

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061117.D
 Acq On : 16 Mar 2019 18:50
 Operator : VA/AP
 Sample : K1930-05
 Misc : 5.72g/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

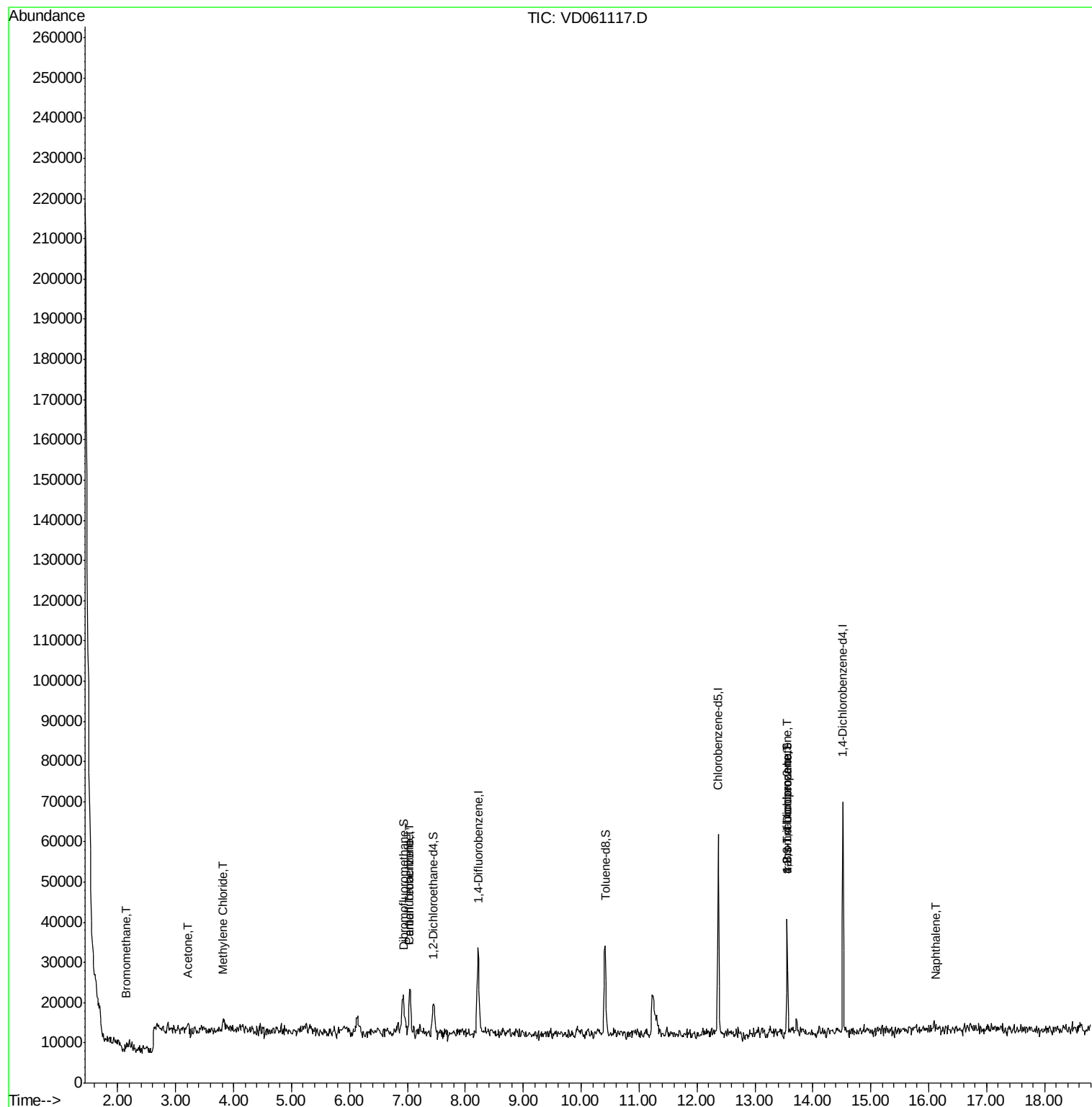
Quant Time: Mar 18 02:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

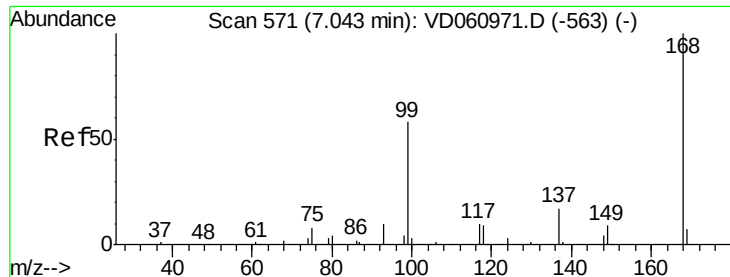
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	13261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	33045	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	31351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	13329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	8605	77.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	155.92%	
35) Dibromofluoromethane	6.92	113	9738	39.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.42%	
50) Toluene-d8	10.41	98	21017	34.13	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.26%	
62) 4-Bromofluorobenzene	13.56	95	9501	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.15	94	257	11.980	ug/l #	8
16) Acetone	3.21	43	1585	50.214	ug/l #	48
20) Methylene Chloride	3.82	84	1453	5.991	ug/l #	80
38) Carbon Tetrachloride	7.05	117	566	1.804	ug/l #	11
76) 1,2,3-Trichloropropane	13.56	75	2530	13.193	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	3322	58.760	ug/l #	17
95) Naphthalene	16.13	128	421	1.636	ug/l #	70

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

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QLast Update : Fri Mar 08 02:35:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061117.D

