

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059758.D
 Acq On : 14 Aug 2018 2:49
 Operator : VA/AP
 Sample : J4447-26
 Misc : 4.45g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-9

Quant Time: Aug 14 03:53:51 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	190	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.68	114	1341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	1204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	774	260.26	ug/l	0.01
Spiked Amount 50.000			Recovery	=	520.52%	
35) Dibromofluoromethane	5.54	113	211	15.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.56%	
50) Toluene-d8	8.71	98	797	29.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	58.20%	
62) 4-Bromofluorobenzene	11.93	95	274	19.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.90%	

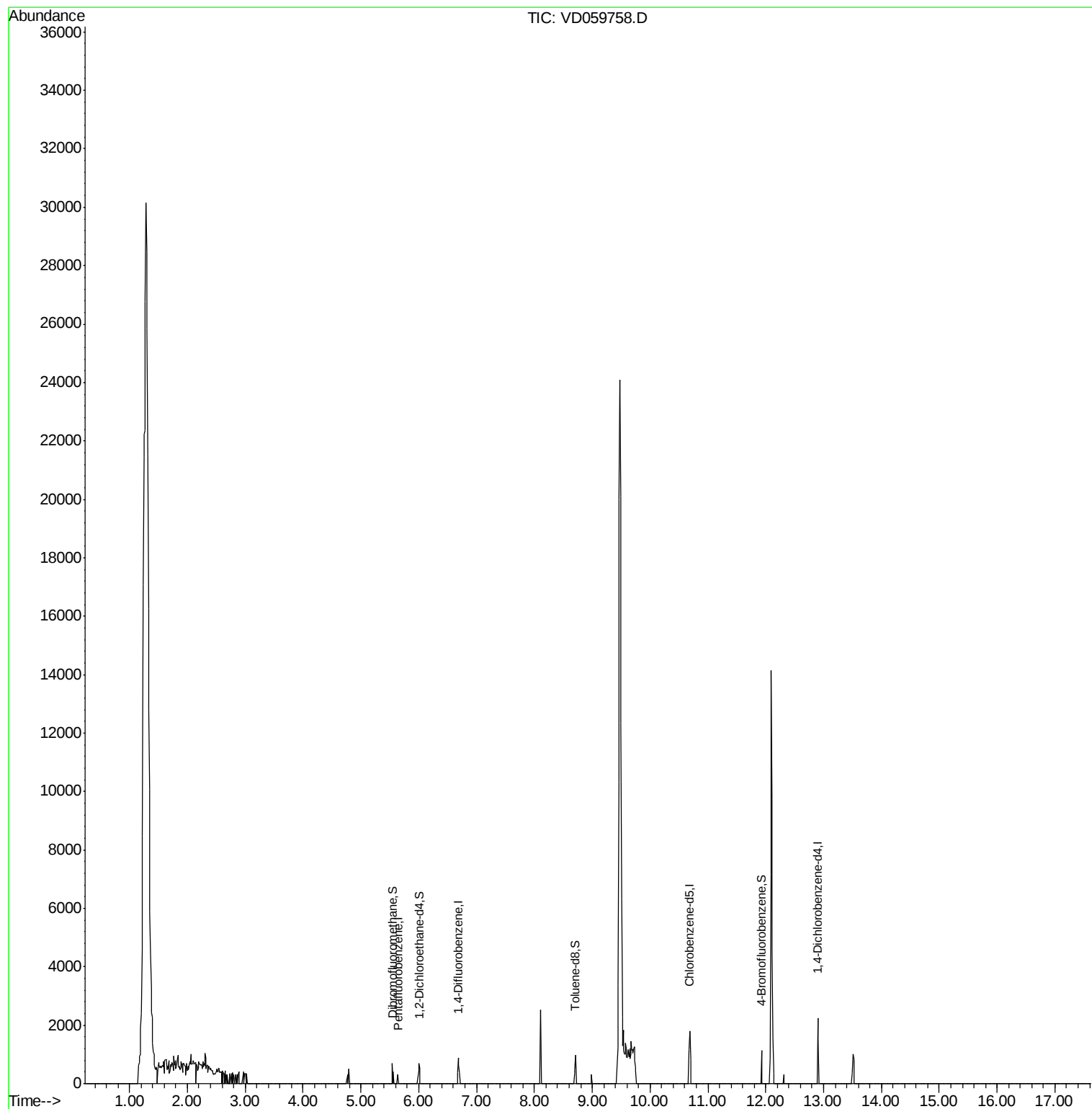
Target Compounds	Qvalue
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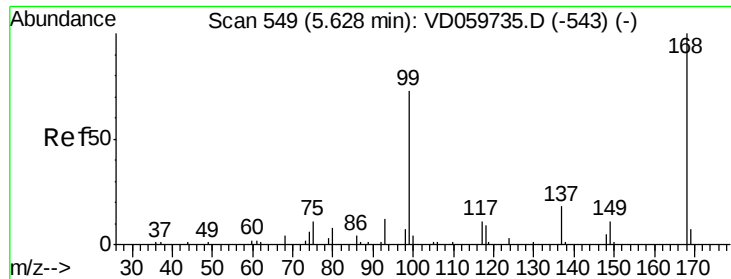
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD059758.D

