

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061109.D
 Acq On : 16 Mar 2019 15:09
 Operator : VA/AP
 Sample : K1905-03
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

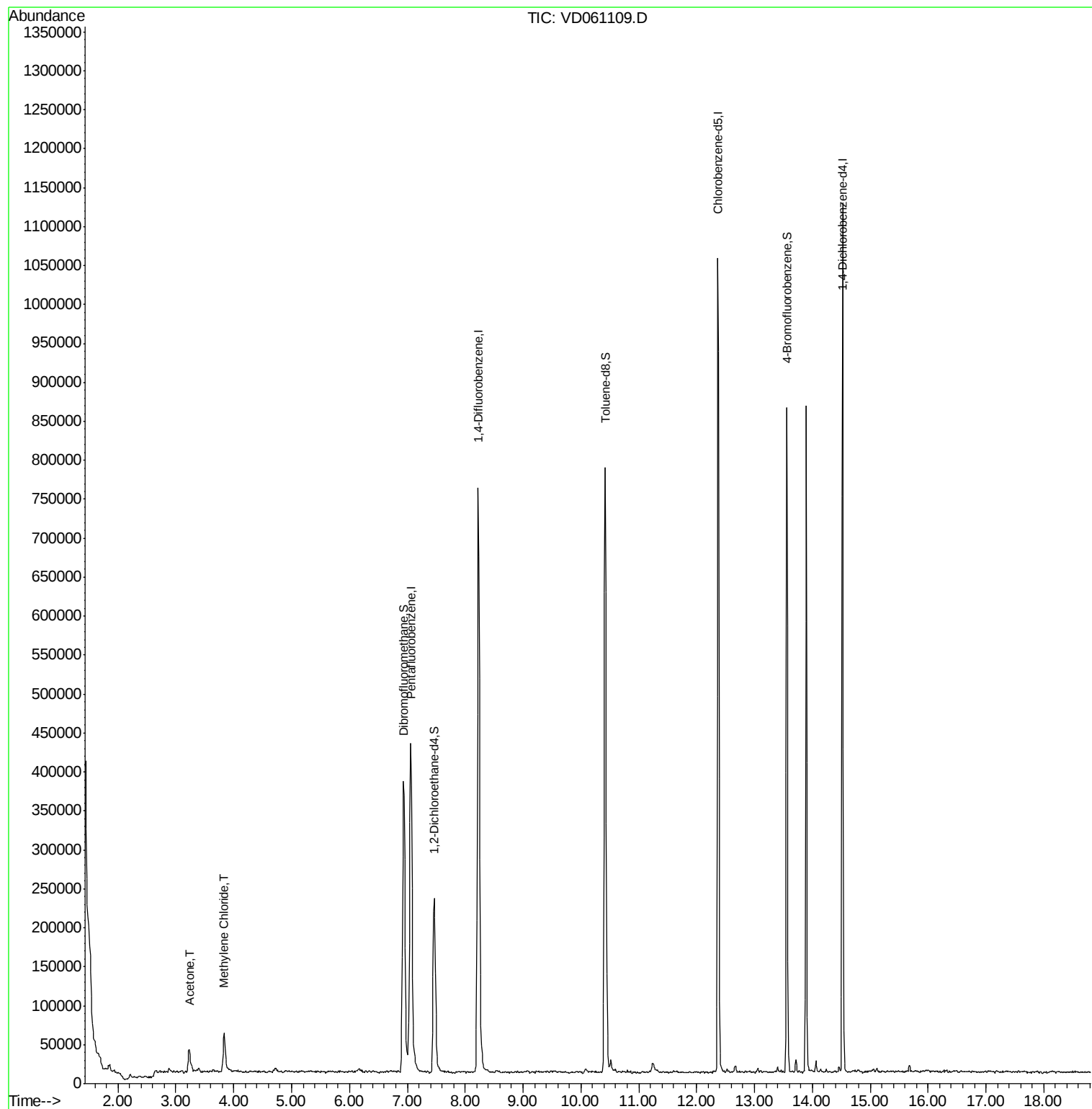
Quant Time: Mar 18 04:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	491619	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	932335	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	686798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	258327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	229517	56.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.18%	
35) Dibromofluoromethane	6.93	113	366368	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
50) Toluene-d8	10.42	98	682096	39.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.52%	
62) 4-Bromofluorobenzene	13.56	95	269136	39.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.84%	
Target Compounds						
16) Acetone	3.22	43	55285	47.244	ug/l	99
20) Methylene Chloride	3.83	84	39938	3.112	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061109.D