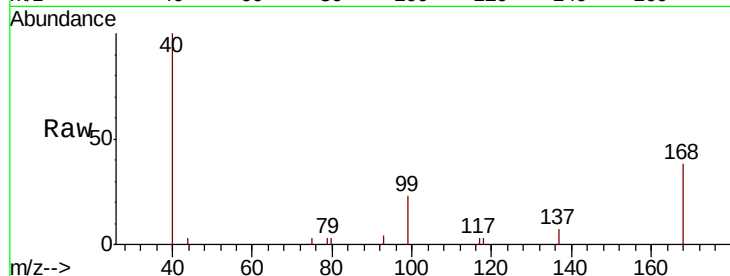
Acq: 16 Mar 2019 18:50

Tgt Ion: 168 Resp: 13261

Ion Ratio Lower Upper

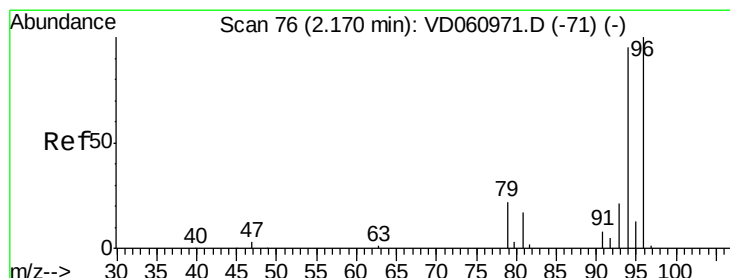
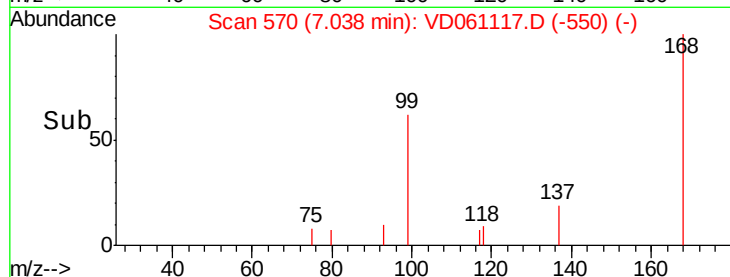
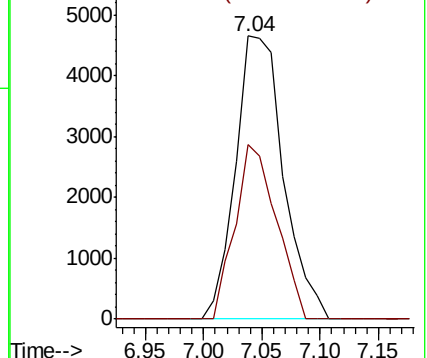
168 100

99 61.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 11.980 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD061117.D

Acq: 16 Mar 2019 18:50

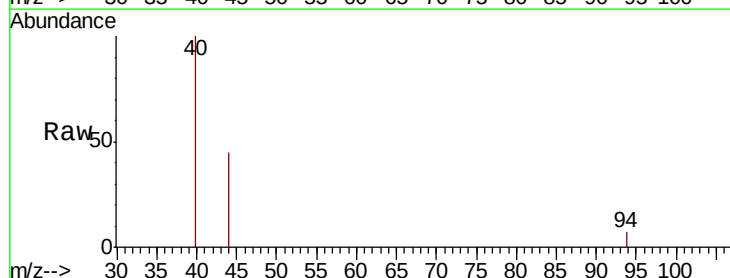
Tgt Ion: 94 Resp: 257

Ion Ratio Lower Upper

94 100

96 0.0 84.0 126.0#

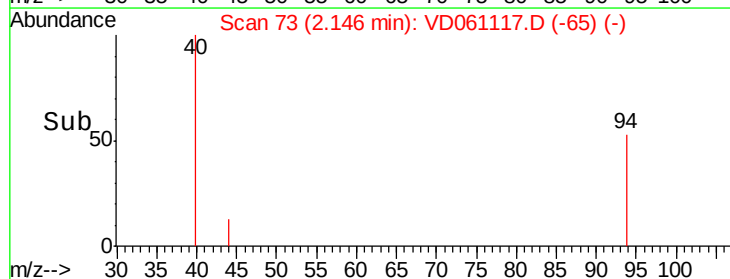
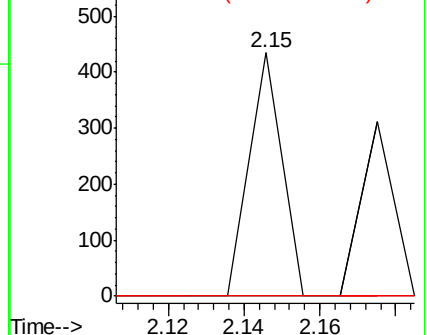
93 0.0 17.3 25.9#

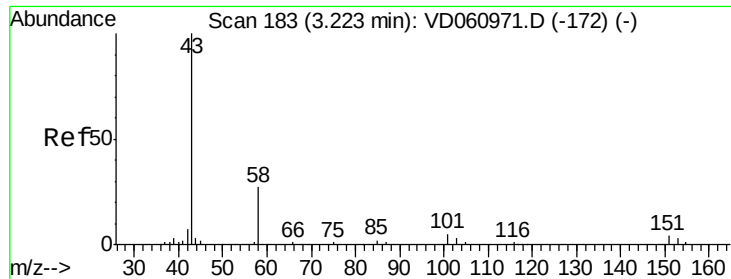


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 50.214 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061117.D

