

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059665.D
 Acq On : 31 Jul 2018 20:45
 Operator : VA/AP
 Sample : J4228-02RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.SW(8.0)-2ARE

Quant Time: Aug 01 07:10:02 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	3937	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	7515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	6725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	4828	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	6444	130.20	ug/l	0.02
Spiked Amount	50.000		Recovery	=	260.40%	
35) Dibromofluoromethane	5.52	113	3451	53.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	8.69	98	7869	53.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	11.92	95	3978	60.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.78%	

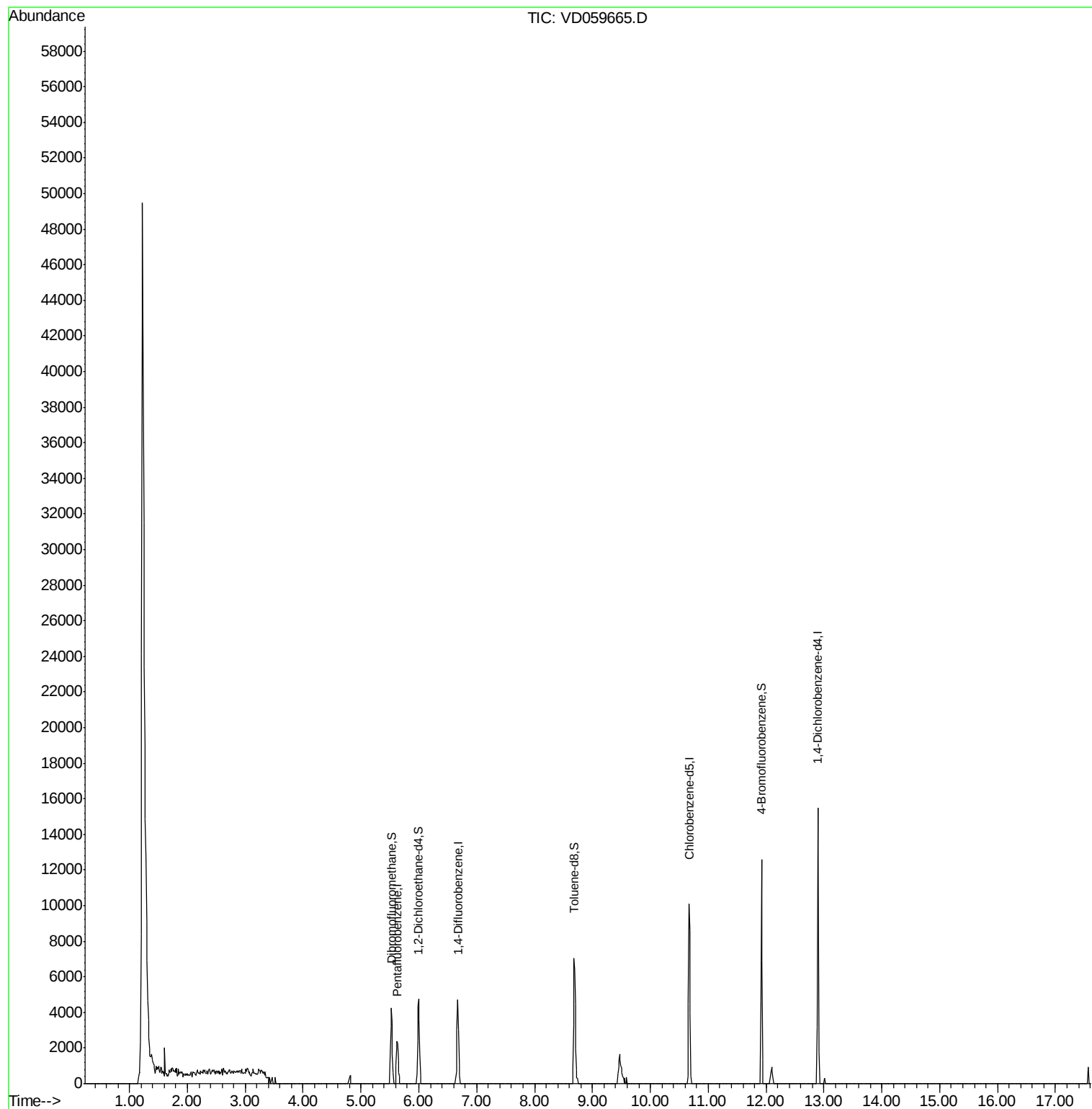
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 549

