

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059727.D
 Acq On : 9 Aug 2018 20:42
 Operator : VA/AP
 Sample : J4388-04
 Misc : 4.90g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2B

Quant Time: Aug 10 02:55:03 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	143455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	163477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	128458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	69958	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	118398	64.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.32%	
35) Dibromofluoromethane	5.53	113	94348	64.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.50%	
50) Toluene-d8	8.70	98	151162	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.93	95	77476	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	

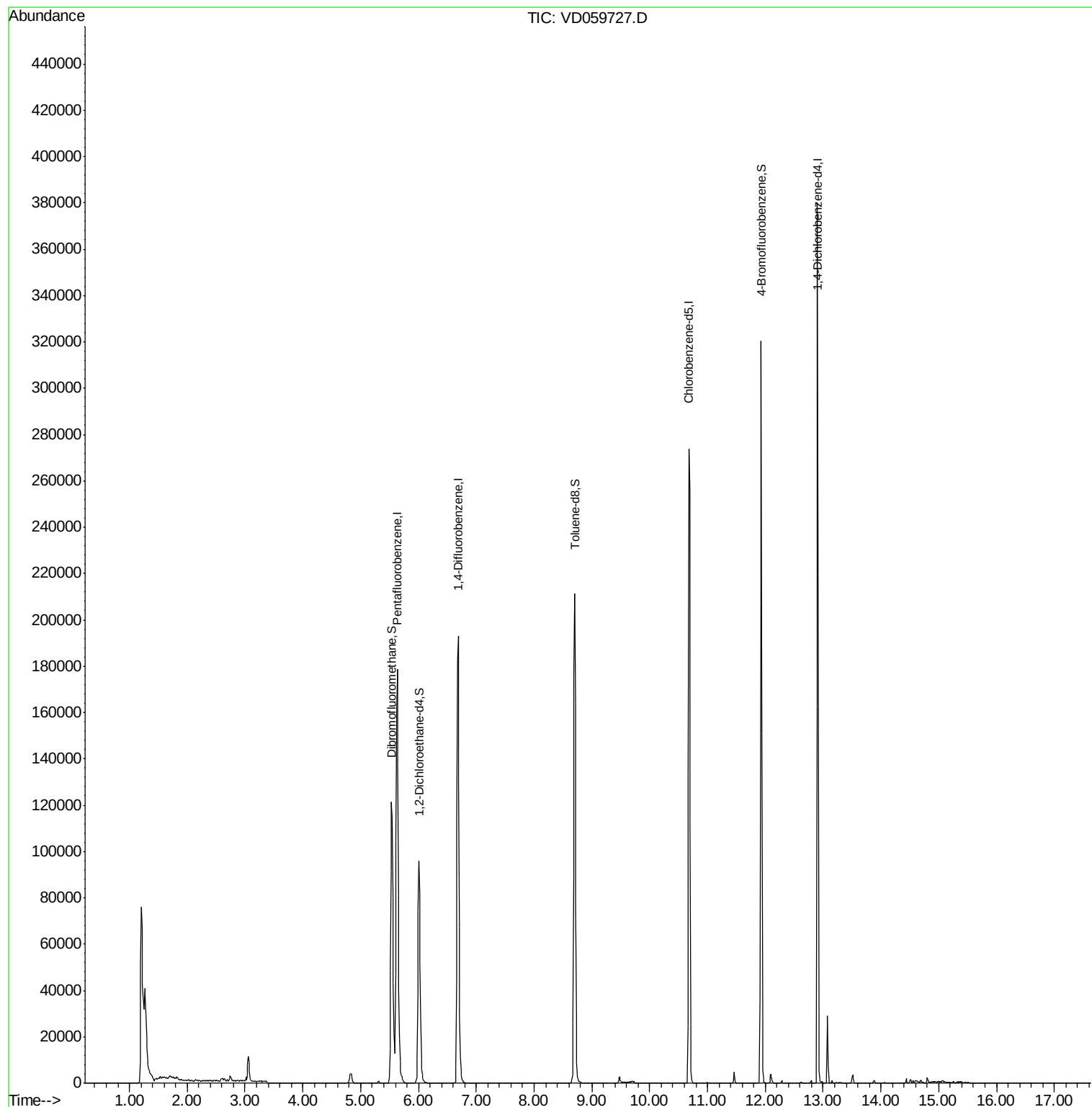
Target Compounds	Qvalue

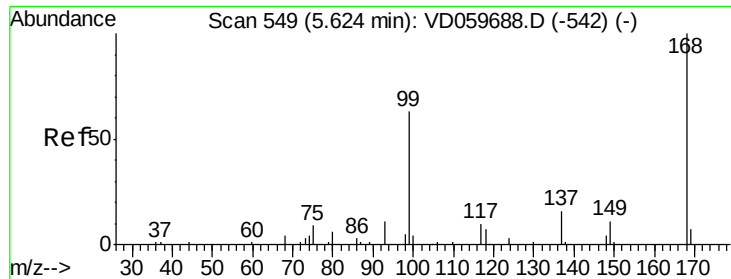
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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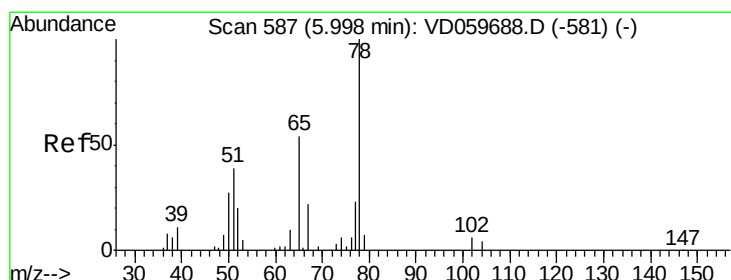
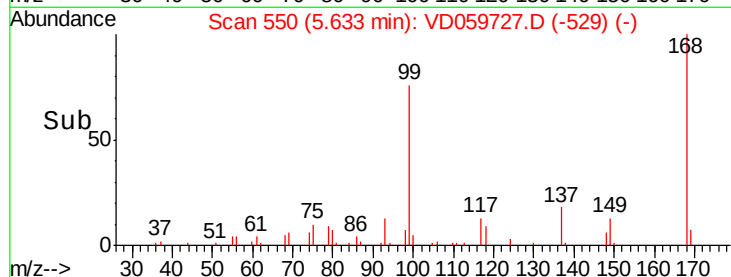
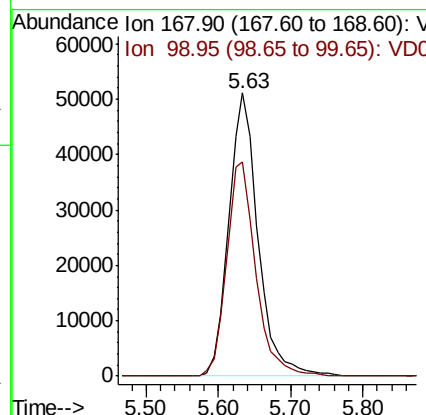
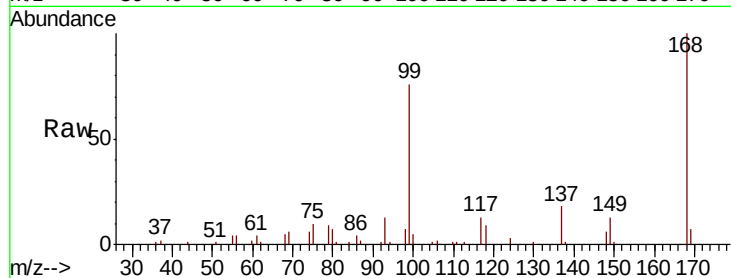




