

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059770.D
 Acq On : 14 Aug 2018 16:49
 Operator : VA/AP
 Sample : J4442-31RE
 Misc : 8.15g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4RE

Quant Time: Aug 15 11:14:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	4062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	6799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	6895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	4380	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	4911	77.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	154.48%	
35) Dibromofluoromethane	5.54	113	2437	34.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.62%	
50) Toluene-d8	8.70	98	6162	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.93	95	3567	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	

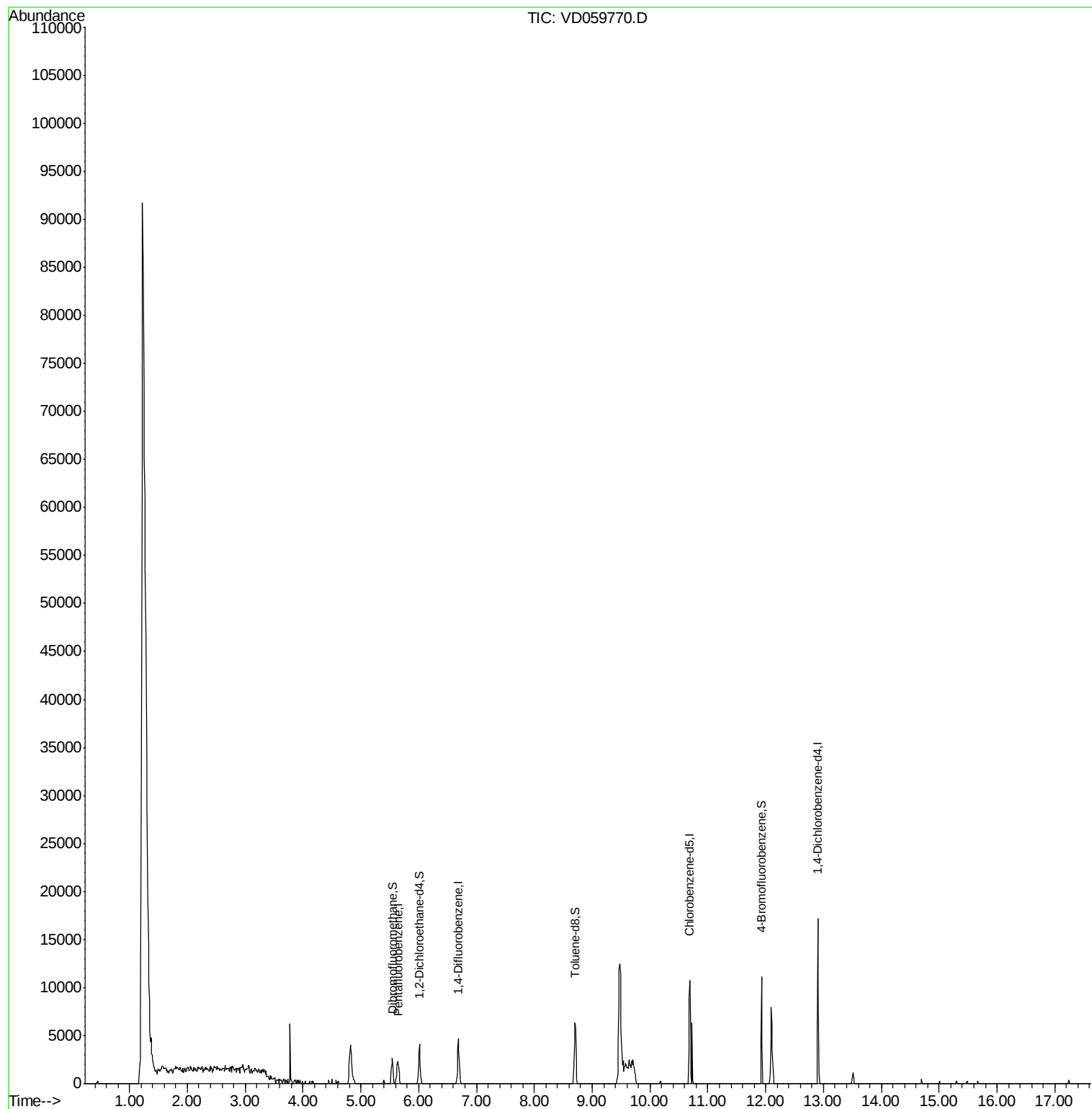
Target Compounds	Qvalue
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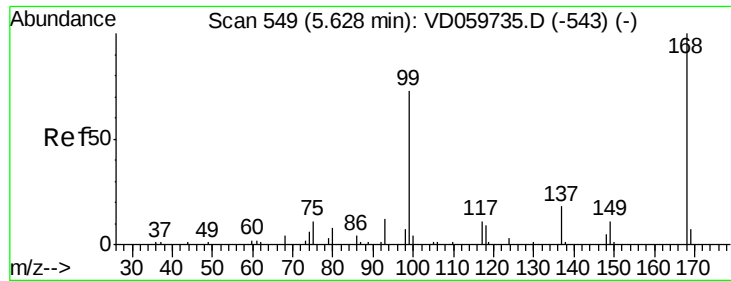
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD059770.D

