

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081318\
 Data File : VD059751.D
 Acq On : 13 Aug 2018 23:31
 Operator : VA/AP
 Sample : J4442-21
 Misc : 3.30g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-3

Quant Time: Aug 14 04:36:36 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	5.65	168	1370	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	3188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	3152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	1490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	2190	102.13	ug/l	0.01
Spiked Amount	50.000		Recovery	=	204.26%	
35) Dibromofluoromethane	5.54	113	1346	41.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.00%	
50) Toluene-d8	8.70	98	2504	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
62) 4-Bromofluorobenzene	11.93	95	1298	39.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	79.50%	

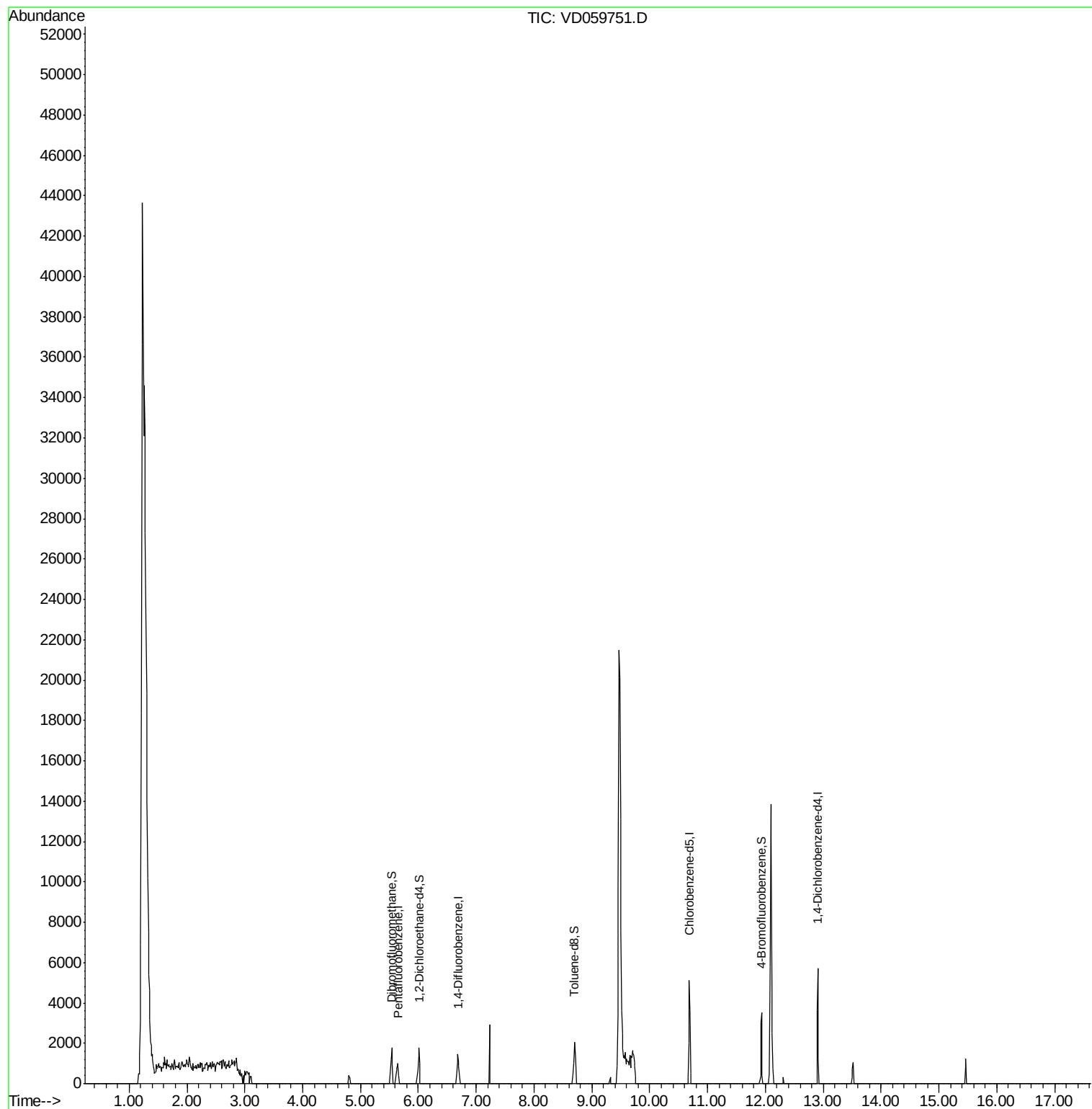
Target Compounds	Qvalue

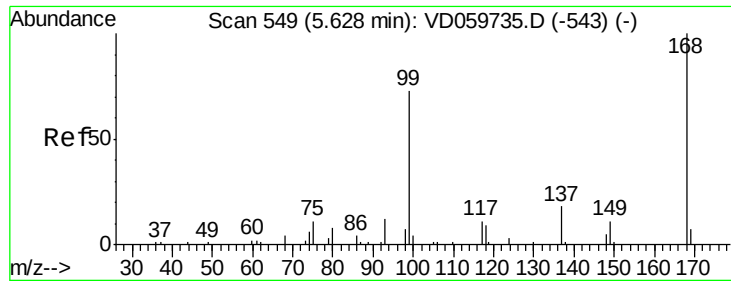
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 11 05:42:24 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD059751.D

Acq: 13 Aug 2018 23:31

Instrument :

MSVOA_D

ClientSampleId :

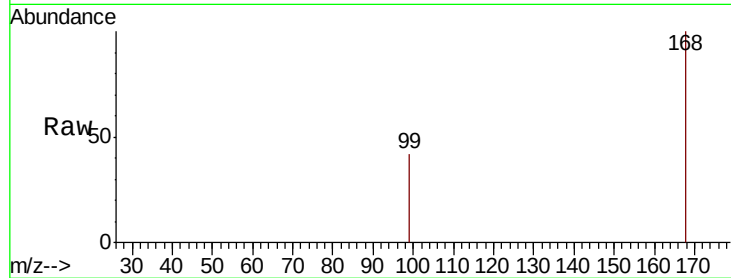
SP-1-3

Tot Ion:168 Resp: 1370

Ion Ratio Lower Upper

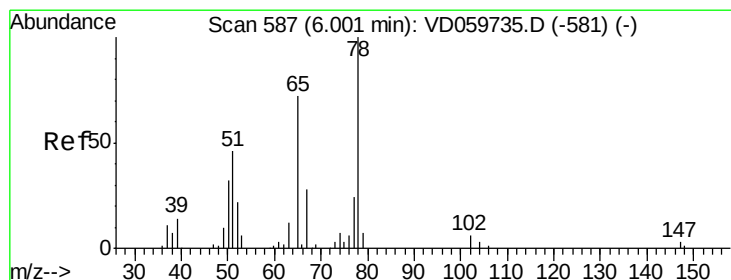
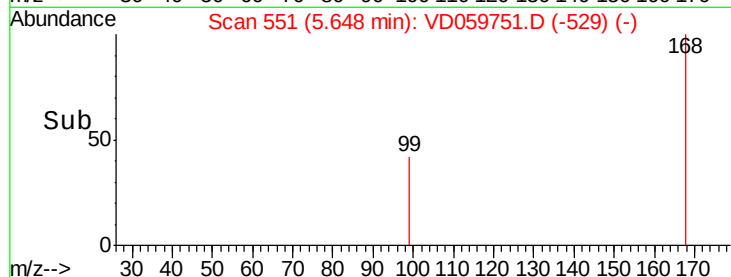
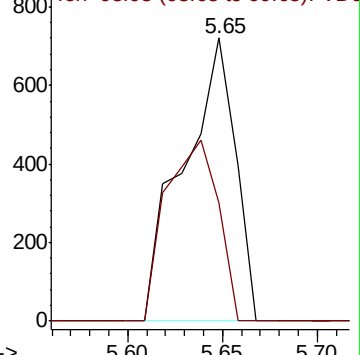
168 100

