

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059659.D
 Acq On : 31 Jul 2018 17:50
 Operator : VA/AP
 Sample : J4237-04
 Misc : 8.67g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-023-B

Quant Time: Aug 01 06:55:44 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	5.61	168	118505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	156487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	124936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	59960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	91700	61.55	ug/l	0.00
Spiked Amount			Recovery	=	123.10%	
35) Dibromofluoromethane	5.52	113	78186	58.24	ug/l	0.00
Spiked Amount			Recovery	=	116.48%	
50) Toluene-d8	8.68	98	150464	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.92	95	67010	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	

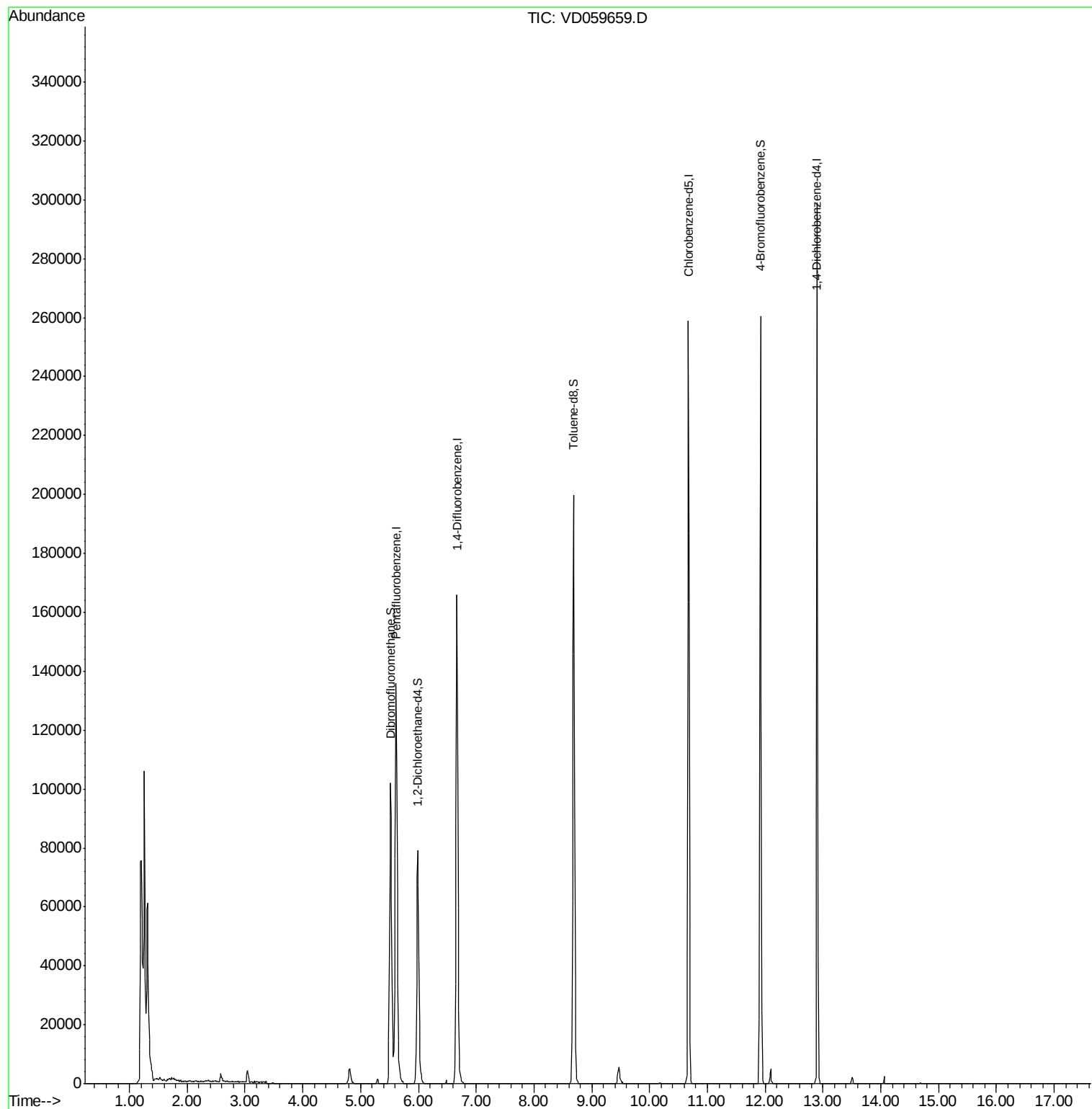
Target Compounds	Qvalue
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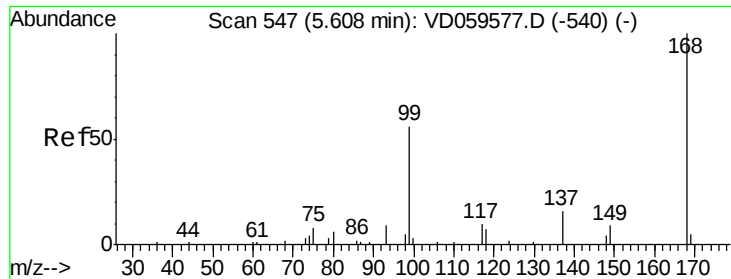
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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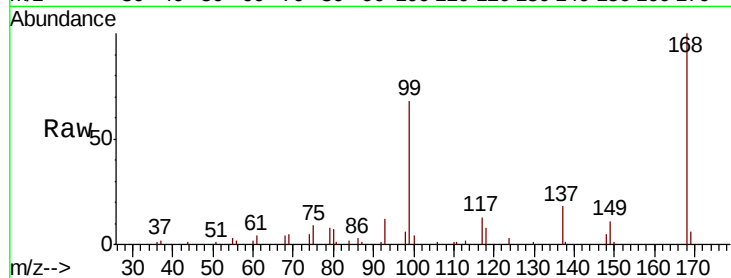




