

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059724.D
 Acq On : 9 Aug 2018 19:17
 Operator : VA/AP
 Sample : J4388-01
 Misc : 3.83g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

Quant Time: Aug 10 02:52:13 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	102091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	121736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	101490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	55494	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	106222	80.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.78%	
35) Dibromofluoromethane	5.53	113	71871	65.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.46%	
50) Toluene-d8	8.70	98	117785	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.93	95	58693	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	

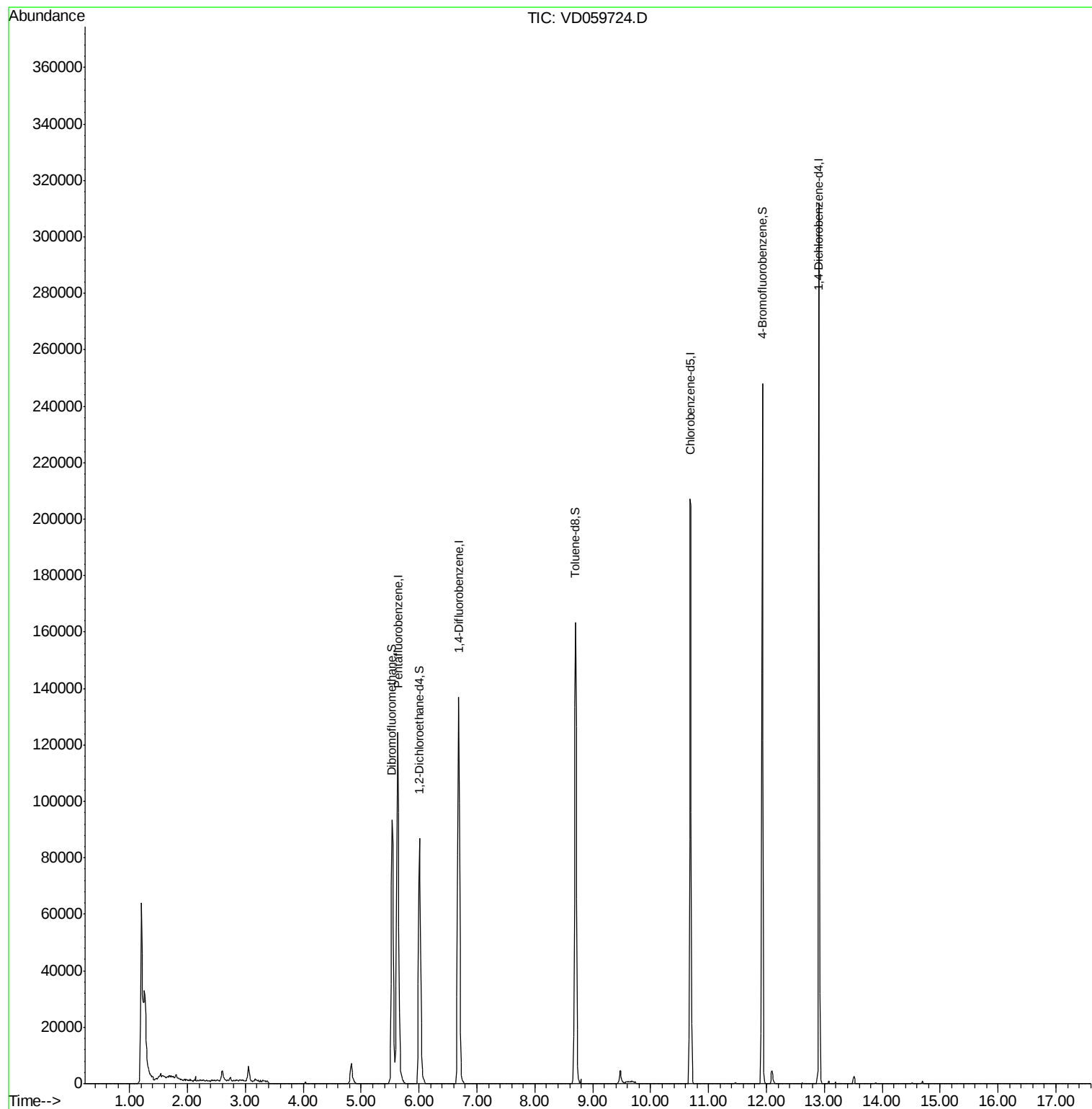
Target Compounds	Qvalue
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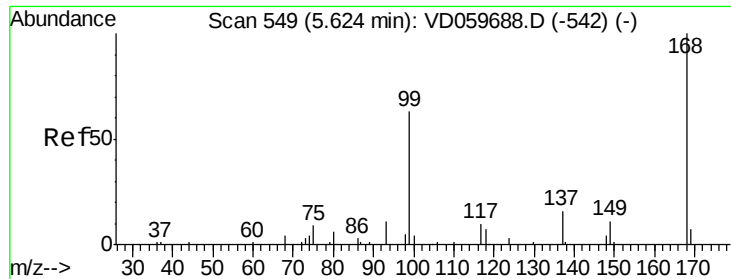
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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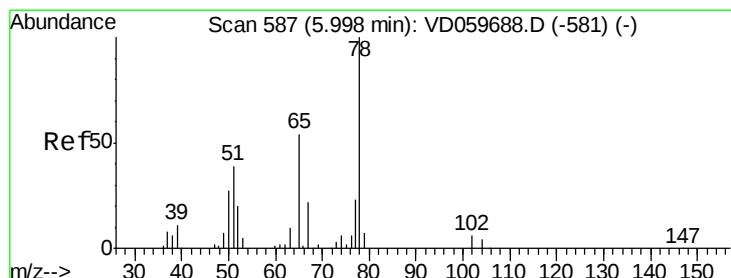
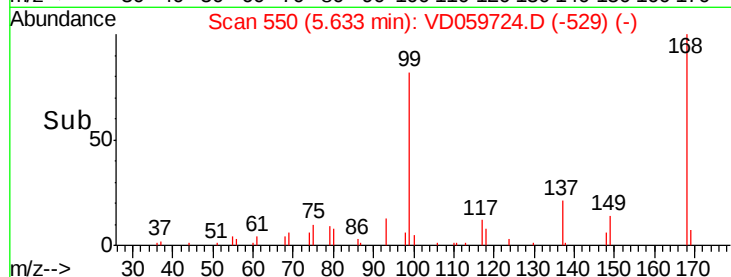
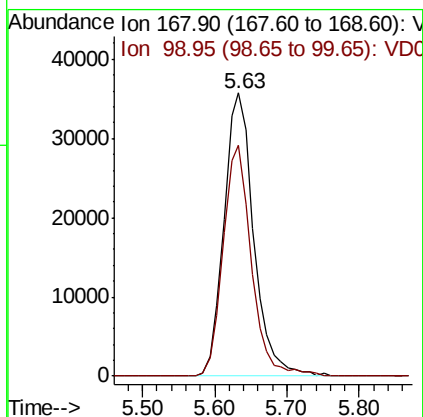
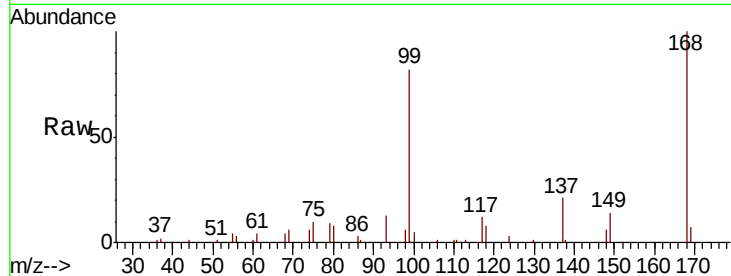




