

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060982.D
 Acq On : 8 Mar 2019 14:27
 Operator : VA/AP
 Sample : K1760-19
 Misc : 6.25g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z2-12

Quant Time: Mar 08 23:43:36 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

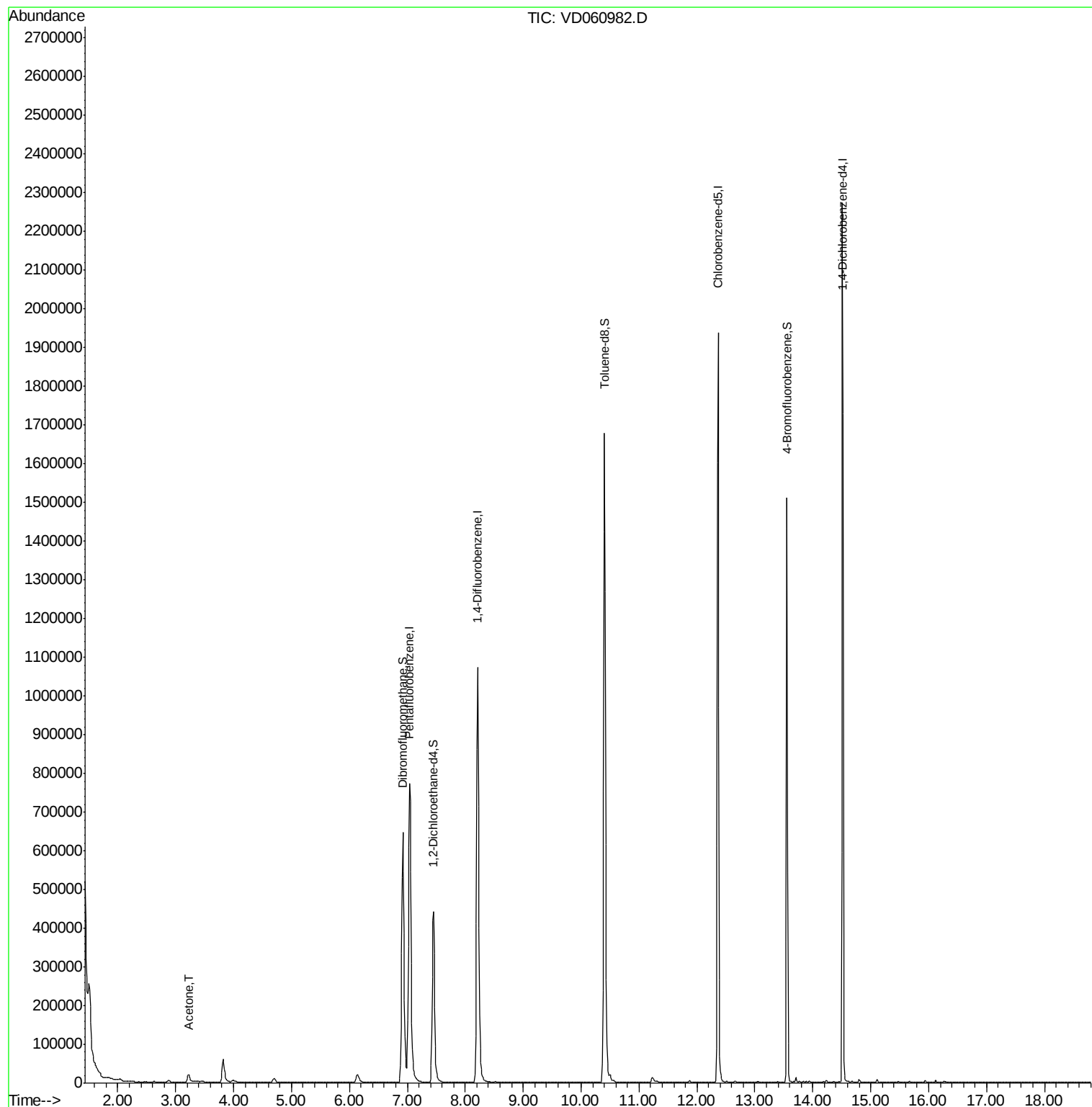
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	832384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1457721	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1242568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	538931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	417074	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
35) Dibromofluoromethane	6.92	113	619505	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
50) Toluene-d8	10.41	98	1482971	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
62) 4-Bromofluorobenzene	13.55	95	527295	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
Target Compounds						
16) Acetone	3.23	43	47763	24.107	ug/l	Qvalue 99

