

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059630.D
 Acq On : 30 Jul 2018 20:40
 Operator : VA/AP
 Sample : J4180-05RE
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-2RE

Quant Time: Jul 31 05:56:58 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	116429	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	142132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	100578	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	34230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	86723	59.25	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.50%	
35) Dibromofluoromethane	5.52	113	72282	59.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	8.69	98	135807	49.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.92	95	45244	36.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.64%	

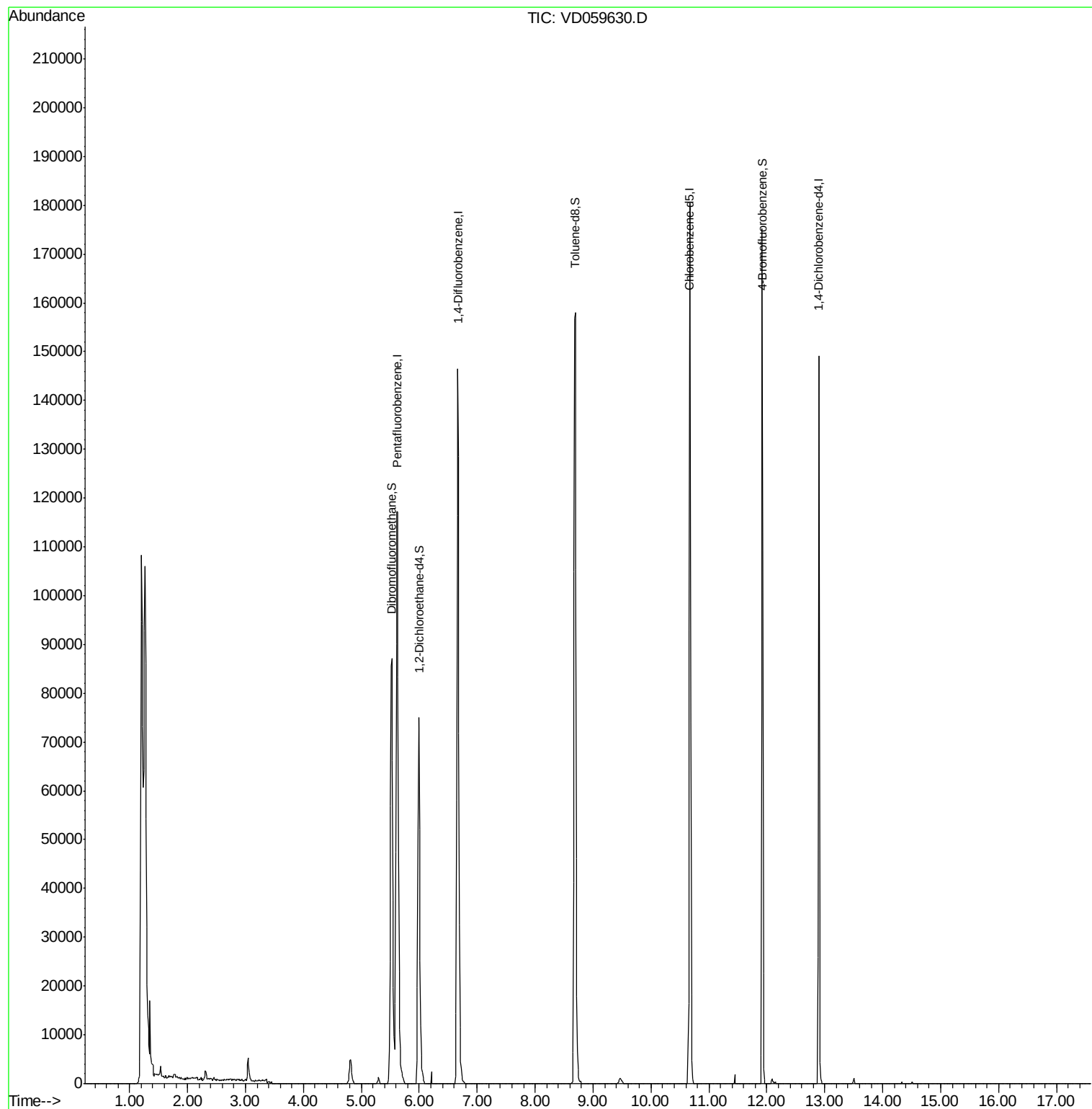
Target Compounds	Qvalue
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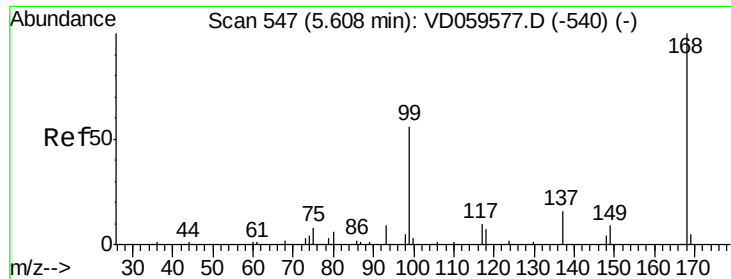
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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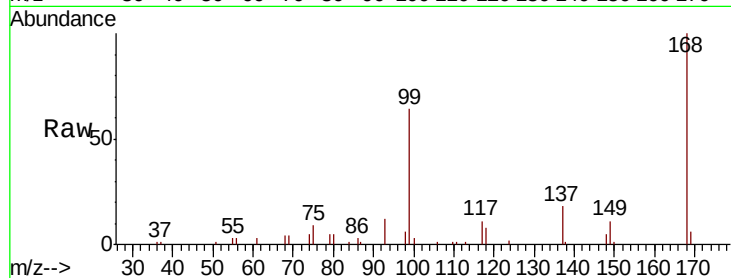




