

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060937.D
 Acq On : 4 Mar 2019 21:32
 Operator : VA/AP
 Sample : K1714-10
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-B-8-11

Quant Time: Mar 05 02:58:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

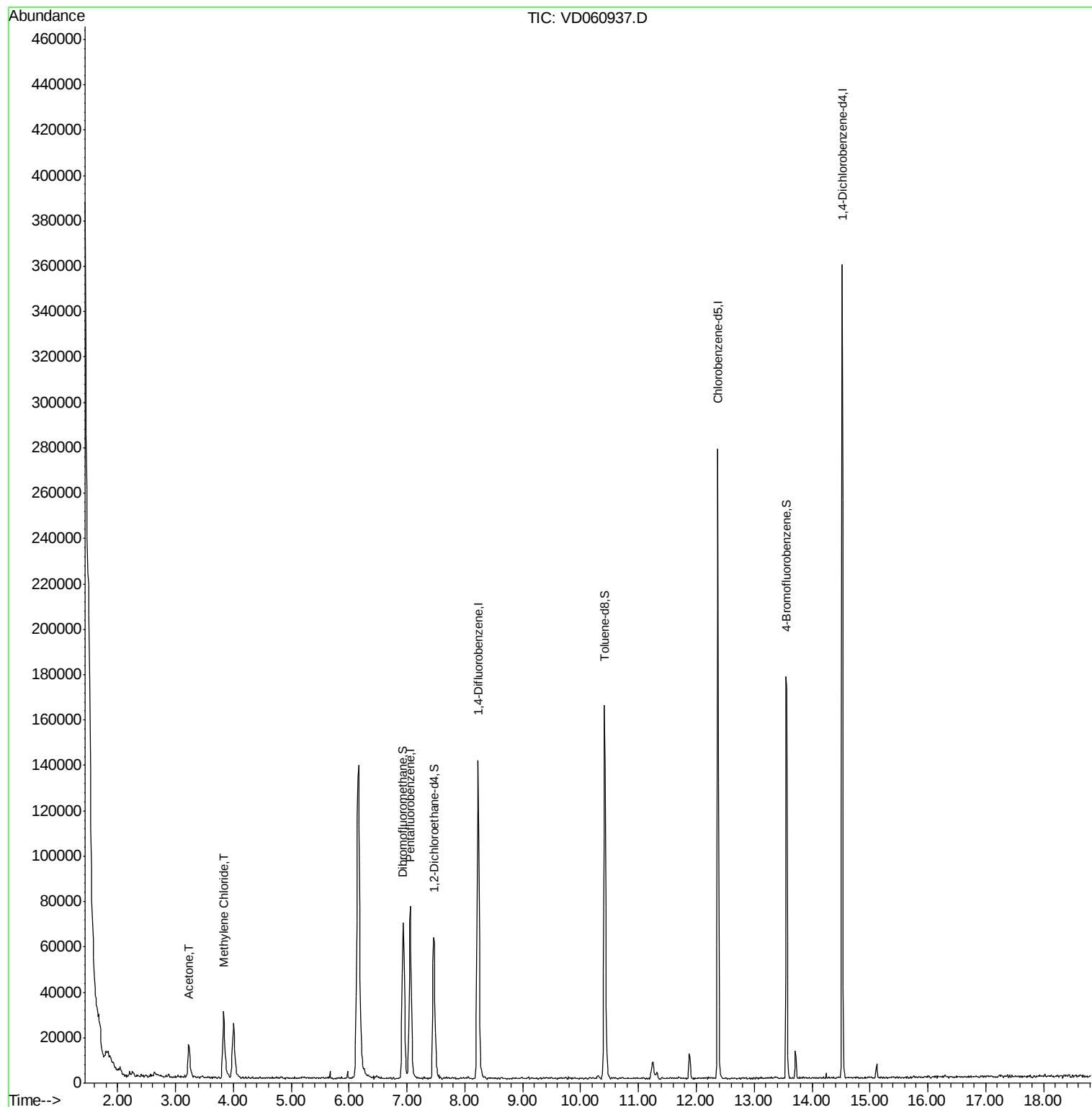
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	76203	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	168204	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	161714	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	81248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	59734	94.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	189.64%	
35) Dibromofluoromethane	6.94	113	69876	51.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	10.41	98	139924	41.70	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.40%	
62) 4-Bromofluorobenzene	13.55	95	65496	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
16) Acetone	3.23	43	29396	139.757	ug/l	99
20) Methylene Chloride	3.83	84	22232	20.097	ug/l	98

