

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081618\
 Data File : VD059817.D
 Acq On : 16 Aug 2018 18:16
 Operator : VA/AP
 Sample : J4460-15
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-ESW-015

Quant Time: Aug 17 06:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

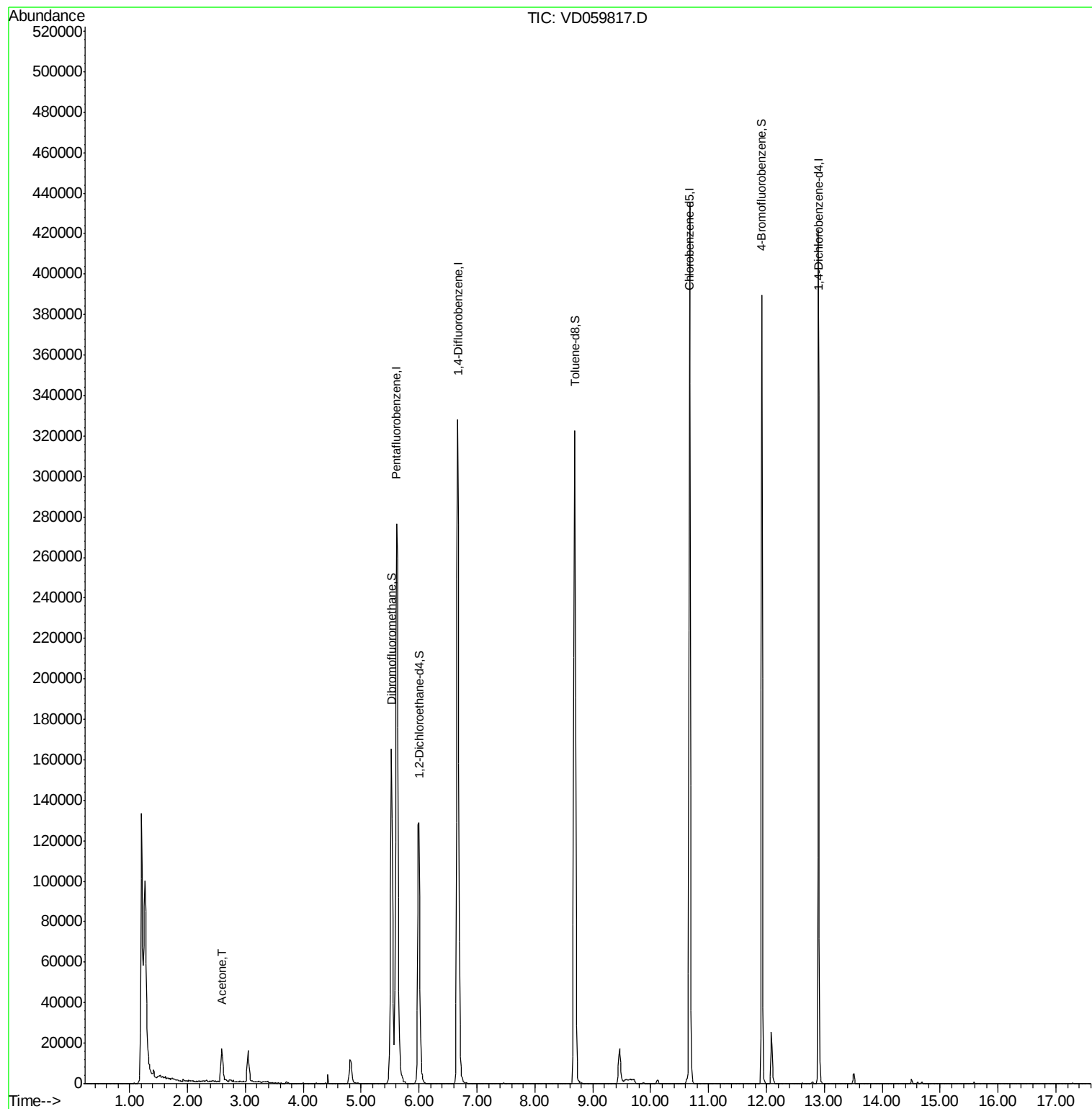
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	247363	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.67	114	305083	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.67	117	215137	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.89	152	90089	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	149238	46.96	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.92%	
35) Dibromofluoromethane	5.52	113	133398	50.18	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.69	98	257107	40.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.66%	
62) 4-Bromofluorobenzene	11.92	95	97832	34.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.36%	
Target Compounds						
16) Acetone	2.59	43	30257	60.32	ug/l	Qvalue 96

