

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058053.D
 Acq On : 9 Jun 2018 9:40
 Operator : VA/AP
 Sample : J3324-01RE
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(0-5)RE

Quant Time: Jun 11 04:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	589727	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	759273	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	426126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	231229	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	364036	61.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.50%	
35) Dibromofluoromethane	5.54	113	385981	65.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	131.40%	
50) Toluene-d8	8.69	98	173339	12.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	24.82%	
62) 4-Bromofluorobenzene	11.92	95	299353	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	

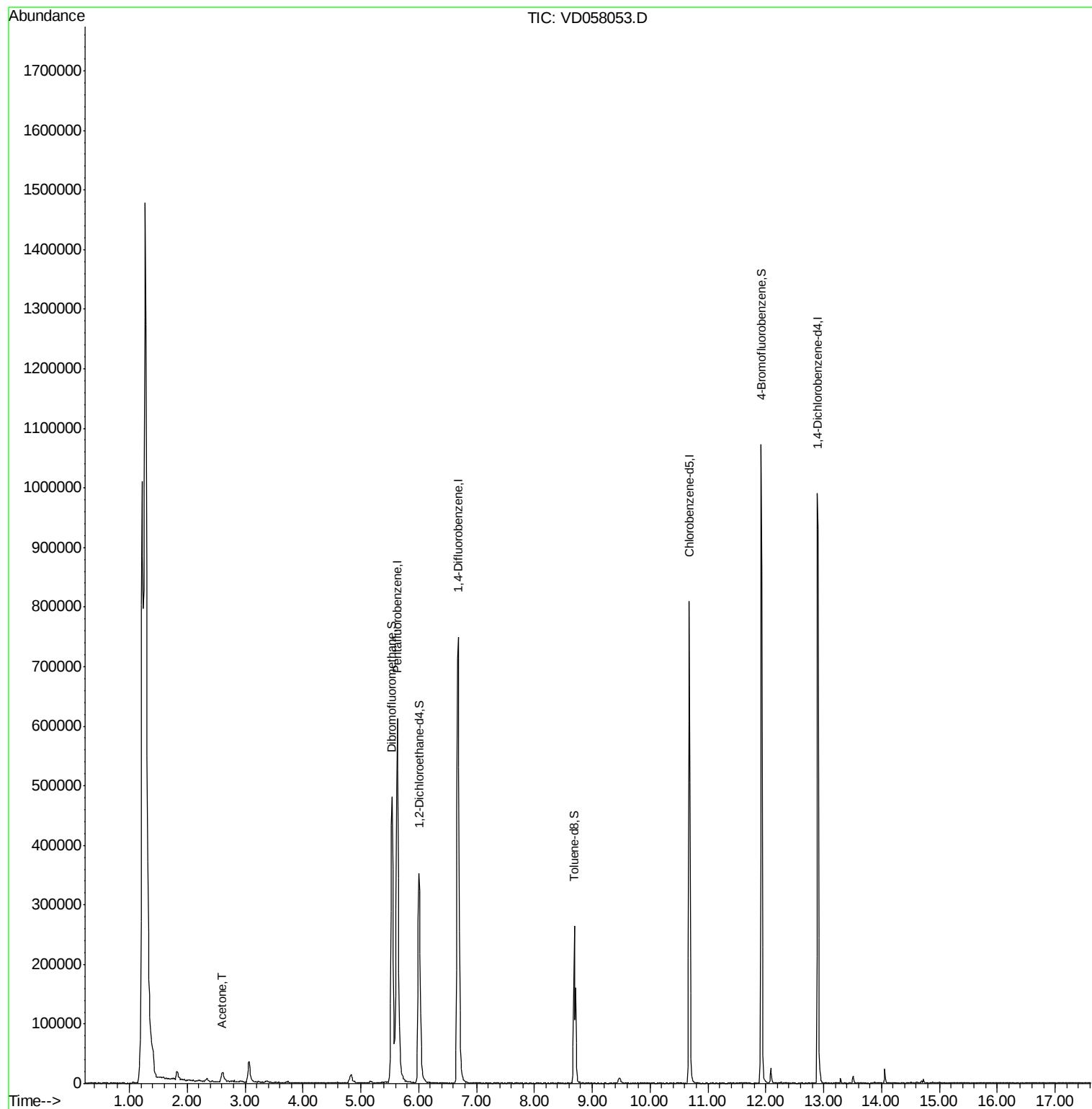
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	41764	49.17	ug/l	99