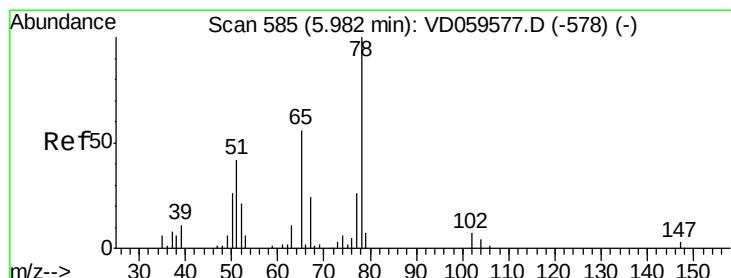
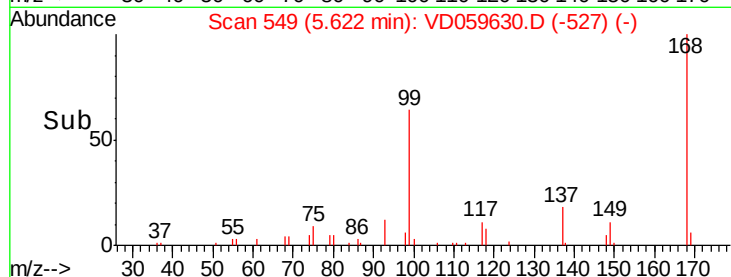
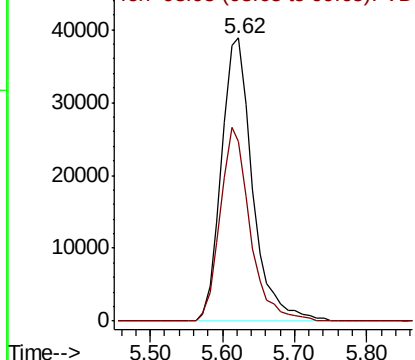
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-2RE