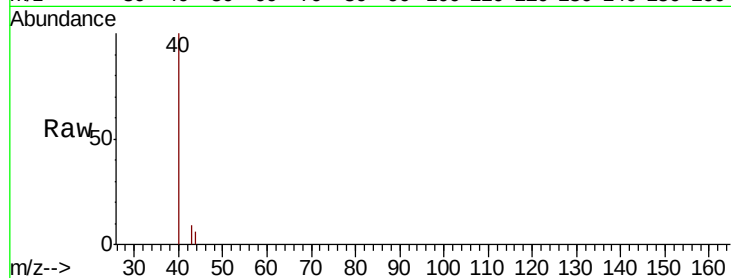
Acq: 16 Mar 2019 18:50

Tgt Ion: 43 Resp: 1585

Ion Ratio Lower Upper

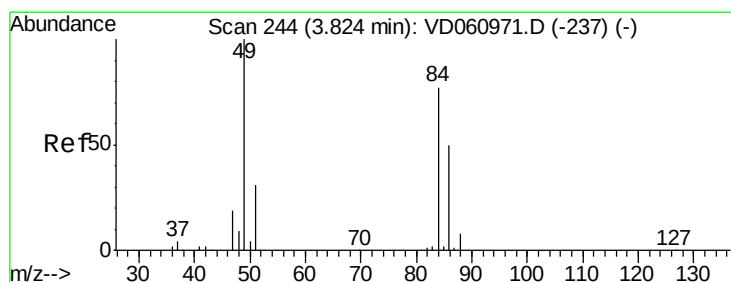
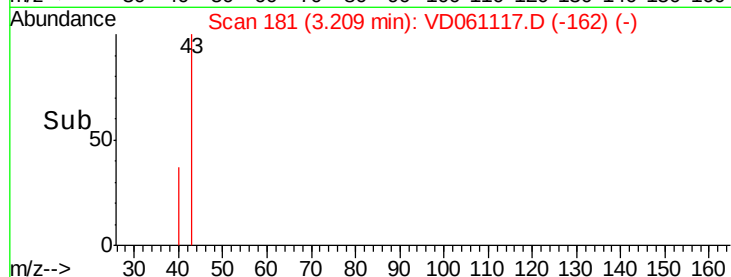
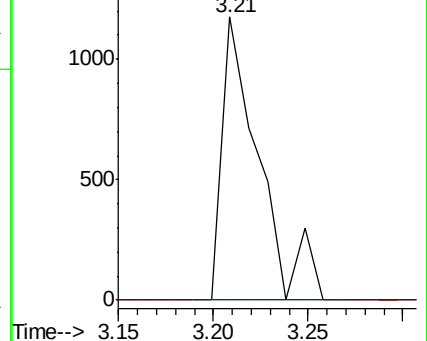
43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 5.991 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD061117.D

Acq: 16 Mar 2019 18:50

Tgt Ion: 84 Resp: 1453

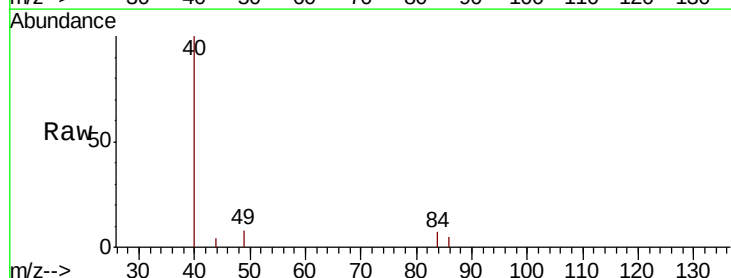
Ion Ratio Lower Upper

84 100

49 112.5 104.2 156.2

51 0.0 32.3 48.5#

86 67.3 52.3 78.5

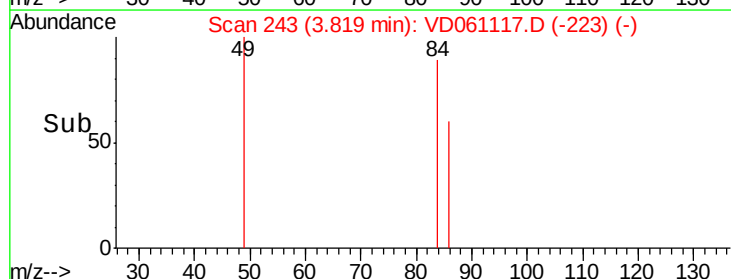
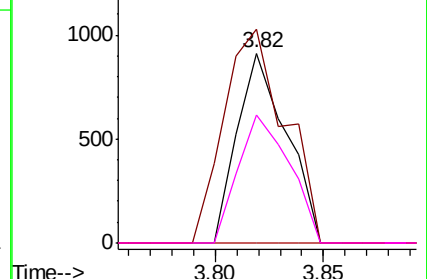


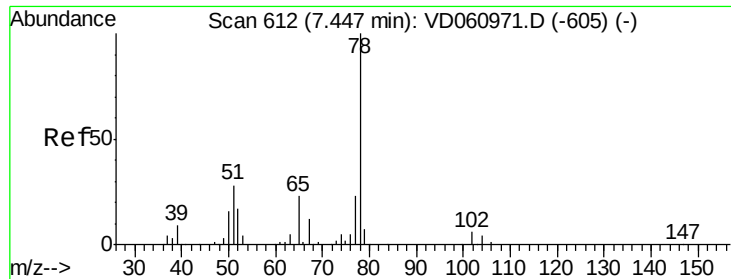
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