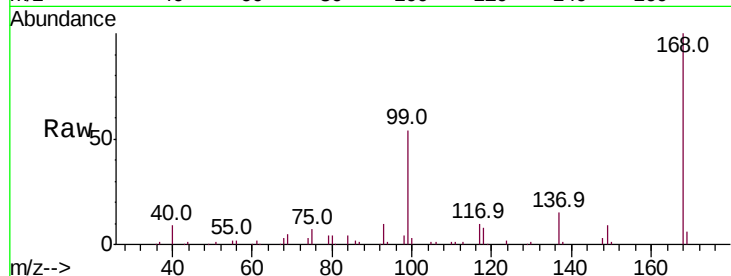
Acq: 16 Mar 2019 15:09

Tot Ion:168 Resp: 491619

Ion Ratio Lower Upper

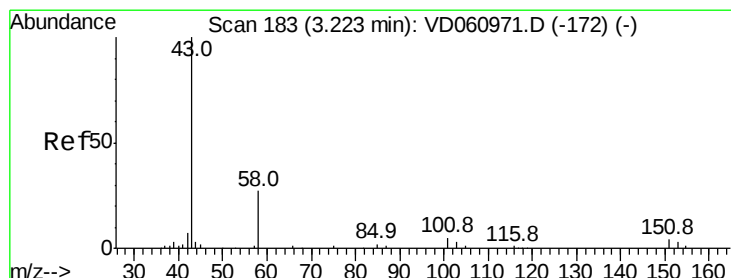
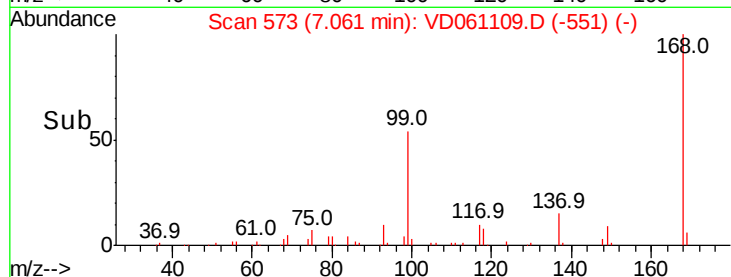
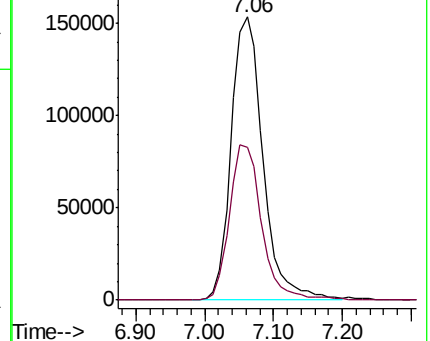
168 100

99 54.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 47.244 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061109.D

