

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062618\
 Data File : VD059426.D
 Acq On : 26 Jun 2018 16:24
 Operator : VA/AP
 Sample : J3241-15
 Misc : 5.86g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-06-062218-B

Quant Time: Jun 27 06:33:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

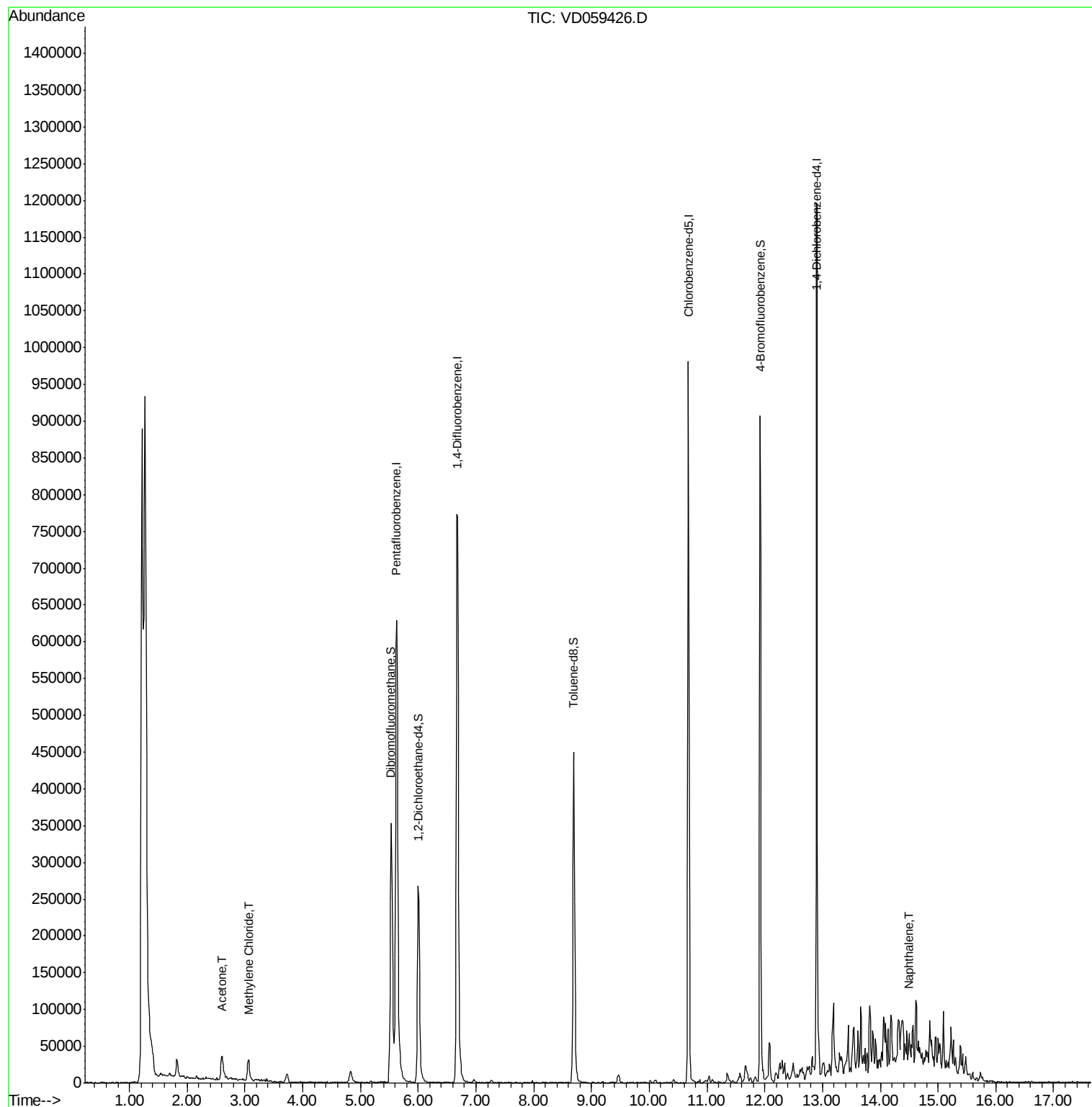
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	650146	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	6.68	114	837059	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	520677	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	294640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	280461	42.18	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.36%	
35) Dibromofluoromethane	5.54	113	294872	43.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.50%	
50) Toluene-d8	8.69	98	356994	22.40	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	44.80%	
62) 4-Bromofluorobenzene	11.92	95	247904	37.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.78%	
Target Compounds						
16) Acetone	2.61	43	75106	89.51	ug/l #	89
20) Methylene Chloride	3.07	84	13999	3.71	ug/l #	88
95) Naphthalene	14.51	128	14487	1.54	ug/l #	89