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059724.D
Acq: 9 Aug 2018 19:17

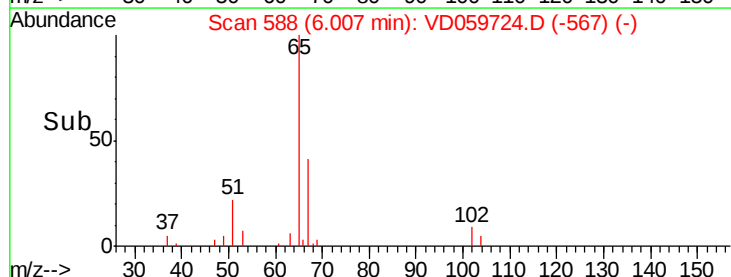
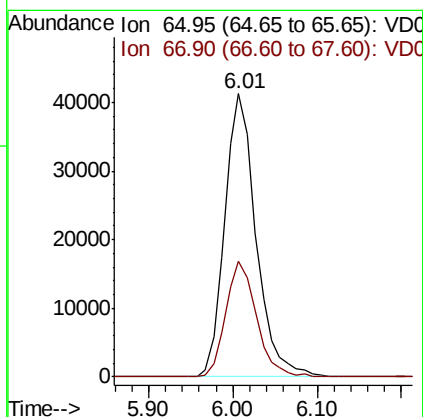
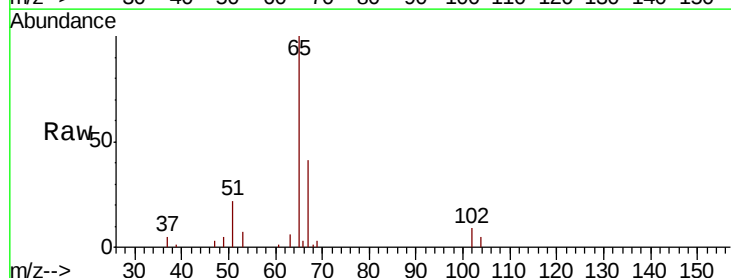
Instrument :
MSVOA_D
ClientSampleId :
S-1A

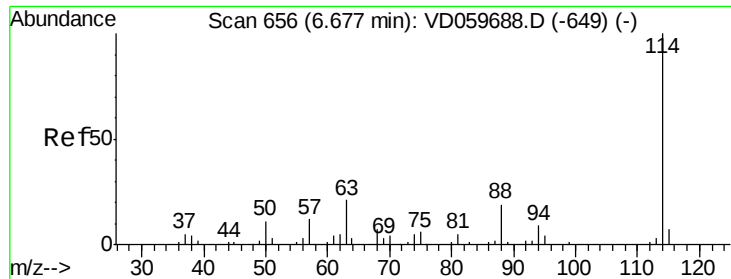
Tot Ion:168 Resp: 102091
Ion Ratio Lower Upper
168 100
99 81.6 53.4 80.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059724.D
Acq: 9 Aug 2018 19:17

Tgt Ion: 65 Resp: 106222
Ion Ratio Lower Upper
65 100
67 40.8 0.0 80.4

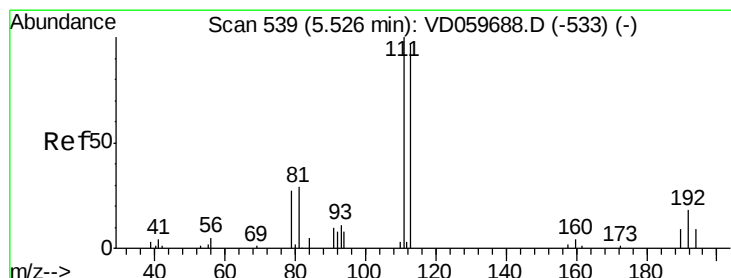
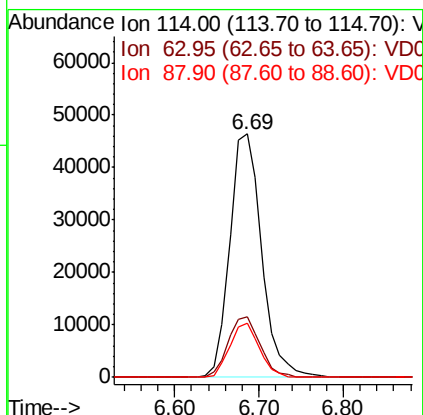
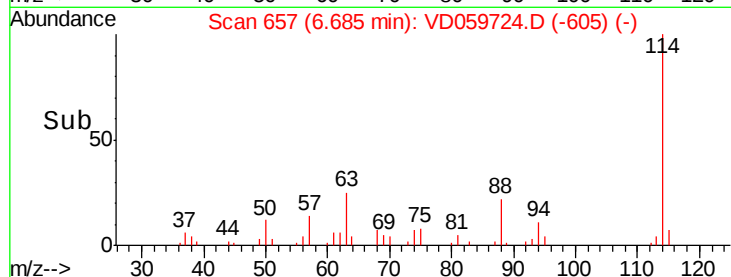
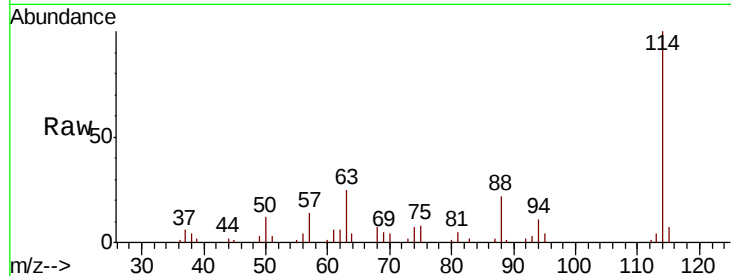