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Instrument :

MSVOA_D

ClientSampleId :

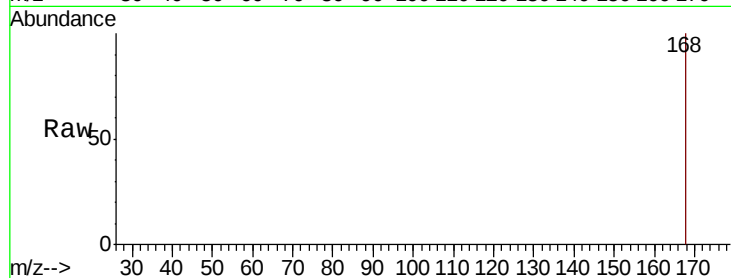
SP-1-9

Tot Ion:168 Resp: 190

Ion Ratio Lower Upper

168 100

99 0.0 61.4 92.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.64

300

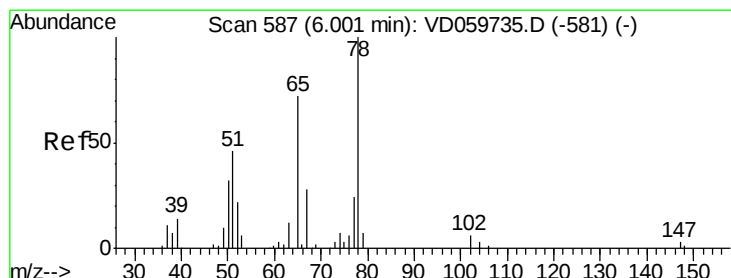
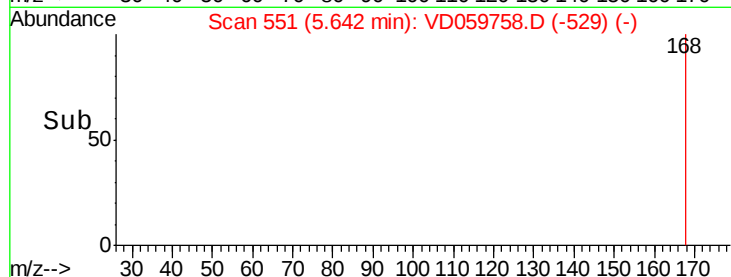
200

