

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059757.D
 Acq On : 14 Aug 2018 2:20
 Operator : VA/AP
 Sample : J4447-16
 Misc : 4.44g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-8

Quant Time: Aug 14 04:45:20 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	5.64	168	133535	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.69	114	181334	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	153600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	81193	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	122479	58.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	5.55	113	92035	49.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.71	98	156731	42.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	84.64%	
62) 4-Bromofluorobenzene	11.93	95	77584	41.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.54%	

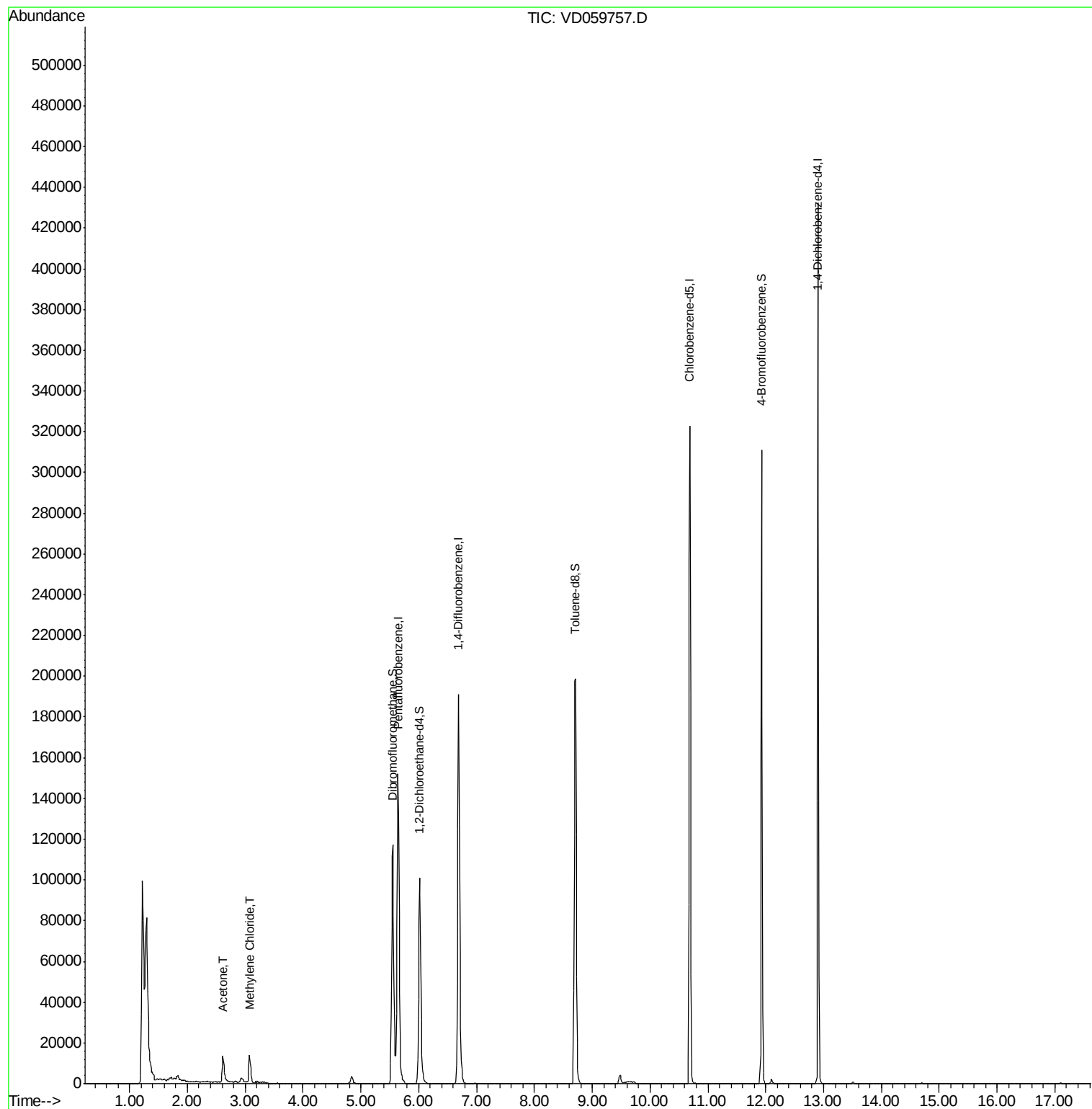
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.61	43	25997	76.14	ug/l	94
20) Methylene Chloride	3.07	84	6660	6.76	ug/l	# 89