Tot Ion:168 Resp: 116429
Ion Ratio Lower Upper
168 100
99 63.7 47.3 70.9

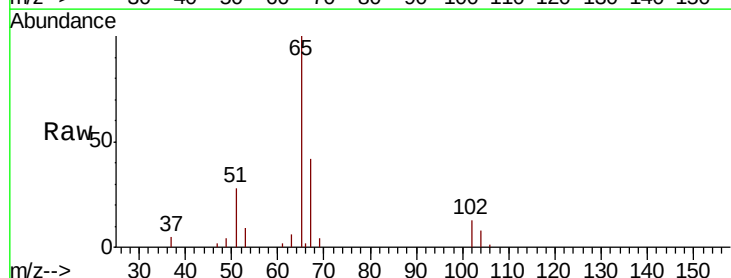


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

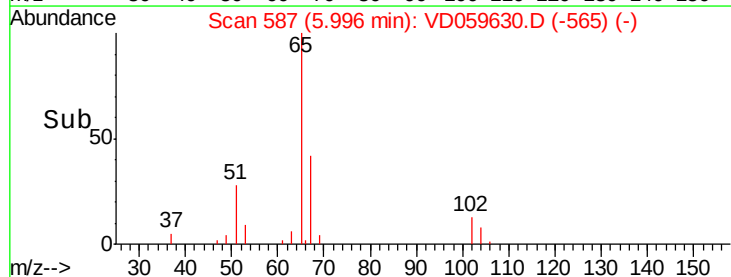
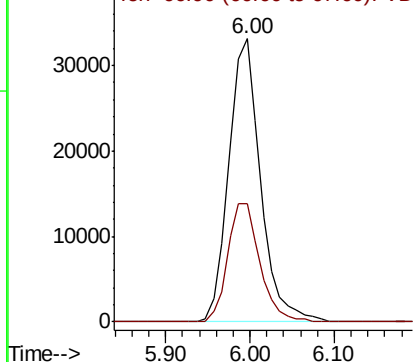


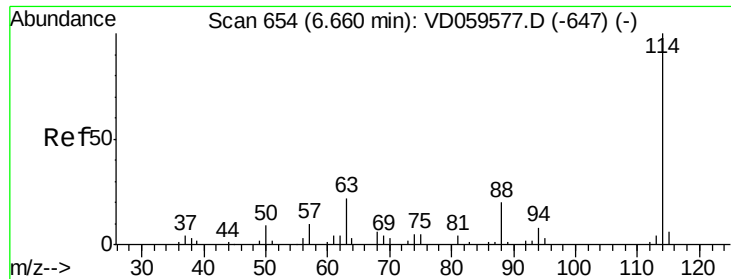
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion: 65 Resp: 86723
Ion Ratio Lower Upper
65 100
67 41.8 0.0 86.4



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

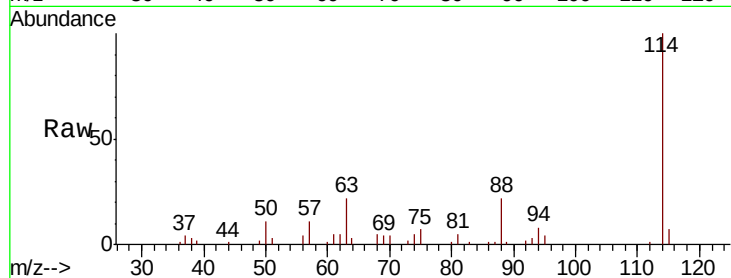




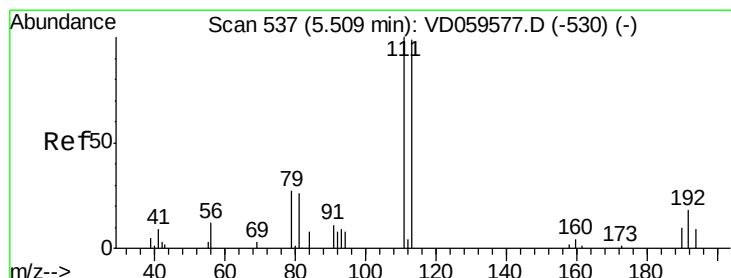
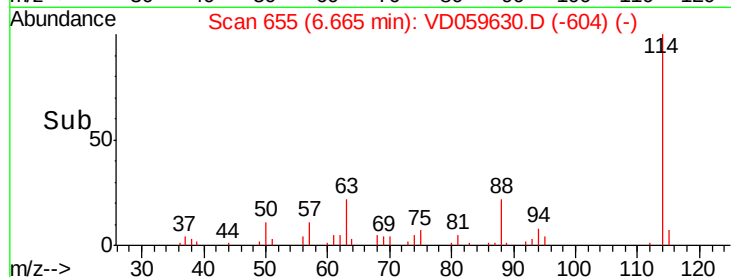
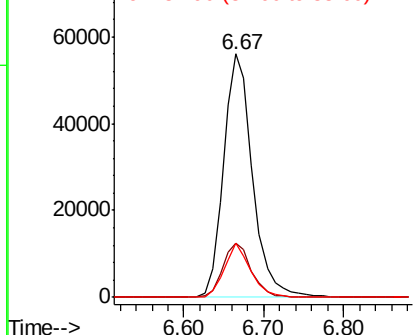
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-PIT-2RE