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

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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: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

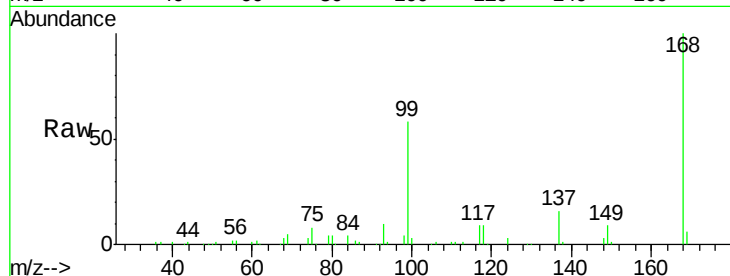
Z2-12

Tot Ion:168 Resp: 832384

Ion Ratio Lower Upper

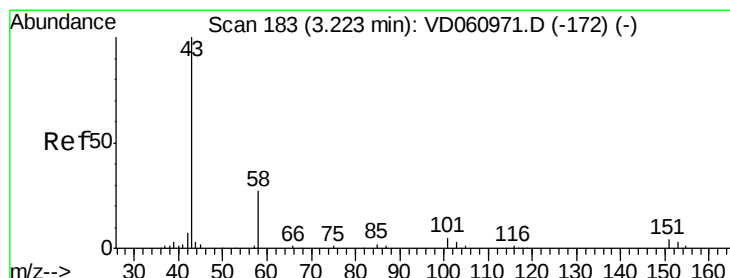
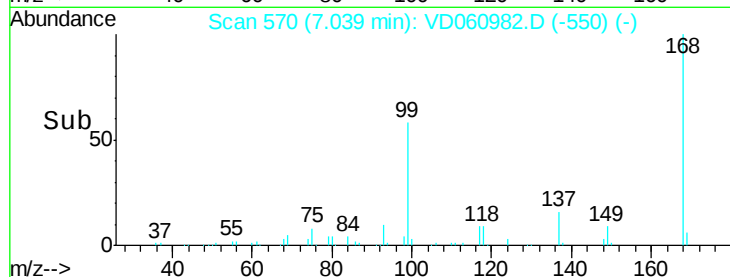
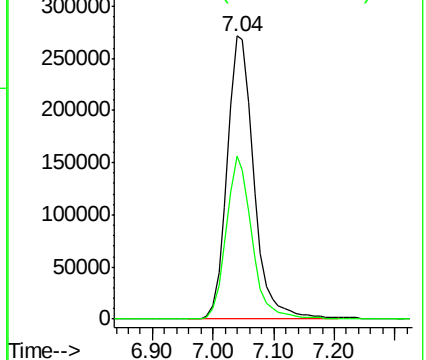
168 100

99 57.7 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: 24.107 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060982.D

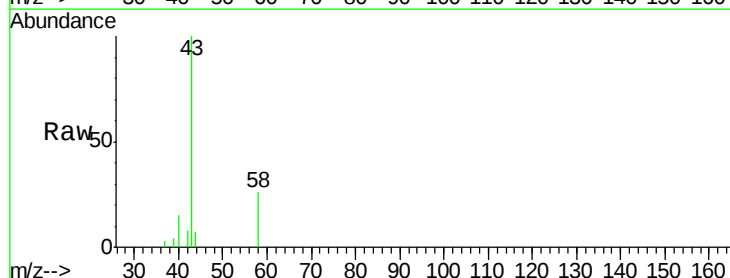
Acq: 8 Mar 2019 14:27

Tgt Ion: 43 Resp: 47763

Ion Ratio Lower Upper

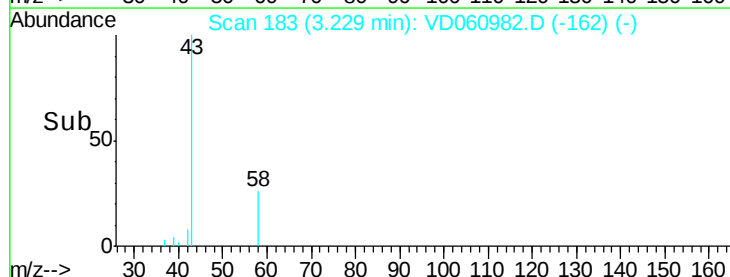
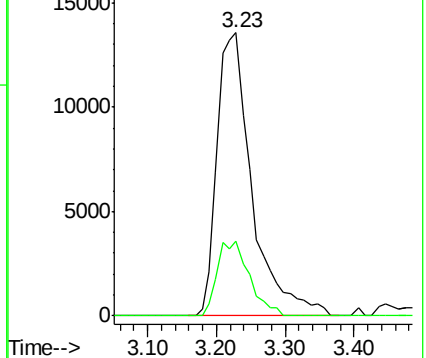
43 100

