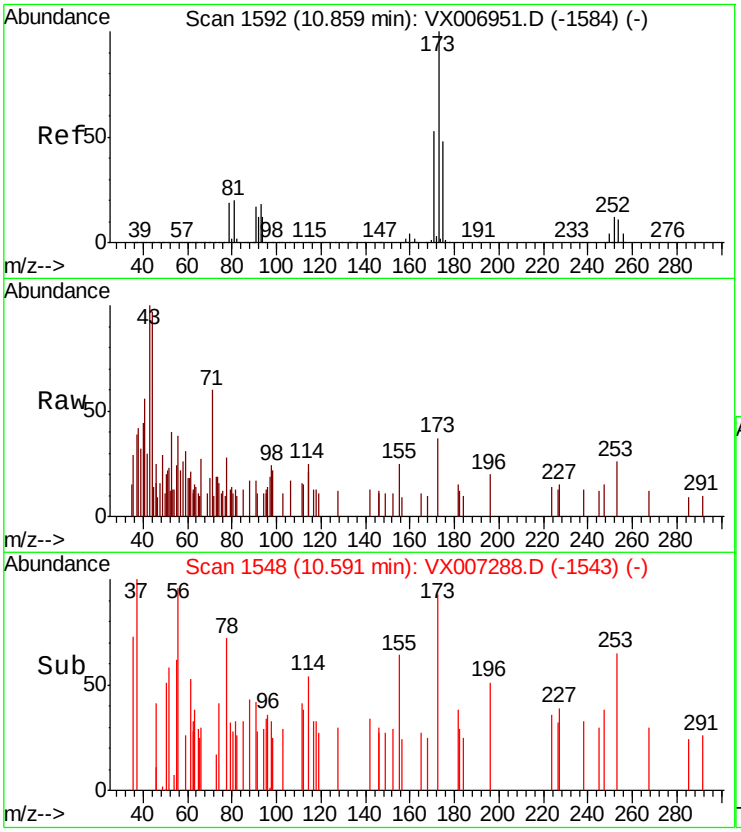


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:117 Resp: 792250

Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.0	61.6
119	32.5	25.4	38.0

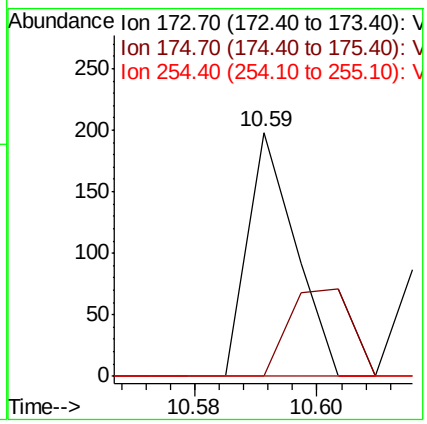


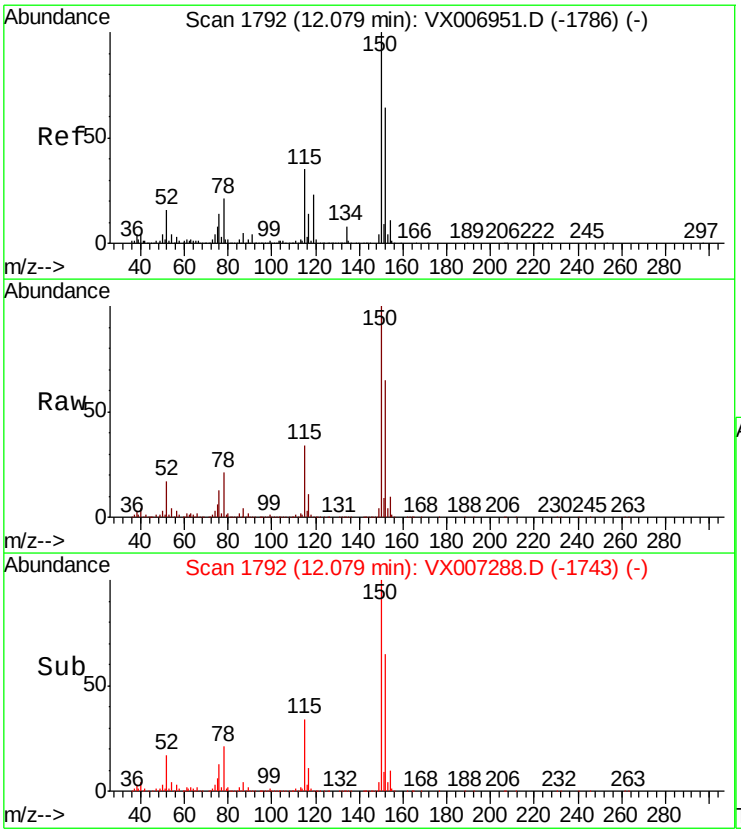


#71
Bromoform
Concen: 4.746 ug/l
RT: 10.59 min Scan# 1548
Delta R.T. -0.27 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:173 Resp: 106