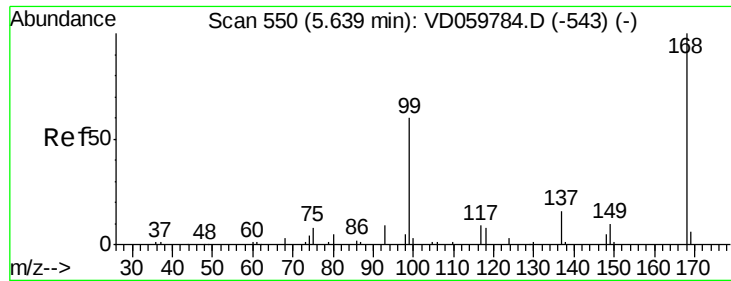
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.03 min

Lab File: VD059817.D

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Instrument :

MSVOA_D

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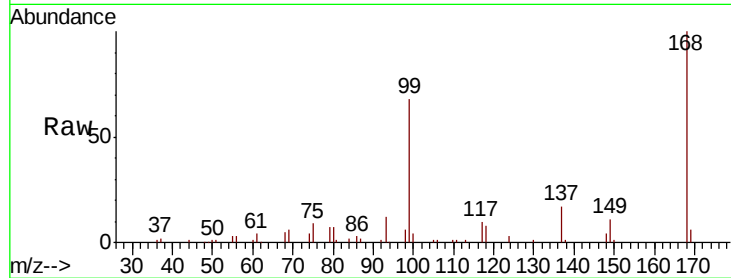
RA-081018-ESW-015

Tot Ion:168 Resp: 247363

Ion Ratio Lower Upper

168 100

99 67.7 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

80000

60000

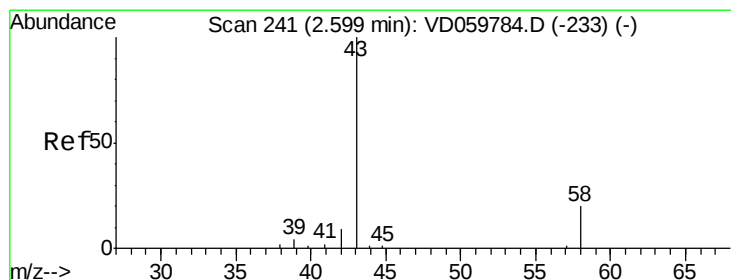
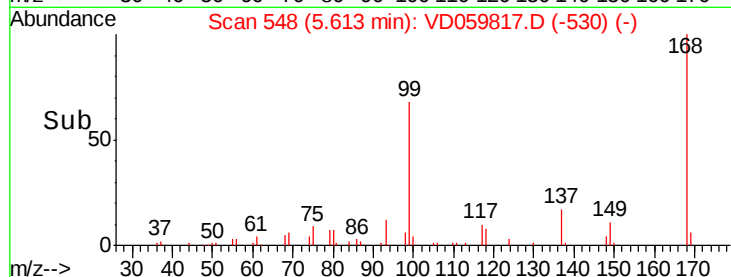
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 60.32 ug/l