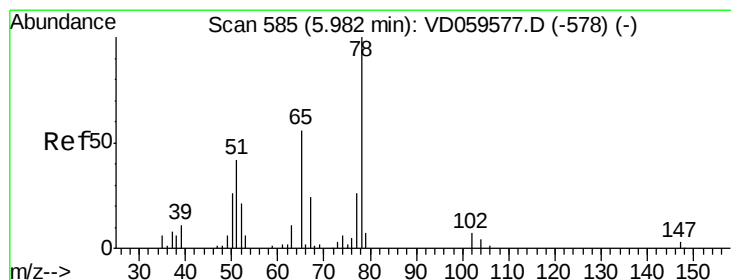
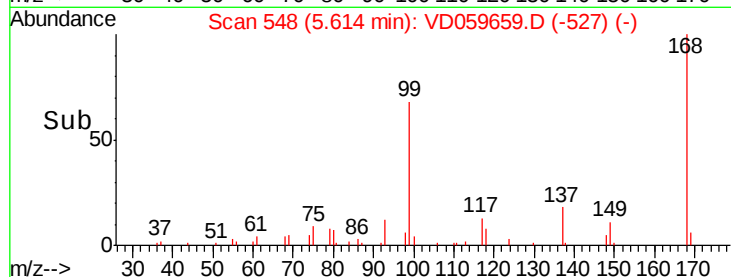
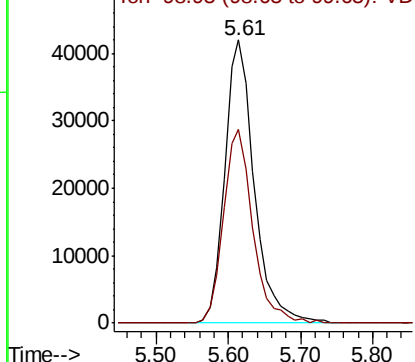
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 548
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-023-B