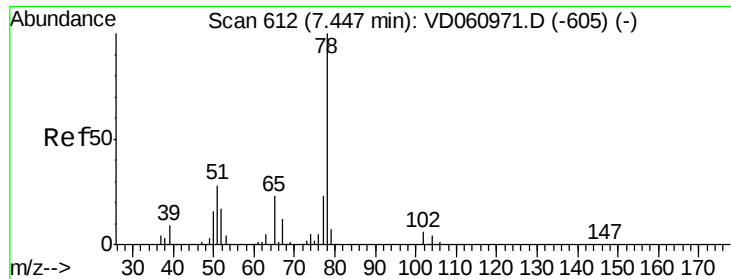
58 26.4 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

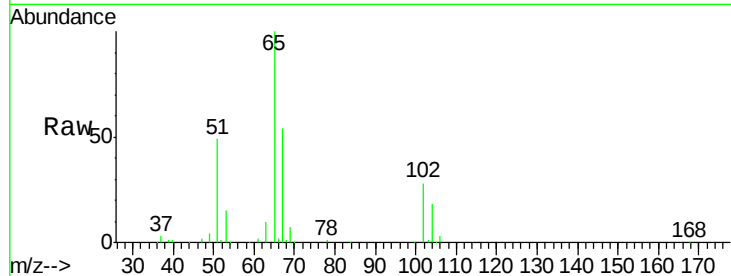
Z2-12

Tot Ion: 65 Resp: 417074

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

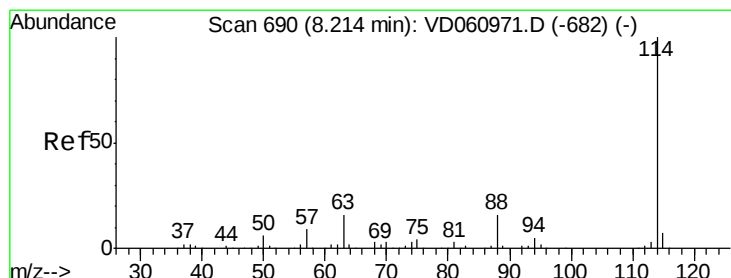
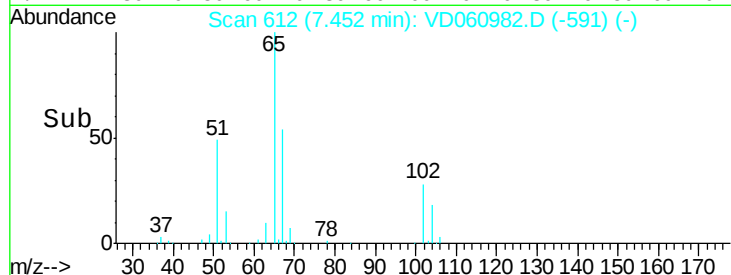
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.00 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