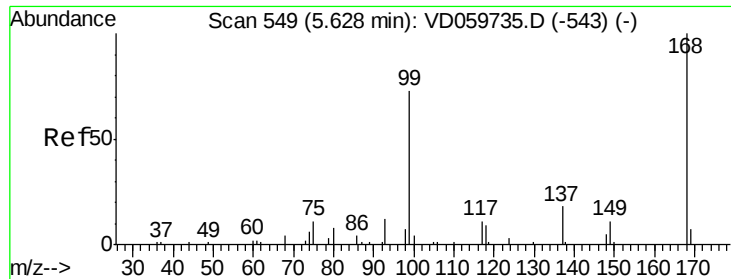
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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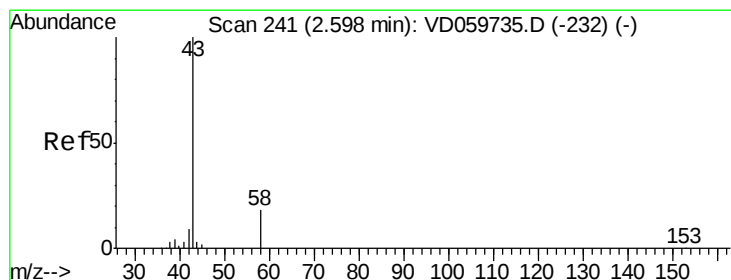
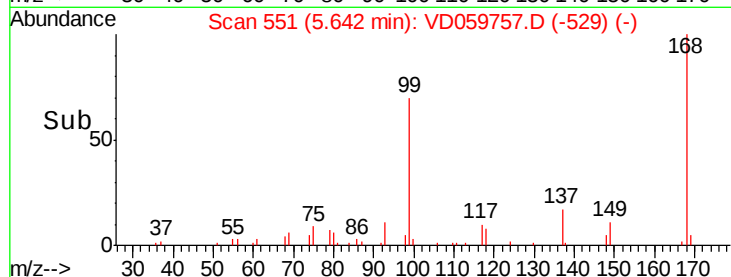
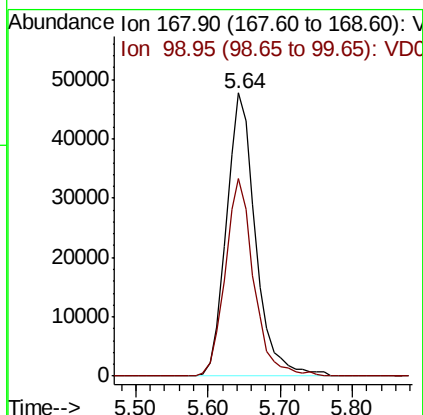
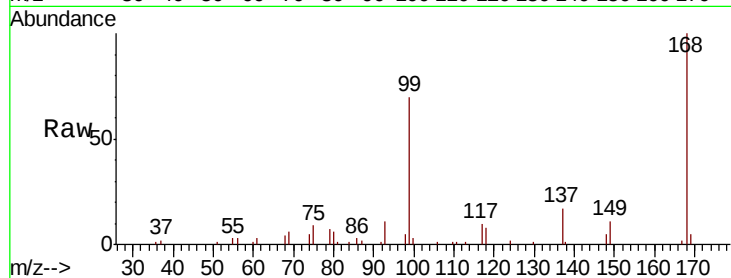




