

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061135.D
 Acq On : 17 Mar 2019 4:56
 Operator : VA/AP
 Sample : K1691-17
 Misc : 5.44g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

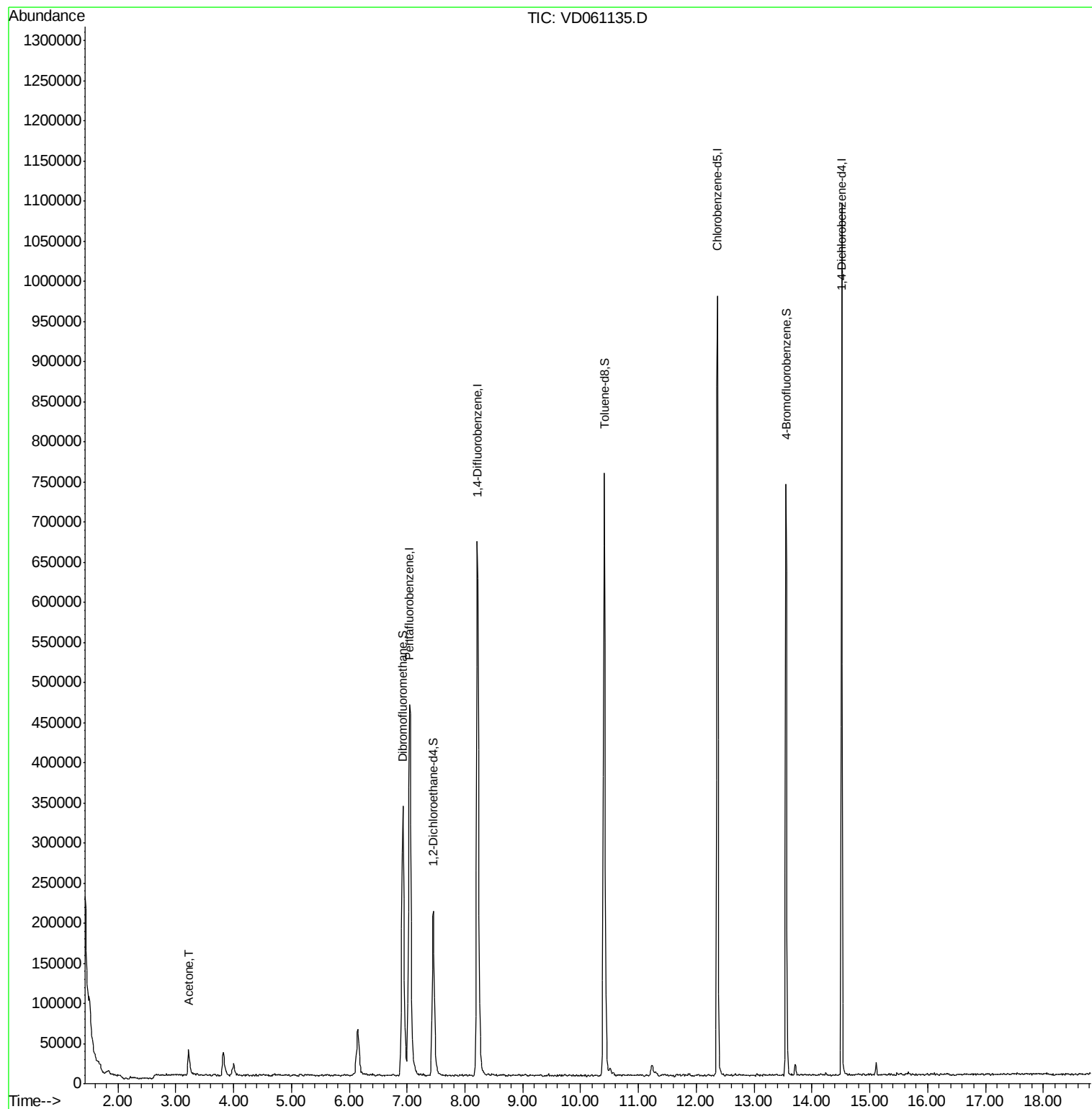
Quant Time: Mar 18 05:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