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#

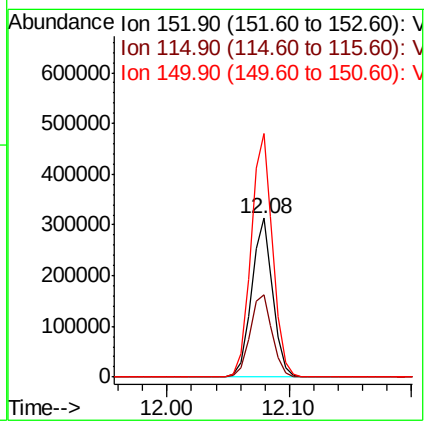


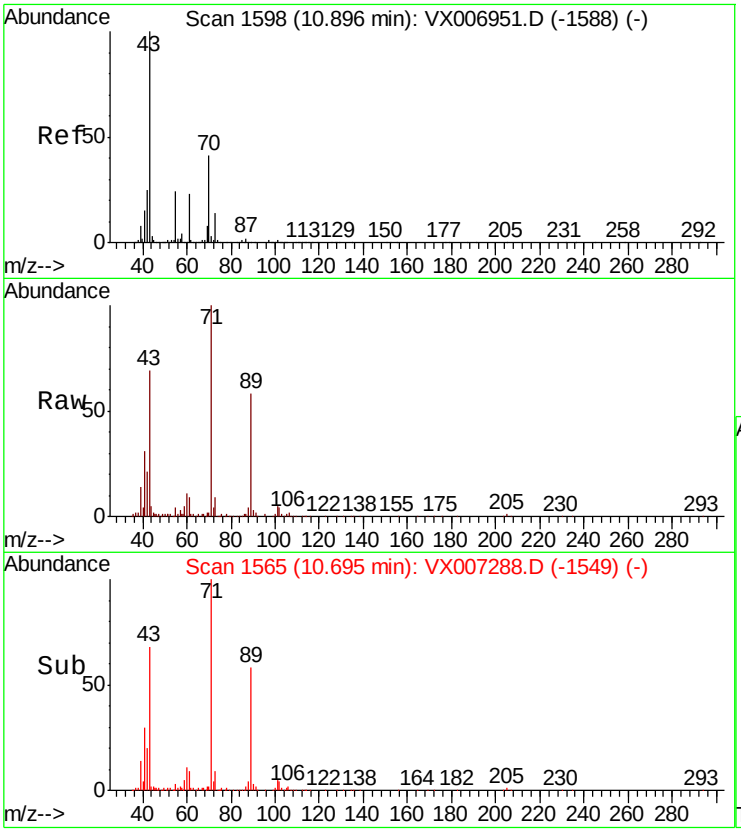


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:152 Resp: 375570

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.2
150	156.9	0.0	344.8

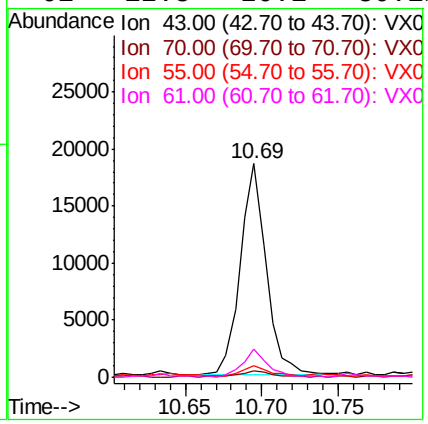


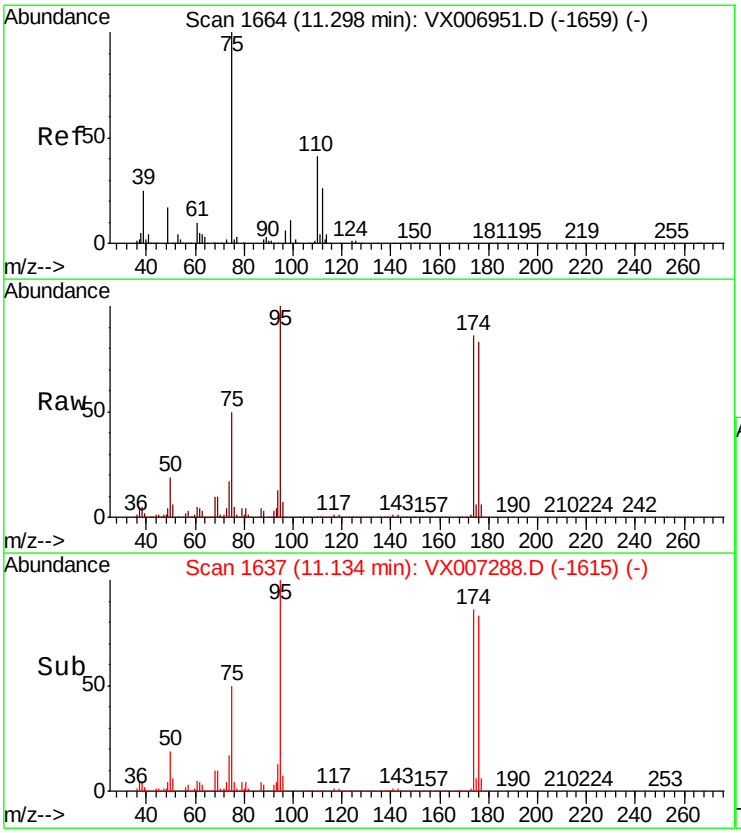


