

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081418\
 Data File : VD059771.D
 Acq On : 14 Aug 2018 17:18
 Operator : VA/AP
 Sample : J4442-41RE
 Misc : 6.83g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-5RE

Quant Time: Aug 15 11:17:41 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	2391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	4537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	3889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	2409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	2480	66.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	132.54%	
35) Dibromofluoromethane	5.54	113	1691	36.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.38%	
50) Toluene-d8	8.70	98	3963	42.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.54%	
62) 4-Bromofluorobenzene	11.93	95	2060	44.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.64%	

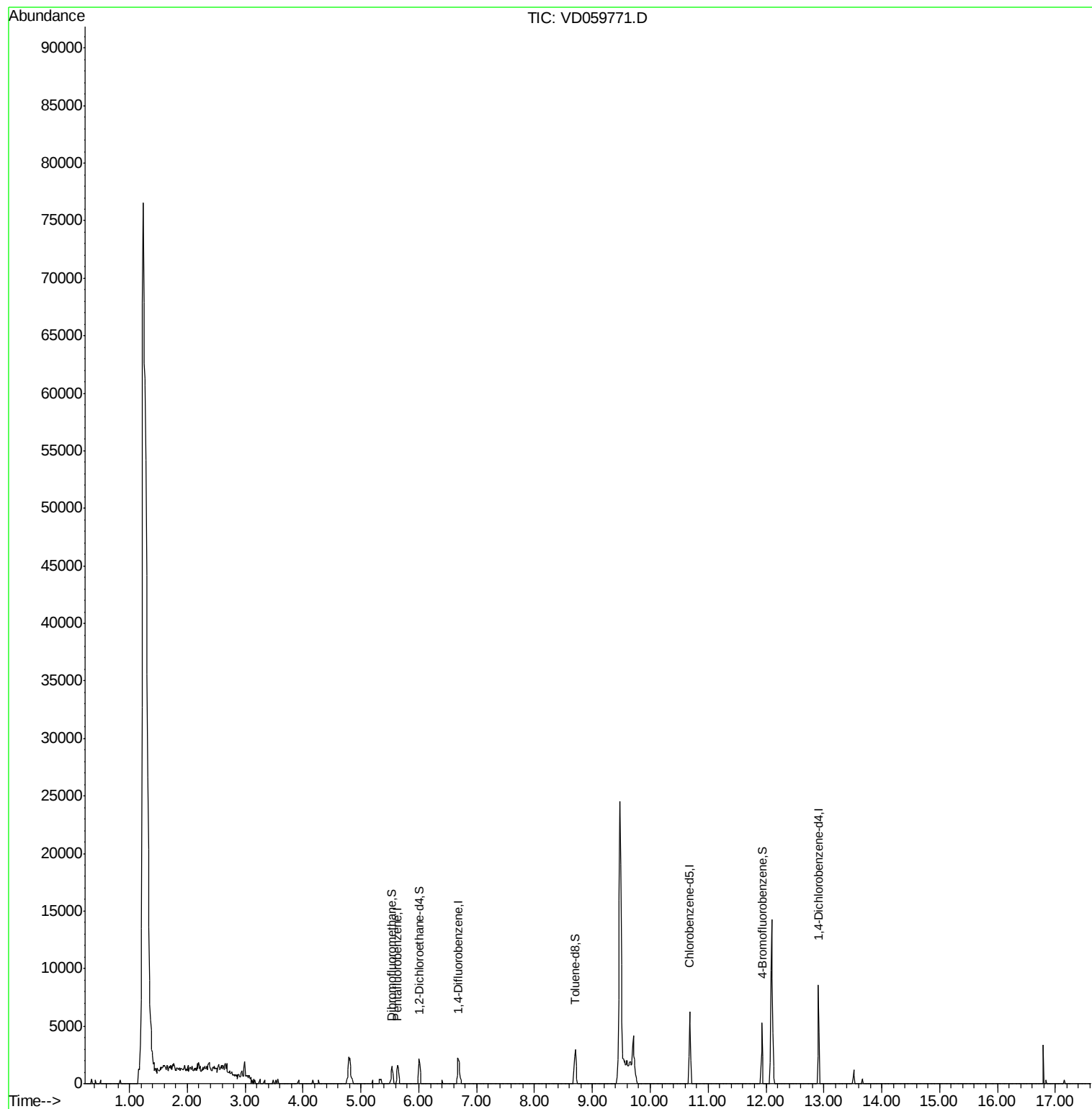
Target Compounds	Qvalue

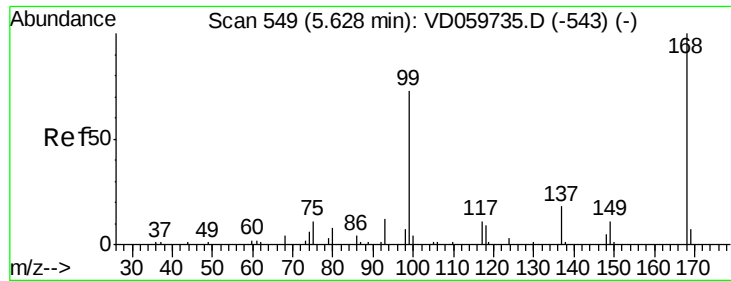
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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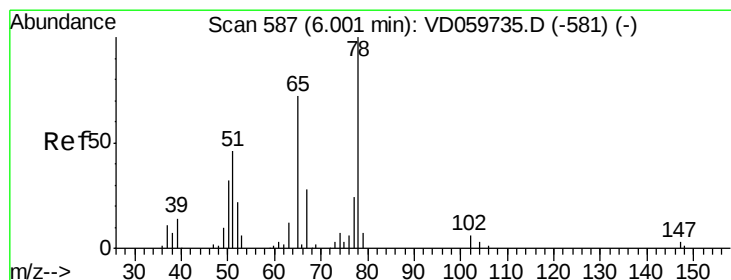
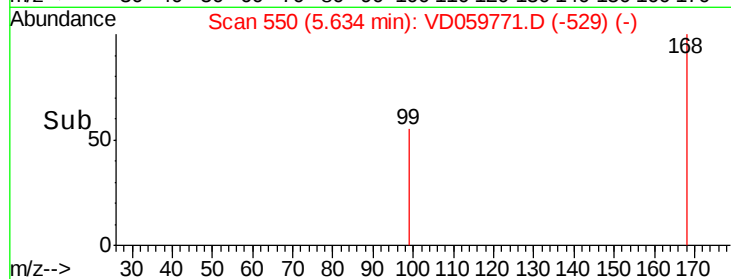
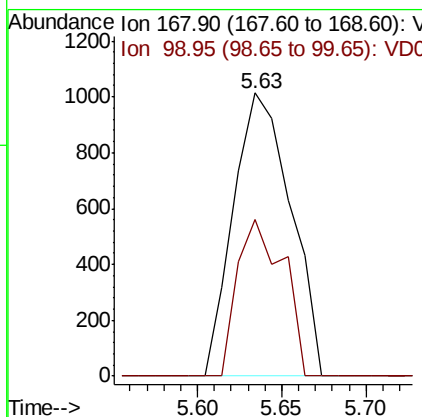
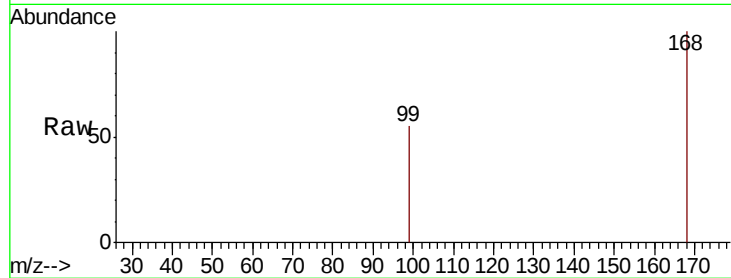




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059771.D
Acq: 14 Aug 2018 17:18

