

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
 Data File : VD061103.D
 Acq On : 16 Mar 2019 12:13
 Operator : VA/AP
 Sample : VD0316SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

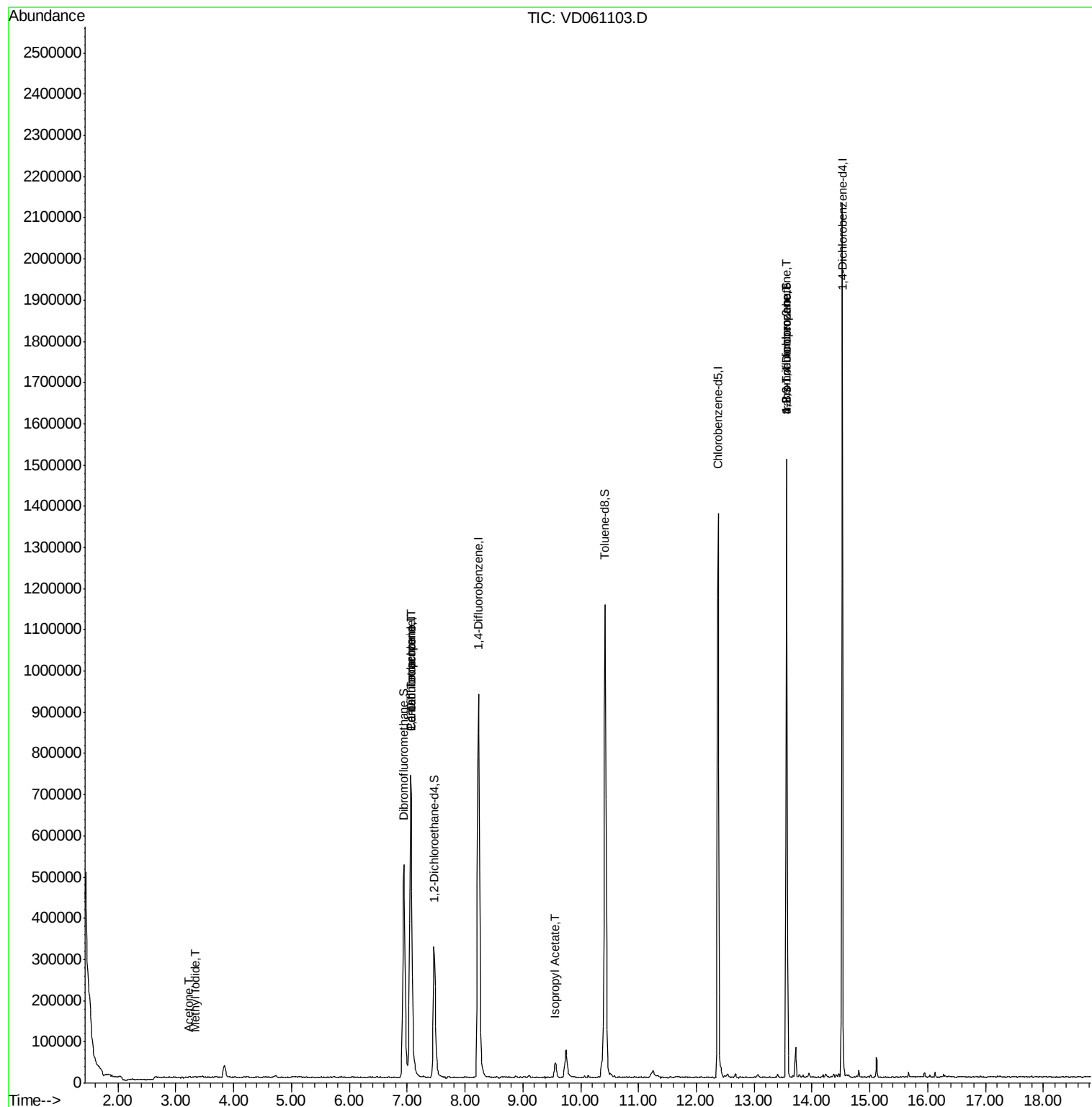
Quant Time: Mar 18 02:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	776282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1221798	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	912790	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	481190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	308452	47.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	6.94	113	508842	56.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.24%	
50) Toluene-d8	10.42	98	1110661	48.78	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	13.56	95	491845	55.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.34%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.33	142	3887	3.213	ug/l #	90
16) Acetone	3.23	43	3309	1.791	ug/l #	48
20) Methylene Chloride	3.84	84	21347	Below Cal		89
36) 1,1-Dichloropropene	7.06	75	56244	5.340	ug/l #	45
38) Carbon Tetrachloride	7.06	117	75687	6.524	ug/l #	14
43) Isopropyl Acetate	9.56	43	28238	4.125	ug/l #	43
76) 1,2,3-Trichloropropane	13.56	75	140281	20.264	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	177393	86.916	ug/l #	17

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

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD031619\
Data File : VD061103.D
Acq On : 16 Mar 2019 12:13
Operator : VA/AP
Sample : VD0316SBL01
Misc : 5.00g/5ml/MSV0A_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 02:25:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_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# 573

