

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080918\
 Data File : VD059721.D
 Acq On : 9 Aug 2018 17:51
 Operator : VA/AP
 Sample : J4394-02
 Misc : 7.66g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-006-ABCD

Quant Time: Aug 10 02:48:16 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	160260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	193518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	158104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	83623	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	132957	64.50	ug/l	0.02
Spiked Amount 50.000			Recovery	=	129.00%	
35) Dibromofluoromethane	5.54	113	96241	55.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	110.74%	
50) Toluene-d8	8.70	98	172042	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.93	95	86339	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	

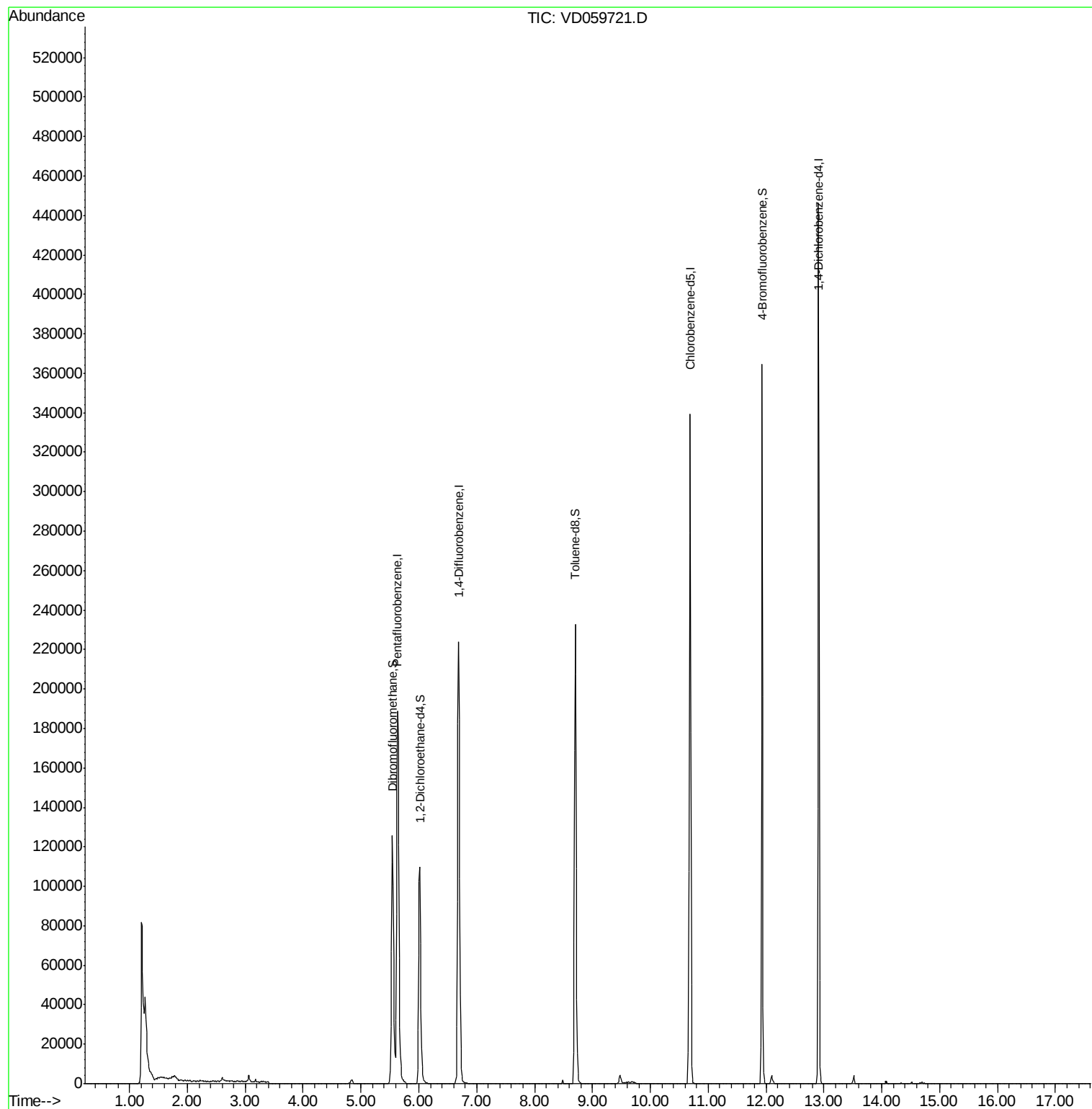
Target Compounds	Qvalue
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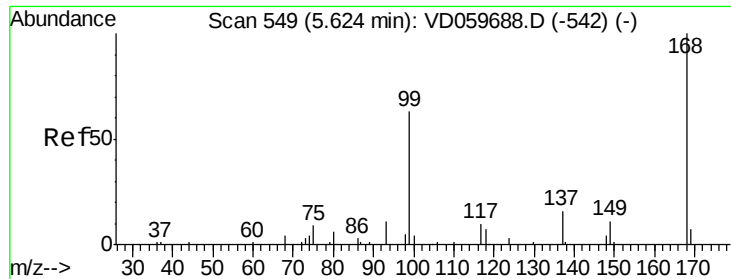
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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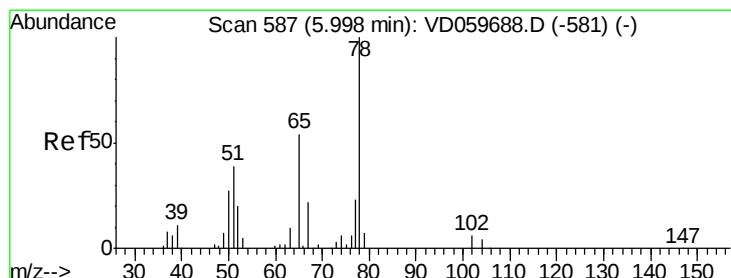
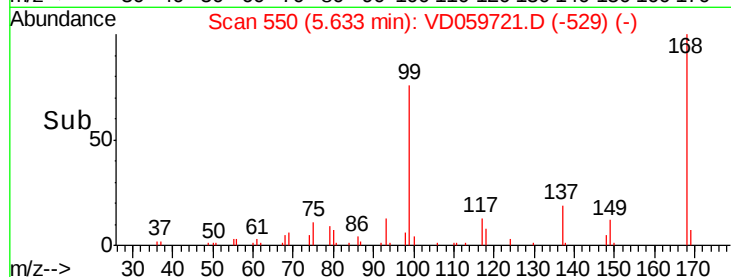
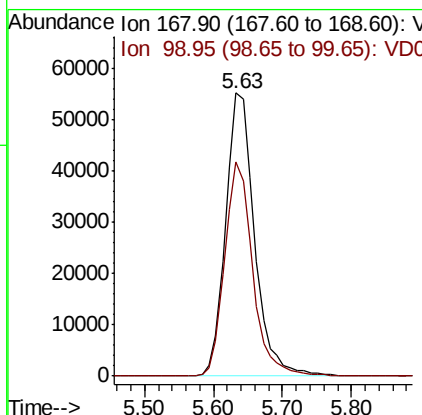
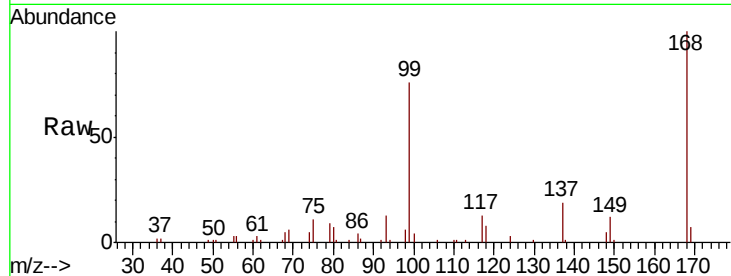




