Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
Data File : VX001509.D
Acq On : 08 May 2018 13:06
Operator : JC/MD
Sample : J2659-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 09 06:43:28 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182738	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	223347	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.32%			
35) Dibromofluoromethane	5.51	113	174512	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.62%			
50) Toluene-d8	8.72	98	638244	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.84%			
62) 4-Bromofluorobenzene	11.14	95	211645	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.56%			
Target Compounds						Qvalue
5) Bromomethane	1.66	94	535	Below Cal		84
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1381	0.42	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	942	0.31	ug/l #	79
13) Acrolein	2.30	56	164	Below Cal	#	56
15) Acrylonitrile	3.15	53	384	0.20	ug/l #	76
16) Acetone	2.45	43	8752	4.89	ug/l	93
18) Methyl Acetate	2.78	43	1062	0.23	ug/l #	65
20) Methylene Chloride	2.86	84	1119	0.32	ug/l #	91
24) 1,1-Dichloroethane	3.70	63	9342	1.58	ug/l	97
25) 2-Butanone	4.71	43	630	0.24	ug/l #	49
27) cis-1,2-Dichloroethene	4.60	96	1142	0.32	ug/l	85
31) Cyclohexane	5.67	56	4929	0.97	ug/l #	7
32) 1,1,1-Trichloroethane	5.50	97	4229	0.80	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	16727	3.51	ug/l #	50
38) Carbon Tetrachloride	5.67	117	23995	4.72	ug/l #	15
44) Trichloroethene	7.22	130	17149	4.03	ug/l	99
49) 1,4-Dioxane	7.77	88	893	9.46	ug/l #	85
54) cis-1,3-Dichloropropene	9.06	75	168	2.29	ug/l #	19
60) Dibromochloromethane	9.34	129	2558	0.68	ug/l #	11
64) Tetrachloroethene	9.34	164	3098	0.68	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	107129	28.91	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	107129	88.55	ug/l #	7

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

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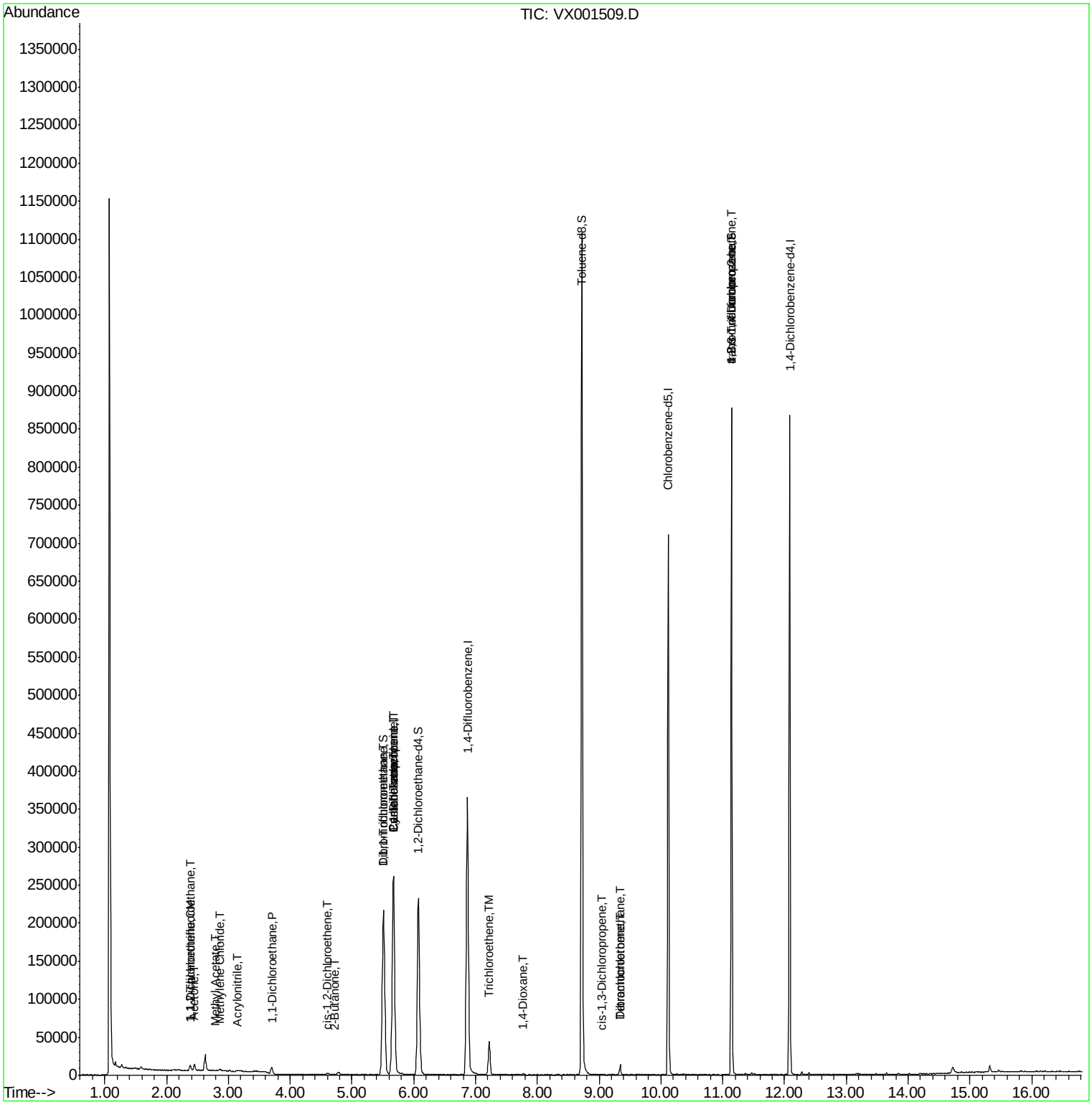
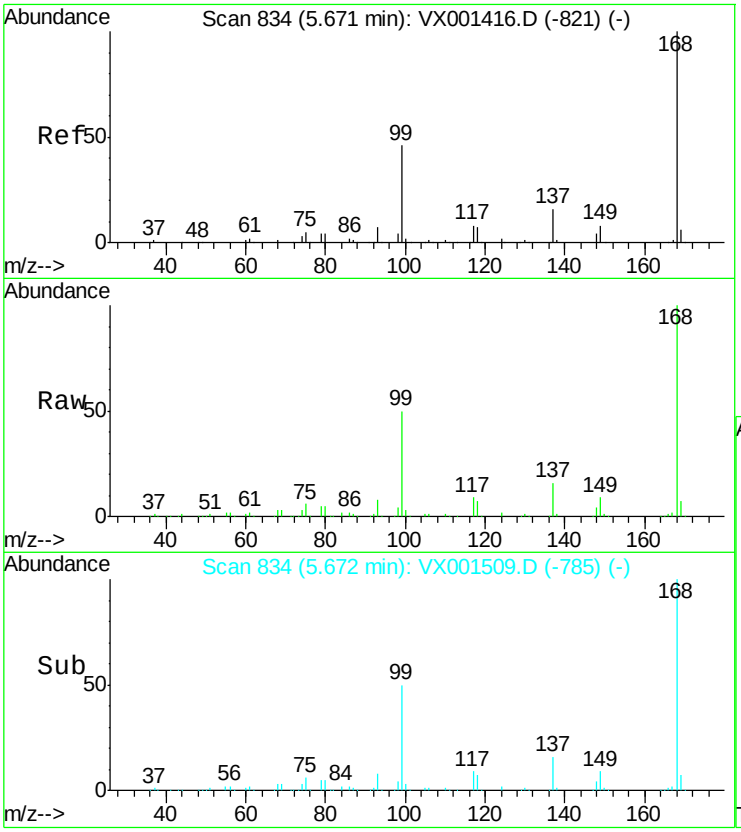
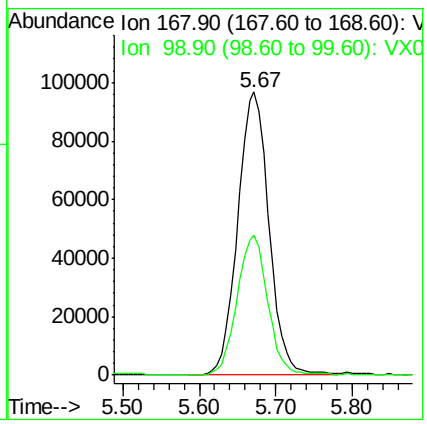