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

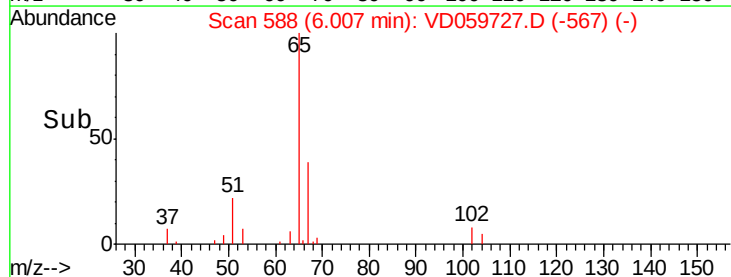
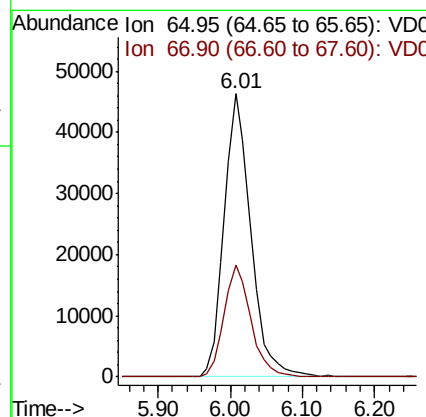
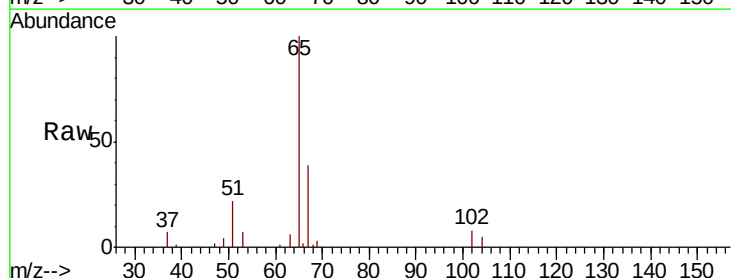
Instrument :
MSVOA_D
ClientSampleId :
S-2B

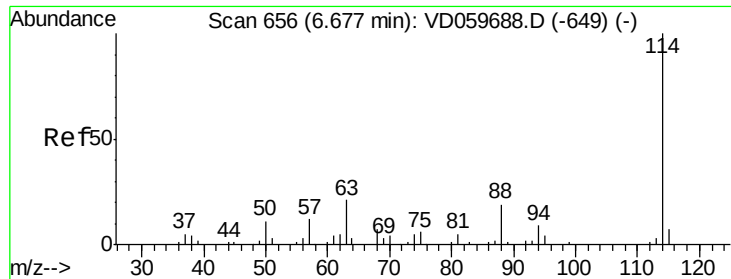
Tot Ion:168 Resp: 143455
Ion Ratio Lower Upper
168 100
99 75.9 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

Tgt Ion: 65 Resp: 118398
Ion Ratio Lower Upper
65 100
67 39.4 0.0 80.4

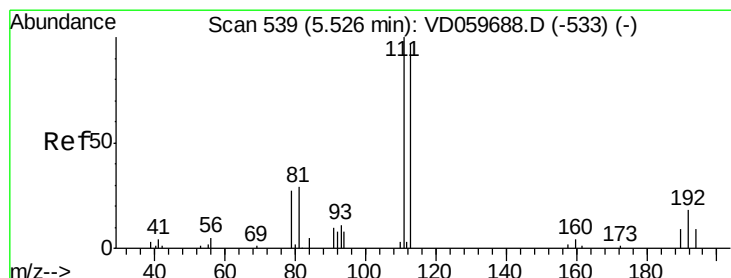
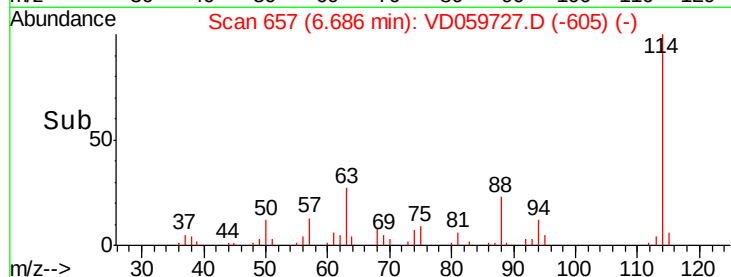
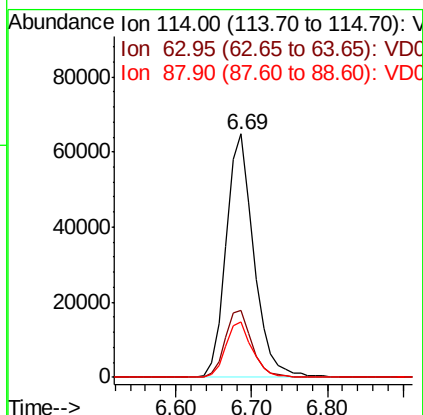
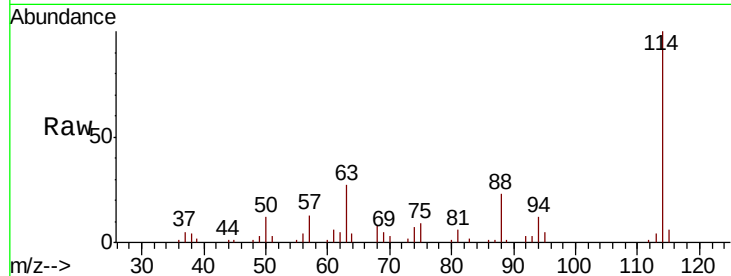