#74
N-amyl acetate
Concen: 2.034 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 43 Resp: 21688

Ion	Ratio	Lower	Upper
43	100		
70	4.2	35.8	53.8#
55	5.6	19.4	29.0#
61	12.8	20.1	30.1#

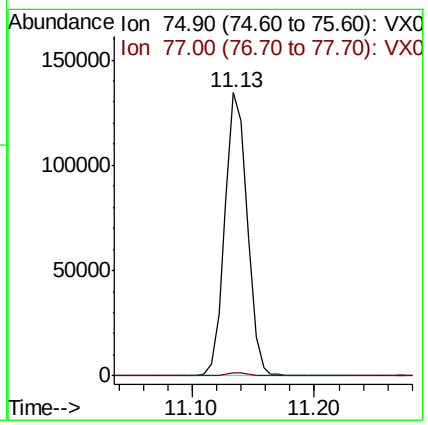


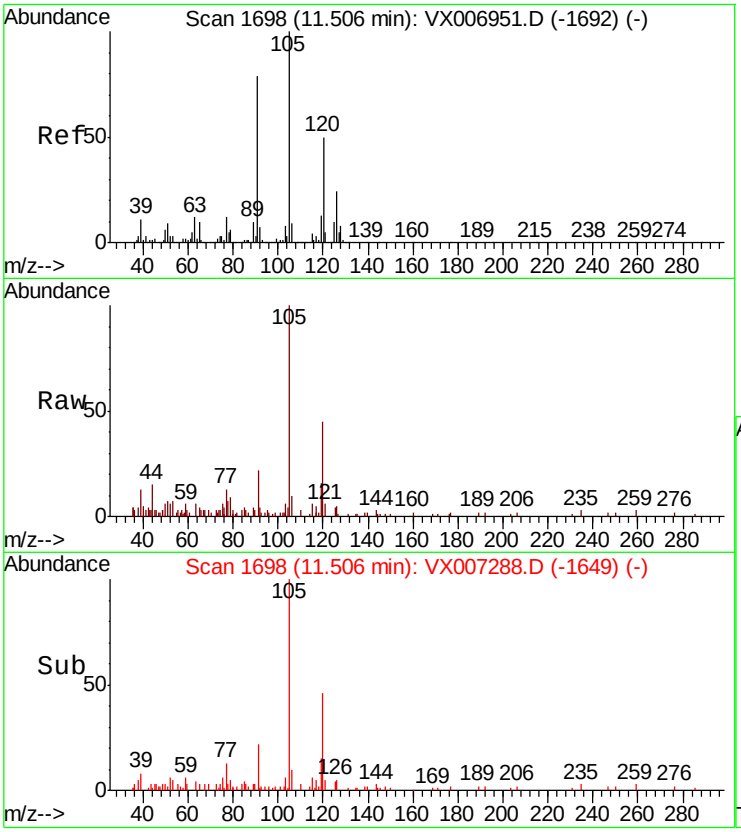


#76
1,2,3-Trichloropropane
Concen: 22.430 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#