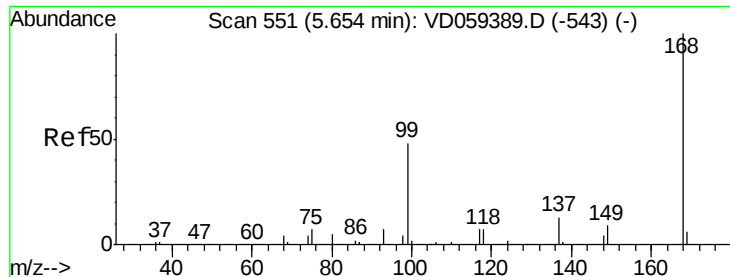
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062618\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.03 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

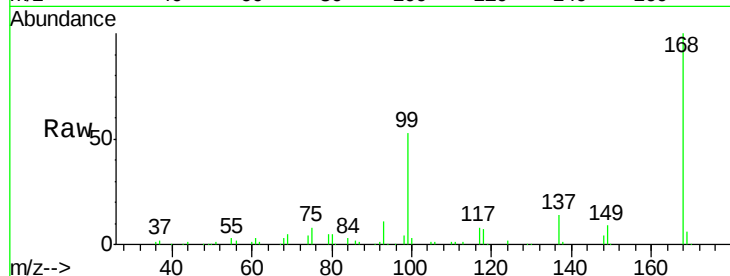
HR-06-062218-B

Tot Ion:168 Resp: 650146

Ion Ratio Lower Upper

168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.63

250000

200000

150000

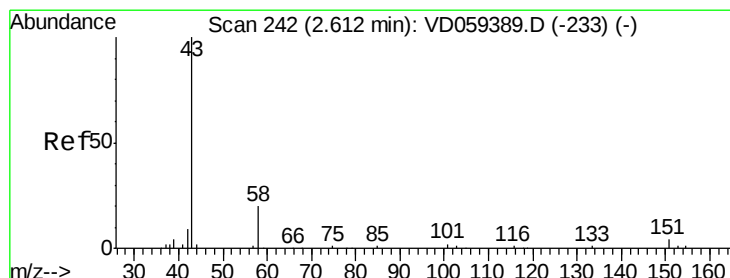
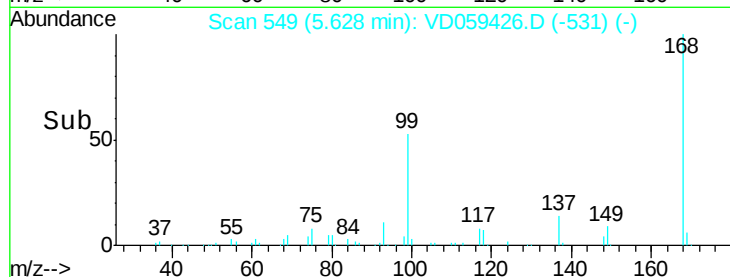
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 89.51 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059426.D

