

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082118\
 Data File : VD059860.D
 Acq On : 21 Aug 2018 17:18
 Operator : JC/SY
 Sample : J4535-06
 Misc : 5.02g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-NSW-15-038

Quant Time: Aug 22 01:48:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 21 04:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	994140	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.65	114	1332262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.66	117	920346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	323472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.97	65	423991	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
35) Dibromofluoromethane	5.51	113	529028	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
50) Toluene-d8	8.67	98	1262673	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.91	95	378454	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	

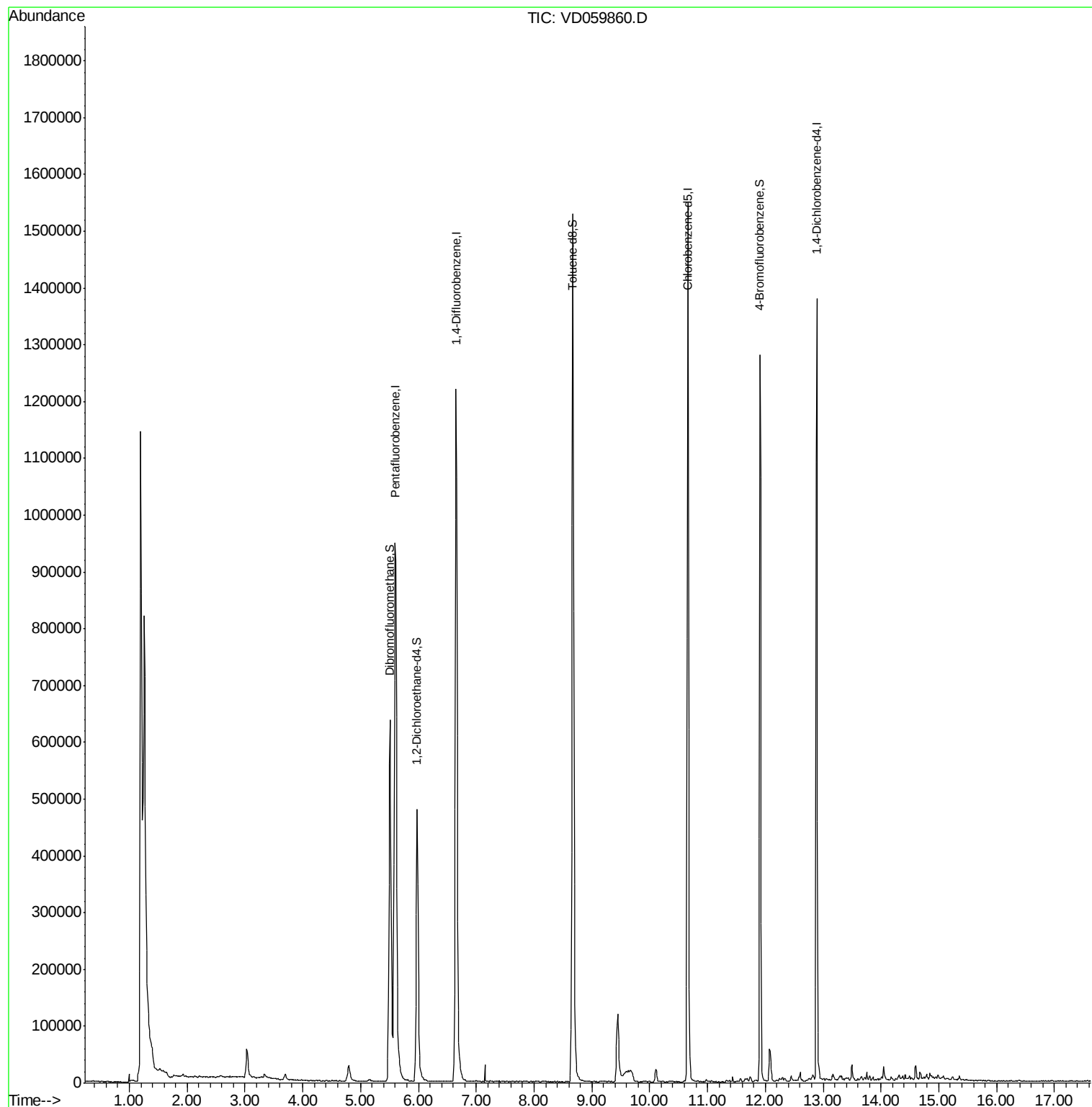
Target Compounds	Qvalue
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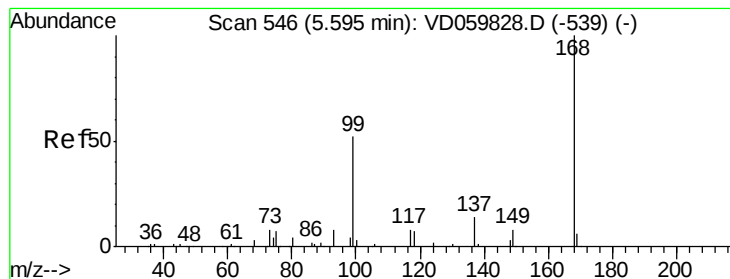
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.61 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059860.D