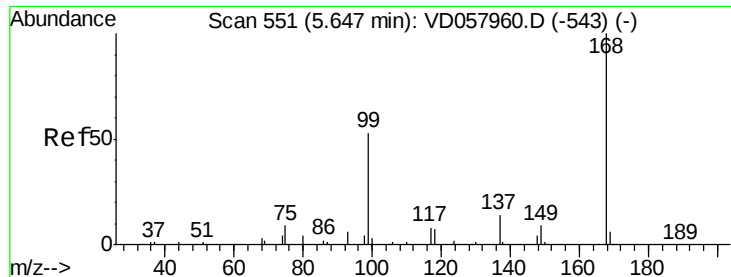
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

Instrument :

MSVOA_D

ClientSampleId :

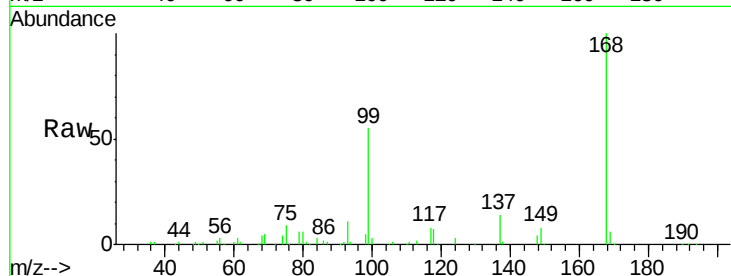
EPE-109-1(0-5)RE

Tot Ion:168 Resp: 589727

Ion Ratio Lower Upper

168 100

99 55.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

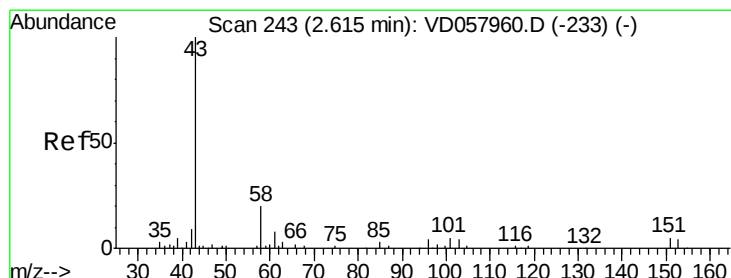
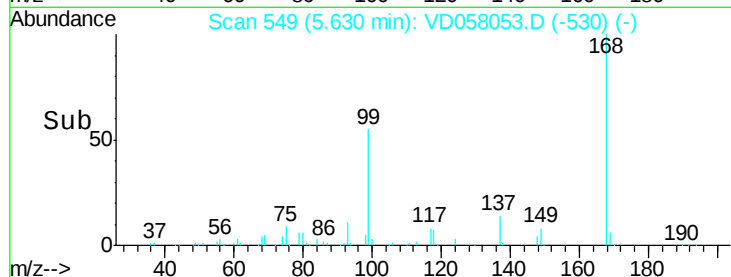
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 49.17 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD058053.D