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 551
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

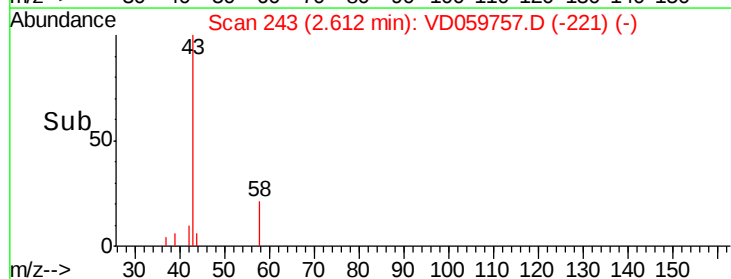
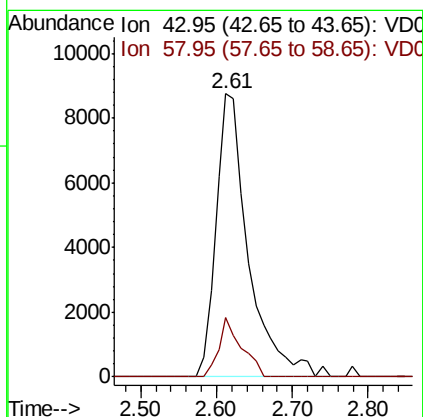
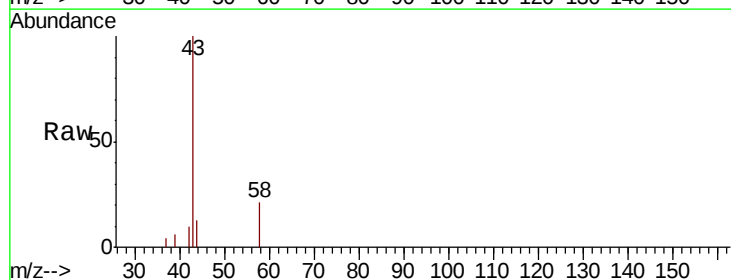
Instrument :
MSVOA_D
ClientSampleId :
SP-1-8

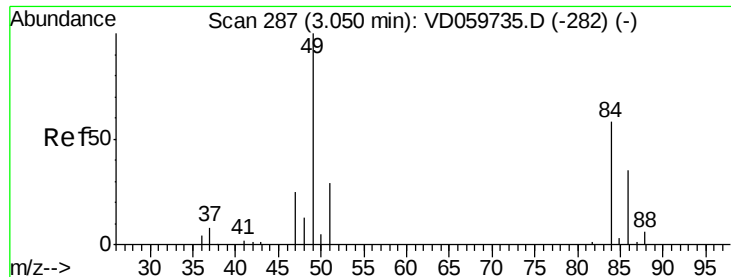
Tot Ion:168 Resp: 133535
Ion Ratio Lower Upper
168 100
99 69.9 61.4 92.2



#16
Acetone
Concen: 76.14 ug/l
RT: 2.61 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 43 Resp: 25997
Ion Ratio Lower Upper
43 100
58 20.9 14.6 21.8

