

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059729.D
 Acq On : 9 Aug 2018 21:39
 Operator : VA/AP
 Sample : J4388-06
 Misc : 5.21g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3B

Quant Time: Aug 10 02:56:39 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	137841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	159972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	126737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	70752	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	114766	64.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.46%	
35) Dibromofluoromethane	5.54	113	91956	64.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.00%	
50) Toluene-d8	8.70	98	148826	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
62) 4-Bromofluorobenzene	11.93	95	78830	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	

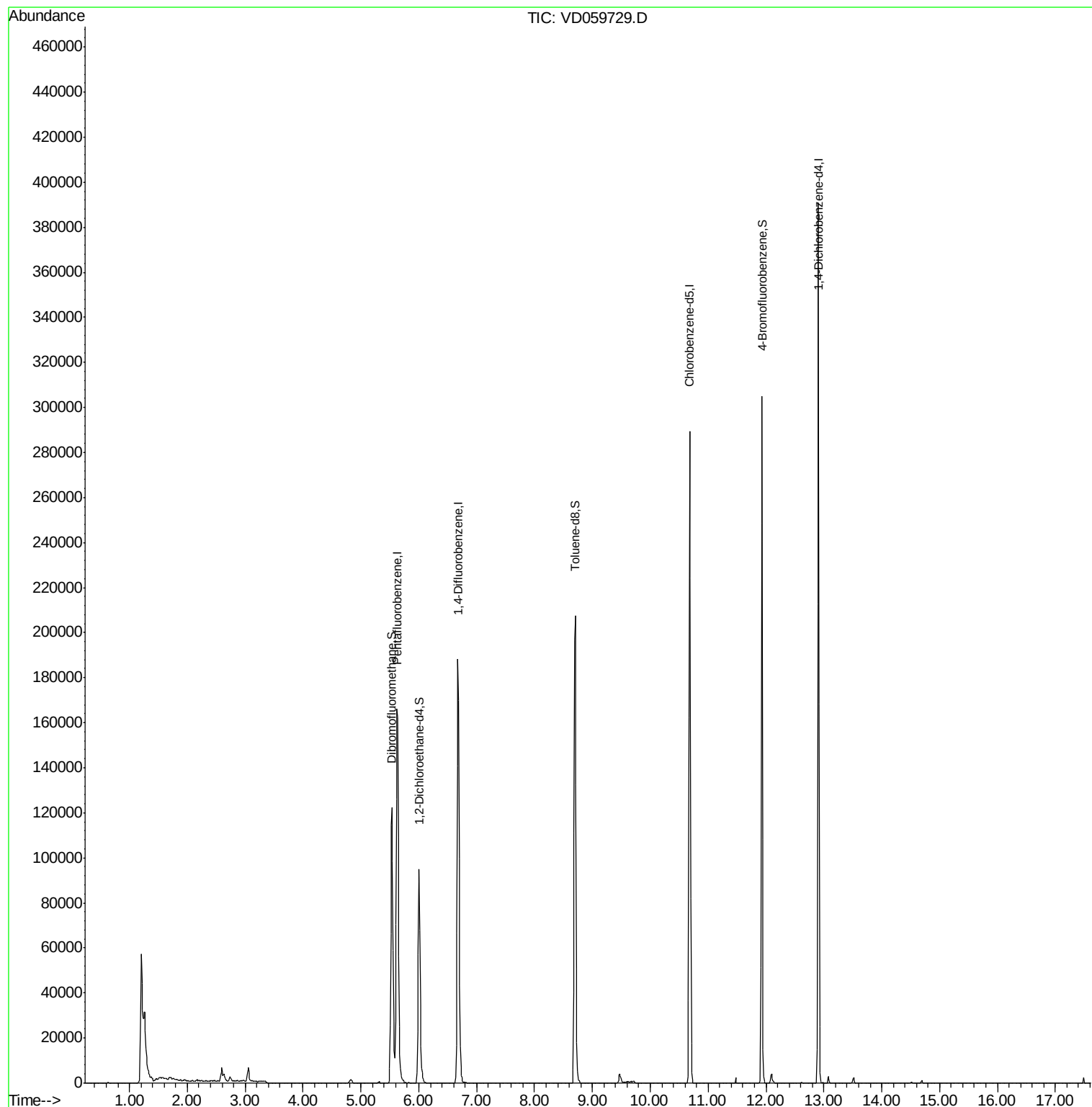
Target Compounds	Qvalue
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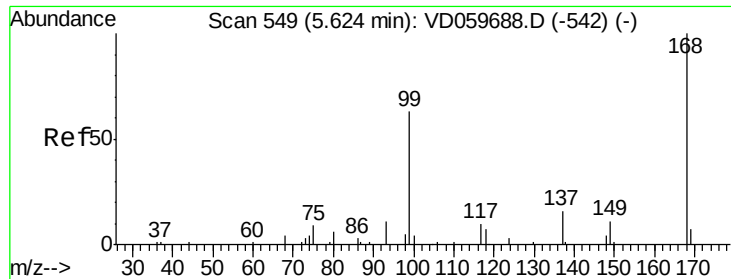
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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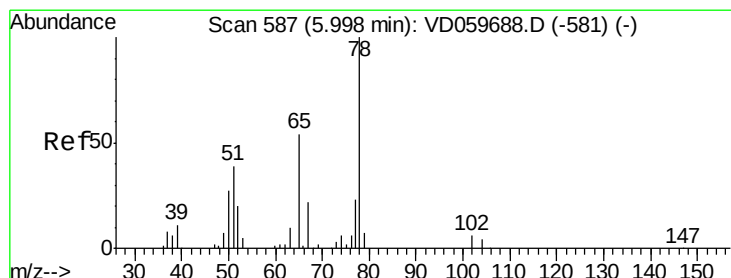
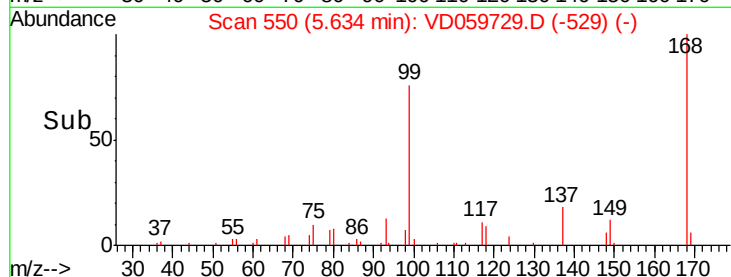
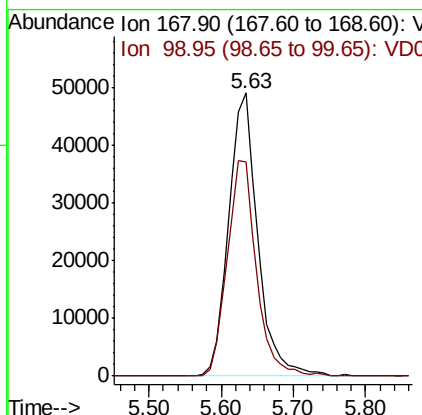
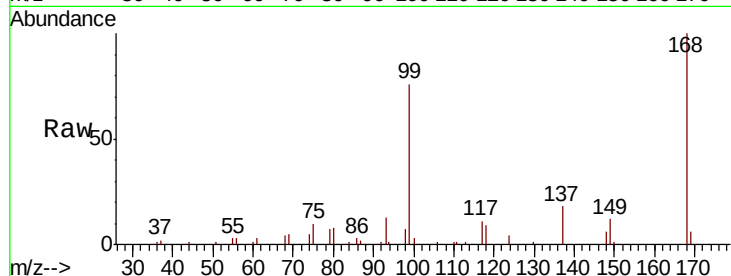