RT: 2.59 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD059817.D

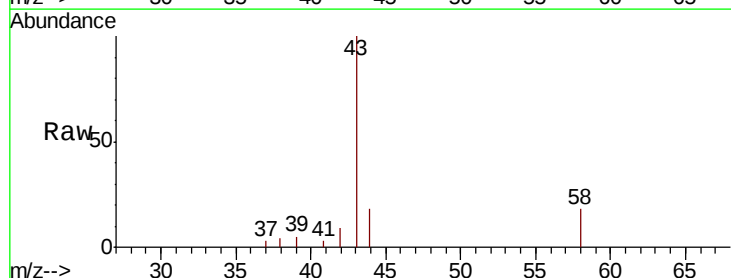
Acq: 16 Aug 2018 18:16

Tgt Ion: 43 Resp: 30257

Ion Ratio Lower Upper

43 100

58 17.8 15.7 23.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.59

12000

10000

8000

6000

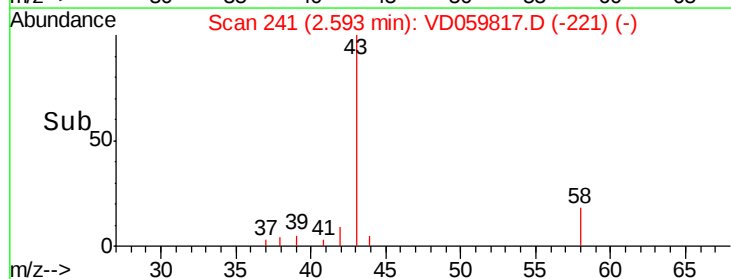
4000

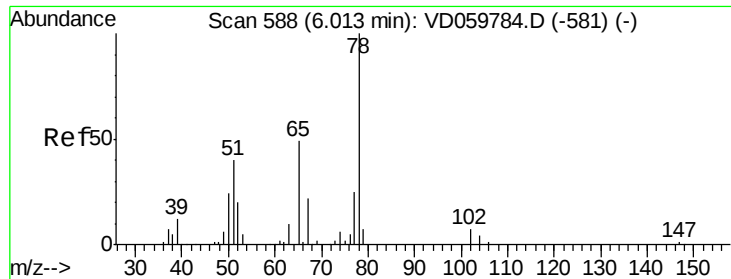
2000

0

2.50 2.60 2.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD059817.D

Acq: 16 Aug 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

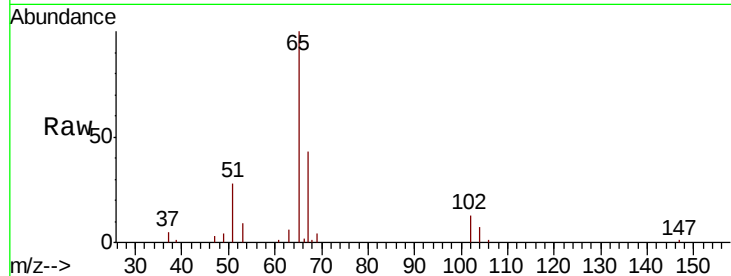
RA-081018-ESW-015

Tot Ion: 65 Resp: 149238

Ion Ratio Lower Upper

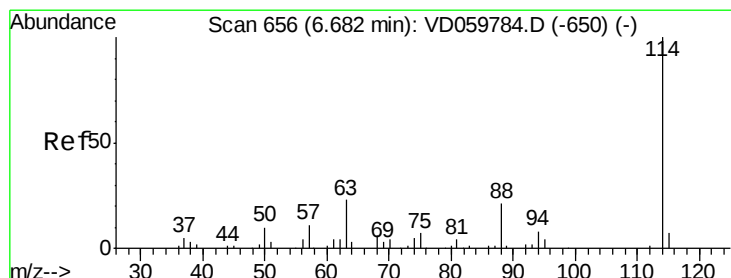
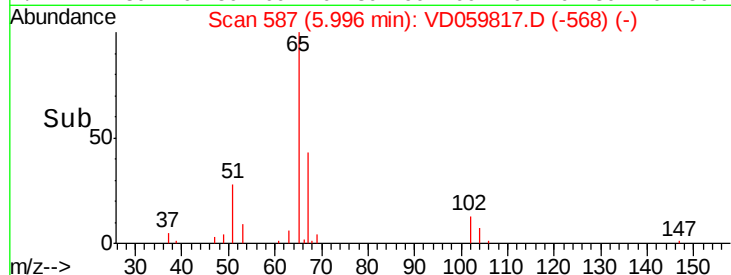
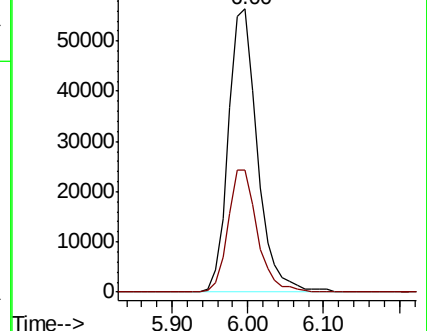
65 100