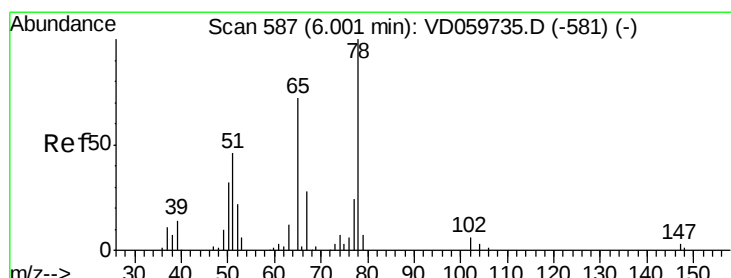
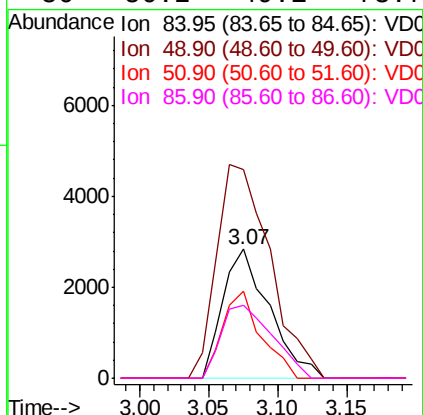
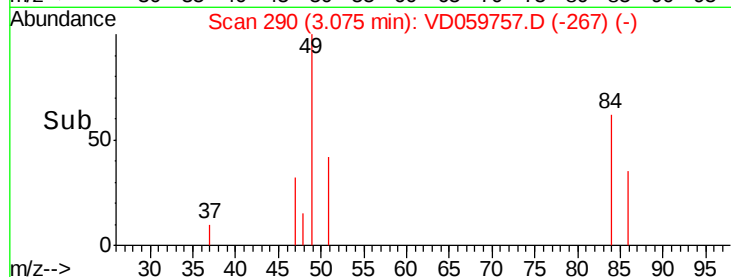
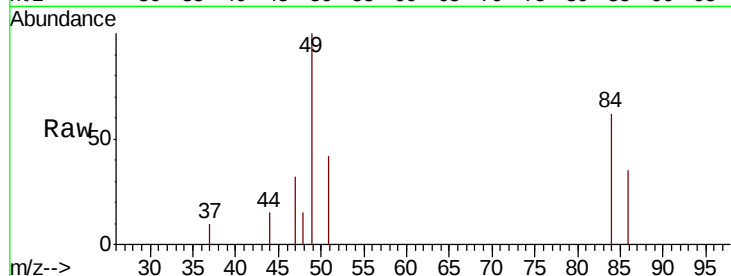




#20
Methylene Chloride
Concen: 6.76 ug/l
RT: 3.07 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

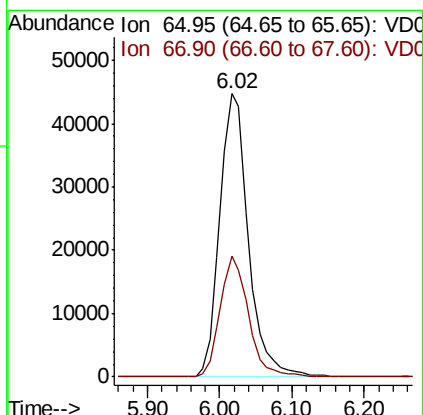
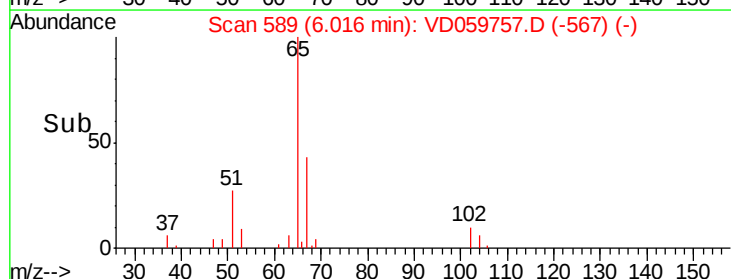
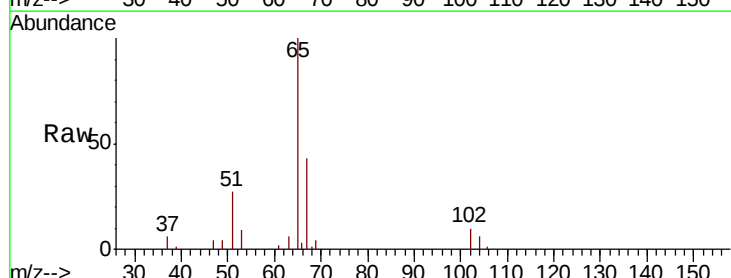
Instrument :
MSVOA_D
ClientSampleId :
SP-1-8