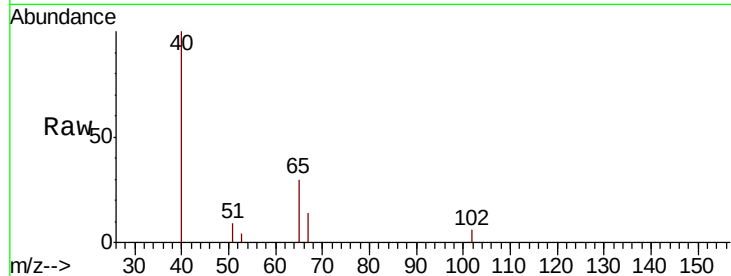
Ion 85.90 (85.60 to 86.60): VDC



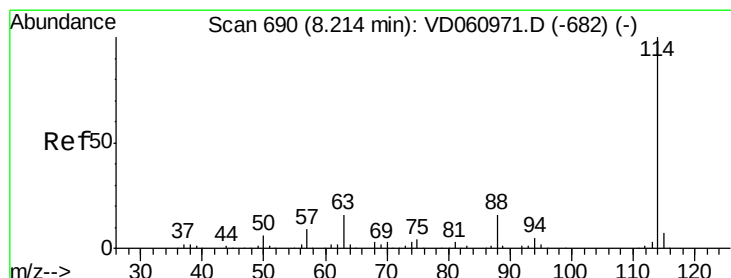
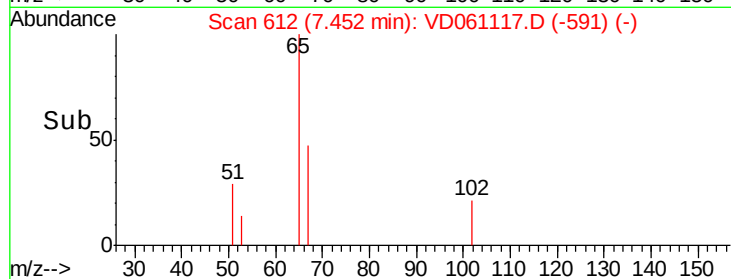
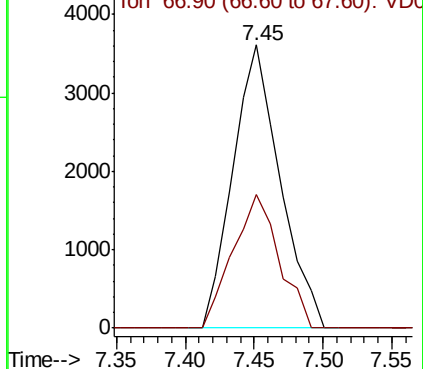


#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD061117.D
 Acq: 16 Mar 2019 18:50

Tgt Ion: 65 Resp: 8605
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 105.2

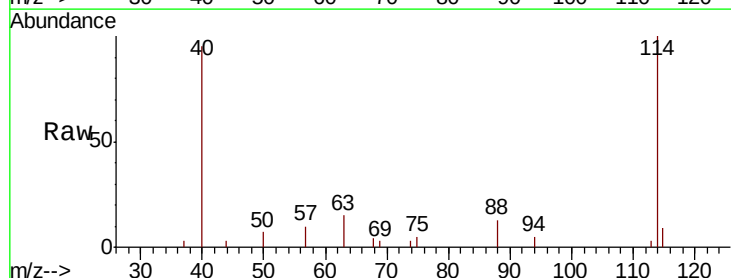


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

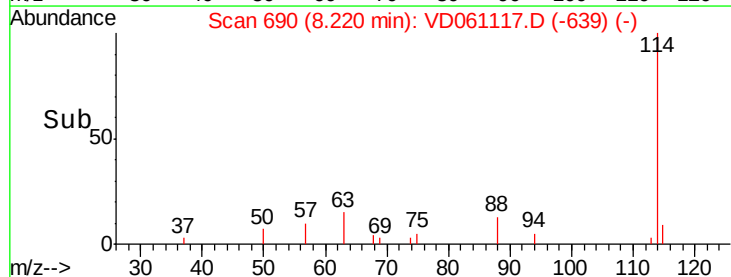
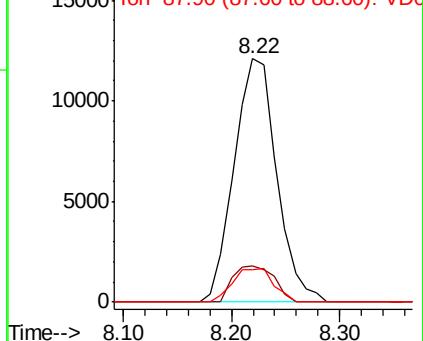


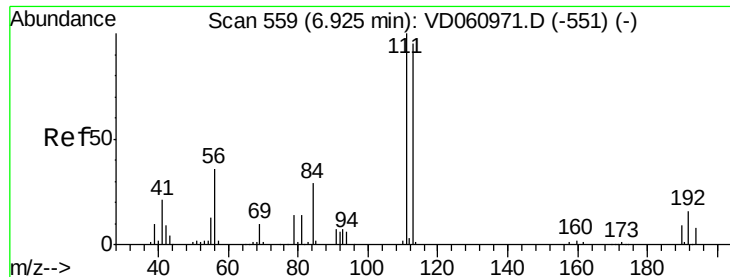
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD061117.D
 Acq: 16 Mar 2019 18:50

Tgt Ion: 114 Resp: 33045
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.4
 88 13.4 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): VDC
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD061117.D