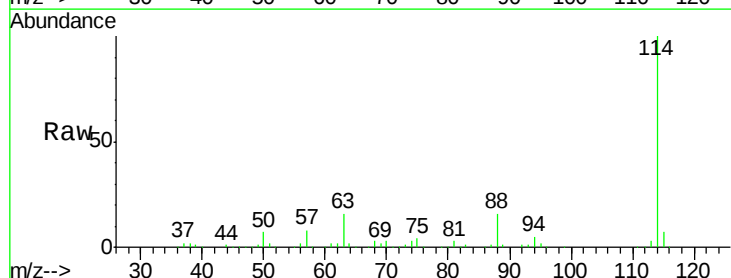
Tgt Ion:114 Resp: 1457721

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

88 16.2 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

8.21

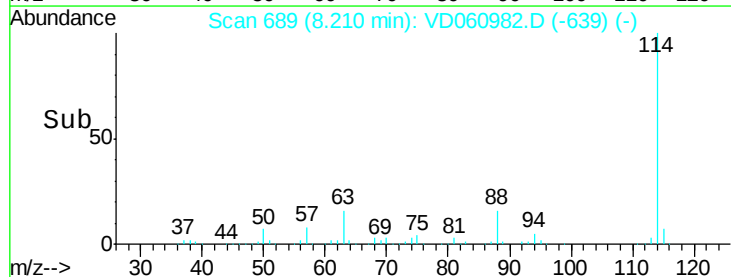
600000

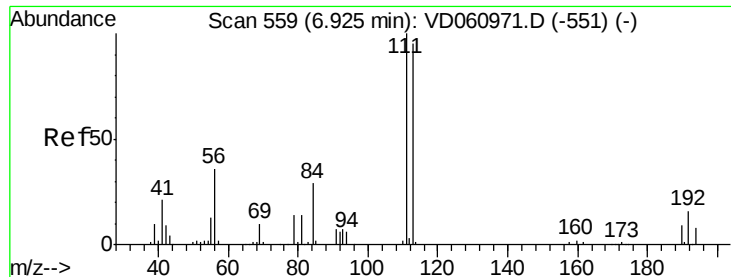
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

Instrument :

MSVOA_D

ClientSampleID :

Z2-12

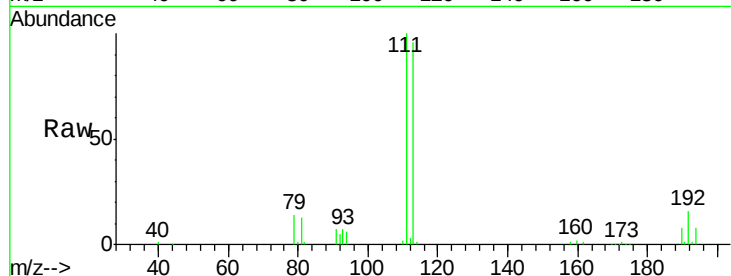
Tot Ion:113 Resp: 619505

Ion Ratio Lower Upper

113 100

111 104.3 84.2 126.4

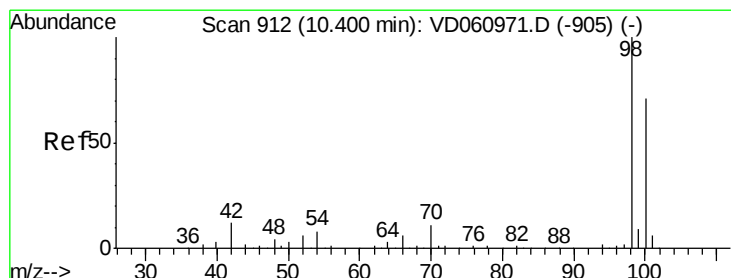
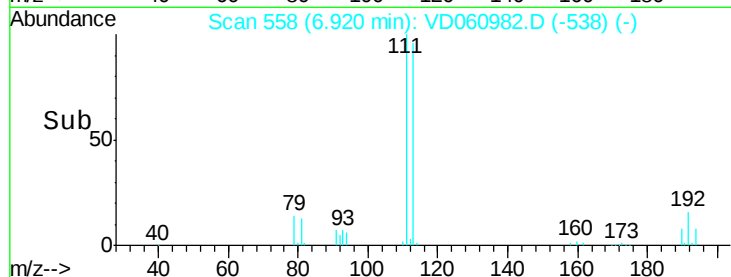
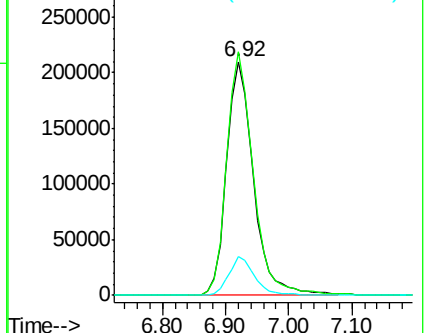
192 16.9 13.1 19.7