Delta R.T. 0.02 min

Lab File: VD059665.D

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Instrument :

MSVOA_D

ClientSampleId :

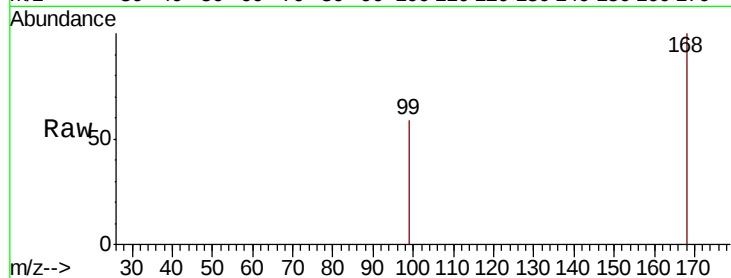
G.L.SW(8.0)-2ARE

Tot Ion:168 Resp: 3937

Ion Ratio Lower Upper

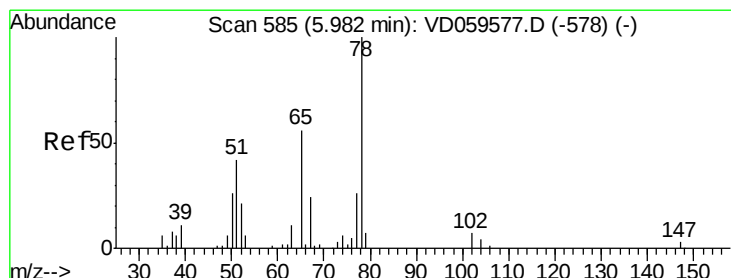
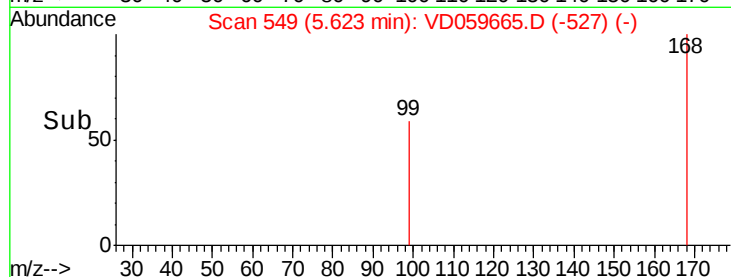
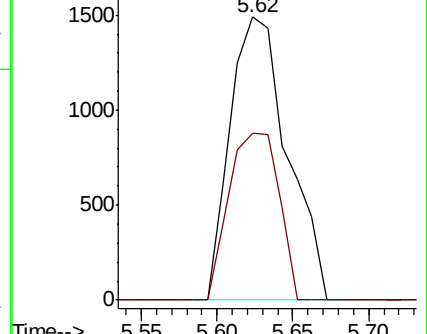
168 100

99 58.9 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: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059665.D

