

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061134.D
 Acq On : 17 Mar 2019 4:29
 Operator : VA/AP
 Sample : K1691-15
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

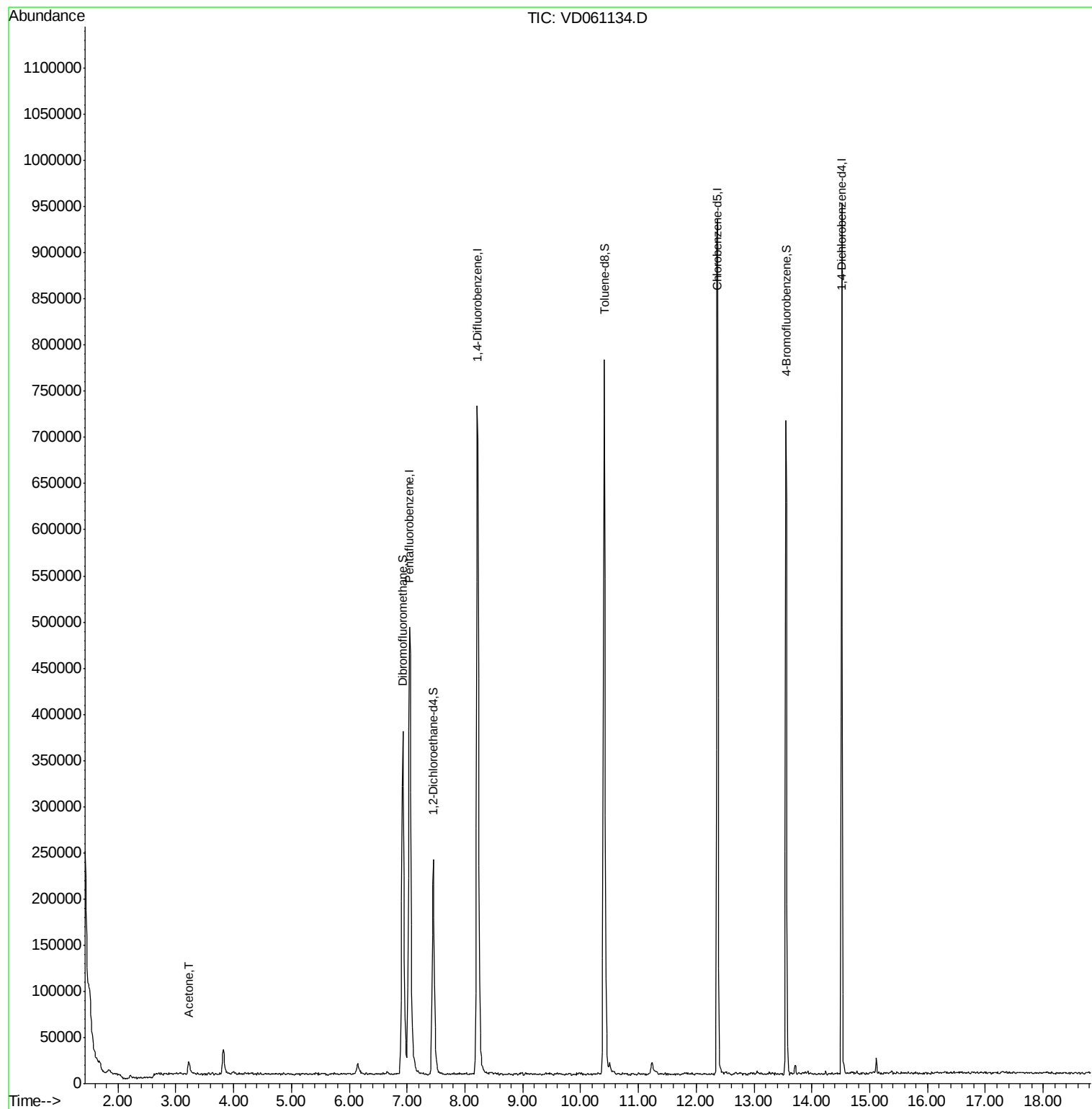
Quant Time: Mar 18 05:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