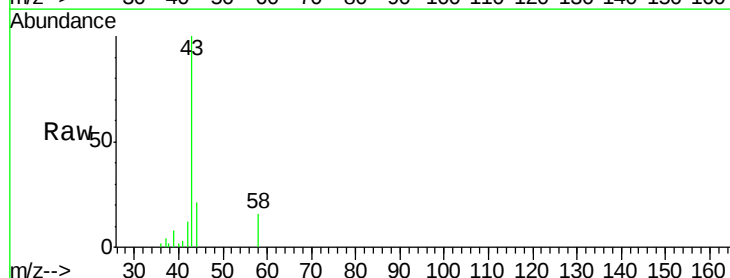
Acq: 26 Jun 2018 16:24

Tgt Ion: 43 Resp: 75106

Ion Ratio Lower Upper

43 100

58 15.9 16.8 25.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

25000

20000

15000

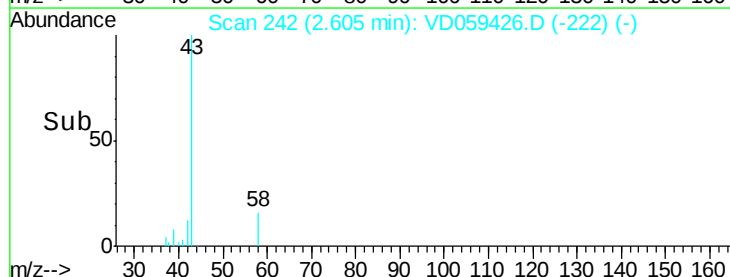
10000

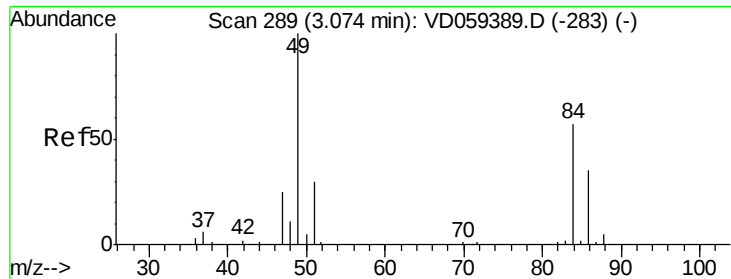
5000

0

Time-->

2.50 2.60 2.70 2.80

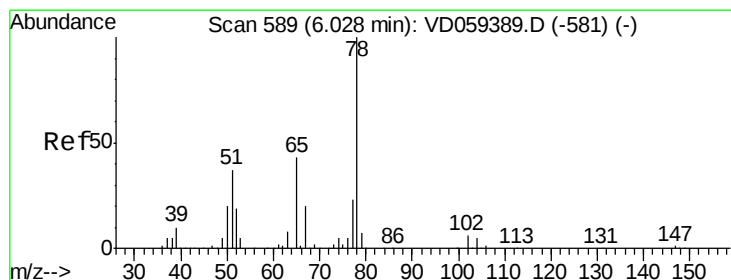
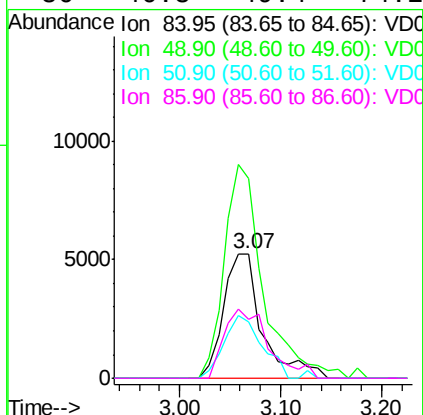
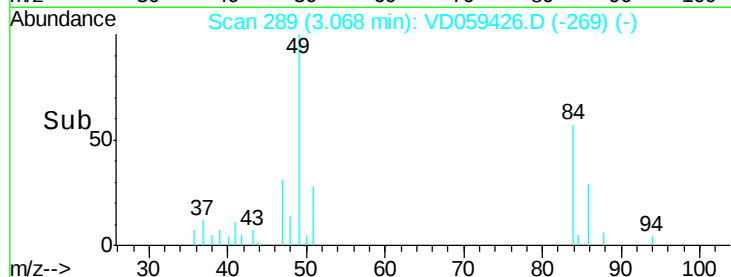
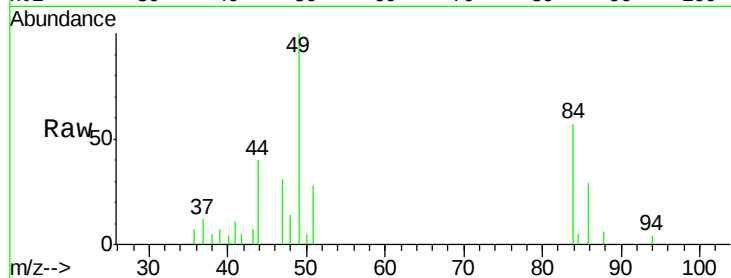