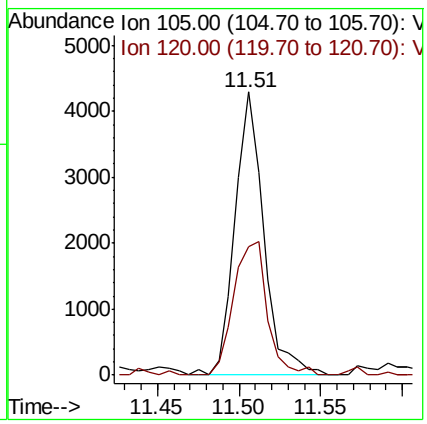


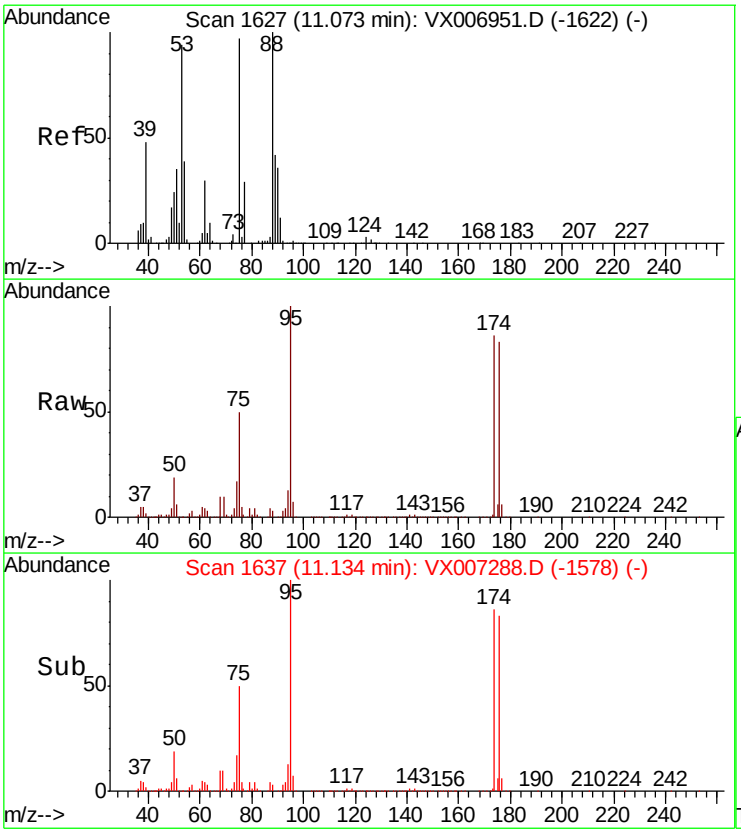


#80
1,3,5-Trimethylbenzene
Concen: 0.238 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:105 Resp: 5268

