

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059626.D
 Acq On : 30 Jul 2018 18:44
 Operator : VA/AP
 Sample : VD0730SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 31 05:45:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	150487	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.66	114	183106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	147835	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	81066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	97350	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.51	113	86673	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
50) Toluene-d8	8.68	98	179192	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.92	95	82928	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

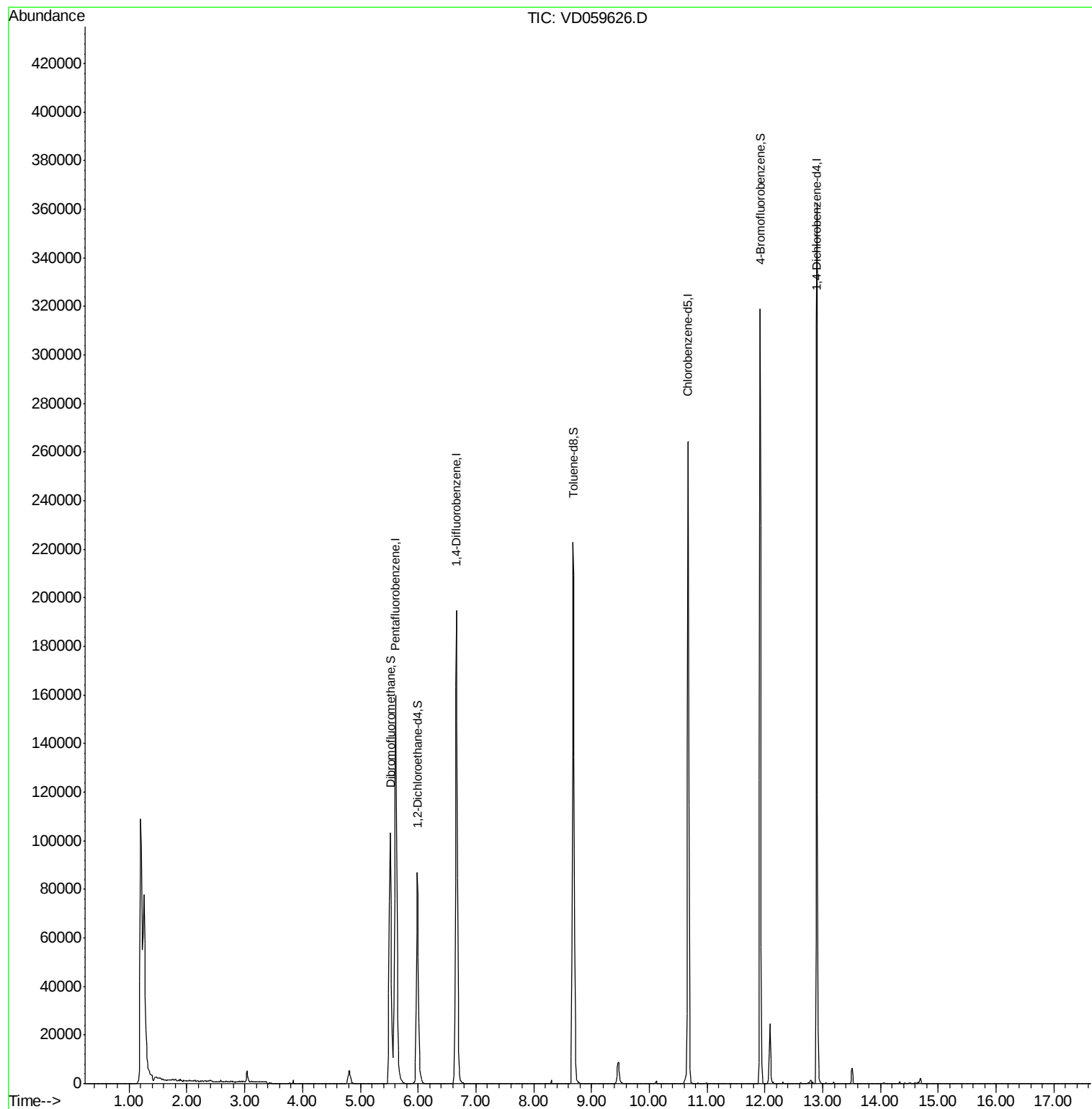
Target Compounds	Qvalue

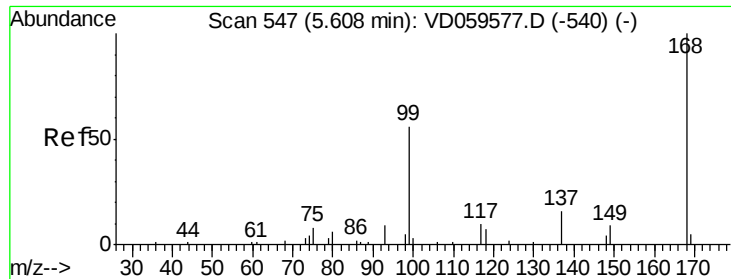
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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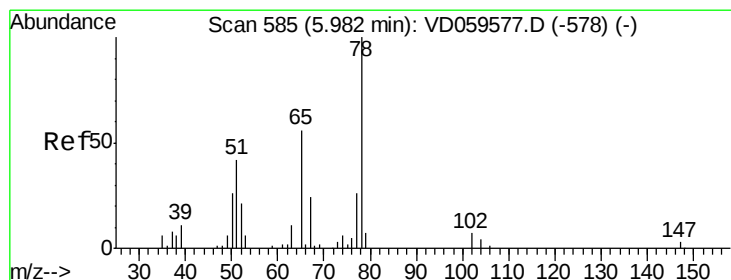
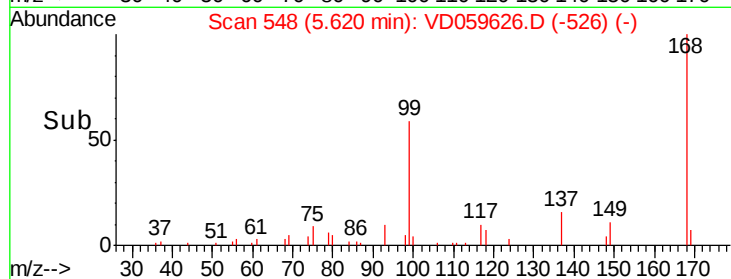
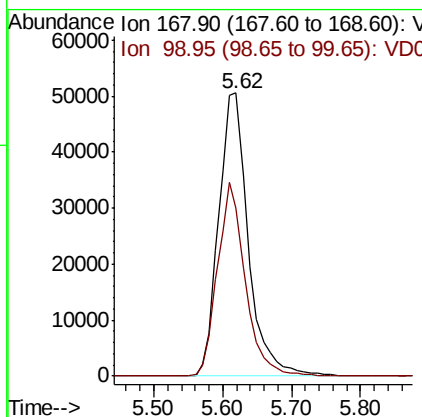
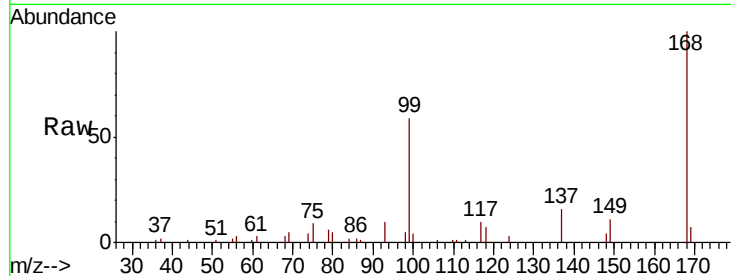