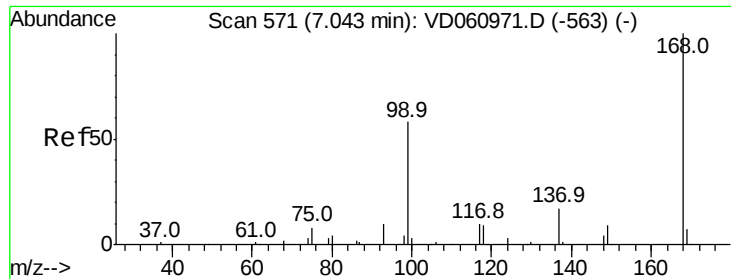
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	489867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	907527	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	623384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	206753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	227739	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
35) Dibromofluoromethane	6.92	113	349893	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.41	98	701067	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
62) 4-Bromofluorobenzene	13.55	95	238022	36.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.54%	
Target Compounds						
16) Acetone	3.22	43	27623	23.690	ug/l	Qvalue 99

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

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061134.D

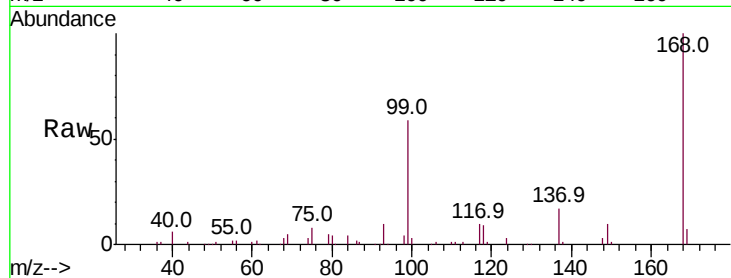
Acq: 17 Mar 2019 4:29

Tot Ion:168 Resp: 489867

Ion Ratio Lower Upper

168 100

99 59.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

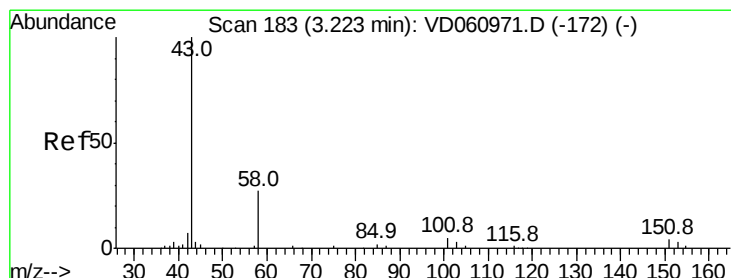
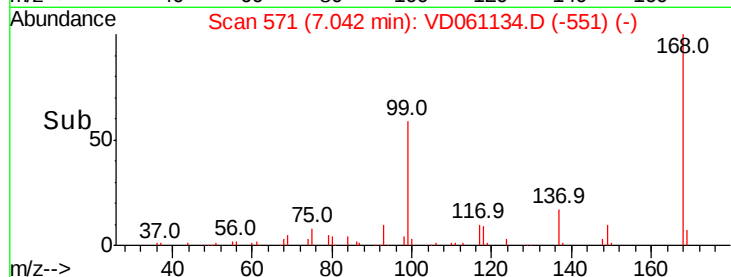
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 23.690 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061134.D