99 41.9 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: VD059751.D

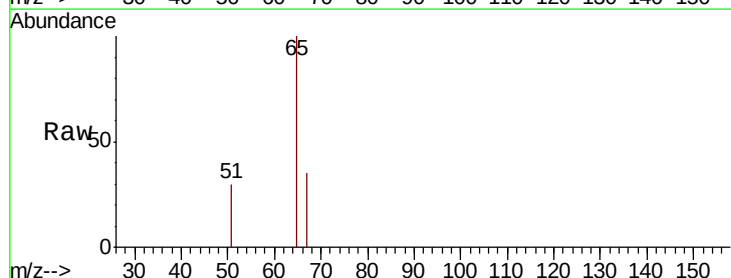
Acq: 13 Aug 2018 23:31

Tgt Ion: 65 Resp: 2190

Ion Ratio Lower Upper

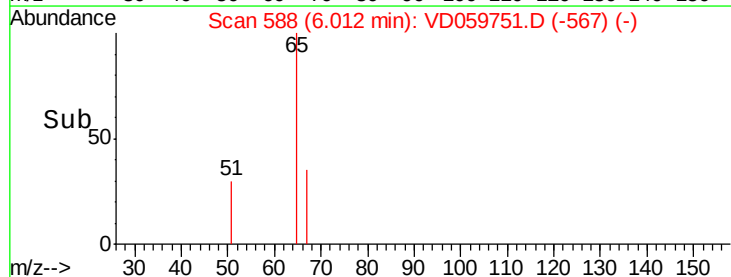
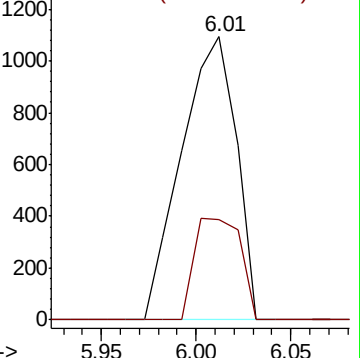
65 100

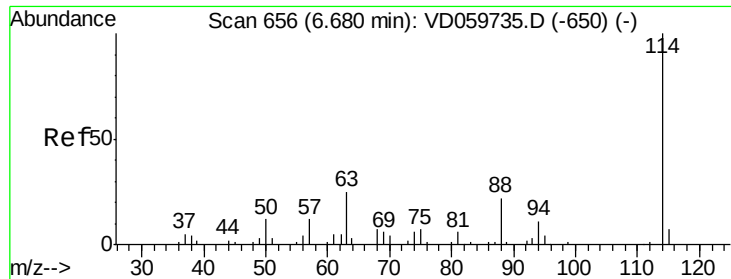
67 35.2 0.0 77.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

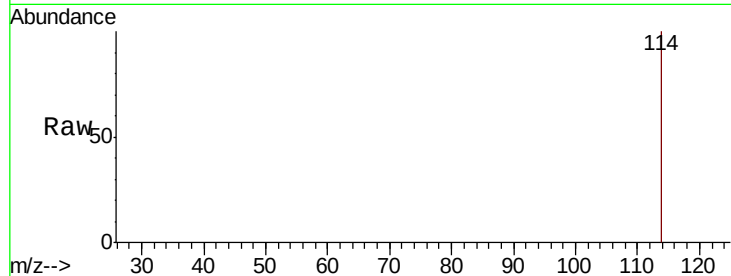




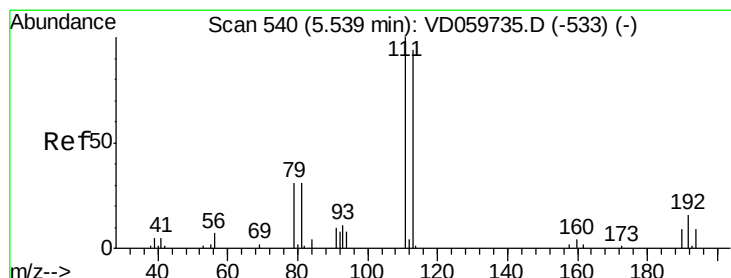
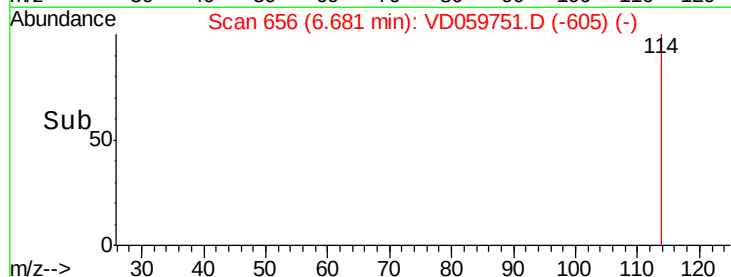
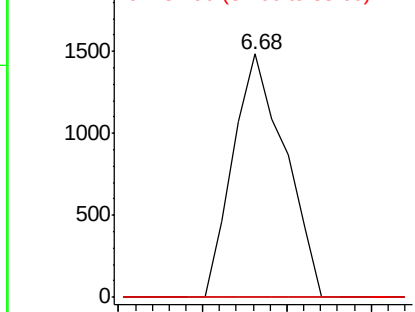
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VD059751.D
 Acq: 13 Aug 2018 23:31