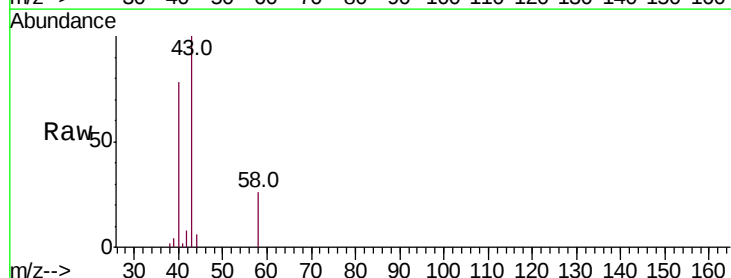
Acq: 16 Mar 2019 15:09

Tgt Ion: 43 Resp: 55285

Ion Ratio Lower Upper

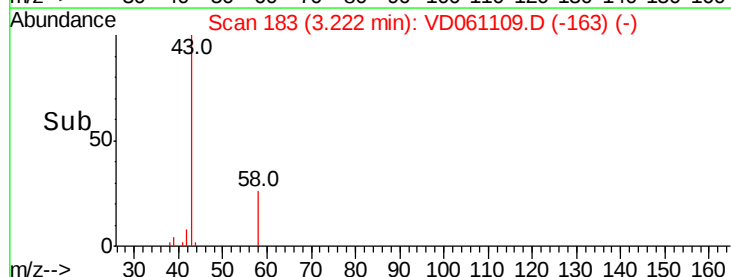
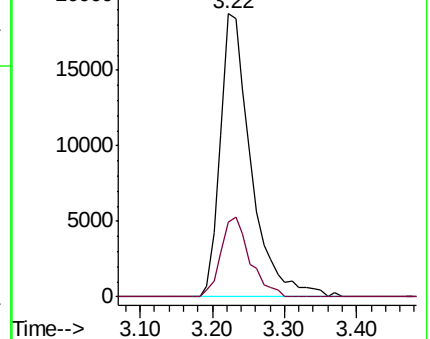
43 100

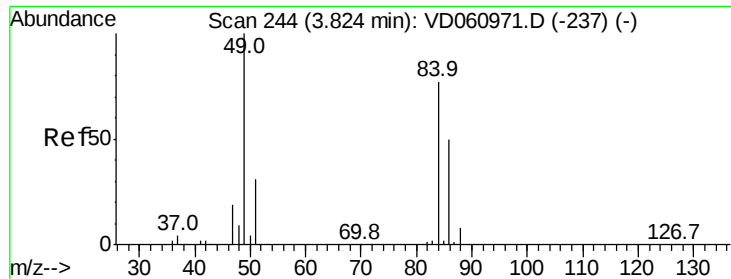
58 26.3 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

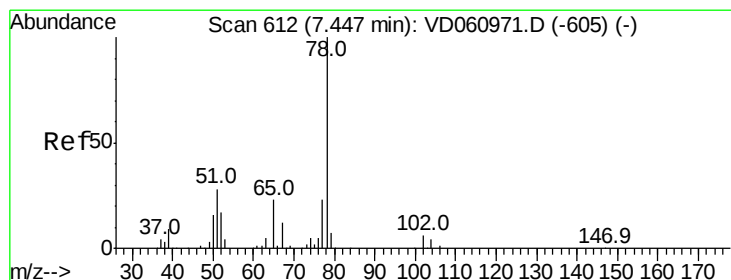
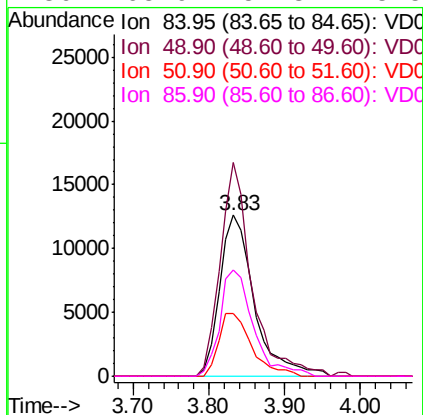
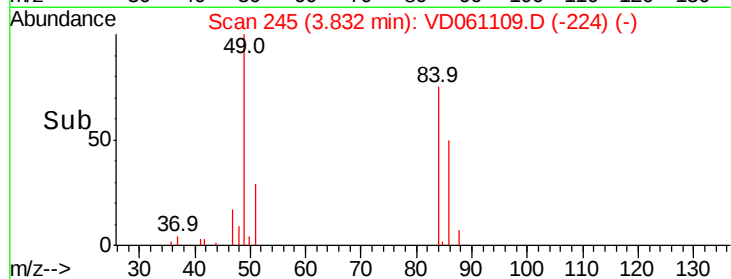
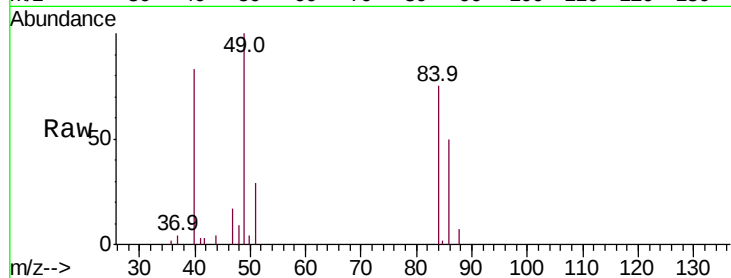