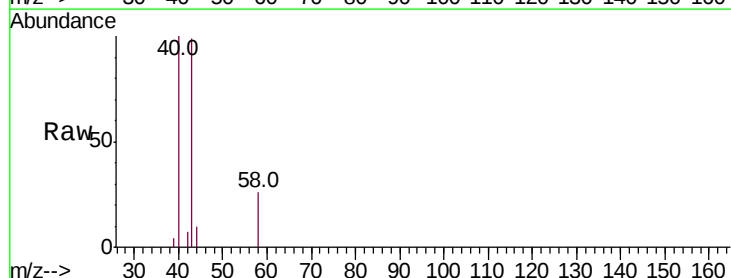
Acq: 17 Mar 2019 4:29

Tgt Ion: 43 Resp: 27623

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

10000

8000

6000

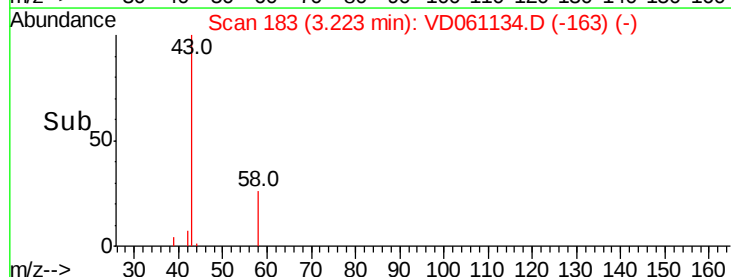
4000

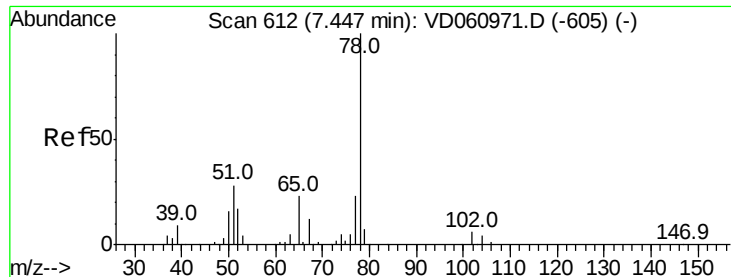
2000

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: VD061134.D

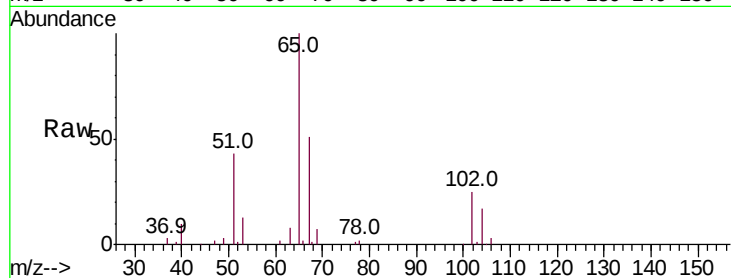
Acq: 17 Mar 2019 4:29

Tot Ion: 65 Resp: 227739

Ion Ratio Lower Upper

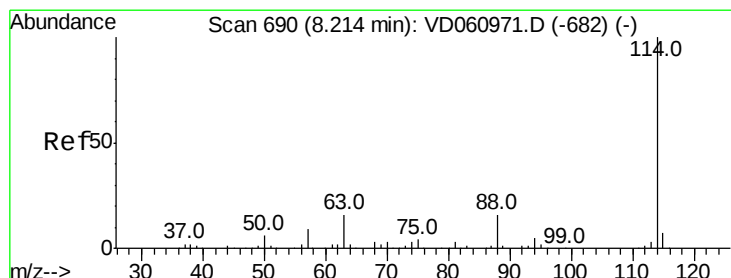
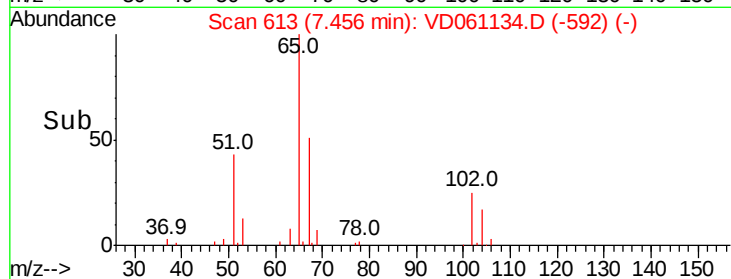
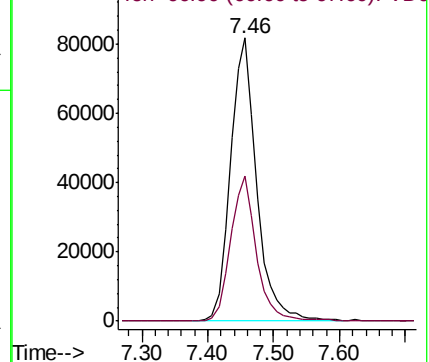
65 100