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059729.D
Acq: 9 Aug 2018 21:39

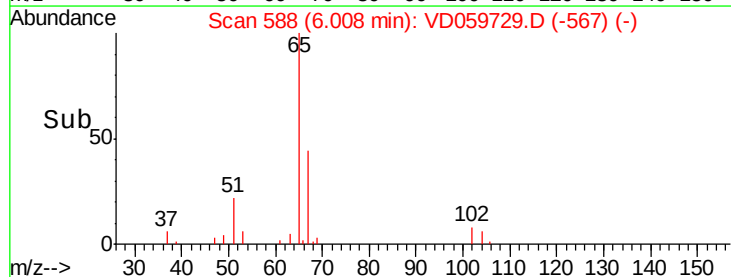
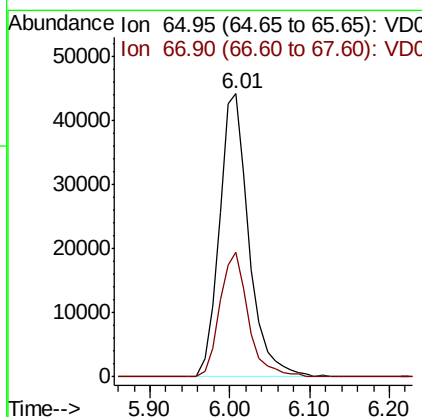
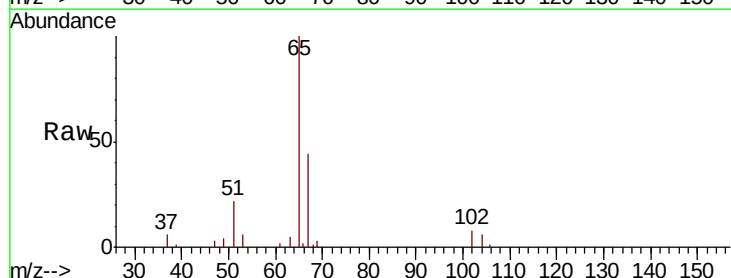
Instrument :
MSVOA_D
ClientSampled :
S-3B

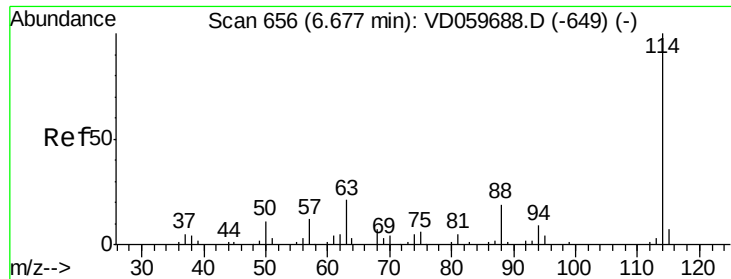
Tot Ion:168 Resp: 137841
Ion Ratio Lower Upper
168 100
99 75.7 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059729.D
Acq: 9 Aug 2018 21:39

Tgt Ion: 65 Resp: 114766
Ion Ratio Lower Upper
65 100
67 44.0 0.0 80.4

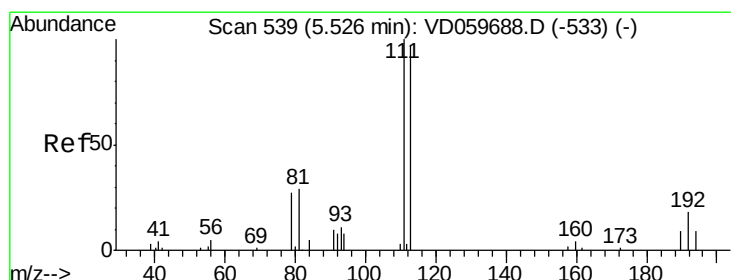
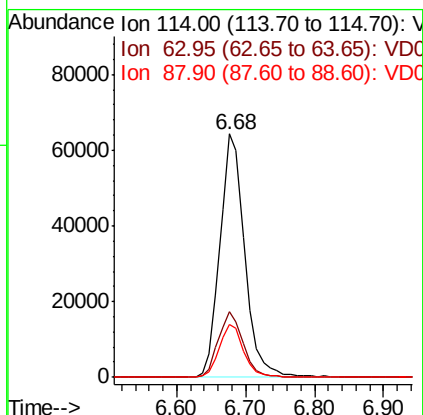
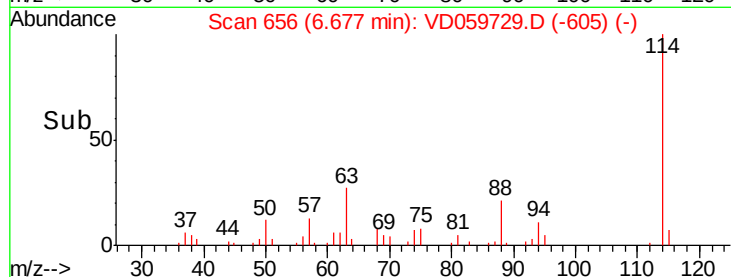
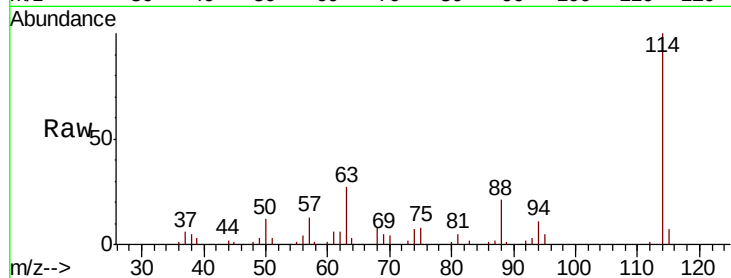




