

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059800.D
 Acq On : 15 Aug 2018 17:21
 Operator : VA/AP
 Sample : J4477-02
 Misc : 9.80g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-004-A

Quant Time: Aug 16 07:56:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	66655	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	99746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	92402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	51411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	66502	77.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	155.30%	
35) Dibromofluoromethane	5.54	113	45976	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.69	98	89161	43.31	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	86.62%	
62) 4-Bromofluorobenzene	11.92	95	47493	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

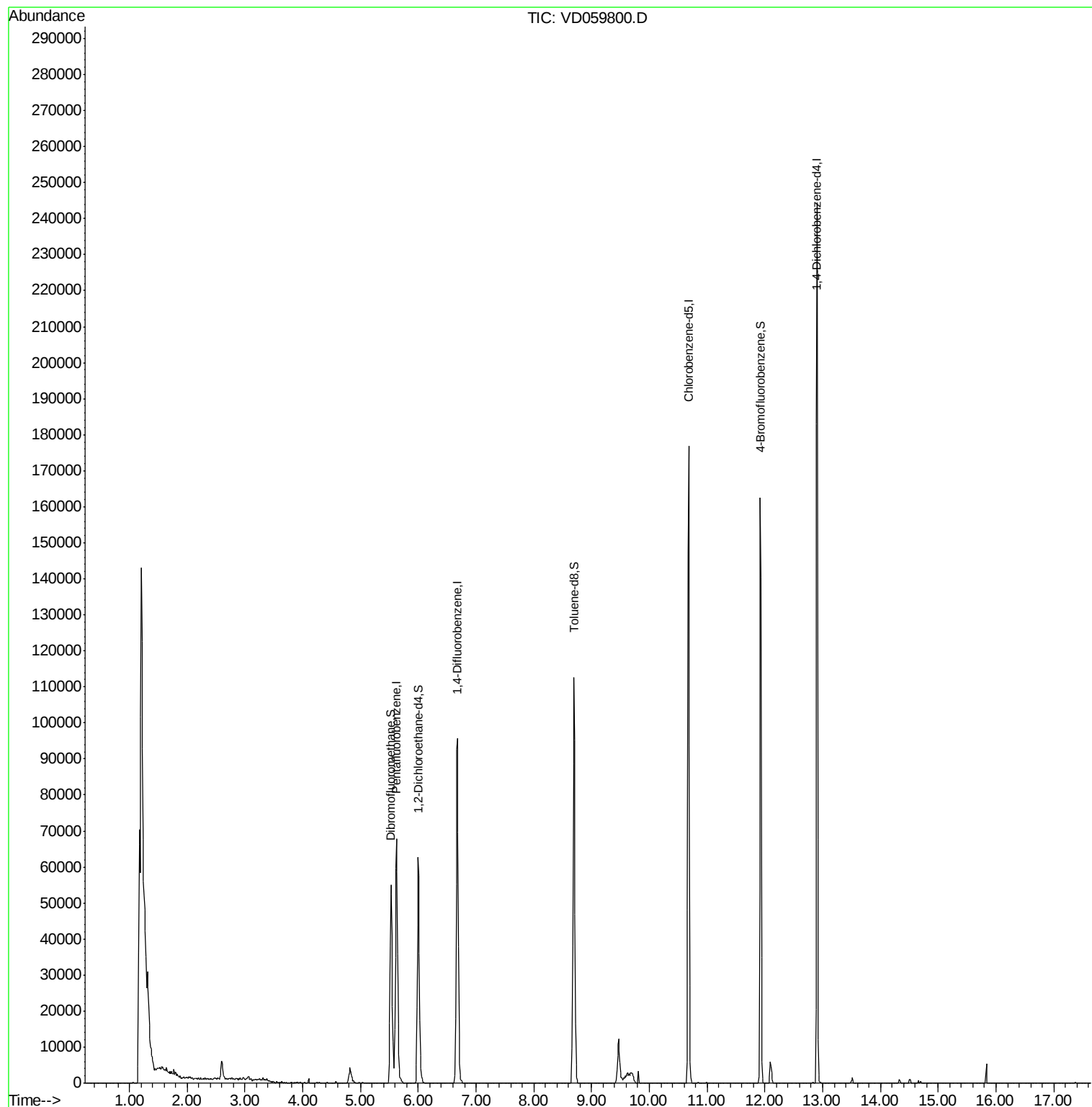
Target Compounds	Qvalue

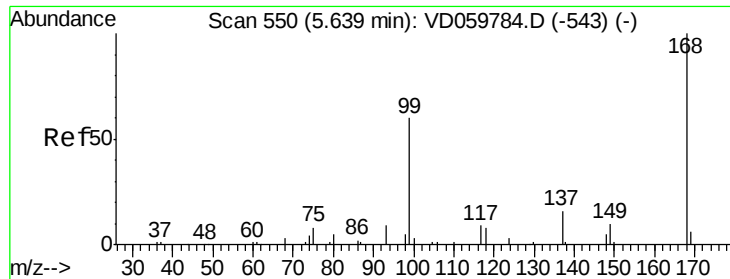
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD059800.D

Acq: 15 Aug 2018 17:21

Instrument :

MSVOA_D

ClientSampleId :

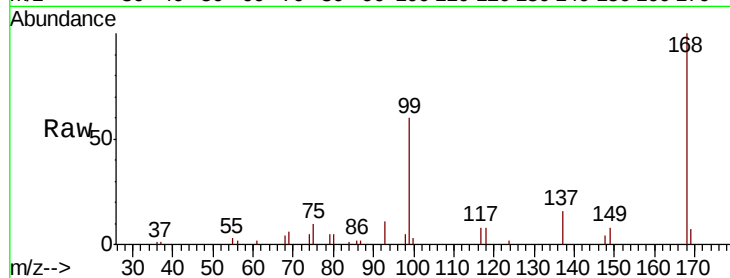
FK-SF-03-004-A

Tot Ion:168 Resp: 66655

Ion Ratio Lower Upper

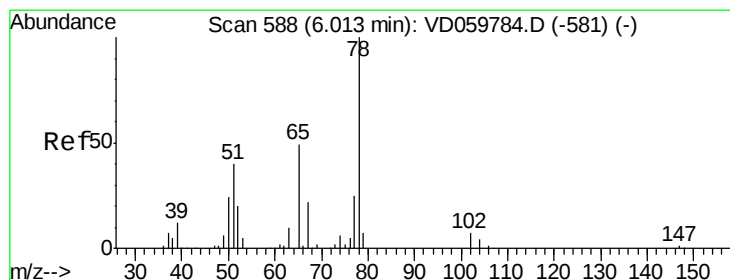
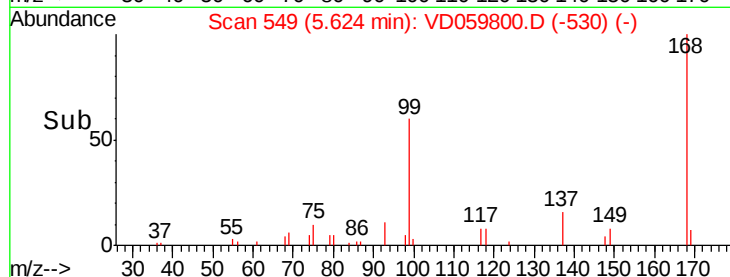
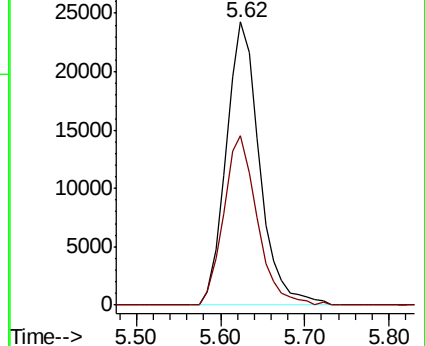
168 100