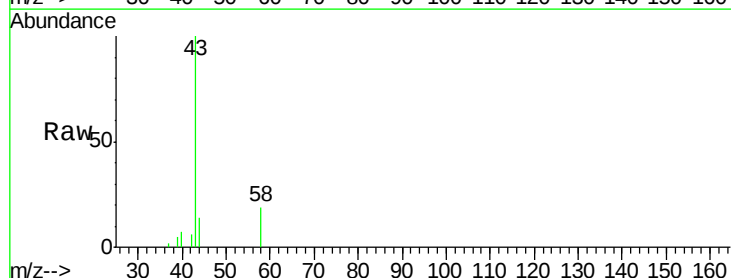
Acq: 9 Jun 2018 9:40

Tgt Ion: 43 Resp: 41764

Ion Ratio Lower Upper

43 100

58 19.3 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

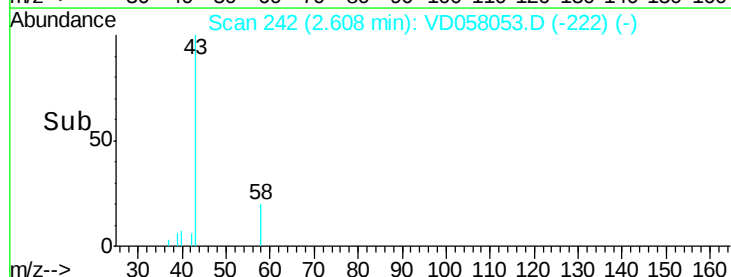
10000

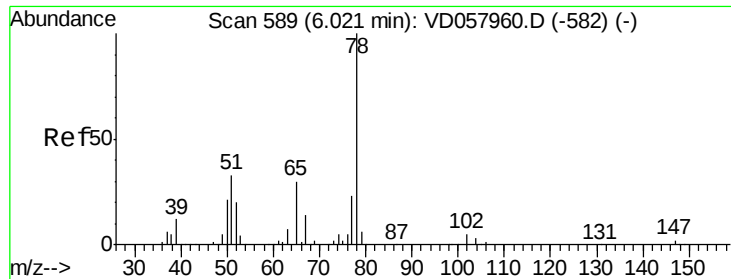
5000

0

Time-->

2.50 2.60 2.70 2.80





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

Instrument :

MSVOA_D

ClientSampleId :

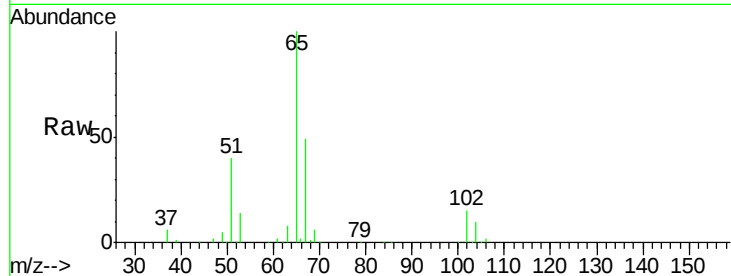
EPE-109-1(0-5)RE

Tot Ion: 65 Resp: 364036

Ion Ratio Lower Upper

65 100

67 48.7 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.00

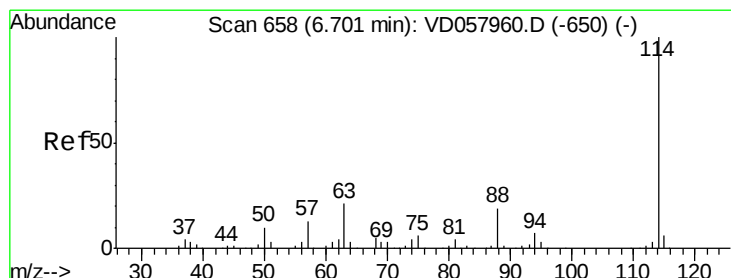
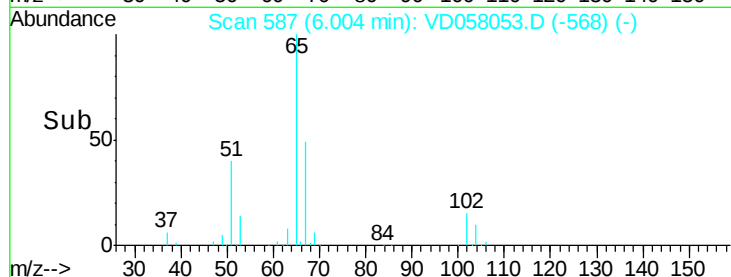
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