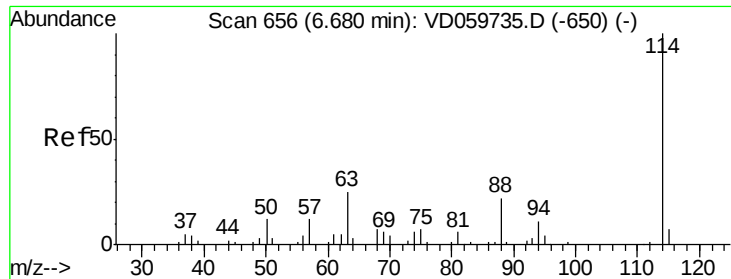
Tot Ion: 84 Resp: 6660
Ion Ratio Lower Upper
84 100
49 161.7 138.9 208.3
51 67.3 40.2 60.2#
86 56.2 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.02 min Scan# 589
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 65 Resp: 122479
Ion Ratio Lower Upper
65 100
67 42.9 0.0 77.4

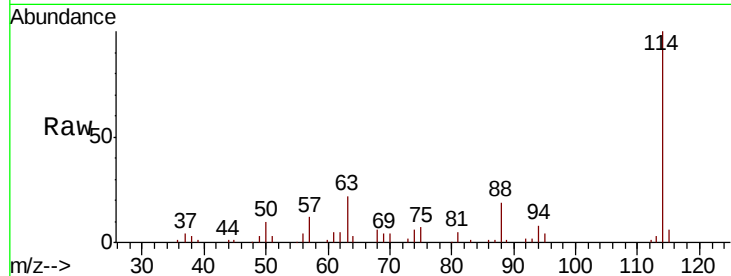




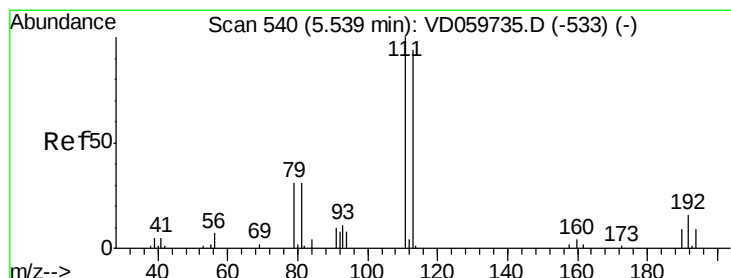
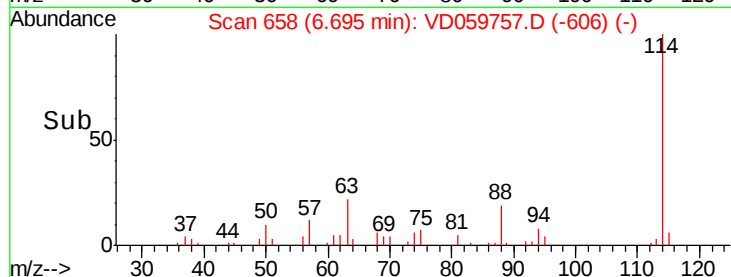
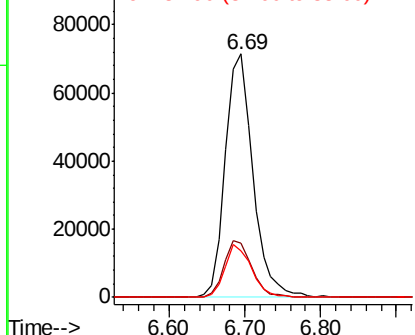
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD059757.D
 Acq: 14 Aug 2018 2:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-8

Tot Ion:114 Resp: 181334
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 50.6
 88 19.0 0.0 43.4

