

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059749.D
 Acq On : 13 Aug 2018 22:35
 Operator : VA/AP
 Sample : J4442-01
 Misc : 5.21g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Aug 14 04:34:19 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	2169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	3626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	4095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	2515	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	2717	80.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.06%	
35) Dibromofluoromethane	5.53	113	1640	43.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.84%	
50) Toluene-d8	8.71	98	4147	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
62) 4-Bromofluorobenzene	11.93	95	2372	63.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.72%	

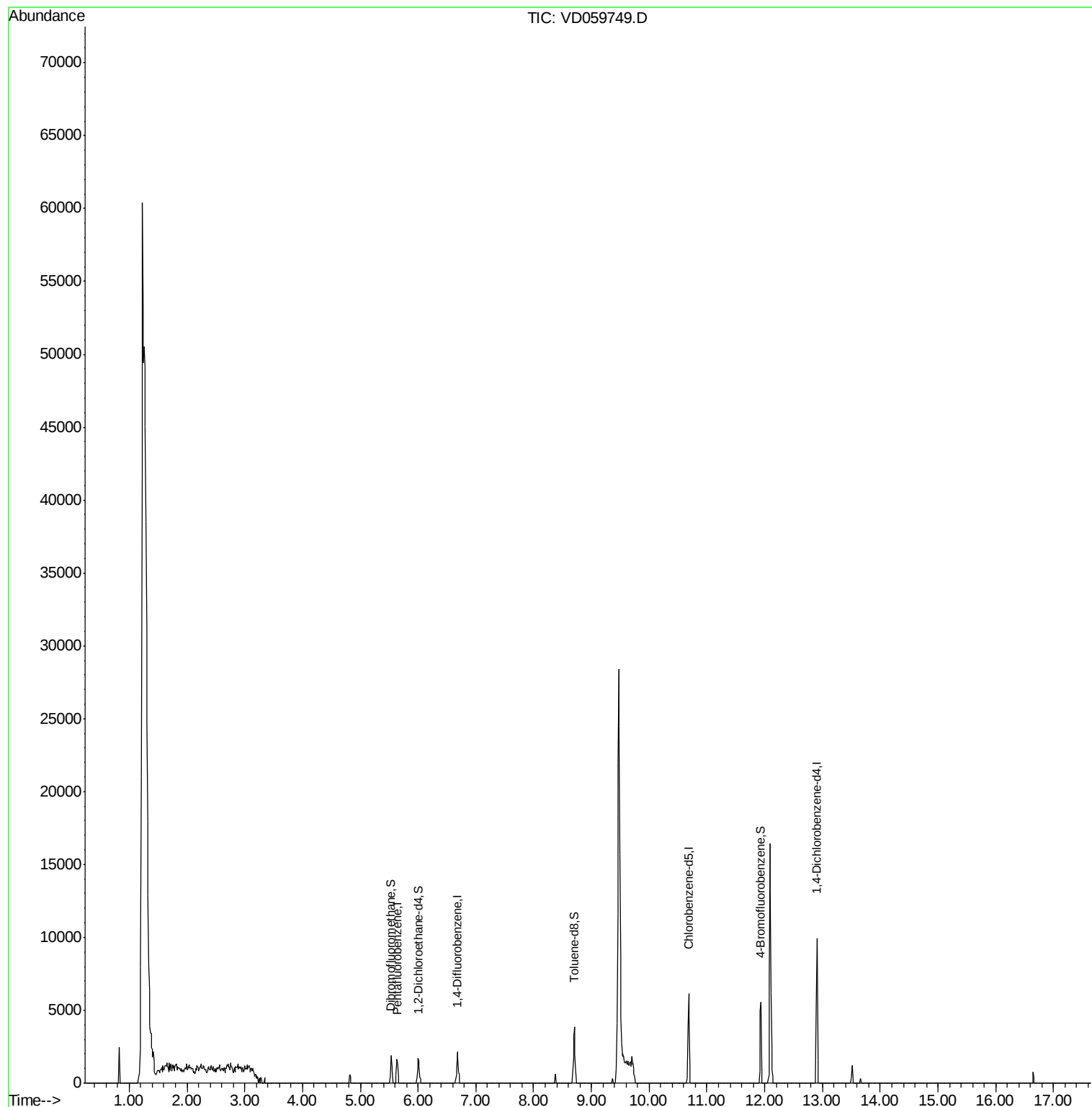
Target Compounds	Qvalue

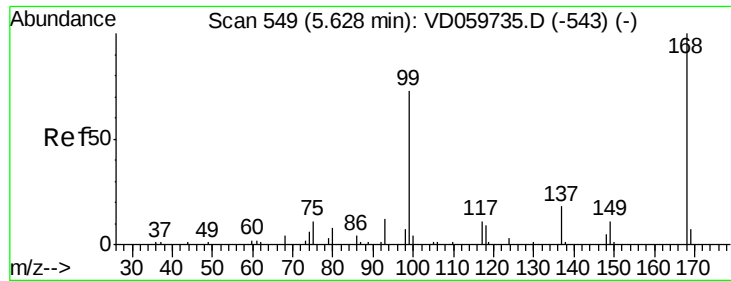
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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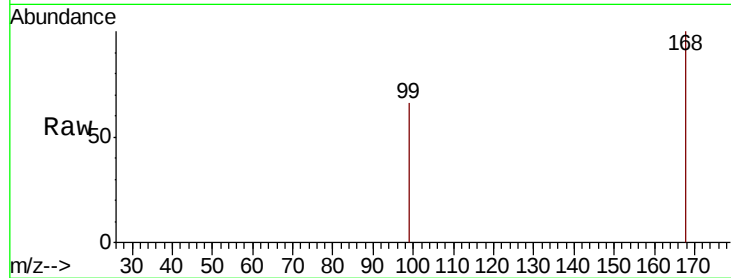




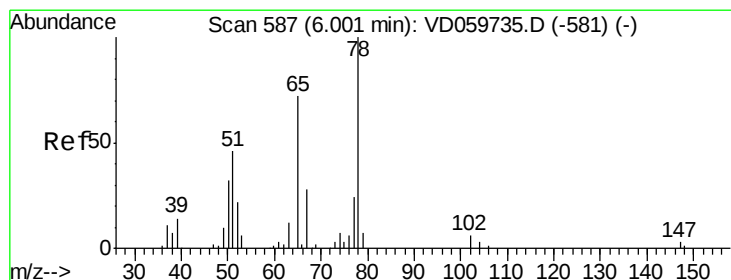
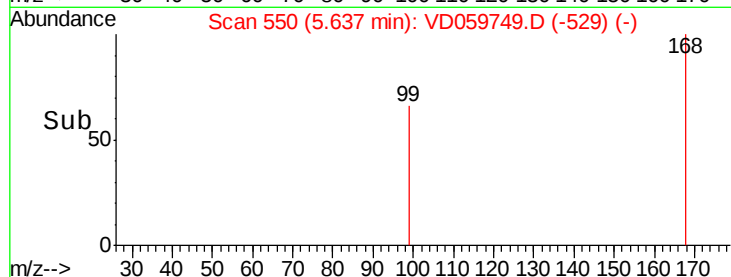
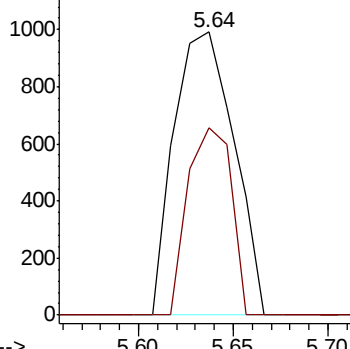
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.01 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