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-3

Tot Ion:114 Resp: 3188
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 50.6
 88 0.0 0.0 43.4

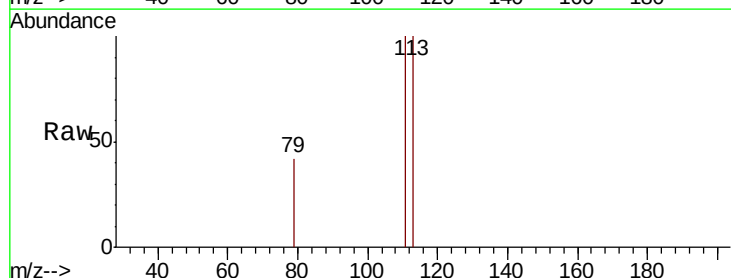


Abundance Ion 114.00 (113.70 to 114.70): V
 2000 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

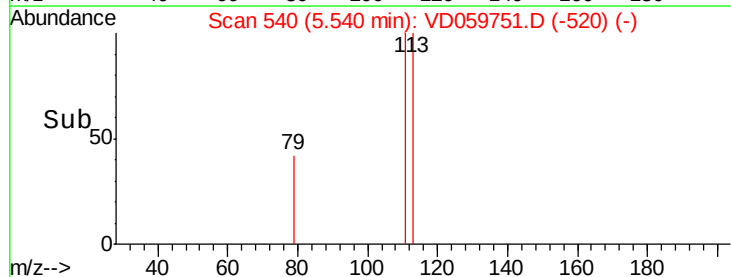
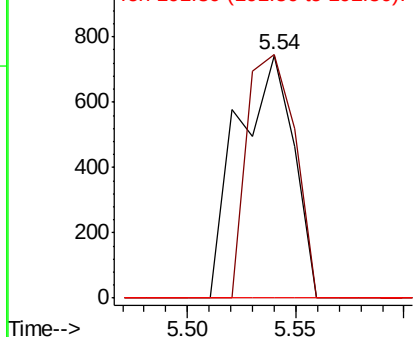


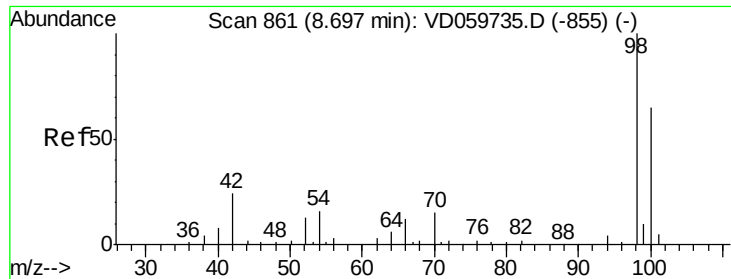
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VD059751.D
 Acq: 13 Aug 2018 23:31

Tgt Ion:113 Resp: 1346
 Ion Ratio Lower Upper
 113 100
 111 100.3 85.3 127.9
 192 0.0 13.9 20.9#



Abundance Ion 112.90 (112.60 to 113.60): V
 1000 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