100

0

5.62 5.64 5.66

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD059758.D

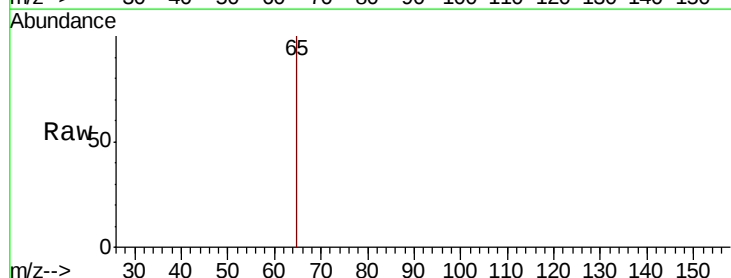
Acq: 14 Aug 2018 2:49

Tgt Ion: 65 Resp: 774

Ion Ratio Lower Upper

65 100

67 0.0 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

600

500

400

300

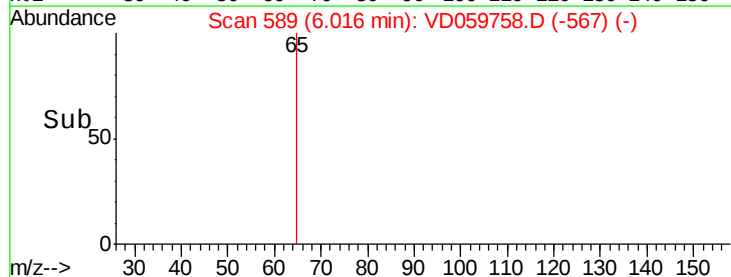
200

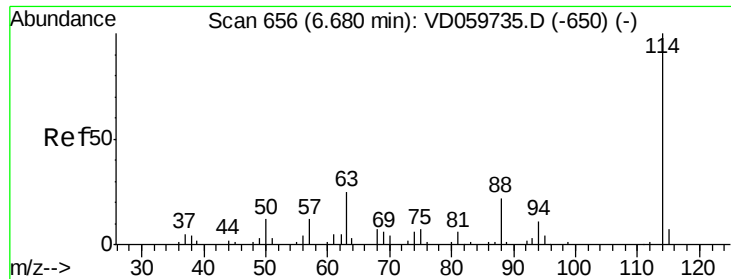
100

0

5.95 6.00 6.05

Time-->

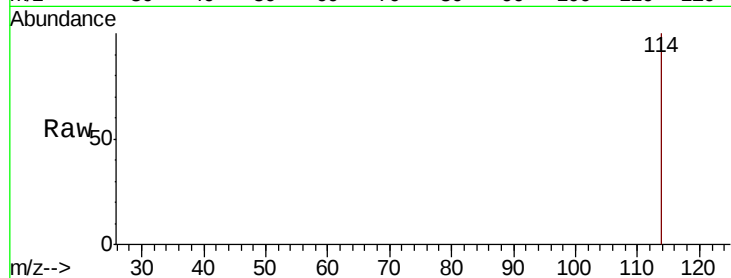




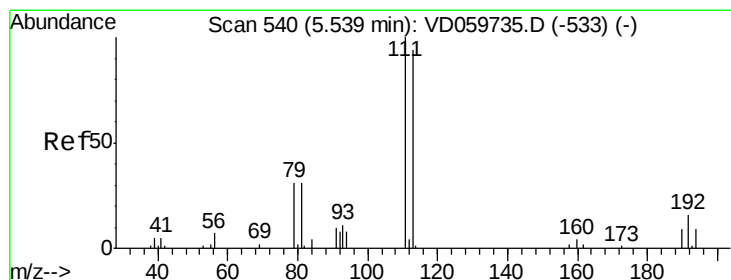
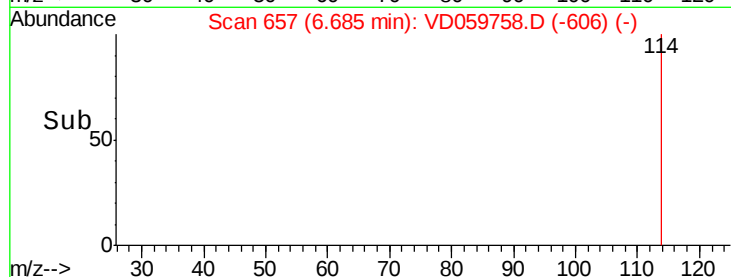
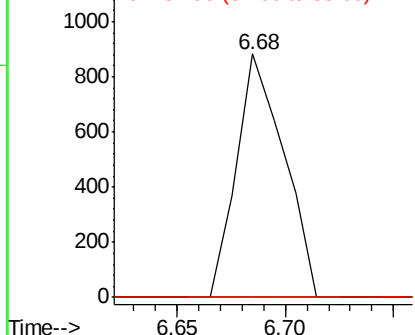
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059758.D
 Acq: 14 Aug 2018 2:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-9

