

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059728.D
 Acq On : 9 Aug 2018 21:11
 Operator : VA/AP
 Sample : J4388-05
 Misc : 5.85g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3A

Quant Time: Aug 10 02:55:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	56540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	68958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	61511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	37361	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	67178	92.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	184.74%	
35) Dibromofluoromethane	5.53	113	42477	68.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.16%	
50) Toluene-d8	8.70	98	65611	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.92	95	36731	59.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.06%	

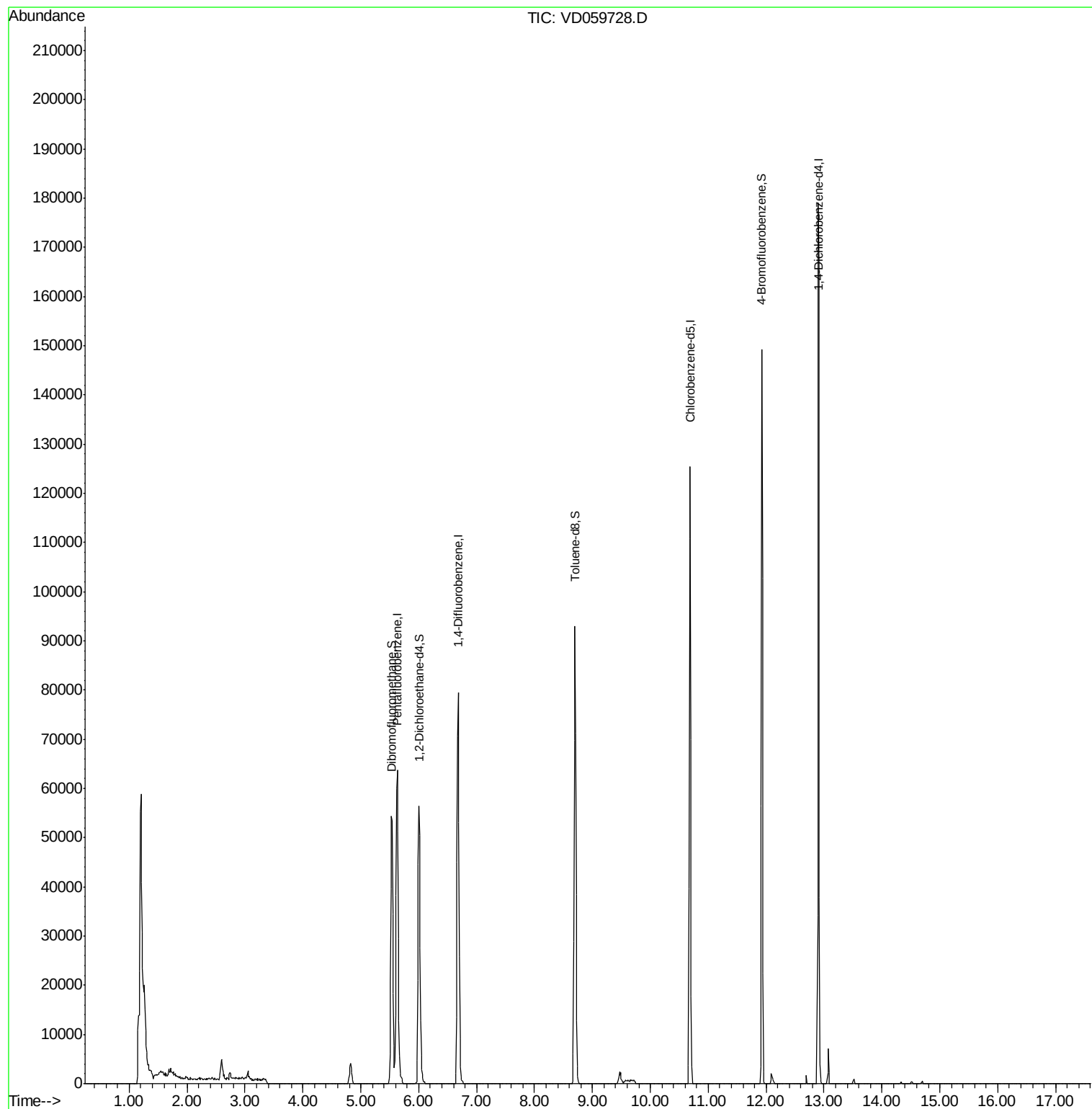
Target Compounds	Qvalue
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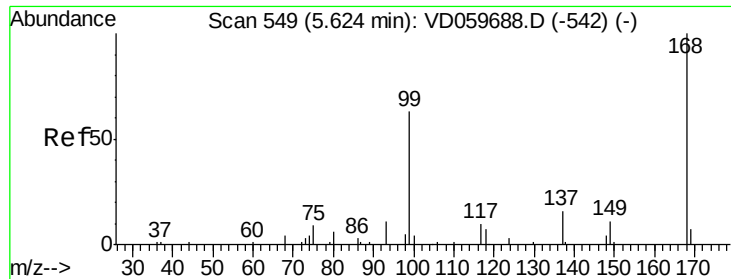
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 08 02:03:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