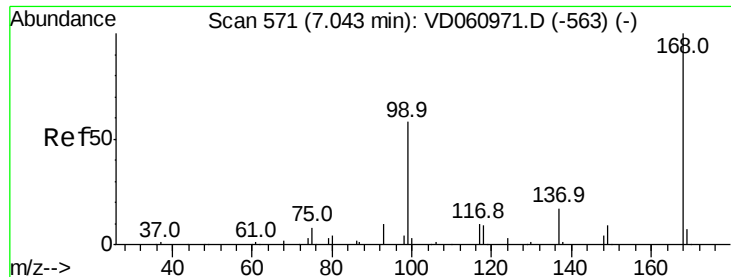
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.05	168	488459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	843248	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	626585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	229314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	212269	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
35) Dibromofluoromethane	6.92	113	333875	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.41	98	667872	42.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.00%	
62) 4-Bromofluorobenzene	13.55	95	247907	40.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.32%	
Target Compounds						Qvalue
16) Acetone	3.22	43	56523	48.615	ug/l	99
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(#) = 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: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061135.D

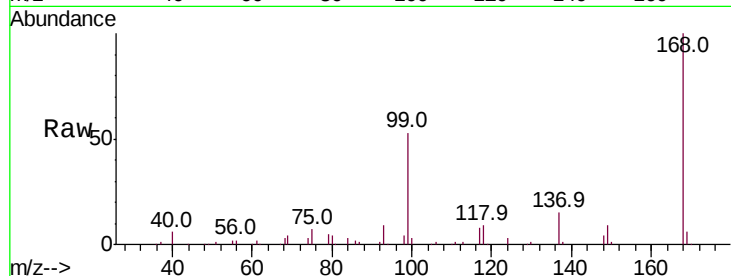
Acq: 17 Mar 2019 4:56

Tot Ion:168 Resp: 488459

Ion Ratio Lower Upper

168 100

99 52.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

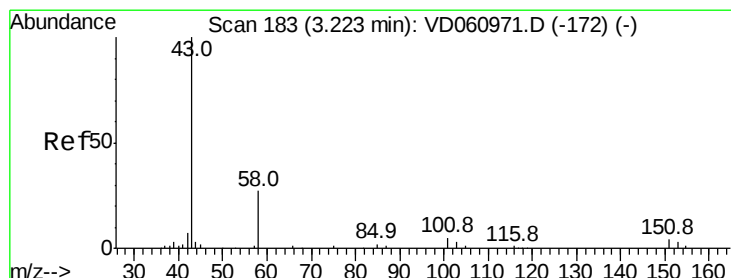
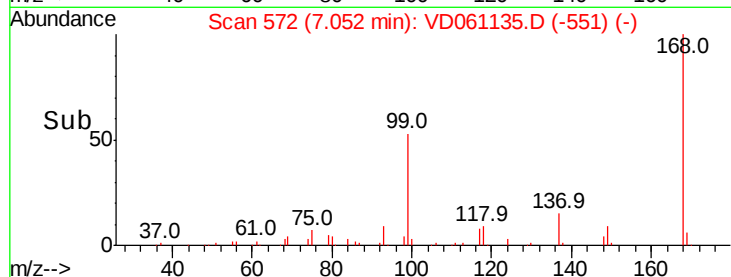
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 48.615 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061135.D