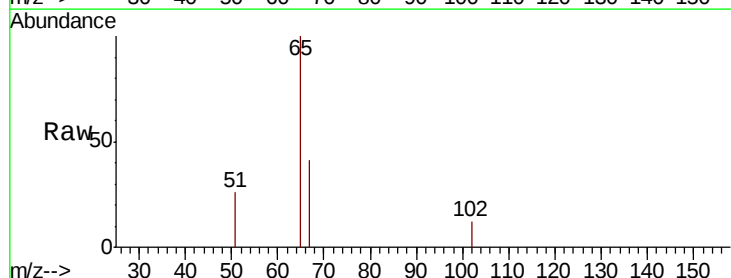
Acq: 31 Jul 2018 20:45

Tgt Ion: 65 Resp: 6444

Ion Ratio Lower Upper

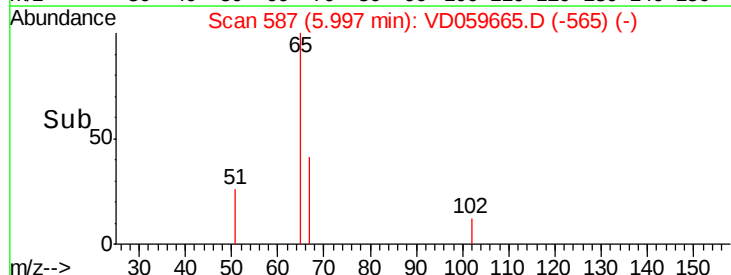
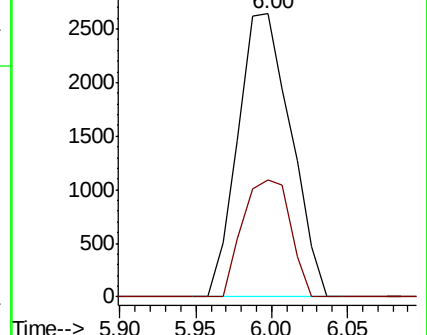
65 100

67 41.5 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

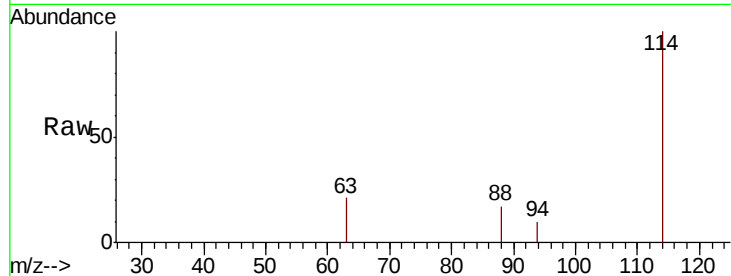




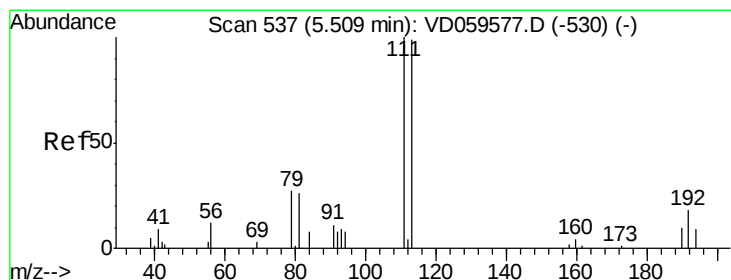
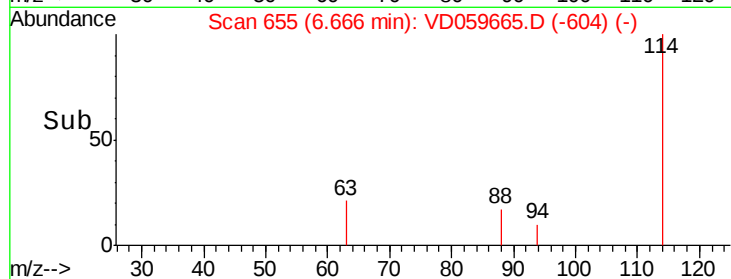
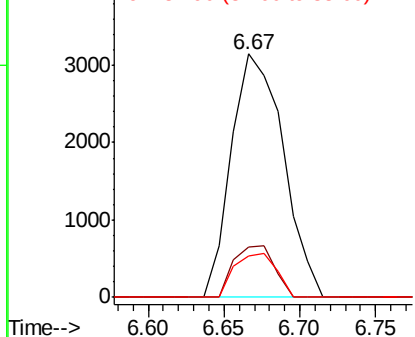
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059665.D
 Acq: 31 Jul 2018 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 G.L.SW(8.0)-2ARE