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

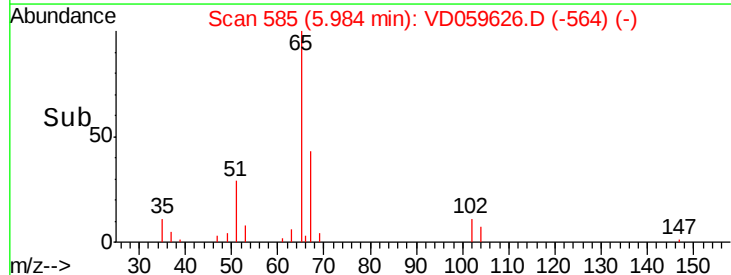
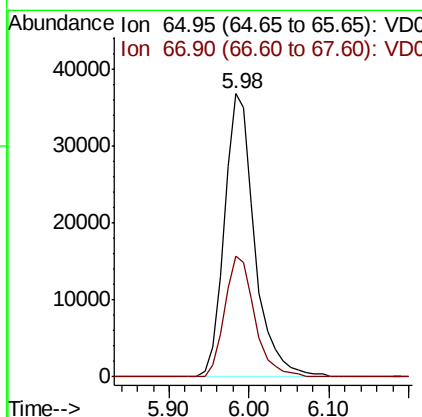
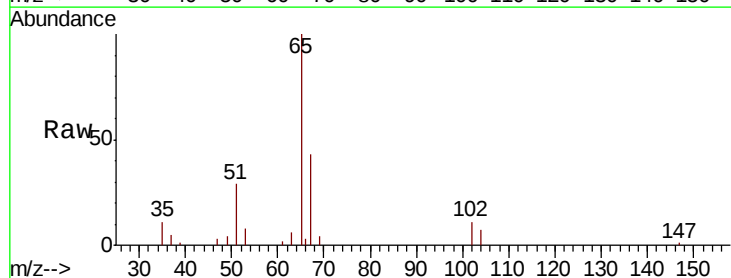
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

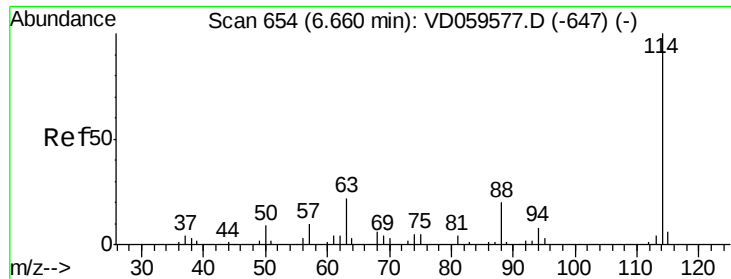
Tot Ion:168 Resp: 150487
Ion Ratio Lower Upper
168 100
99 59.3 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.98 min Scan# 585
Delta R.T. 0.00 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

Tgt Ion: 65 Resp: 97350
Ion Ratio Lower Upper
65 100
67 42.5 0.0 86.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.66 min Scan# 654

Delta R.T. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

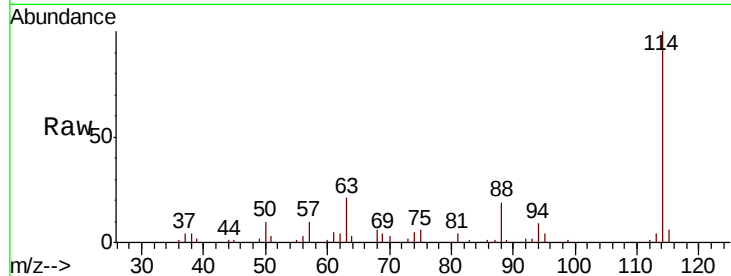
Tot Ion:114 Resp: 183106

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

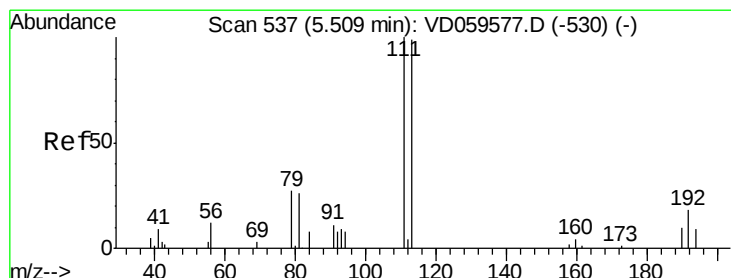
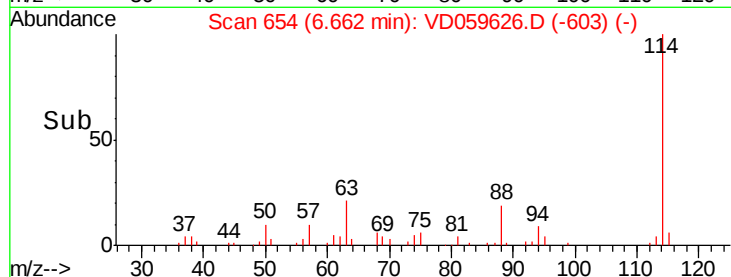
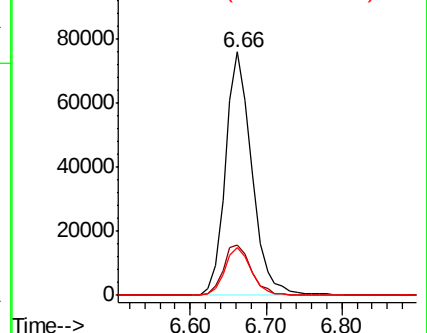
88 19.4 0.0 39.0