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059727.D
 Acq: 9 Aug 2018 20:42

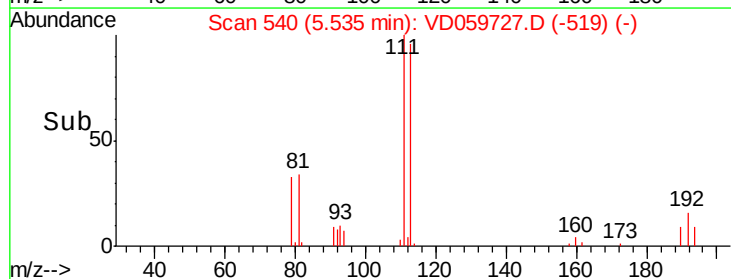
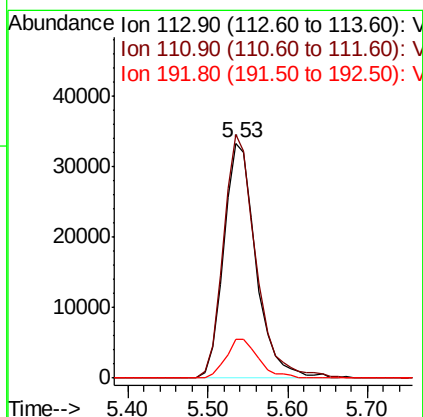
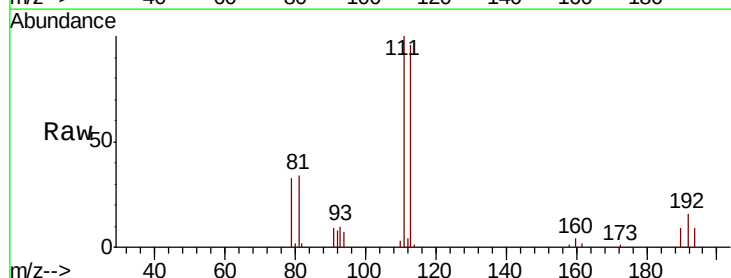
Instrument :
 MSVOA_D
 ClientSampleId :
 S-2B

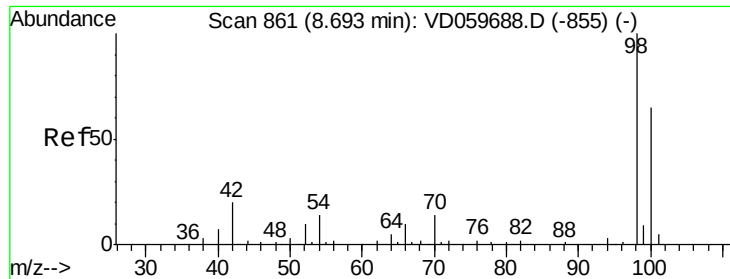
Tot Ion:114 Resp: 163477
 Ion Ratio Lower Upper
 114 100
 63 27.5 0.0 42.6
 88 23.0 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: VD059727.D
 Acq: 9 Aug 2018 20:42

Tgt Ion:113 Resp: 94348
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 16.5 14.6 22.0