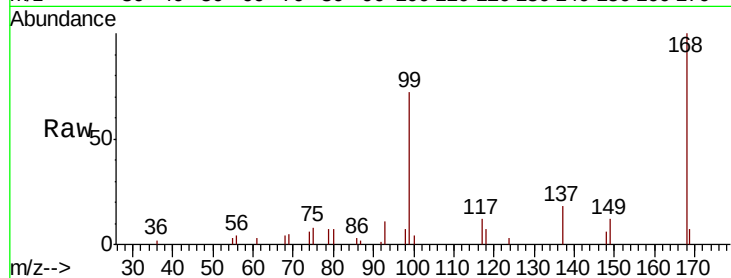
S-3A

Tot Ion:168 Resp: 56540

Ion Ratio Lower Upper

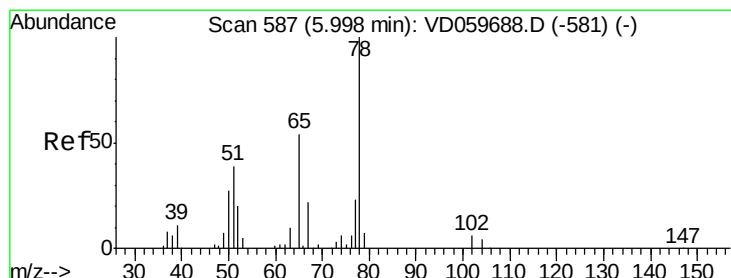
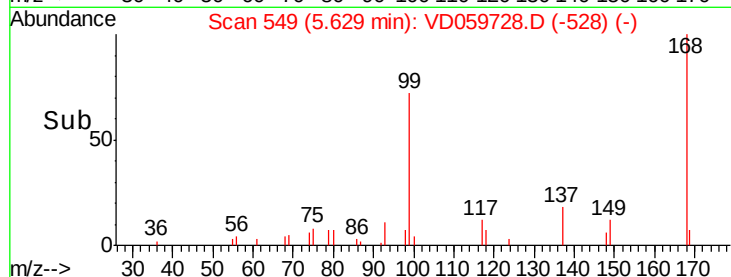
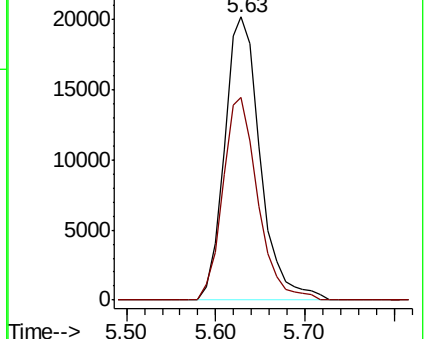
168 100