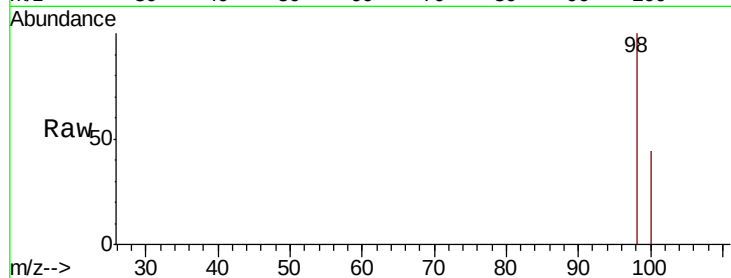




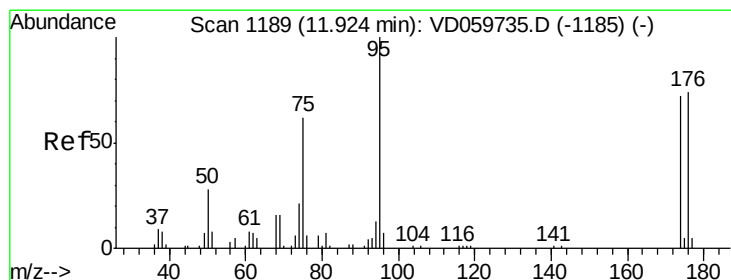
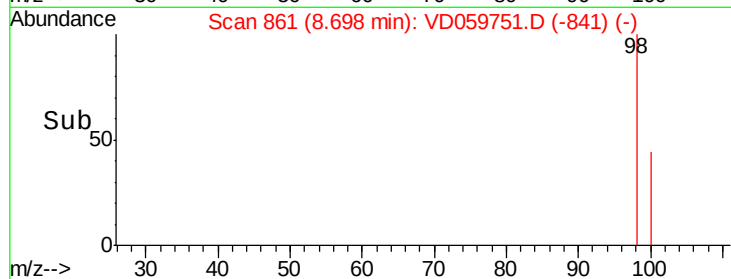
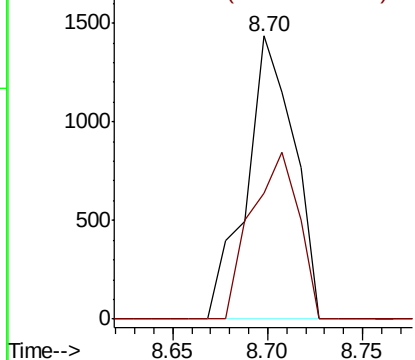
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. 0.00 min
Lab File: VD059751.D
Acq: 13 Aug 2018 23:31

Instrument :
MSVOA_D
ClientSampleId :
SP-1-3

Tot Ion: 98 Resp: 2504
Ion Ratio Lower Upper
98 100
100 44.5 52.2 78.2#

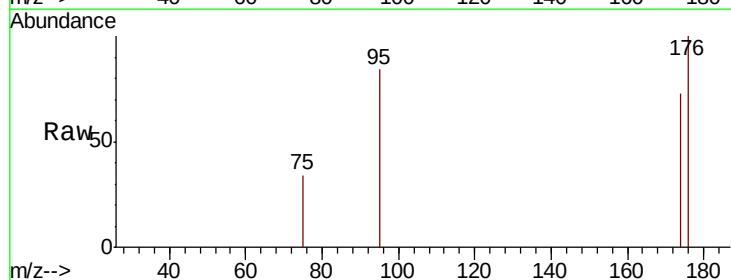


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

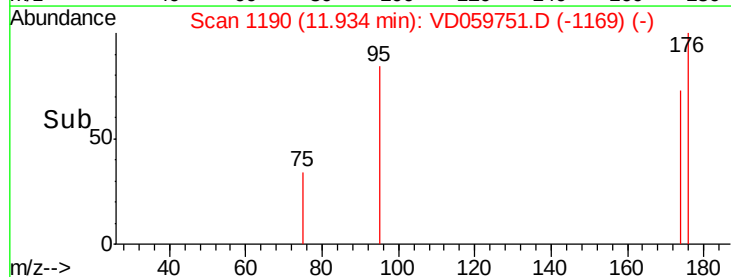
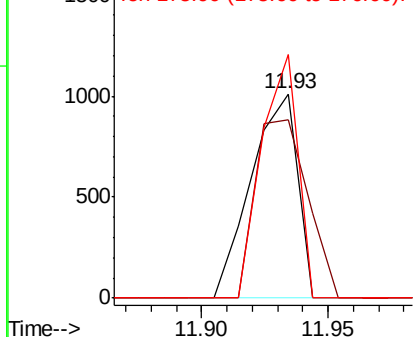