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# 912

Delta R.T. 0.01 min

Lab File: VD060982.D

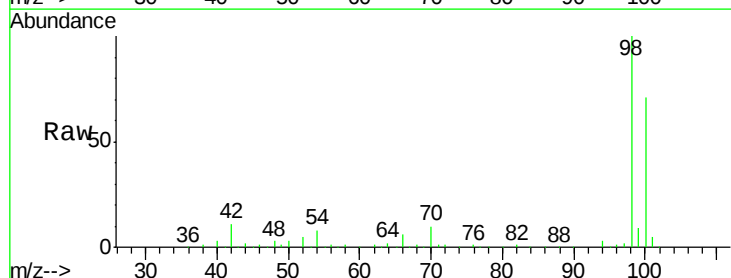
Acq: 8 Mar 2019 14:27

Tgt Ion: 98 Resp: 1482971

Ion Ratio Lower Upper

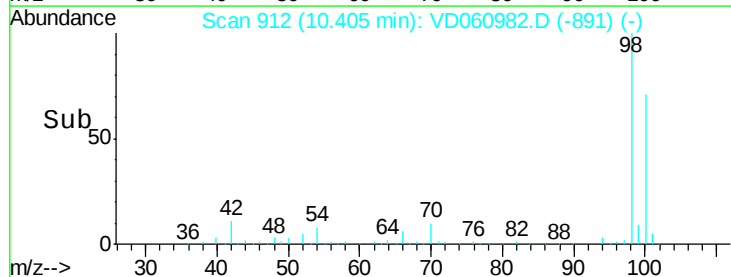
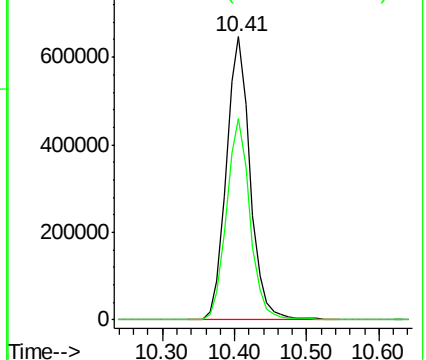
98 100

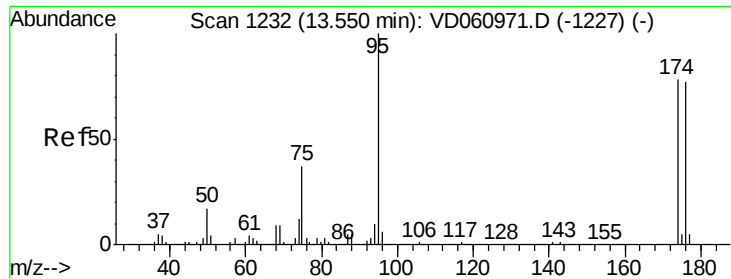
100 71.2 57.4 86.2



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# 1231

Delta R.T. -0.00 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

Z2-12

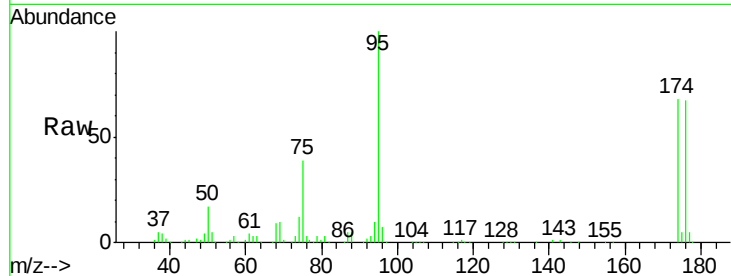
Tot Ion: 95 Resp: 527295

Ion Ratio Lower Upper

95 100

174 68.4 0.0 155.6

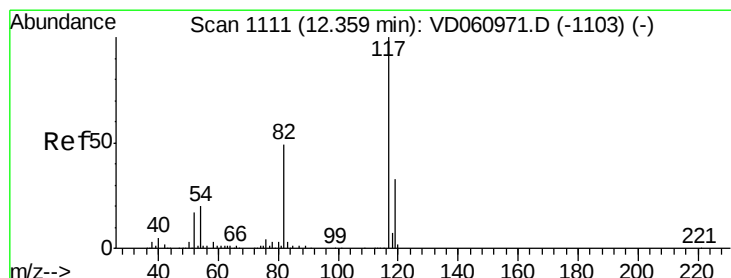
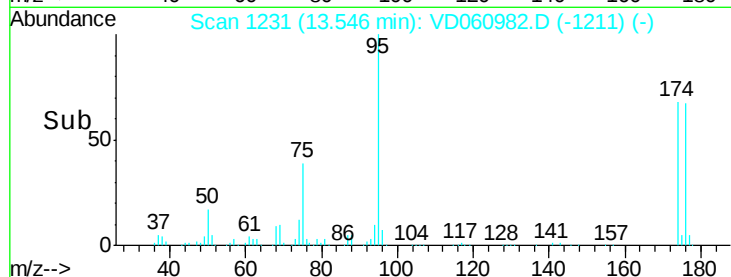
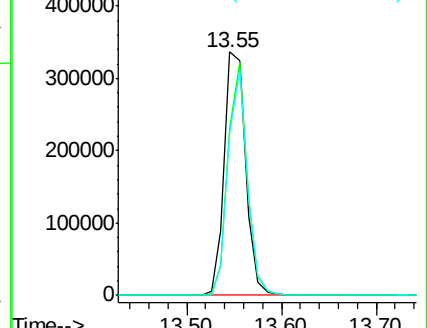
176 66.6 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD060982.D