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VD059729.D
 Acq: 9 Aug 2018 21:39

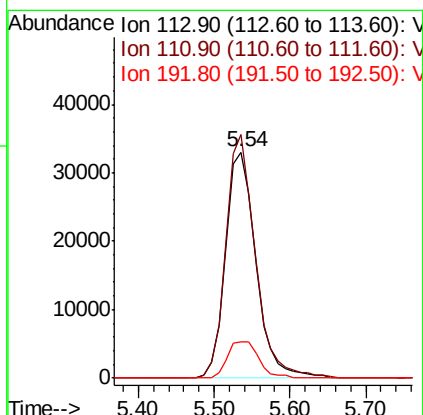
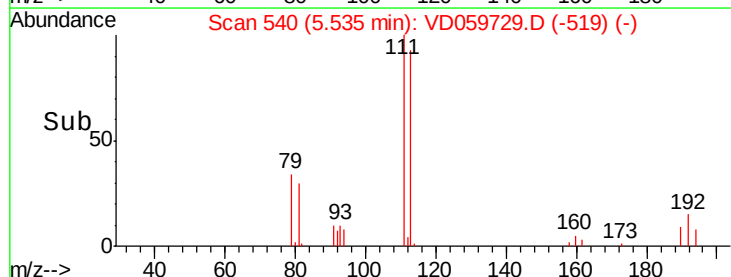
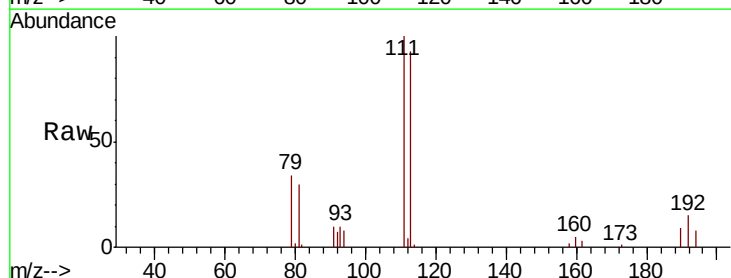
Instrument :
 MSVOA_D
 ClientSampleId :
 S-3B

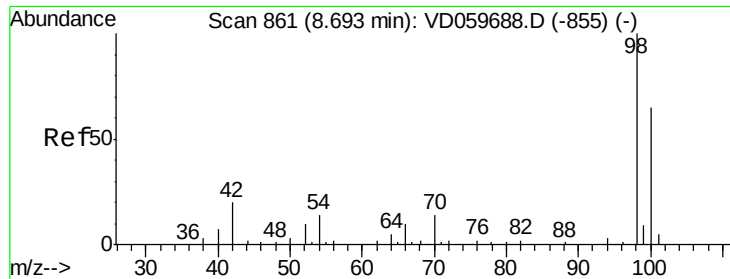
Tot Ion:114 Resp: 159972
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 42.6
 88 21.5 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VD059729.D
 Acq: 9 Aug 2018 21:39

Tgt Ion:113 Resp: 91956
 Ion Ratio Lower Upper
 113 100
 111 107.6 82.8 124.2
 192 16.1 14.6 22.0