Acq: 21 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

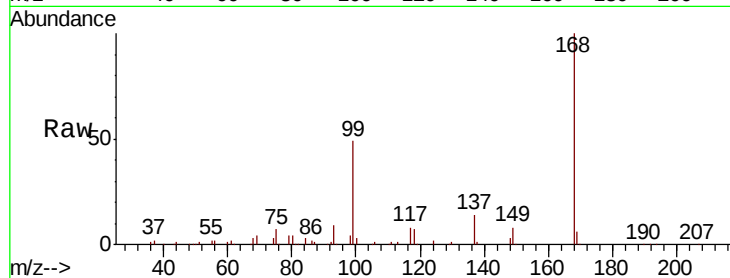
RA-081618-NSW-15-038

Tot Ion:168 Resp: 994140

Ion Ratio Lower Upper

168 100

99 48.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

400000

300000

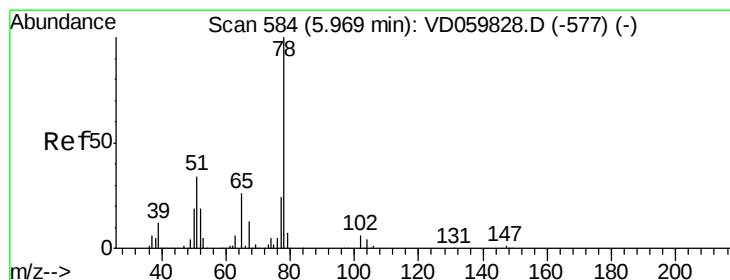
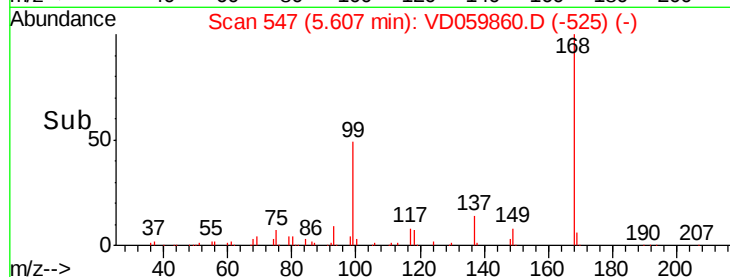
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VD059860.D