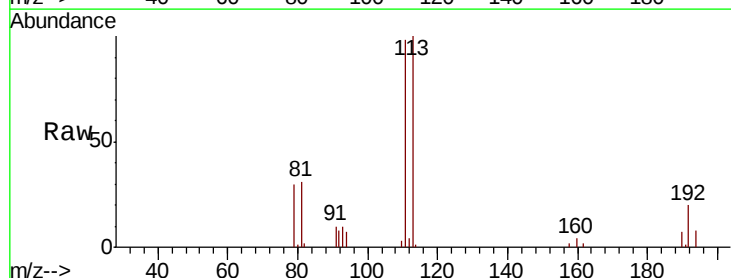


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

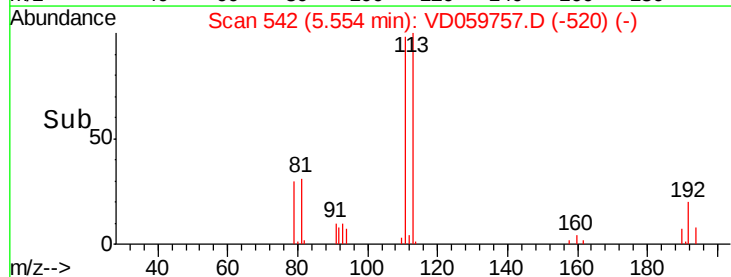
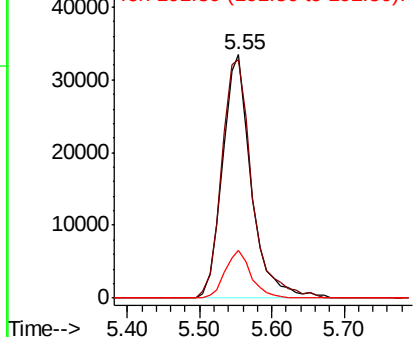


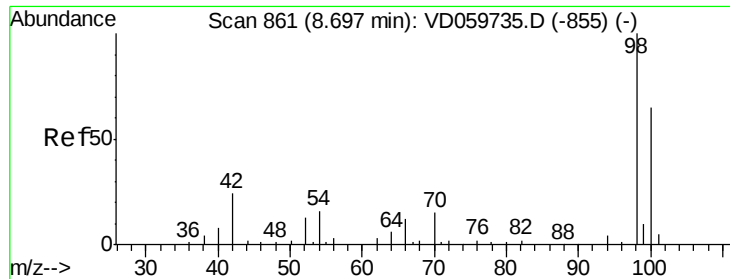
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.55 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD059757.D
 Acq: 14 Aug 2018 2:20

Tgt Ion:113 Resp: 92035
 Ion Ratio Lower Upper
 113 100
 111 97.9 85.3 127.9
 192 19.7 13.9 20.9