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Instrument :

MSVOA_D

ClientSampleId :

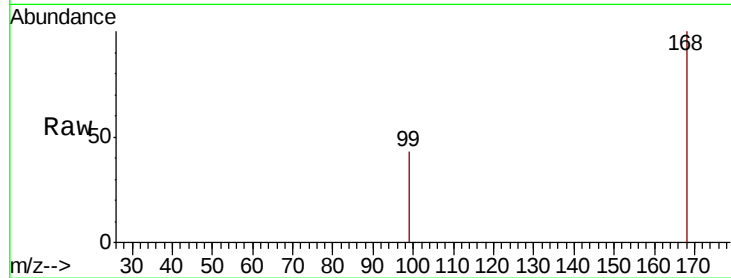
SP-1-4RE

Tot Ion:168 Resp: 4062

Ion Ratio Lower Upper

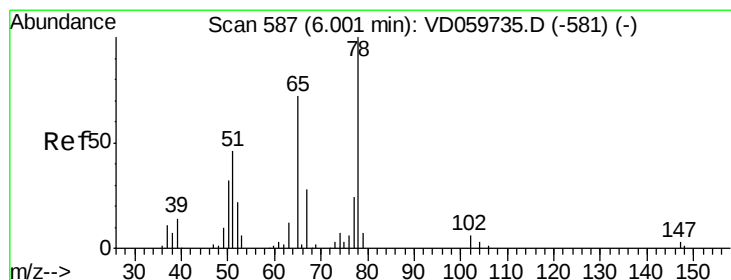
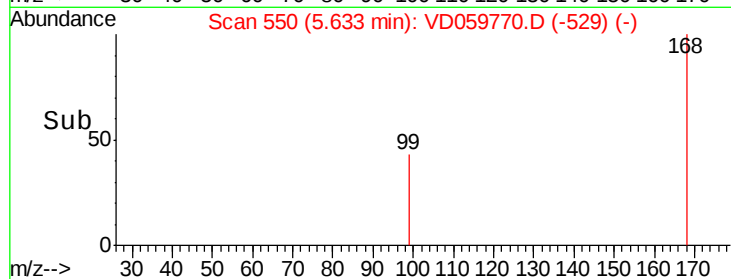
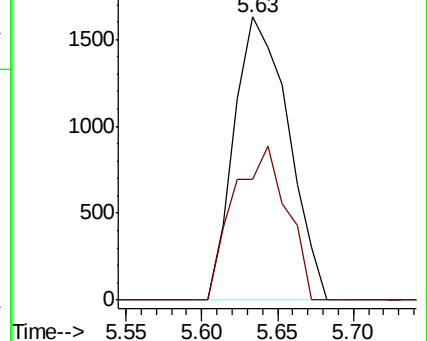
168 100

99 42.6 61.4 92.2#



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: 6.02 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD059770.D