#20
Methvlene Chloride
Concen: 3.112 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD061109.D
Acq: 16 Mar 2019 15:09

Tot Ion: 84 Resp: 39938

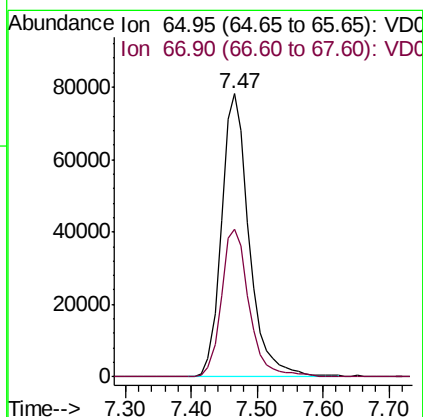
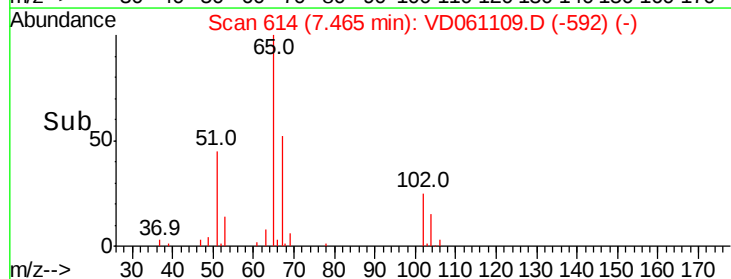
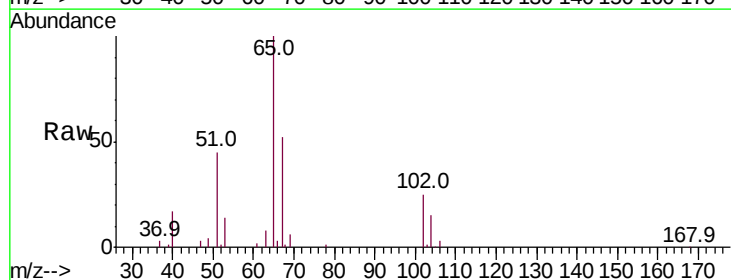
Ion	Ratio	Lower	Upper
84	100		
49	132.5	104.2	156.2
51	39.0	32.3	48.5
86	65.9	52.3	78.5

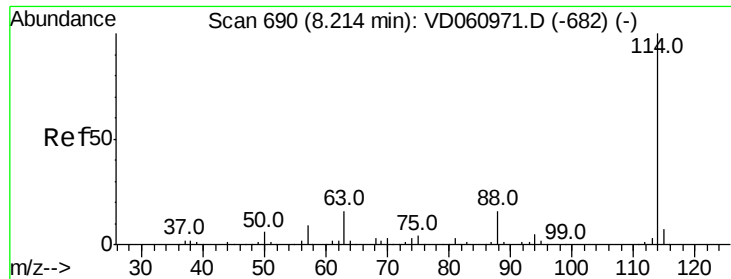


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD061109.D
Acq: 16 Mar 2019 15:09