Tot Ion:168 Resp: 118505
Ion Ratio Lower Upper
168 100
99 68.3 47.3 70.9

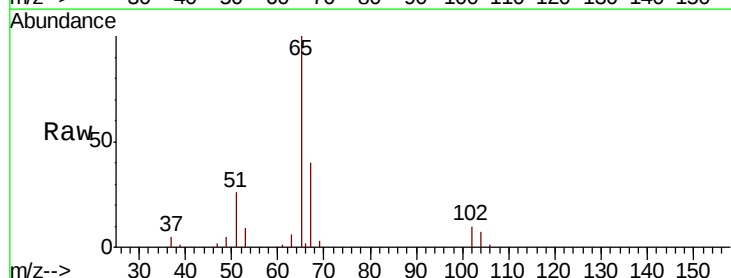


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

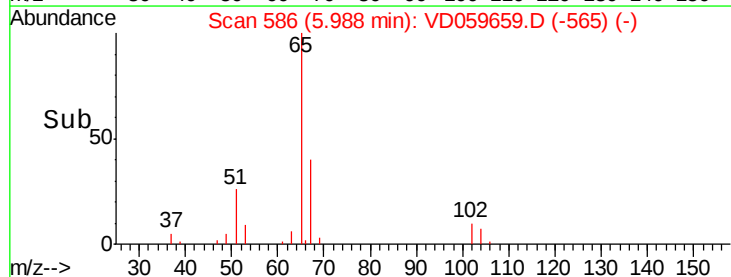
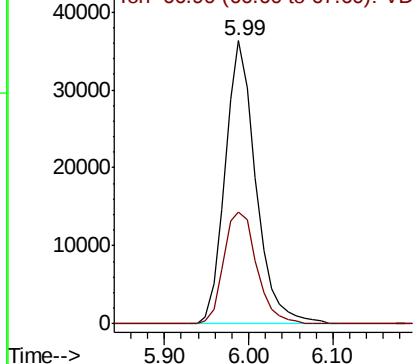


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion: 65 Resp: 91700
Ion Ratio Lower Upper
65 100
67 39.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-023-B

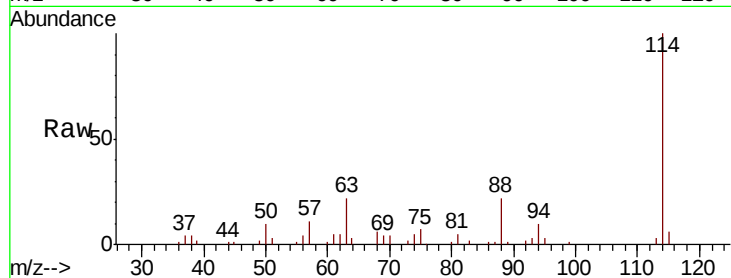
Tot Ion:114 Resp: 156487

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

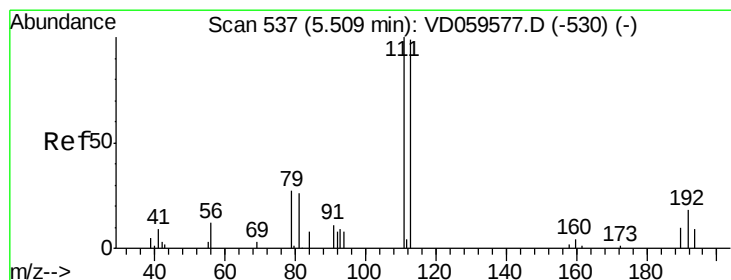
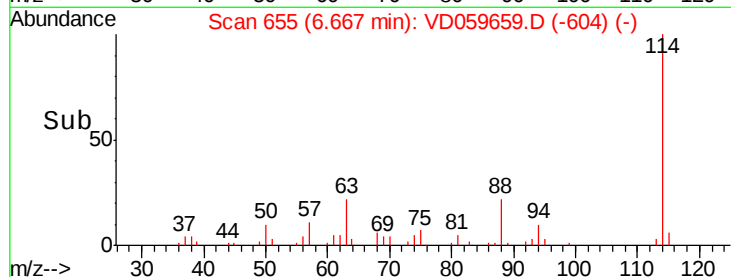
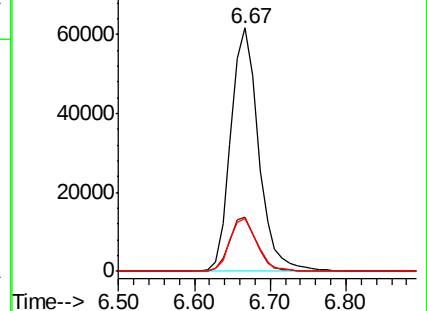
88 21.6 0.0 39.0