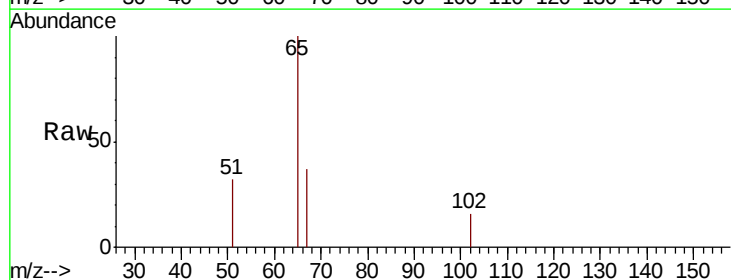
Acq: 14 Aug 2018 16:49

Tgt Ion: 65 Resp: 4911

Ion Ratio Lower Upper

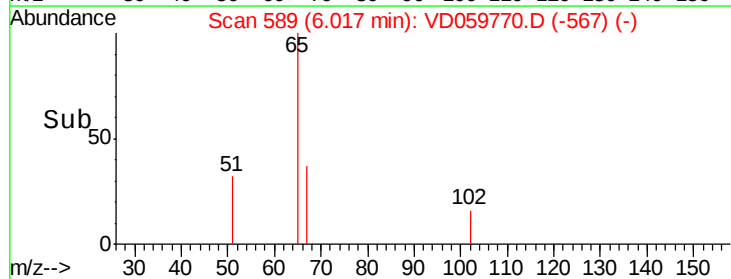
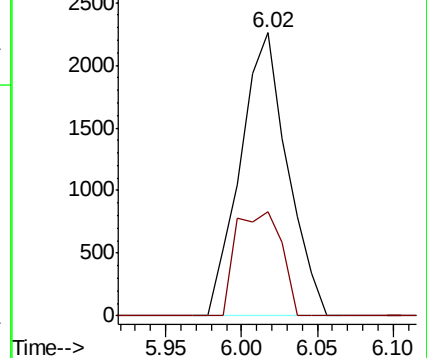
65 100

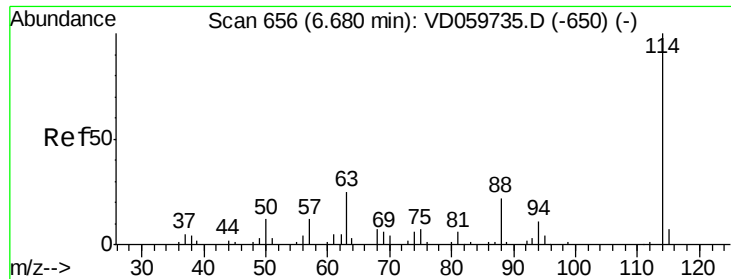
67 36.7 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

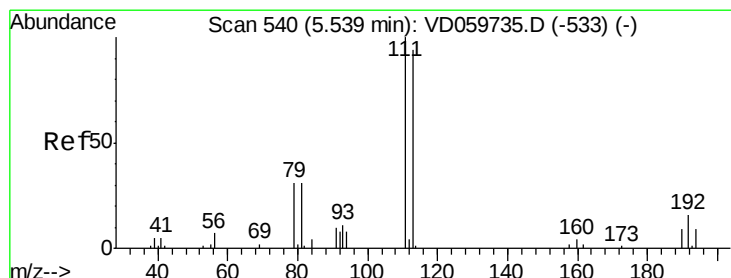
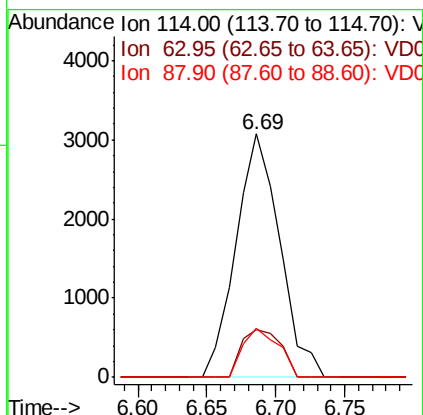
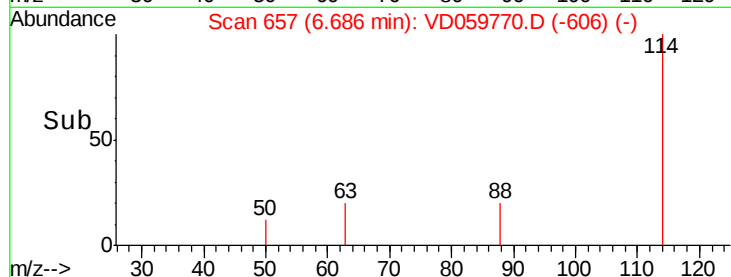
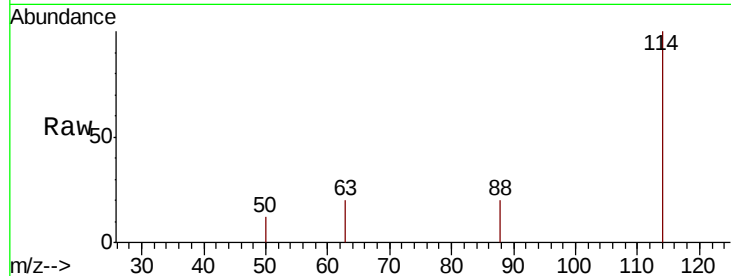