67 51.5 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: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061134.D

Acq: 17 Mar 2019 4:29

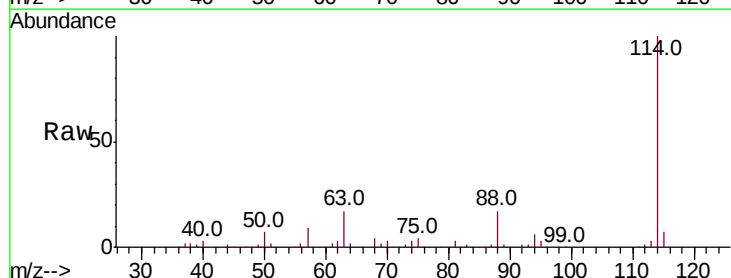
Tgt Ion: 114 Resp: 907527

Ion Ratio Lower Upper

114 100

63 16.9 0.0 31.4

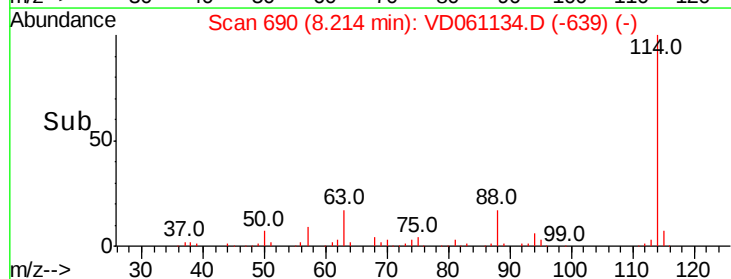
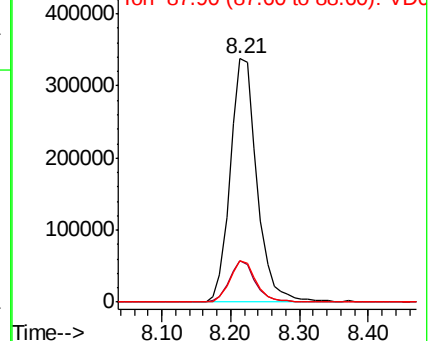
88 17.2 0.0 33.0