#20
Methvlene Chloride
Concen: 3.71 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD059426.D
Acq: 26 Jun 2018 16:24

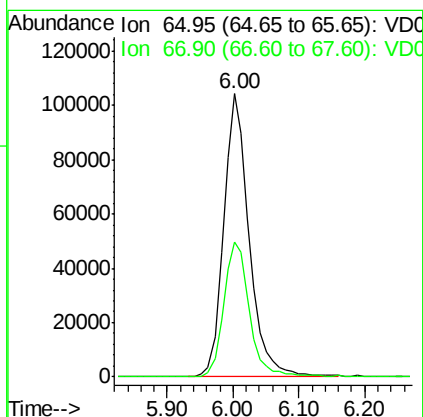
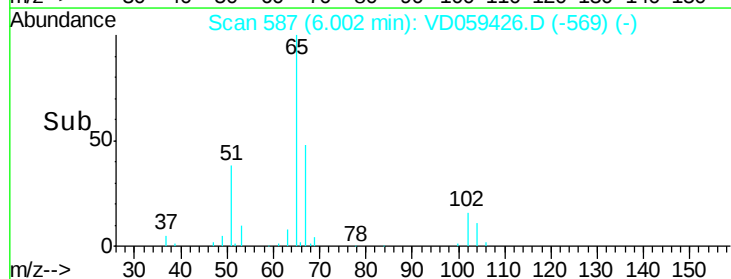
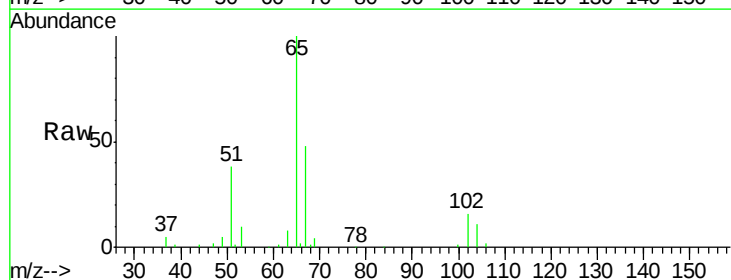
Instrument :
MSVOA_D
ClientSampleId :
HR-06-062218-B

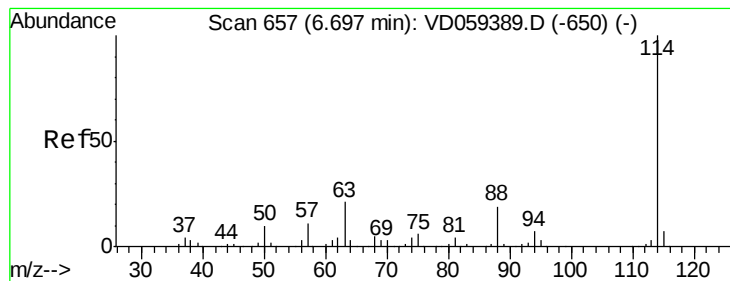
Tot Ion: 84 Resp: 13999
Ion Ratio Lower Upper
84 100
49 160.7 140.3 210.5
51 45.1 41.6 62.4
86 46.8 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059426.D
Acq: 26 Jun 2018 16:24

Tgt Ion: 65 Resp: 280461
Ion Ratio Lower Upper
65 100
67 47.8 0.0 93.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