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059770.D
 Acq: 14 Aug 2018 16:49

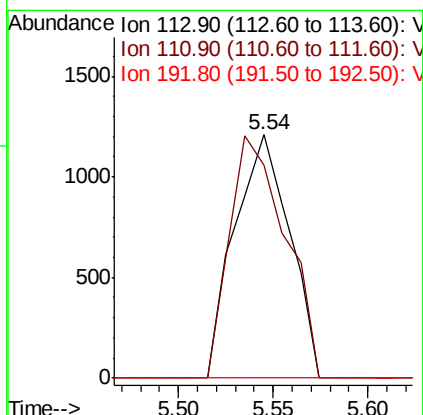
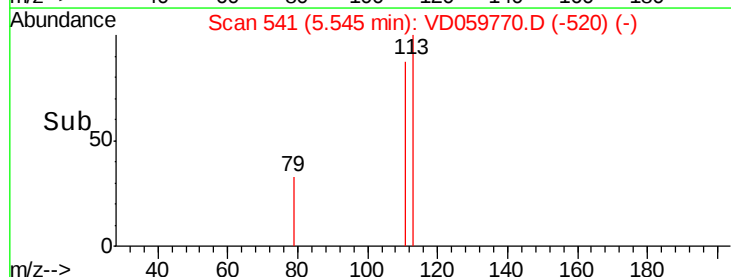
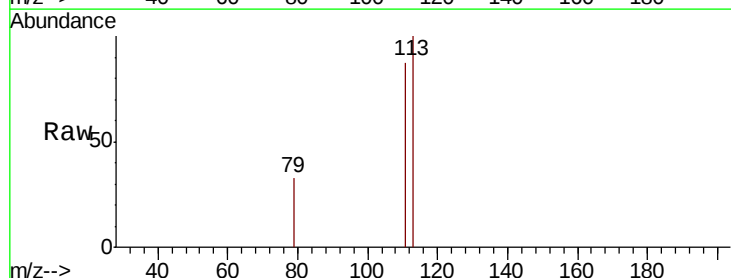
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-4RE

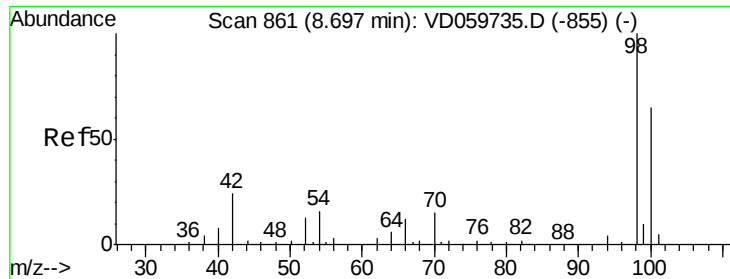
Tot Ion:114 Resp: 6799
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 50.6
 88 20.4 0.0 43.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VD059770.D
 Acq: 14 Aug 2018 16:49

Tgt Ion:113 Resp: 2437
 Ion Ratio Lower Upper
 113 100
 111 87.2 85.3 127.9
 192 0.0 13.9 20.9#