Tot Ion:114 Resp: 142132
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 22.4 0.0 39.0

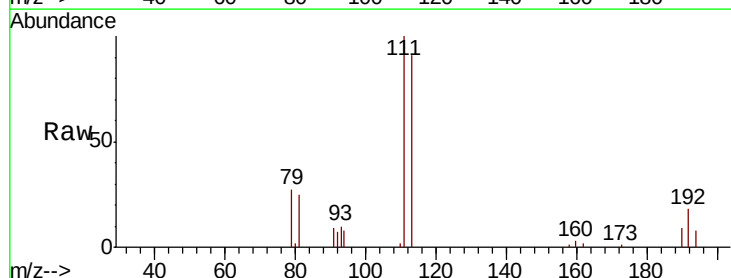


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

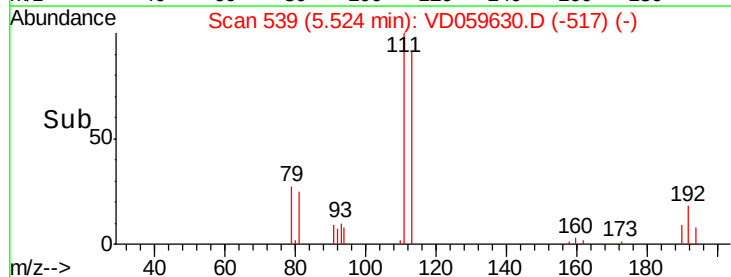
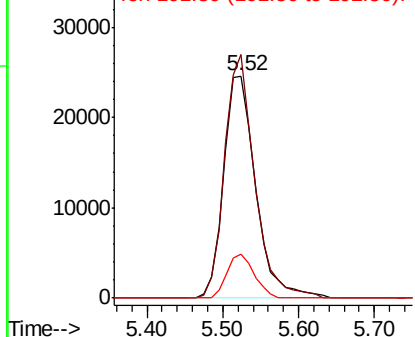


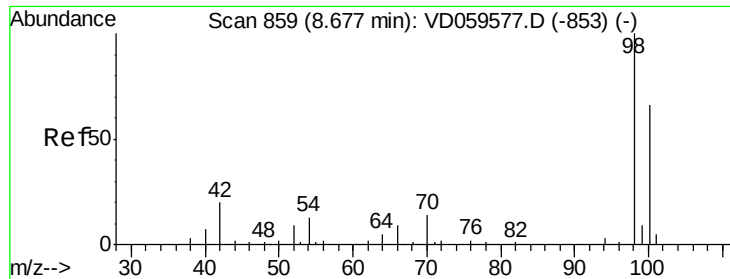
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VD059630.D
 Acq: 30 Jul 2018 20:40

Tgt Ion:113 Resp: 72282
 Ion Ratio Lower Upper
 113 100
 111 109.7 80.5 120.7
 192 19.9 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