Tot Ion:168 Resp: 2169
Ion Ratio Lower Upper
168 100
99 66.3 61.4 92.2

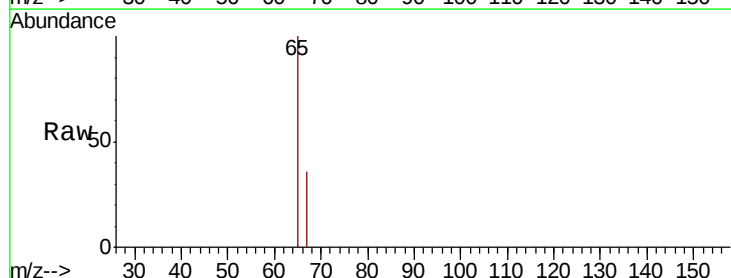


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.95 (98.65 to 99.65): VDC

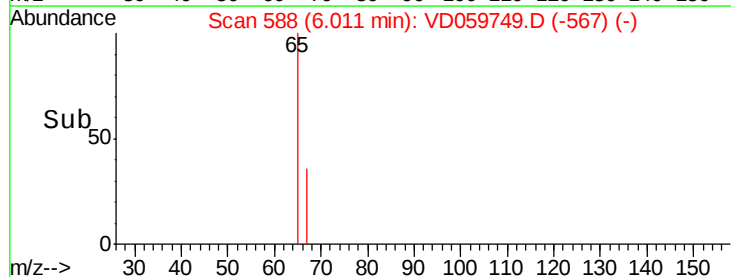
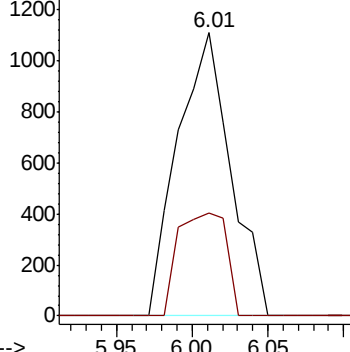


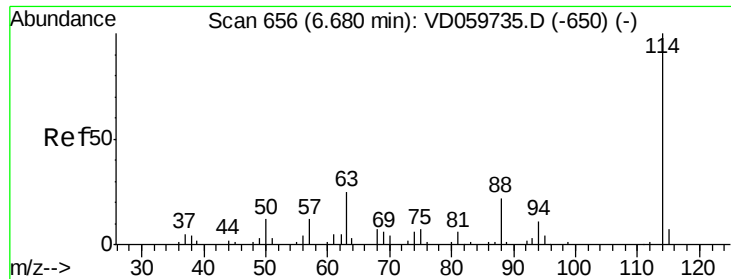
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. 0.01 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Tgt Ion: 65 Resp: 2717
Ion Ratio Lower Upper
65 100
67 36.3 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: 6.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: VD059749.D

Acq: 13 Aug 2018 22:35

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

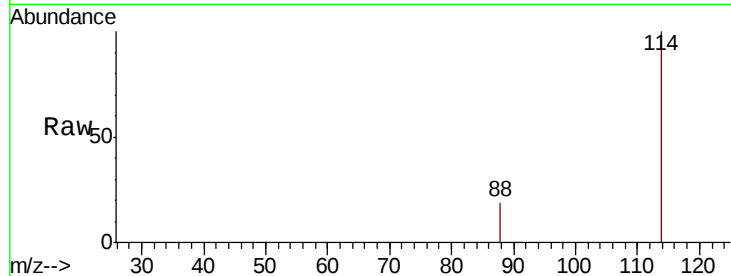
Tot Ion:114 Resp: 3626

Ion Ratio Lower Upper

114 100

63 0.0 0.0 50.6

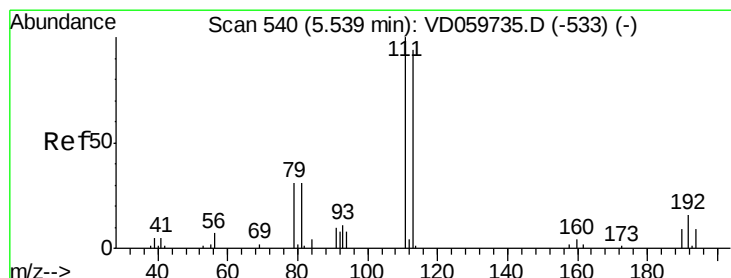
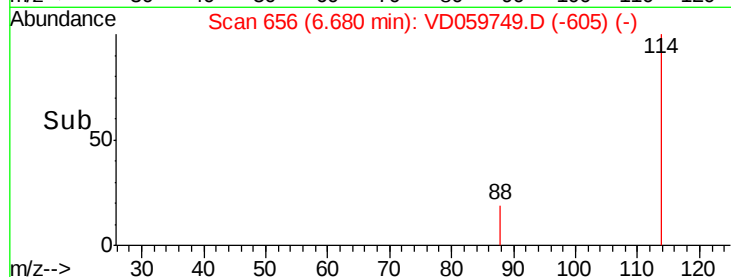
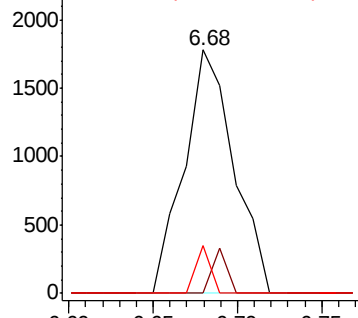
88 19.5 0.0 43.4