Tgt Ion: 65 Resp: 229517

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061109.D

Acq: 16 Mar 2019 15:09

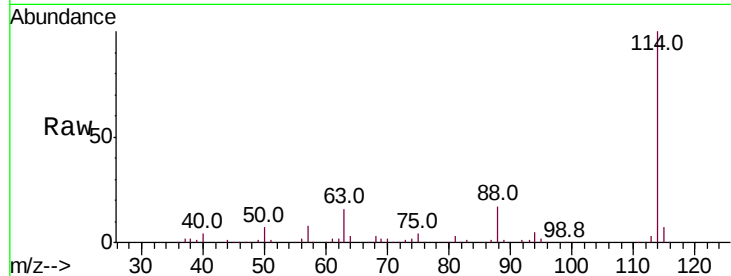
Tot Ion:114 Resp: 932335

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

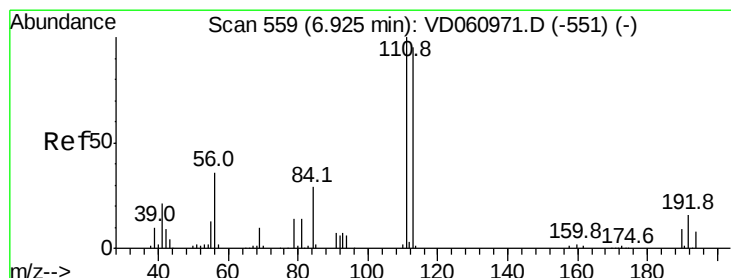
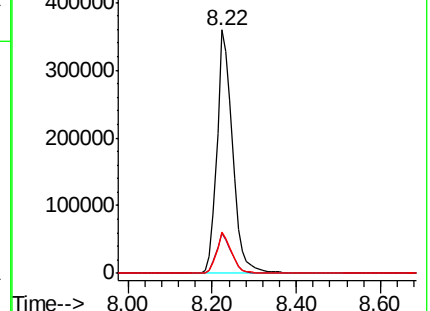
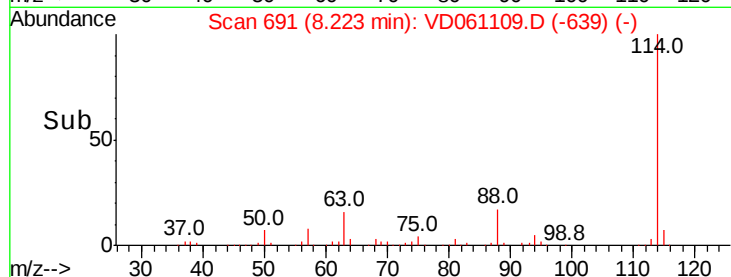
88 16.8 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061109.D

Acq: 16 Mar 2019 15:09

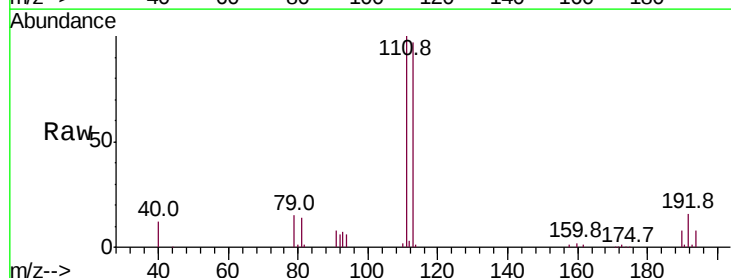
Tgt Ion:113 Resp: 366368

Ion Ratio Lower Upper

113 100

111 102.8 84.2 126.4

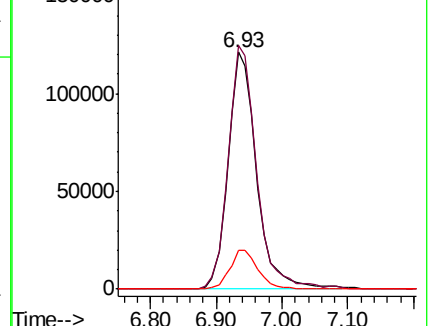
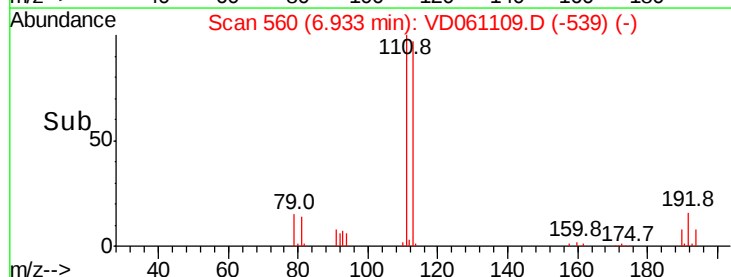
192 16.3 13.1 19.7