99 60.0 50.3 75.5



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: VD059800.D

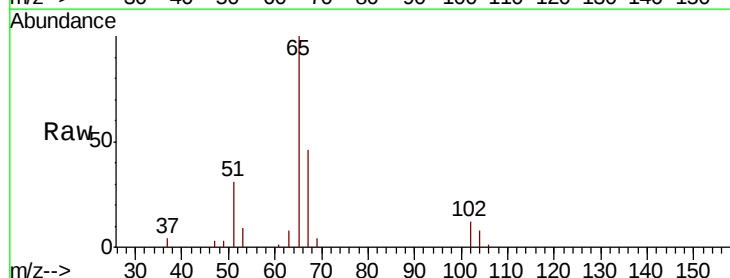
Acq: 15 Aug 2018 17:21

Tgt Ion: 65 Resp: 66502

Ion Ratio Lower Upper

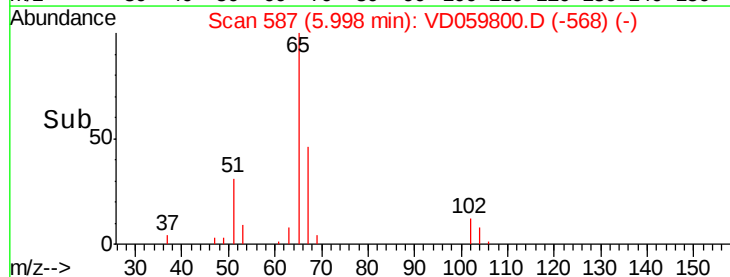
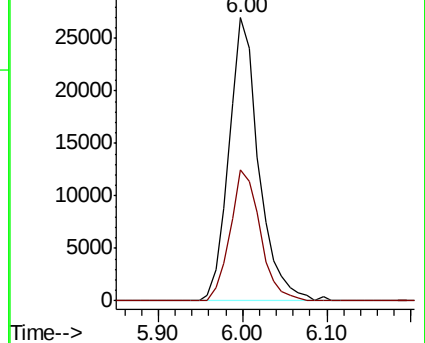
65 100

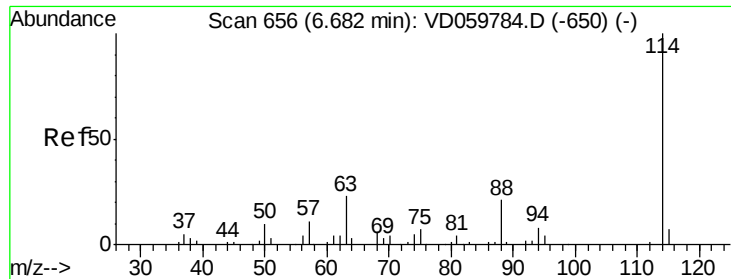
67 46.3 0.0 87.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

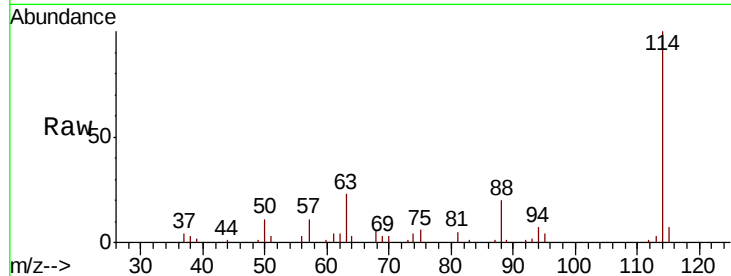




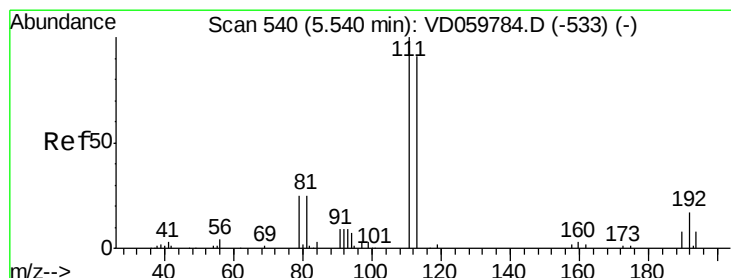
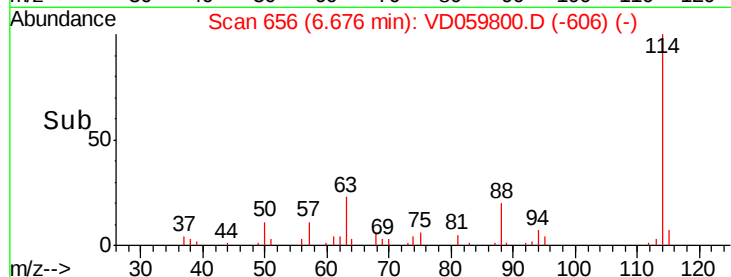
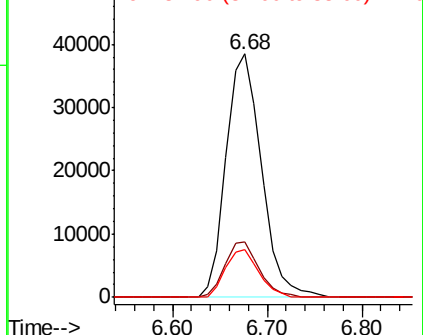
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VD059800.D
 Acq: 15 Aug 2018 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-03-004-A