Delta R.T. 0.02 min

Lab File: VD061103.D

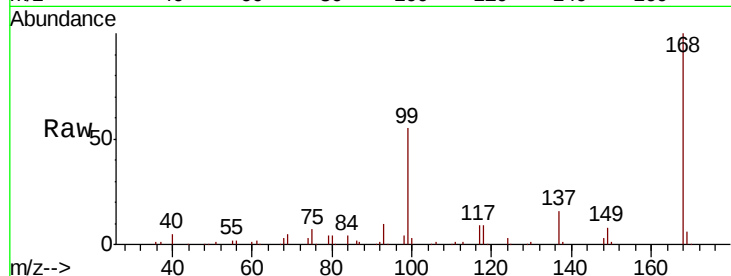
Acq: 16 Mar 2019 12:13

Tgt Ion:168 Resp: 776282

Ion Ratio Lower Upper

168 100

99 55.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.06

300000

250000

200000

150000

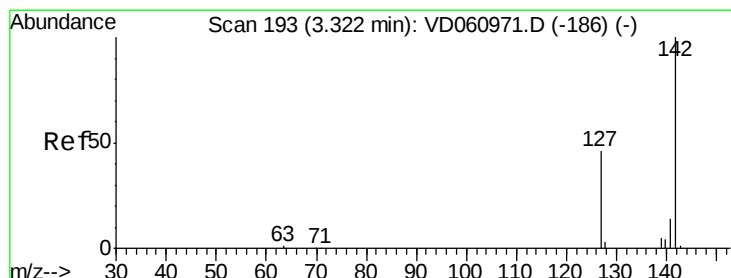
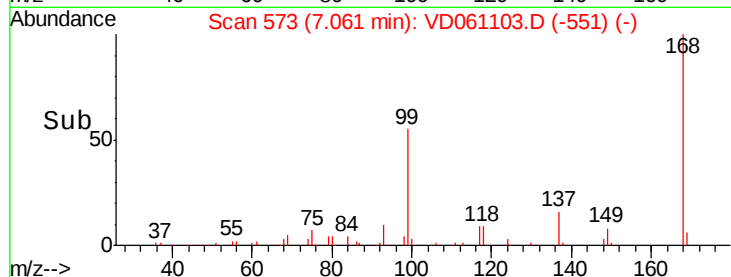
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.213 ug/l

RT: 3.33 min Scan# 194

Delta R.T. 0.01 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

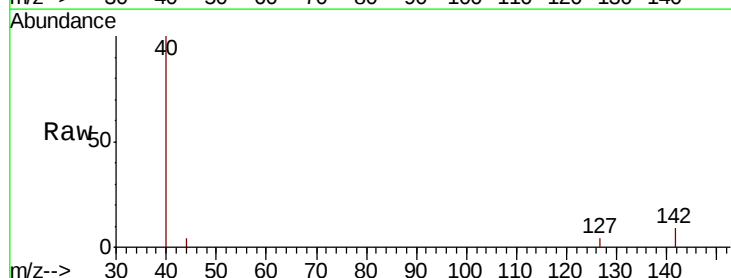
Tgt Ion:142 Resp: 3887

Ion Ratio Lower Upper

142 100

127 47.4 36.8 55.2

141 0.0 11.2 16.8#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

1500

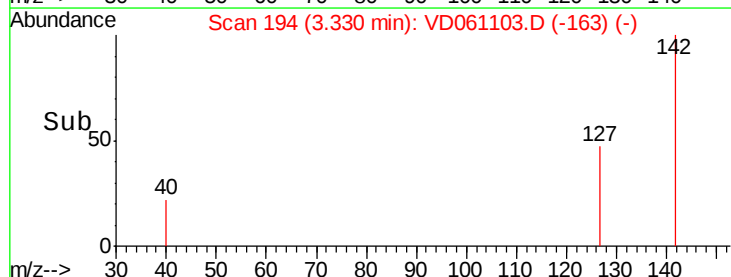
1000

500

0

Time-->

3.25 3.30 3.35 3.40 3.45





#16

Acetone

Concen: 1.791 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061103.D

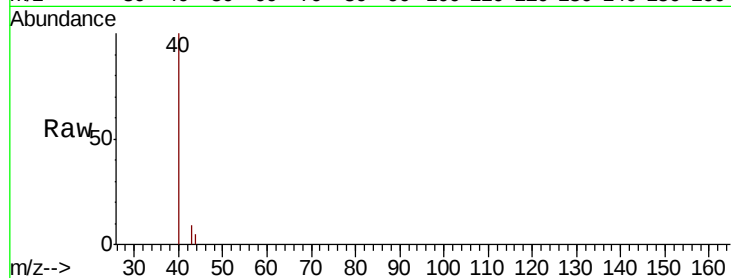
Acq: 16 Mar 2019 12:13

Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

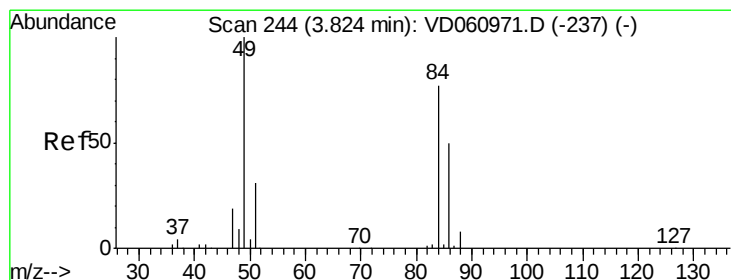
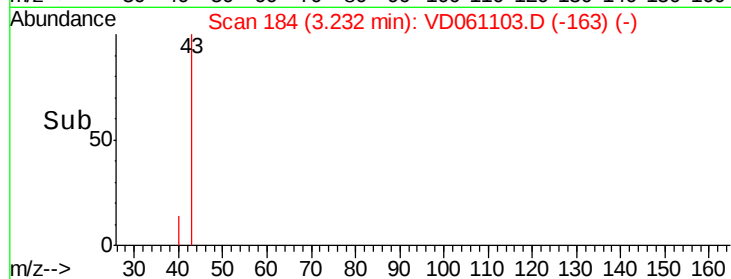
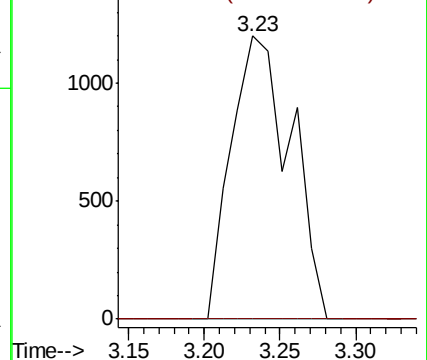
43 100