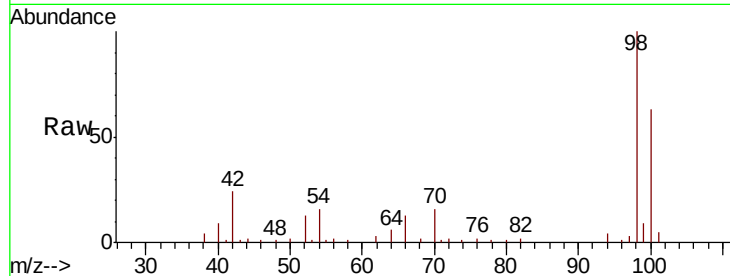




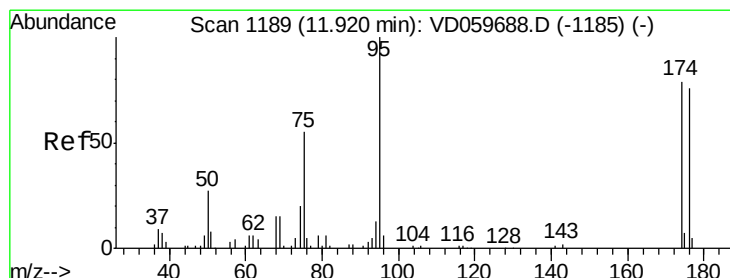
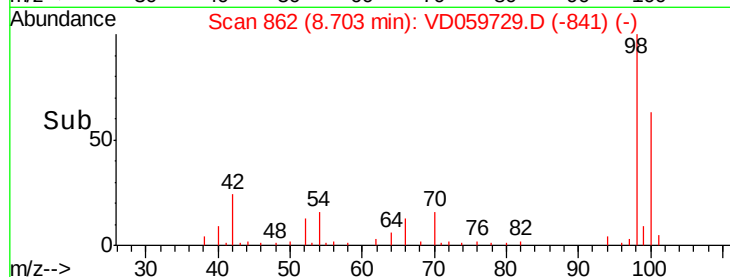
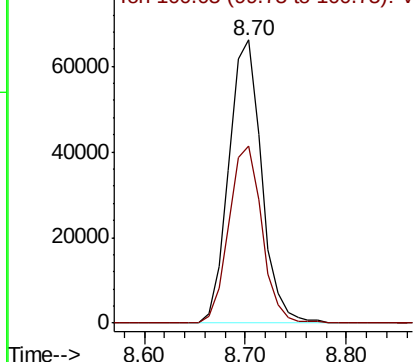
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059729.D
Acq: 9 Aug 2018 21:39

Instrument :
MSVOA_D
ClientSampled :
S-3B

Tot Ion: 98 Resp: 148826
Ion Ratio Lower Upper
98 100
100 62.5 52.5 78.7

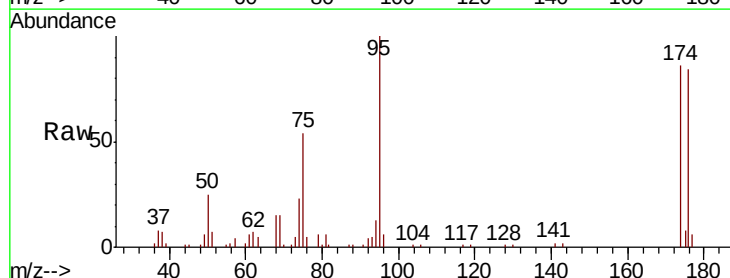


Abundance Ion 98.05 (97.75 to 98.75): VD059729.D (-841) (-)
Ion 100.05 (99.75 to 100.75): VD059729.D (-841) (-)

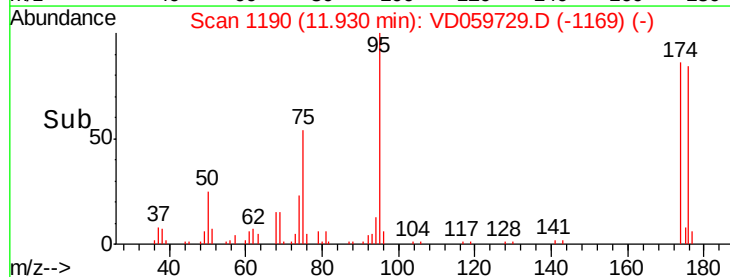
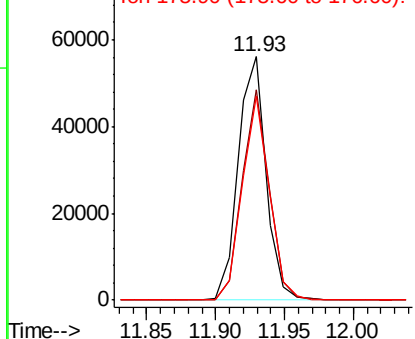


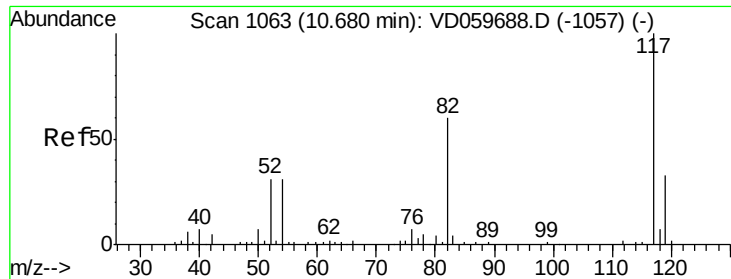
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059729.D
Acq: 9 Aug 2018 21:39

