

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007457.D
 Acq On : 13 Dec 2018 00:04
 Operator : SY/AP
 Sample : J6275-05RE
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-05-120418RE

Quant Time: Dec 13 06:09:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	3391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	5559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	4869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	1791	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
35) Dibromofluoromethane	7.88	113	1451	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	10.32	98	4900	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
62) 4-Bromofluorobenzene	12.62	95	1611	34.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.46%	

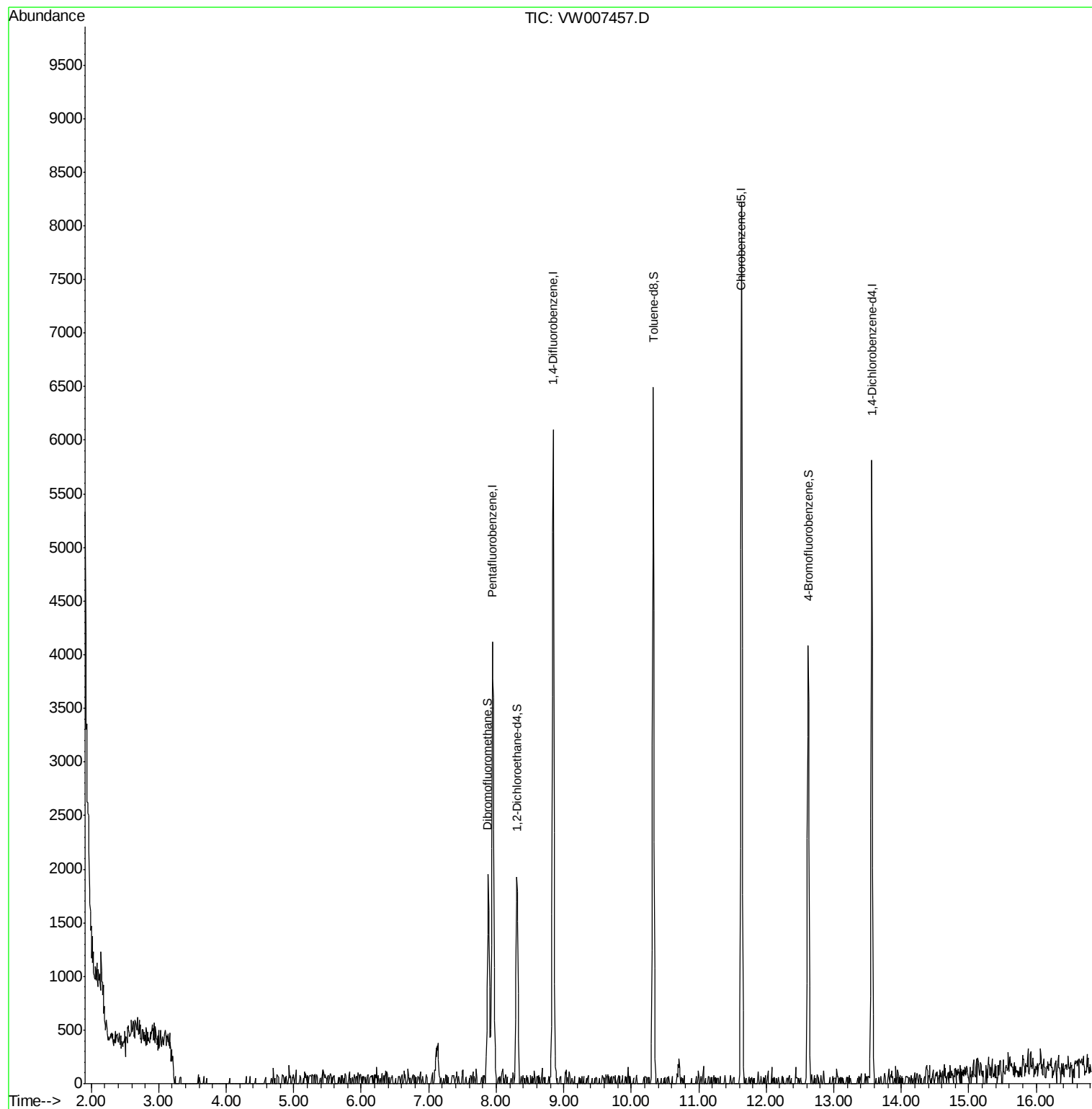
Target Compounds Qvalue

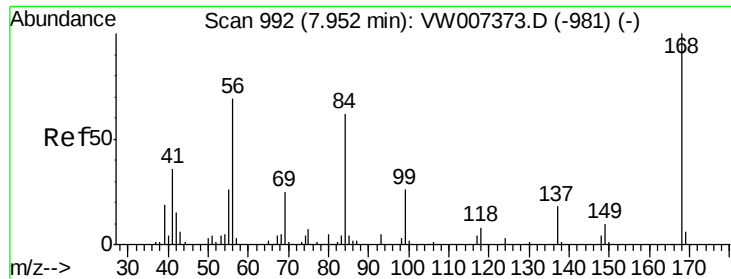
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

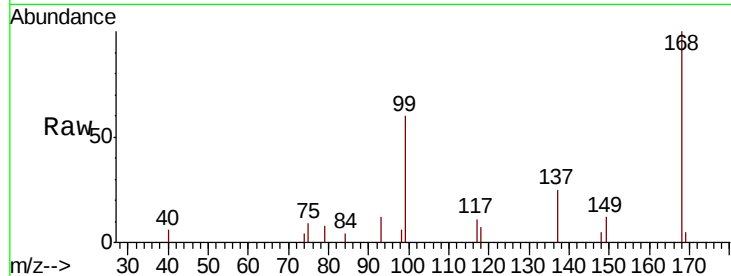
BF-05-120418RE

Tot Ion:168 Resp: 3391

Ion Ratio Lower Upper

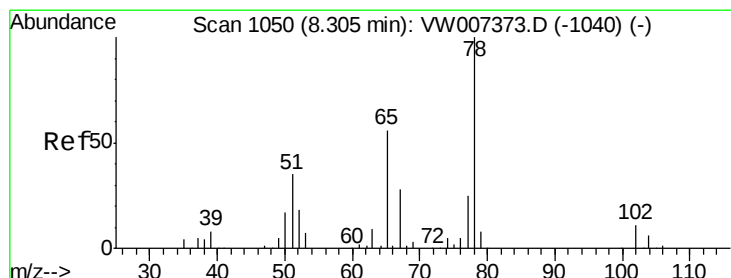
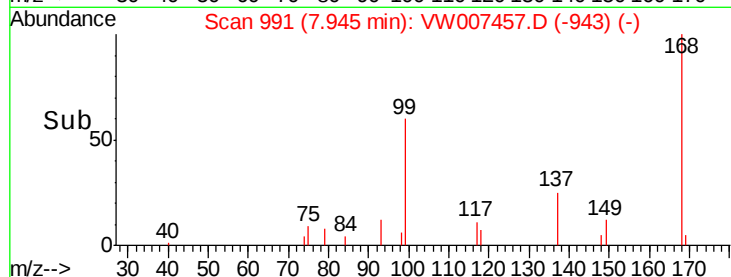
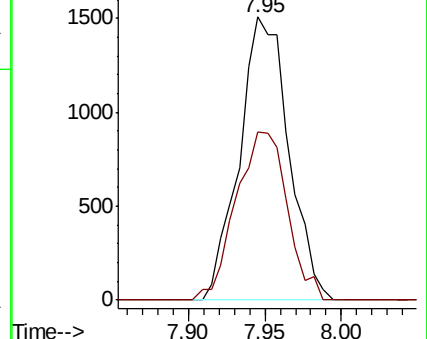
168 100

99 59.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.607 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007457.D