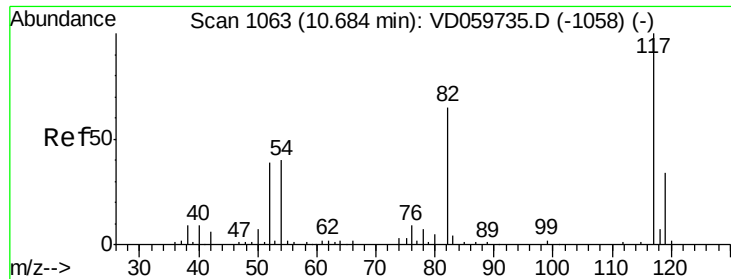
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD059751.D
Acq: 13 Aug 2018 23:31

Tgt Ion: 95 Resp: 1298
Ion Ratio Lower Upper
95 100
174 87.6 0.0 143.2
176 119.4 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: 10.68 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VD059751.D

Acq: 13 Aug 2018 23:31

Instrument :

MSVOA_D

ClientSampleID :

SP-1-3

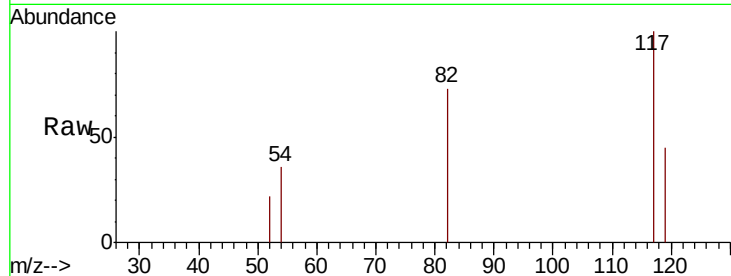
Tot Ion:117 Resp: 3152

Ion Ratio Lower Upper

117 100

82 73.4 51.9 77.9

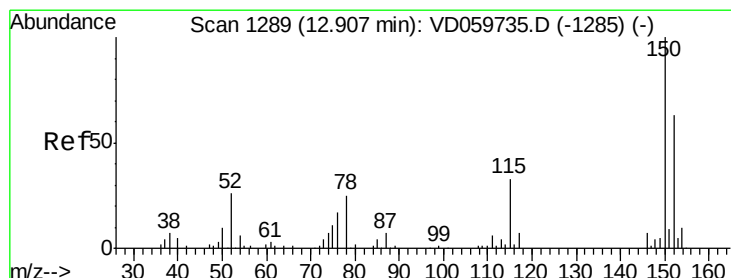
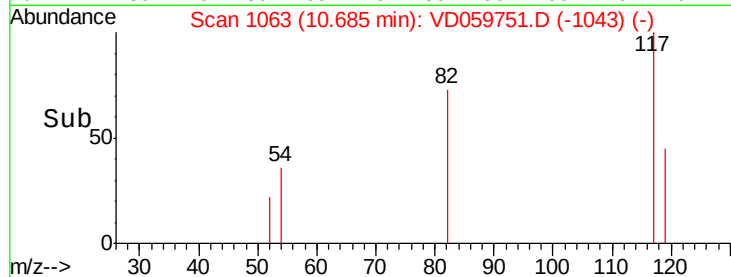
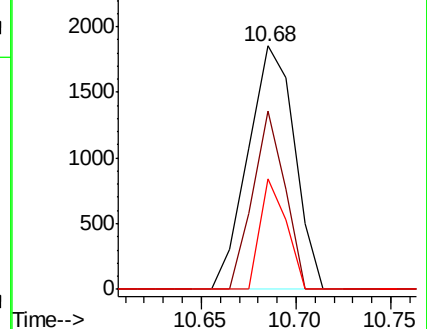
119 45.4 27.4 41.0#



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: VD059751.D

Acq: 13 Aug 2018 23:31

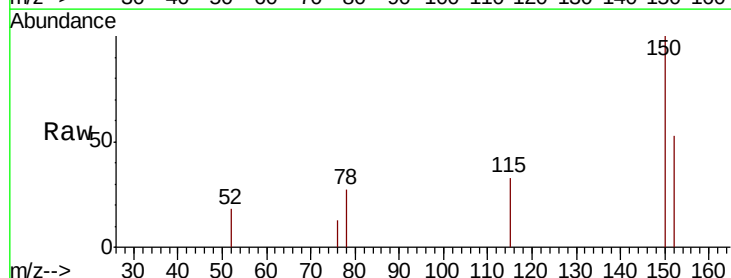
Tgt Ion:152 Resp: 1490

Ion Ratio Lower Upper

152 100

115 61.5 29.8 89.3

150 187.6 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