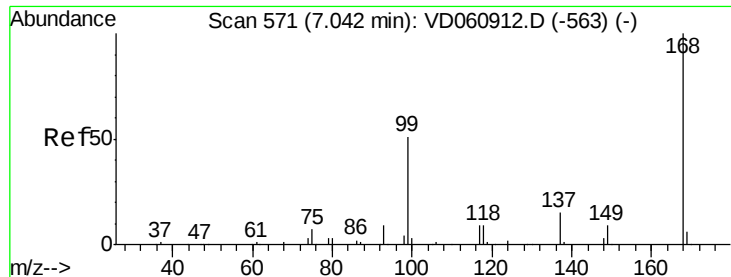
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

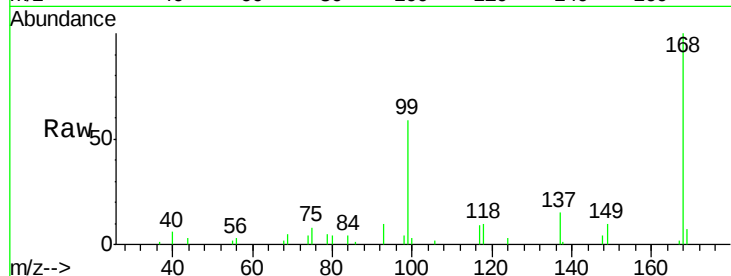
SB-B-8-11

Tot Ion:168 Resp: 76203

Ion Ratio Lower Upper

168 100

99 59.2 41.5 62.3

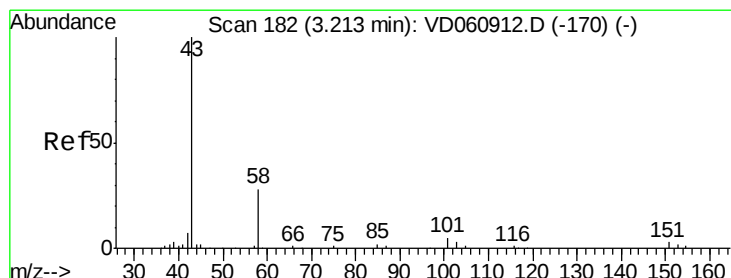
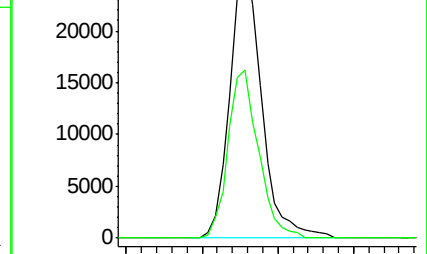
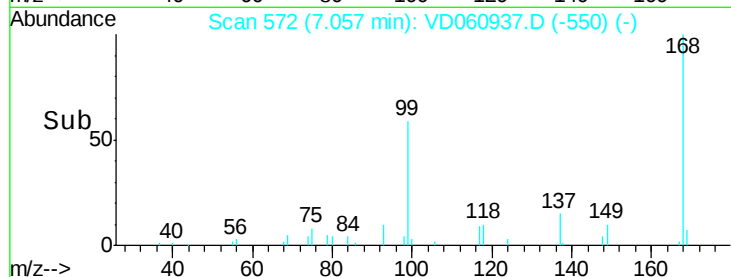


