Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
Data File : VD061110.D
Acq On : 16 Mar 2019 15:37
Operator : VA/AP
Sample : K1905-05
Misc : 5.97g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 02:27:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

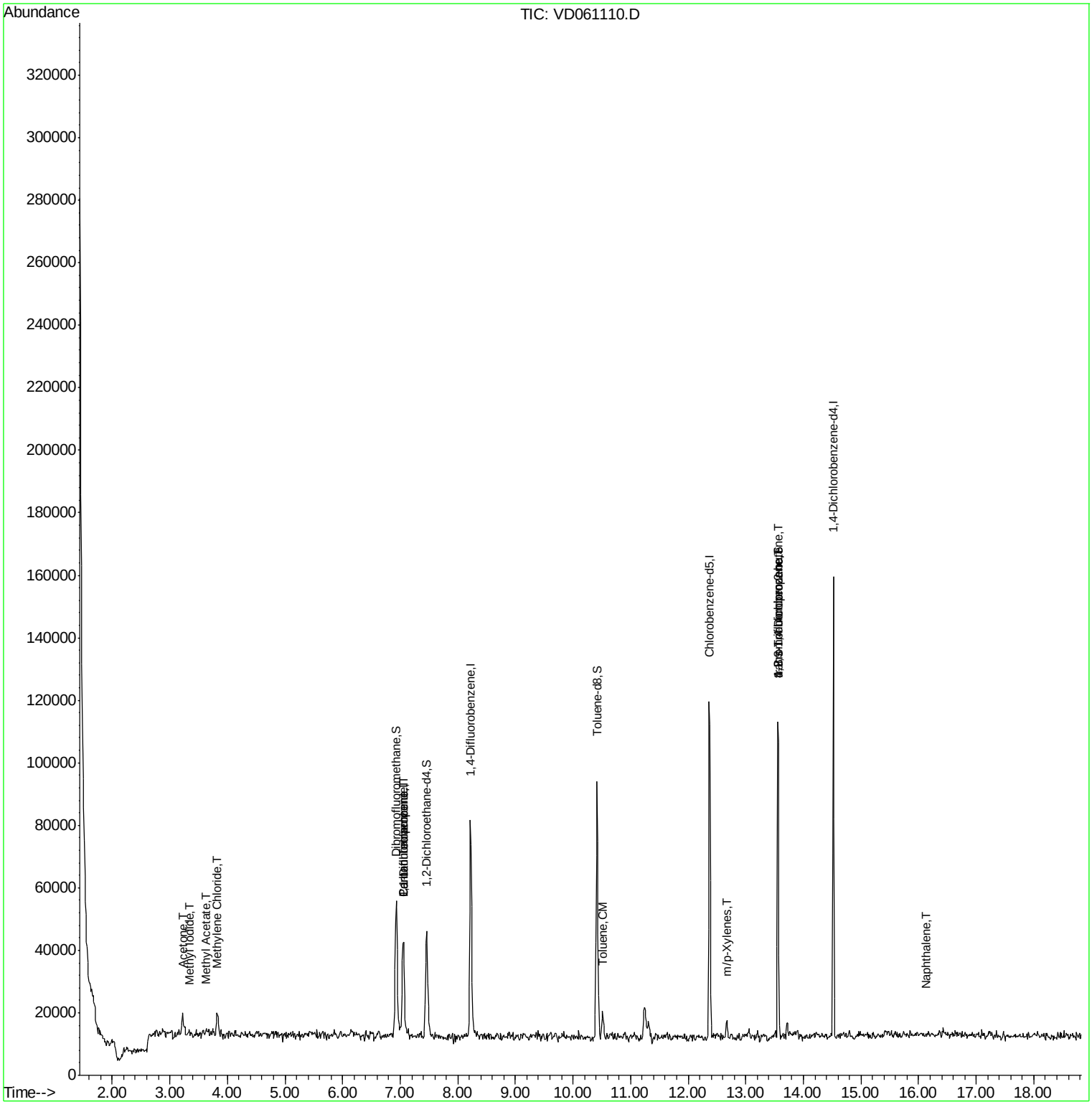
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	37420	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	83993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	74445	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	32410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	36477	117.11	ug/l	0.01
Spiked Amount 50.000			Recovery = 234.22%			
35) Dibromofluoromethane	6.93	113	43164	69.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 138.50%			
50) Toluene-d8	10.41	98	71925	45.95	ug/l	0.01
Spiked Amount 50.000			Recovery = 91.90%			
62) 4-Bromofluorobenzene	13.55	95	35931	59.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 118.32%			
Target Compounds						Qvalue
10) Methyl Iodide	3.34	142	221	3.263	ug/l #	39
16) Acetone	3.22	43	12601	141.473	ug/l	100
18) Methyl Acetate	3.64	43	1414	8.067	ug/l #	59
20) Methylene Chloride	3.83	84	4180	6.208	ug/l #	83
36) 1,1-Dichloropropene	7.06	75	2241	3.095	ug/l #	39
38) Carbon Tetrachloride	7.06	117	2899	3.635	ug/l #	11
52) Toluene	10.51	92	5188	4.612	ug/l	95
68) m/p-Xylenes	12.67	106	2906	3.408	ug/l #	60
76) 1,2,3-Trichloropropane	13.55	75	10841	23.250	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.55	75	12784	92.996	ug/l #	17
95) Naphthalene	16.12	128	982	1.569	ug/l #	70

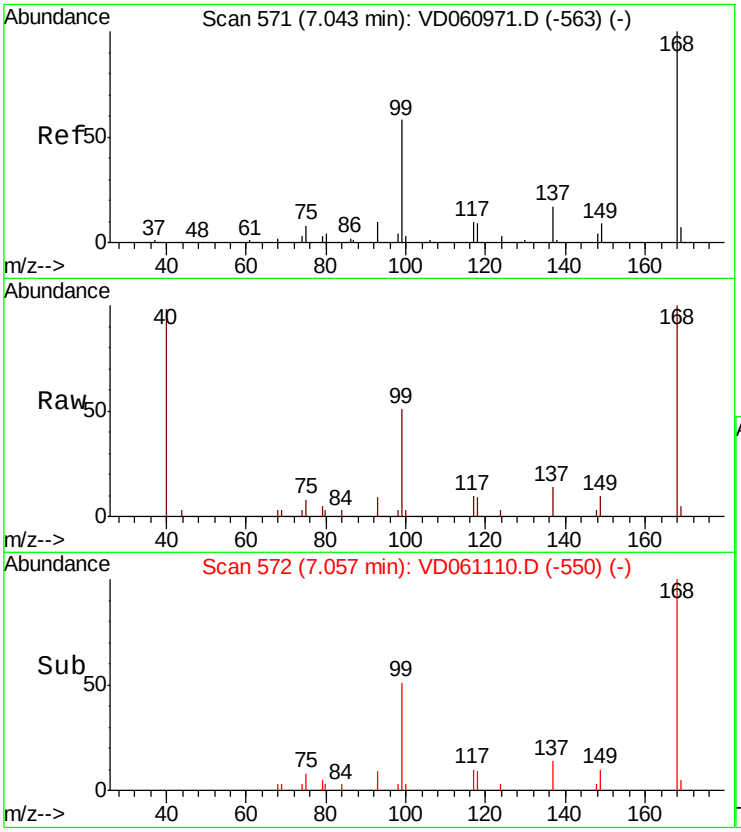
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
Data File : VD061110.D
Acq On : 16 Mar 2019 15:37
Operator : VA/AP
Sample : K1905-05
Misc : 5.97g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 18 02:27:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