Acq: 16 Mar 2019 18:50

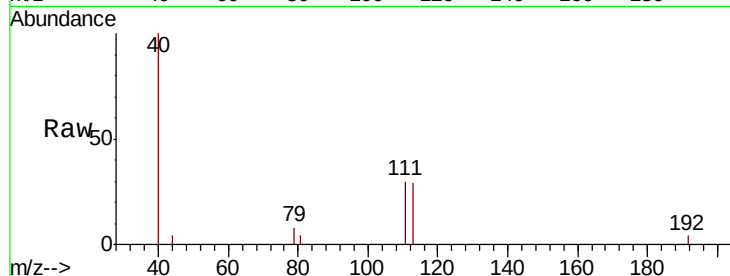
Tgt Ion:113 Resp: 9738

Ion Ratio Lower Upper

113 100

111 105.6 84.2 126.4

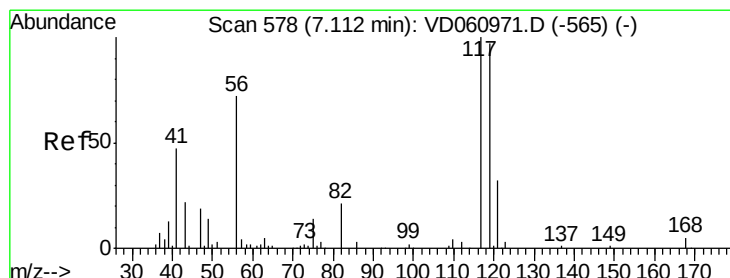
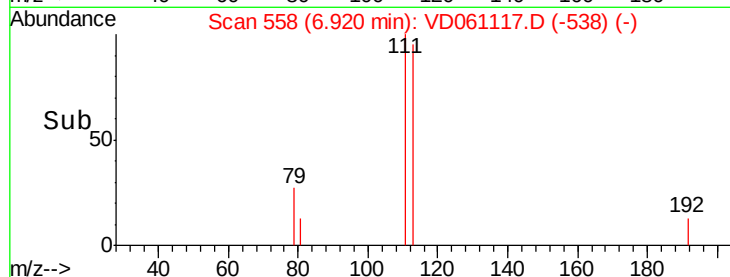
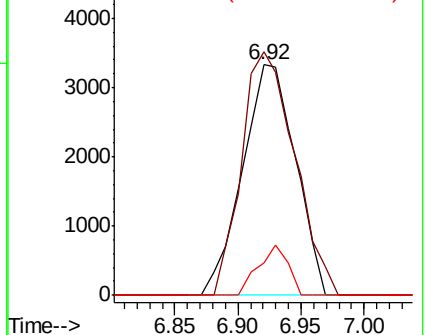
192 13.8 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#38

Carbon Tetrachloride

Concen: 1.804 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.06 min

Lab File: VD061117.D

Acq: 16 Mar 2019 18:50

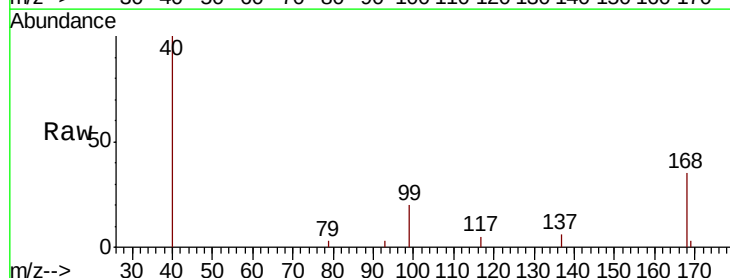
Tgt Ion:117 Resp: 566

Ion Ratio Lower Upper

117 100

119 0.0 77.8 116.8#

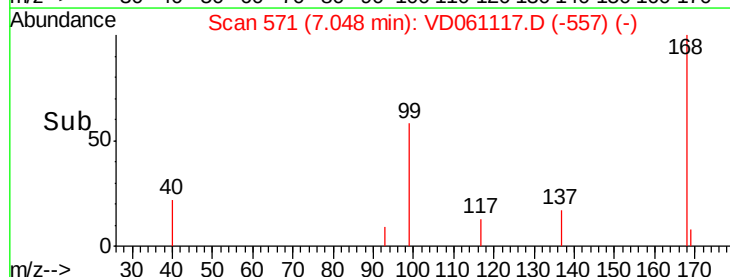
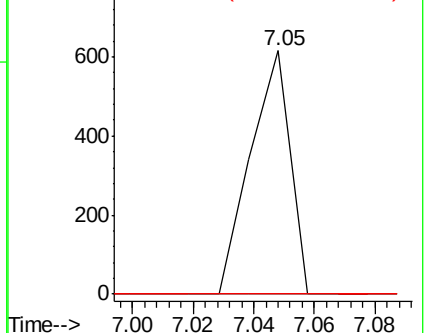
121 0.0 25.3 37.9#