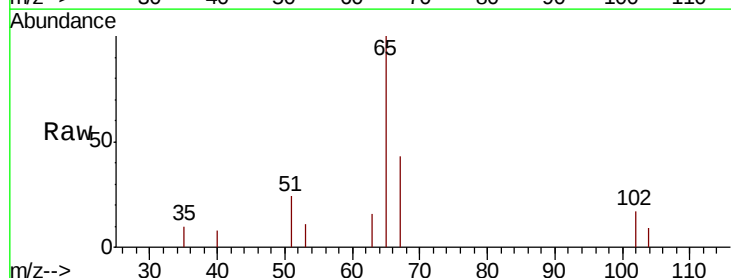
Acq: 13 Dec 2018 00:04

Tgt Ion: 65 Resp: 1791

Ion Ratio Lower Upper

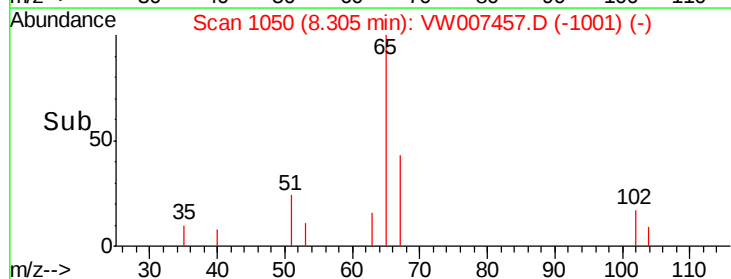
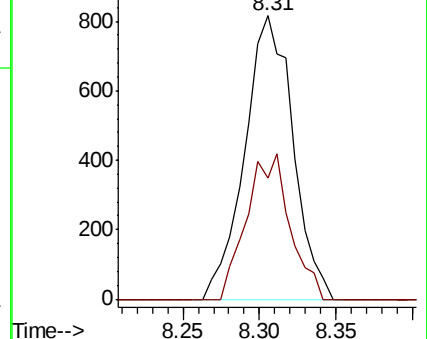
65 100

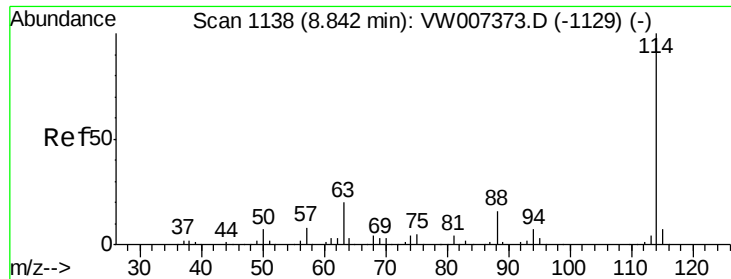
67 46.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

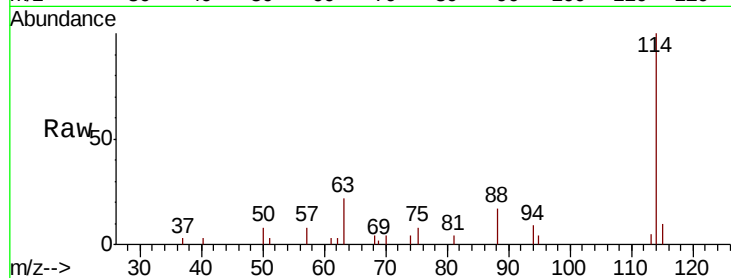




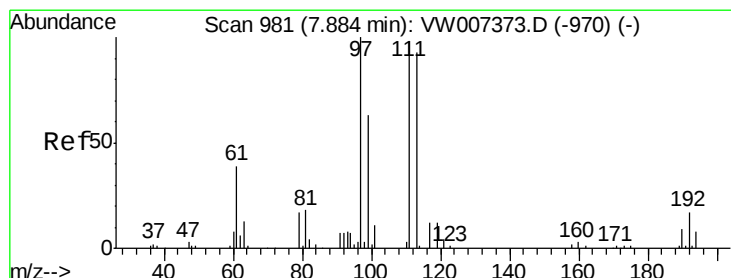
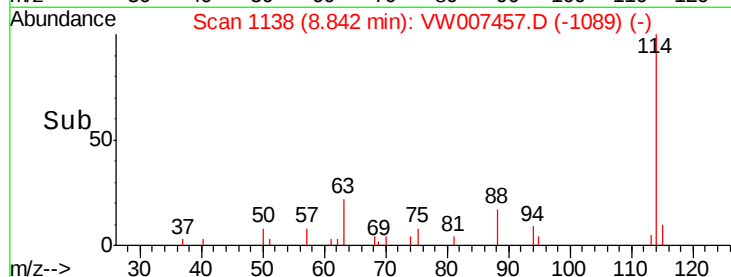
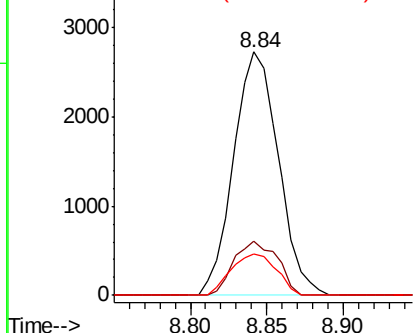
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007457.D
 Acq: 13 Dec 2018 00:04

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-05-120418RE

Tot Ion:114 Resp: 5559
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 39.6
 88 16.9 0.0 31.4