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059724.D
 Acq: 9 Aug 2018 19:17

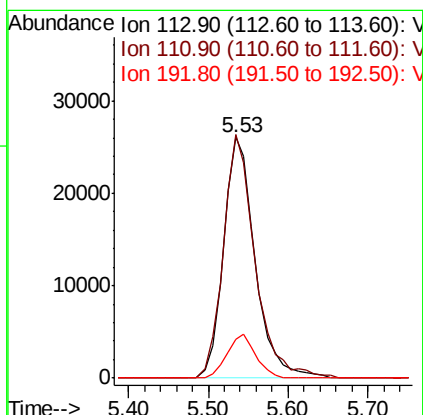
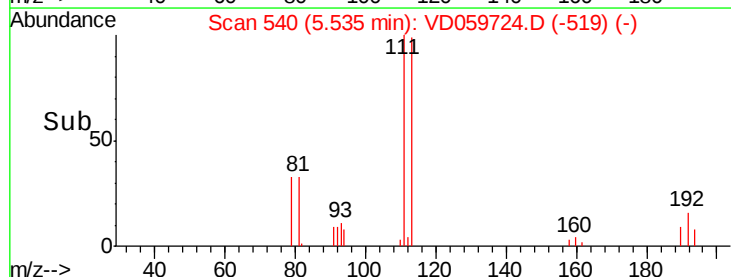
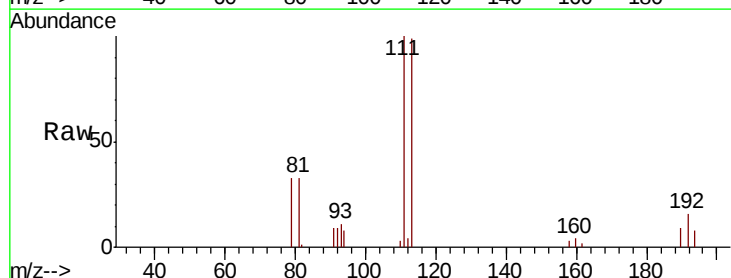
Instrument :
 MSVOA_D
 ClientSampleId :
 S-1A

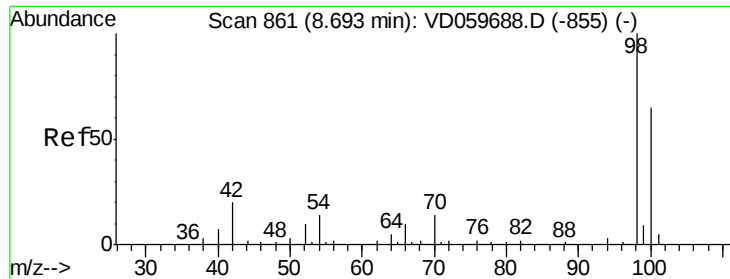
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	42.6
88	22.1	0.0	38.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VD059724.D
 Acq: 9 Aug 2018 19:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.8	124.2
192	16.3	14.6	22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 862

Delta R.T. 0.01 min

Lab File: VD059724.D

Acq: 9 Aug 2018 19:17

Instrument :

MSVOA_D

ClientSampleId :