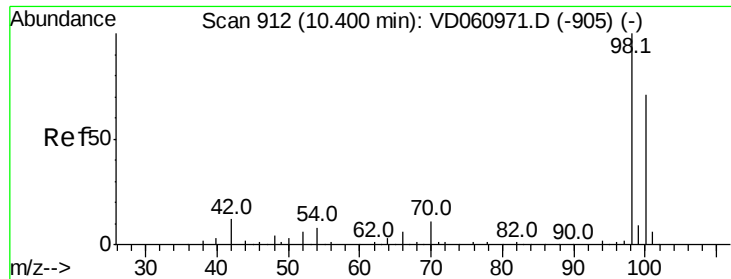


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061109.D

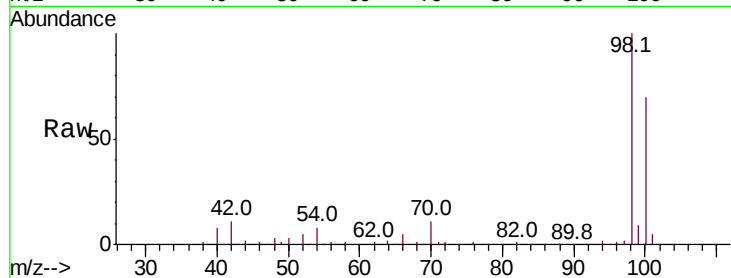
Acq: 16 Mar 2019 15:09

Tot Ion: 98 Resp: 682096

Ion Ratio Lower Upper

98 100

100 69.6 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.42

300000

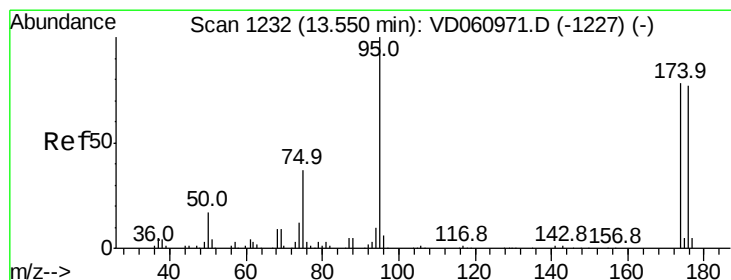
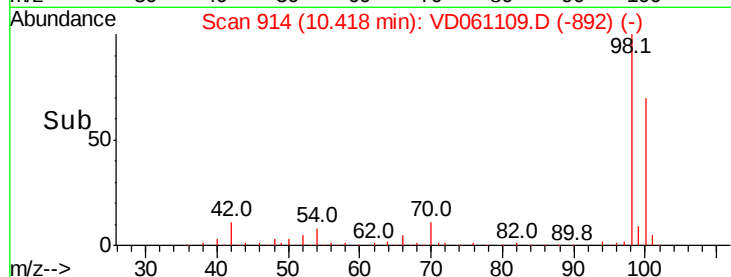
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061109.D