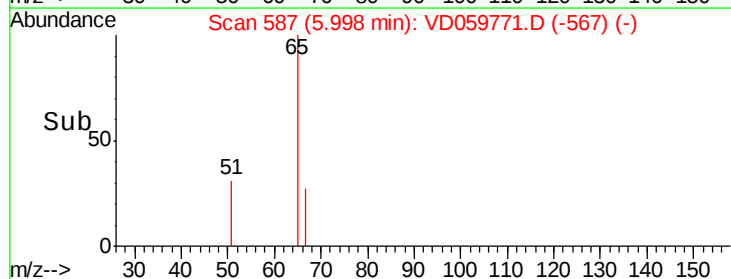
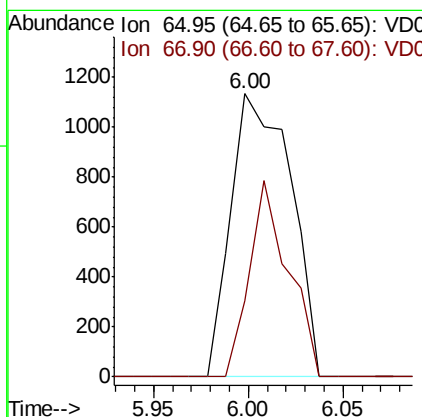
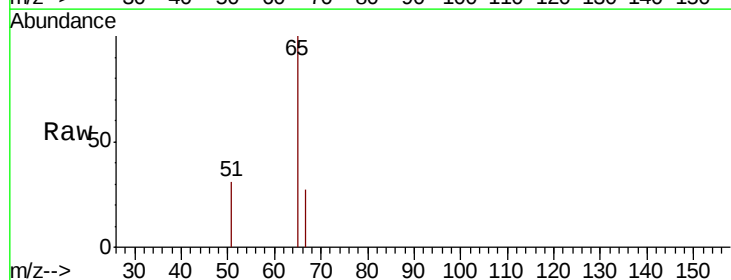
Instrument :
MSVOA_D
ClientSampleId :
SP-1-5RE

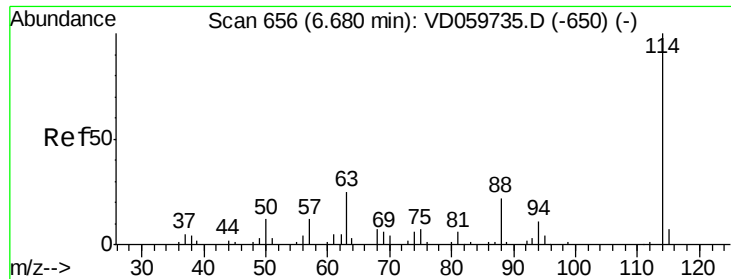
Tot Ion:168 Resp: 2391
Ion Ratio Lower Upper
168 100
99 55.2 61.4 92.2#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.00 min
Lab File: VD059771.D
Acq: 14 Aug 2018 17:18

Tgt Ion: 65 Resp: 2480
Ion Ratio Lower Upper
65 100
67 27.0 0.0 77.4

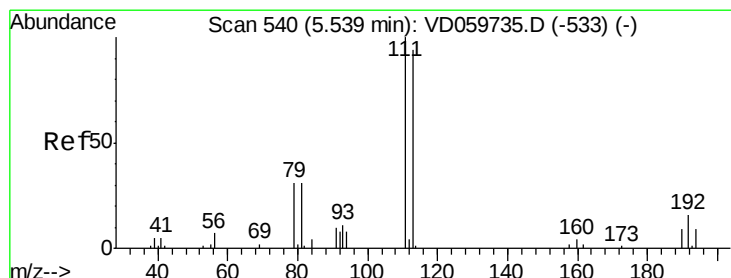
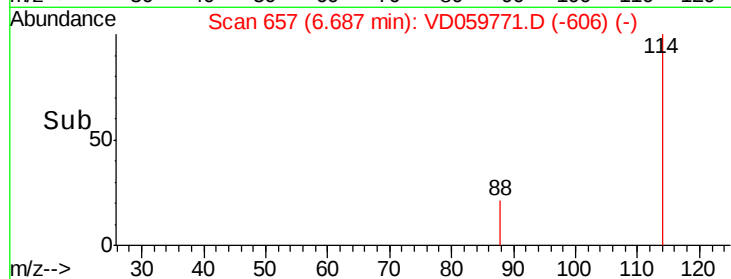
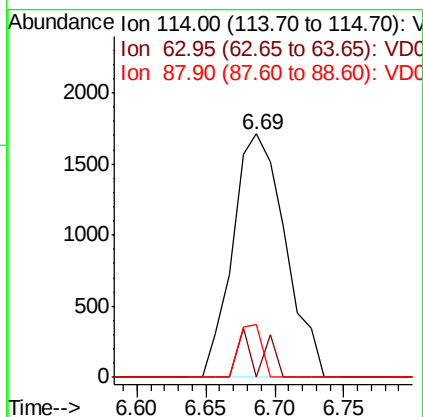
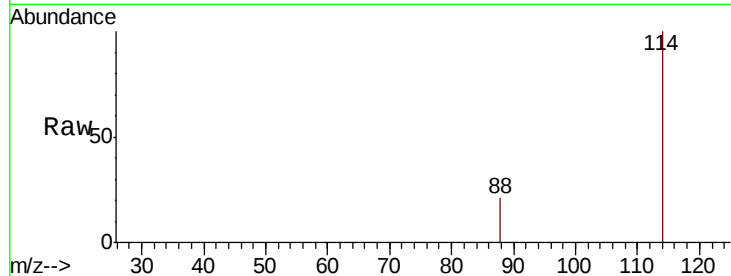