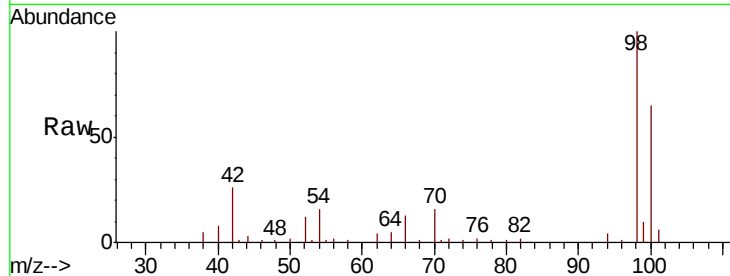
S-1A

Tot Ion: 98 Resp: 117785

Ion Ratio Lower Upper

98 100

100 64.6 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

50000

40000

30000

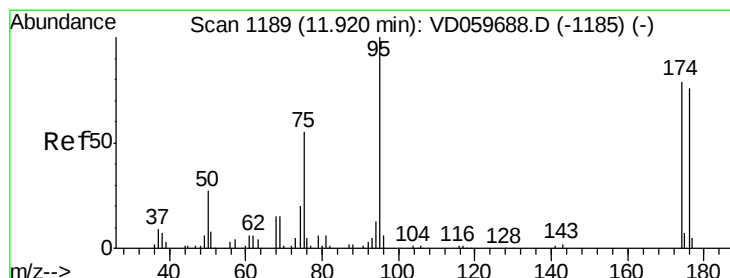
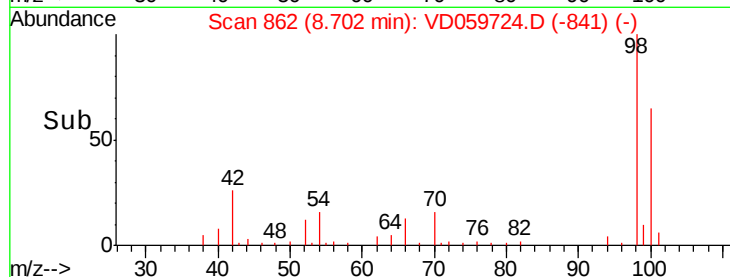
20000

10000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD059724.D

Acq: 9 Aug 2018 19:17

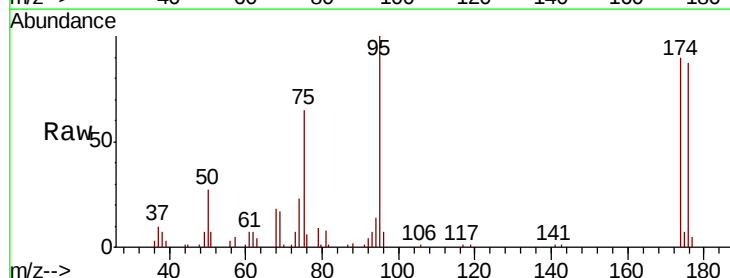
Tgt Ion: 95 Resp: 58693

Ion Ratio Lower Upper

95 100

174 90.4 0.0 158.4

176 87.3 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) (-)

11.93

50000

40000

30000

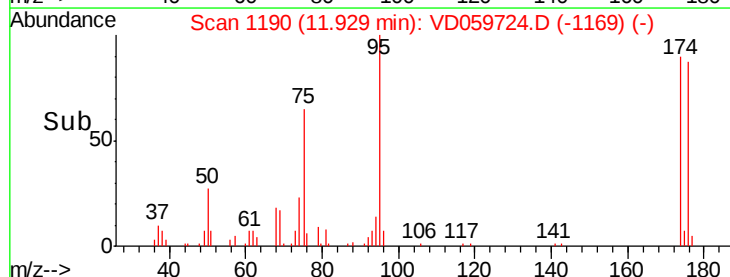
20000

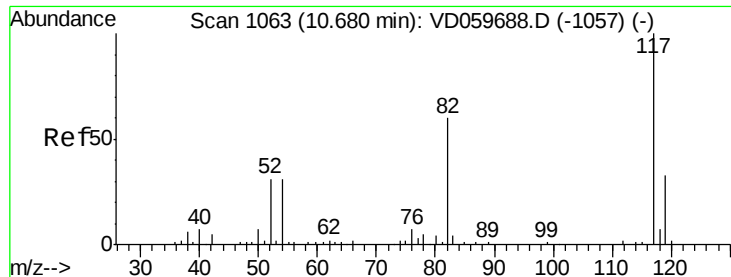
10000

0

11.85 11.90 11.95 12.00

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059724.D

Acq: 9 Aug 2018 19:17

Instrument :