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059721.D
Acq: 9 Aug 2018 17:51

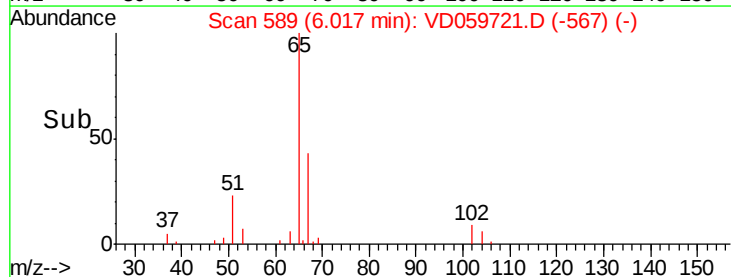
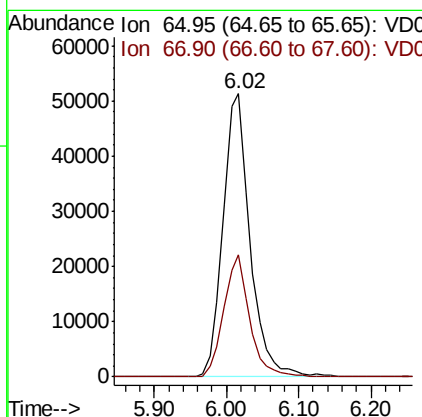
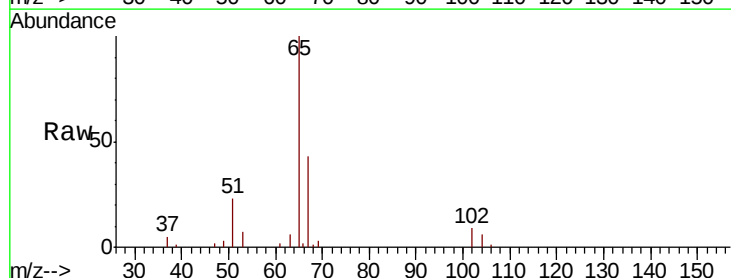
Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-006-ABCD

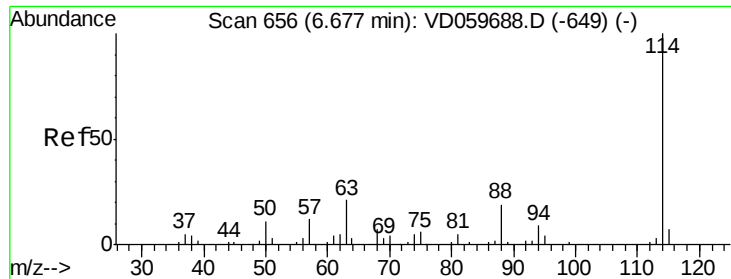
Tot Ion:168 Resp: 160260
Ion Ratio Lower Upper
168 100
99 75.8 53.4 80.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.02 min
Lab File: VD059721.D
Acq: 9 Aug 2018 17:51

Tgt Ion: 65 Resp: 132957
Ion Ratio Lower Upper
65 100
67 43.3 0.0 80.4

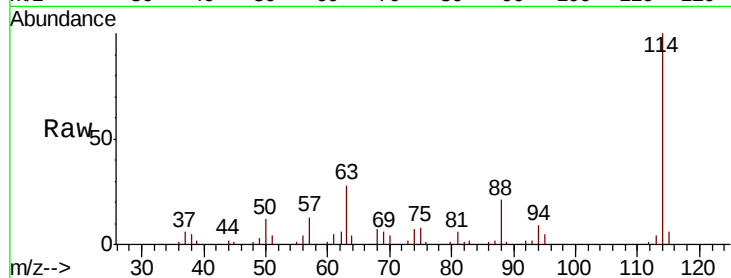




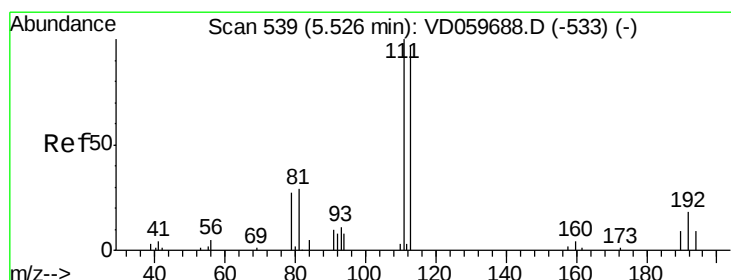
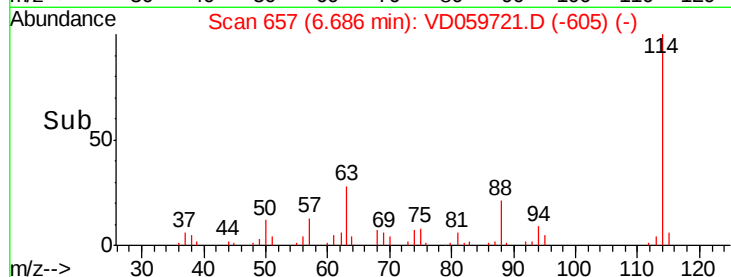
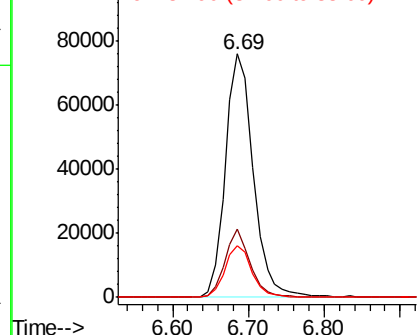
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059721.D
 Acq: 9 Aug 2018 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-EF-01-006-ABCD