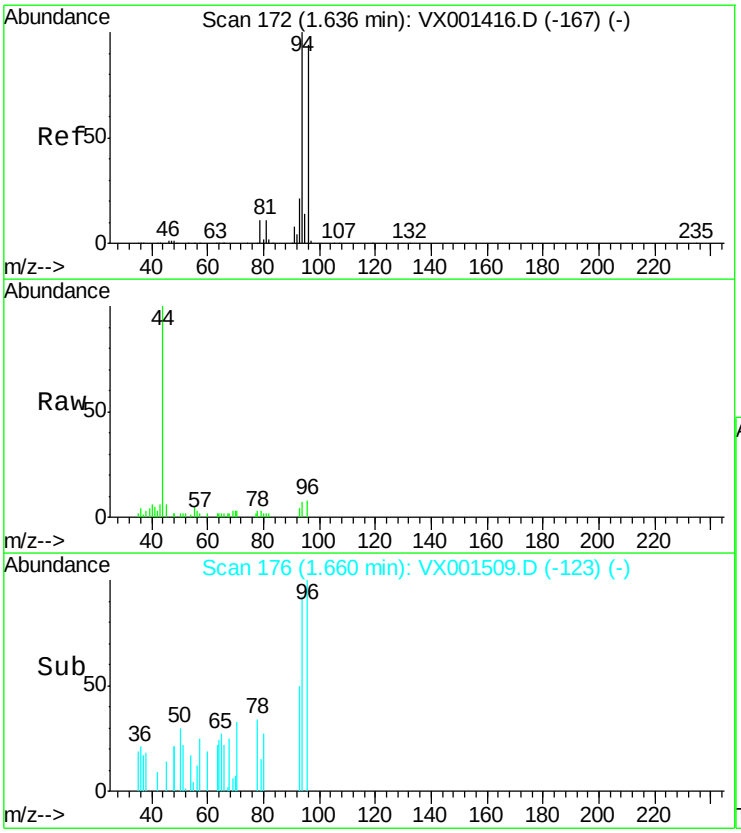


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:168 Resp: 274261

Ion	Ratio	Lower	Upper
168	100		
99	49.5	36.6	54.8

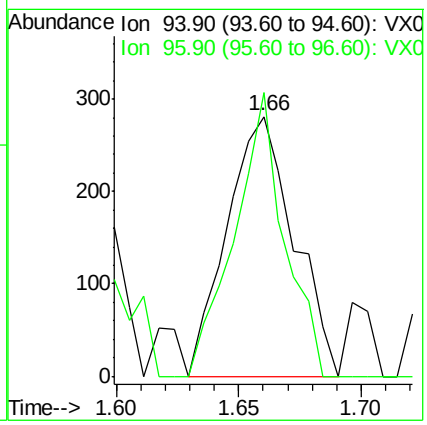


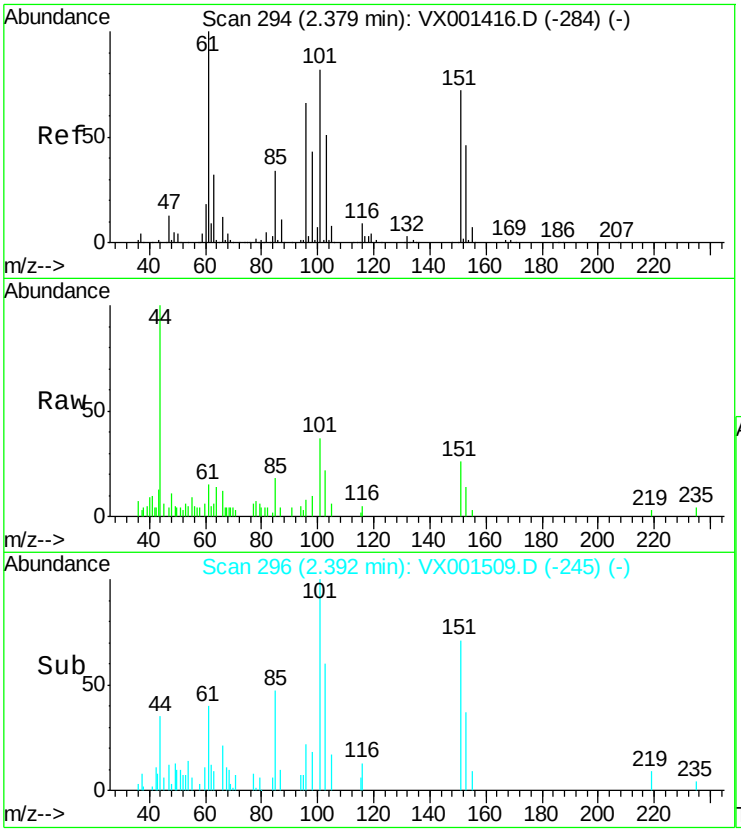


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 94 Resp: 535

Ion	Ratio	Lower	Upper
94	100		
96	109.3	75.0	112.6

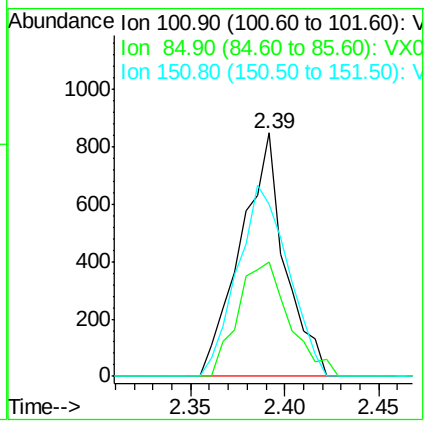


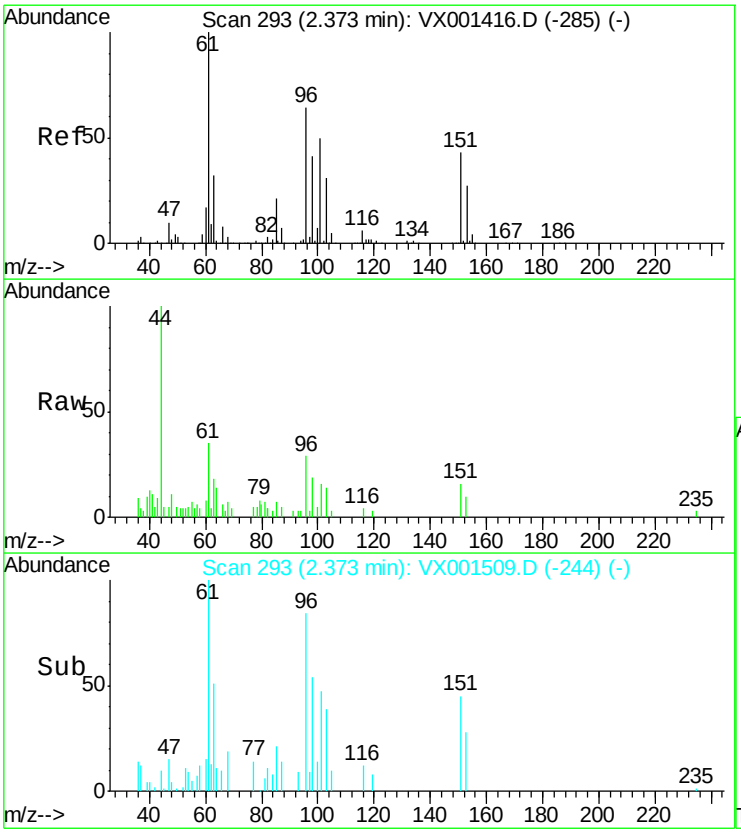


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.42 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:101 Resp: 1381

Ion	Ratio	Lower	Upper
101	100		
85	54.8	33.7	50.5#
151	90.2	72.3	108.5

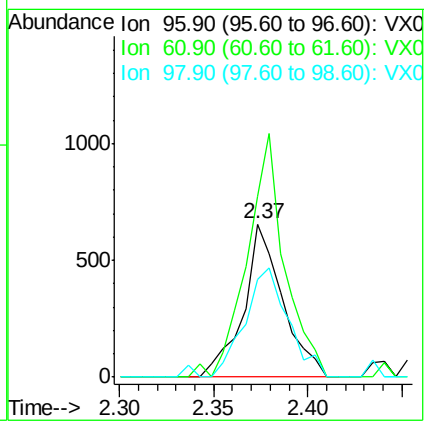


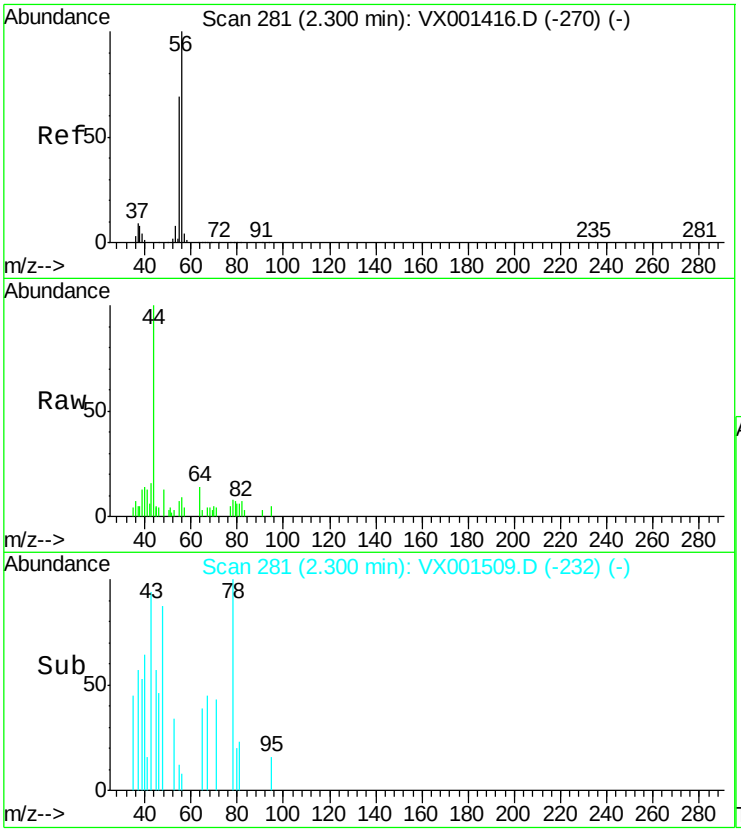


#12
1,1-Dichloroethene
Concen: 0.31 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 96 Resp: 942