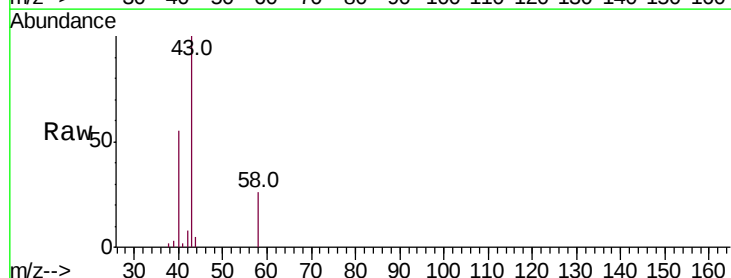
Acq: 17 Mar 2019 4:56

Tgt Ion: 43 Resp: 56523

Ion Ratio Lower Upper

43 100

58 26.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

15000

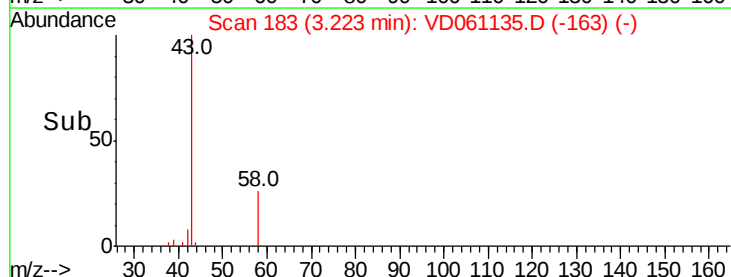
10000

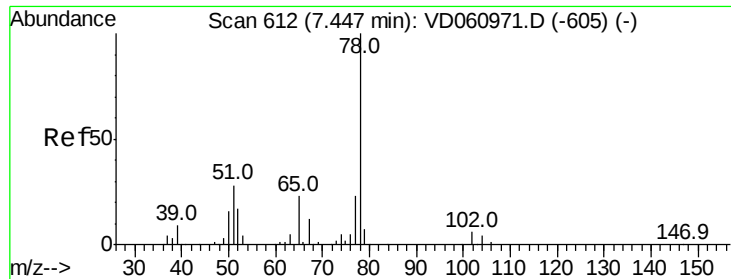
5000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061135.D

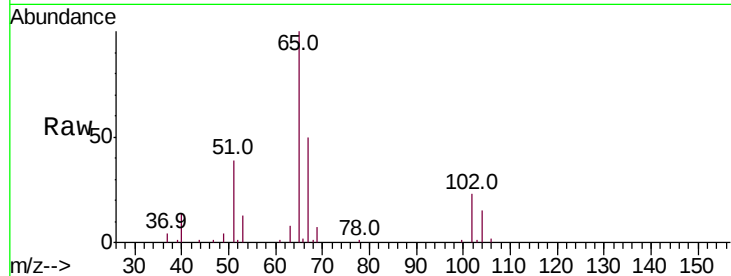
Acq: 17 Mar 2019 4:56

Tot Ion: 65 Resp: 212269

Ion Ratio Lower Upper

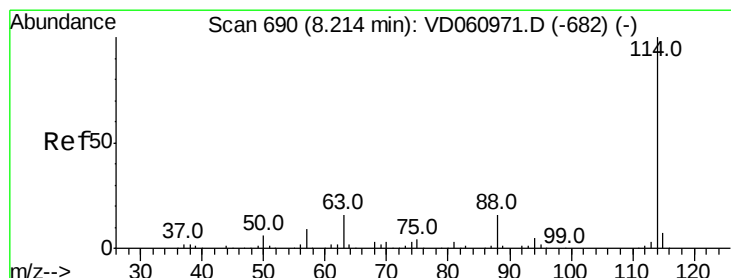
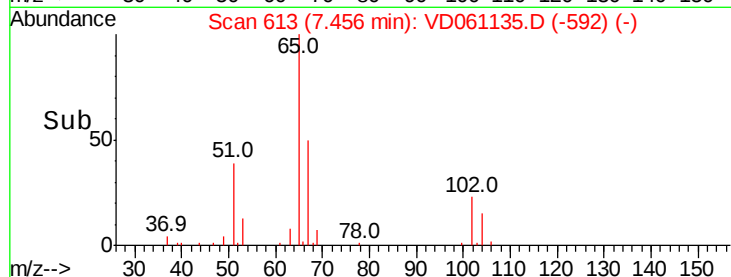
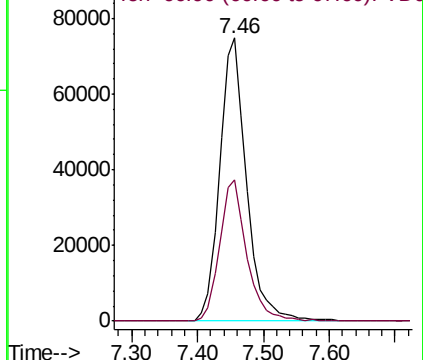
65 100