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: Below Cal

RT: 3.84 min Scan# 246

Delta R.T. 0.02 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

Tgt Ion: 84 Resp: 21347

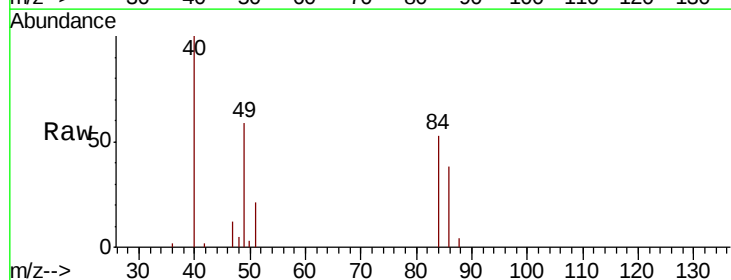
Ion Ratio Lower Upper

84 100

49 112.6 104.2 156.2

51 39.3 32.3 48.5

86 71.6 52.3 78.5

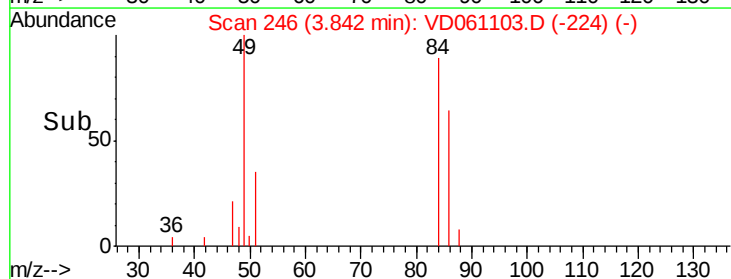
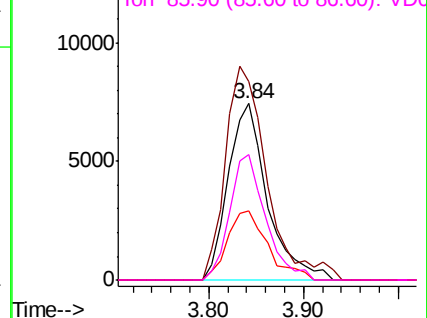


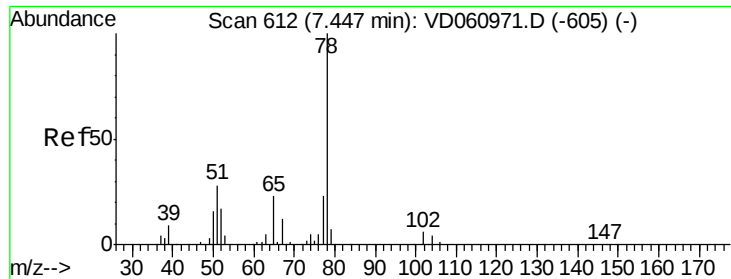
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.46 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061103.D

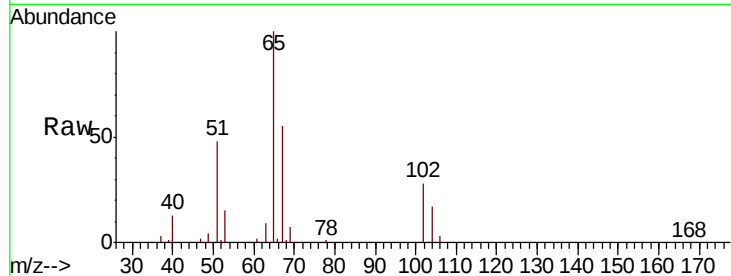
Acq: 16 Mar 2019 12:13

Tgt Ion: 65 Resp: 308452

Ion Ratio Lower Upper

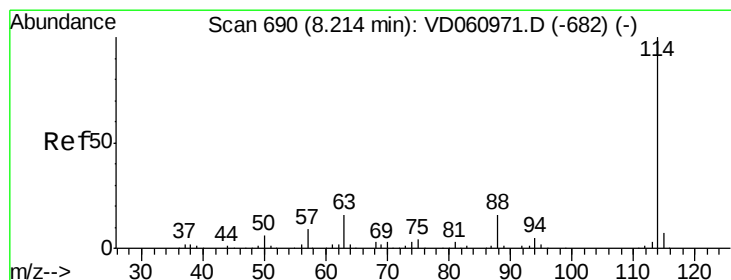
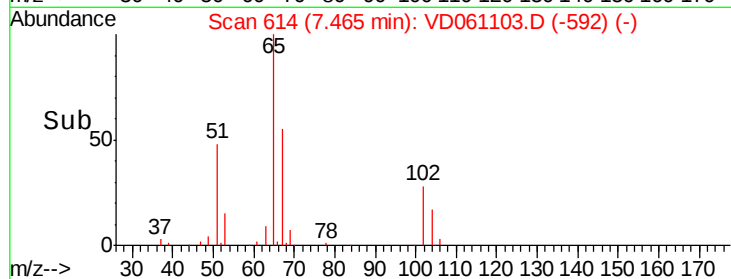
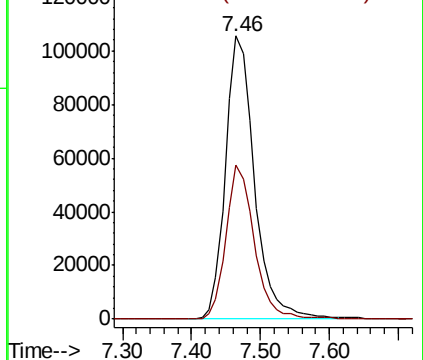
65 100