99 71.6 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD059728.D

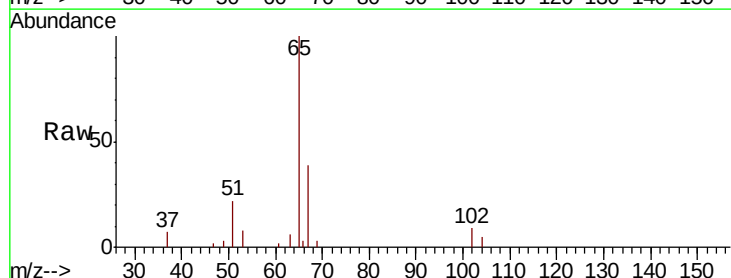
Acq: 9 Aug 2018 21:11

Tgt Ion: 65 Resp: 67178

Ion Ratio Lower Upper

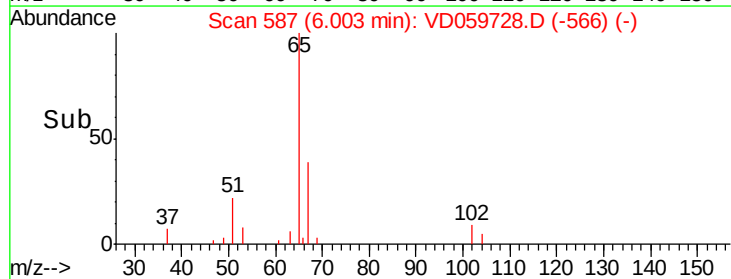
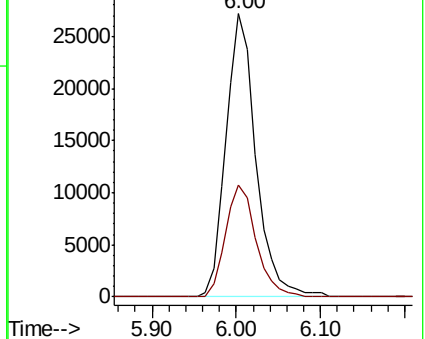
65 100

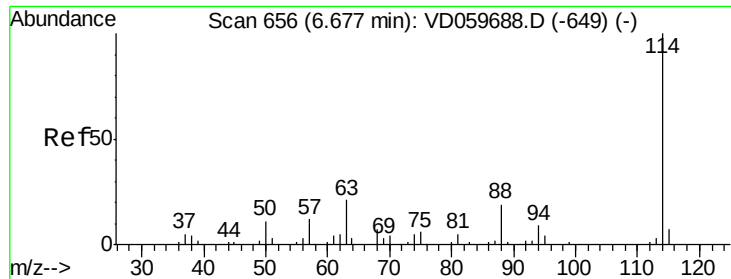
67 39.5 0.0 80.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

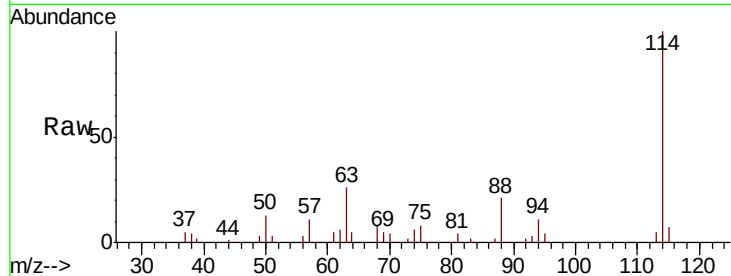




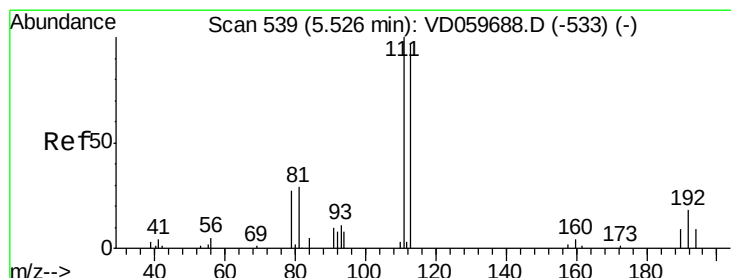
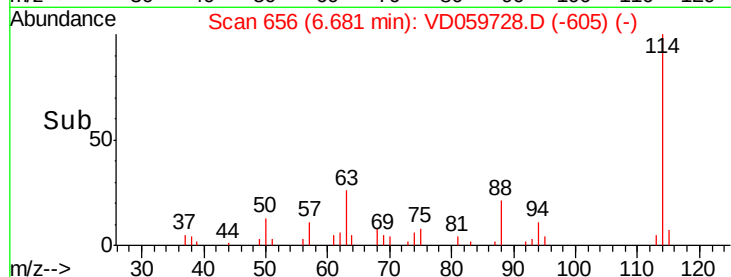
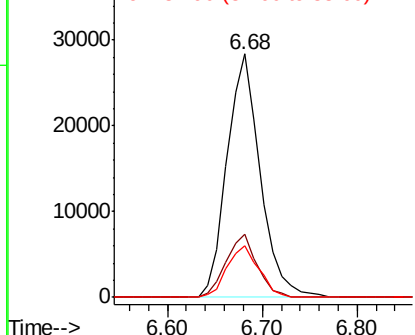
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VD059728.D
 Acq: 9 Aug 2018 21:11