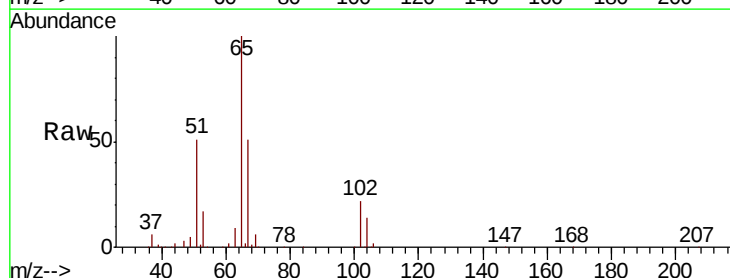
Acq: 21 Aug 2018 17:18

Tgt Ion: 65 Resp: 423991

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.97

150000

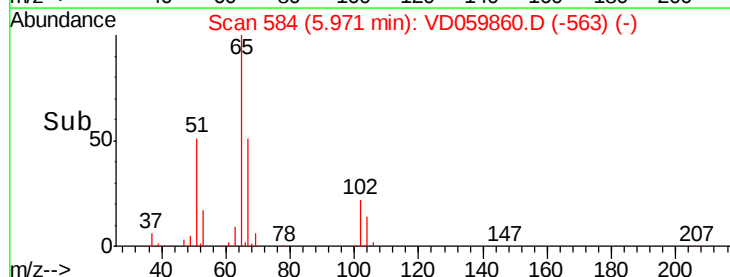
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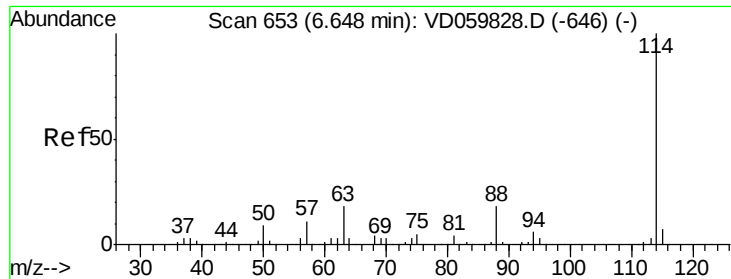
50000

0

Time-->

5.80 5.90 6.00 6.10 6.20

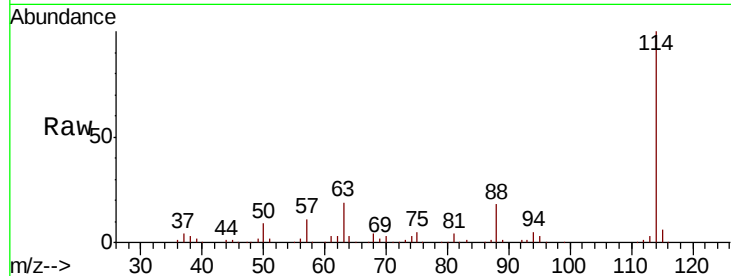




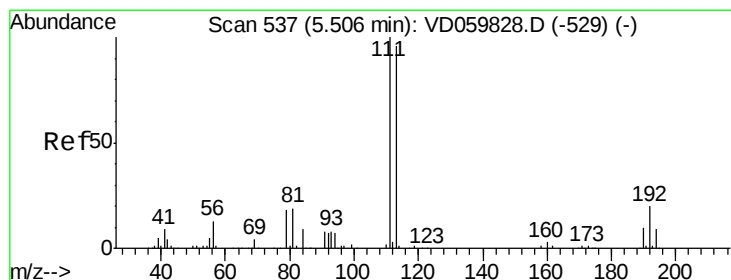
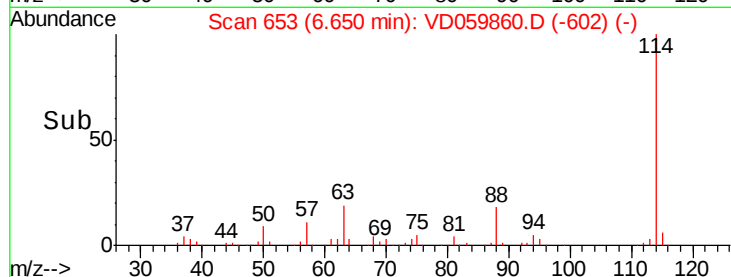
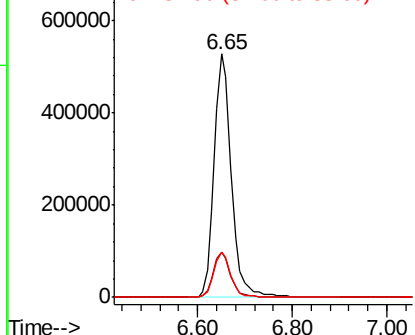
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: VD059860.D
 Acq: 21 Aug 2018 17:18