Ion	Ratio	Lower	Upper
105	100		
120	55.1	25.1	75.3

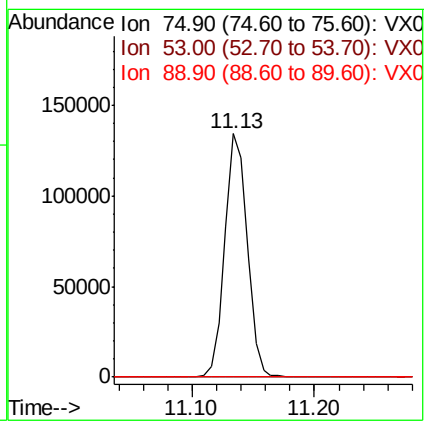


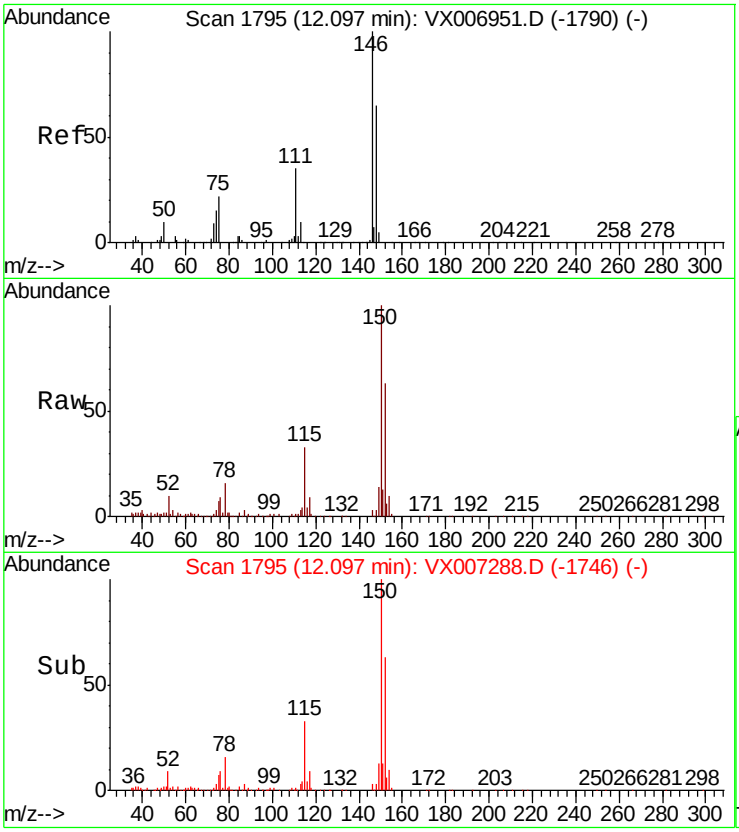


#81
trans-1,4-Dichloro-2-butene
Concen: 66.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion: 75 Resp: 170708

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.7	119.5#
89	0.0	38.0	57.0#

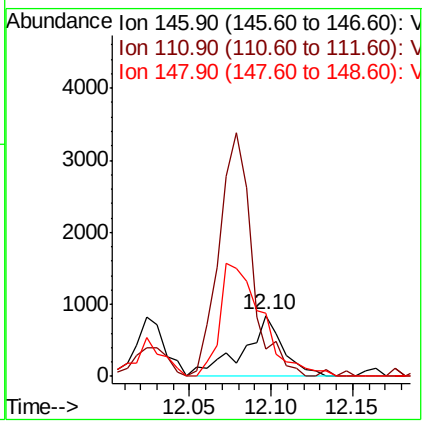


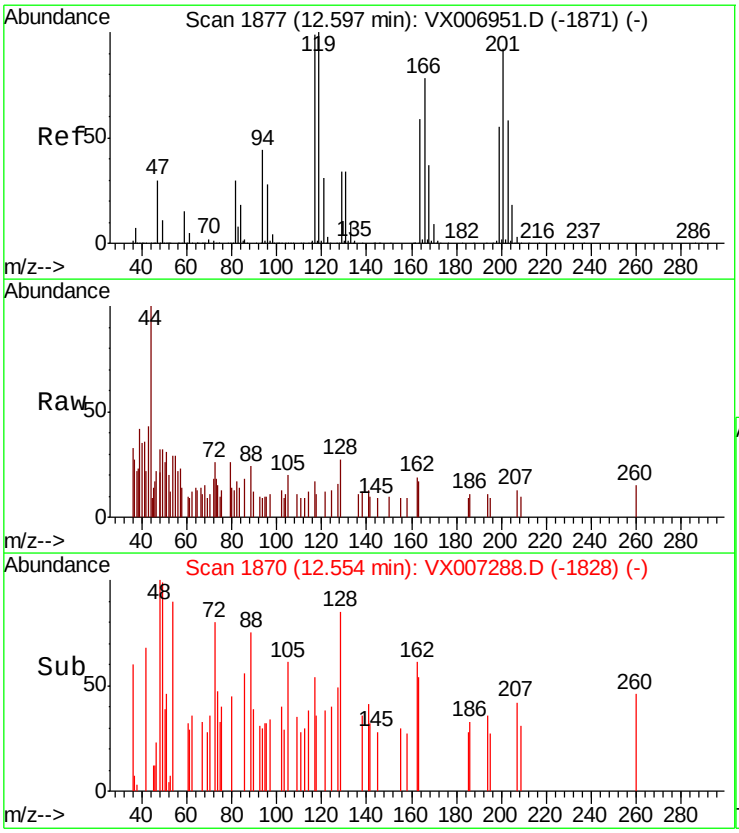


#88
1,4-Dichlorobenzene
Concen: 0.261 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:146 Resp: 1454

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.1	54.1#
148	0.0	31.9	95.9#





#90
Hexachloroethane
Concen: 2.923 ug/l
RT: 12.55 min Scan# 1870
Delta R.T. -0.04 min
Lab File: VX007288.D
Acq: 29 Jan 2019 15:15

Tgt Ion:117 Resp: 60

Ion	Ratio	Lower	Upper
117	100		
201	106.7	42.9	128.7