Ion	Ratio	Lower	Upper
96	100		
61	118.5	125.7	188.5#
98	64.3	52.0	78.0

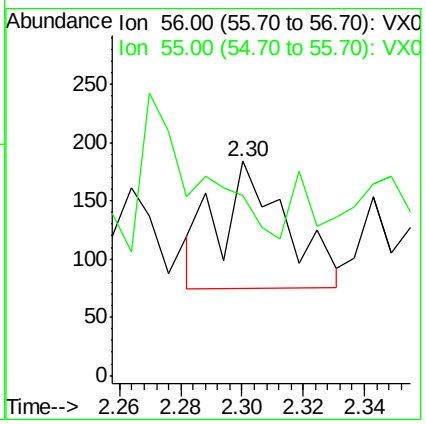


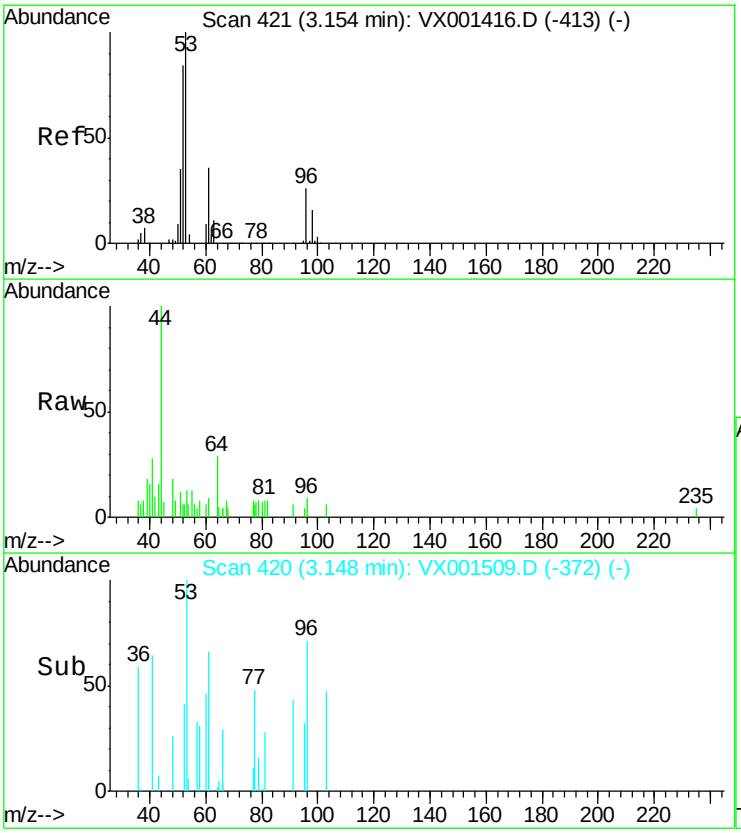


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 56 Resp: 164

Ion	Ratio	Lower	Upper
56	100		
55	32.9	54.5	81.7#

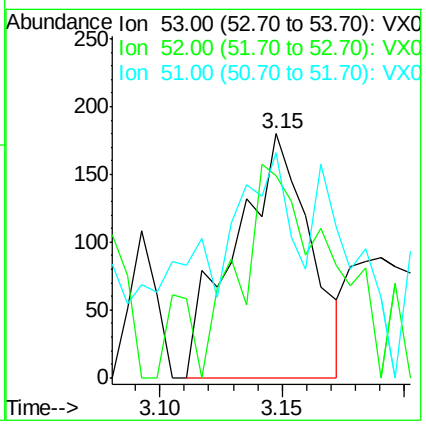


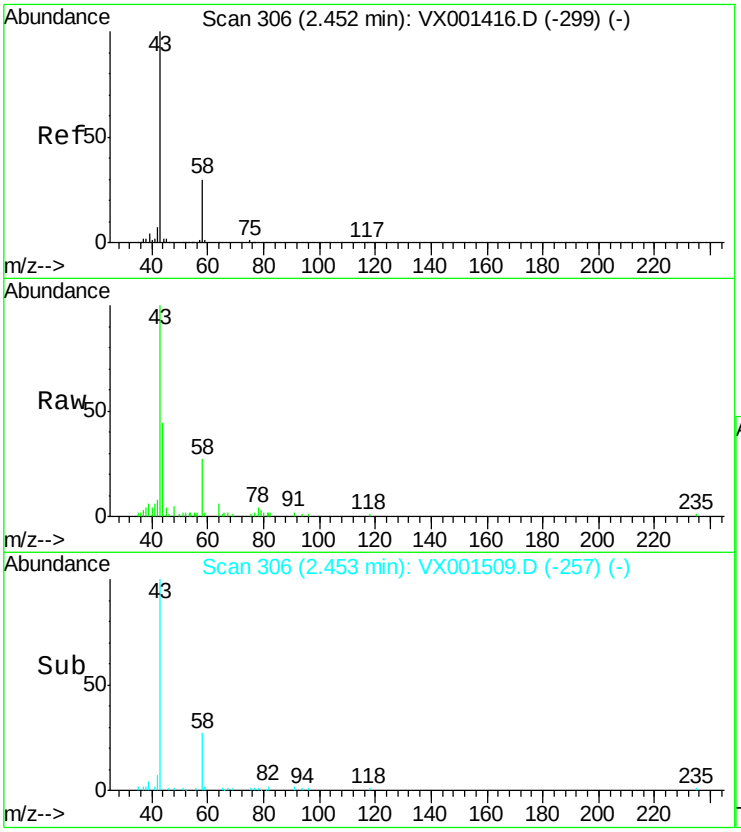


#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 53 Resp: 384

Ion	Ratio	Lower	Upper
53	100		
52	109.1	66.2	99.2#
51	41.9	28.6	43.0

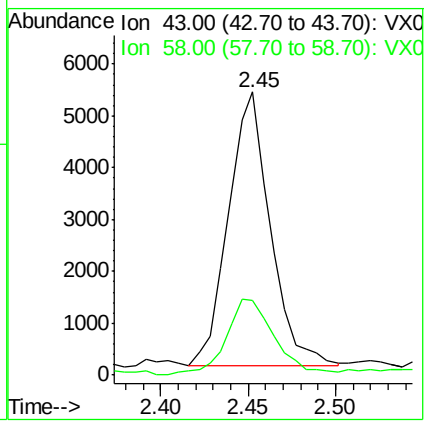


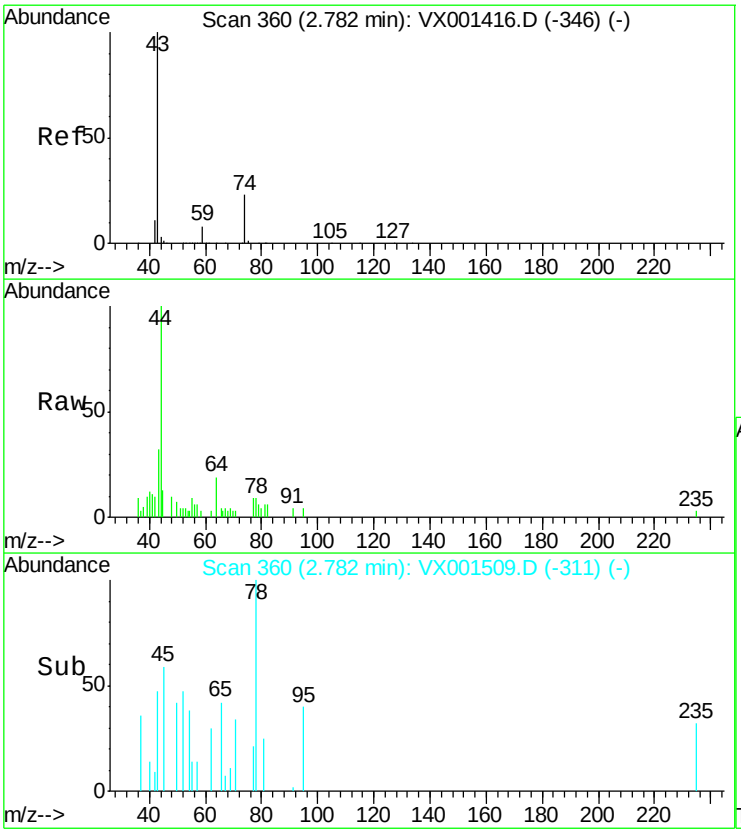


#16
Acetone
Concen: 4.89 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 43 Resp: 8752

Ion	Ratio	Lower	Upper
43	100		
58	26.2	23.8	35.8

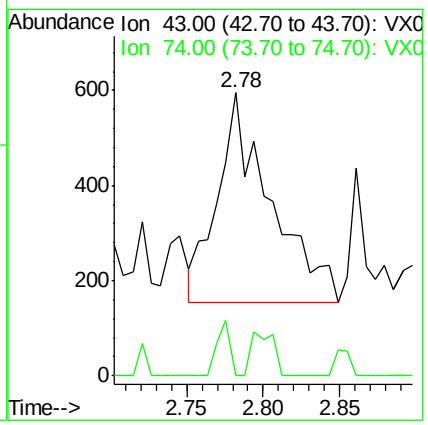


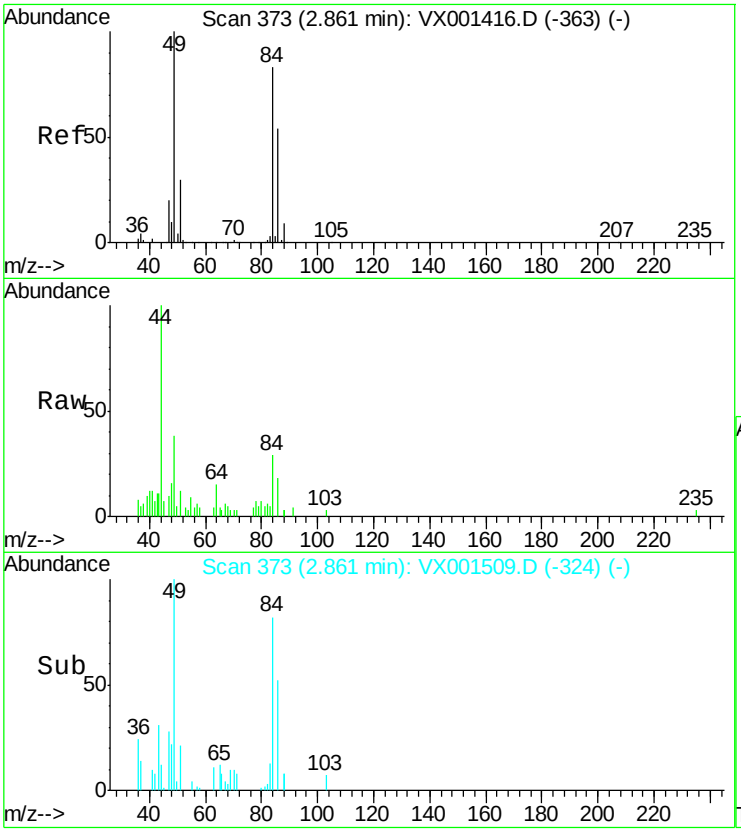


#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 43 Resp: 1062

Ion	Ratio	Lower	Upper
43	100		
74	6.3	18.6	27.8#

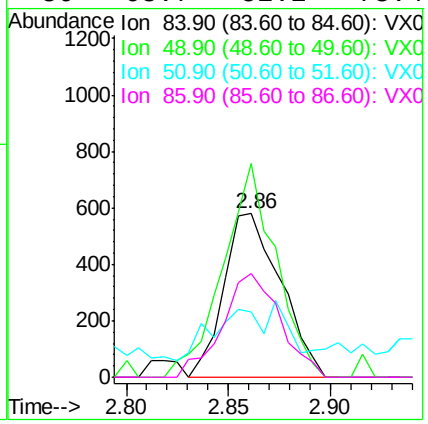


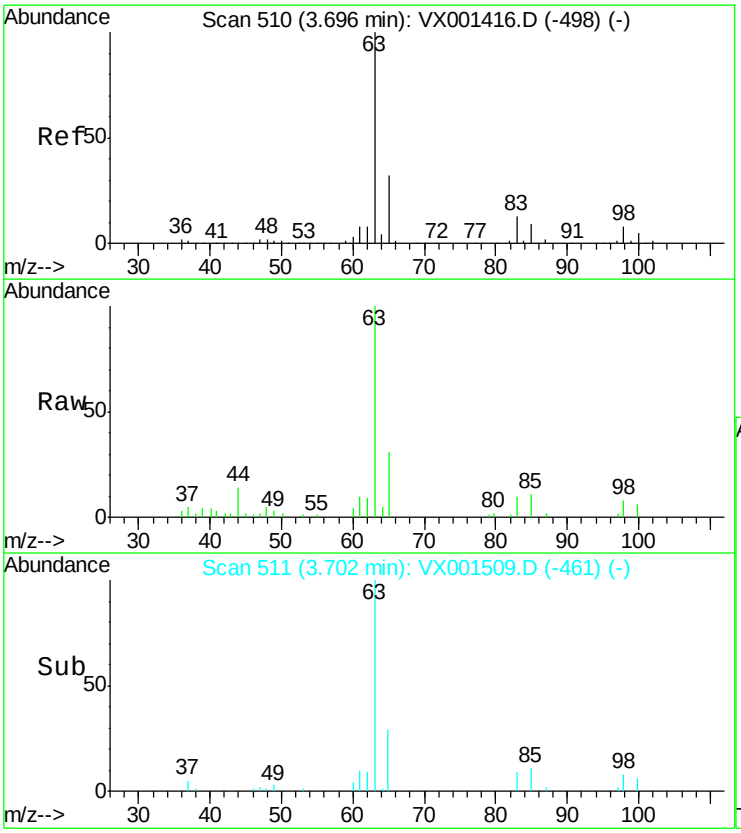


#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 84 Resp: 1119

Ion	Ratio	Lower	Upper
84	100		
49	130.7	96.6	144.8
51	25.0	29.0	43.4#
86	63.7	52.2	78.4