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

Time-->



#16

Acetone

Concen: 139.757 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060937.D

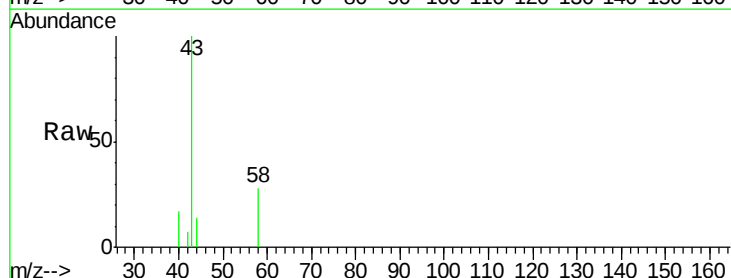
Acq: 4 Mar 2019 21:32

Tgt Ion: 43 Resp: 29396

Ion Ratio Lower Upper

43 100

58 27.8 22.8 34.2

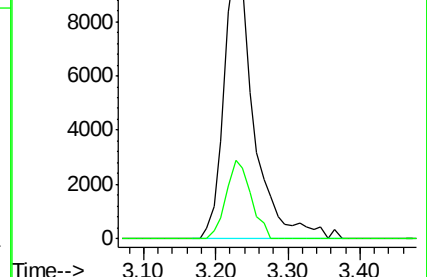
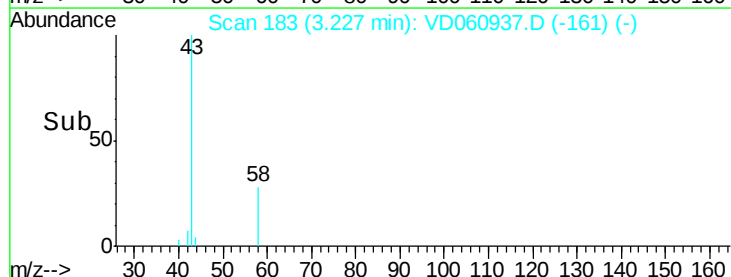


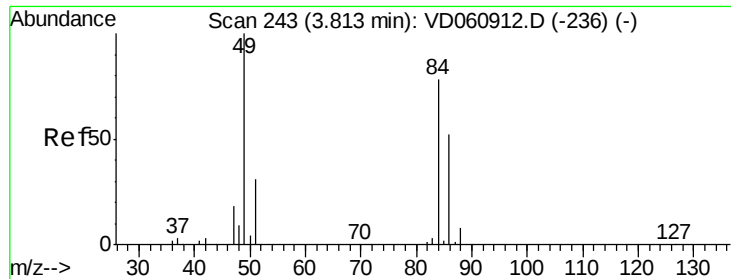
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

Time-->

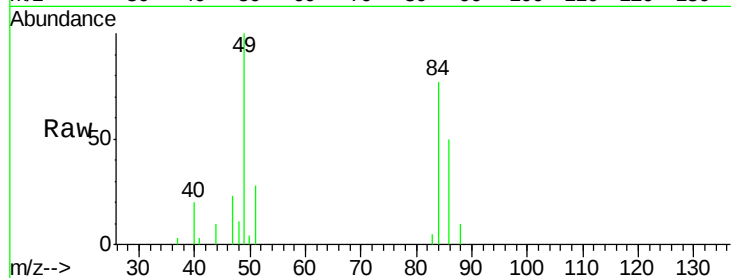




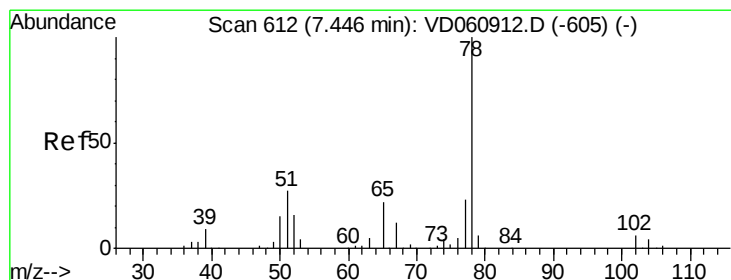
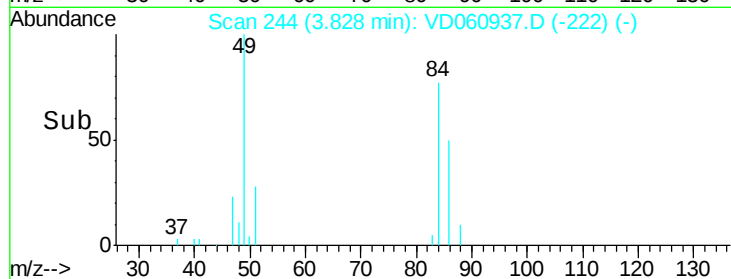
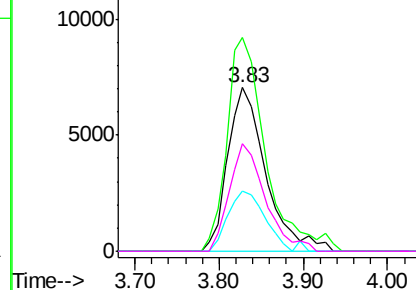
#20
Methvlene Chloride
Concen: 20.097 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD060937.D
Acq: 4 Mar 2019 21:32