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081618-NSW-15-038

Tot Ion:114 Resp: 1332262
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 18.5 0.0 37.0

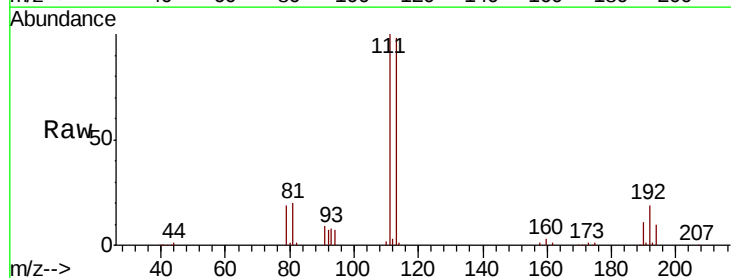


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

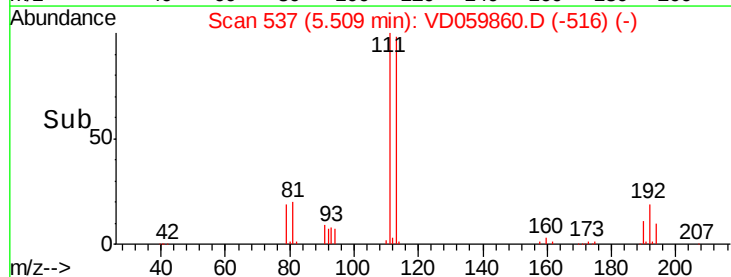
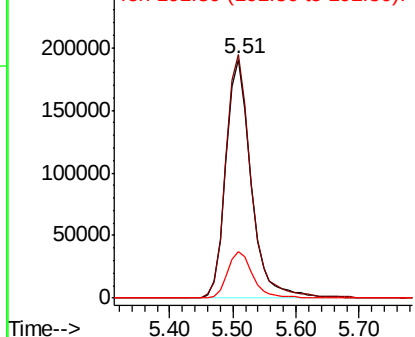


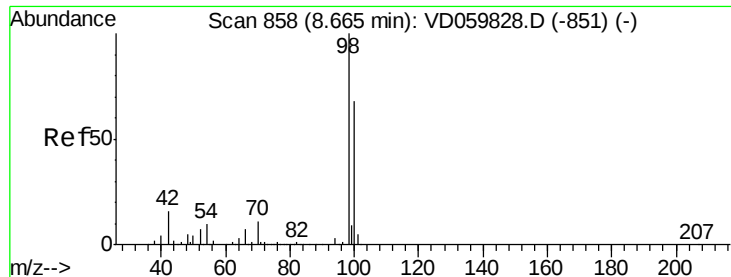
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.51 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VD059860.D
 Acq: 21 Aug 2018 17:18

Tgt Ion:113 Resp: 529028
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.3 124.9
 192 19.7 16.8 25.2