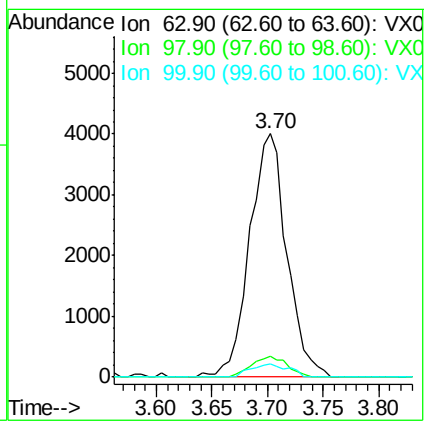


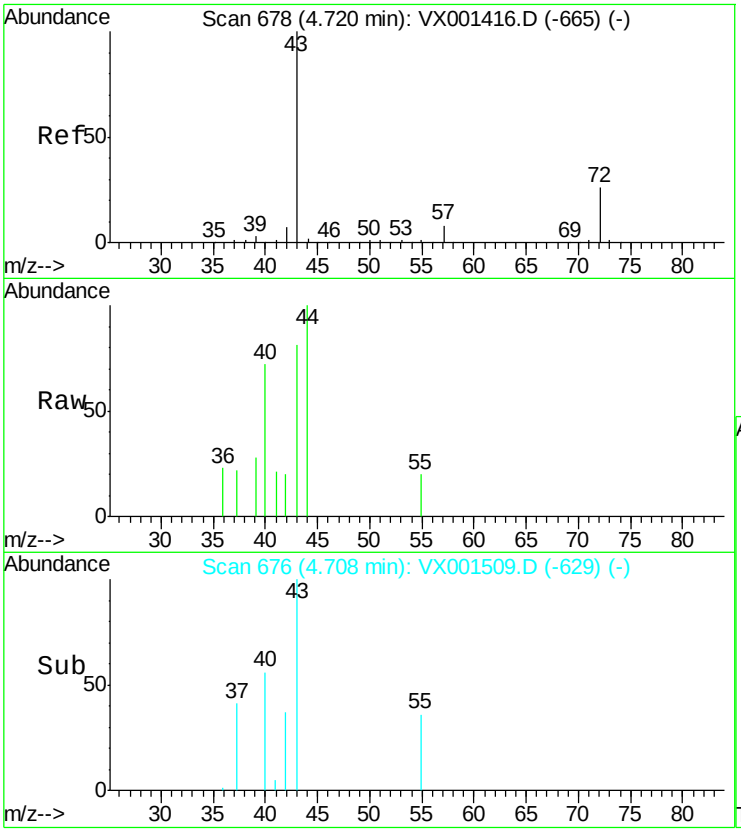


#24
1,1-Dichloroethane
Concen: 1.58 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 63 Resp: 9342

Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.8	11.4
100	5.6	2.4	7.1

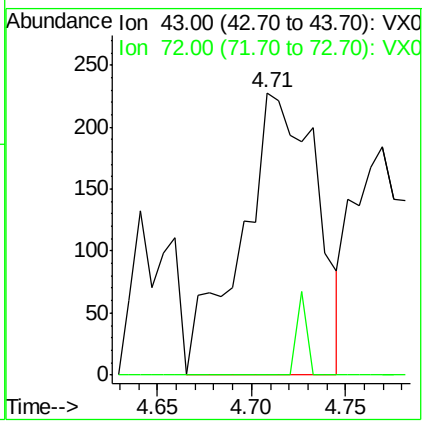


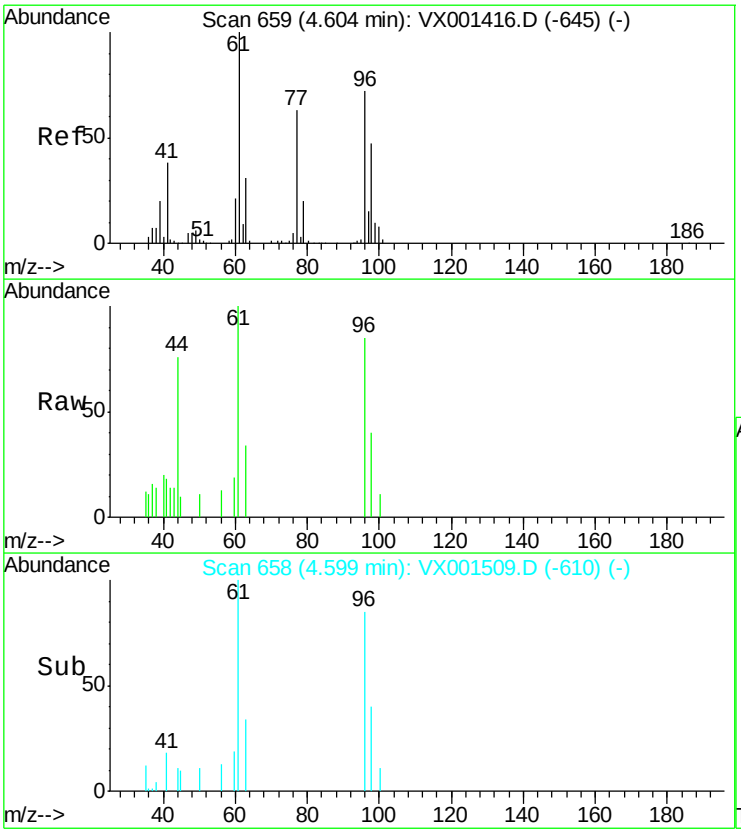


#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.7	31.1#

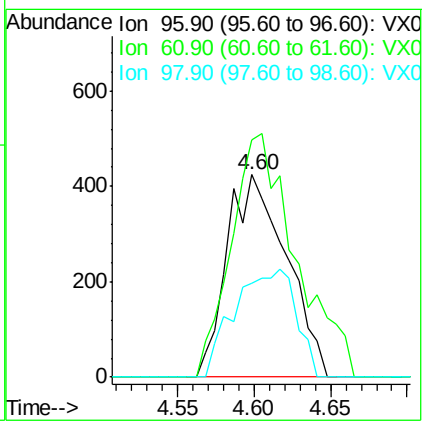


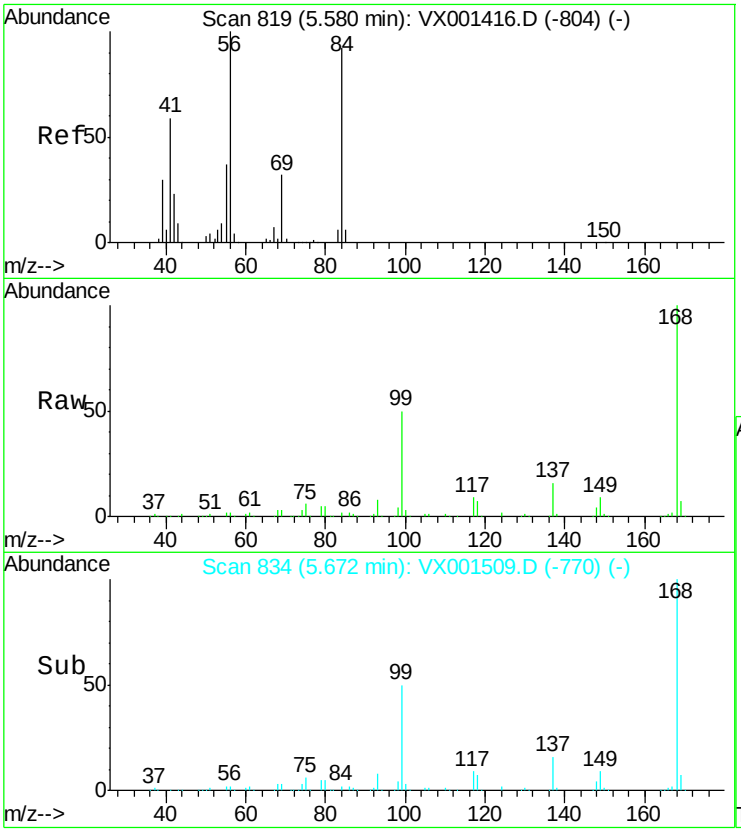


#27
cis-1,2-Dichloroethene
Concen: 0.32 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 96 Resp: 1142

Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	301.6
98	55.3	0.0	131.6

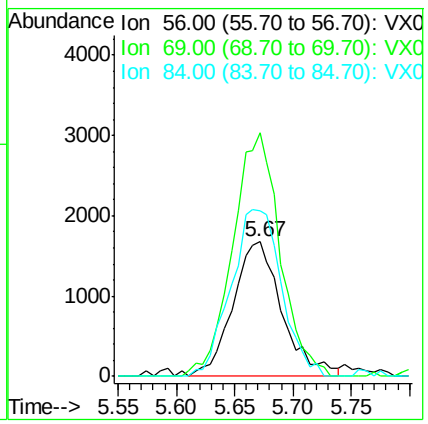


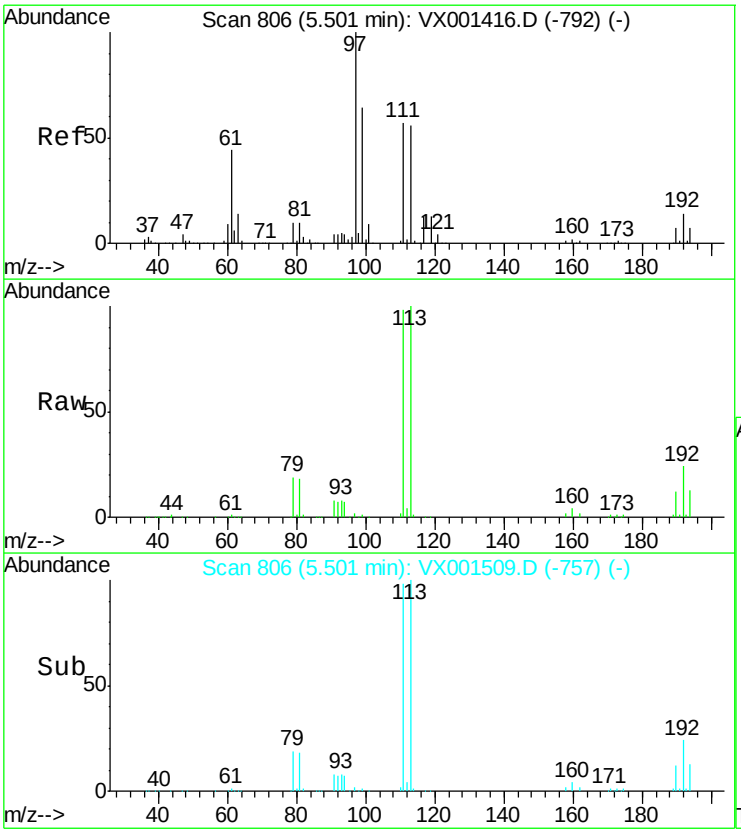


#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 56 Resp: 4929

Ion	Ratio	Lower	Upper
56	100		
69	181.0	25.4	38.0#
84	123.4	73.8	110.8#

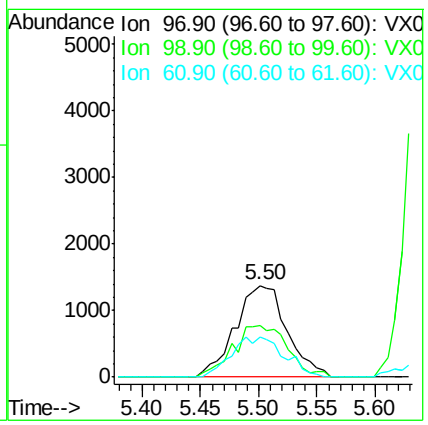


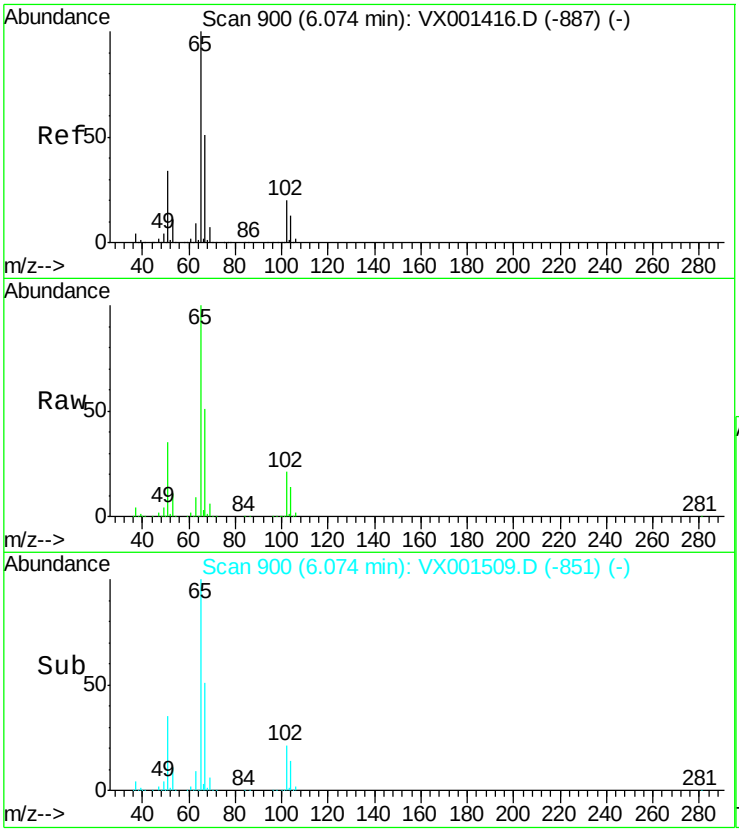


#32
1,1,1-Trichloroethane
Concen: 0.80 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 97 Resp: 4229

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	44.8	34.8	52.2

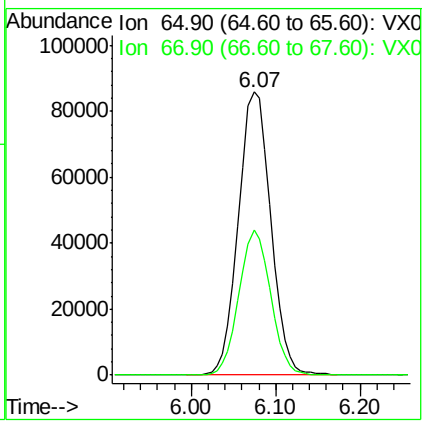


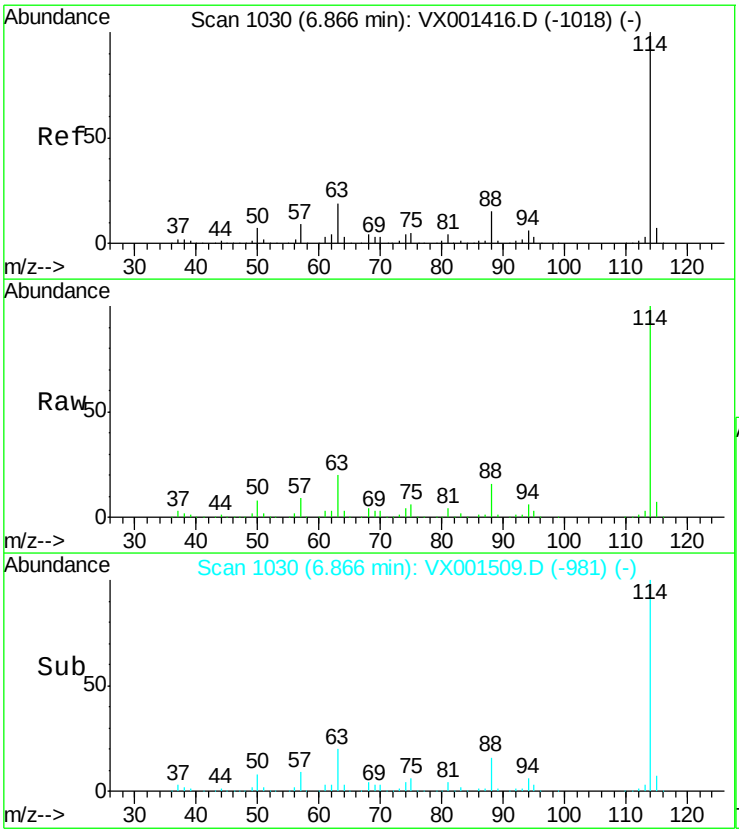


#33
1,2-Dichloroethane-d4
Concen: 56.66 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 65 Resp: 223347

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.8

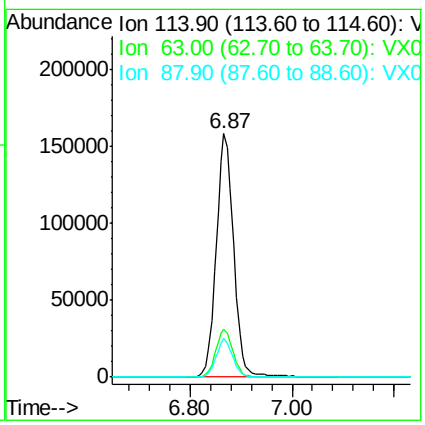


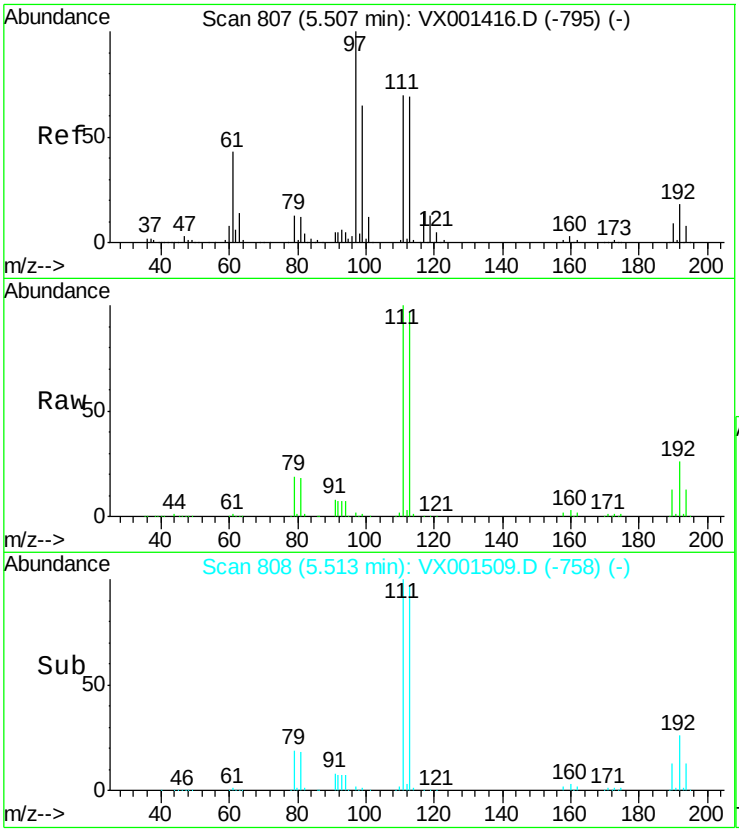


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:114 Resp: 375027

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	15.7	0.0	30.8

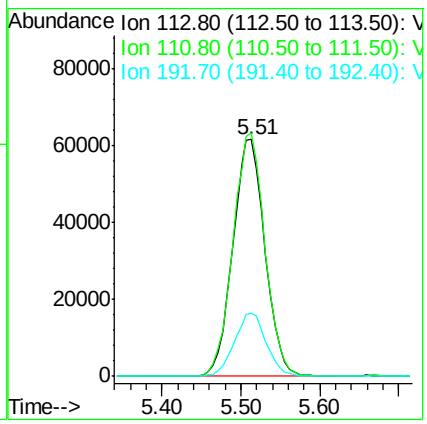


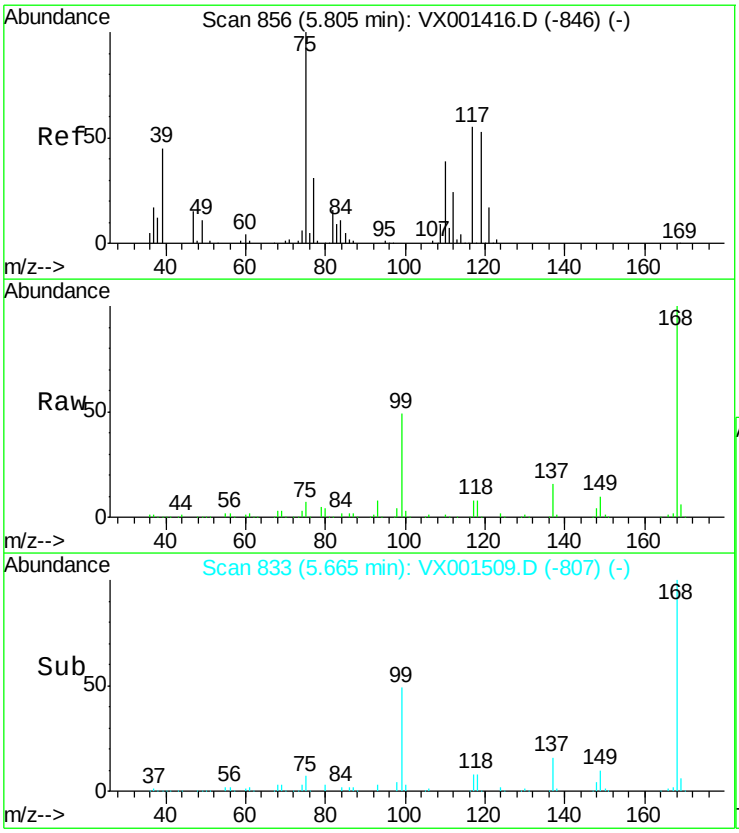


#35
Dibromofluoromethane
Concen: 52.31 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:113 Resp: 174512