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: VD059771.D
 Acq: 14 Aug 2018 17:18

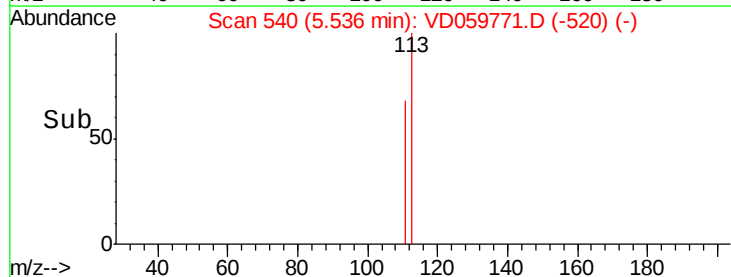
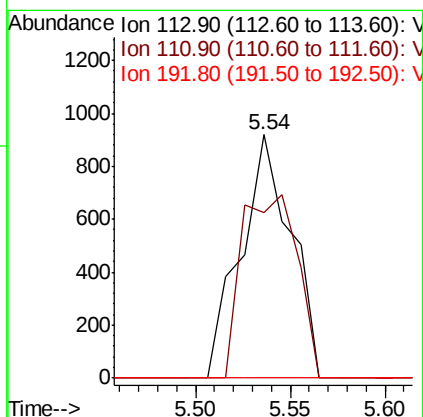
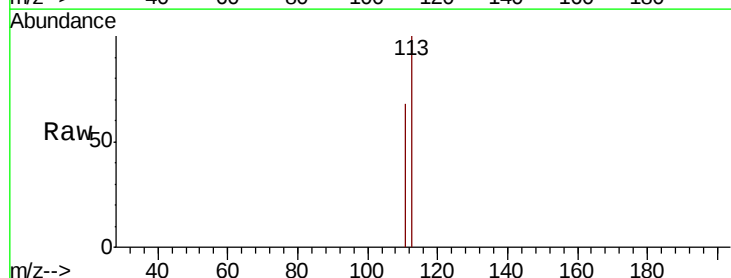
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-5RE

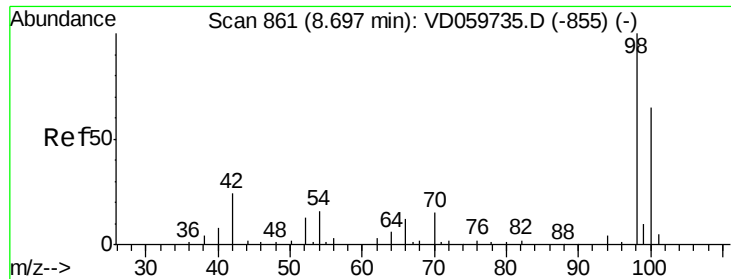
Tot Ion:114 Resp: 4537
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 50.6
 88 21.5 0.0 43.4



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: VD059771.D
 Acq: 14 Aug 2018 17:18

Tgt Ion:113 Resp: 1691
 Ion Ratio Lower Upper
 113 100
 111 68.0 85.3 127.9#
 192 0.0 13.9 20.9#