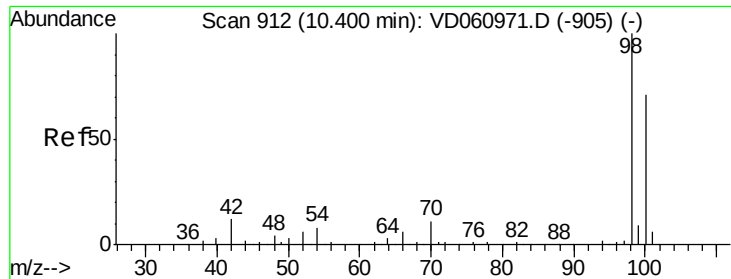


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

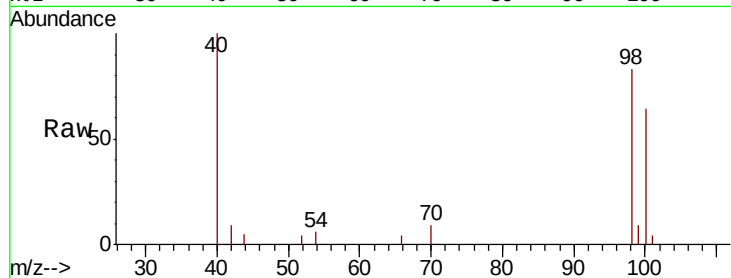
Ion 120.85 (120.55 to 121.55): V



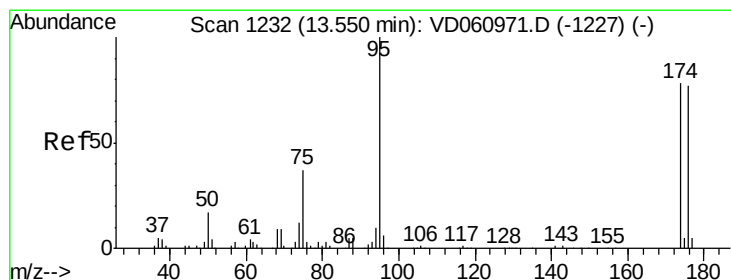
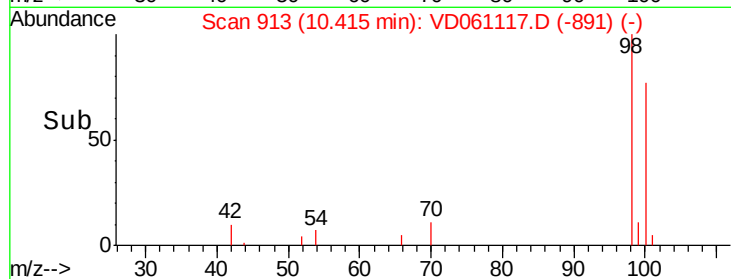
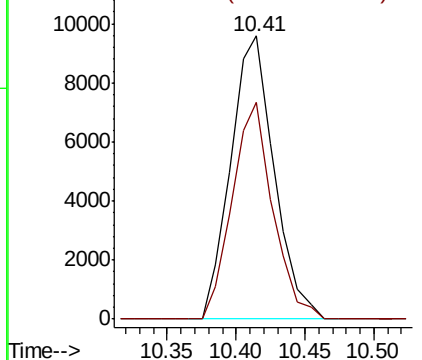


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD061117.D
Acq: 16 Mar 2019 18:50

Tgt Ion: 98 Resp: 21017
Ion Ratio Lower Upper
98 100
100 76.8 57.4 86.2

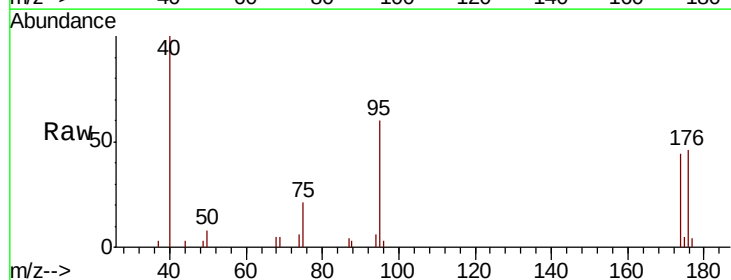


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

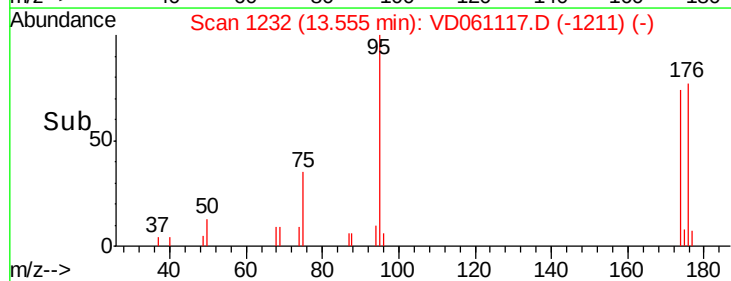
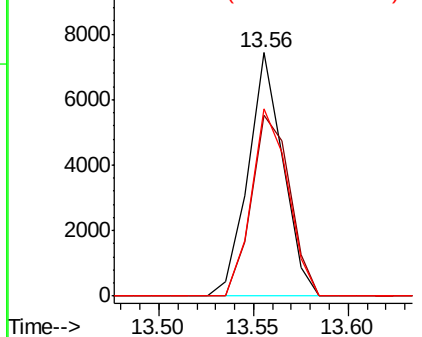


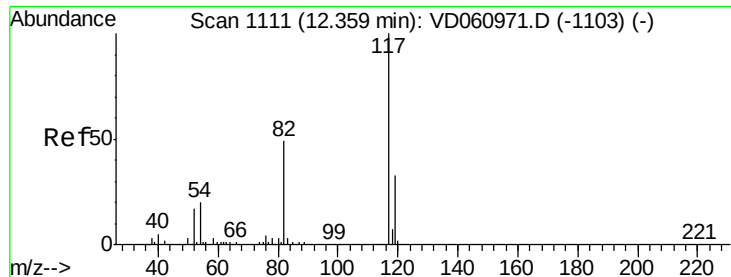
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061117.D
Acq: 16 Mar 2019 18:50

Tgt Ion: 95 Resp: 9501
Ion Ratio Lower Upper
95 100
174 74.3 0.0 155.6
176 76.8 0.0 153.8



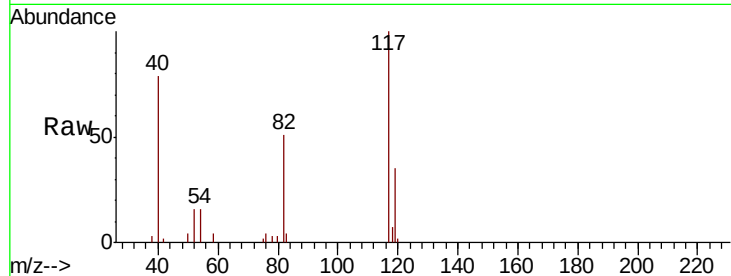
Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