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: 8.67 min Scan# 858

Delta R.T. 0.00 min

Lab File: VD059860.D

Acq: 21 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

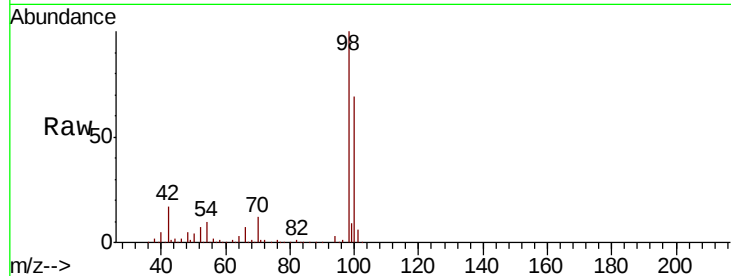
RA-081618-NSW-15-038

Tot Ion: 98 Resp: 1262673

Ion Ratio Lower Upper

98 100

100 69.4 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.67

600000

500000

400000

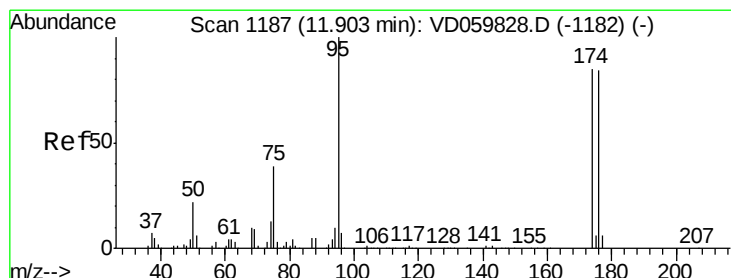
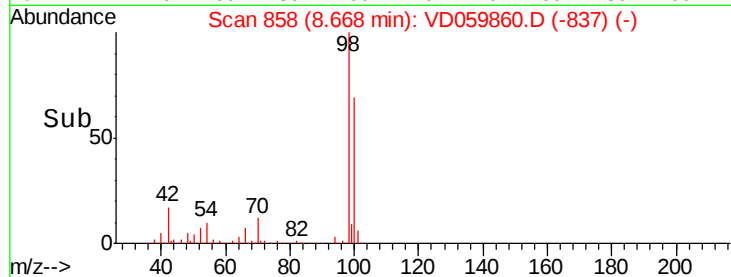
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059860.D

Acq: 21 Aug 2018 17:18

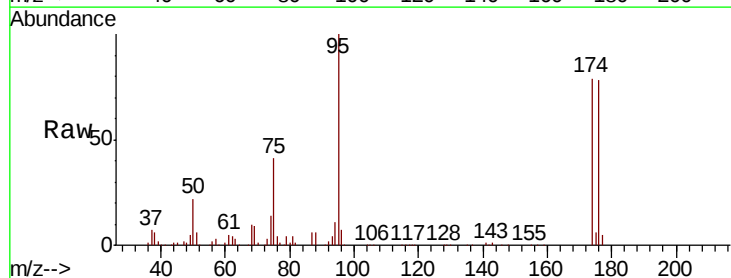
Tgt Ion: 95 Resp: 378454

Ion Ratio Lower Upper

95 100

174 79.1 0.0 169.2

176 78.0 0.0 168.0



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

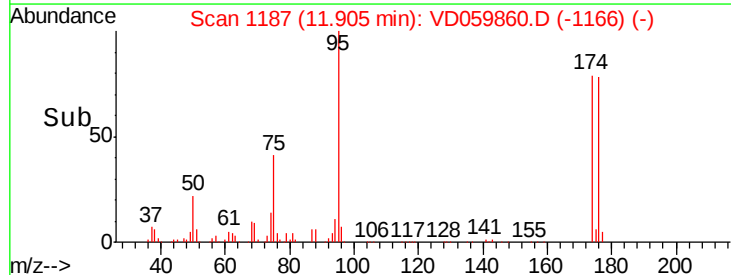
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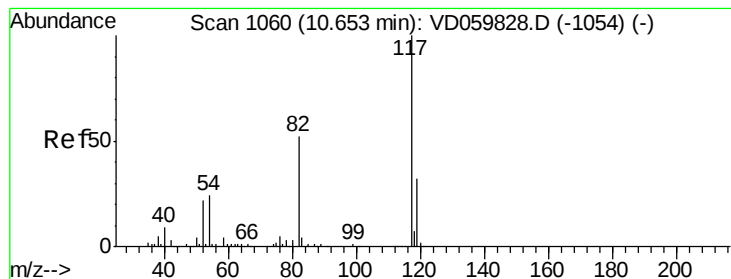
200000