Tot Ion:114 Resp: 7515
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.8
 88 17.1 0.0 39.0

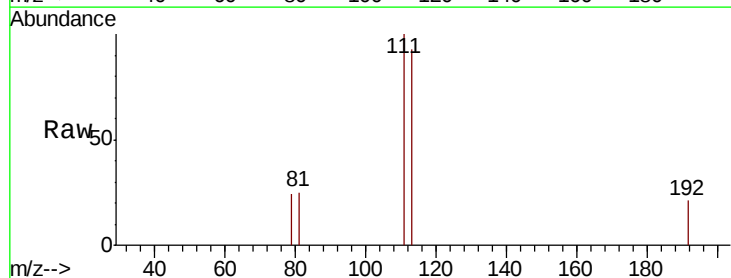


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

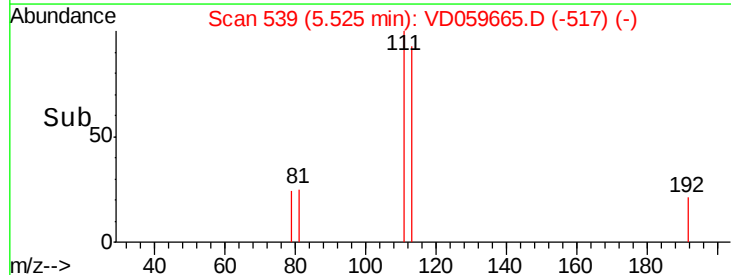
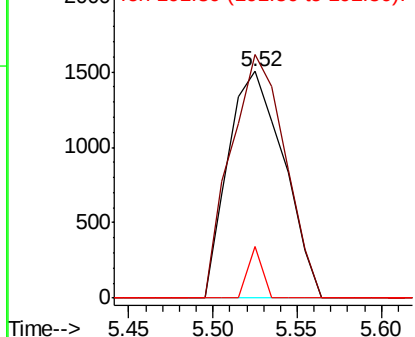


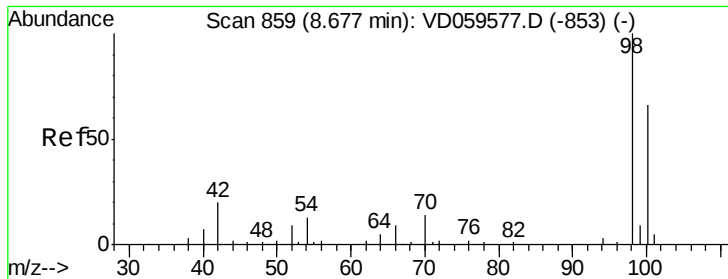
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059665.D
 Acq: 31 Jul 2018 20:45

Tgt Ion:113 Resp: 3451
 Ion Ratio Lower Upper
 113 100
 111 107.5 80.5 120.7
 192 22.6 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