67 54.5 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: 8.23 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

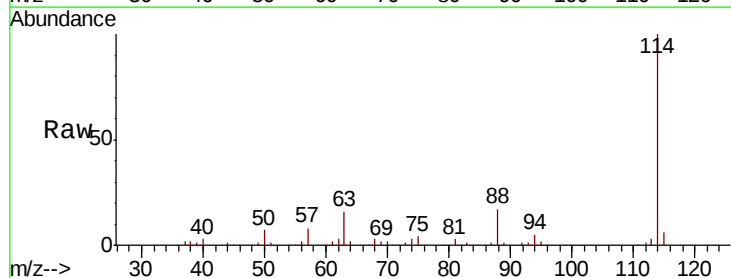
Tgt Ion: 114 Resp: 1221798

Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.4

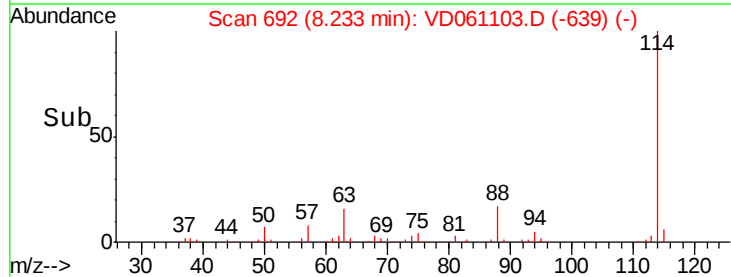
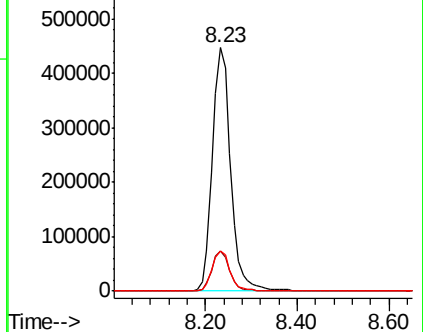
88 16.5 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

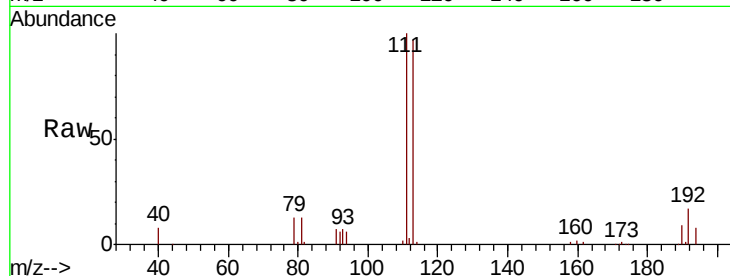
Tgt Ion: 113 Resp: 508842

Ion Ratio Lower Upper

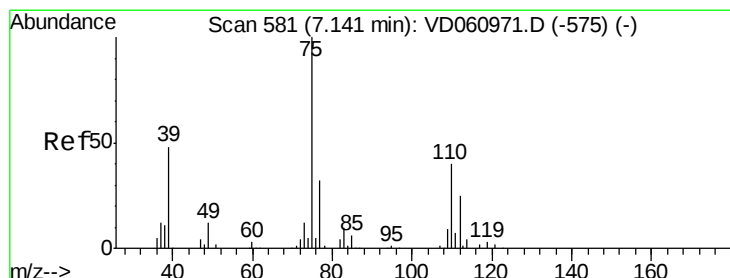
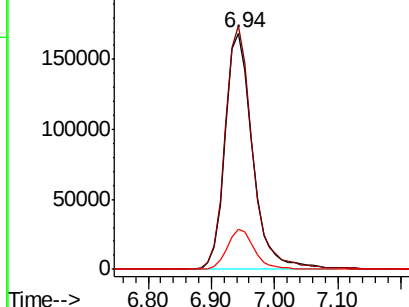
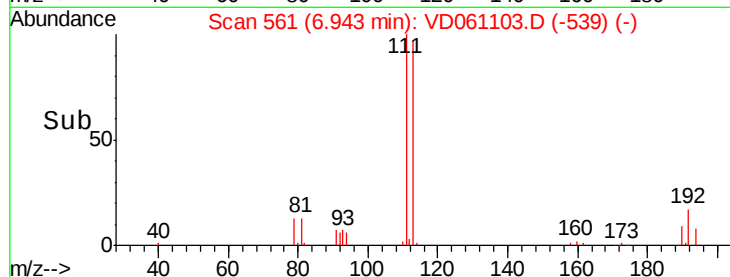
113 100

111 103.0 84.2 126.4

192 17.2 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



#36

1,1-Dichloropropene

Concen: 5.340 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.08 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