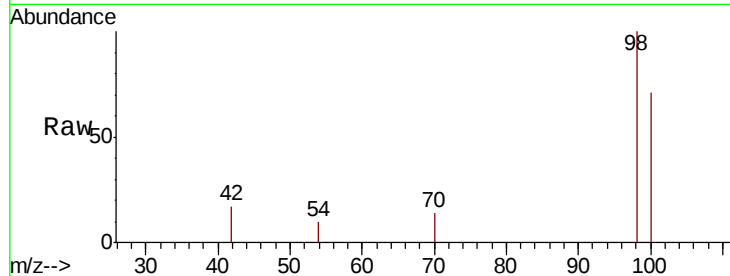




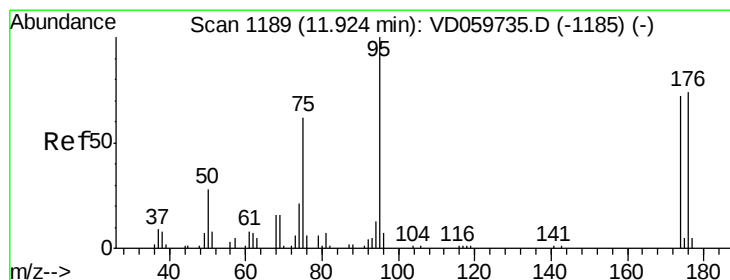
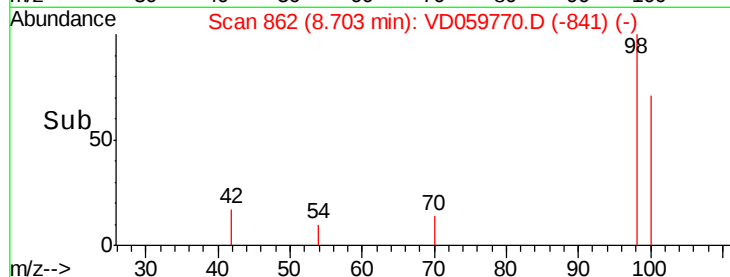
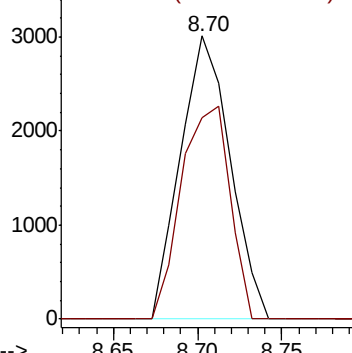
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059770.D
Acq: 14 Aug 2018 16:49

Instrument :
MSVOA_D
ClientSampleId :
SP-1-4RE

Tot Ion: 98 Resp: 6162
Ion Ratio Lower Upper
98 100
100 71.0 52.2 78.2

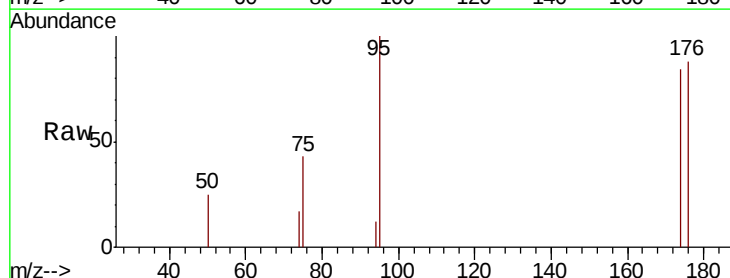


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

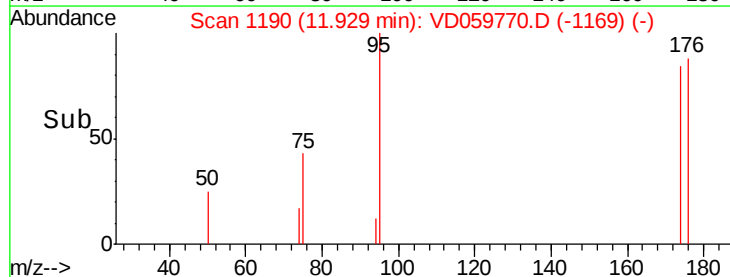
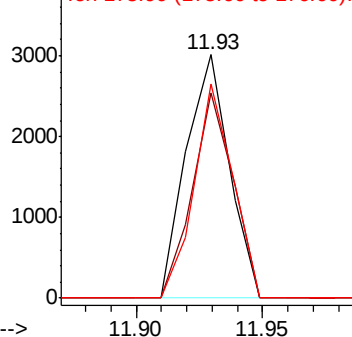


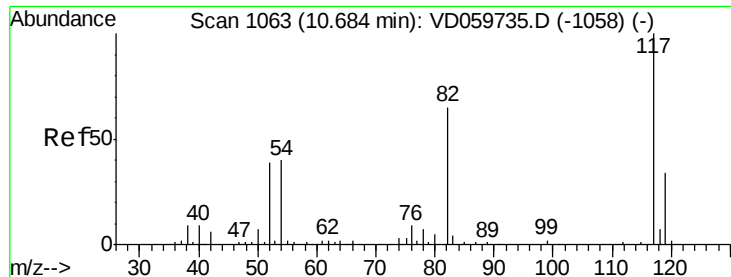
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059770.D
Acq: 14 Aug 2018 16:49