67 50.0 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: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061135.D

Acq: 17 Mar 2019 4:56

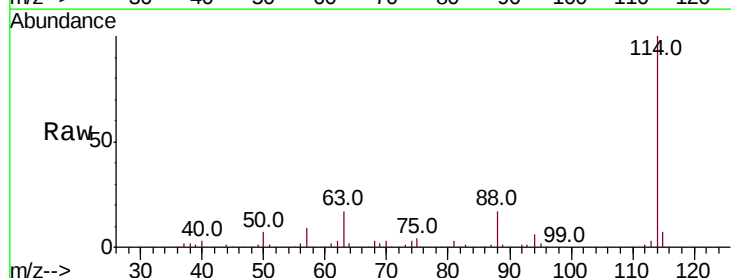
Tgt Ion: 114 Resp: 843248

Ion Ratio Lower Upper

114 100

63 16.8 0.0 31.4

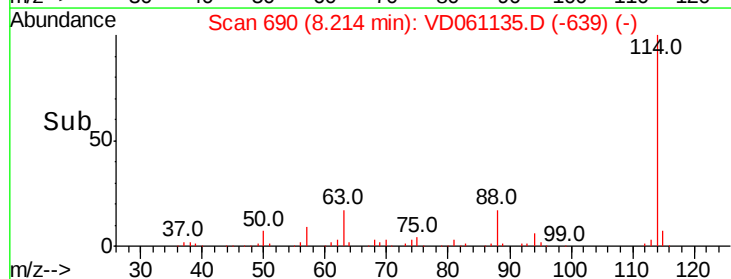
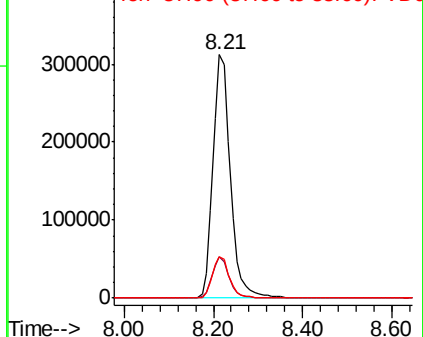
88 16.9 0.0 33.0

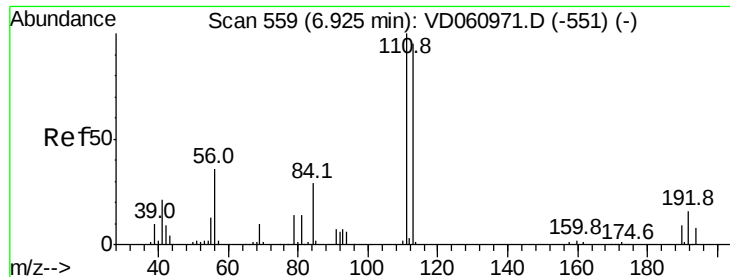


Abundance Ion 114.00 (113.70 to 114.70): V

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: 6.92 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD061135.D