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: 50.000 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059659.D

Acq: 31 Jul 2018 17:50

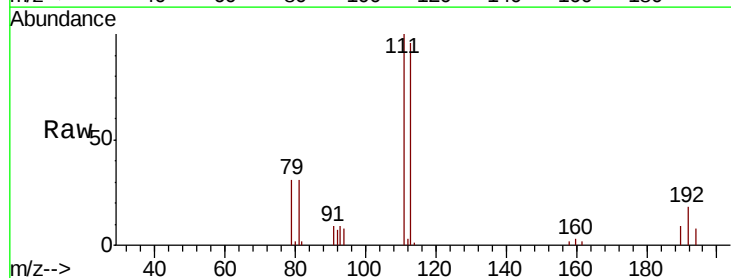
Tgt Ion:113 Resp: 78186

Ion Ratio Lower Upper

113 100

111 103.8 80.5 120.7

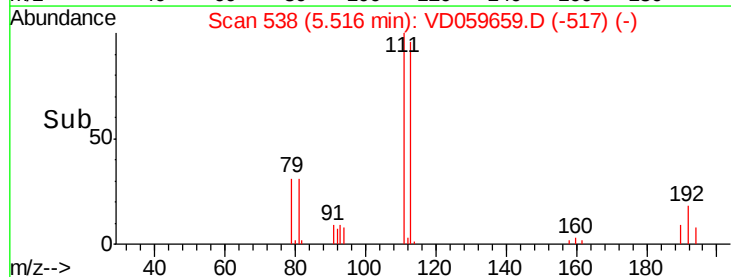
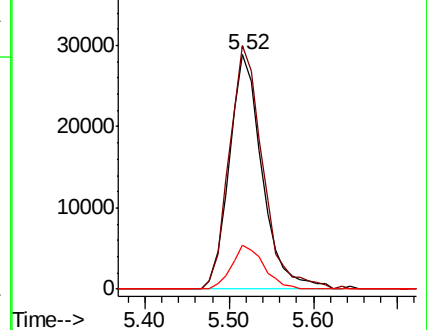
192 18.6 14.5 21.7