MSVOA_D

ClientSampleId :

S-1A

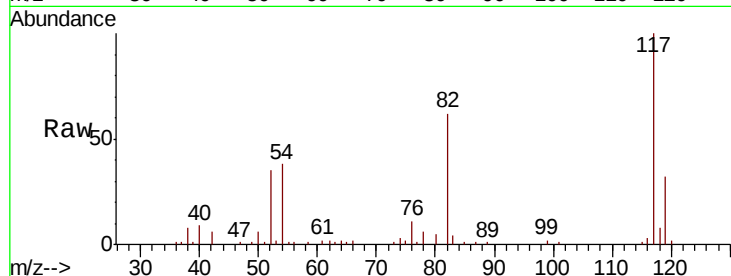
Tot Ion:117 Resp: 101490

Ion Ratio Lower Upper

117 100

82 61.8 47.7 71.5

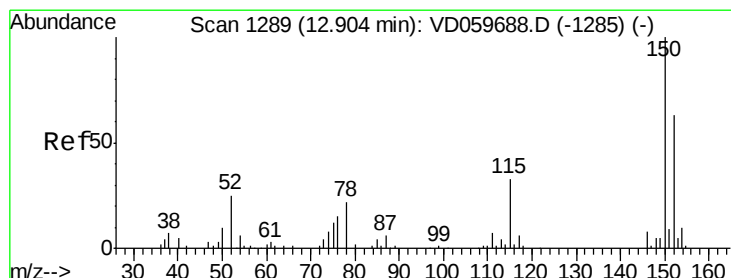
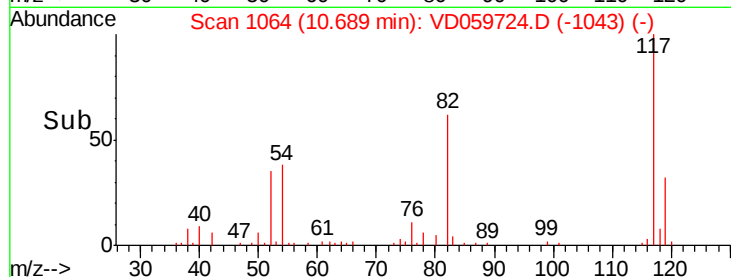
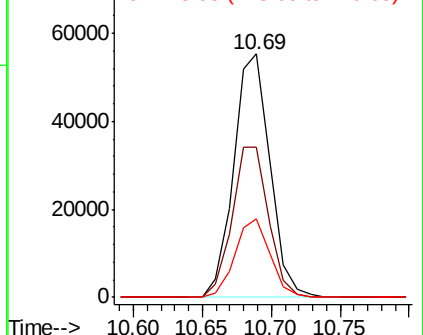
119 32.2 26.6 40.0



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# 1289

Delta R.T. -0.00 min

Lab File: VD059724.D

Acq: 9 Aug 2018 19:17

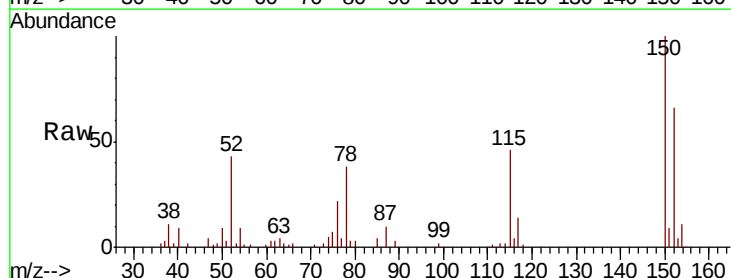
Tgt Ion:152 Resp: 55494

Ion Ratio Lower Upper

152 100

115 69.6 28.8 86.4

150 152.3 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