HR-06-062218-B

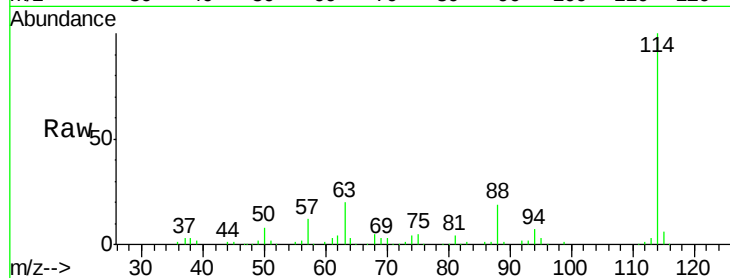
Tot Ion:114 Resp: 837059

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

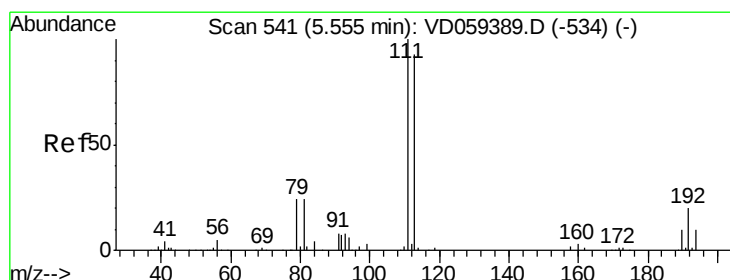
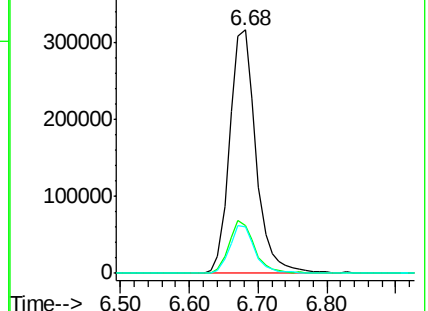
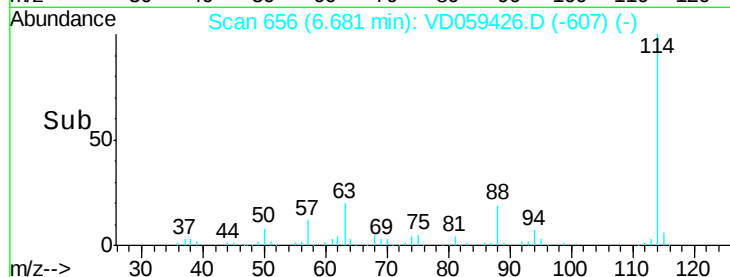
88 19.0 0.0 38.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

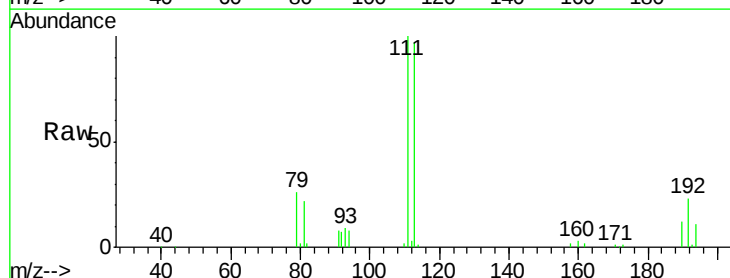
Tgt Ion:113 Resp: 294872

Ion Ratio Lower Upper

113 100

111 103.4 85.7 128.5

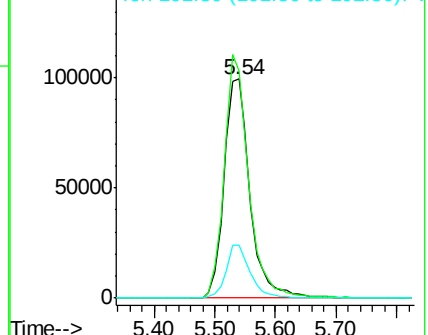
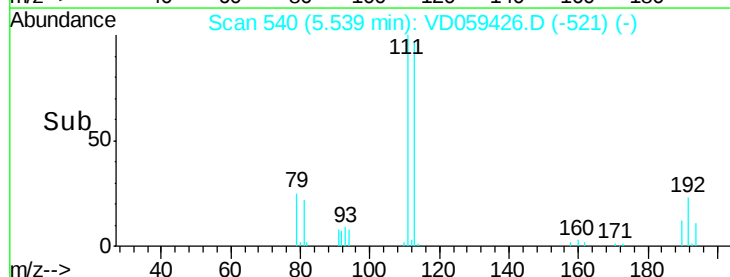
192 24.1 16.9 25.3