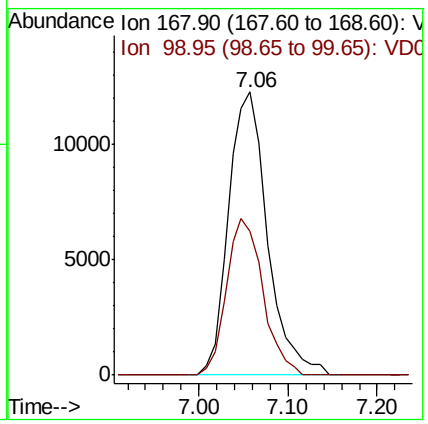


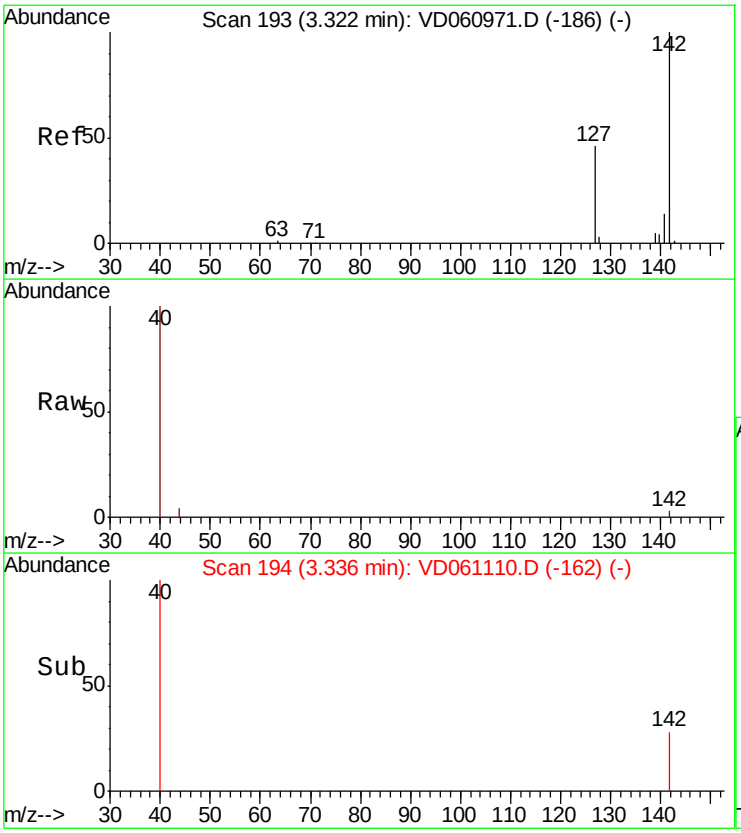


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:168 Resp: 37420

Ion	Ratio	Lower	Upper
168	100		
99	50.8	47.3	70.9

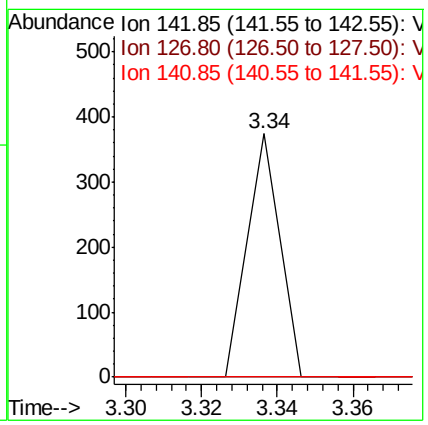


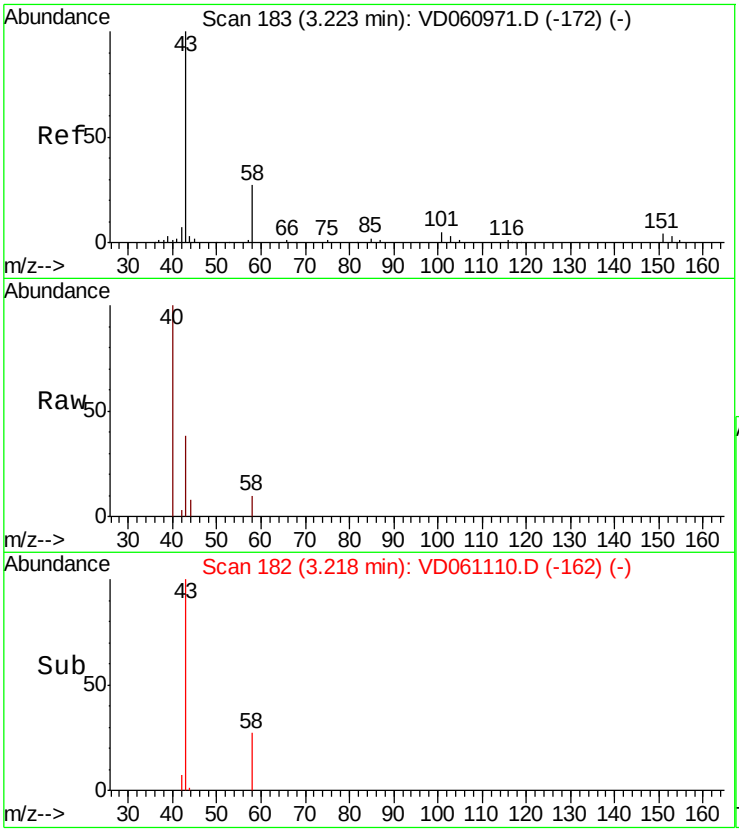


#10
Methyl Iodide
Concen: 3.263 ug/l
RT: 3.34 min Scan# 194
Delta R.T. 0.02 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:142 Resp: 221