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3A

Tot Ion:114 Resp: 68958
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 42.6
 88 21.0 0.0 38.8

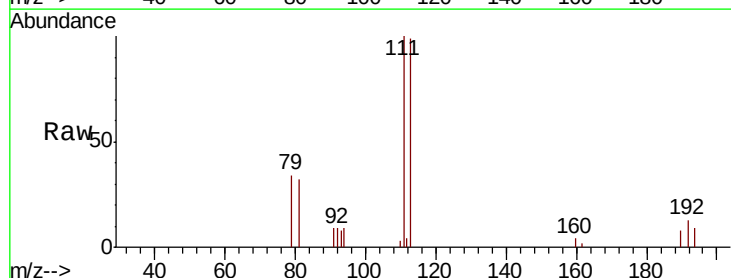


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

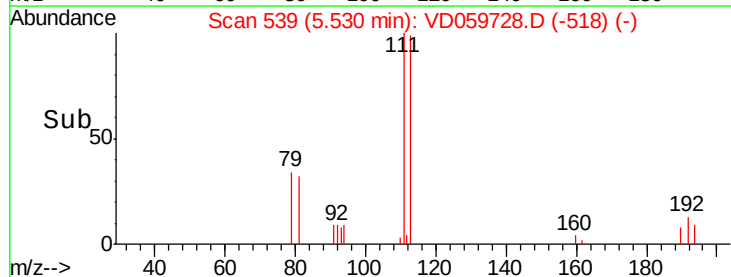
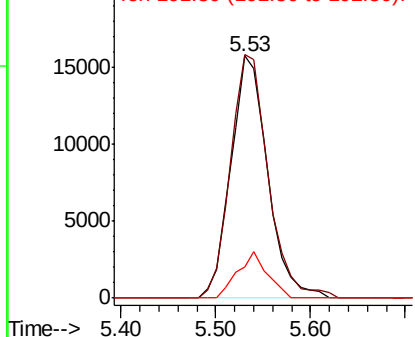


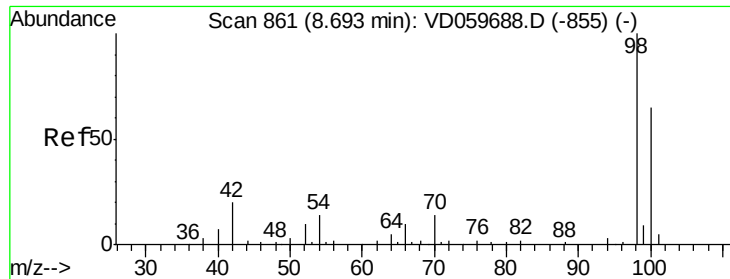
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VD059728.D
 Acq: 9 Aug 2018 21:11

Tgt Ion:113 Resp: 42477
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.8 124.2
 192 12.9 14.6 22.0#



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: 8.70 min Scan# 861

Delta R.T. 0.00 min

Lab File: VD059728.D

Acq: 9 Aug 2018 21:11

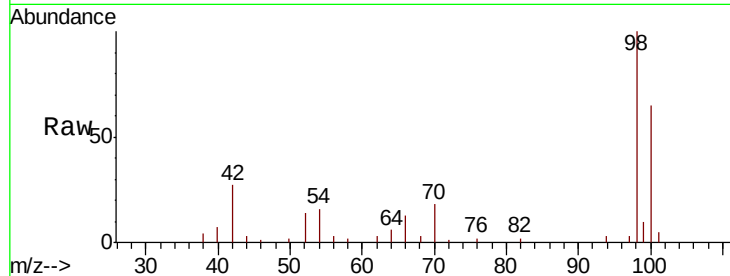
Instrument :
MSVOA_D
ClientSampleId :
S-3A