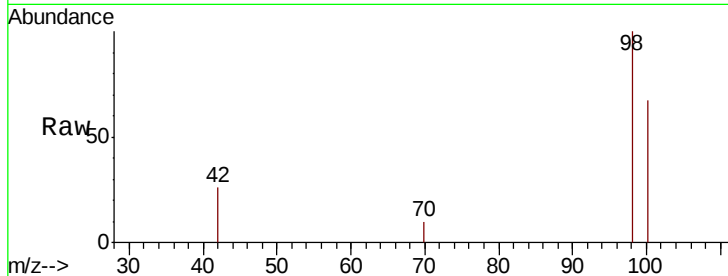




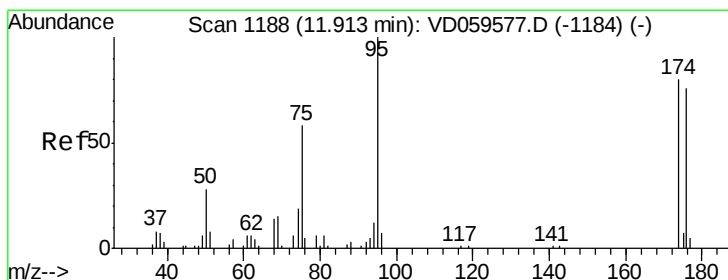
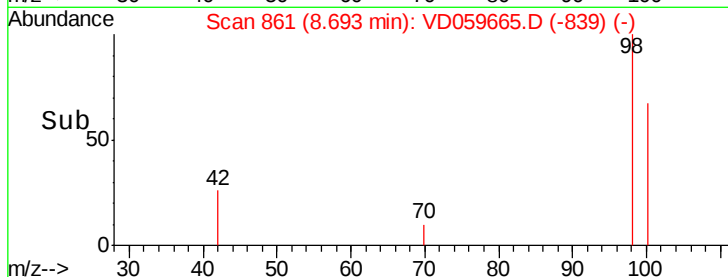
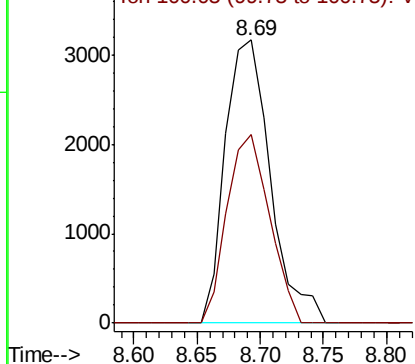
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059665.D
Acq: 31 Jul 2018 20:45

Instrument :
MSVOA_D
ClientSampleId :
G.L.SW(8.0)-2ARE

Tot Ion: 98 Resp: 7869
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

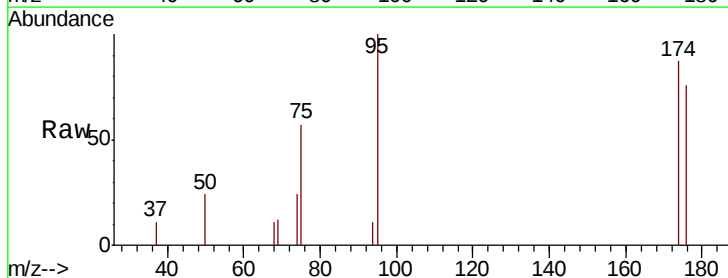


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

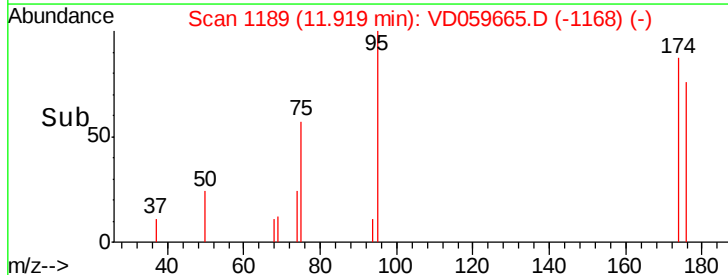
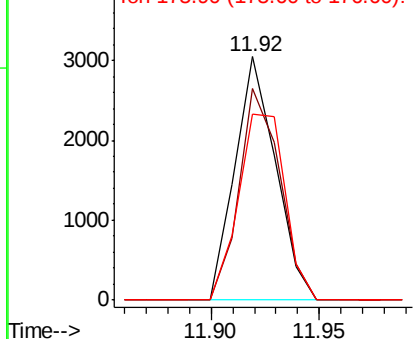


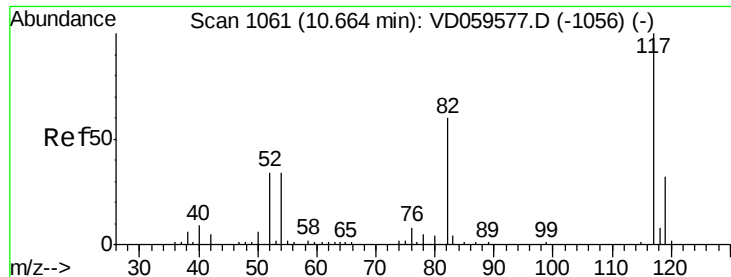
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059665.D
Acq: 31 Jul 2018 20:45