Tgt Ion: 95 Resp: 3567
Ion Ratio Lower Upper
95 100
174 84.2 0.0 143.2
176 87.8 0.0 147.2



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: VD059770.D

Acq: 14 Aug 2018 16:49

Instrument :

MSVOA_D

ClientSampleId :

SP-1-4RE

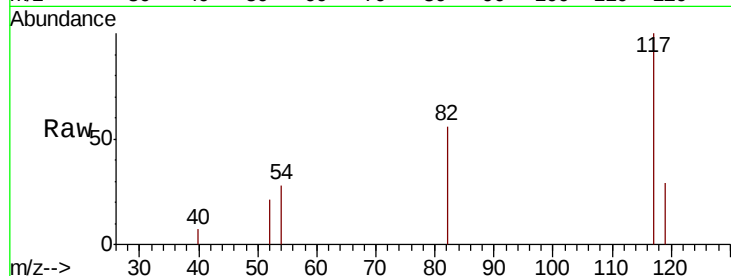
Tot Ion:117 Resp: 6895

Ion Ratio Lower Upper

117 100

82 56.2 51.9 77.9

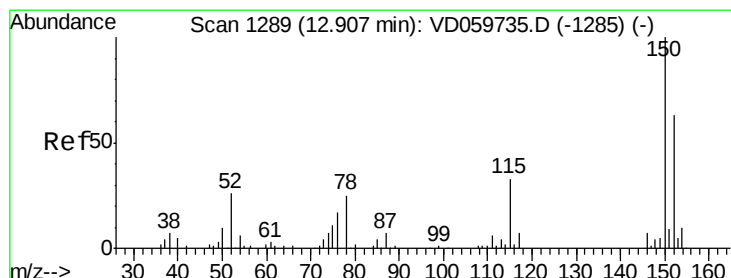
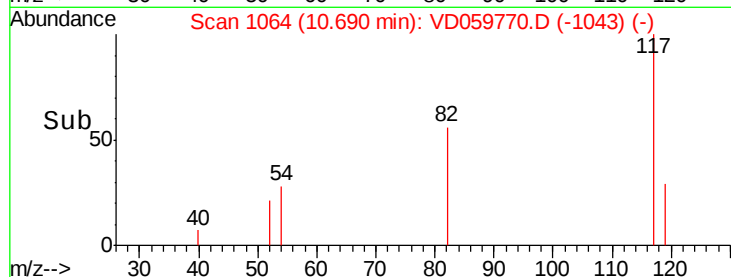
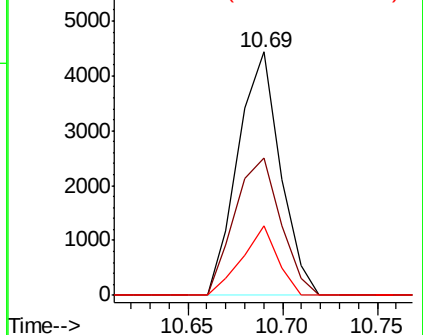
119 28.7 27.4 41.0



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: VD059770.D

Acq: 14 Aug 2018 16:49

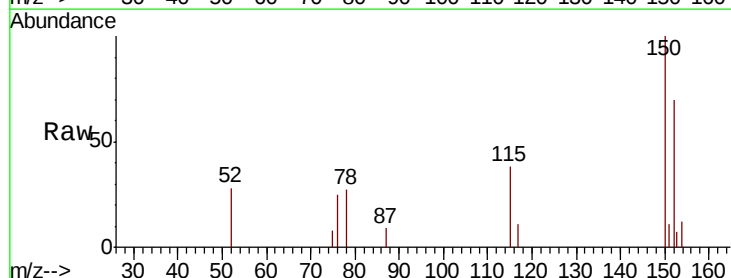
Tgt Ion:152 Resp: 4380

Ion Ratio Lower Upper

152 100

115 54.6 29.8 89.3

150 142.7 0.0 320.4



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