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.2
192	26.2	21.4	32.0

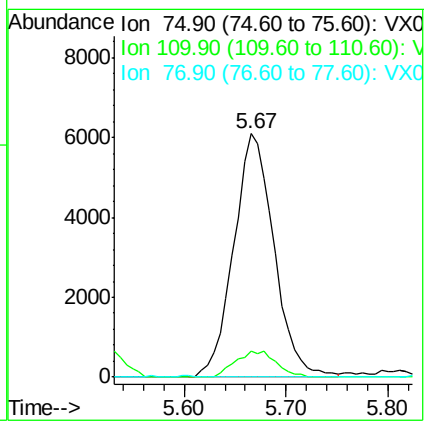


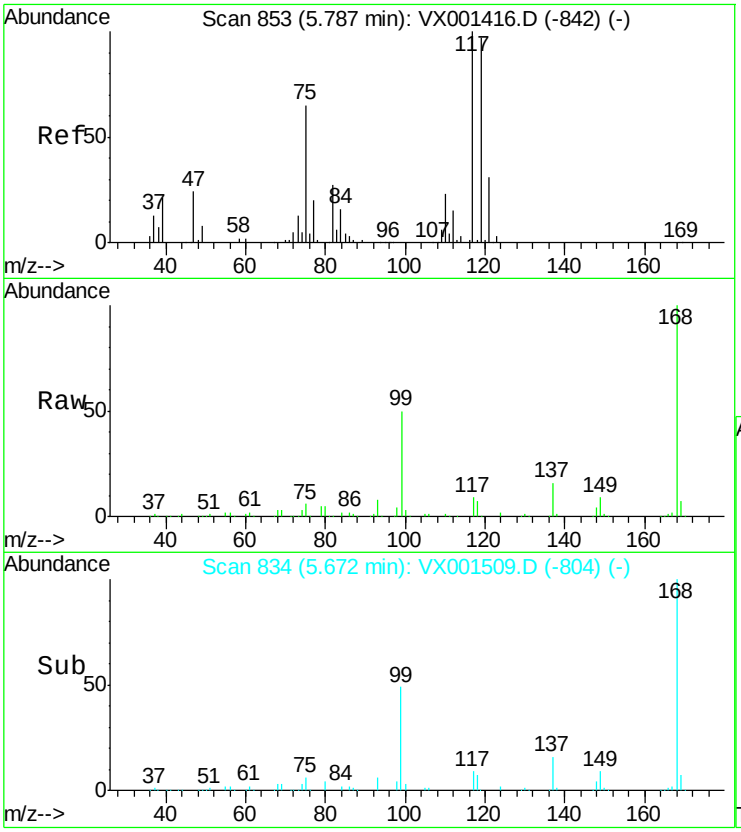


#36
1,1-Dichloropropene
Concen: 3.51 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 75 Resp: 16727

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.9	56.7#
77	0.0	24.9	37.3#

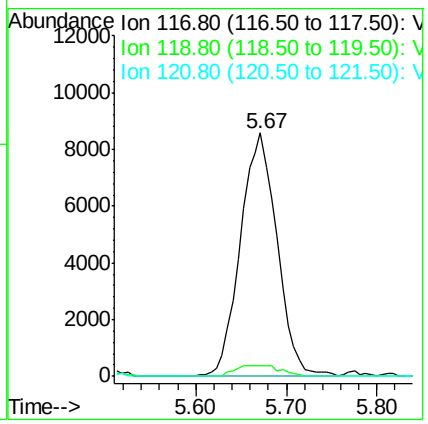


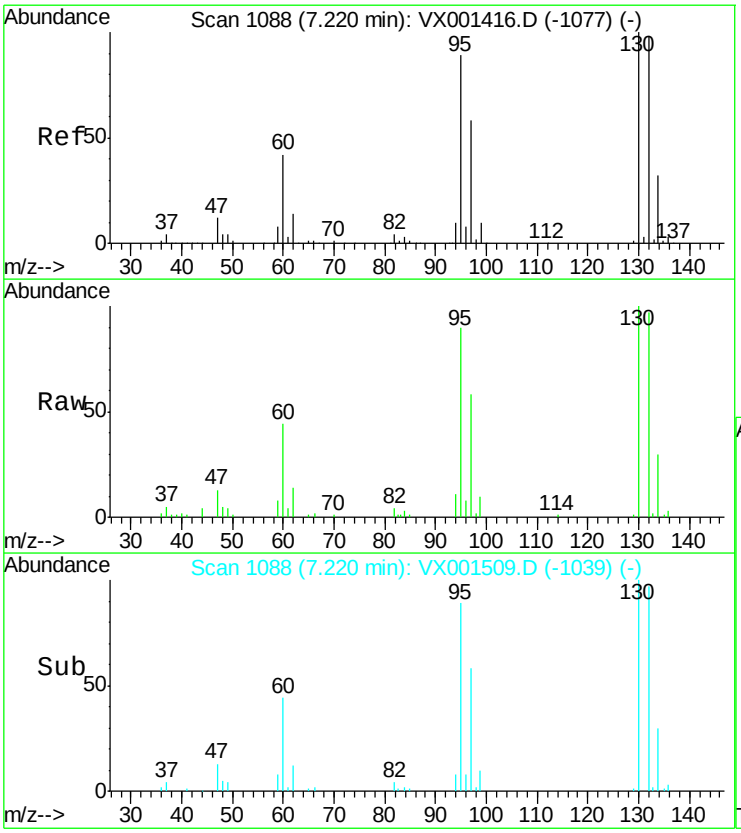


#38
Carbon Tetrachloride
Concen: 4.72 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:117 Resp: 23995

Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.0	115.6#
121	0.0	25.1	37.7#

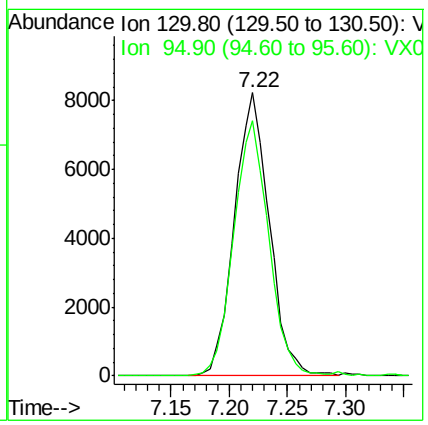


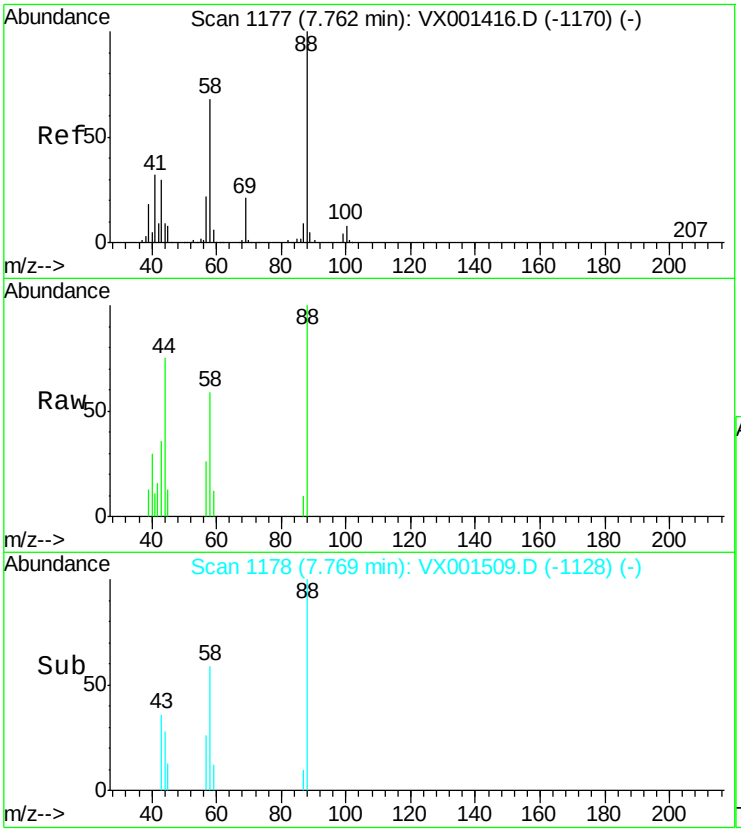


#44
Trichloroethene
Concen: 4.03 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:130 Resp: 17149

Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	178.4

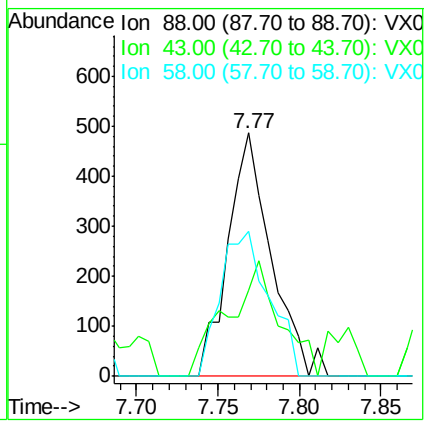


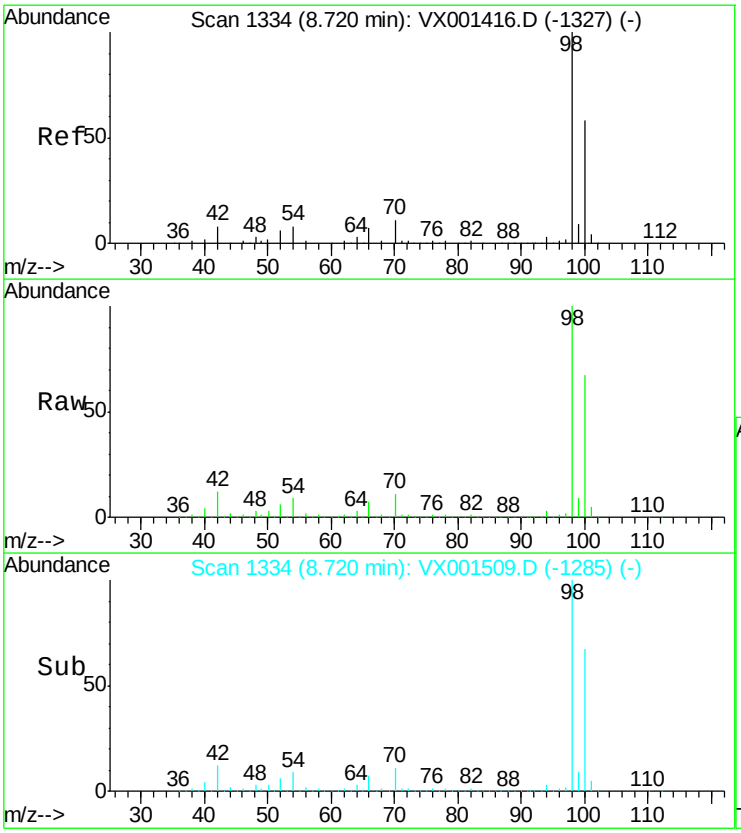


#49
1,4-Dioxane
Concen: 9.46 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 88 Resp: 893