Acq: 17 Mar 2019 4:56

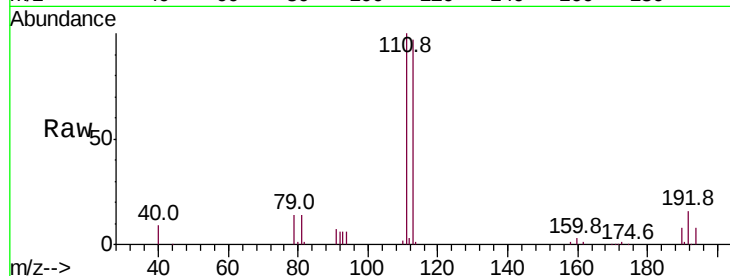
Tot Ion:113 Resp: 333875

Ion Ratio Lower Upper

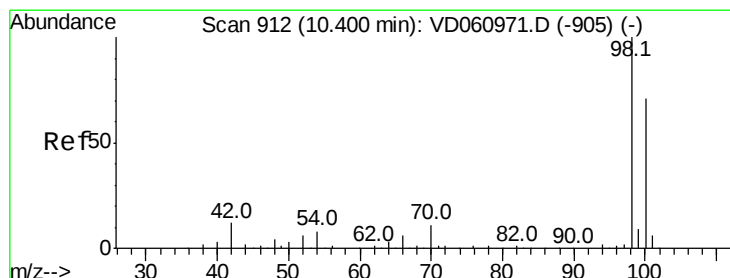
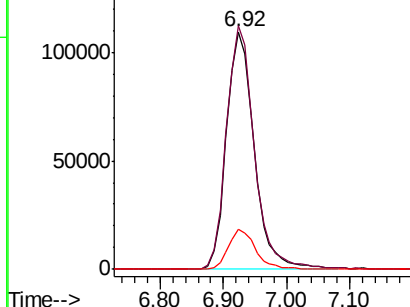
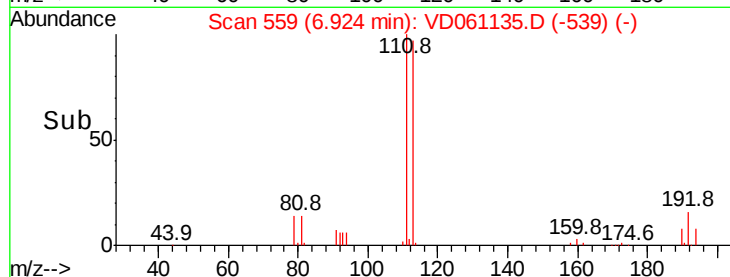
113 100

111 102.6 84.2 126.4

192 16.8 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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061135.D