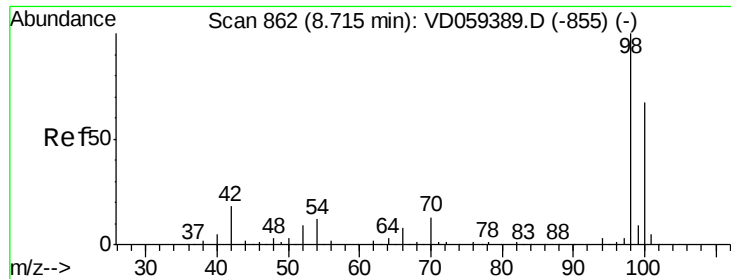


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.69 min Scan# 860

Delta R.T. -0.03 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

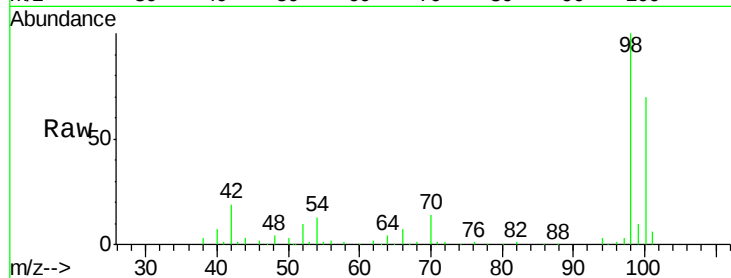
HR-06-062218-B

Tot Ion: 98 Resp: 356994

Ion Ratio Lower Upper

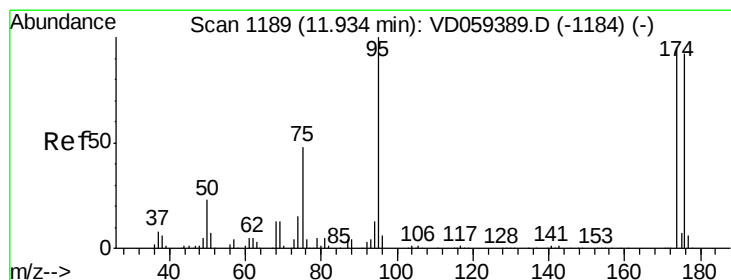
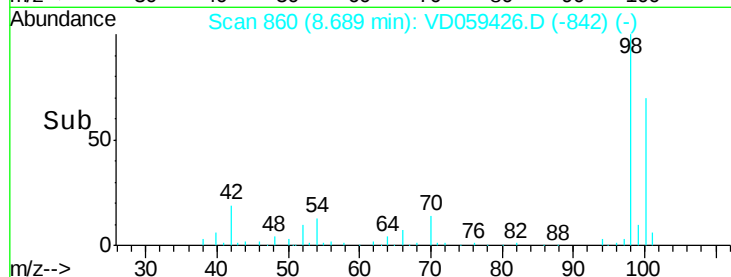
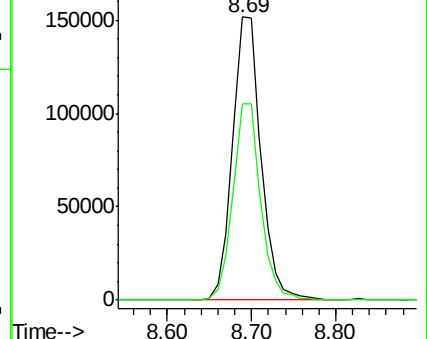
98 100

100 69.5 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.02 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