Ion	Ratio	Lower	Upper
88	100		
43	58.5	26.4	39.6#
58	67.3	54.1	81.1

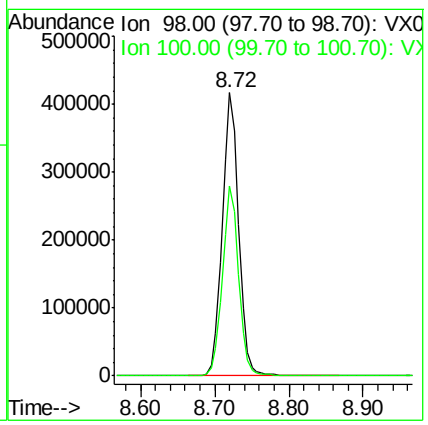


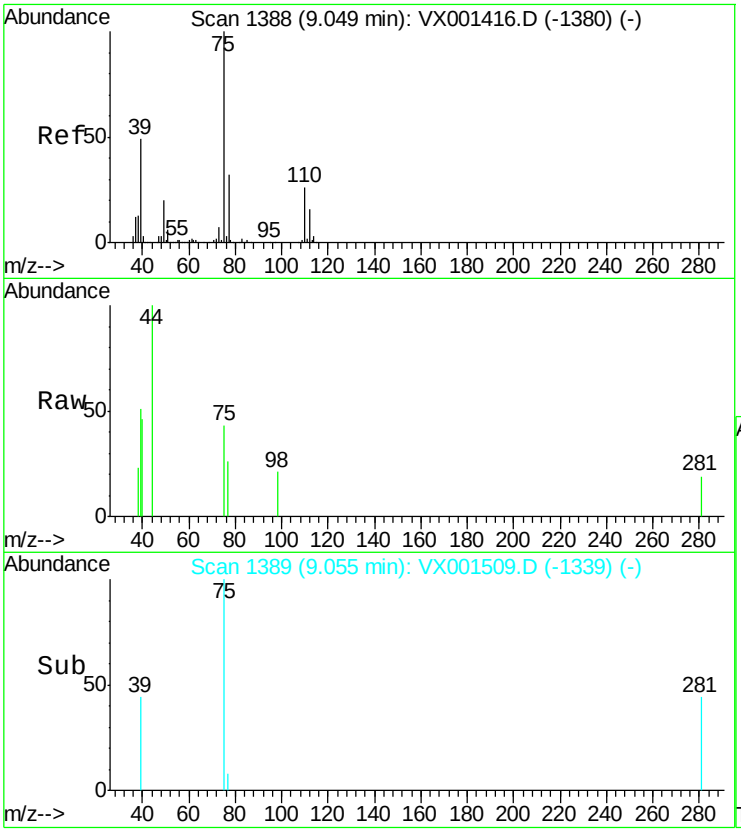


#50
Toluene-d8
Concen: 52.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 98 Resp: 638244

Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.0	81.0

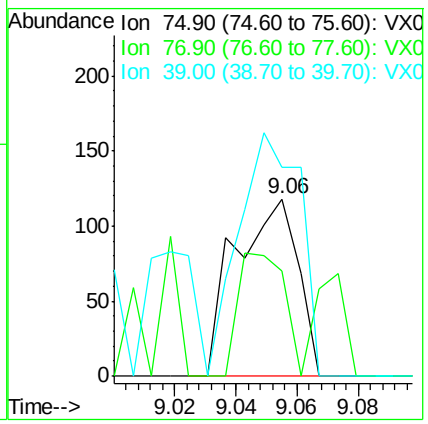


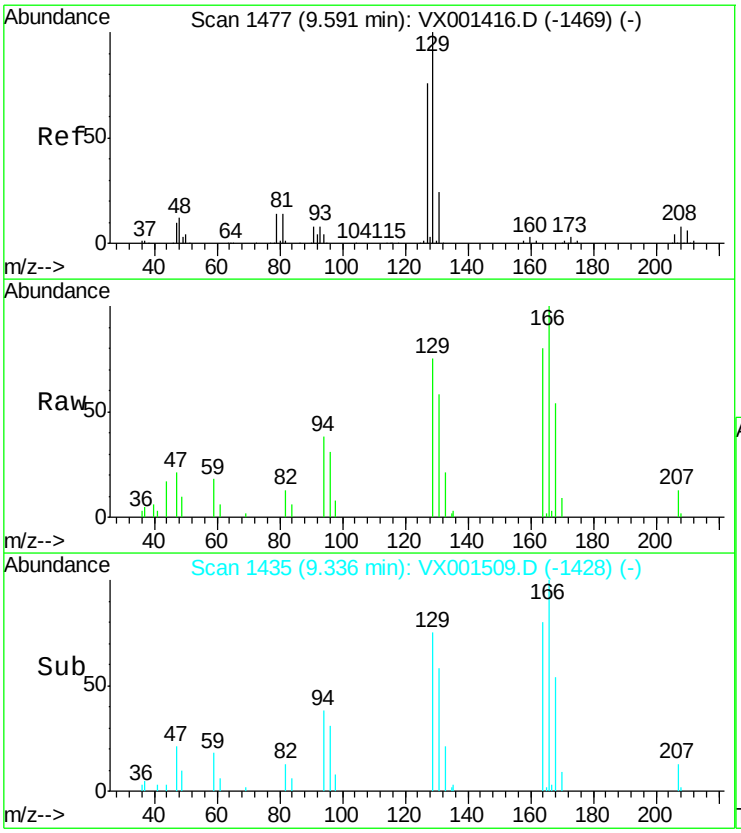


#54
cis-1,3-Dichloropropene
Concen: 2.29 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 75 Resp: 168

Ion	Ratio	Lower	Upper
75	100		
77	59.3	25.5	38.3#
39	117.8	38.9	58.3#

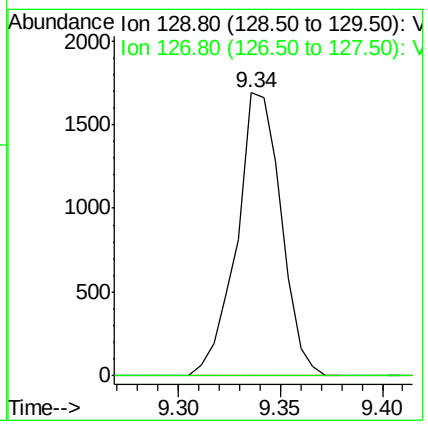


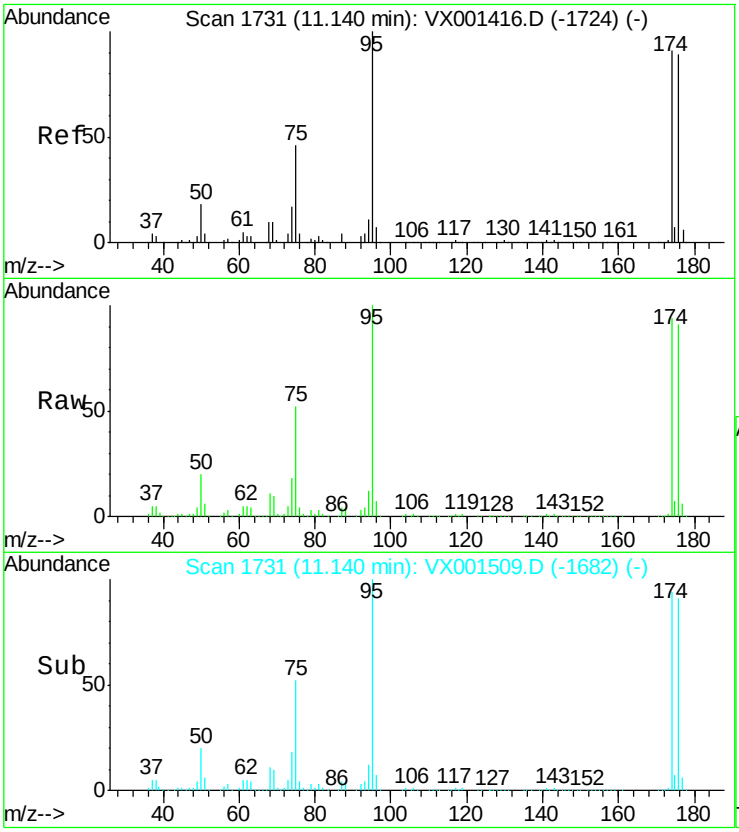


#60
Dibromochloromethane
Concen: 0.68 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.26 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:129 Resp: 2558

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.1	114.5#

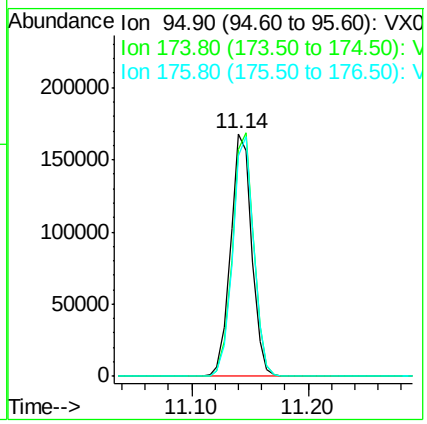


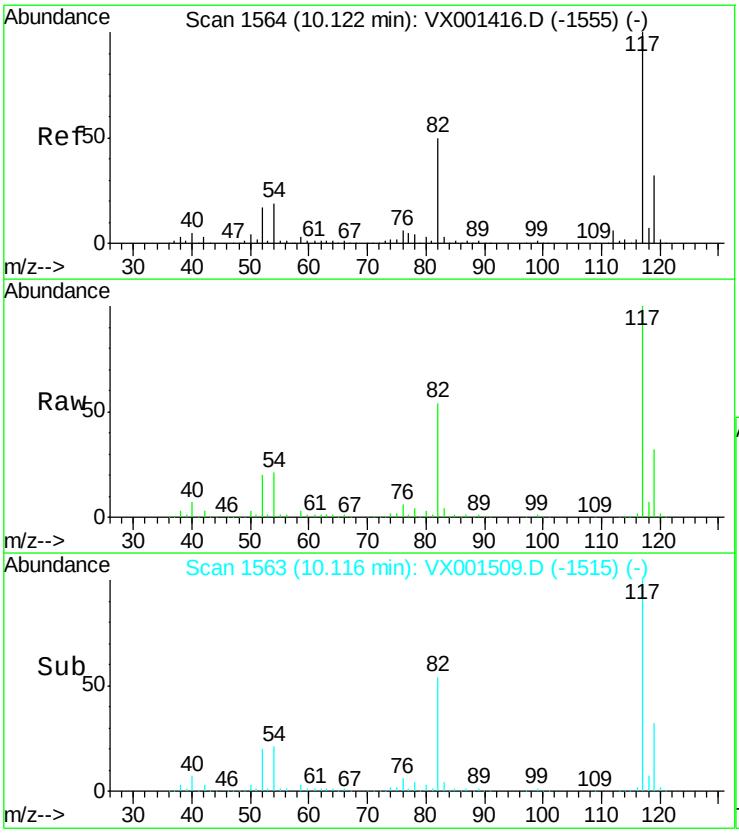


#62
4-Bromofluorobenzene
Concen: 45.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 95 Resp: 211645