Instrument :
MSVOA_D
ClientSampleId :
SB-B-8-11

Tot Ion: 84 Resp: 22232
Ion Ratio Lower Upper
84 100
49 130.4 102.4 153.6
51 36.9 31.9 47.9
86 65.4 53.1 79.7

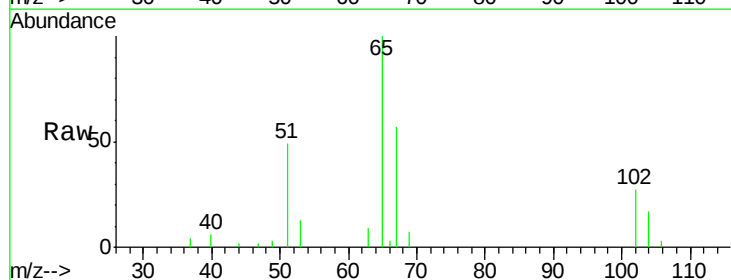


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

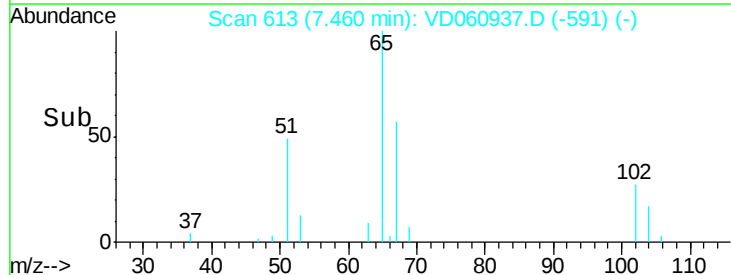
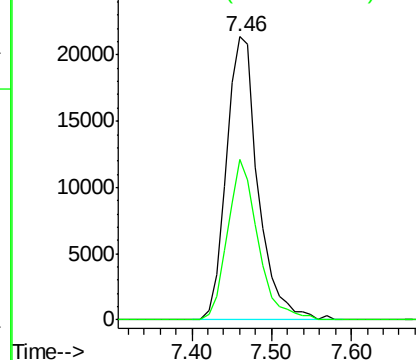


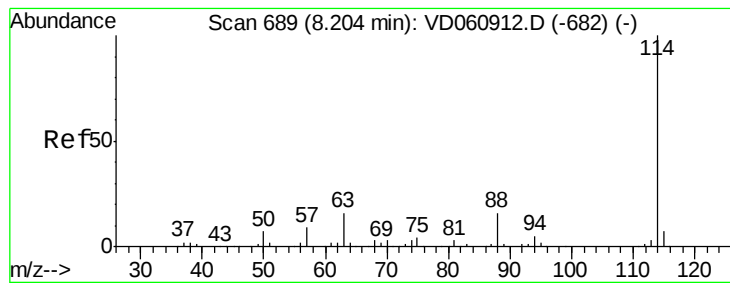
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD060937.D
Acq: 4 Mar 2019 21:32