Tgt Ion: 95 Resp: 78830
Ion Ratio Lower Upper
95 100
174 86.4 0.0 158.4
176 83.5 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VD059729.D (-1169) (-)
Ion 173.90 (173.60 to 174.60): VD059729.D (-1169) (-)
Ion 175.90 (175.60 to 176.60): VD059729.D (-1169) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.68 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD059729.D

Acq: 9 Aug 2018 21:39

Instrument :

MSVOA_D

ClientSampleID :

S-3B

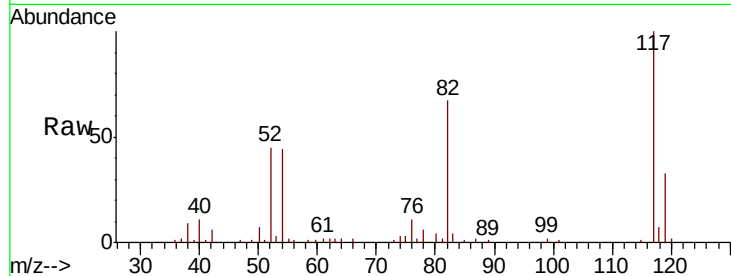
Tot Ion:117 Resp: 126737

Ion Ratio Lower Upper

117 100

82 67.4 47.7 71.5

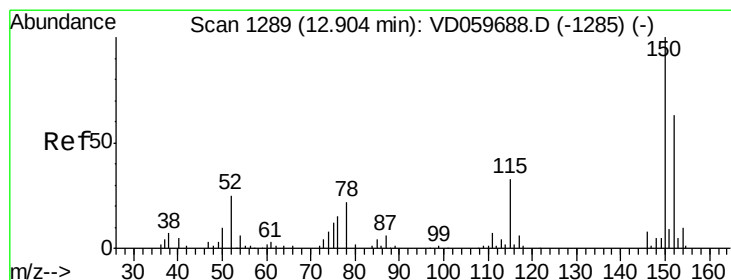
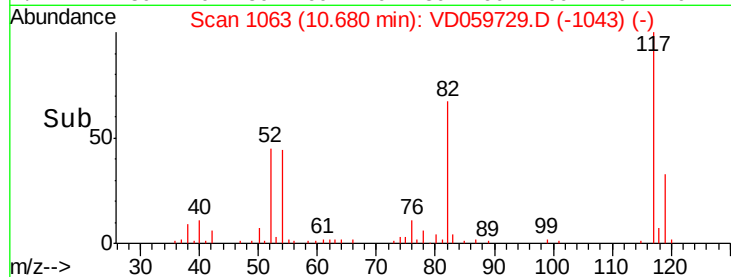
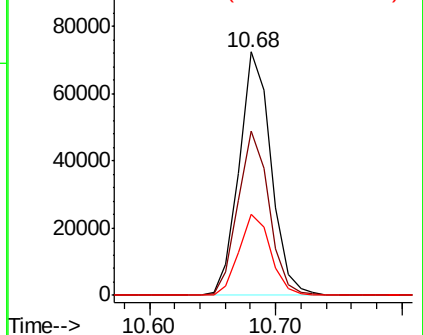
119 33.3 26.6 40.0



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: VD059729.D

Acq: 9 Aug 2018 21:39

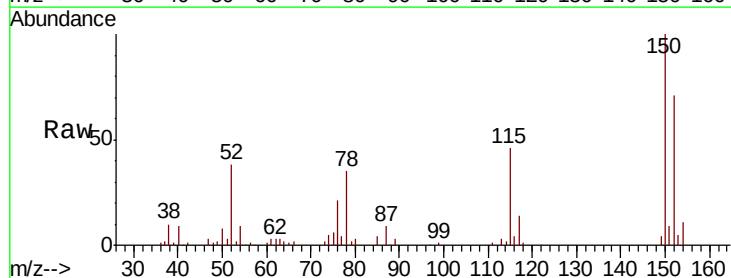
Tgt Ion:152 Resp: 70752

Ion Ratio Lower Upper

152 100

115 65.6 28.8 86.4

150 141.7 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