Tot Ion:114 Resp: 99746
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 19.6 0.0 41.2

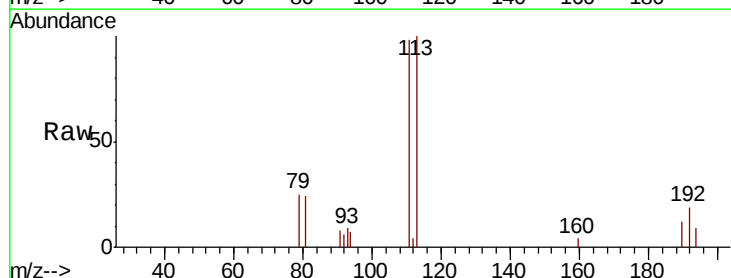


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

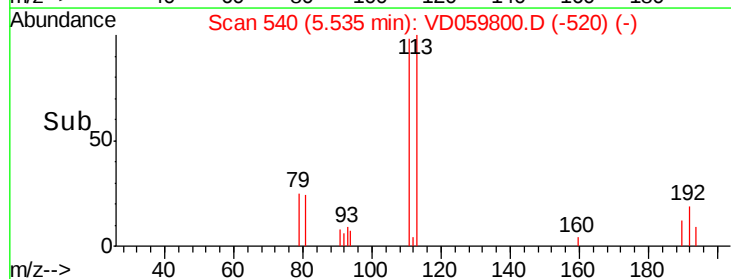
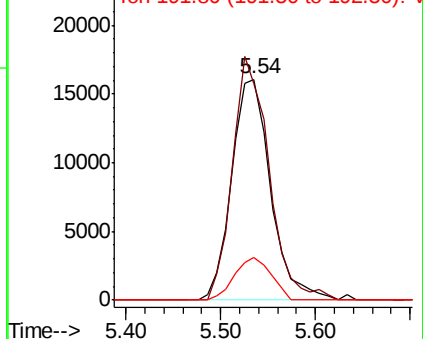


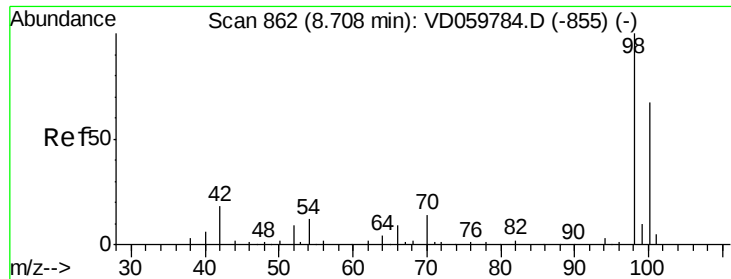
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD059800.D
 Acq: 15 Aug 2018 17:21

Tgt Ion:113 Resp: 45976
 Ion Ratio Lower Upper
 113 100
 111 98.2 87.7 131.5
 192 19.4 14.6 21.8