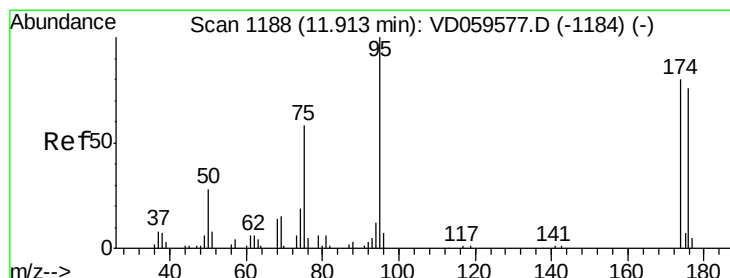
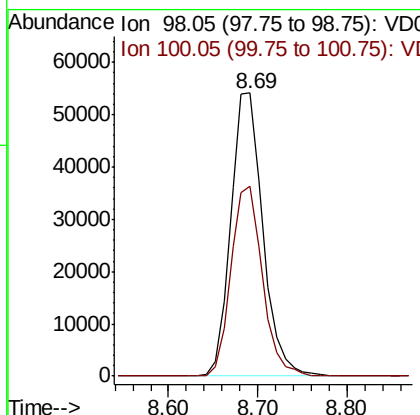
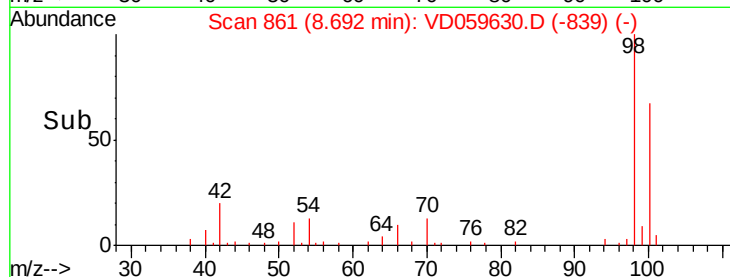
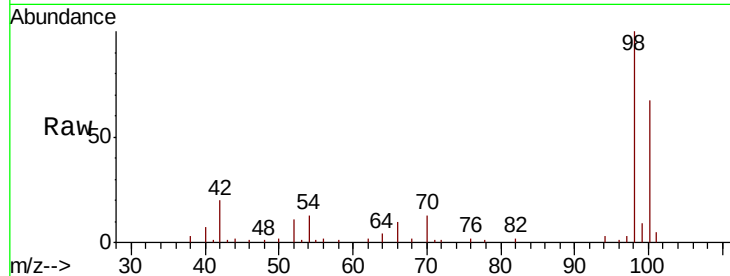




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

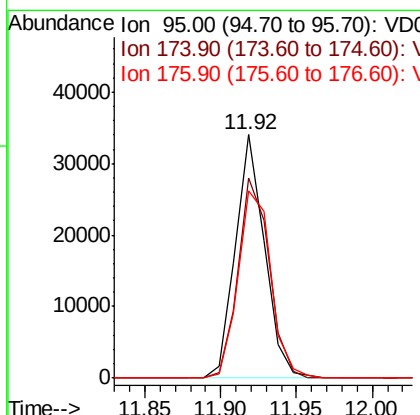
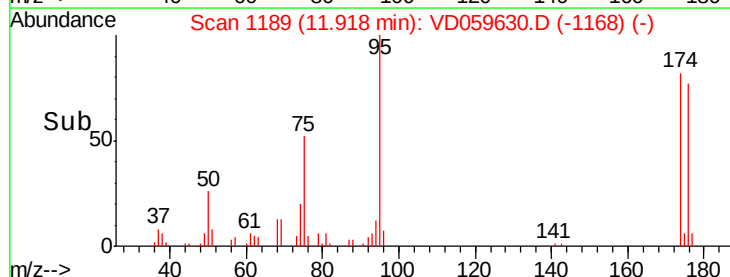
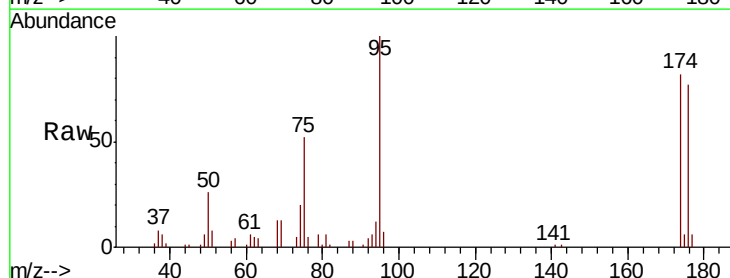
Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-2RE