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

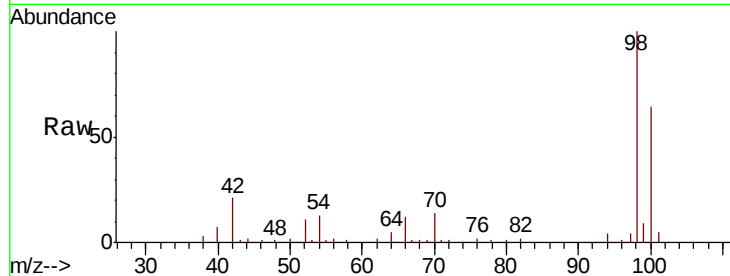




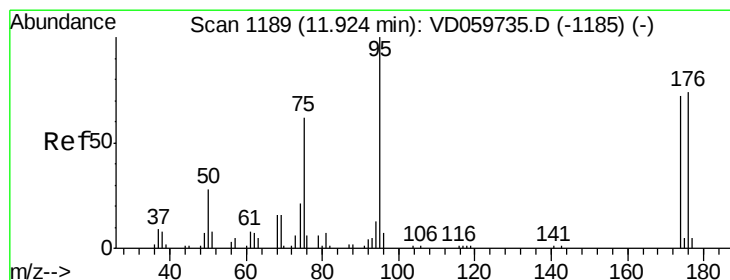
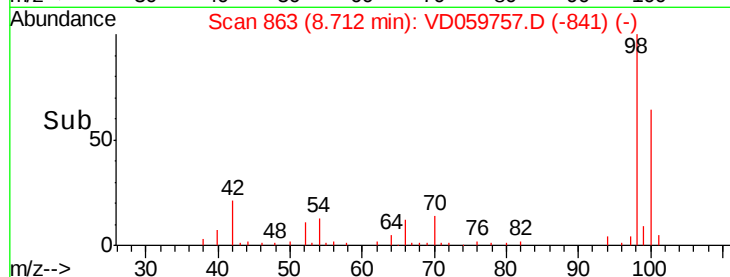
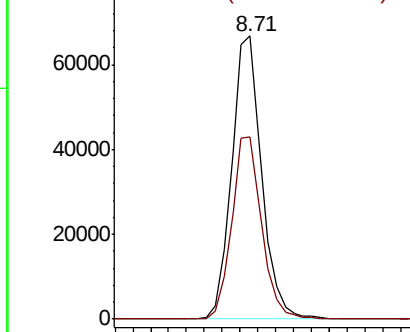
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Instrument :
MSVOA_D
ClientSampleId :
SP-1-8

Tot Ion: 98 Resp: 156731
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

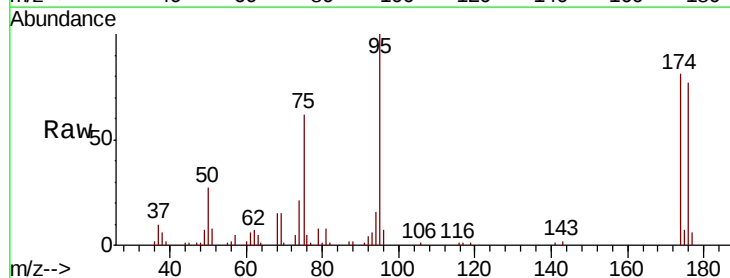


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

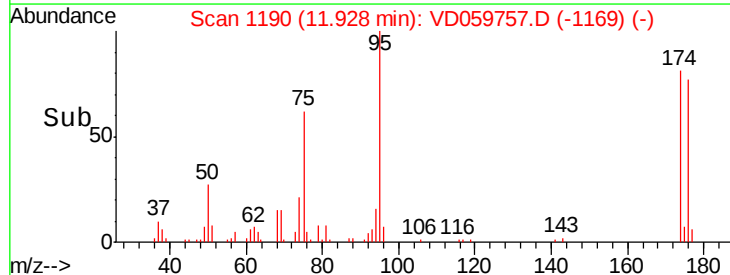
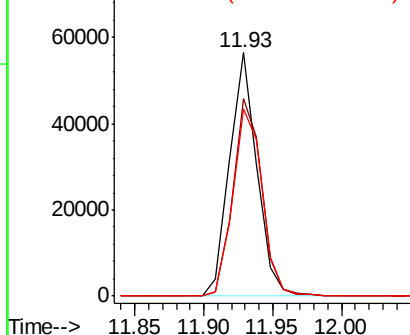


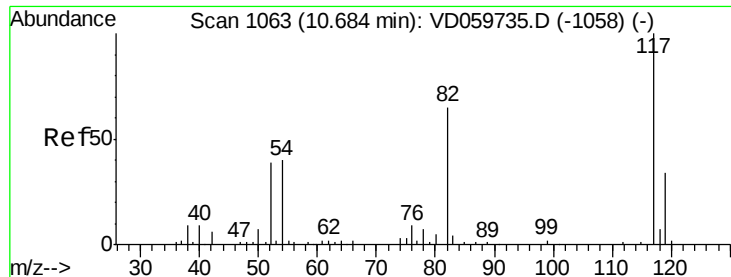
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059757.D
Acq: 14 Aug 2018 2:20