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#
141	0.0	11.2	16.8#

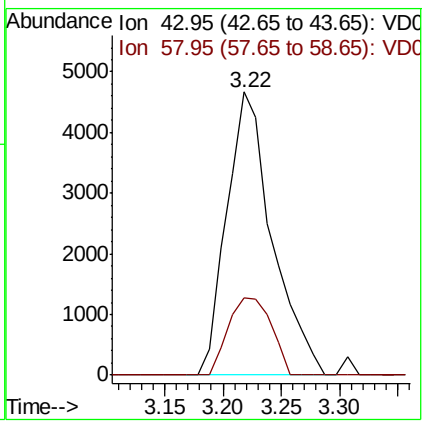


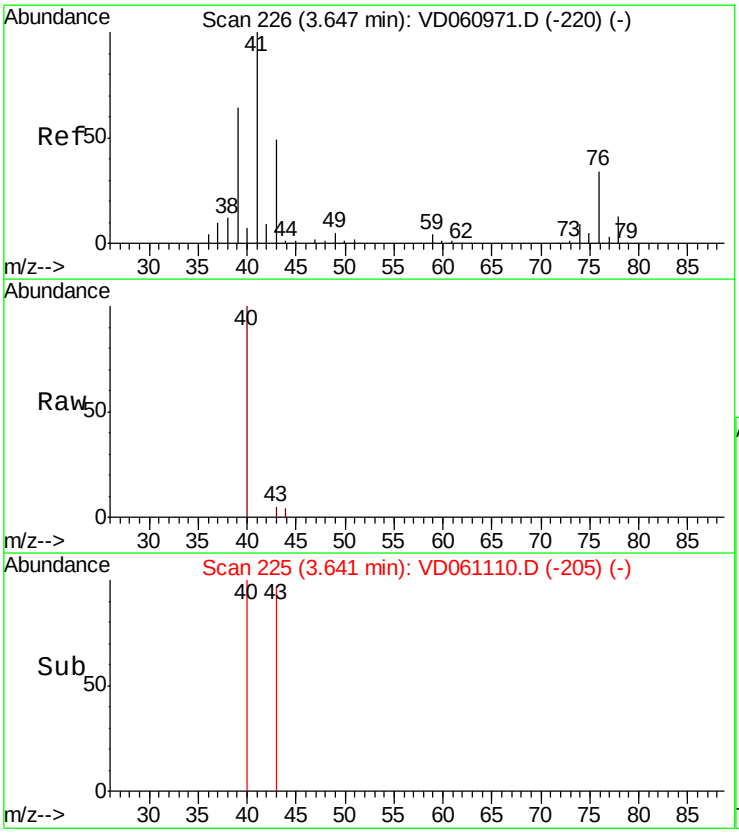


#16
Acetone
Concen: 141.473 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 43 Resp: 12601

Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.6	32.4

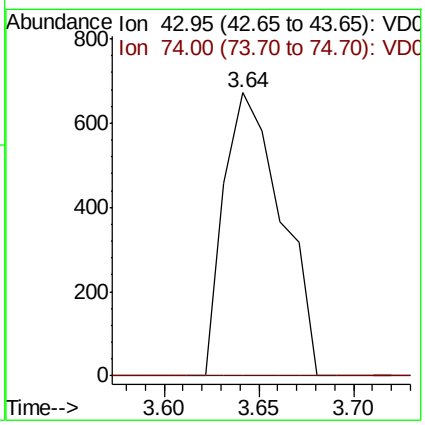


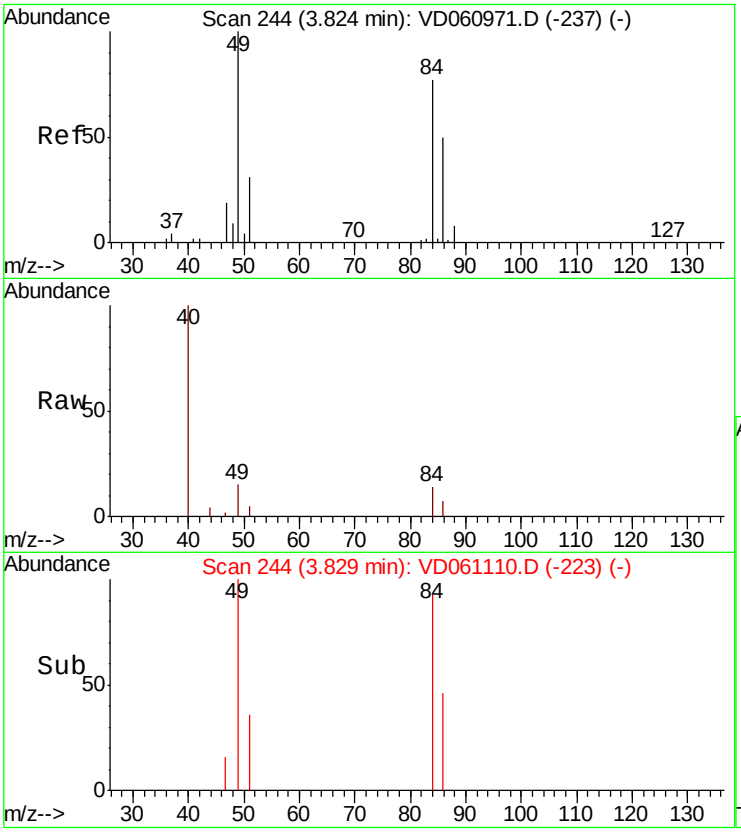


#18
Methyl Acetate
Concen: 8.067 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 43 Resp: 1414

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

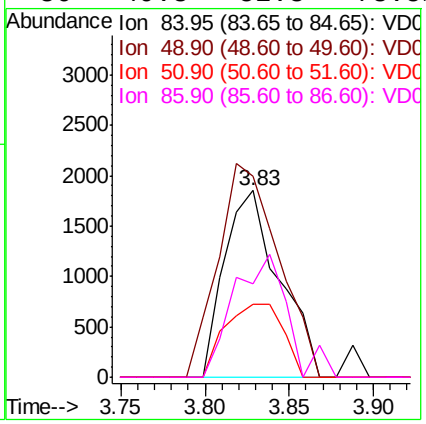


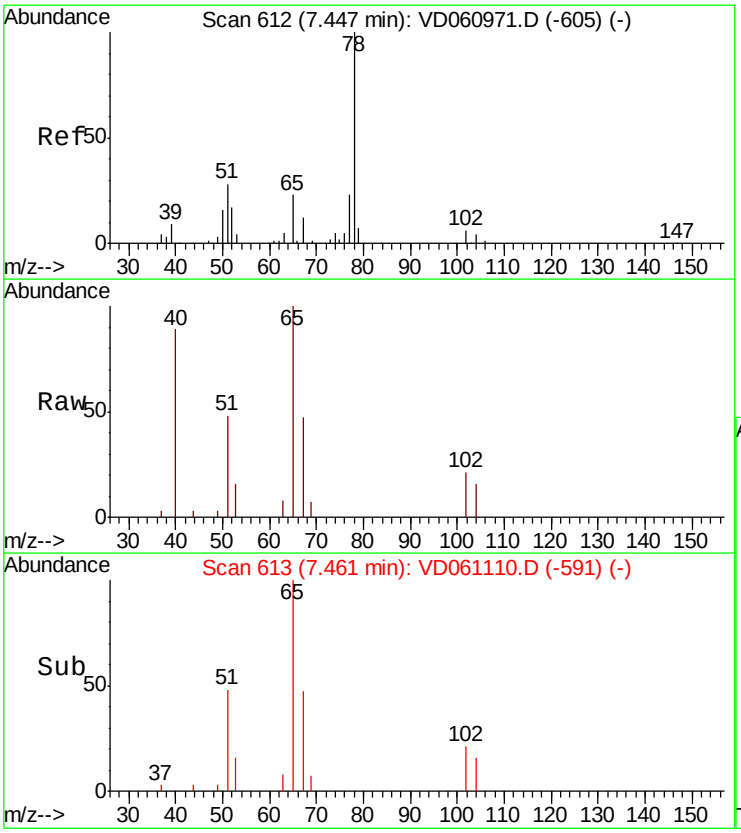


#20
Methylene Chloride
Concen: 6.208 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 84 Resp: 4180

Ion	Ratio	Lower	Upper
84	100		
49	107.7	104.2	156.2
51	38.8	32.3	48.5
86	49.8	52.3	78.5#