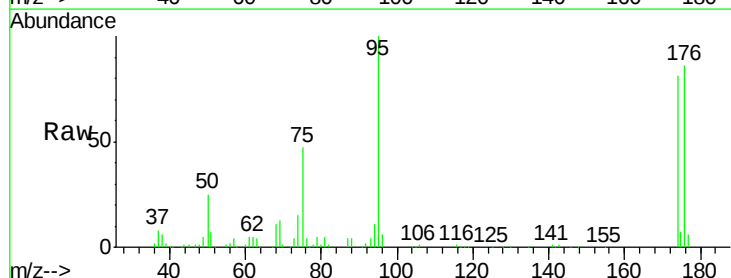
Tgt Ion: 95 Resp: 247904

Ion Ratio Lower Upper

95 100

174 81.1 0.0 190.4

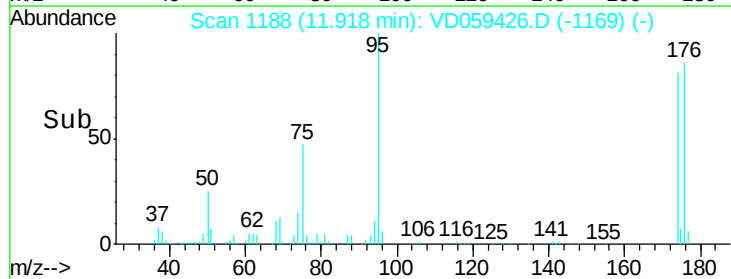
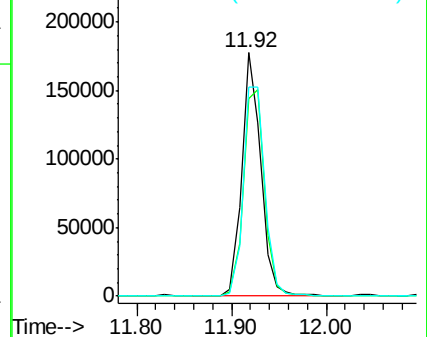
176 85.7 0.0 183.2

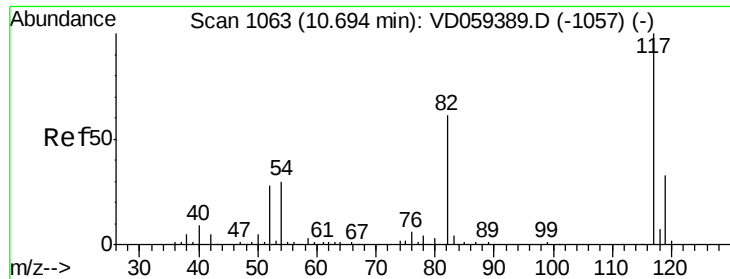


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.02 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

Instrument :

MSVOA_D

ClientSampleId :

HR-06-062218-B

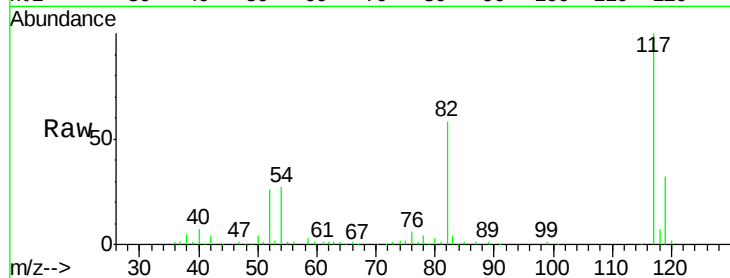
Tot Ion:117 Resp: 520677

Ion Ratio Lower Upper

117 100

82 57.8 49.0 73.6

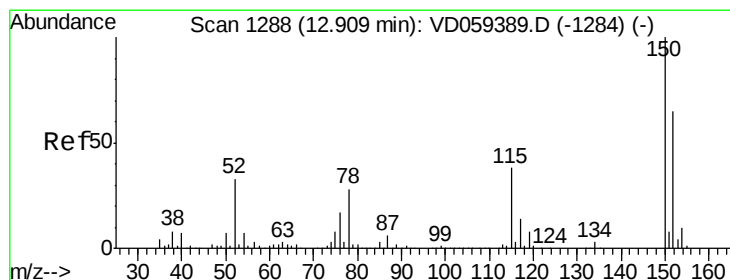
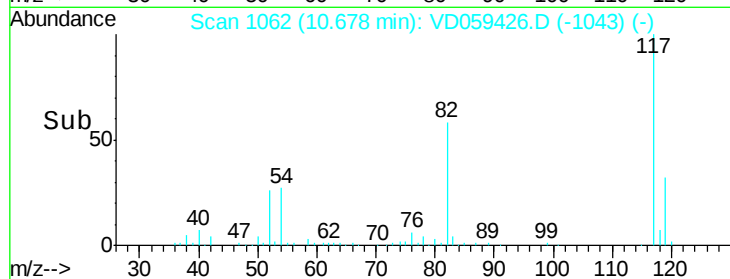
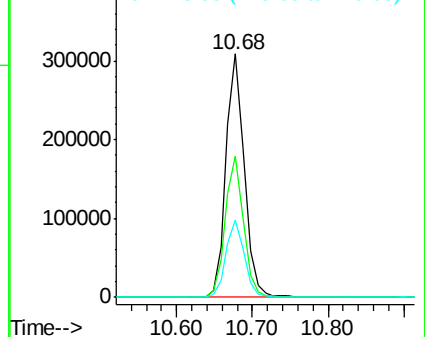
119 31.5 26.2 39.4