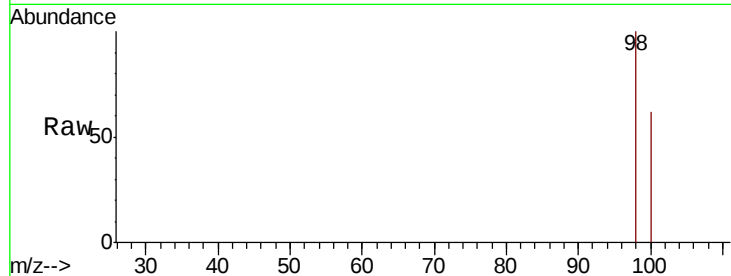




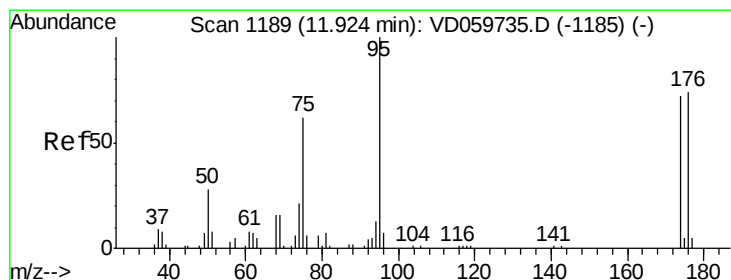
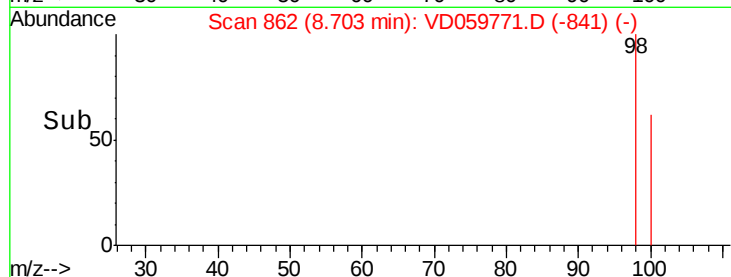
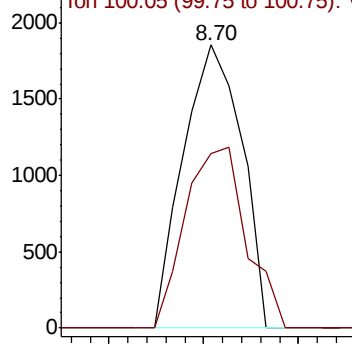
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059771.D
Acq: 14 Aug 2018 17:18

Instrument :
MSVOA_D
ClientSampleId :
SP-1-5RE

Tot Ion: 98 Resp: 3963
Ion Ratio Lower Upper
98 100
100 61.5 52.2 78.2

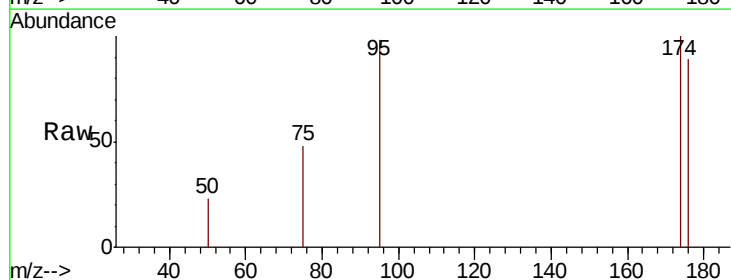


Abundance Ion 98.05 (97.75 to 98.75): VD059735.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059735.D (-855) (-)

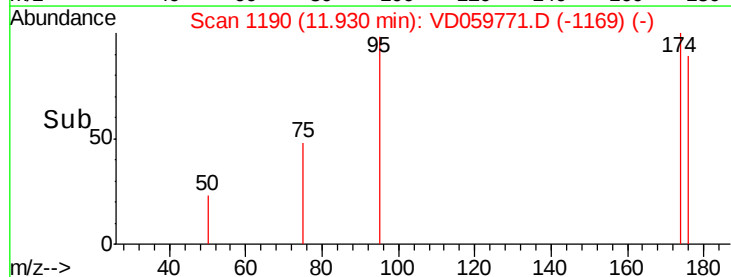
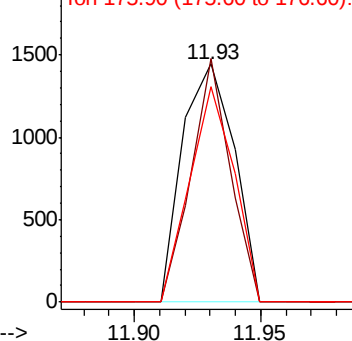


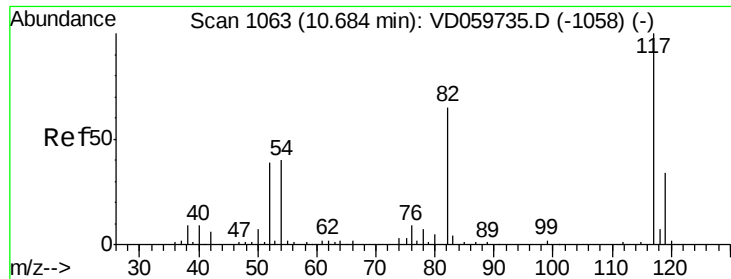
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059771.D
Acq: 14 Aug 2018 17:18