Tot Ion:114 Resp: 1341
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 50.6
 88 0.0 0.0 43.4

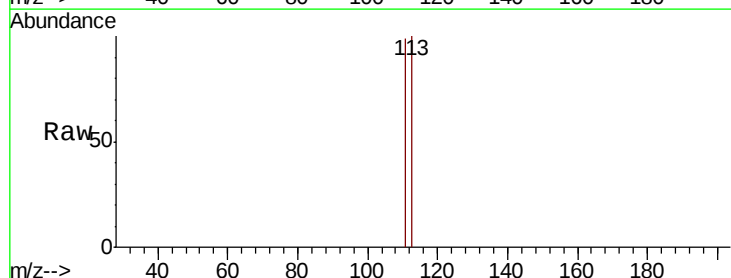


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

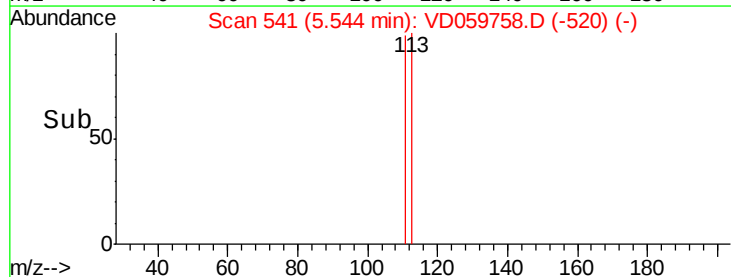
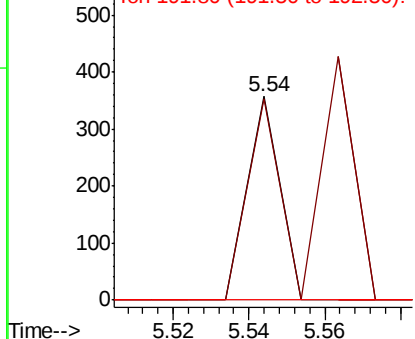


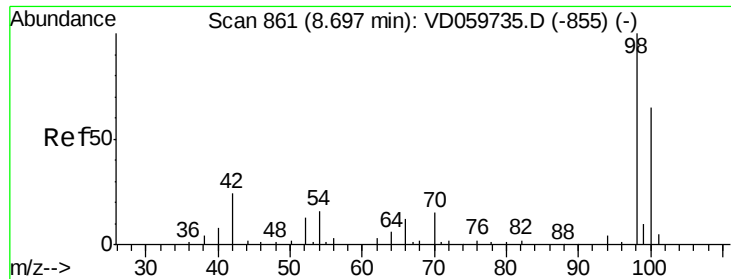
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: VD059758.D
 Acq: 14 Aug 2018 2:49

Tgt Ion:113 Resp: 211
 Ion Ratio Lower Upper
 113 100
 111 98.9 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