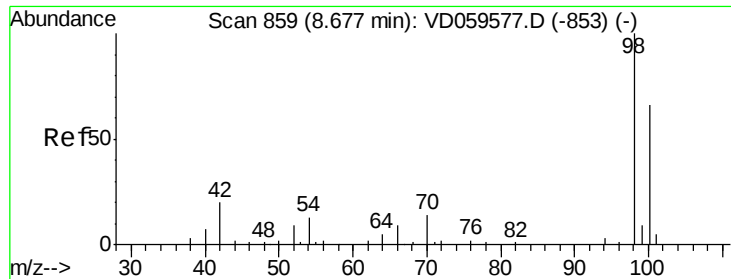


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

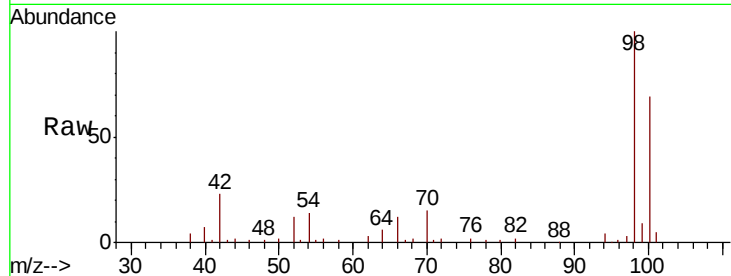




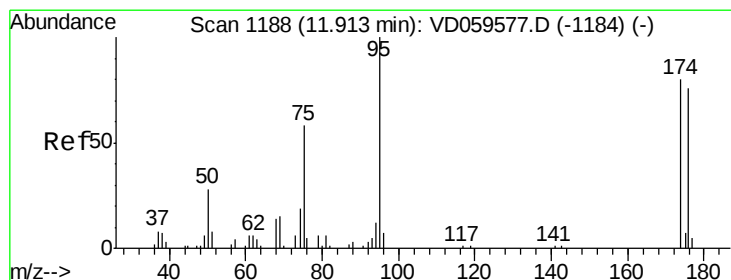
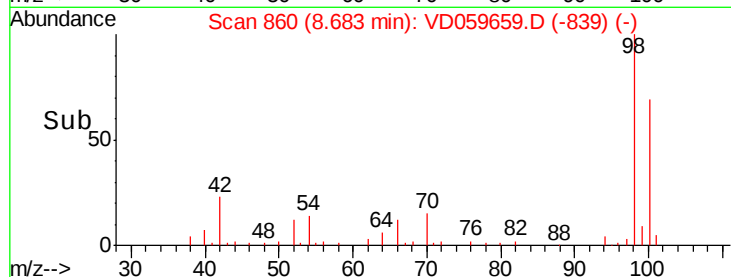
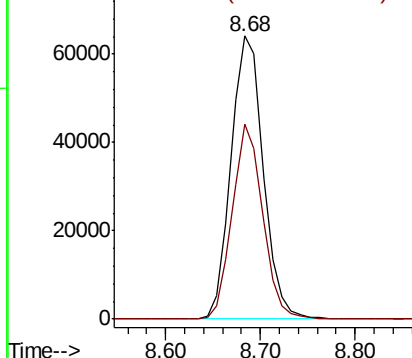
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-023-B

Tot Ion: 98 Resp: 150464
Ion Ratio Lower Upper
98 100
100 69.1 53.2 79.8

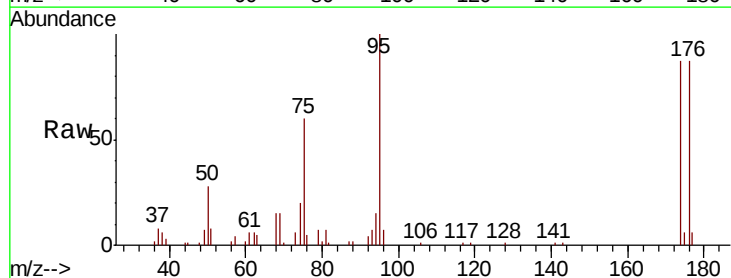


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

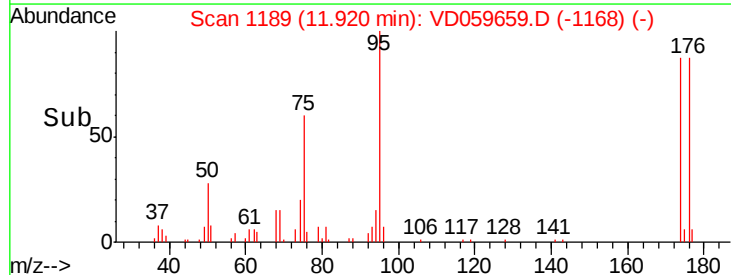
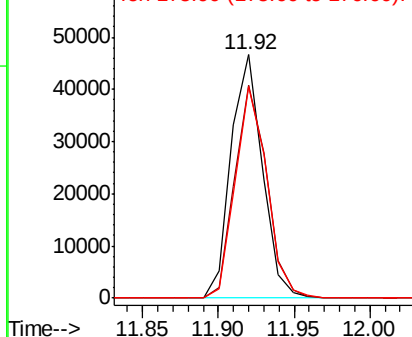