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: 5.53 min Scan# 539

Delta R.T. -0.01 min

Lab File: VD059749.D

Acq: 13 Aug 2018 22:35

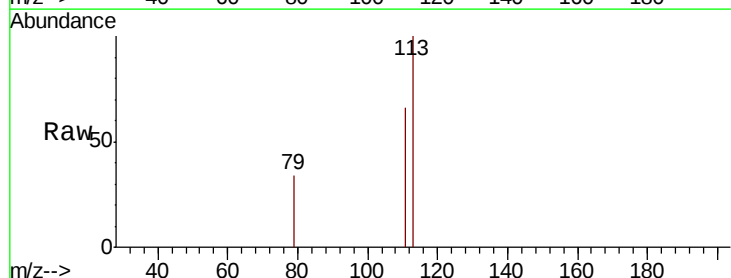
Tgt Ion:113 Resp: 1640

Ion Ratio Lower Upper

113 100

111 66.1 85.3 127.9#

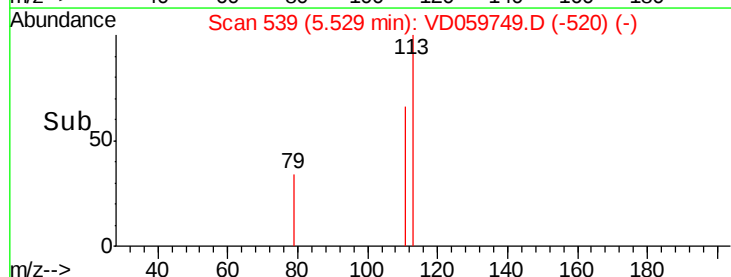
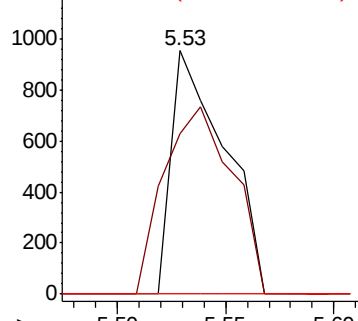
192 0.0 13.9 20.9#