Tot Ion:114 Resp: 193518
 Ion Ratio Lower Upper
 114 100
 63 28.2 0.0 42.6
 88 21.4 0.0 38.8

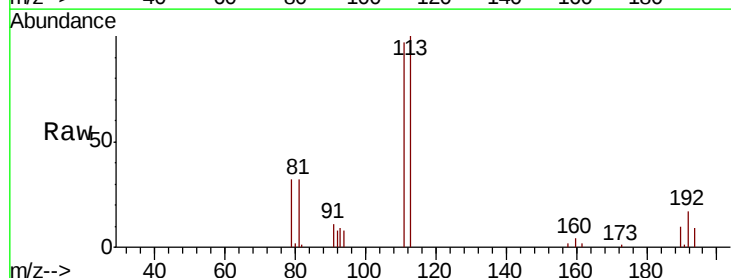


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

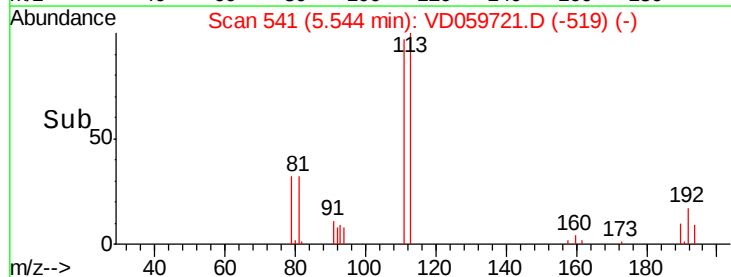
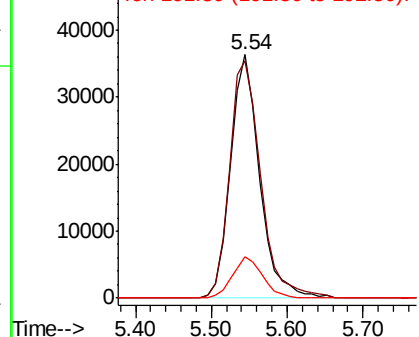


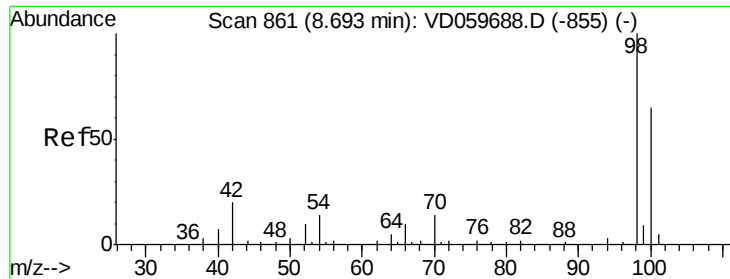
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.02 min
 Lab File: VD059721.D
 Acq: 9 Aug 2018 17:51

Tgt Ion:113 Resp: 96241
 Ion Ratio Lower Upper
 113 100
 111 97.2 82.8 124.2
 192 17.2 14.6 22.0