Tgt Ion: 95 Resp: 2060
Ion Ratio Lower Upper
95 100
174 102.2 0.0 143.2
176 90.7 0.0 147.2



Abundance Ion 95.00 (94.70 to 95.70): VD059735.D (-1185) (-)
Ion 173.90 (173.60 to 174.60): VD059735.D (-1185) (-)
Ion 175.90 (175.60 to 176.60): VD059735.D (-1185) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VD059771.D

Acq: 14 Aug 2018 17:18

Instrument :

MSVOA_D

ClientSampleId :

SP-1-5RE

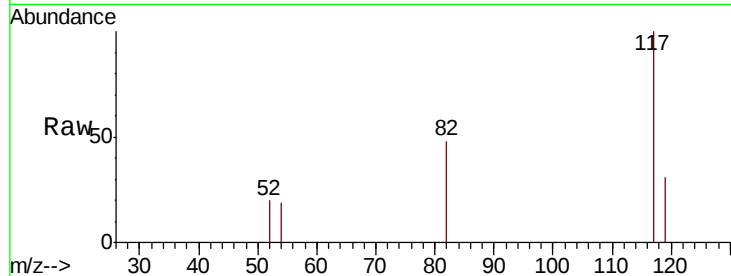
Tot Ion:117 Resp: 3889

Ion Ratio Lower Upper

117 100

82 47.5 51.9 77.9#

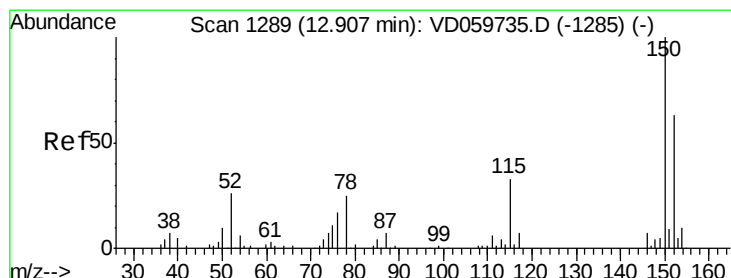
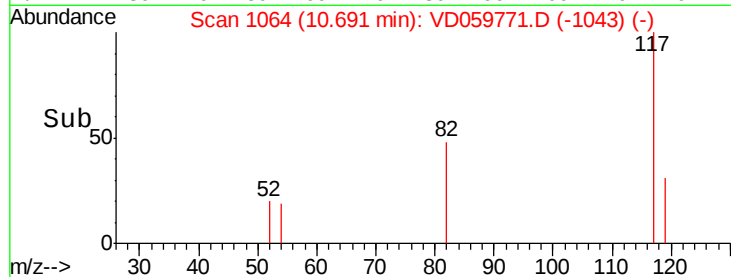
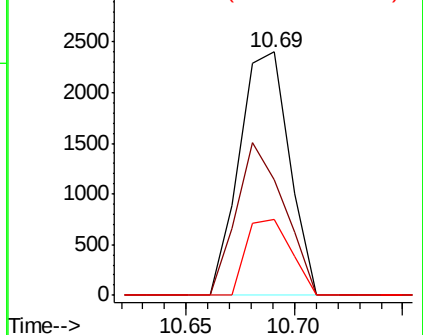
119 31.3 27.4 41.0



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: VD059771.D

Acq: 14 Aug 2018 17:18

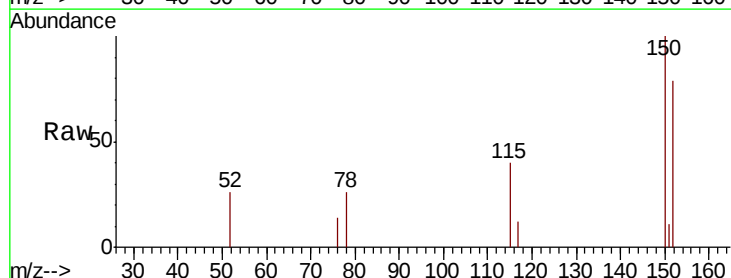
Tgt Ion:152 Resp: 2409

Ion Ratio Lower Upper

152 100

115 50.7 29.8 89.3

150 127.3 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