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: VD059626.D

Acq: 30 Jul 2018 18:44

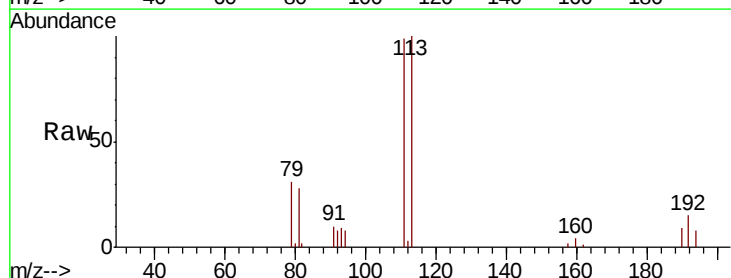
Tgt Ion:113 Resp: 86673

Ion Ratio Lower Upper

113 100

111 99.5 80.5 120.7

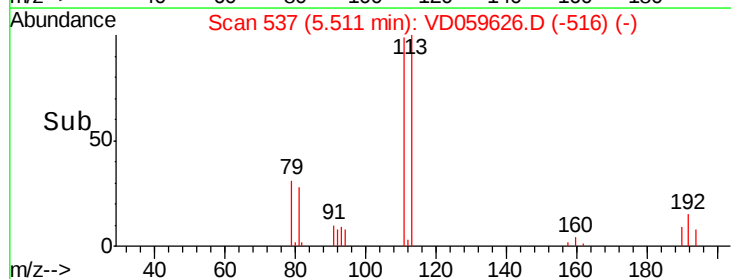
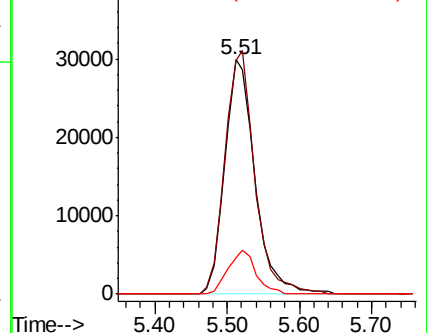
192 15.4 14.5 21.7