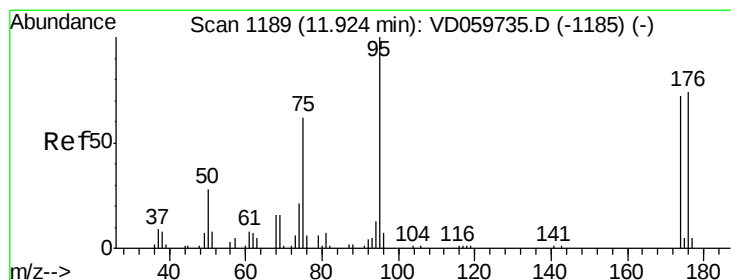
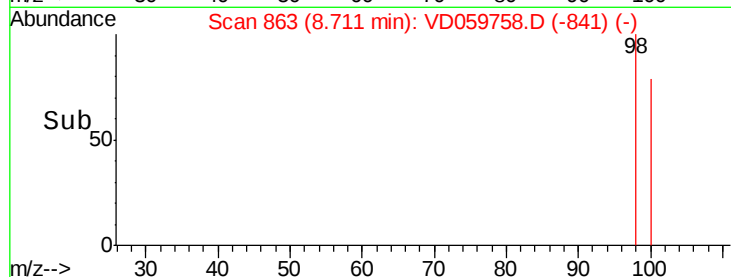
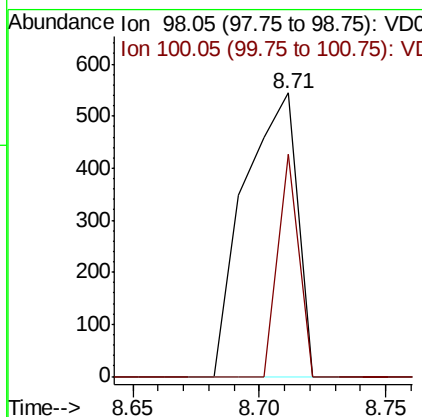
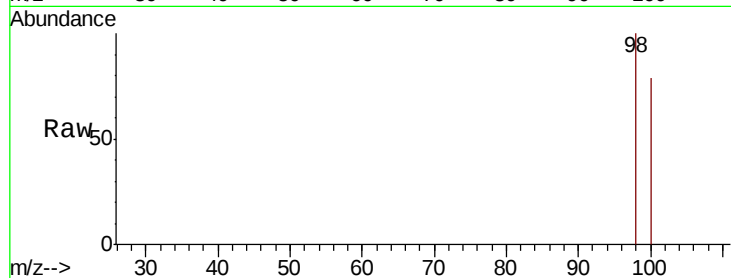




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

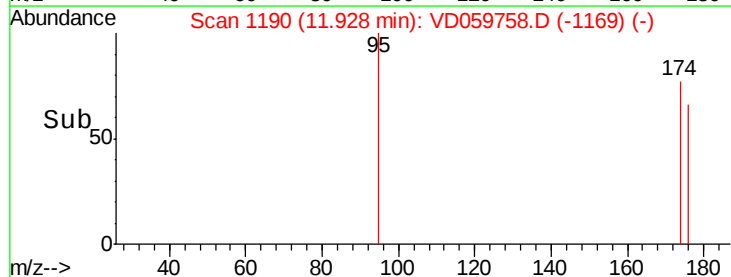
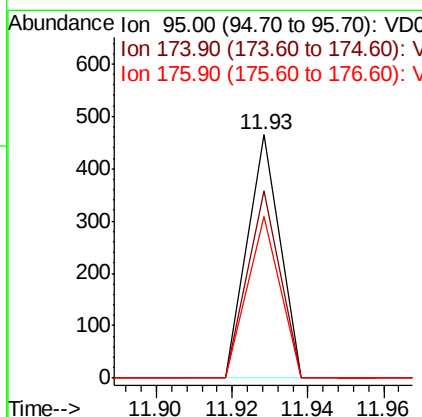
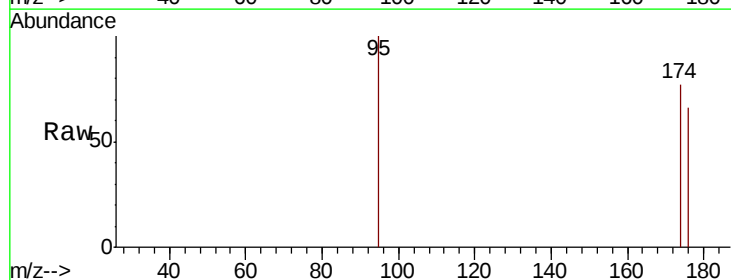
Instrument :
MSVOA_D
ClientSampleId :
SP-1-9