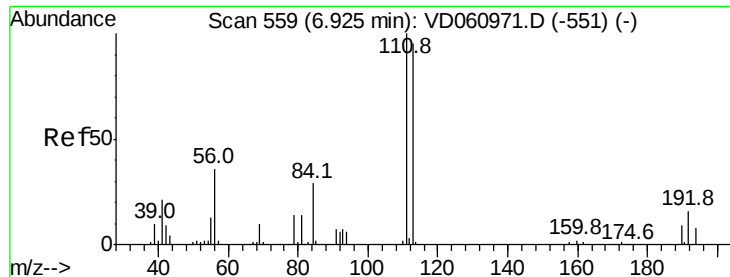


Abundance Ion 114.00 (113.70 to 114.70): V

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: VD061134.D

Acq: 17 Mar 2019 4:29

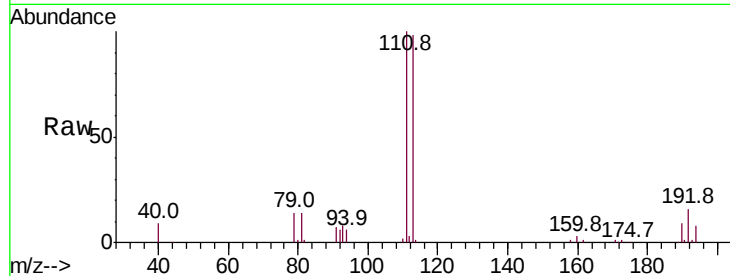
Tot Ion:113 Resp: 349893

Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.4

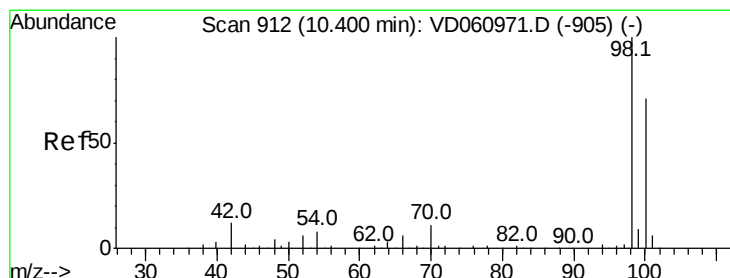
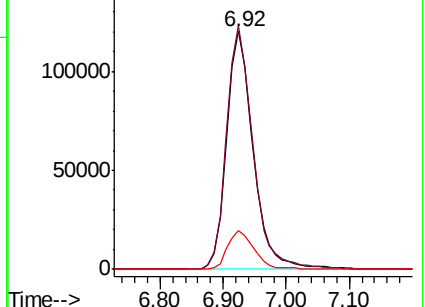
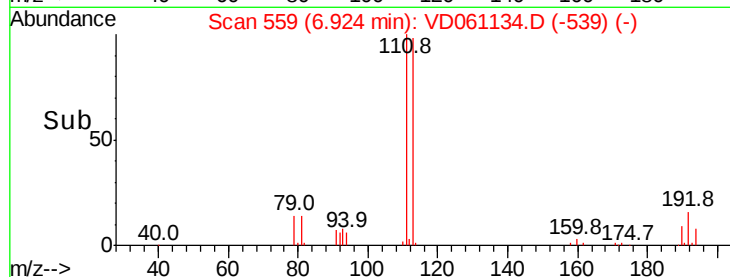
192 16.6 13.1 19.7



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: VD061134.D

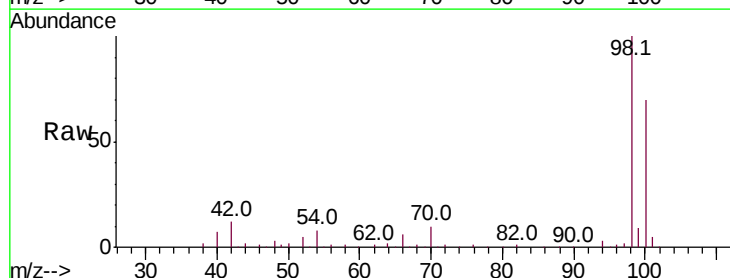
Acq: 17 Mar 2019 4:29

Tgt Ion: 98 Resp: 701067

Ion Ratio Lower Upper

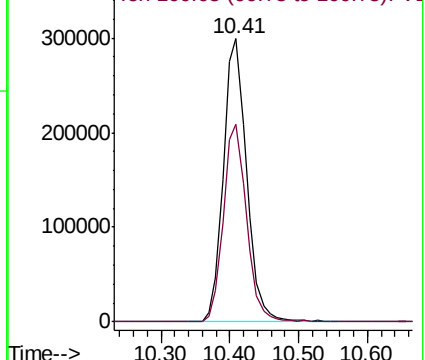
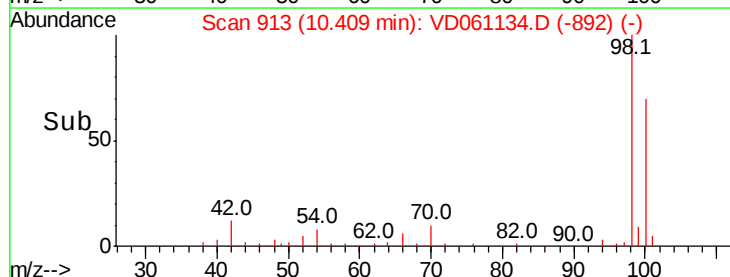
98 100