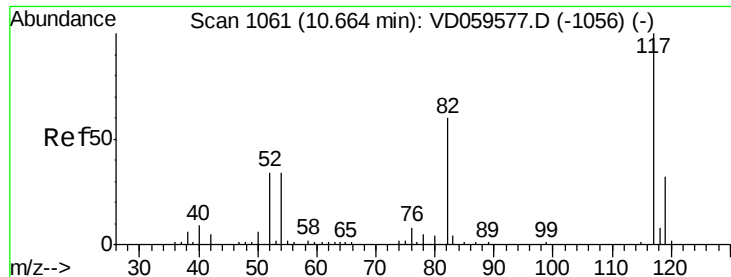
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion: 95 Resp: 67010
Ion Ratio Lower Upper
95 100
174 87.5 0.0 160.6
176 86.7 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

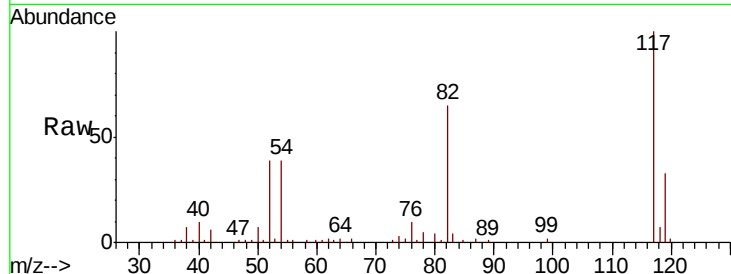




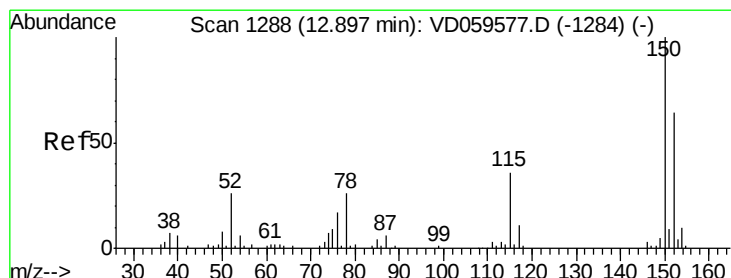
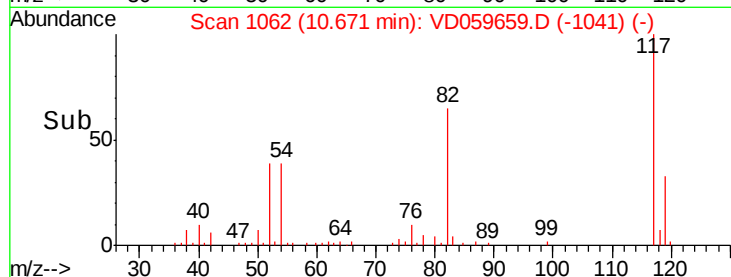
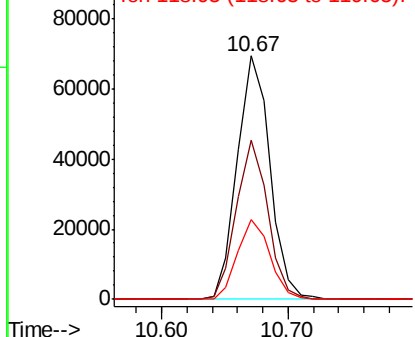
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-023-B

Tot Ion:117 Resp: 124936
Ion Ratio Lower Upper
117 100
82 65.4 48.2 72.2
119 32.9 25.4 38.2

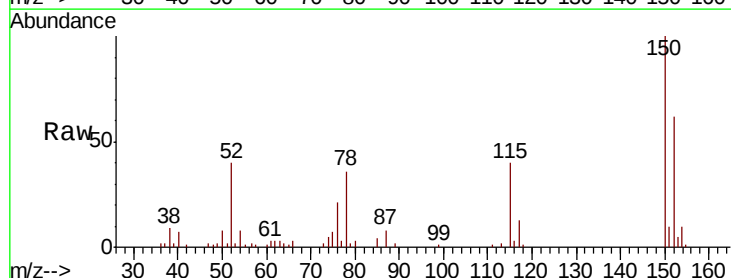


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD059659.D
Acq: 31 Jul 2018 17:50

Tgt Ion:152 Resp: 59960
Ion Ratio Lower Upper
152 100
115 64.5 29.5 88.6
150 160.2 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