Tgt Ion: 65 Resp: 59734
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.4



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# 691

Delta R.T. 0.02 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

SB-B-8-11

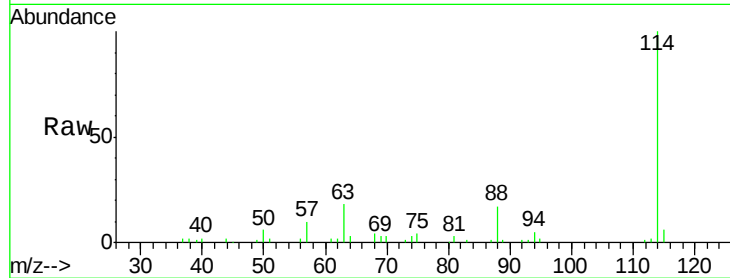
Tot Ion:114 Resp: 168204

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.0

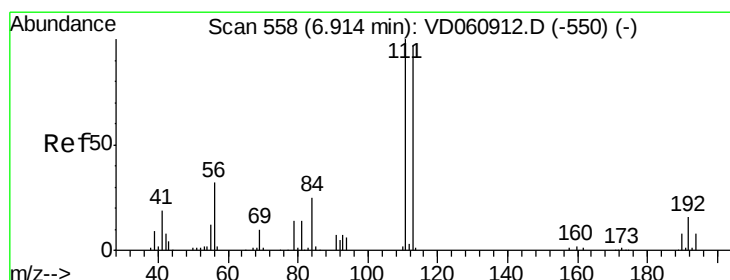
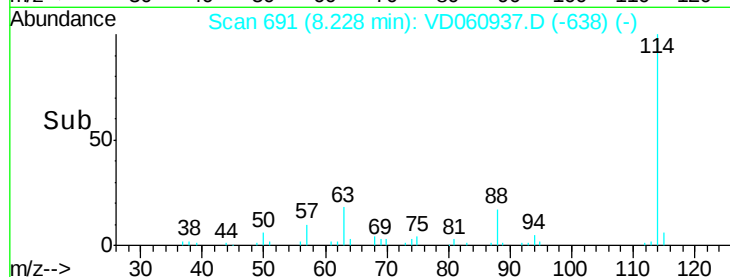
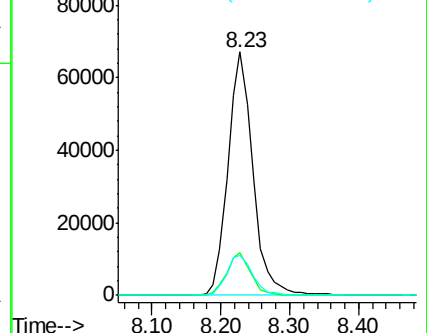
88 16.6 0.0 32.8



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# 560

Delta R.T. 0.02 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

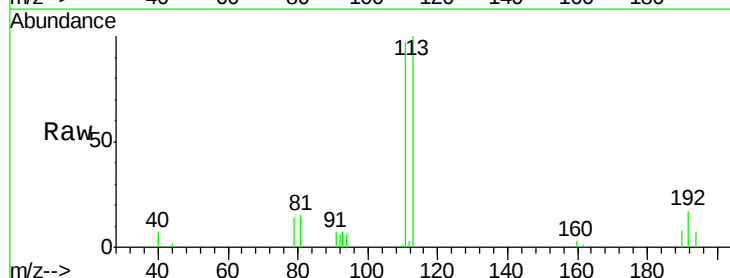
Tgt Ion:113 Resp: 69876

Ion Ratio Lower Upper

113 100

111 97.4 82.6 124.0

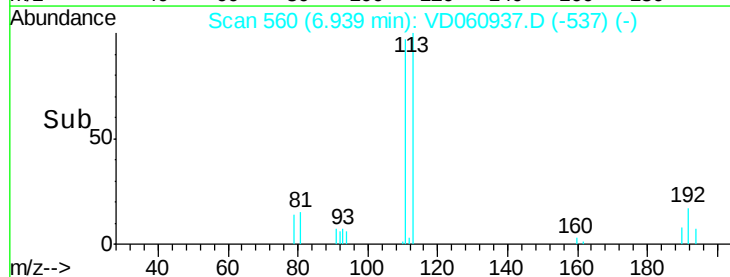
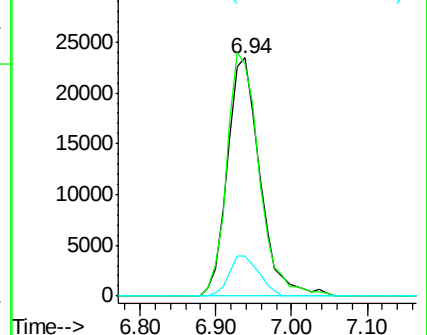
192 16.8 13.4 20.2