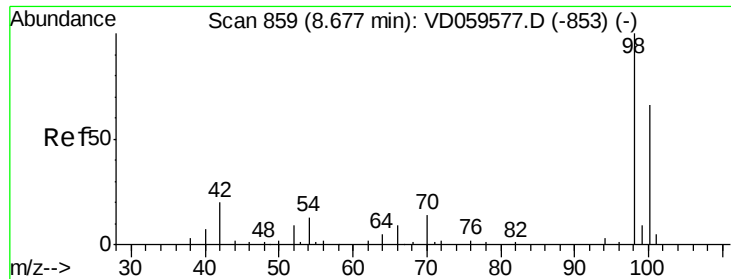


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

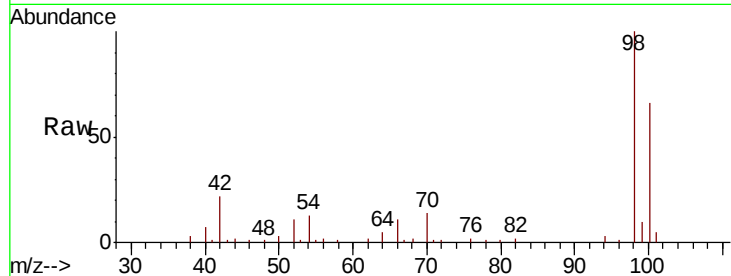




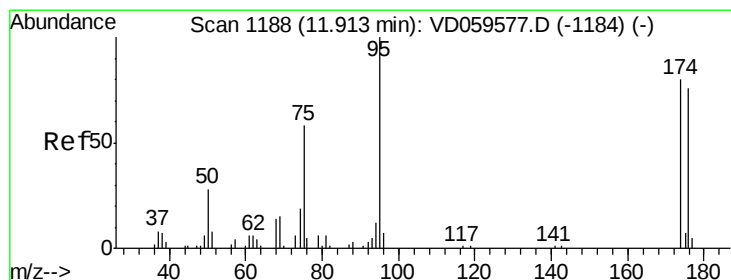
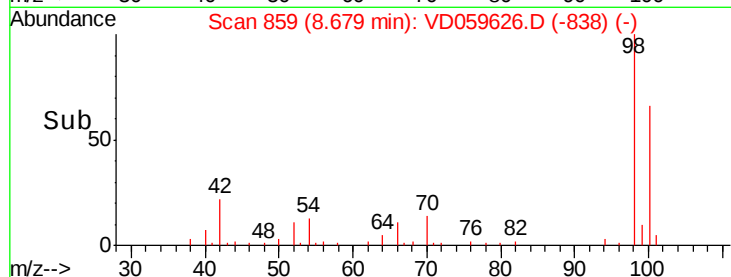
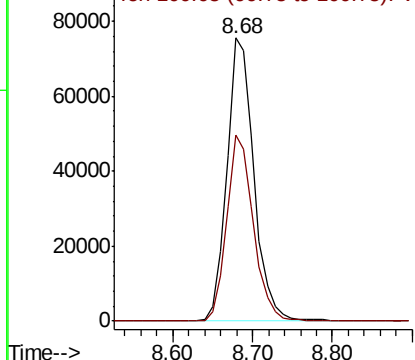
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.00 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion: 98 Resp: 179192
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

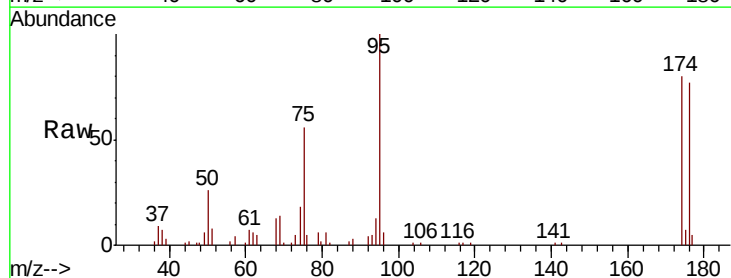


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

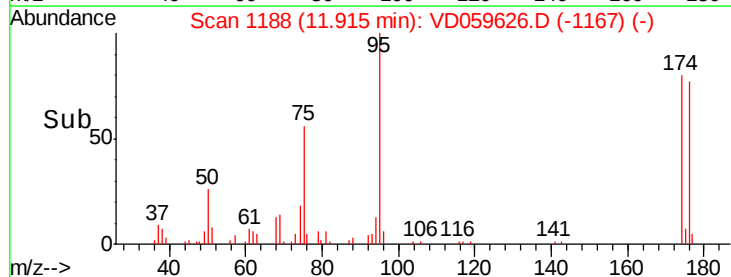
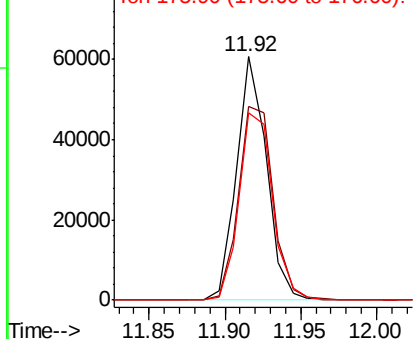


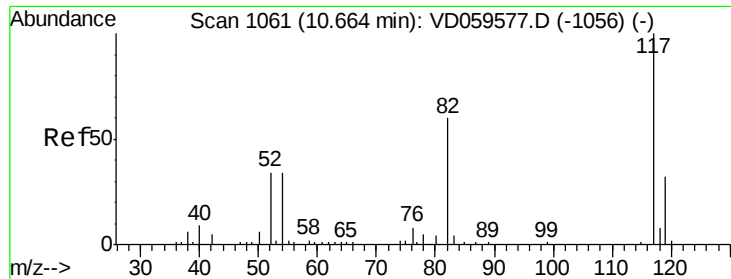
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VD059626.D
Acq: 30 Jul 2018 18:44