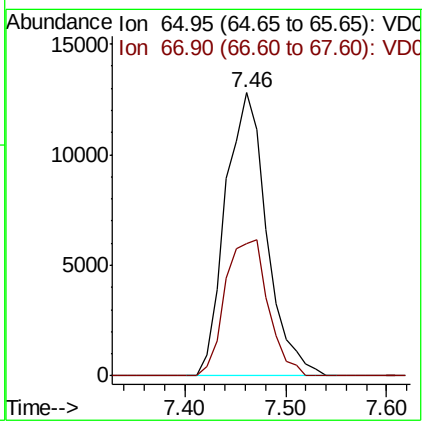


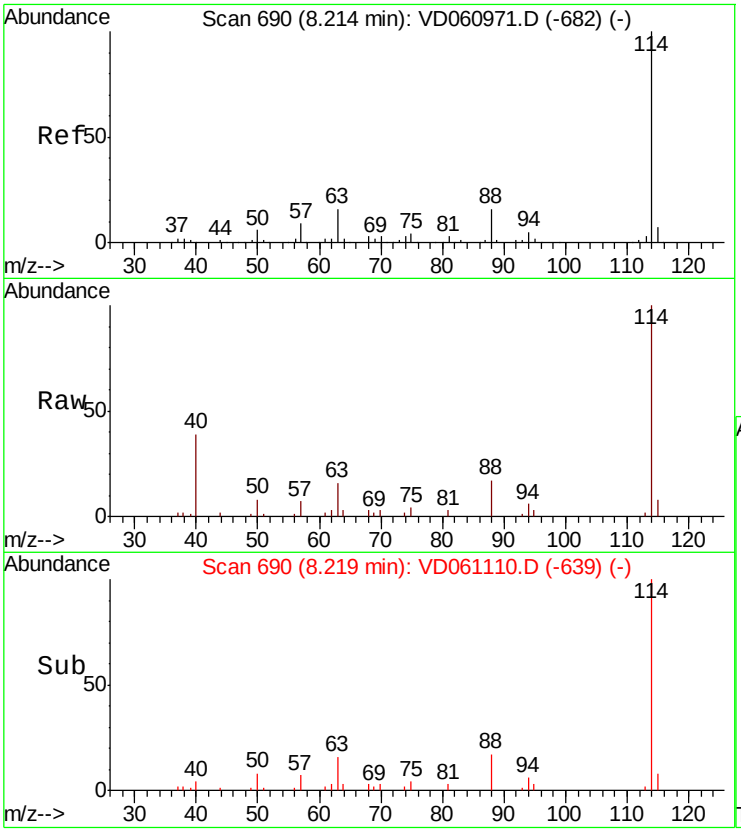


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 65 Resp: 36477

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	105.2

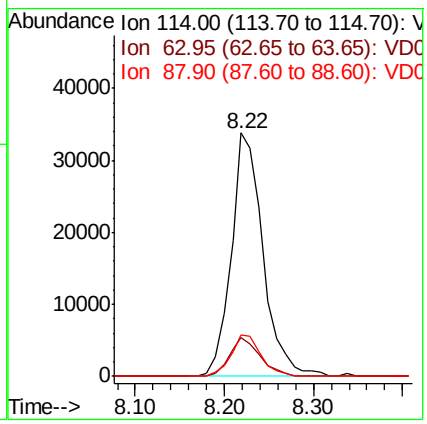


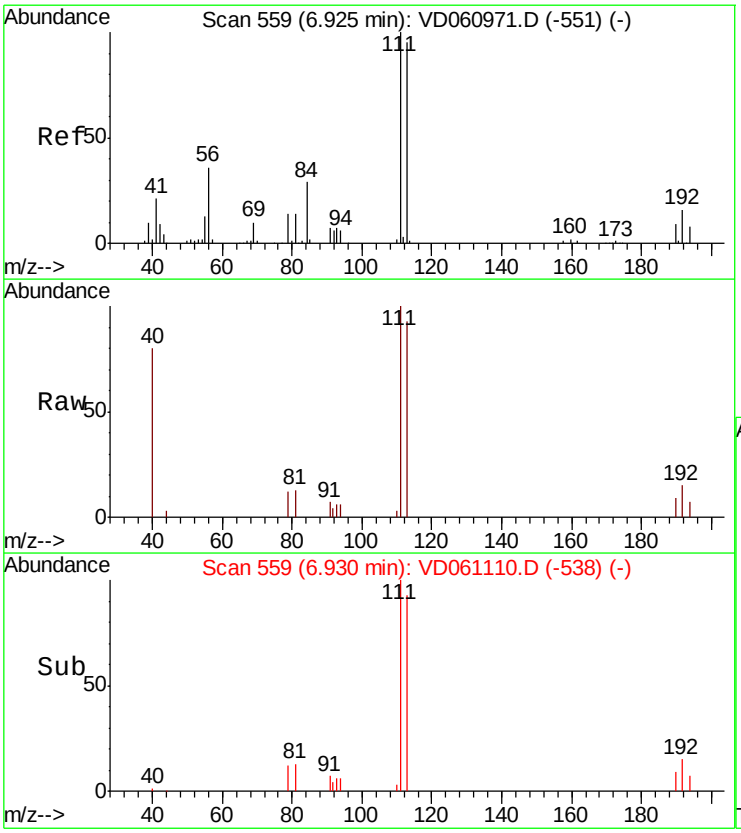


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:114 Resp: 83993

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	31.4
88	17.1	0.0	33.0

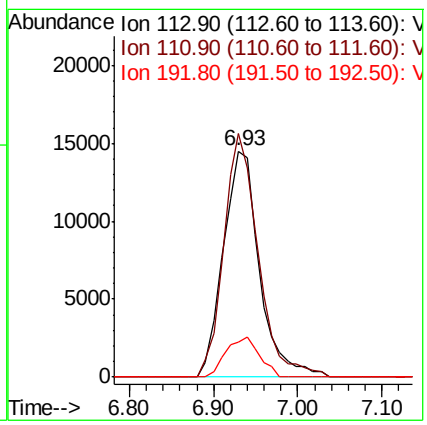


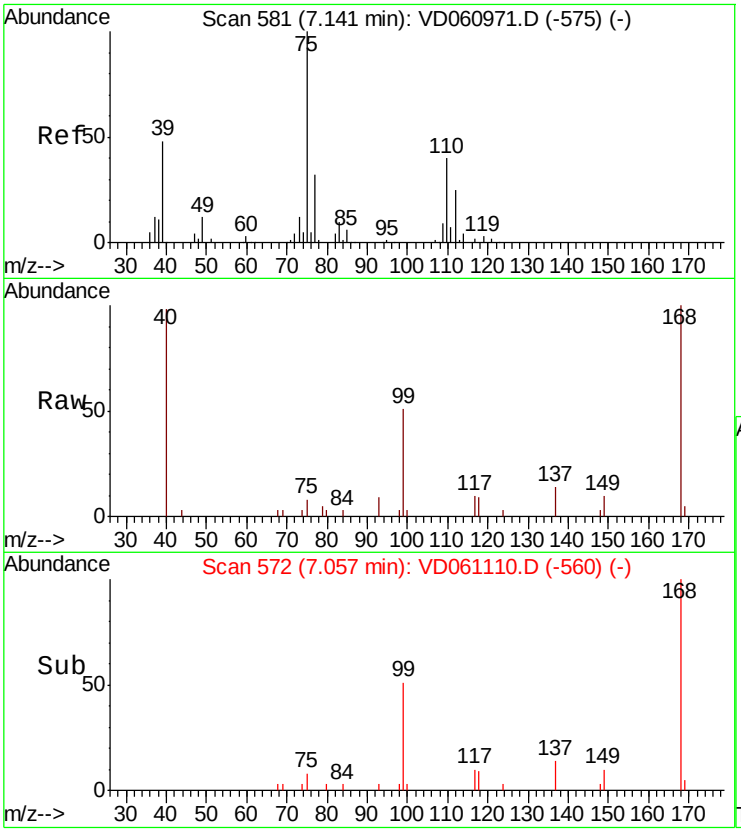


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:113 Resp: 43164

Ion	Ratio	Lower	Upper
113	100		
111	107.6	84.2	126.4