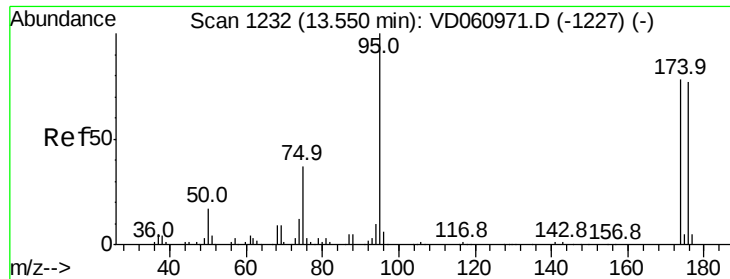
100 69.6 57.4 86.2



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: VD061134.D

Acq: 17 Mar 2019 4:29

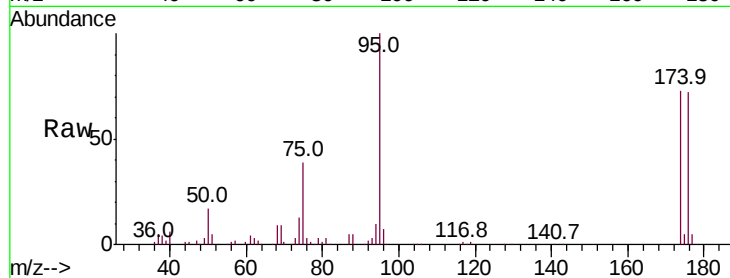
Tot Ion: 95 Resp: 238022

Ion Ratio Lower Upper

95 100

174 72.7 0.0 155.6

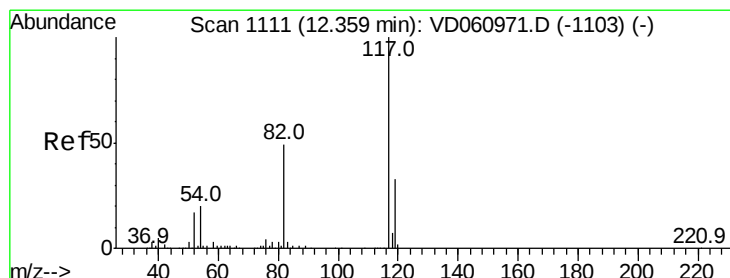
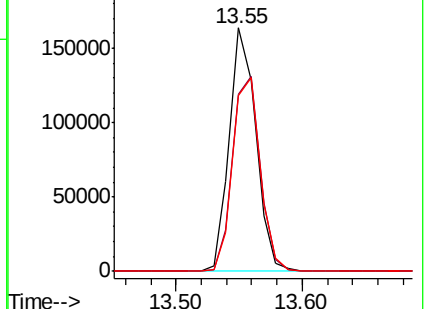
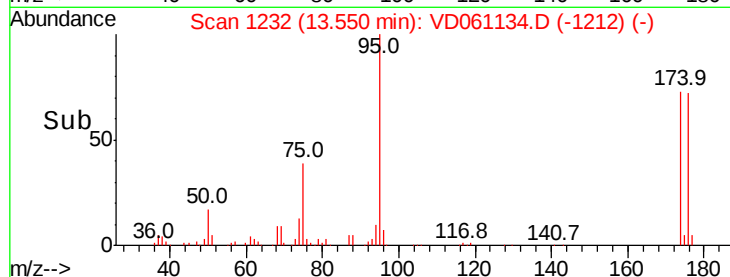
176 72.4 0.0 153.8