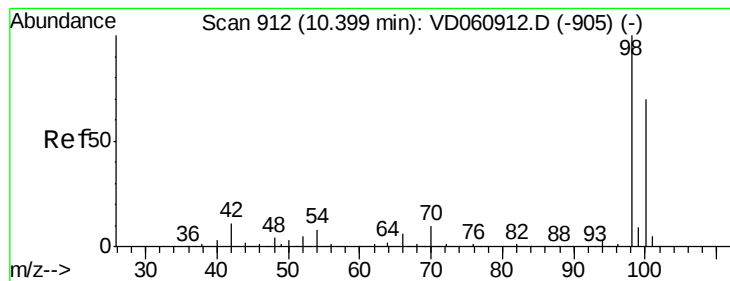


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD060937.D

Acq: 4 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

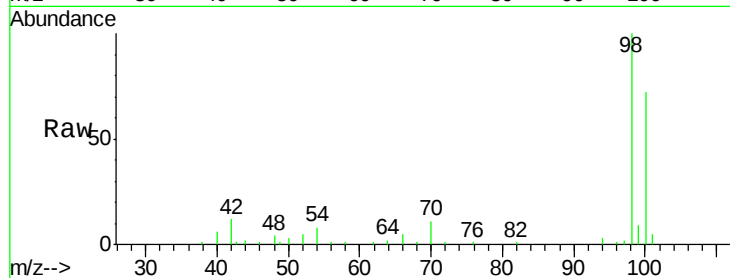
SB-B-8-11

Tot Ion: 98 Resp: 139924

Ion Ratio Lower Upper

98 100

100 72.1 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

10.41

60000

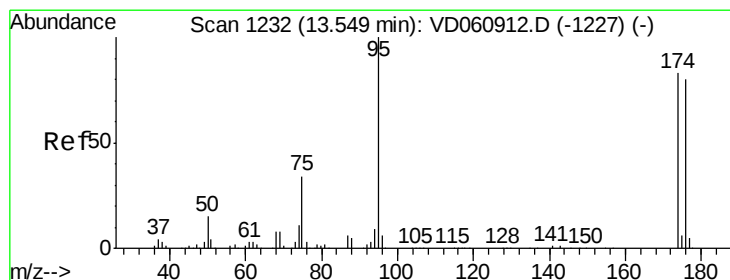
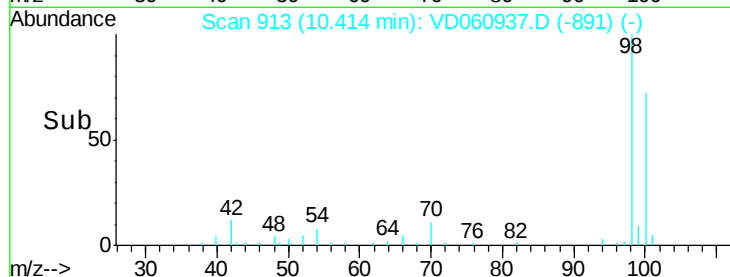
40000

20000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

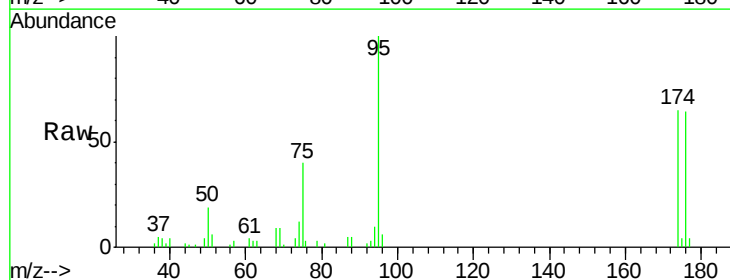
Tgt Ion: 95 Resp: 65496

Ion Ratio Lower Upper

95 100

174 64.9 0.0 165.6

176 63.8 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

13.55

60000

50000

40000

30000

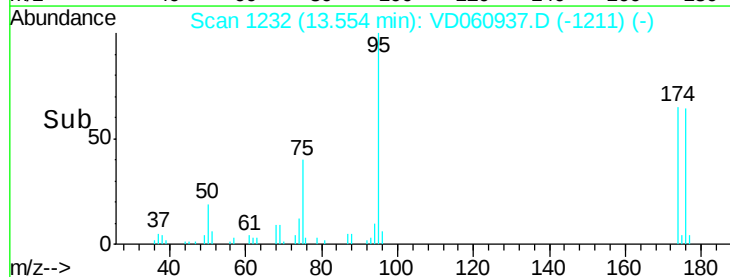
20000

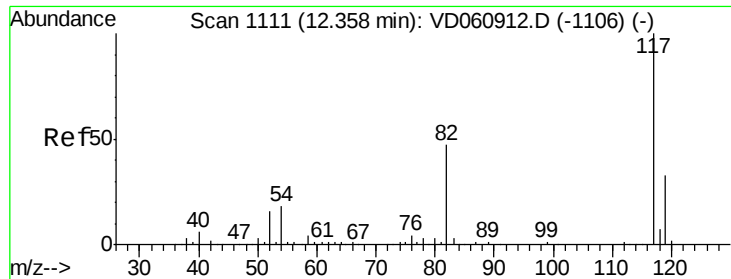
10000

0

Time-->

13.50 13.55 13.60





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

Instrument :