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

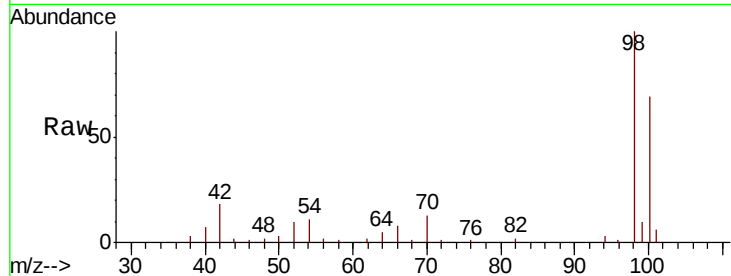




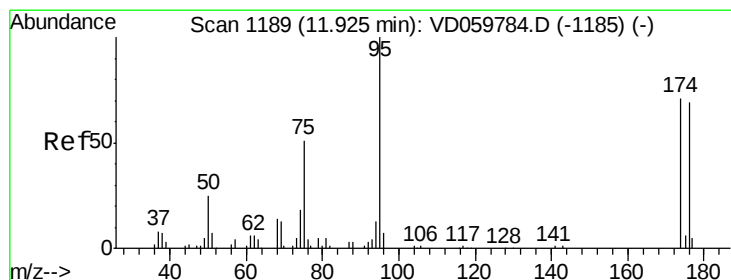
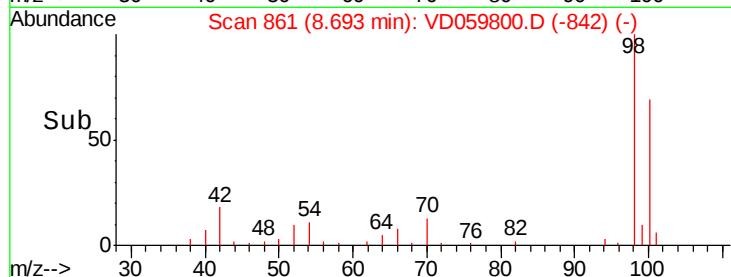
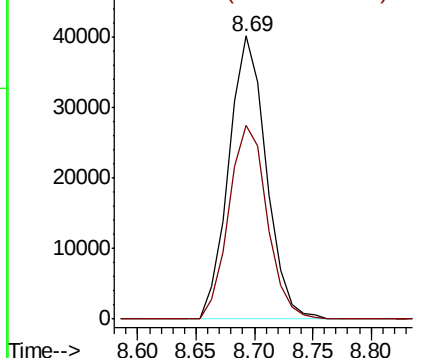
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. -0.02 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-004-A

Tot Ion: 98 Resp: 89161
Ion Ratio Lower Upper
98 100
100 68.6 54.2 81.4

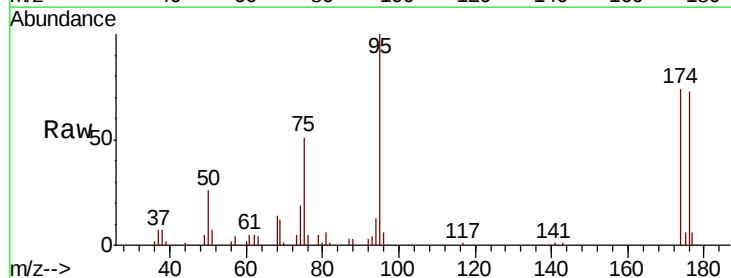


Abundance Ion 98.05 (97.75 to 98.75): VD059784.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059784.D (-855) (-)

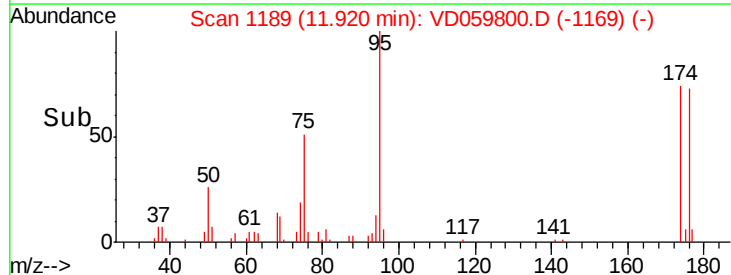
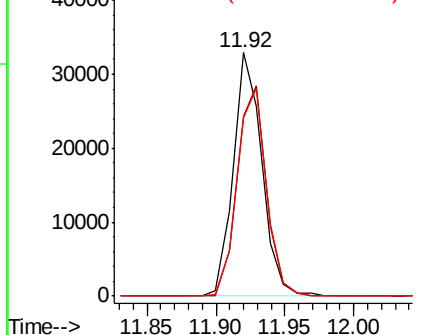