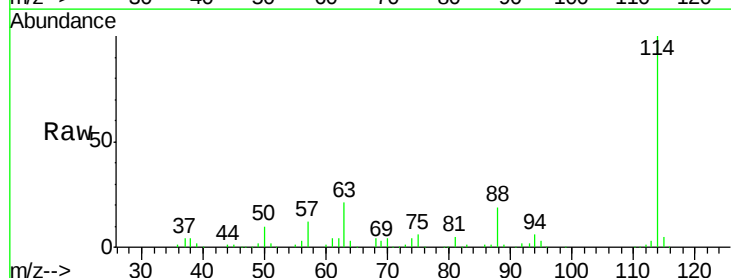
Tgt Ion: 114 Resp: 759273

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 19.1 0.0 37.8



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

6.68

400000

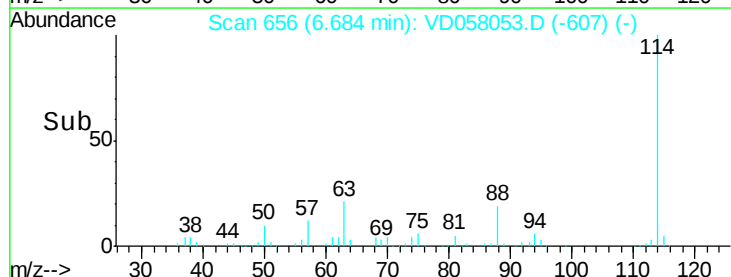
300000

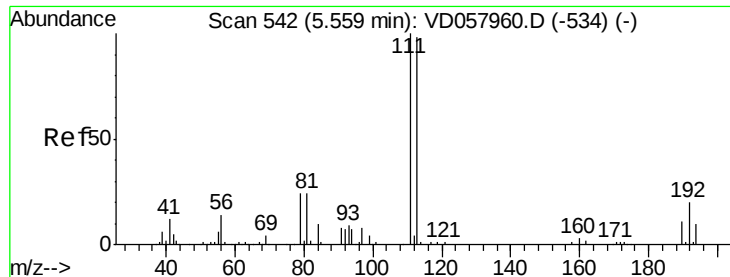
200000

100000

0

Time-->

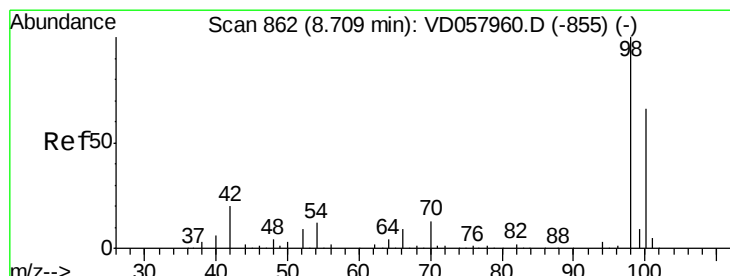
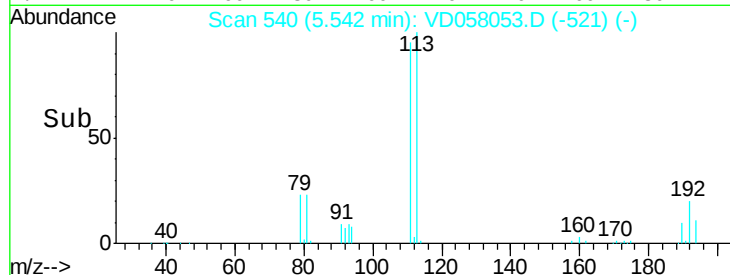
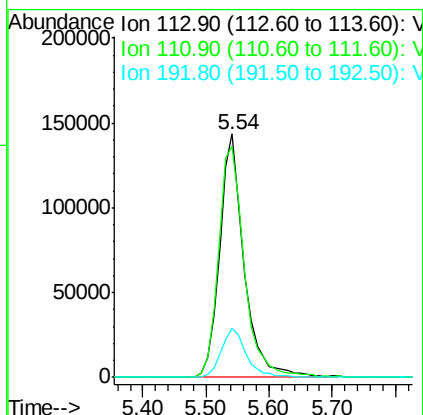
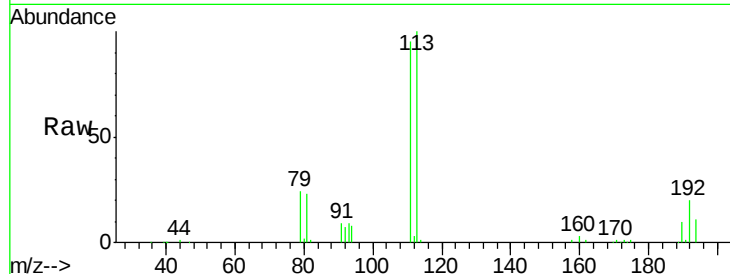




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058053.D
 Acq: 9 Jun 2018 9:40