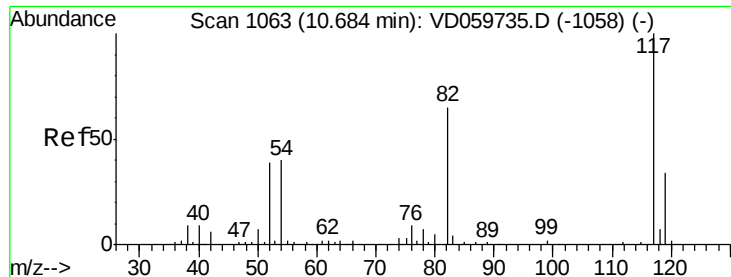
Tot Ion: 98 Resp: 797
Ion Ratio Lower Upper
98 100
100 78.7 52.2 78.2#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

Tgt Ion: 95 Resp: 274
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.2
176 66.5 0.0 147.2

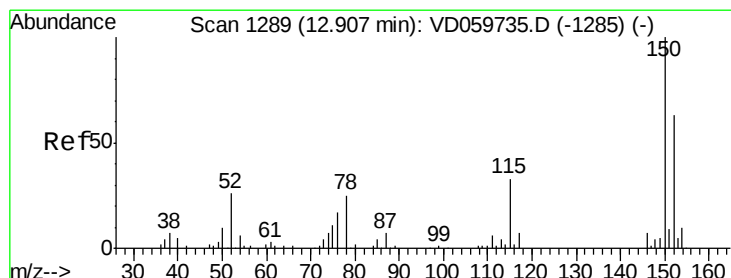
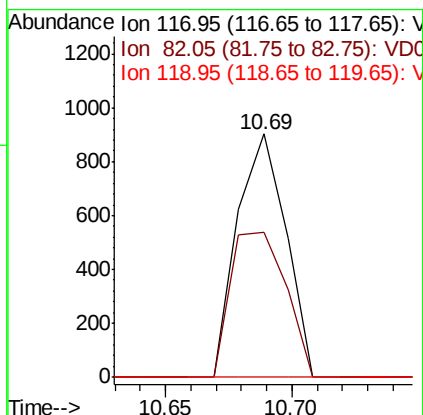
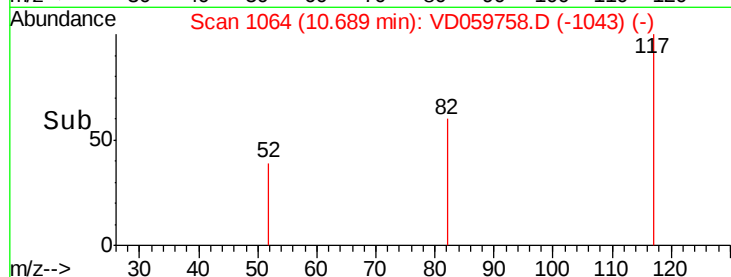
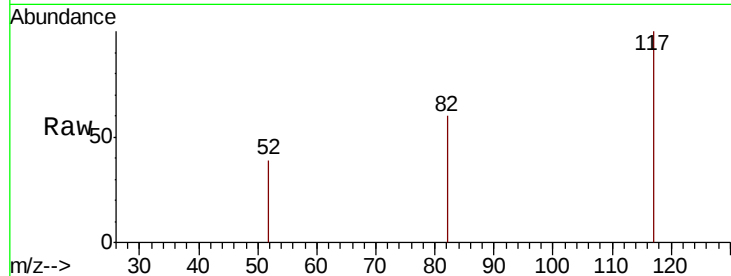




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

Instrument :
MSVOA_D
ClientSampleId :
SP-1-9

Tot Ion:117 Resp: 1204
Ion Ratio Lower Upper
117 100
82 59.8 51.9 77.9
119 0.0 27.4 41.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. -0.01 min
Lab File: VD059758.D
Acq: 14 Aug 2018 2:49

Tgt Ion:152 Resp: 645
Ion Ratio Lower Upper
152 100
115 63.0 29.8 89.3
150 141.1 0.0 320.4