Tot Ion: 98 Resp: 65611

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



Abundance Ion 98.05 (97.75 to 98.75): VD059688.D (-855) (-)

Ion 100.05 (99.75 to 100.75): VD059688.D (-855) (-)

8.70

30000

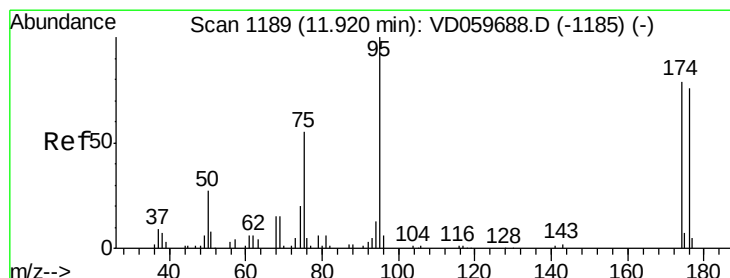
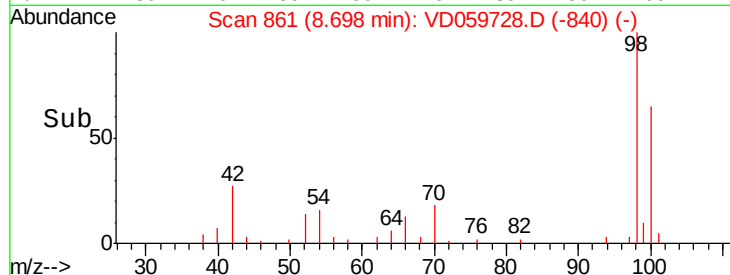
20000

10000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059728.D

Acq: 9 Aug 2018 21:11

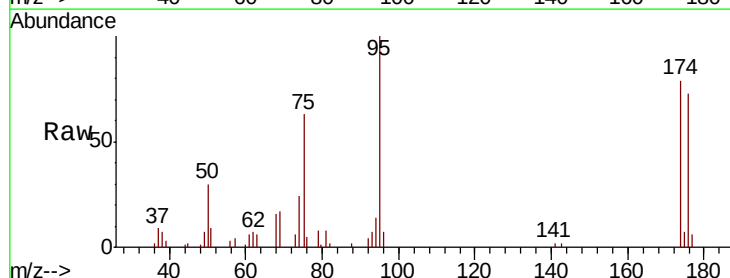
Tgt Ion: 95 Resp: 36731

Ion Ratio Lower Upper

95 100

174 78.5 0.0 158.4

176 72.8 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VD059688.D (-1185) (-)

Ion 173.90 (173.60 to 174.60): VD059688.D (-1185) (-)

Ion 175.90 (175.60 to 176.60): VD059688.D (-1185) (-)

11.92

30000

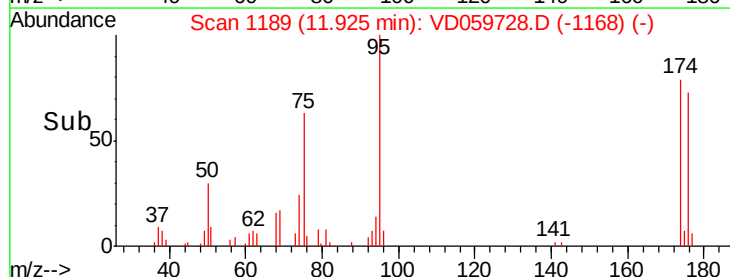
20000

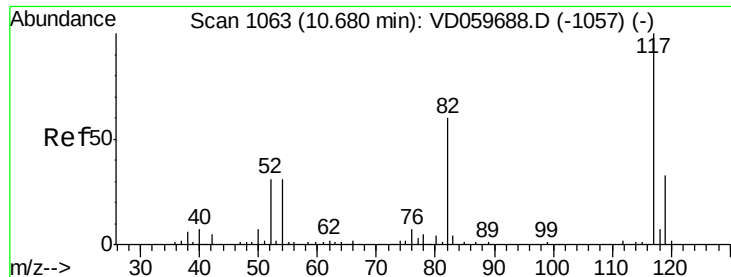
10000

0

11.85 11.90 11.95 12.00

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD059728.D

Acq: 9 Aug 2018 21:11

Instrument :