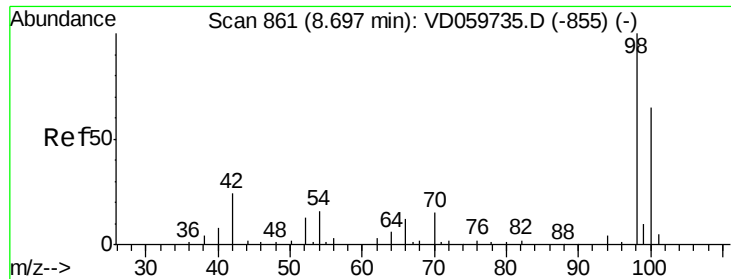


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

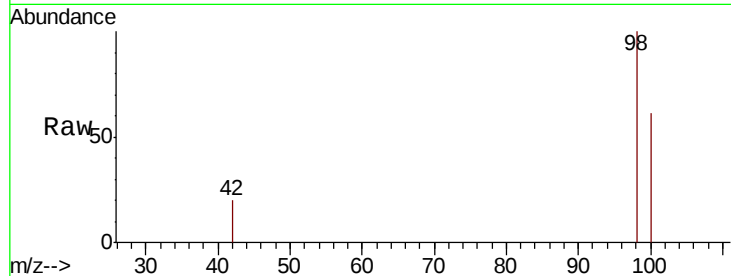




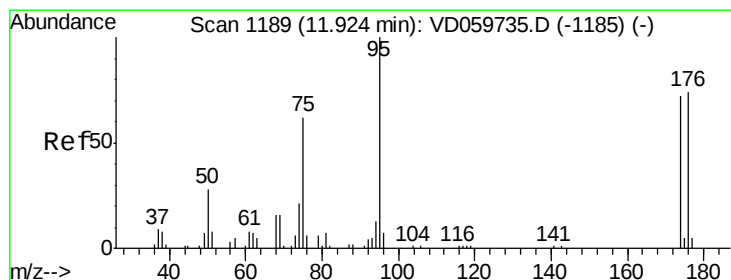
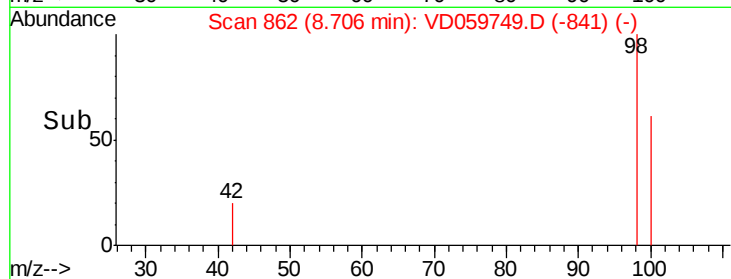
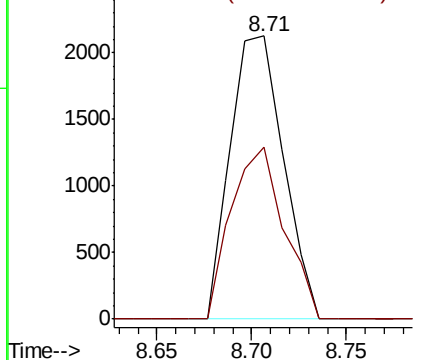
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.01 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Instrument :
MSVOA_D
ClientSampleID :
SP-1-1

Tot Ion: 98 Resp: 4147
Ion Ratio Lower Upper
98 100
100 60.7 52.2 78.2

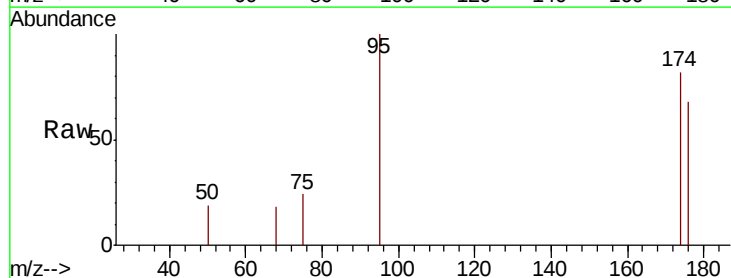


Abundance Ion 98.05 (97.75 to 98.75): VD059735.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD059735.D (-855) (-)

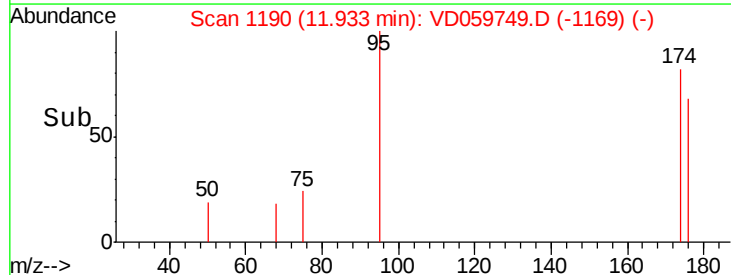
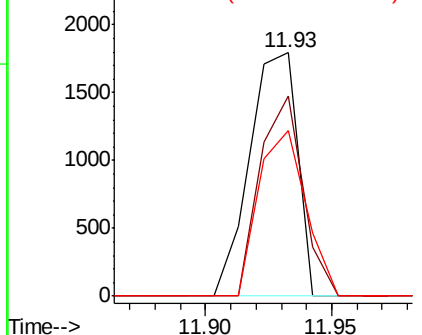