Ion	Ratio	Lower	Upper
95	100		
174	100.9	0.0	202.0
176	98.5	0.0	197.4

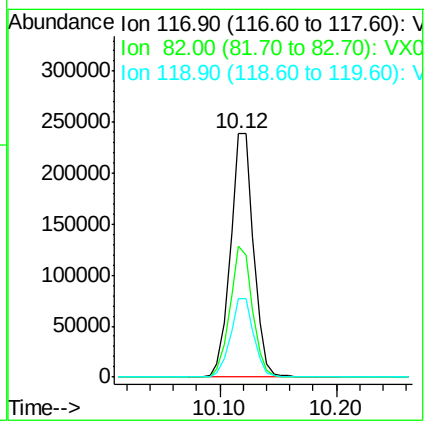


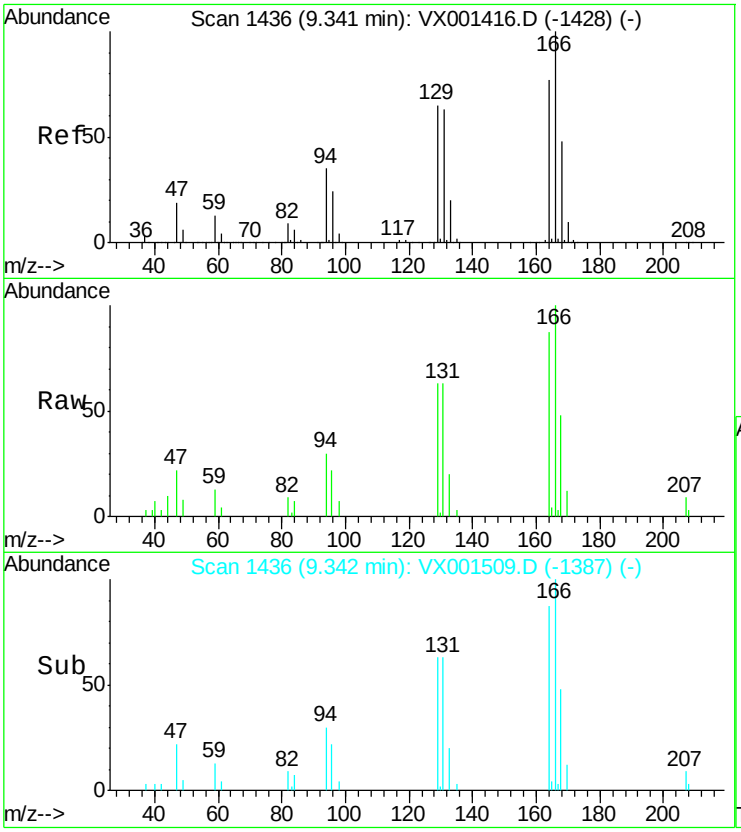


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:117 Resp: 329229

Ion	Ratio	Lower	Upper
117	100		
82	53.6	40.0	60.0
119	32.3	25.8	38.8

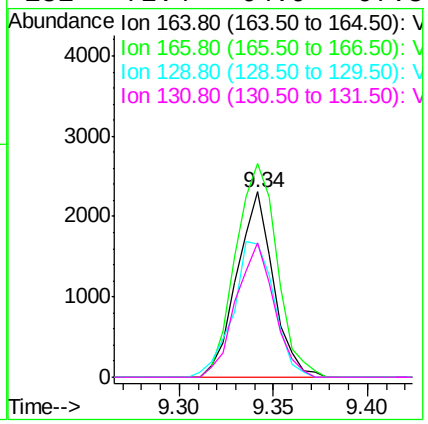


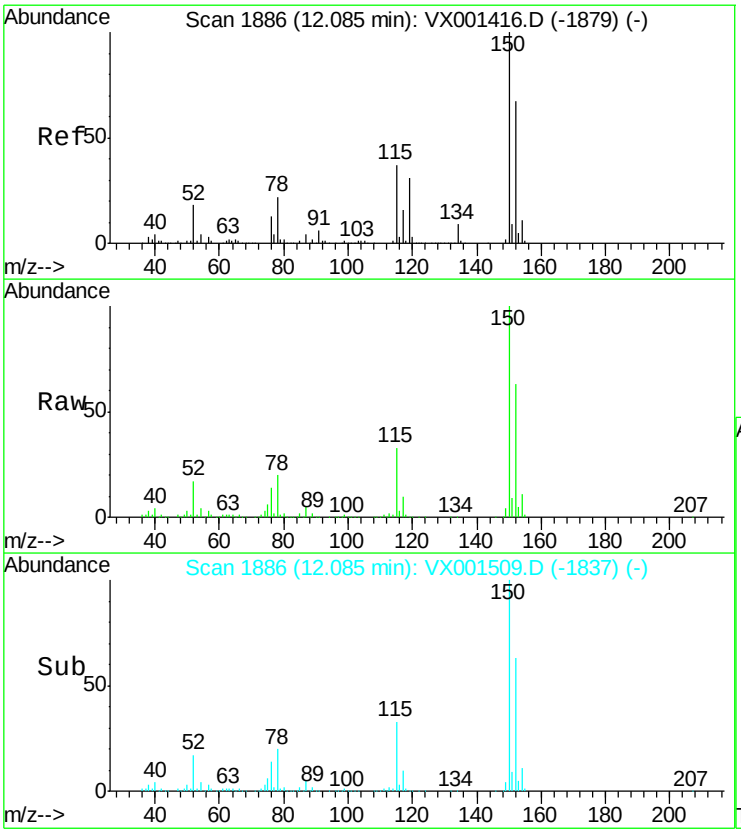


#64
Tetrachloroethene
Concen: 0.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:164 Resp: 3098

Ion	Ratio	Lower	Upper
164	100		
166	115.2	103.5	155.3
129	72.0	66.7	100.1
131	72.4	64.9	97.3

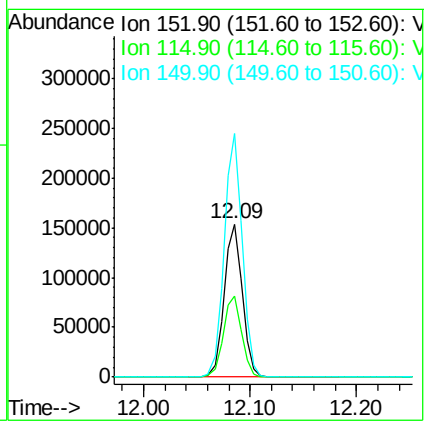


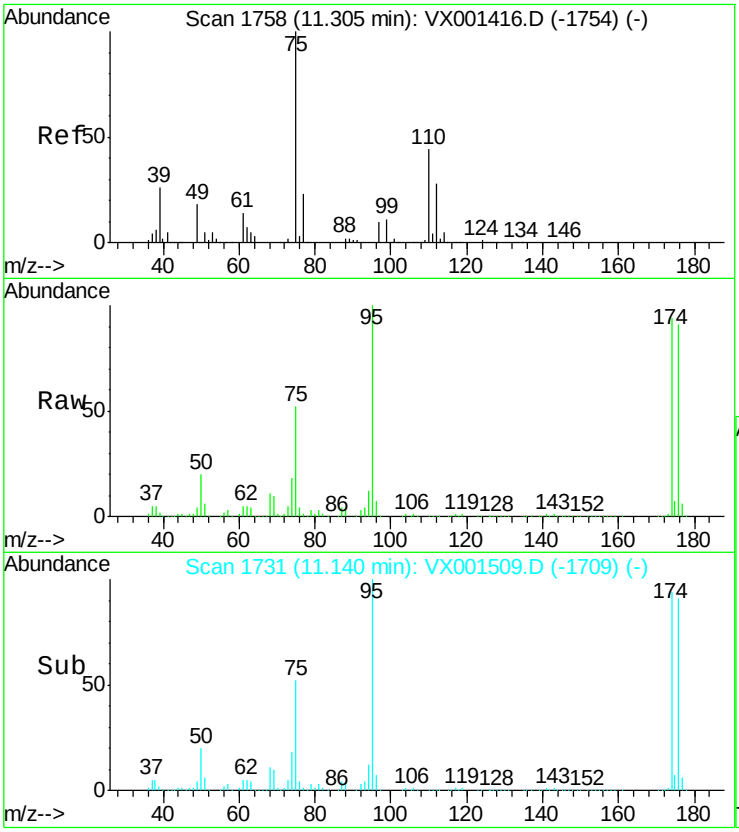


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion:152 Resp: 182738

Ion	Ratio	Lower	Upper
152	100		
115	53.4	37.7	113.1
150	158.6	0.0	349.4

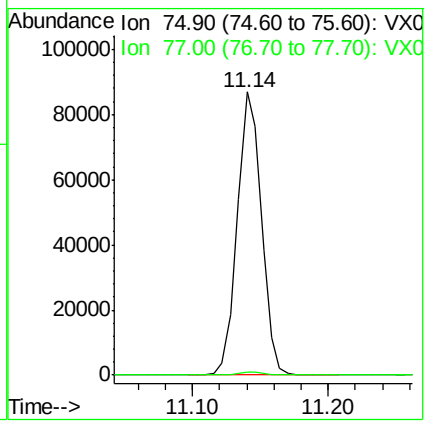


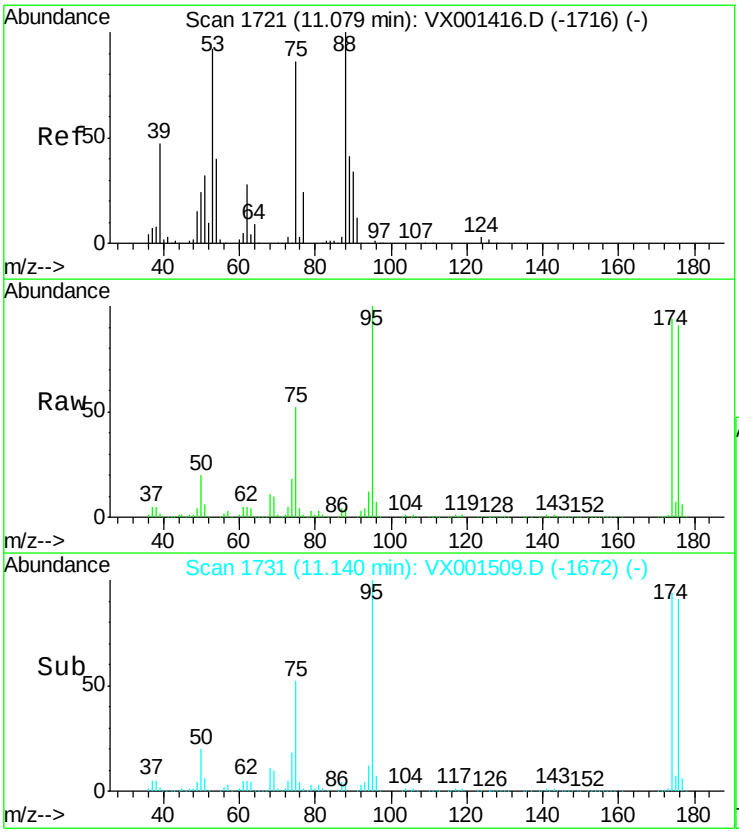


#76
1,2,3-Trichloropropane
Concen: 28.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 75 Resp: 107129

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.6	58.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001509.D
Acq: 08 May 2018 13:06

Tgt Ion: 75 Resp: 107129

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.5	126.7#
89	0.0	39.5	59.3#