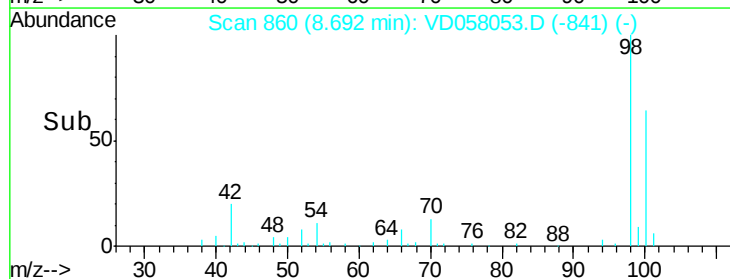
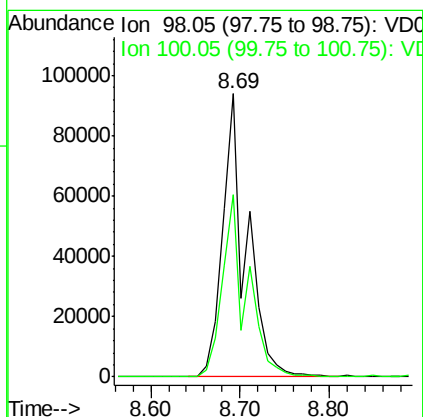
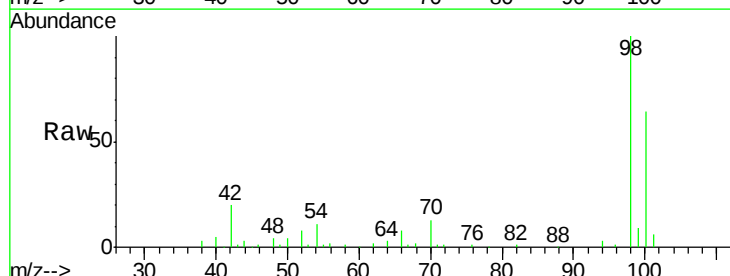
Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-109-1(0-5)RE

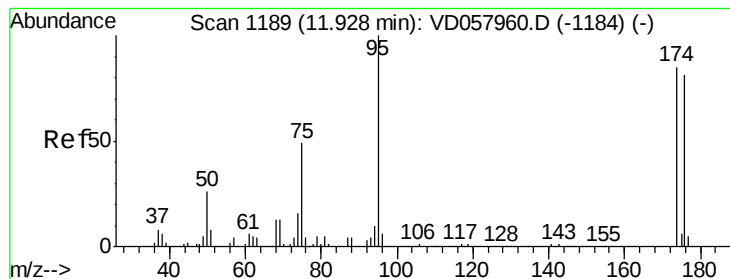
Tot Ion:113 Resp: 385981
 Ion Ratio Lower Upper
 113 100
 111 95.0 81.5 122.3
 192 20.3 16.4 24.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VD058053.D
 Acq: 9 Jun 2018 9:40

Tgt Ion: 98 Resp: 173339
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.4 80.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.01 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

Instrument :

MSVOA_D

ClientSampleId :

EPE-109-1(0-5)RE

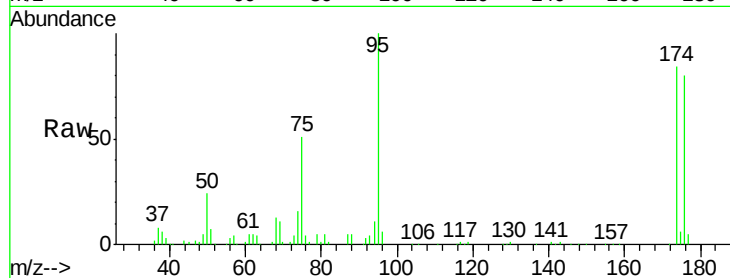
Tot Ion: 95 Resp: 299353

Ion Ratio Lower Upper

95 100

174 84.1 0.0 169.4

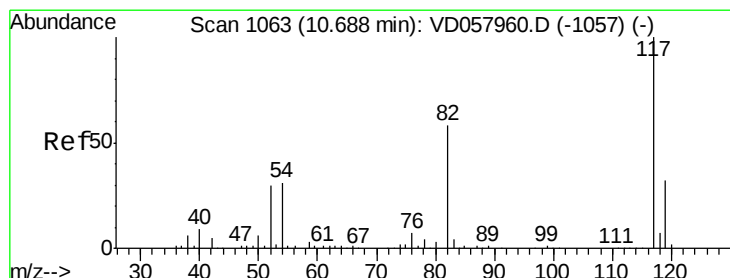
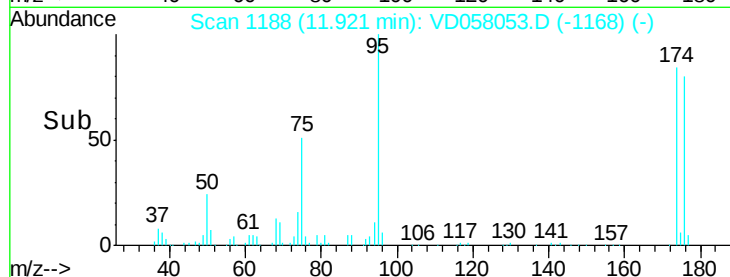
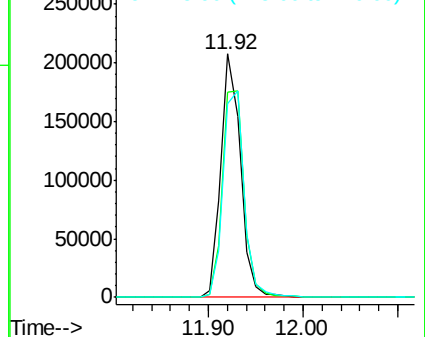
176 79.7 0.0 162.6