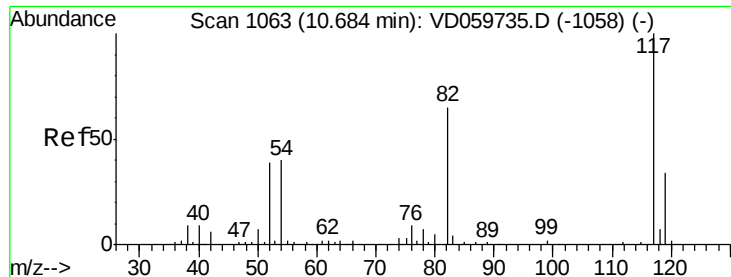
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Tgt Ion: 95 Resp: 2372
Ion Ratio Lower Upper
95 100
174 82.4 0.0 143.2
176 68.1 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) (-)

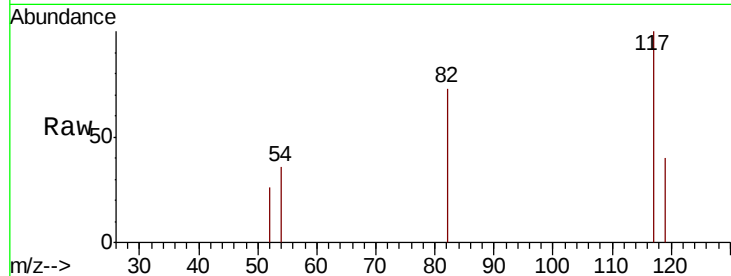




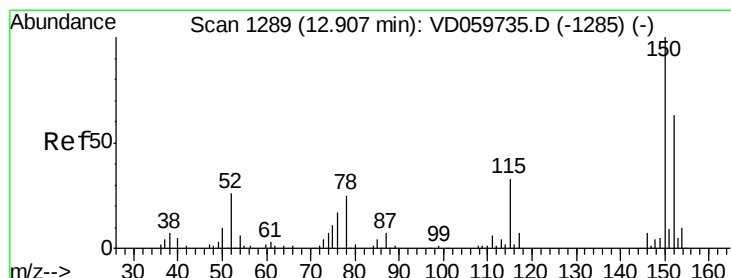
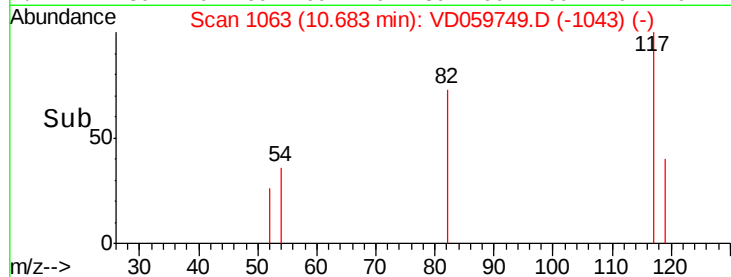
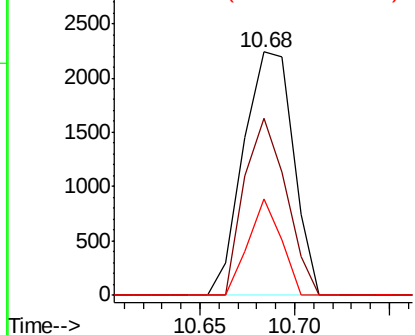
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

Tot Ion:117 Resp: 4095
Ion Ratio Lower Upper
117 100
82 72.6 51.9 77.9
119 39.7 27.4 41.0

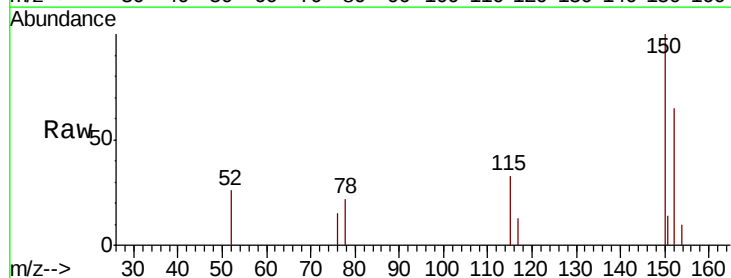


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD059749.D
Acq: 13 Aug 2018 22:35

Tgt Ion:152 Resp: 2515
Ion Ratio Lower Upper
152 100
115 50.6 29.8 89.3
150 153.4 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