Acq: 16 Mar 2019 15:09

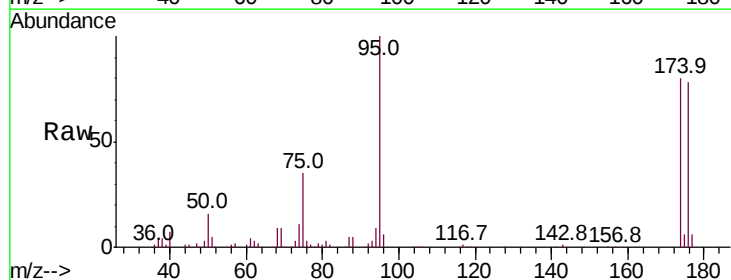
Tgt Ion: 95 Resp: 269136

Ion Ratio Lower Upper

95 100

174 79.5 0.0 155.6

176 78.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.56

250000

200000

150000

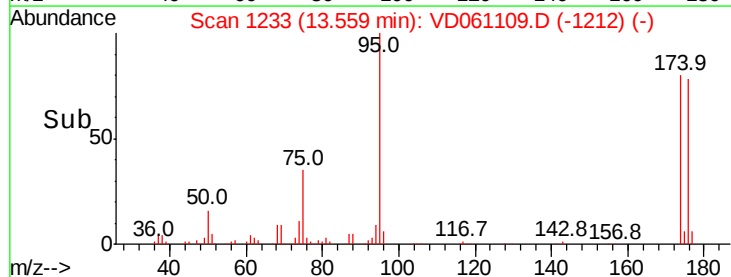
100000

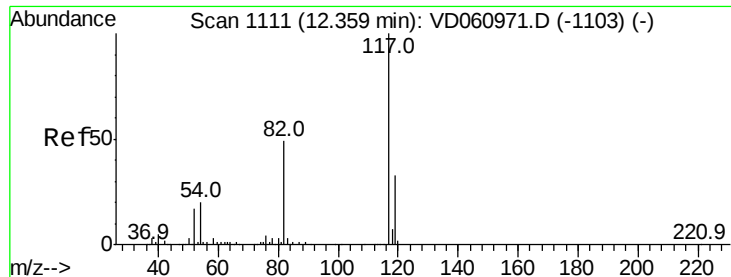
50000

0

Time-->

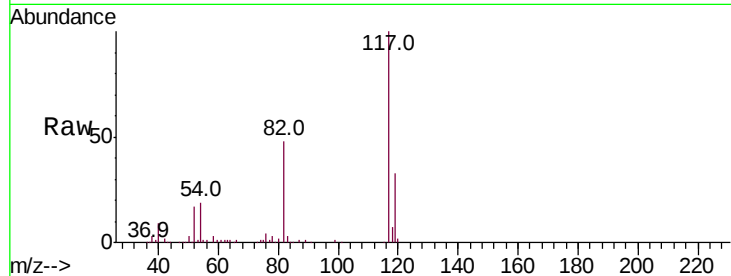
13.50 13.55 13.60 13.65



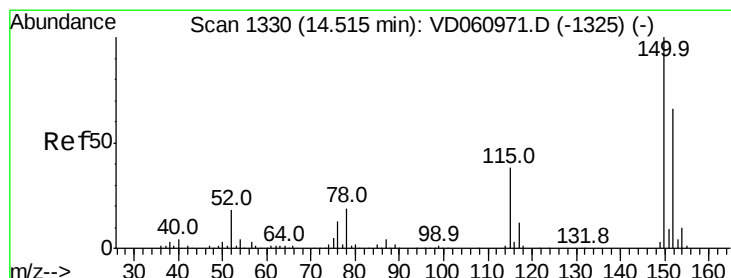
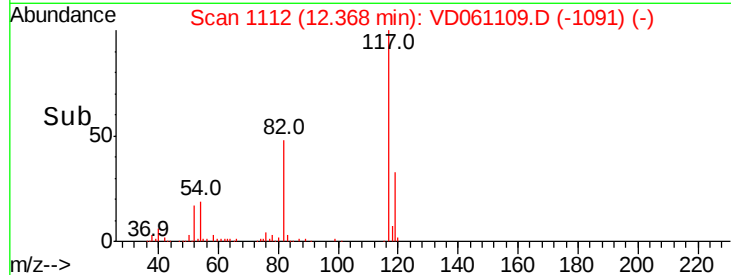
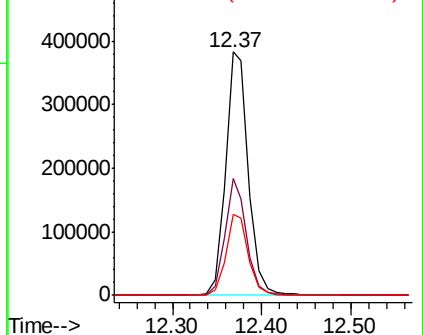


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061109.D
Acq: 16 Mar 2019 15:09

Tot Ion:117 Resp: 686798
Ion Ratio Lower Upper
117 100
82 48.1 38.9 58.3
119 33.1 26.6 39.8

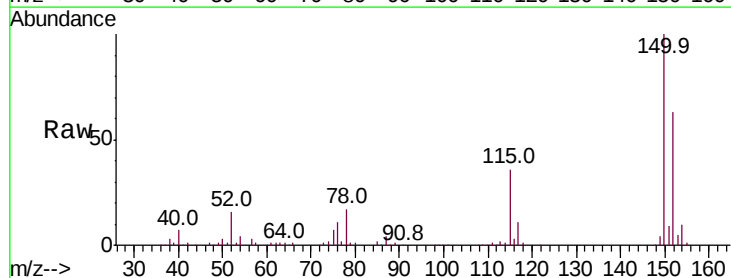


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061109.D
Acq: 16 Mar 2019 15:09

Tgt Ion:152 Resp: 258327
Ion Ratio Lower Upper
152 100
115 56.4 28.6 85.9
150 157.7 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