67 43.0 0.0 87.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. -0.02 min

Lab File: VD059817.D

Acq: 16 Aug 2018 18:16

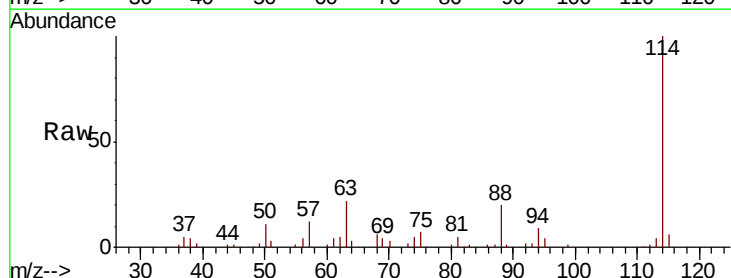
Tgt Ion: 114 Resp: 305083

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

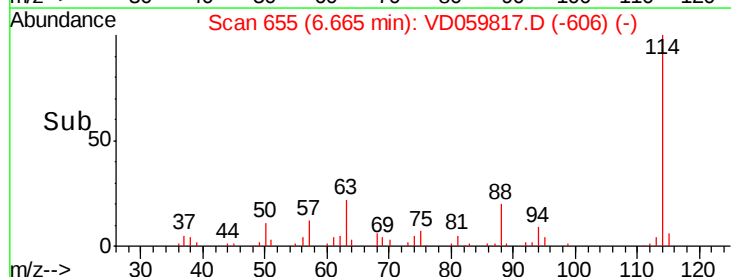
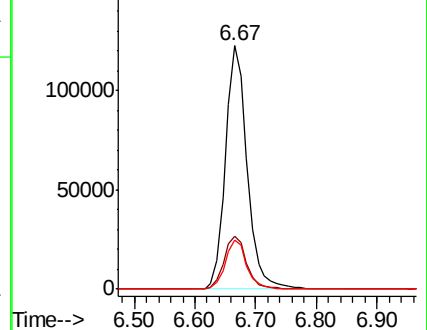
88 20.3 0.0 41.2