192	15.6	13.1	19.7

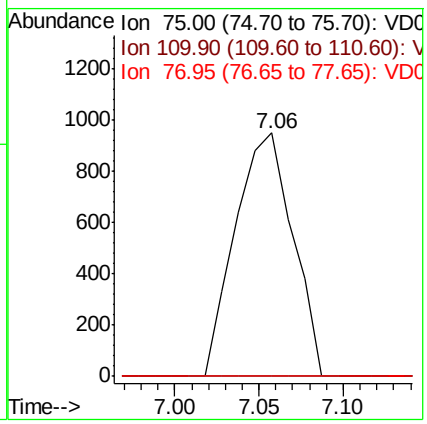


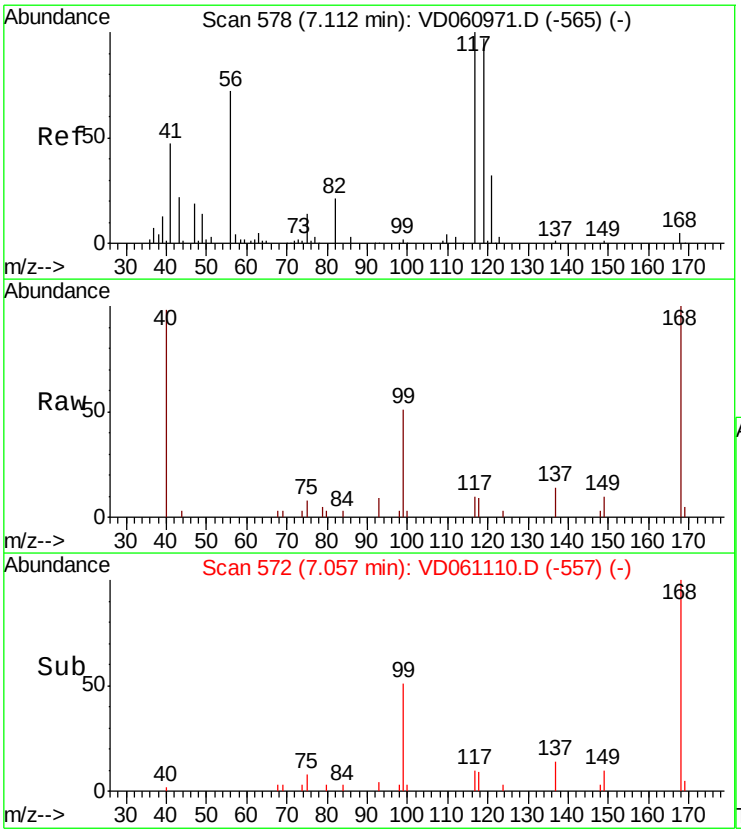


#36
1,1-Dichloropropene
Concen: 3.095 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.08 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 75 Resp: 2241

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.1#
77	0.0	24.7	37.1#

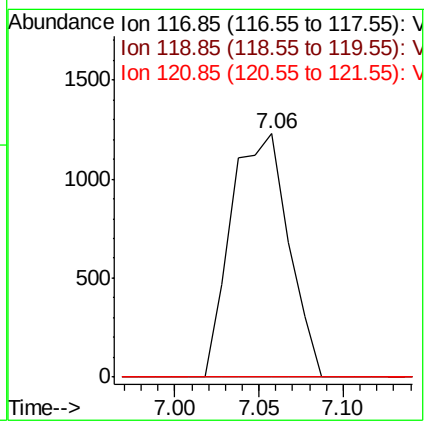


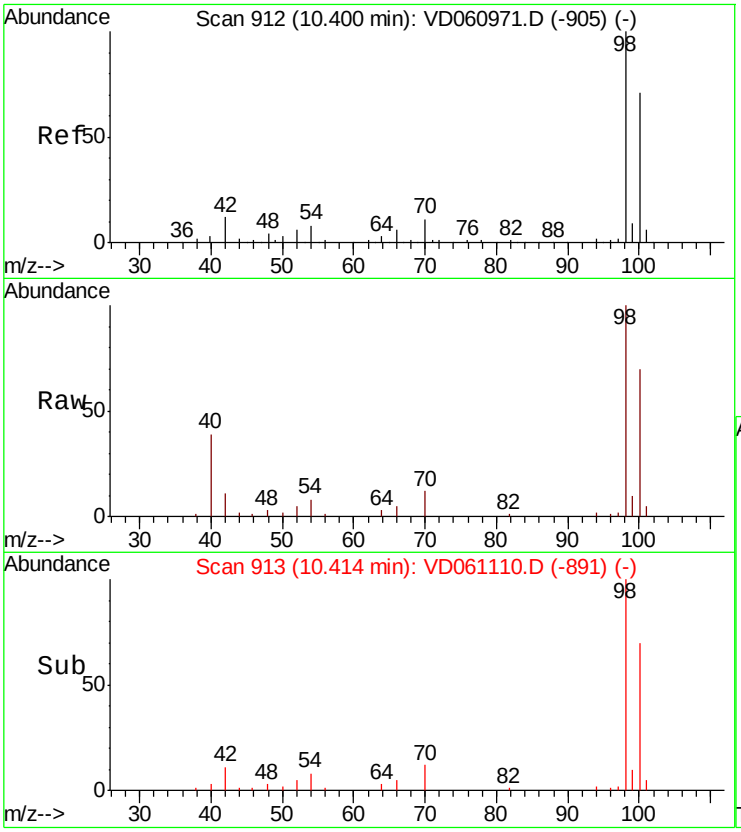


#38
Carbon Tetrachloride
Concen: 3.635 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.05 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:117 Resp: 2899

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.8	116.8#
121	0.0	25.3	37.9#