100000

0

Time--> 11.80 11.90 12.00





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.66 min Scan# 1060

Delta R.T. 0.00 min

Lab File: VD059860.D

Acq: 21 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

RA-081618-NSW-15-038

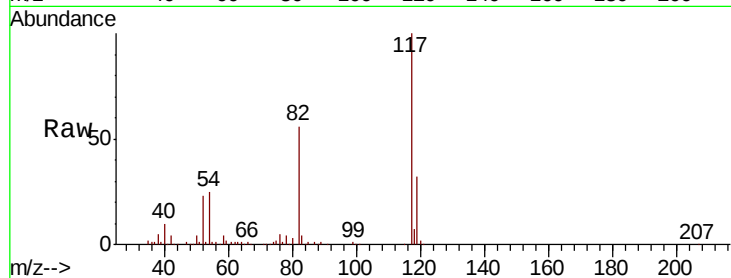
Tot Ion:117 Resp: 920346

Ion Ratio Lower Upper

117 100

82 55.7 41.6 62.4

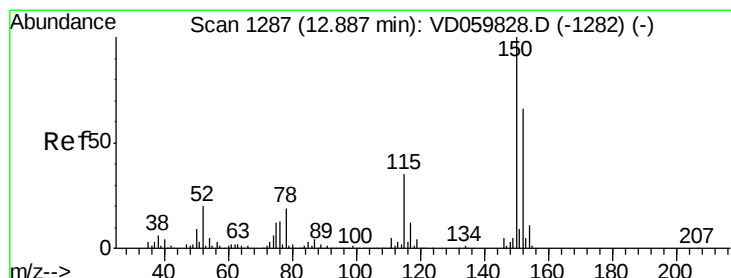
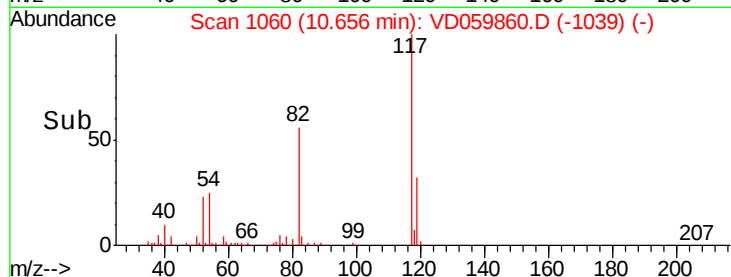
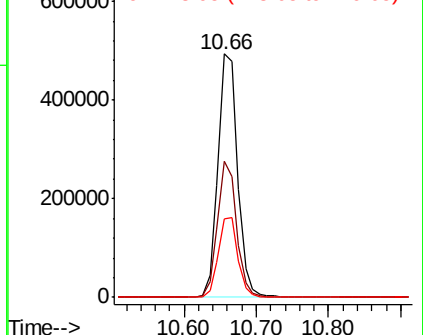
119 32.1 25.6 38.4



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: 12.89 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VD059860.D

Acq: 21 Aug 2018 17:18

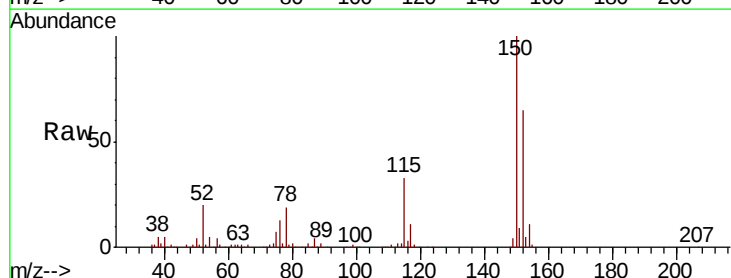
Tgt Ion:152 Resp: 323472

Ion Ratio Lower Upper

152 100

115 50.4 26.9 80.6

150 152.7 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