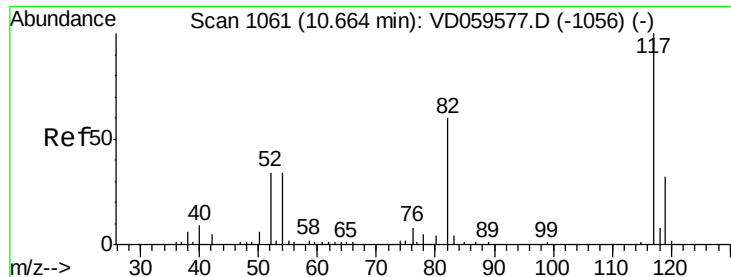
Tot Ion: 98 Resp: 135807
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion: 95 Resp: 45244
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.6
176 76.7 0.0 152.8

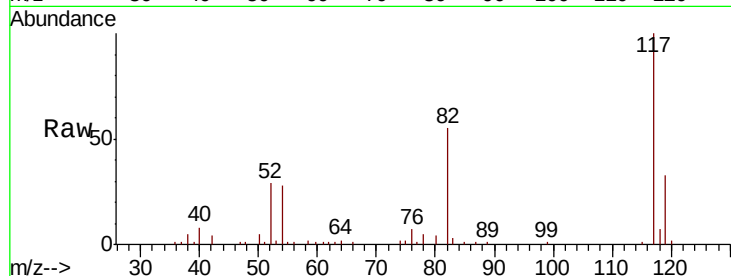




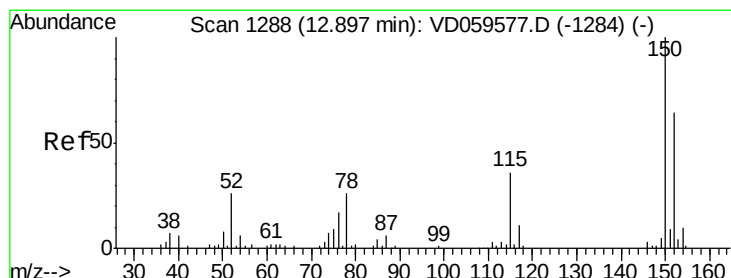
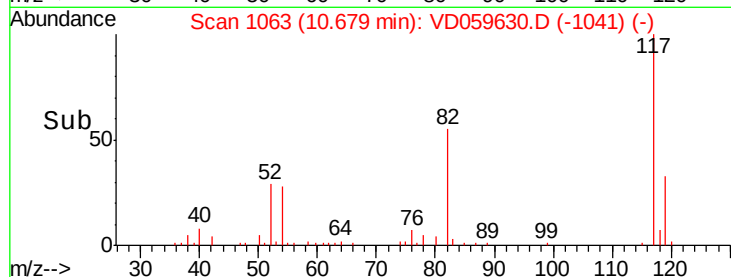
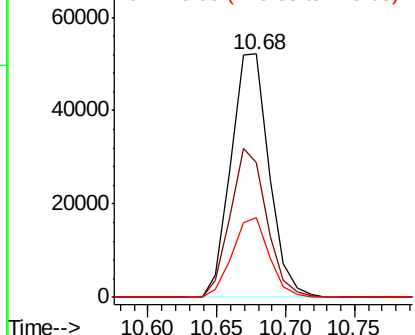
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Instrument :
MSVOA_D
ClientSampleId :
GS-PIT-2RE

Tot Ion:117 Resp: 100578
Ion Ratio Lower Upper
117 100
82 55.5 48.2 72.2
119 32.9 25.4 38.2

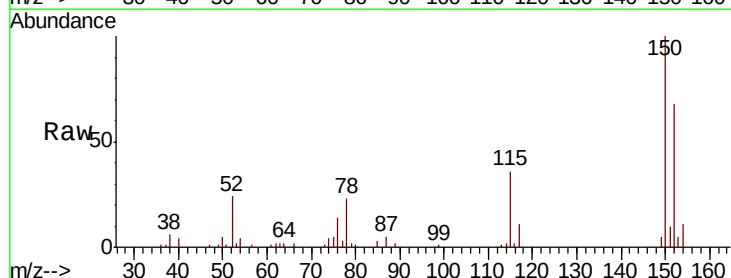


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD059630.D
Acq: 30 Jul 2018 20:40

Tgt Ion:152 Resp: 34230
Ion Ratio Lower Upper
152 100
115 52.6 29.5 88.6
150 147.6 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