Tgt Ion: 95 Resp: 77584
Ion Ratio Lower Upper
95 100
174 81.2 0.0 143.2
176 77.1 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VD059757.D

Acq: 14 Aug 2018 2:20

Instrument :

MSVOA_D

ClientSampleId :

SP-1-8

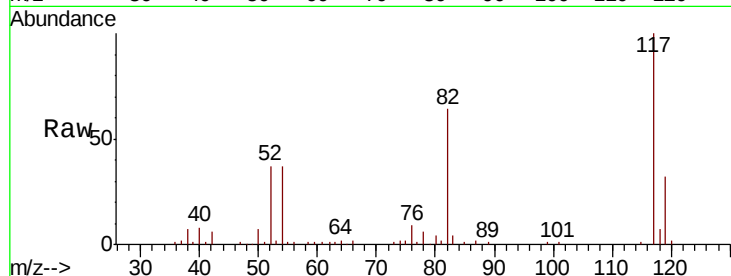
Tot Ion:117 Resp: 153600

Ion Ratio Lower Upper

117 100

82 64.1 51.9 77.9

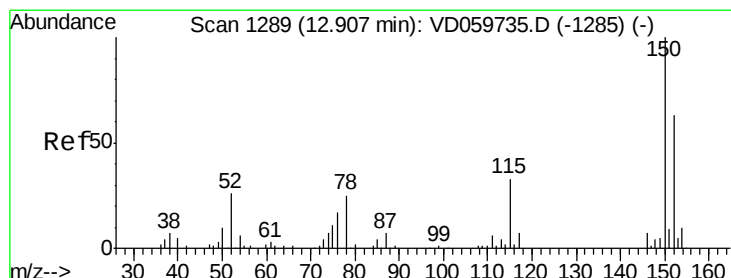
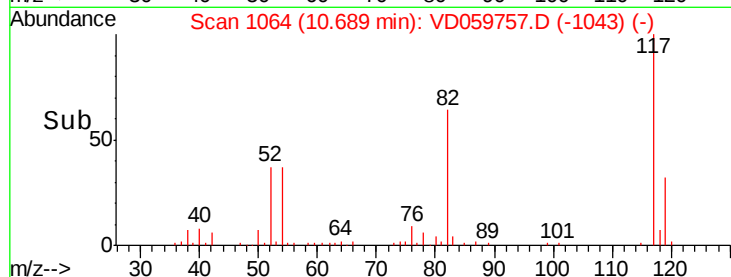
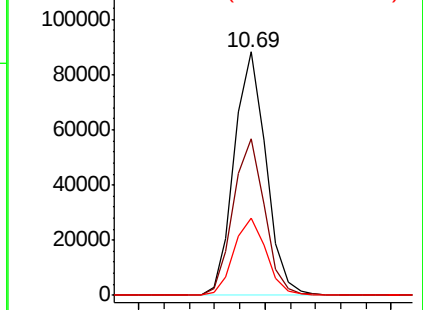
119 31.6 27.4 41.0



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: VD059757.D

Acq: 14 Aug 2018 2:20

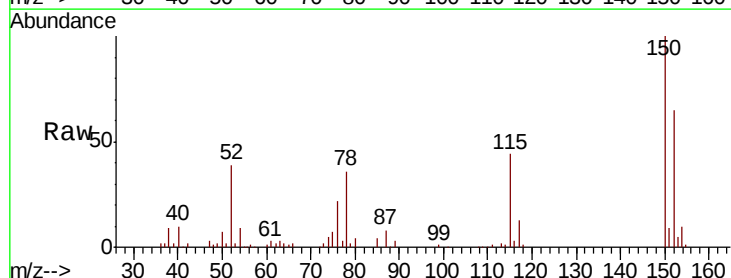
Tgt Ion:152 Resp: 81193

Ion Ratio Lower Upper

152 100

115 66.8 29.8 89.3

150 153.5 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