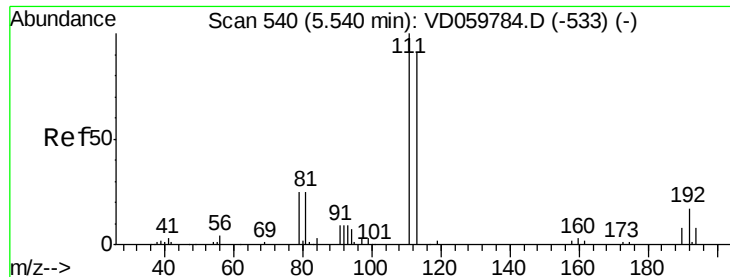


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

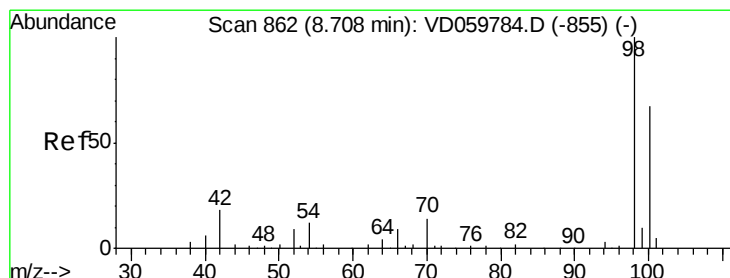
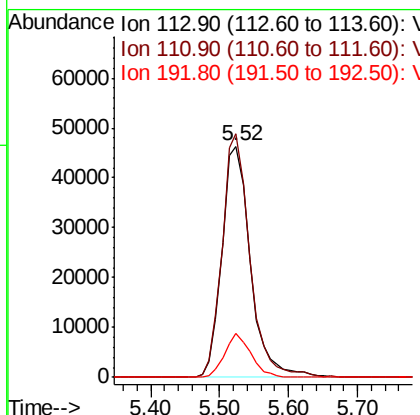
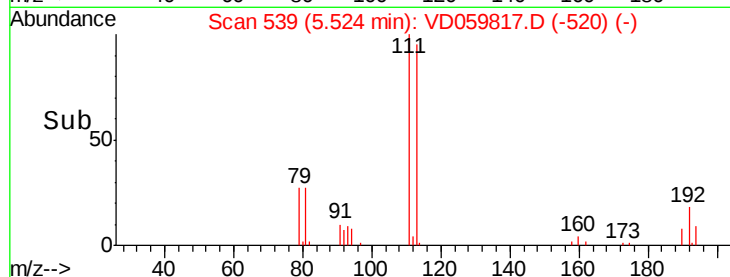
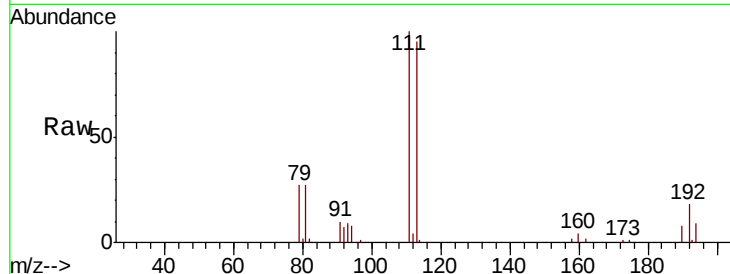




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: VD059817.D
 Acq: 16 Aug 2018 18:16

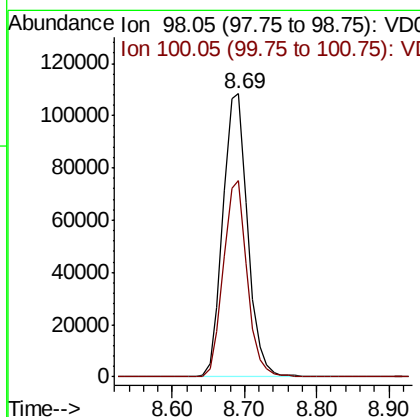
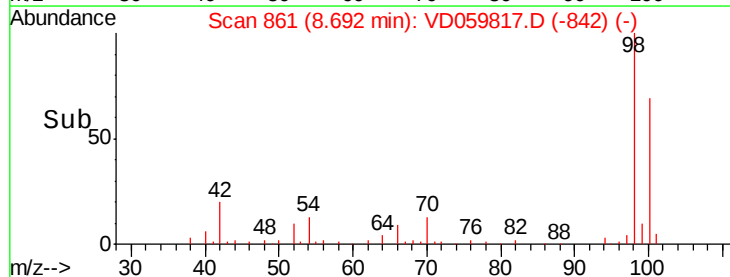
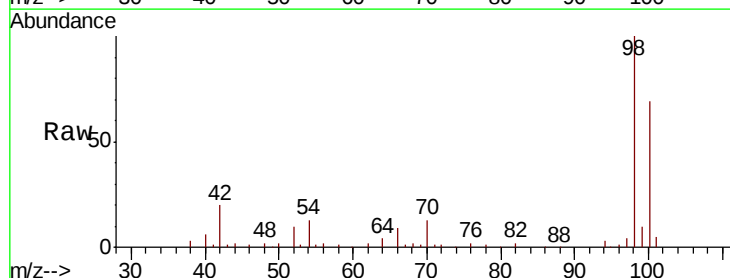
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081018-ESW-015