MSVOA_D

ClientSampleId :

S-3A

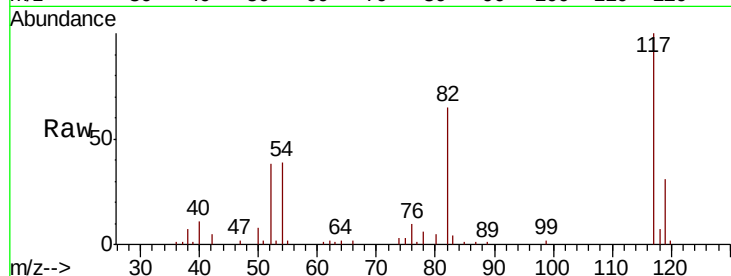
Tot Ion:117 Resp: 61511

Ion Ratio Lower Upper

117 100

82 65.4 47.7 71.5

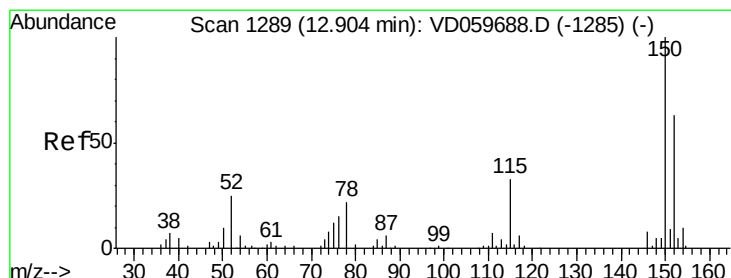
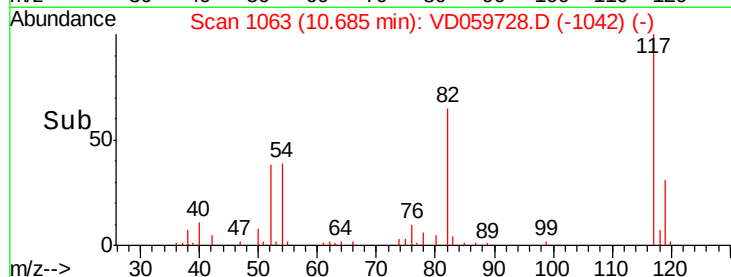
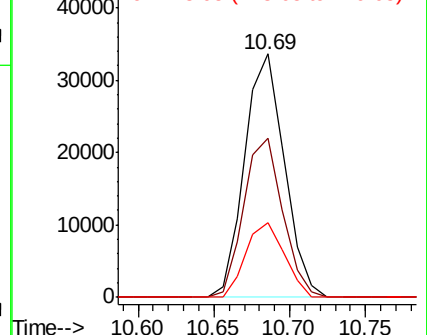
119 30.9 26.6 40.0



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

Ion 118.95 (118.65 to 119.65): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD059728.D

Acq: 9 Aug 2018 21:11

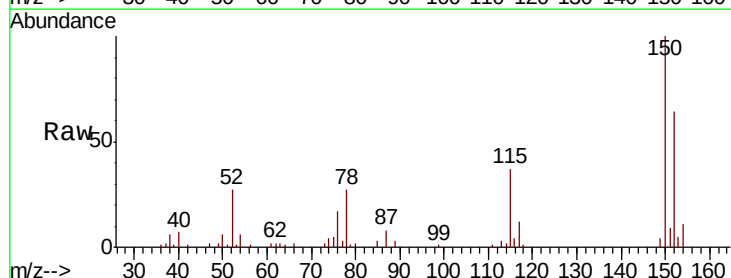
Tgt Ion:152 Resp: 37361

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.4

150 155.7 0.0 318.0



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