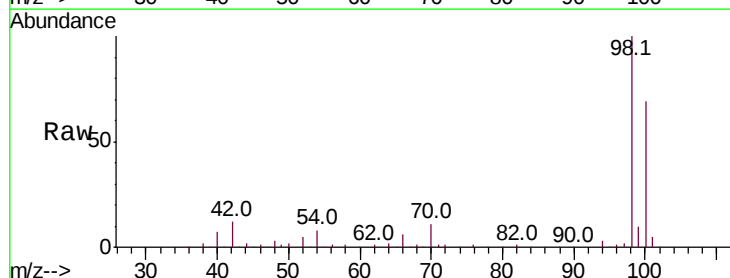
Acq: 17 Mar 2019 4:56

Tgt Ion: 98 Resp: 667872

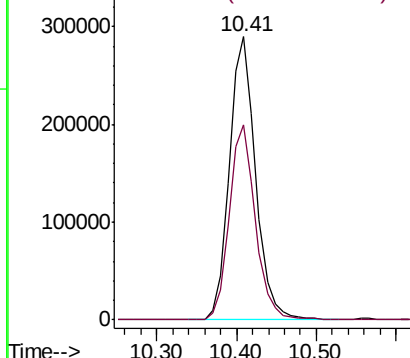
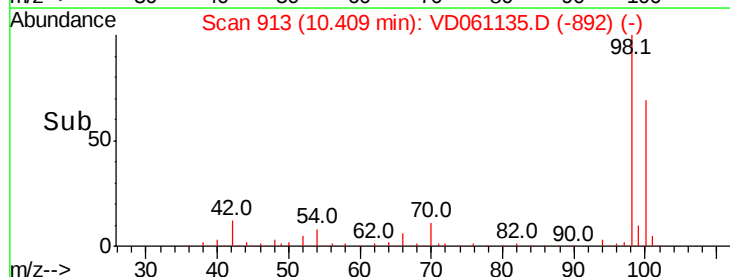
Ion Ratio Lower Upper

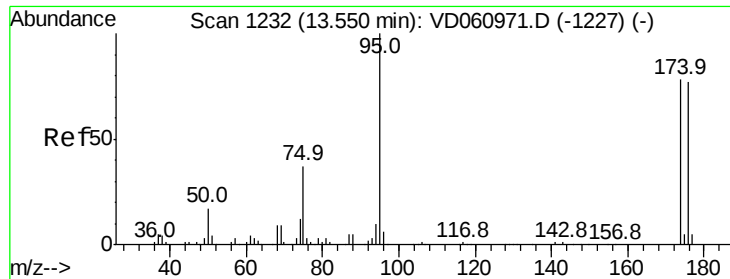
98 100

100 68.8 57.4 86.2



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061135.D

Acq: 17 Mar 2019 4:56

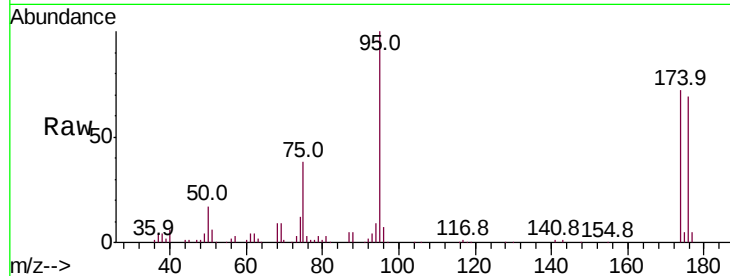
Tot Ion: 95 Resp: 247907

Ion Ratio Lower Upper

95 100

174 72.1 0.0 155.6

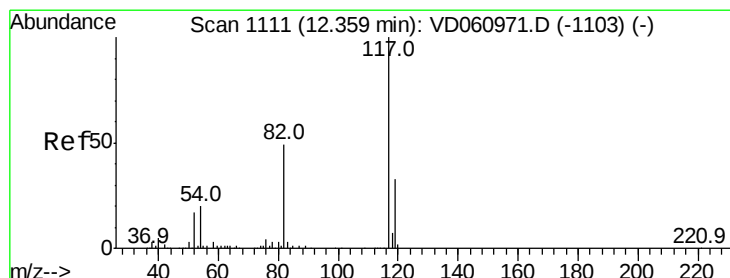
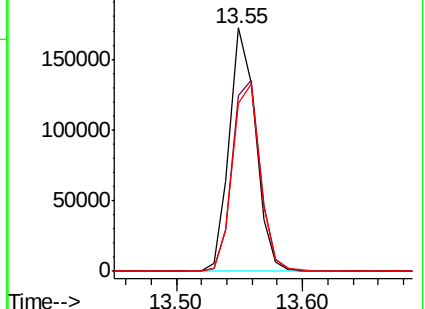
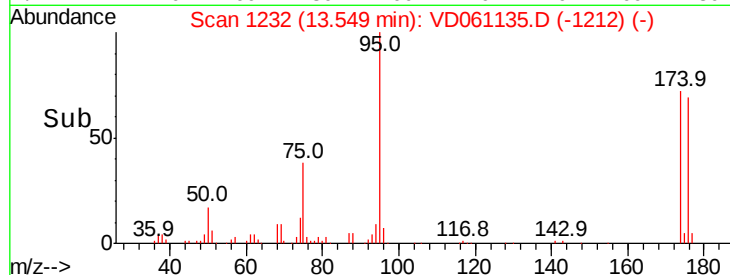
176 69.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061135.D