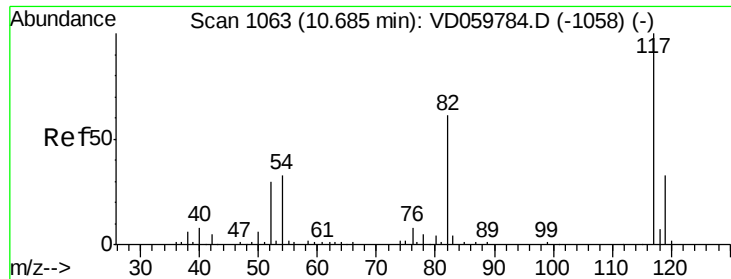
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Tgt Ion: 95 Resp: 47493
Ion Ratio Lower Upper
95 100
174 73.8 0.0 142.2
176 73.2 0.0 137.4



Abundance Ion 95.00 (94.70 to 95.70): VD059784.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD059784.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD059784.D (-1185) (-)

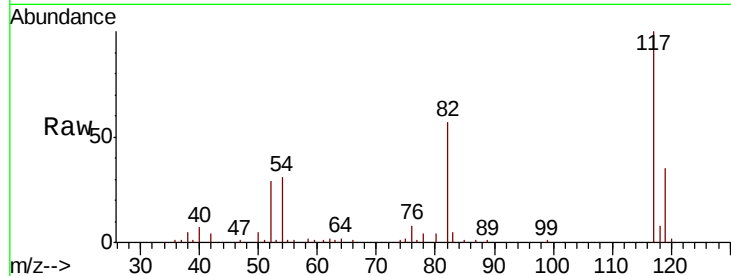




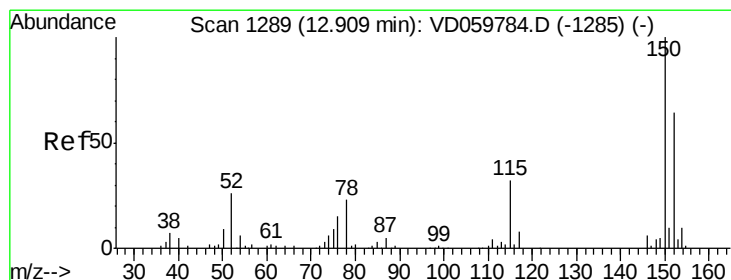
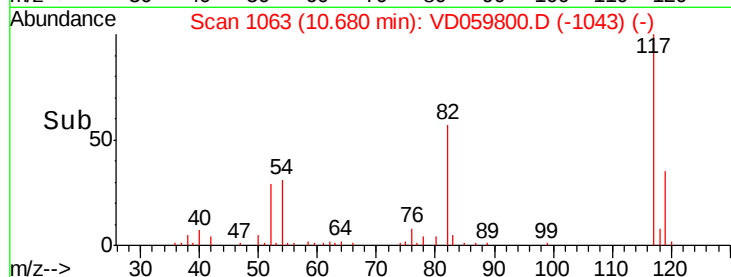
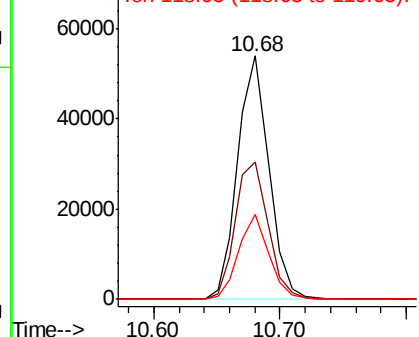
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-03-004-A

Tot Ion:117 Resp: 92402
Ion Ratio Lower Upper
117 100
82 56.6 49.0 73.6
119 34.7 26.2 39.2

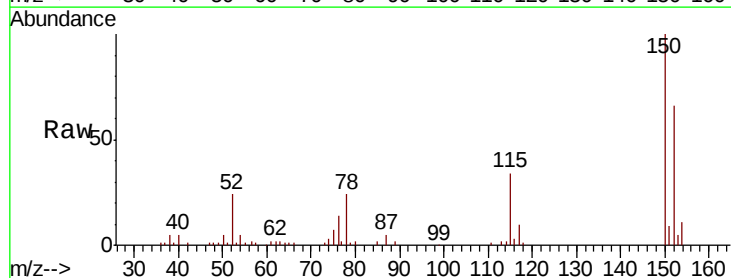


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VD059800.D
Acq: 15 Aug 2018 17:21

Tgt Ion:152 Resp: 51411
Ion Ratio Lower Upper
152 100
115 50.9 27.2 81.5
150 152.0 0.0 312.4



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