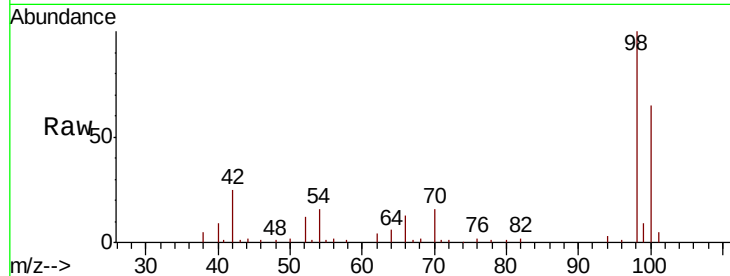




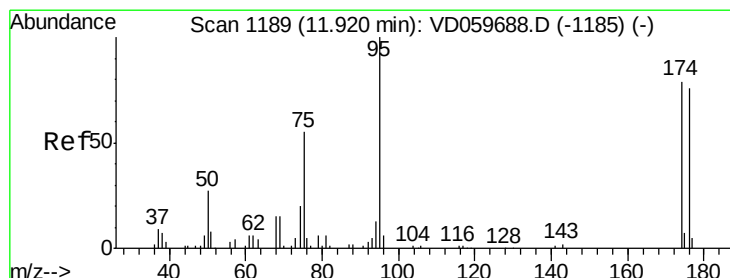
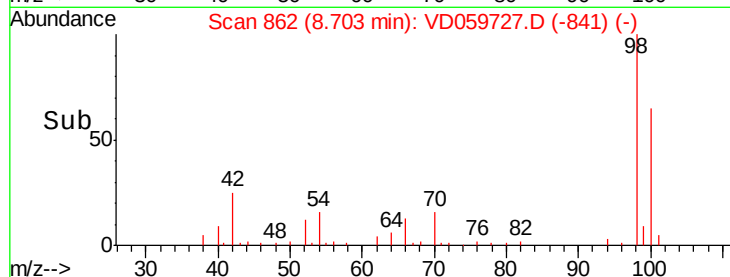
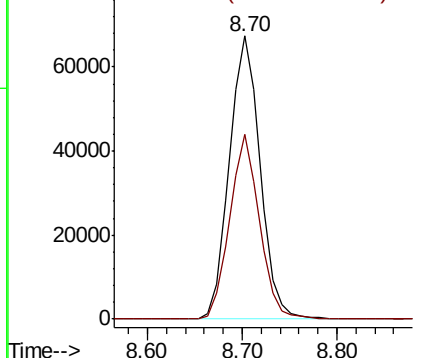
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

Instrument :
MSVOA_D
ClientSampleId :
S-2B

Tot Ion: 98 Resp: 151162
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

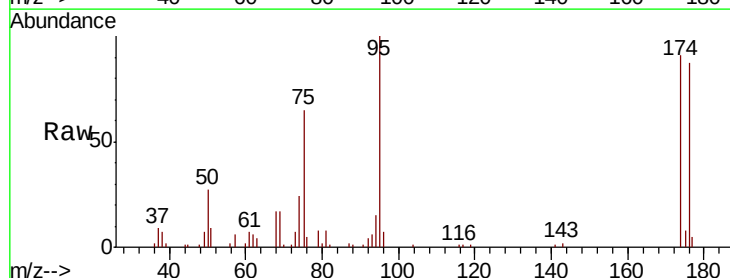


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

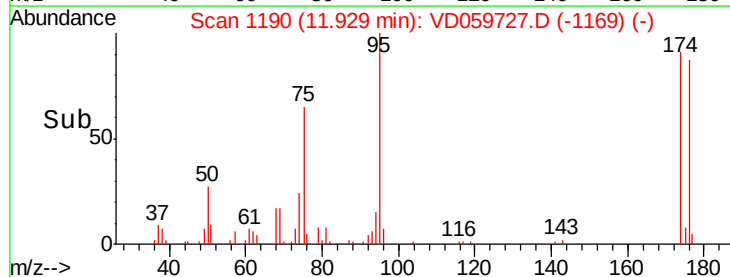
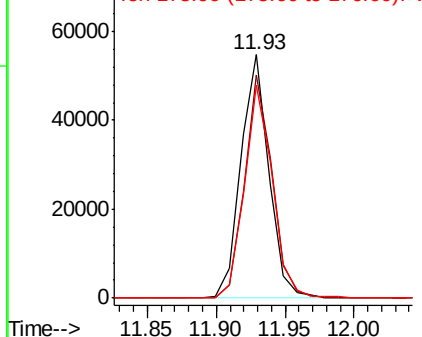