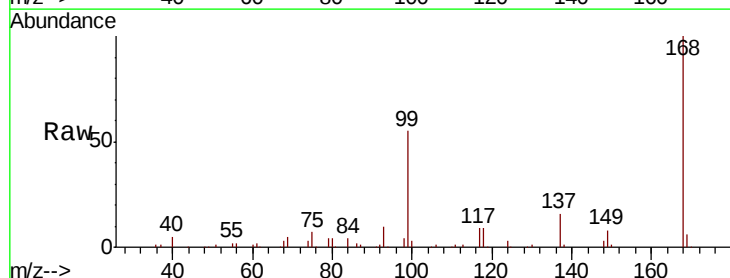
Tgt Ion: 75 Resp: 56244

Ion Ratio Lower Upper

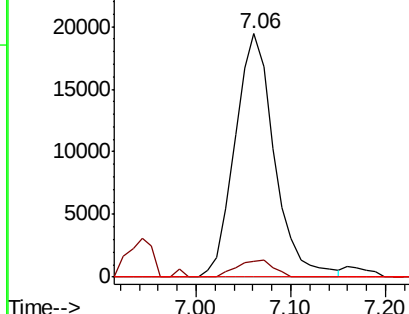
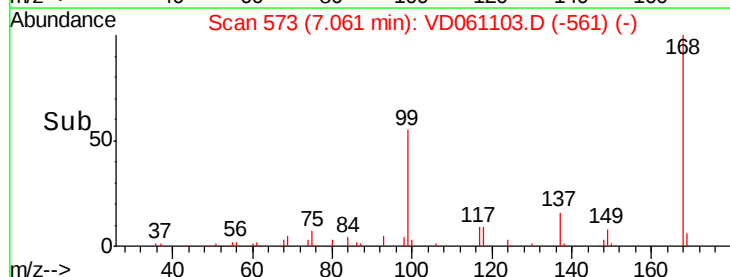
75 100

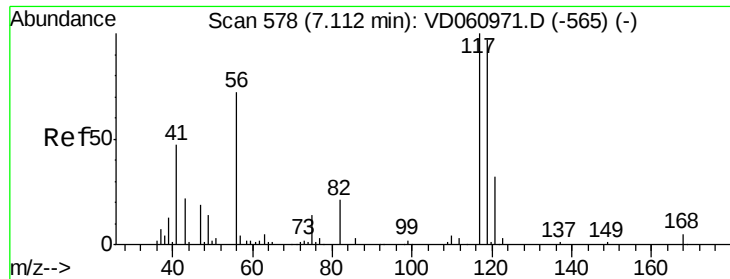
110 6.4 19.7 59.1#

77 0.0 24.7 37.1#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





#38

Carbon Tetrachloride

Concen: 6.524 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.05 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

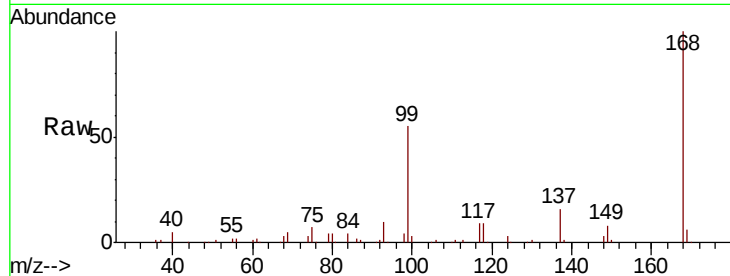
Tgt Ion: 117 Resp: 75687

Ion Ratio Lower Upper

117 100

119 3.4 77.8 116.8#

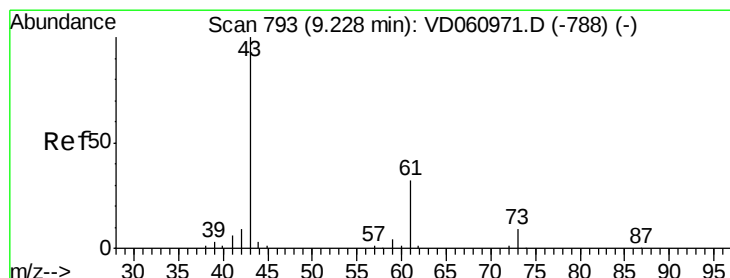
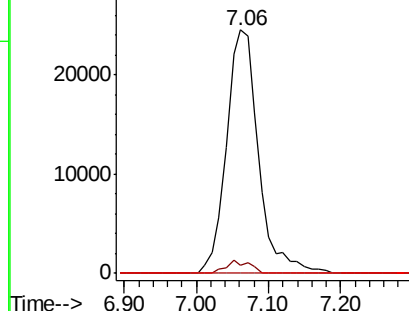
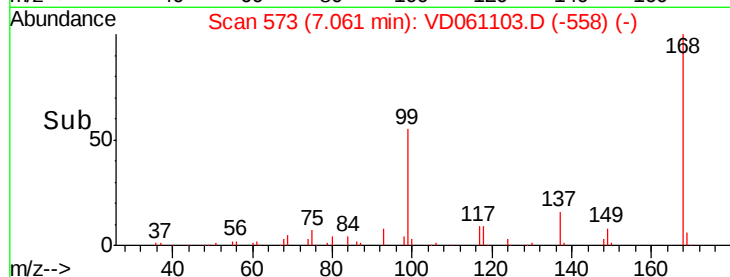
121 0.0 25.3 37.9#