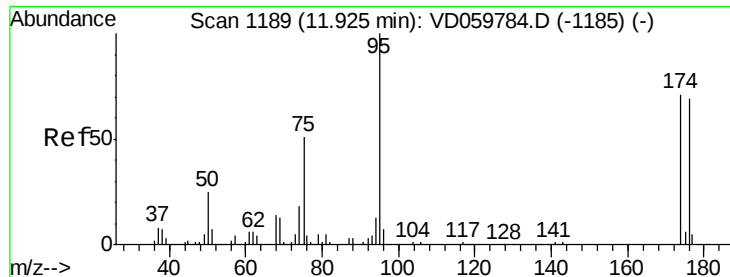
Tot Ion:113 Resp: 133398
 Ion Ratio Lower Upper
 113 100
 111 105.2 87.7 131.5
 192 18.8 14.6 21.8



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VD059817.D
 Acq: 16 Aug 2018 18:16

Tgt Ion: 98 Resp: 257107
 Ion Ratio Lower Upper
 98 100
 100 69.2 54.2 81.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059817.D

Acq: 16 Aug 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

RA-081018-ESW-015

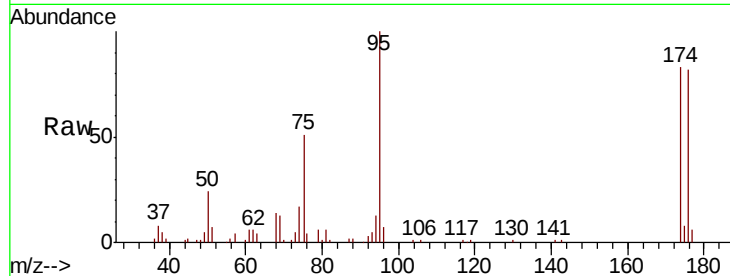
Tot Ion: 95 Resp: 97832

Ion Ratio Lower Upper

95 100

174 82.5 0.0 142.2

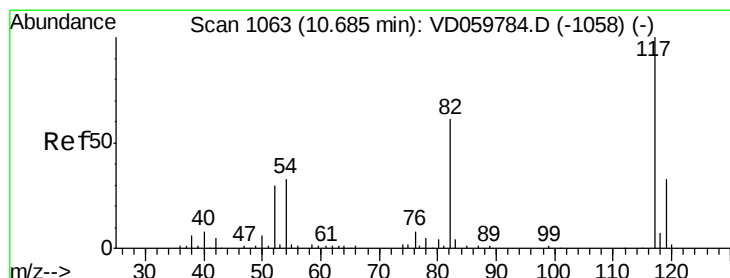
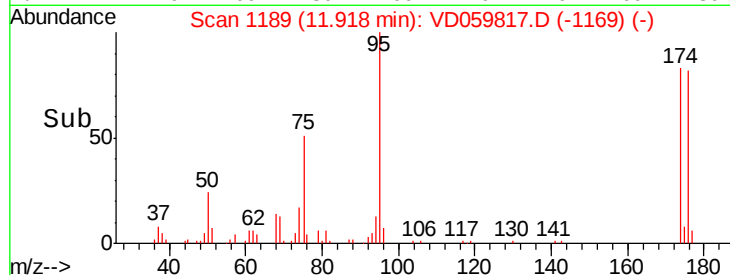
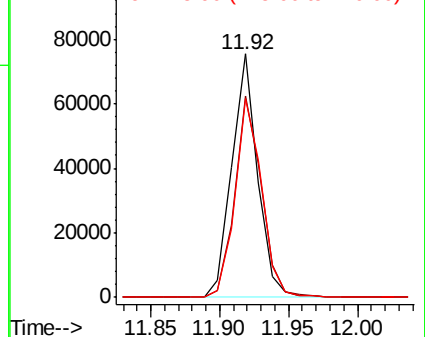
176 81.5 0.0 137.4