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

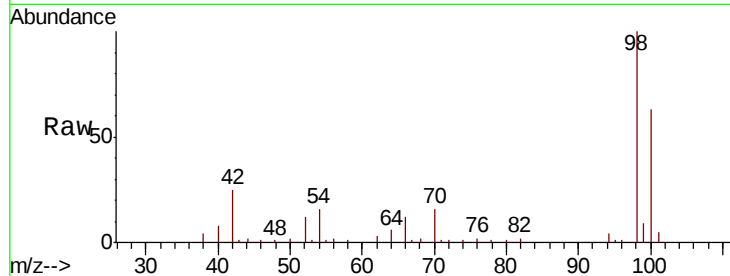




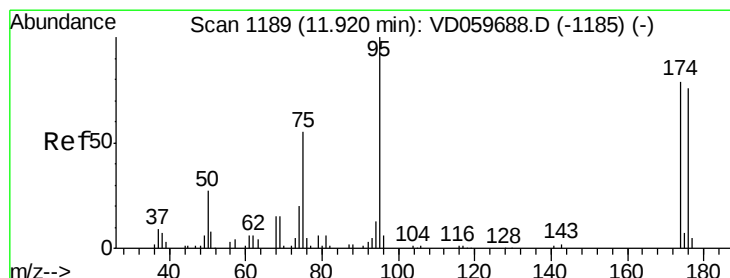
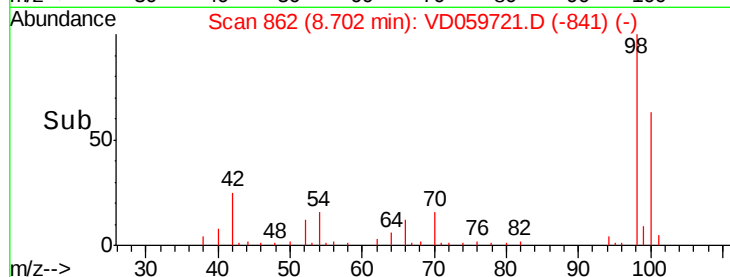
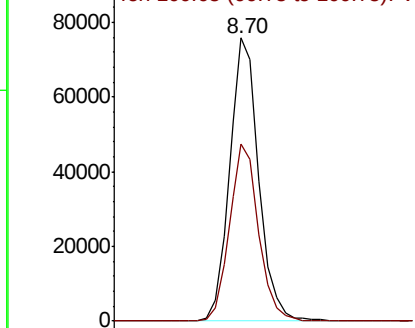
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059721.D
Acq: 9 Aug 2018 17:51

Instrument :
MSVOA_D
ClientSampleId :
FK-EF-01-006-ABCD

Tot Ion: 98 Resp: 172042
Ion Ratio Lower Upper
98 100
100 62.6 52.5 78.7

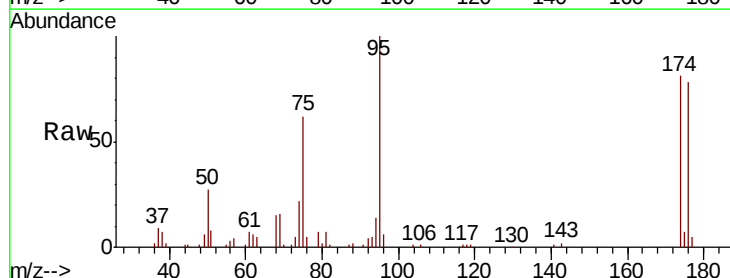


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

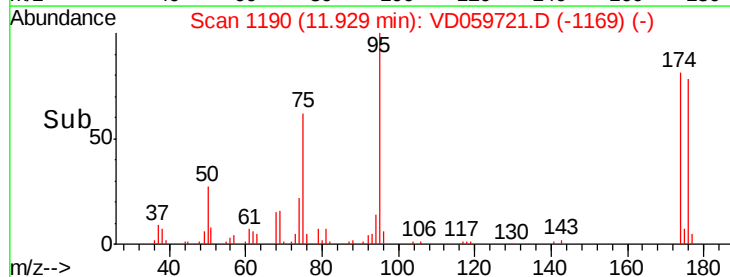
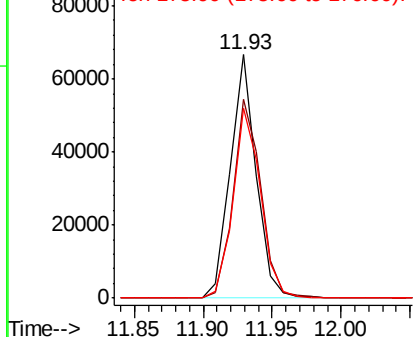