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



#43

Isopropyl Acetate

Concen: 4.125 ug/l

RT: 9.56 min Scan# 827

Delta R.T. 0.33 min

Lab File: VD061103.D

Acq: 16 Mar 2019 12:13

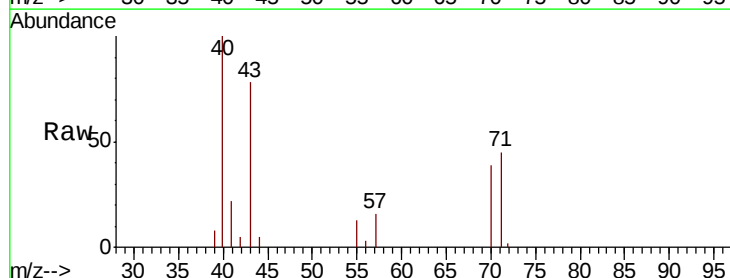
Tgt Ion: 43 Resp: 28238

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

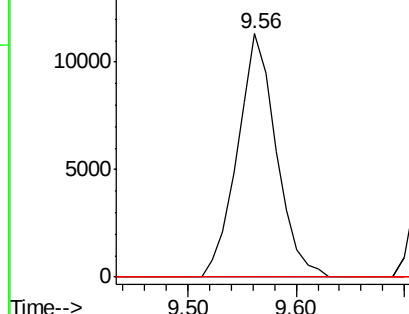
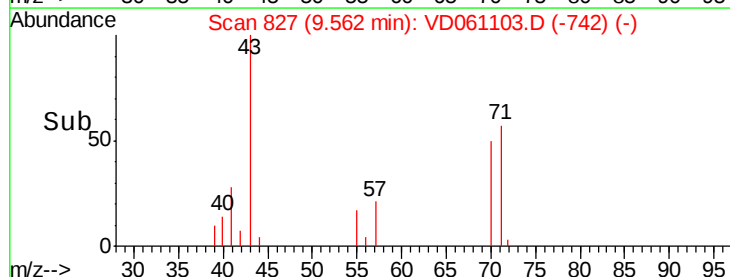
87 0.0 0.2 0.4#

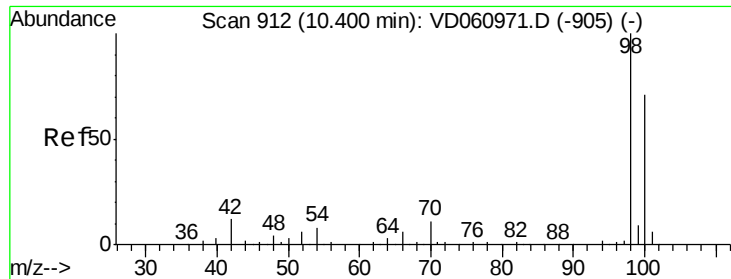


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

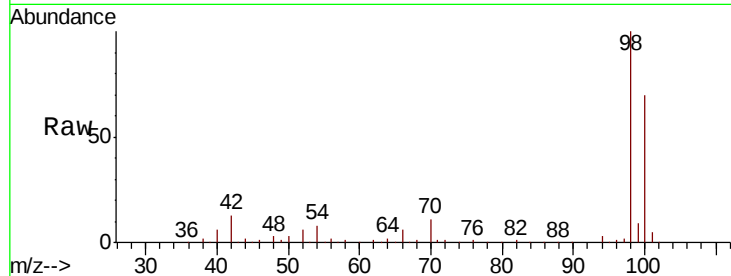
Ion 87.00 (86.70 to 87.70): V



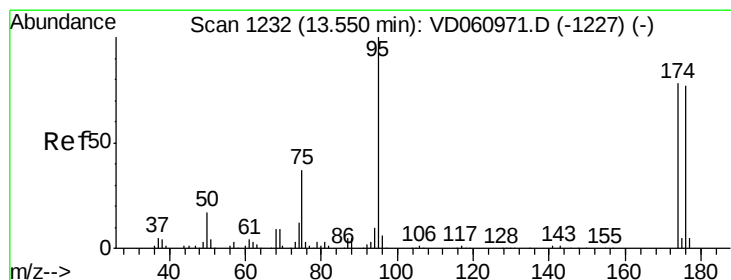
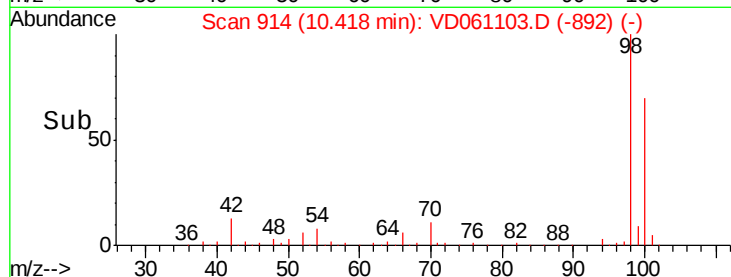
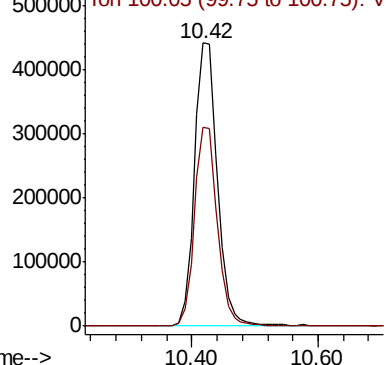