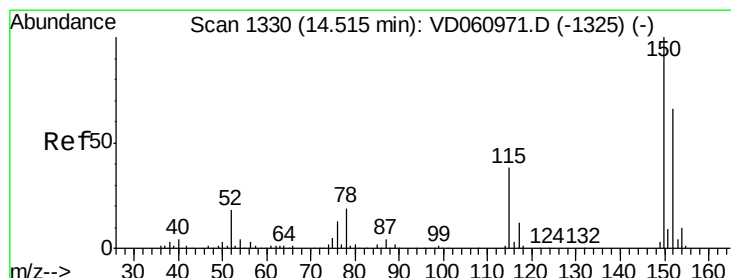
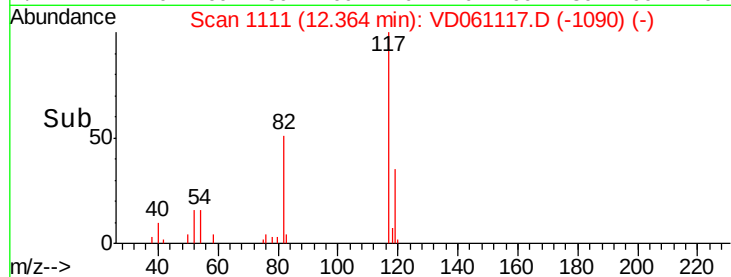
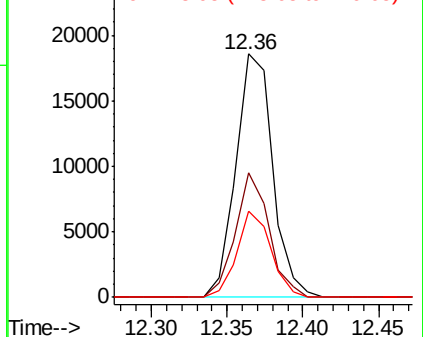


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061117.D
Acq: 16 Mar 2019 18:50

Tgt Ion:117 Resp: 31351
Ion Ratio Lower Upper
117 100
82 51.0 38.9 58.3
119 35.2 26.6 39.8

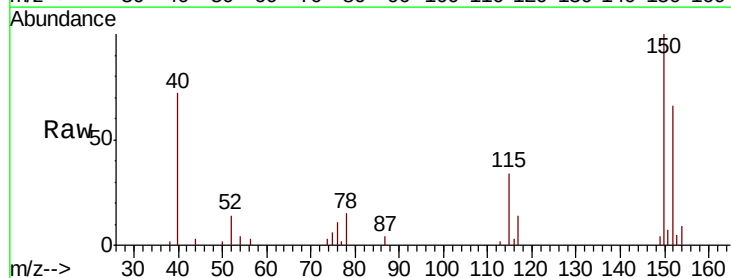


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

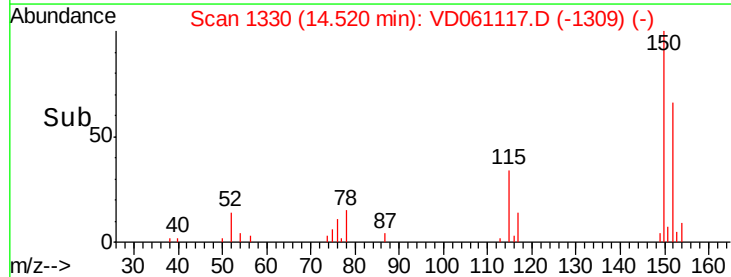
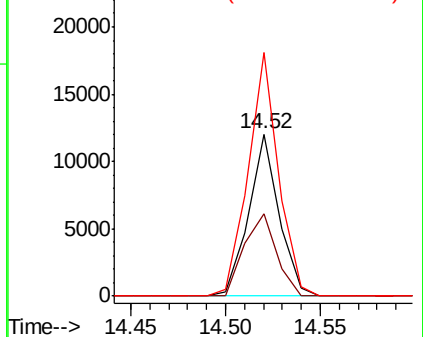


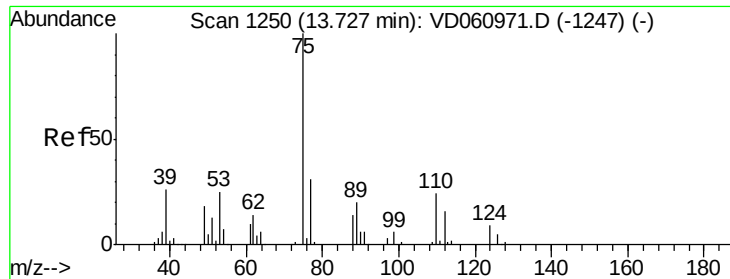
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061117.D
Acq: 16 Mar 2019 18:50

Tgt Ion:152 Resp: 13329
Ion Ratio Lower Upper
152 100
115 51.2 28.6 85.9
150 150.5 0.0 310.6