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: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

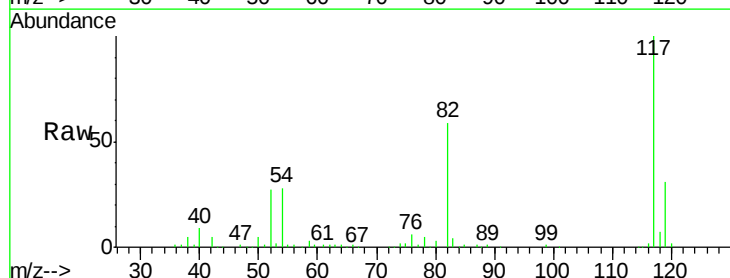
Tgt Ion: 117 Resp: 426126

Ion Ratio Lower Upper

117 100

82 59.4 46.8 70.2

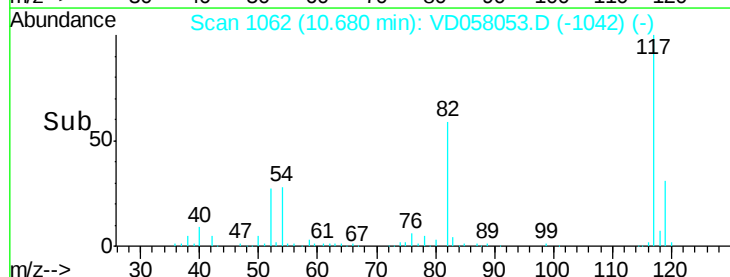
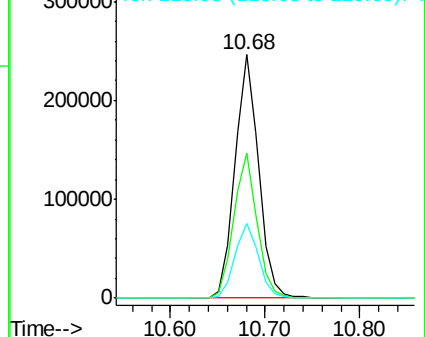
119 30.8 25.8 38.6

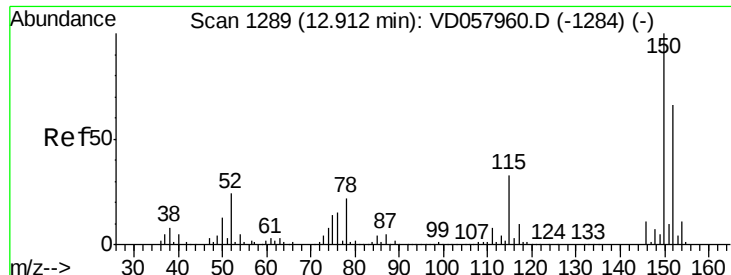


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058053.D

Acq: 9 Jun 2018 9:40

Instrument :

MSVOA_D

ClientSampleId :

EPE-109-1(0-5)RE

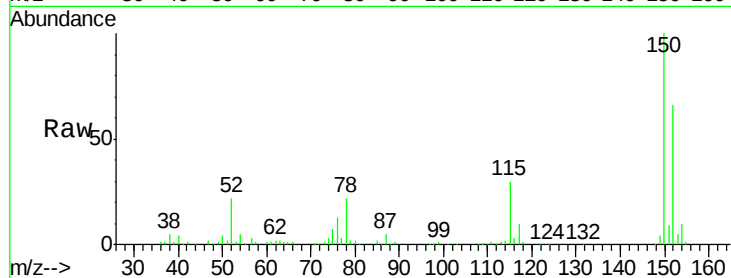
Tot Ion:152 Resp: 231229

Ion Ratio Lower Upper

152 100

115 46.3 25.6 76.6

150 152.6 0.0 306.8



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