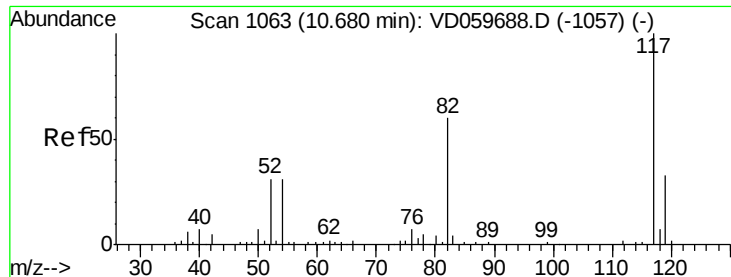
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059721.D
Acq: 9 Aug 2018 17:51

Tgt Ion: 95 Resp: 86339
Ion Ratio Lower Upper
95 100
174 81.5 0.0 158.4
176 78.2 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: VD059721.D

Acq: 9 Aug 2018 17:51

Instrument :

MSVOA_D

ClientSampleId :

FK-EF-01-006-ABCD

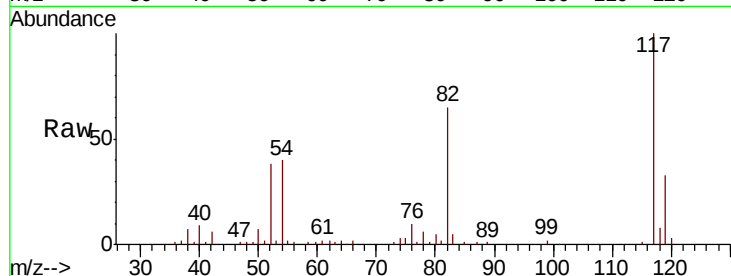
Tot Ion:117 Resp: 158104

Ion Ratio Lower Upper

117 100

82 64.9 47.7 71.5

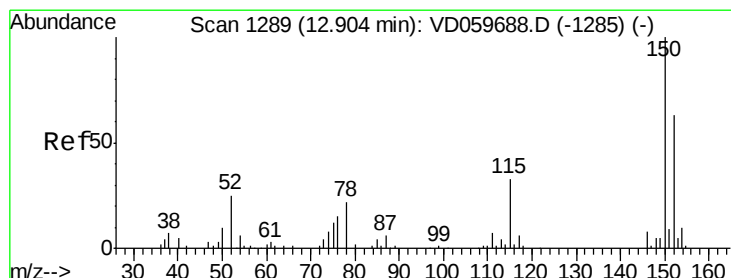
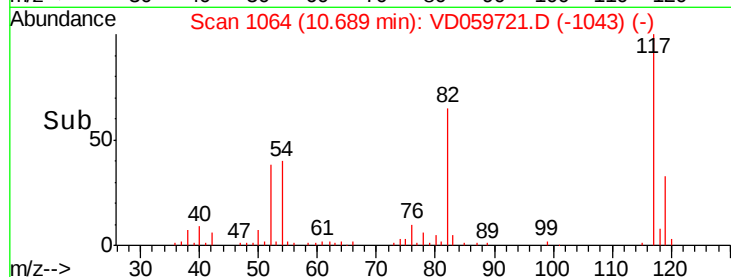
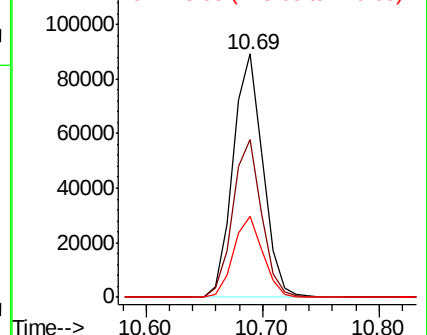
119 33.4 26.6 40.0



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: VD059721.D

Acq: 9 Aug 2018 17:51

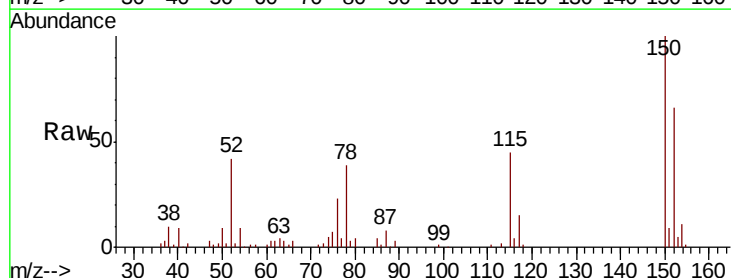
Tgt Ion:152 Resp: 83623

Ion Ratio Lower Upper

152 100

115 68.6 28.8 86.4

150 152.4 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