Tgt Ion: 95 Resp: 82928
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.6
176 77.1 0.0 152.8



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. 0.01 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

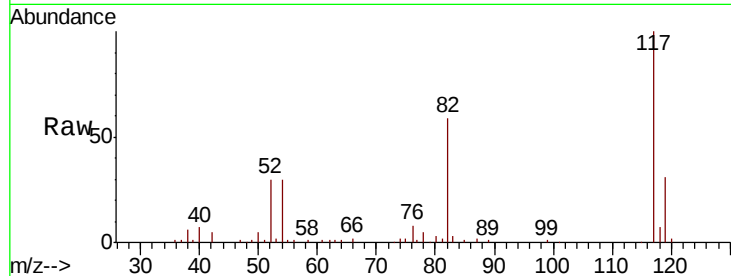
Tot Ion:117 Resp: 147835

Ion Ratio Lower Upper

117 100

82 58.5 48.2 72.2

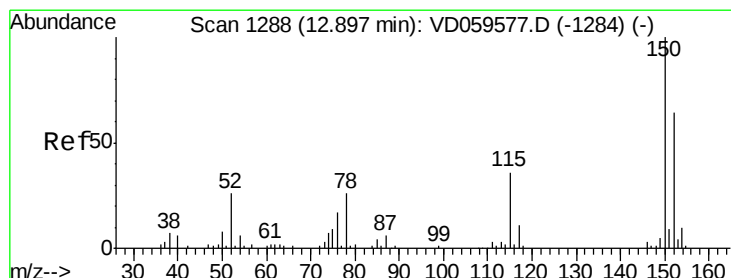
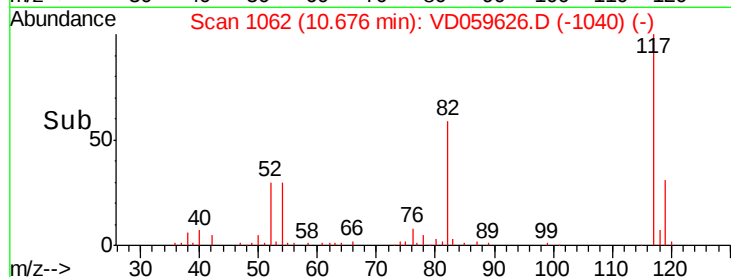
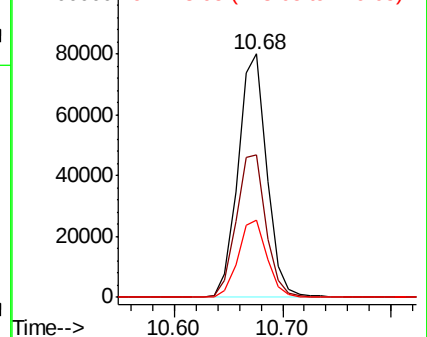
119 31.5 25.4 38.2



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. 0.00 min

Lab File: VD059626.D

Acq: 30 Jul 2018 18:44

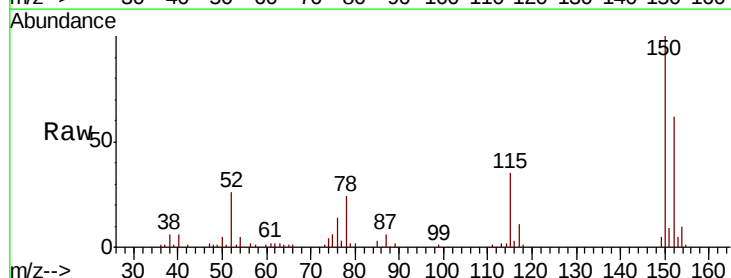
Tgt Ion:152 Resp: 81066

Ion Ratio Lower Upper

152 100

115 55.9 29.5 88.6

150 162.0 0.0 314.4



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