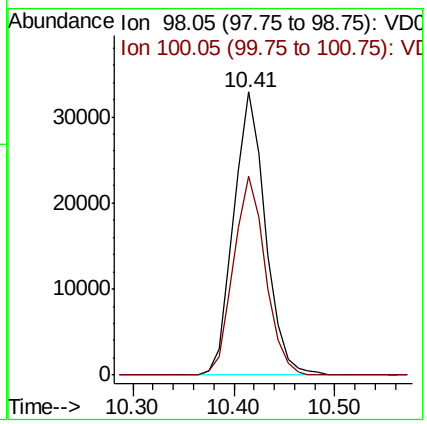


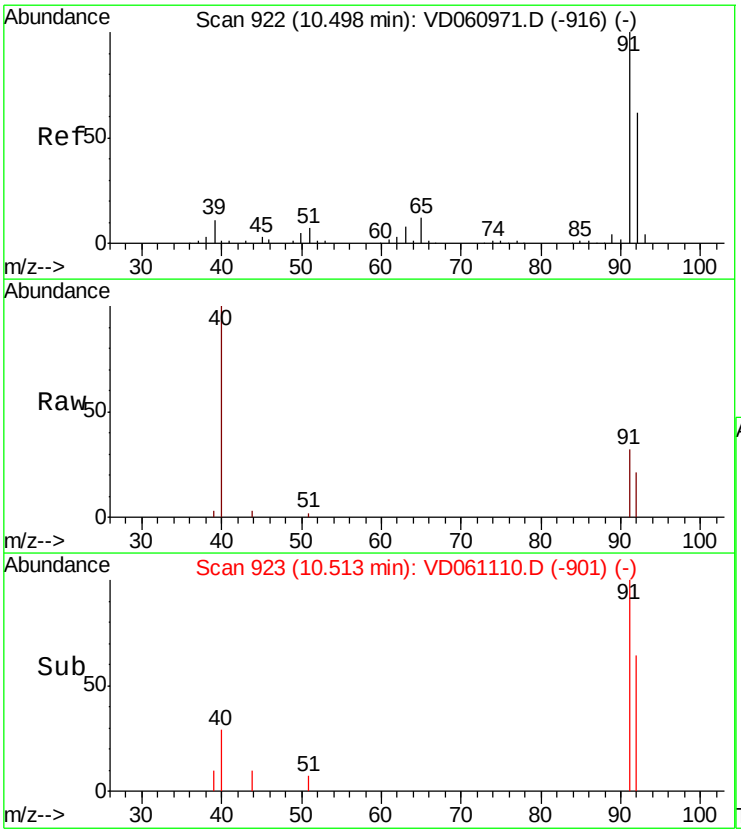


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 98 Resp: 71925

Ion	Ratio	Lower	Upper
98	100		
100	70.2	57.4	86.2

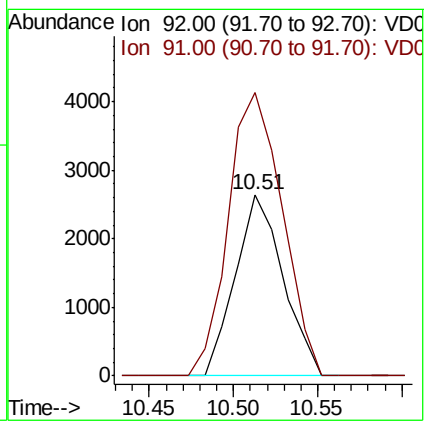


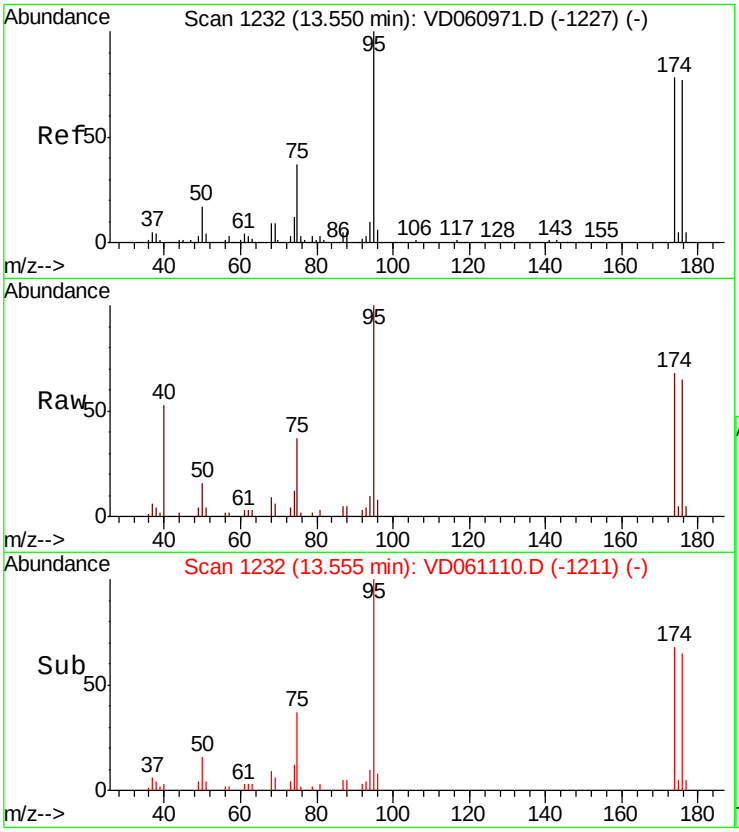


#52
Toluene
Concen: 4.612 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 92 Resp: 5188