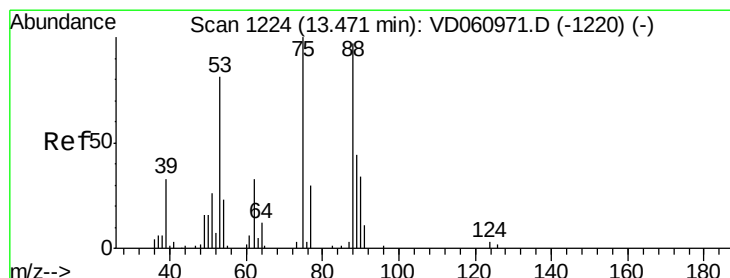
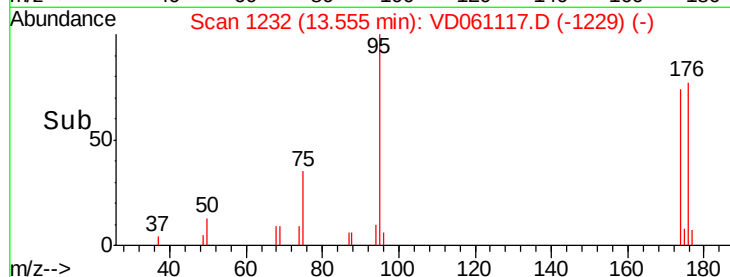
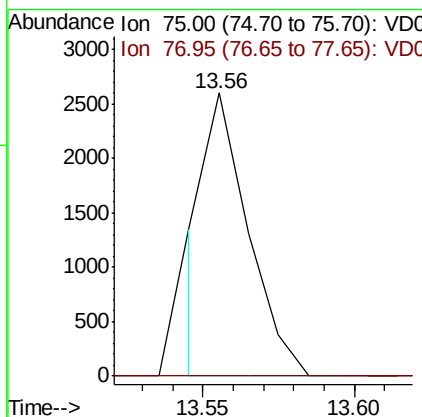
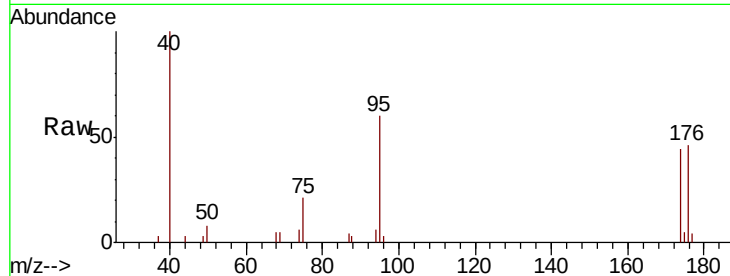
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





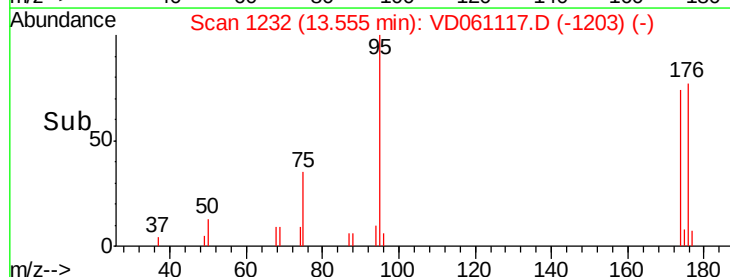
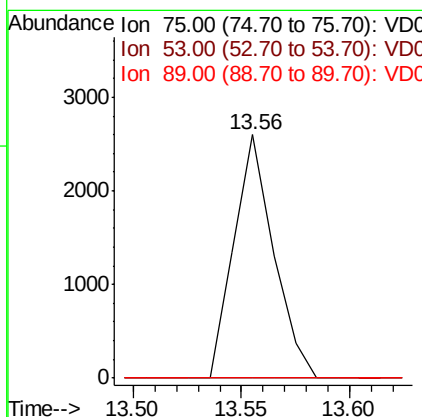
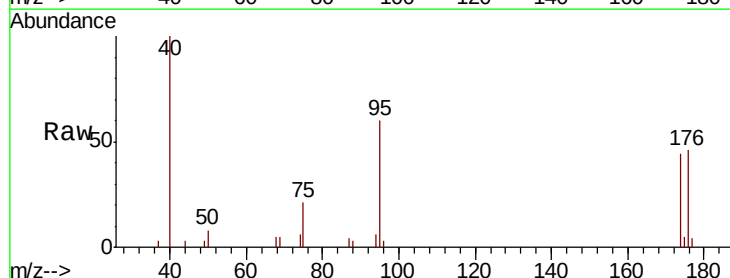
#76
 1,2,3-Trichloropropane
 Concen: 13.193 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD061117.D
 Acq: 16 Mar 2019 18:50

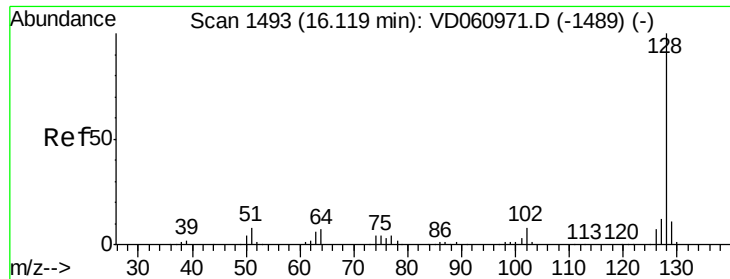
Tgt Ion: 75 Resp: 2530
 Ion Ratio Lower Upper
 75 100
 77 0.0 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.760 ug/l
 RT: 13.56 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061117.D
 Acq: 16 Mar 2019 18:50

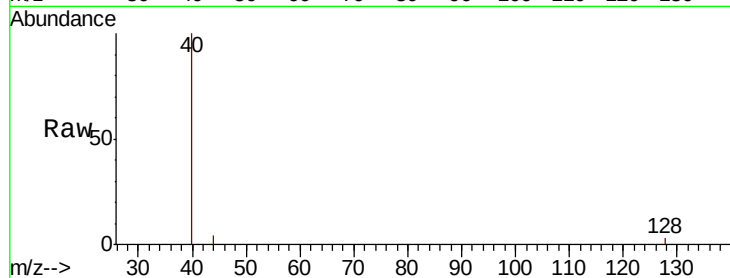
Tgt Ion: 75 Resp: 3322
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#





#95
 Naphthalene
 Concen: 1.636 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.02 min
 Lab File: VD061117.D
 Acq: 16 Mar 2019 18:50

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



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