Tgt Ion: 95 Resp: 3978
Ion Ratio Lower Upper
95 100
174 87.0 0.0 160.6
176 76.4 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

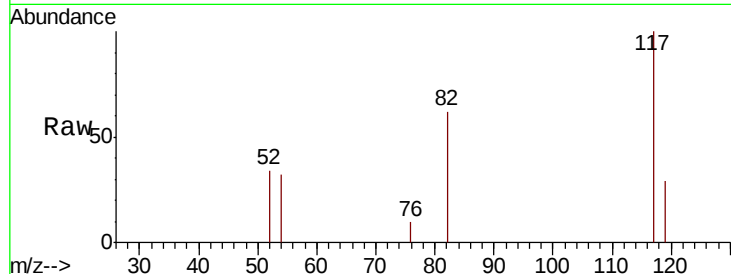




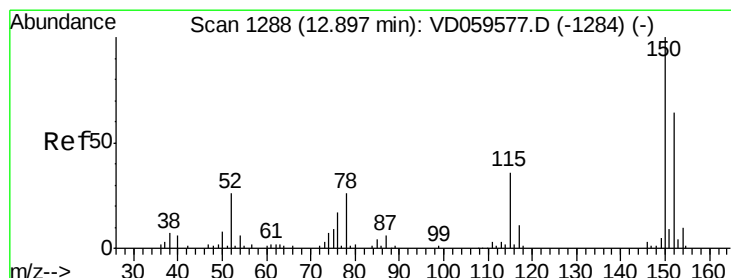
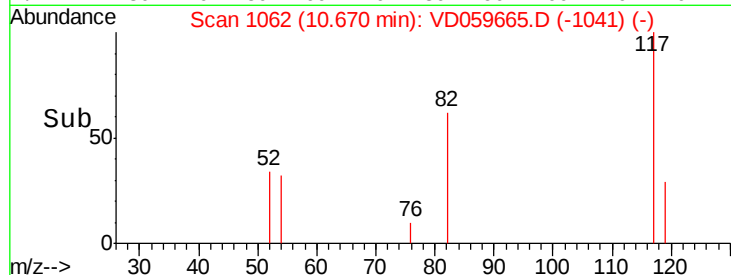
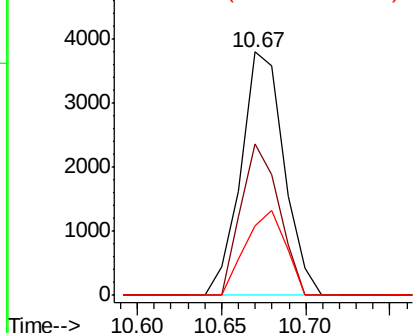
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059665.D
Acq: 31 Jul 2018 20:45

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Tot Ion:117 Resp: 6725
Ion Ratio Lower Upper
117 100
82 62.4 48.2 72.2
119 28.7 25.4 38.2

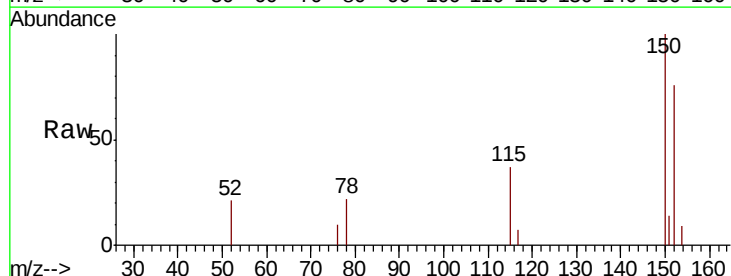


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059665.D
Acq: 31 Jul 2018 20:45

Tgt Ion:152 Resp: 4828
Ion Ratio Lower Upper
152 100
115 47.9 29.5 88.6
150 130.8 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