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: VD061134.D

Acq: 17 Mar 2019 4:29

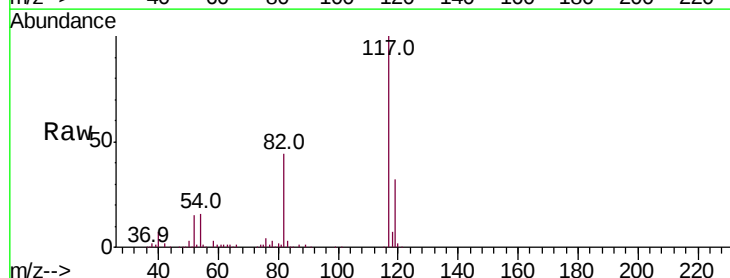
Tgt Ion: 117 Resp: 623384

Ion Ratio Lower Upper

117 100

82 43.7 38.9 58.3

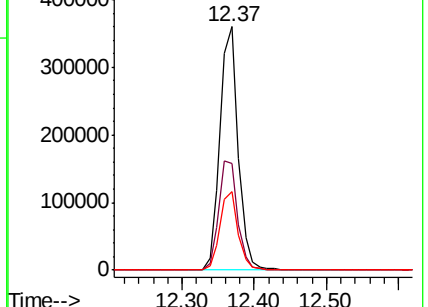
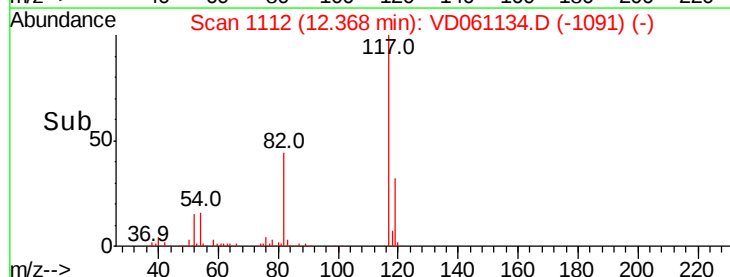
119 32.5 26.6 39.8

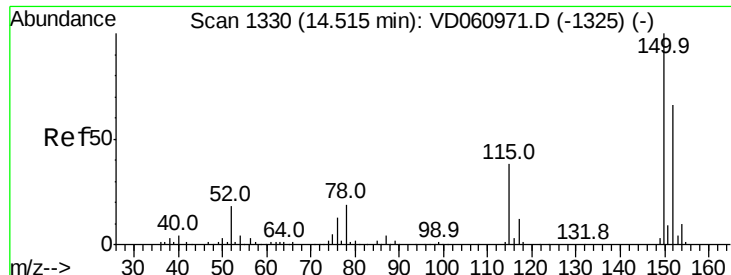


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

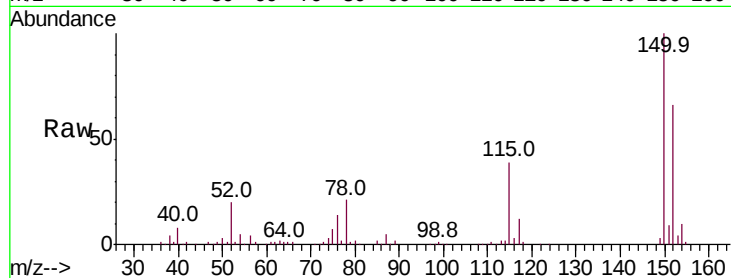
Ion 118.95 (118.65 to 119.65): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061134.D
 Acq: 17 Mar 2019 4:29

Tot Ion:	152	Resp:	206753
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.6	85.9
150	151.9	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