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: 10.67 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059817.D

Acq: 16 Aug 2018 18:16

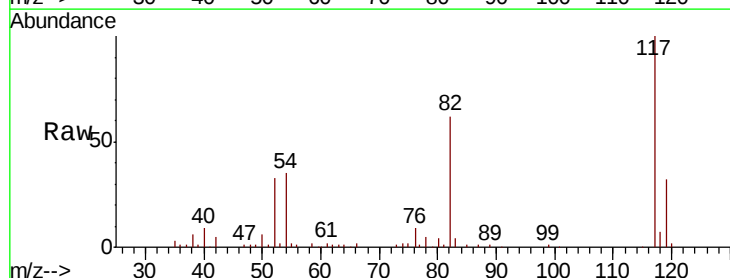
Tgt Ion: 117 Resp: 215137

Ion Ratio Lower Upper

117 100

82 62.3 49.0 73.6

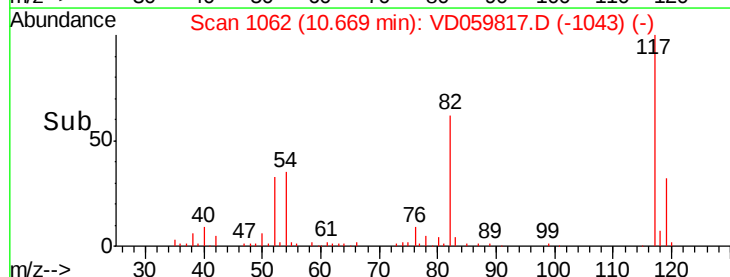
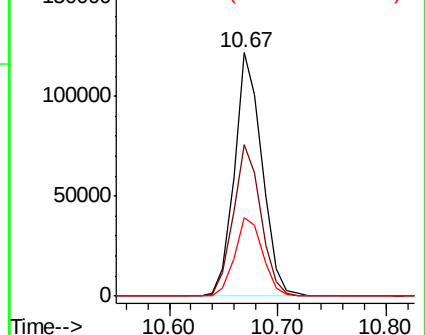
119 32.5 26.2 39.2

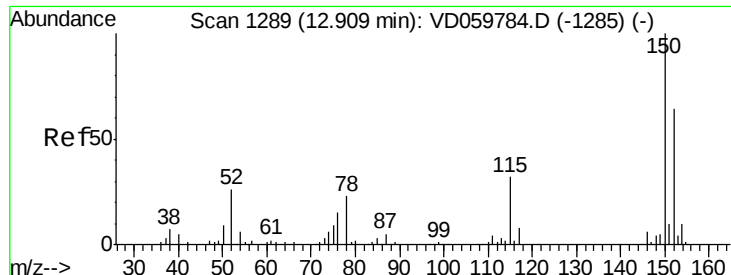


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.89 min Scan# 1288

Delta R.T. -0.02 min

Lab File: VD059817.D

Acq: 16 Aug 2018 18:16

Instrument :

MSVOA_D

ClientSampleId :

RA-081018-ESW-015

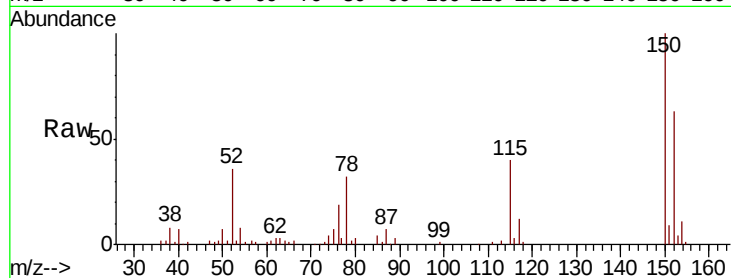
Tot Ion:152 Resp: 90089

Ion Ratio Lower Upper

152 100

115 63.1 27.2 81.5

150 157.8 0.0 312.4



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