Acq: 17 Mar 2019 4:56

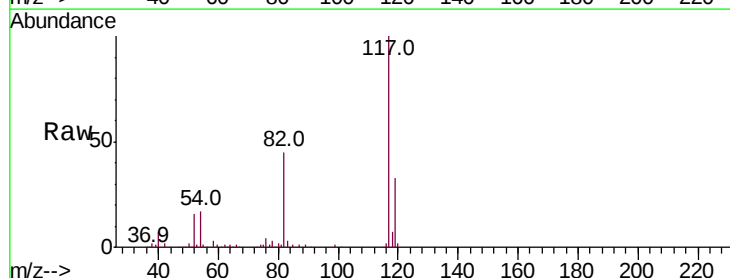
Tgt Ion: 117 Resp: 626585

Ion Ratio Lower Upper

117 100

82 45.0 38.9 58.3

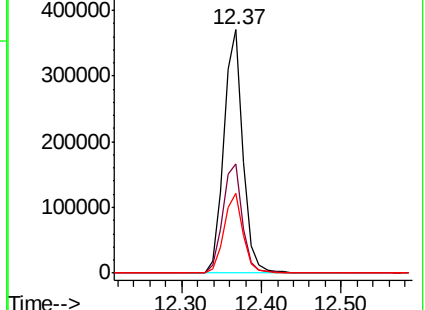
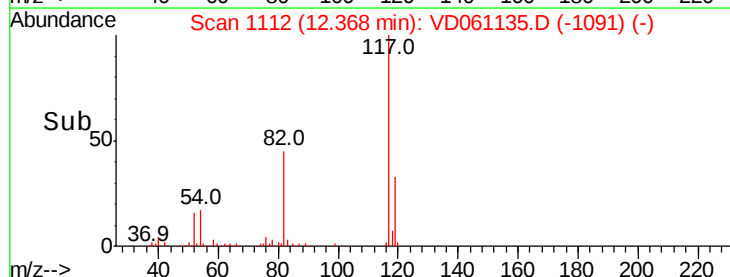
119 32.5 26.6 39.8

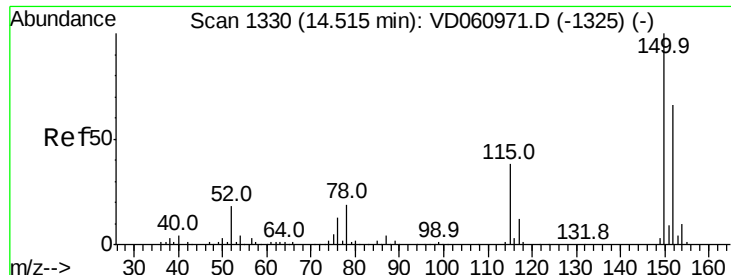


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

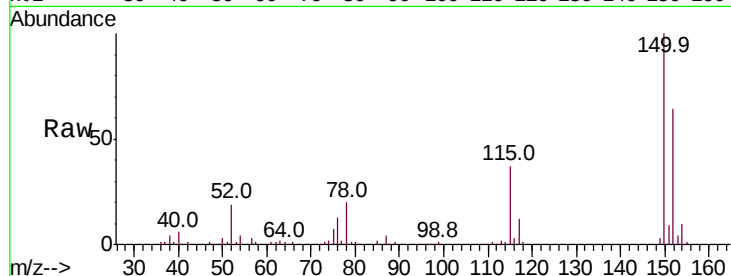
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061135.D
 Acq: 17 Mar 2019 4:56

Tot Ion:	152	Resp:	229314
Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.6	85.9
150	156.5	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