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

Tgt Ion: 98 Resp: 1110661
Ion Ratio Lower Upper
98 100
100 70.1 57.4 86.2

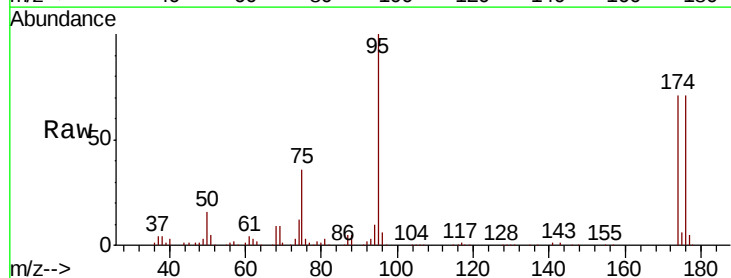


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

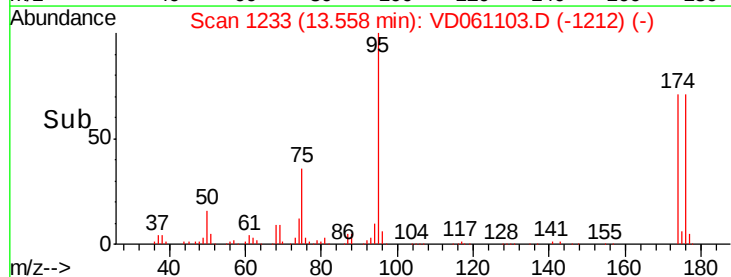
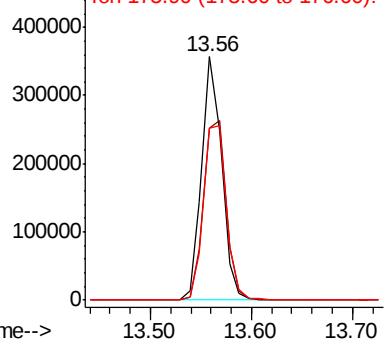


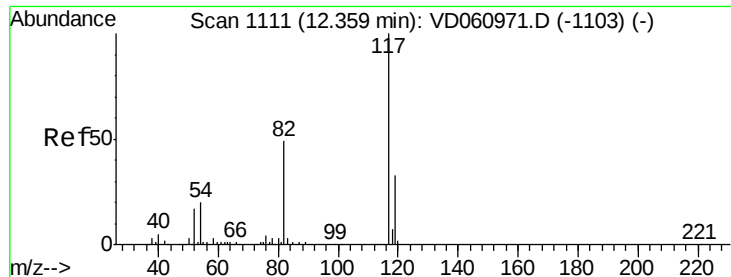
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

Tgt Ion: 95 Resp: 491845
Ion Ratio Lower Upper
95 100
174 70.8 0.0 155.6
176 70.6 0.0 153.8



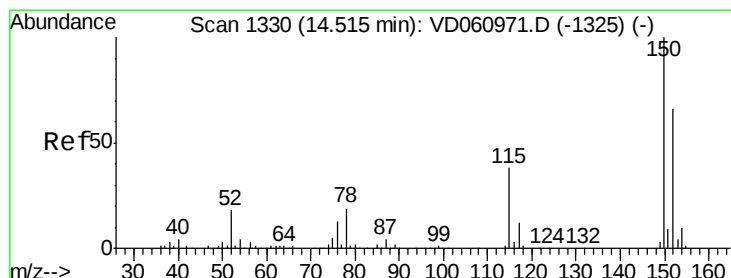
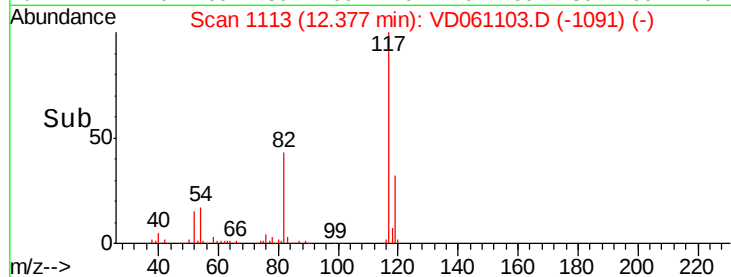
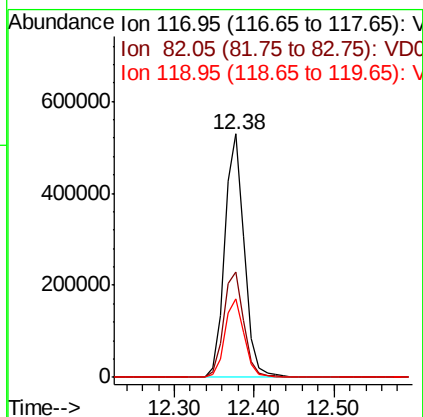
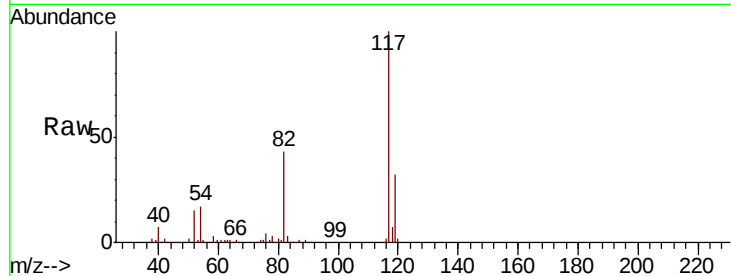
Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