MSVOA_D

ClientSampleId :

SB-B-8-11

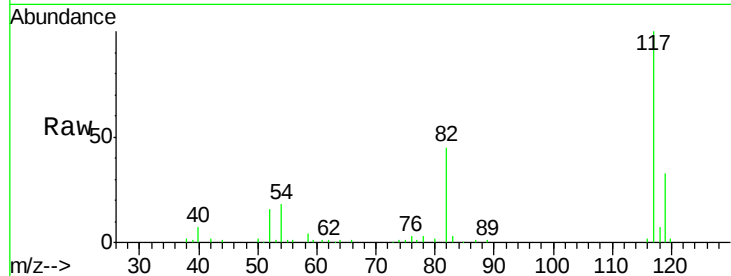
Tot Ion:117 Resp: 161714

Ion Ratio Lower Upper

117 100

82 45.3 37.5 56.3

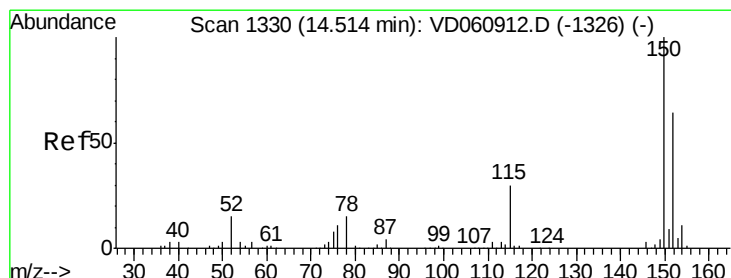
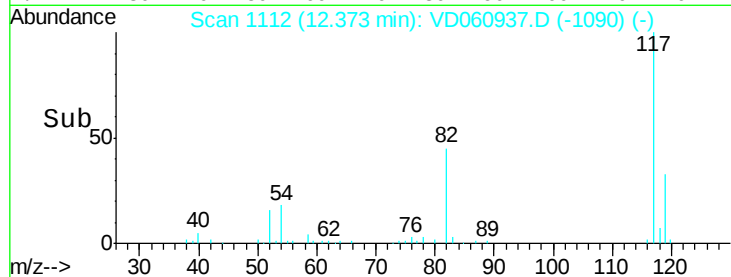
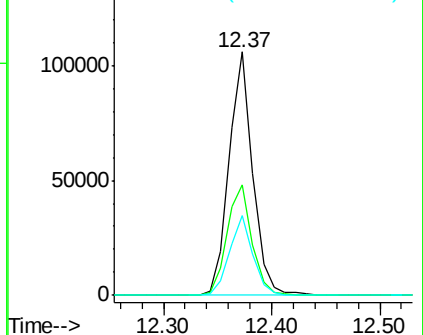
119 32.7 26.2 39.2



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# 1330

Delta R.T. 0.00 min

Lab File: VD060937.D

Acq: 4 Mar 2019 21:32

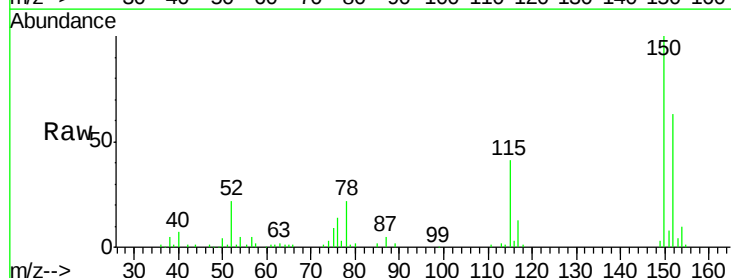
Tgt Ion:152 Resp: 81248

Ion Ratio Lower Upper

152 100

115 65.0 27.6 82.8

150 159.5 0.0 312.8



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