Acq: 8 Mar 2019 14:27

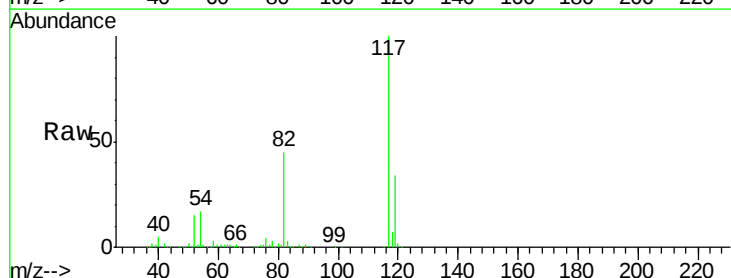
Tgt Ion: 117 Resp: 1242568

Ion Ratio Lower Upper

117 100

82 44.9 38.9 58.3

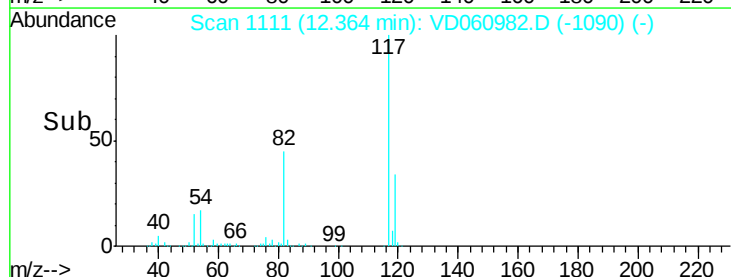
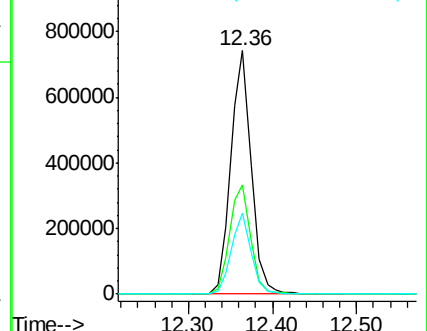
119 33.5 26.6 39.8

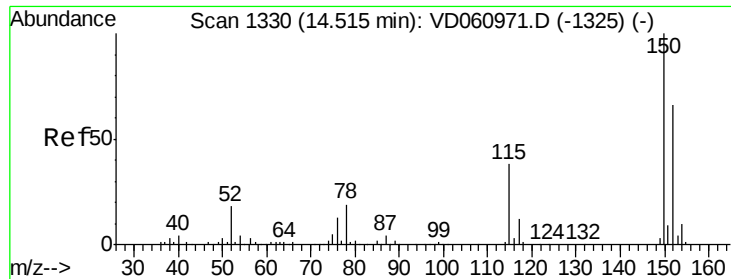


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

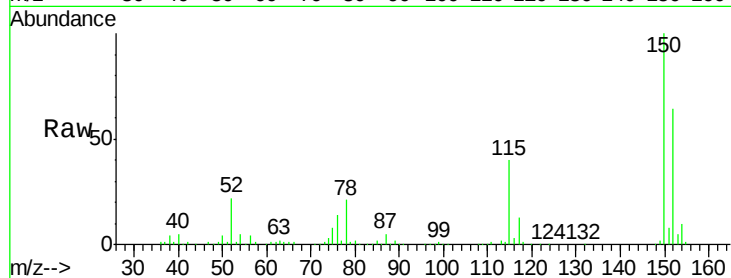




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD060982.D
 Acq: 8 Mar 2019 14:27

Instrument :
 MSVOA_D
 ClientSampleId :
 Z2-12

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.6	85.9
150	156.1	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