Ion	Ratio	Lower	Upper
92	100		
91	156.2	129.8	194.8

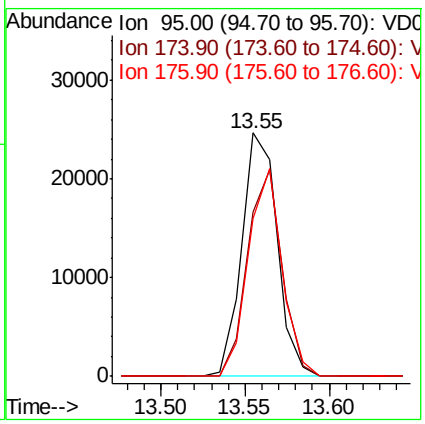


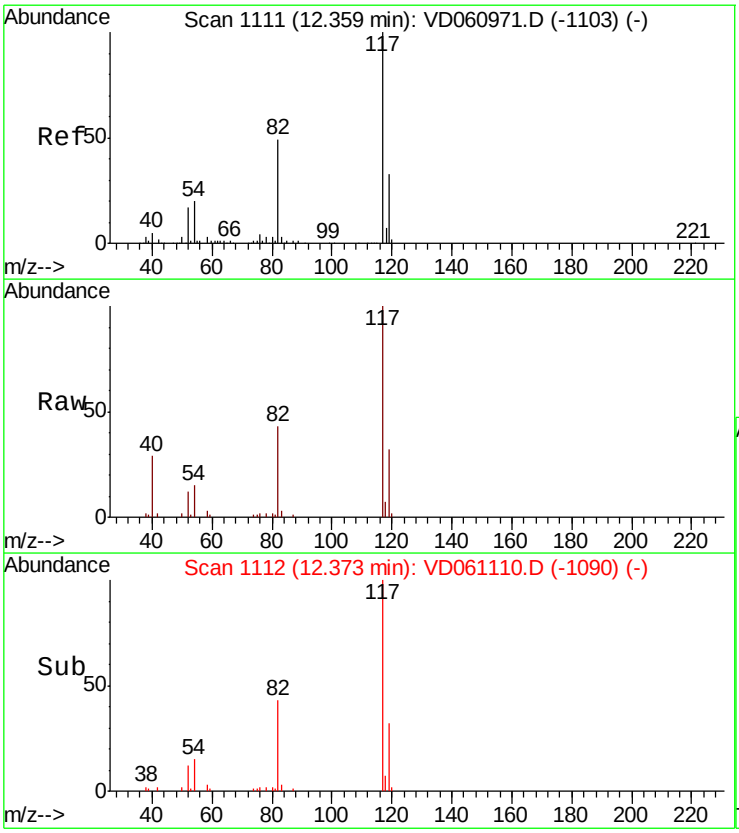


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 95 Resp: 35931

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	155.6
176	65.0	0.0	153.8

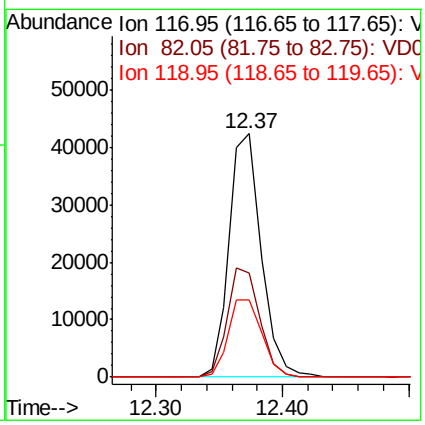


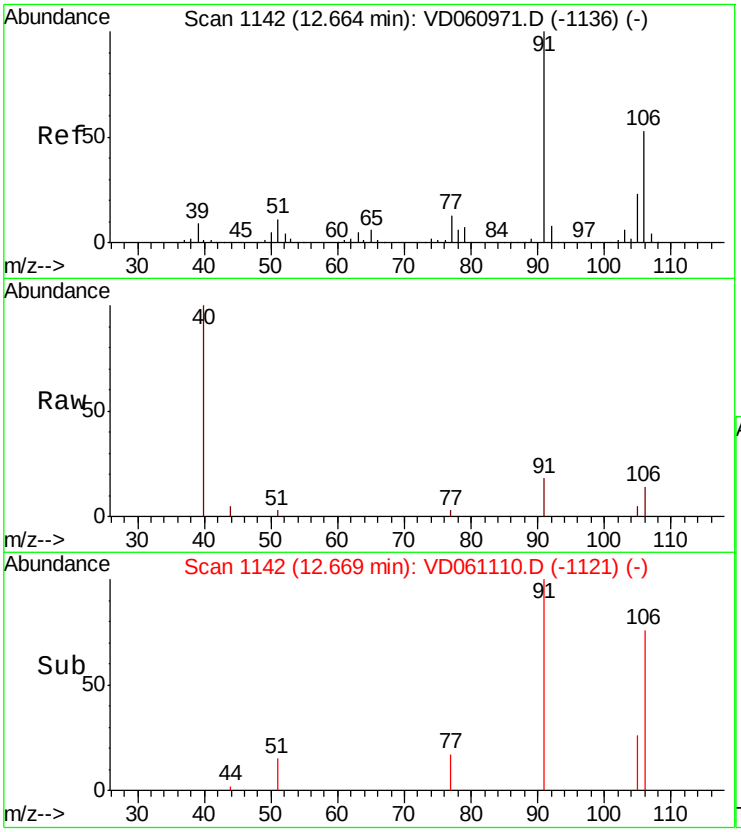


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:117 Resp: 74445

Ion	Ratio	Lower	Upper
117	100		
82	42.7	38.9	58.3
119	31.6	26.6	39.8

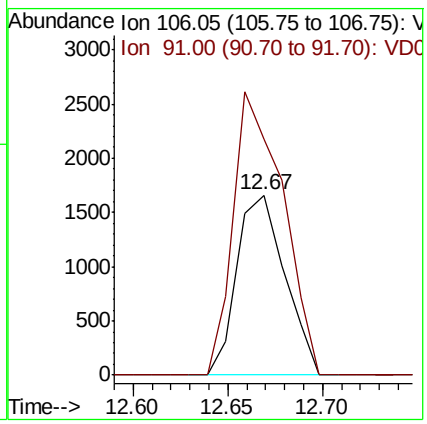


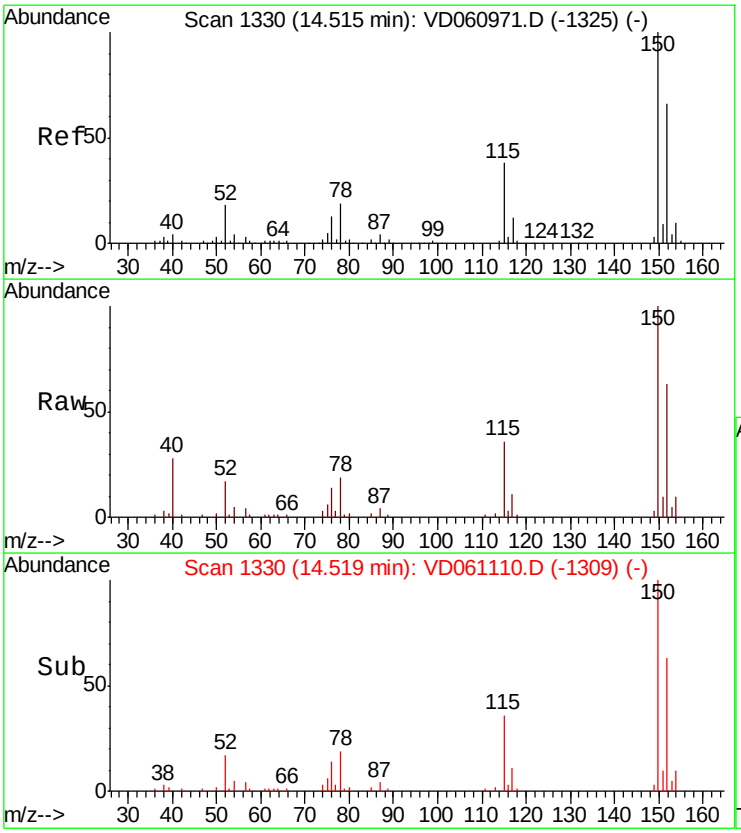


#68
m/p-Xylenes
Concen: 3.408 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:106 Resp: 2906