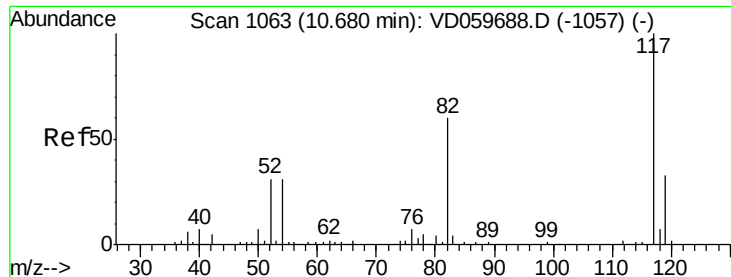
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

Tgt Ion: 95 Resp: 77476
Ion Ratio Lower Upper
95 100
174 91.4 0.0 158.4
176 87.3 0.0 153.0



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

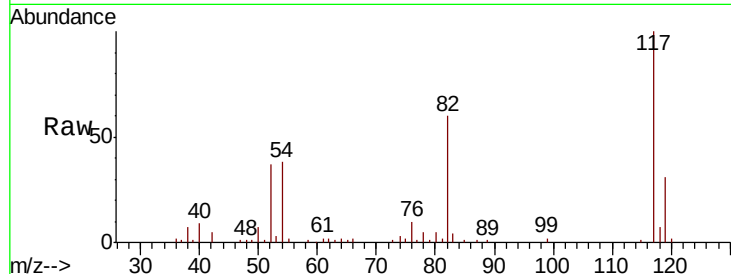




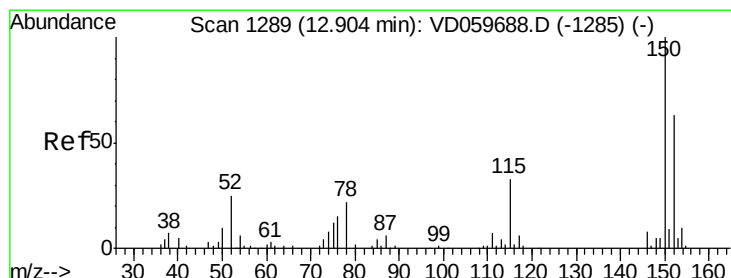
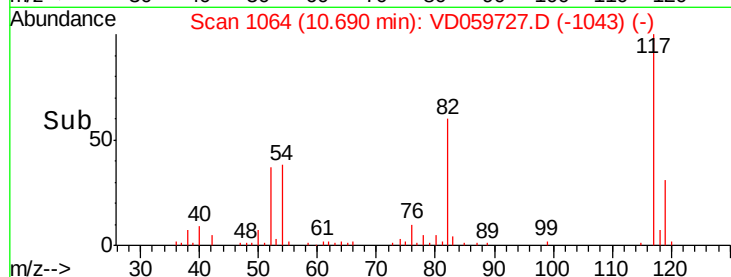
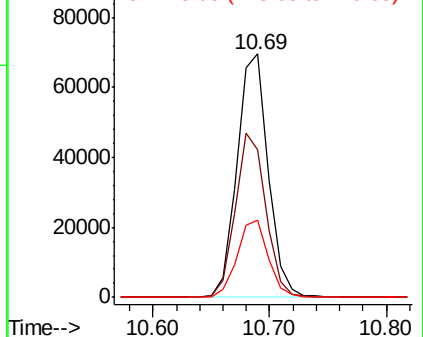
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

Instrument :
MSVOA_D
ClientSampleId :
S-2B

Tot Ion:117 Resp: 128458
Ion Ratio Lower Upper
117 100
82 60.5 47.7 71.5
119 31.5 26.6 40.0

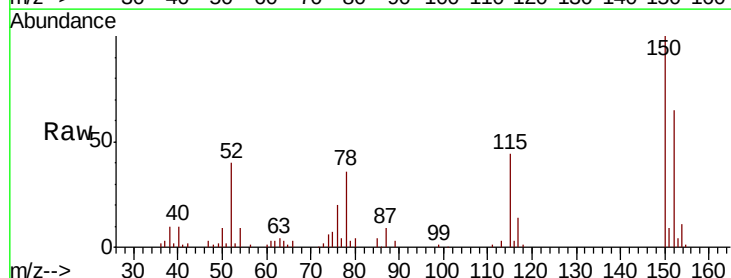


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059727.D
Acq: 9 Aug 2018 20:42

Tgt Ion:152 Resp: 69958
Ion Ratio Lower Upper
152 100
115 67.4 28.8 86.4
150 152.8 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