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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059426.D

Acq: 26 Jun 2018 16:24

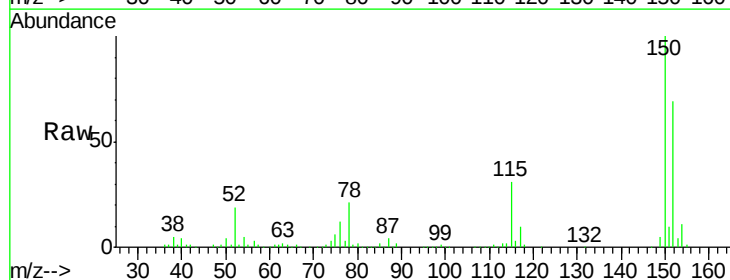
Tgt Ion:152 Resp: 294640

Ion Ratio Lower Upper

152 100

115 44.9 29.4 88.3

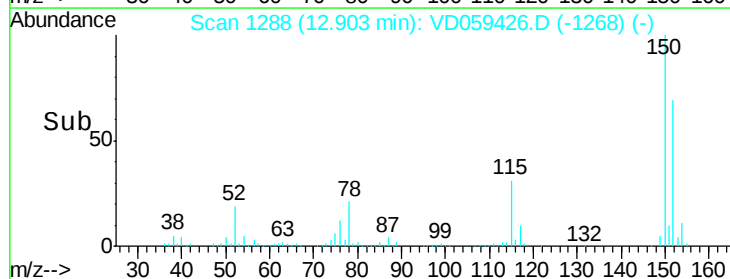
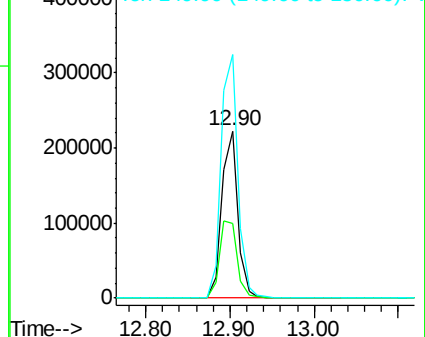
150 146.0 0.0 308.2

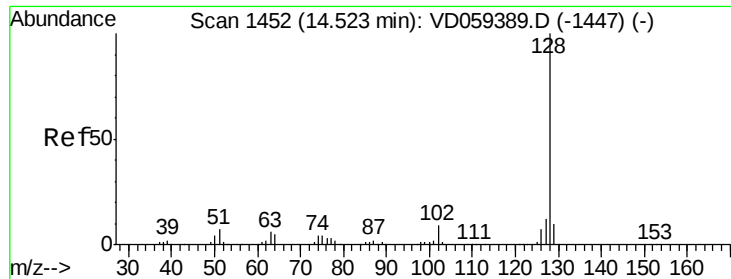


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#95

Napthalene

Concen: 1.54 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.02 min

Lab File: VD059426.D

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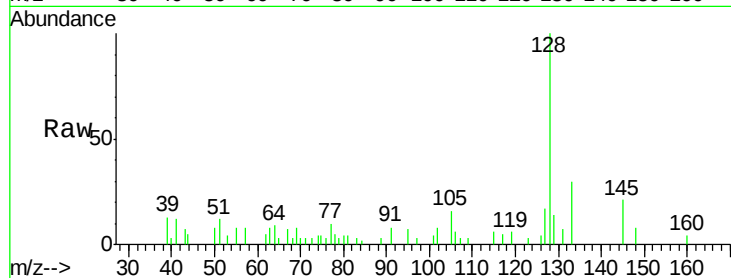
Tot Ion:128 Resp: 14487

Ion Ratio Lower Upper

128 100

127 16.8 9.6 14.4#

129 13.7 8.2 12.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