Ion	Ratio	Lower	Upper
106	100		
91	131.2	152.0	228.0#

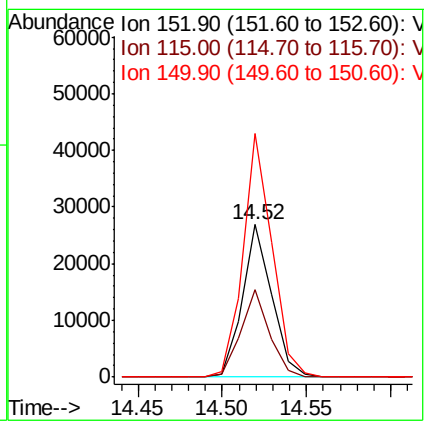


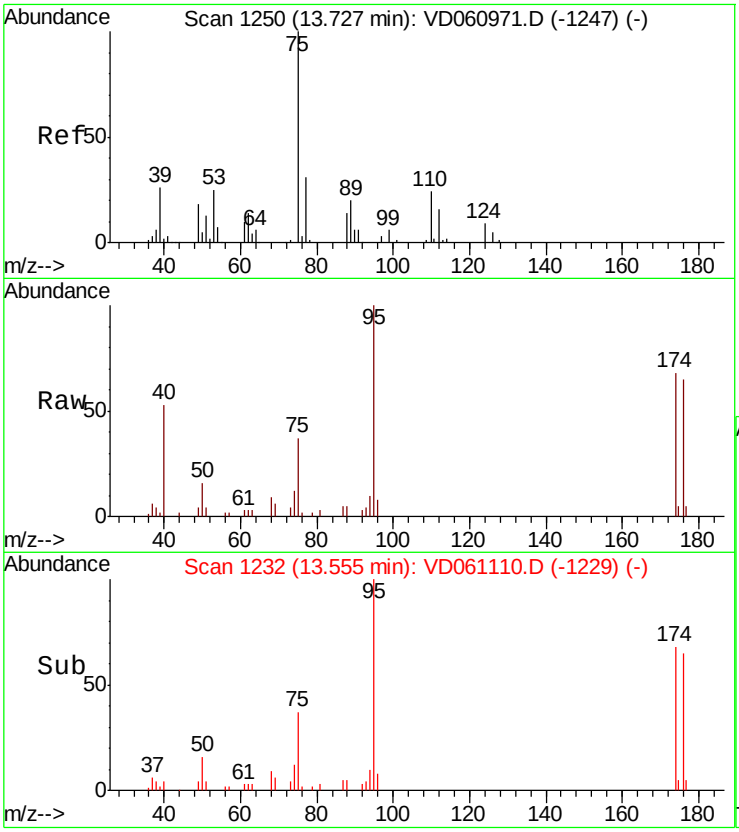


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:152 Resp: 32410

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.6	85.9
150	159.5	0.0	310.6

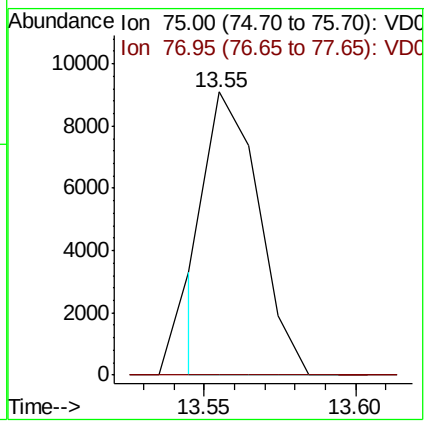


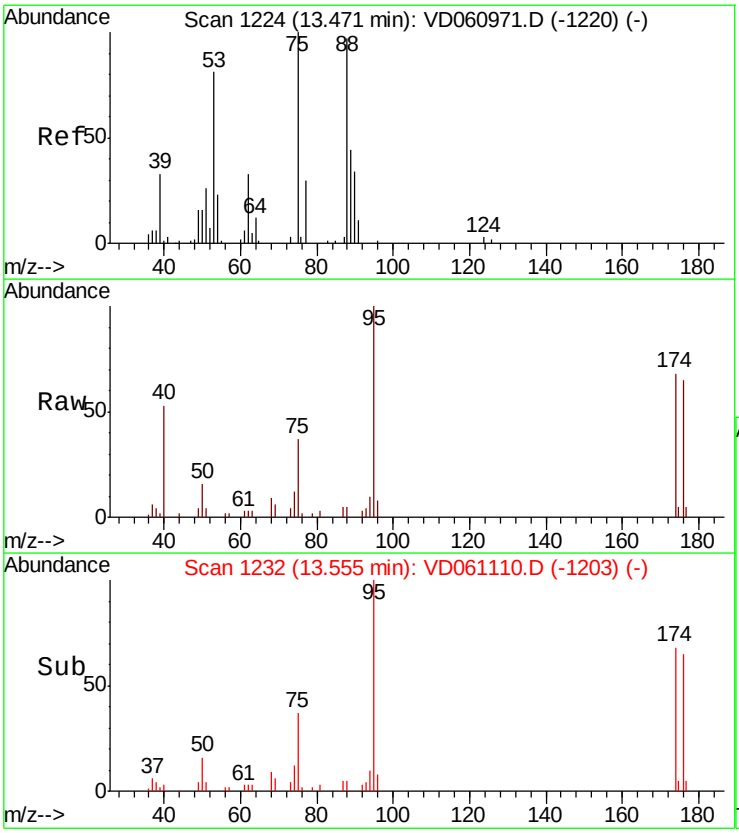


#76
1,2,3-Trichloropropane
Concen: 23.250 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 75 Resp: 10841

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.6	49.7#

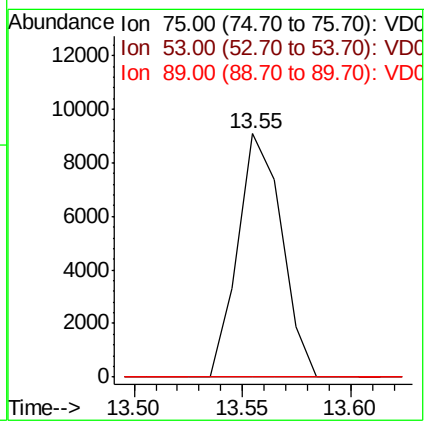


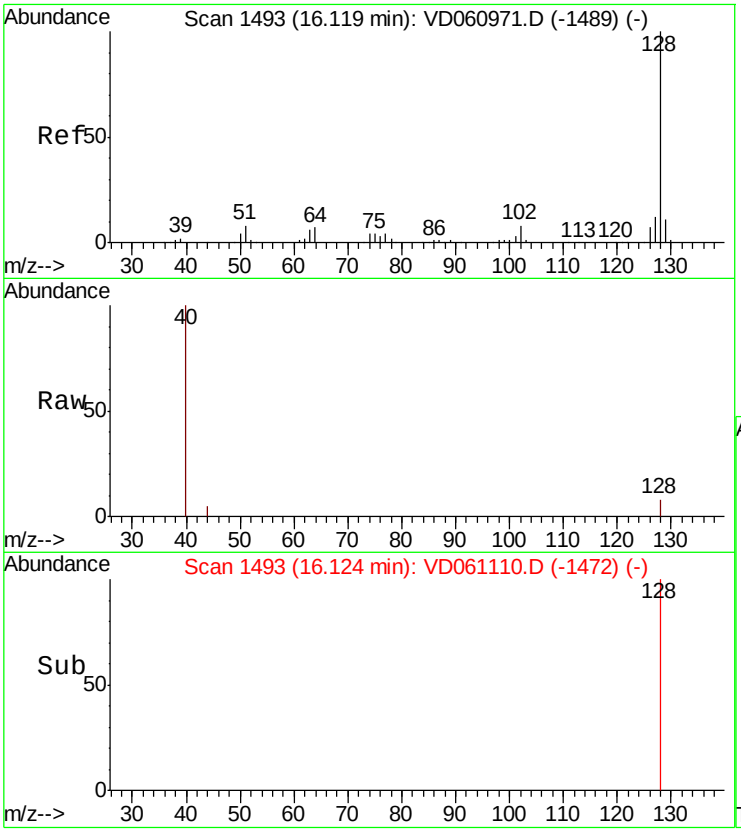


#81
trans-1,4-Dichloro-2-butene
Concen: 92.996 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion: 75 Resp: 12784

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#





#95
Naphthalene
Concen: 1.569 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VD061110.D
Acq: 16 Mar 2019 15:37

Tgt Ion:128 Resp: 982

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.5	12.7#