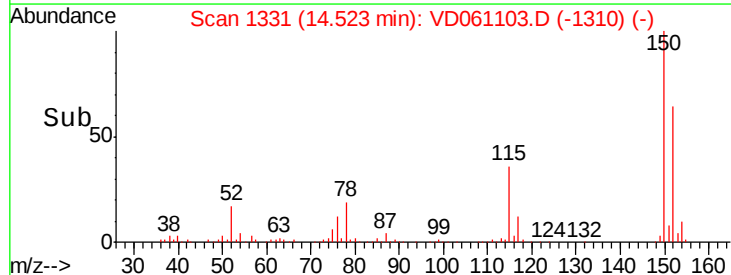
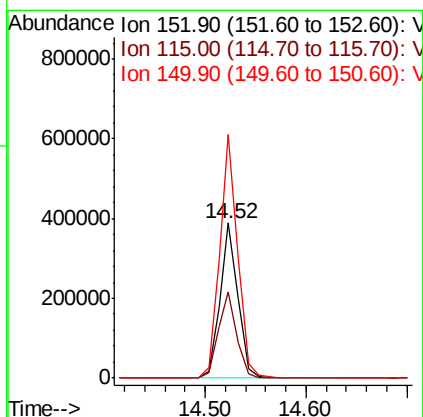
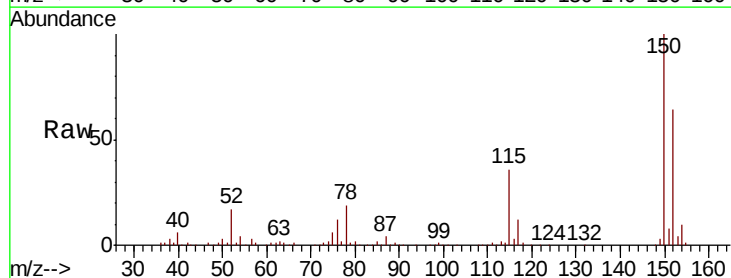
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

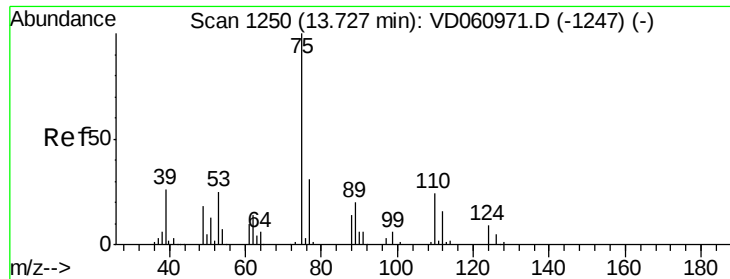
Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.3	38.9	58.3
119	32.4	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061103.D
Acq: 16 Mar 2019 12:13

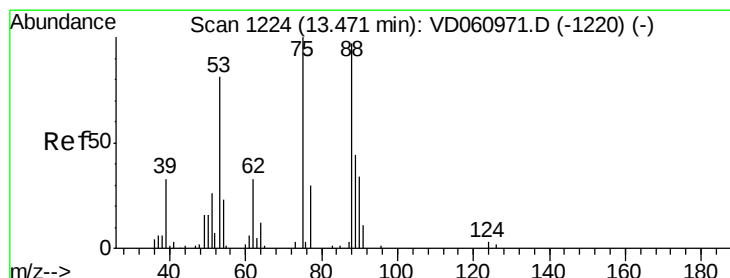
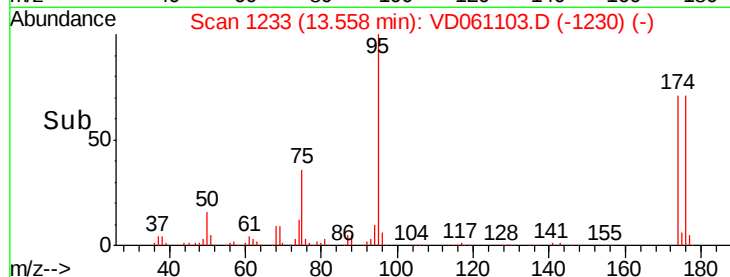
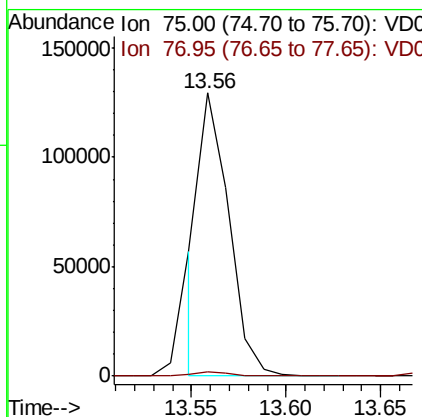
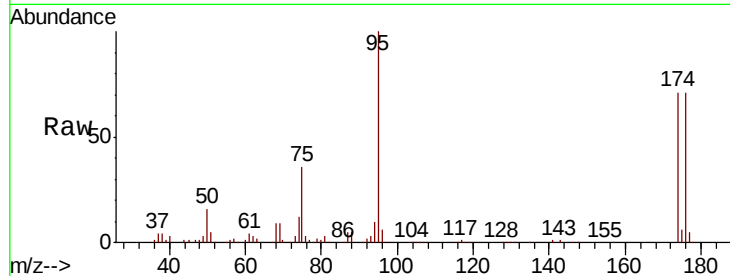
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.6	85.9
150	157.1	0.0	310.6





#76
 1,2,3-Trichloropropane
 Concen: 20.264 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.17 min
 Lab File: VD061103.D
 Acq: 16 Mar 2019 12:13

Tgt Ion: 75 Resp: 140281
 Ion Ratio Lower Upper
 75 100
 77 1.6 16.6 49.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.916 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061103.D
 Acq: 16 Mar 2019 12:13

Tgt Ion: 75 Resp: 177393
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