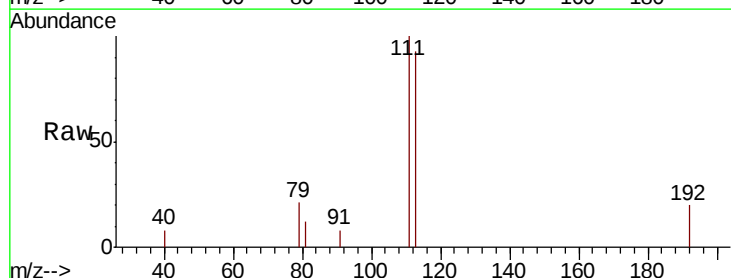


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

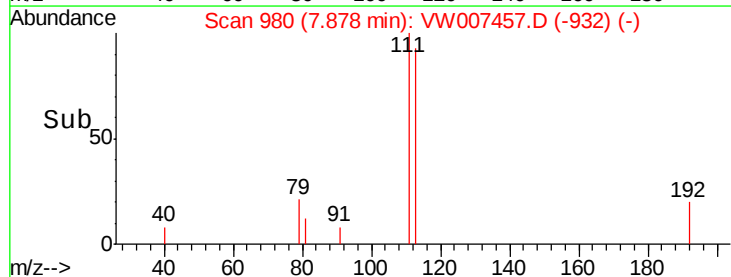
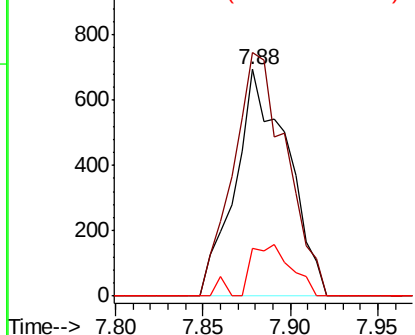


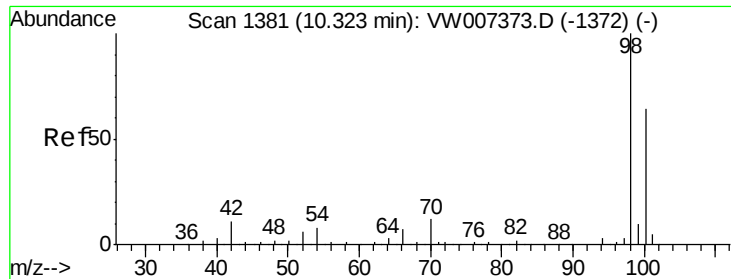
#35
 Dibromofluoromethane
 Concen: 43.119 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007457.D
 Acq: 13 Dec 2018 00:04

Tgt Ion:113 Resp: 1451
 Ion Ratio Lower Upper
 113 100
 111 108.5 81.1 121.7
 192 18.6 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.836 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

Instrument :

MSVOA_W

ClientSampleId :

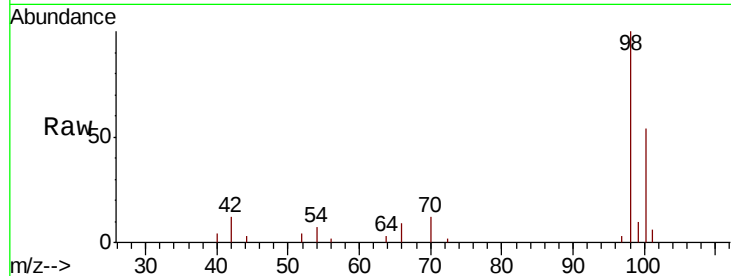
BF-05-120418RE

Tot Ion: 98 Resp: 4900

Ion Ratio Lower Upper

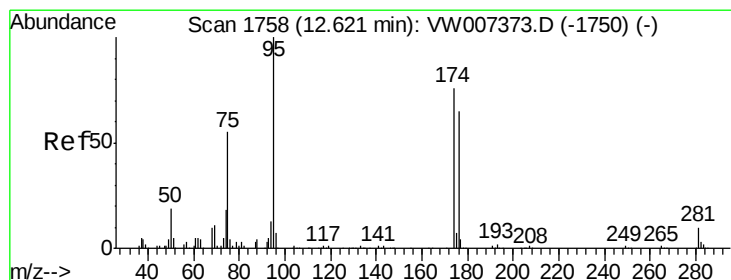
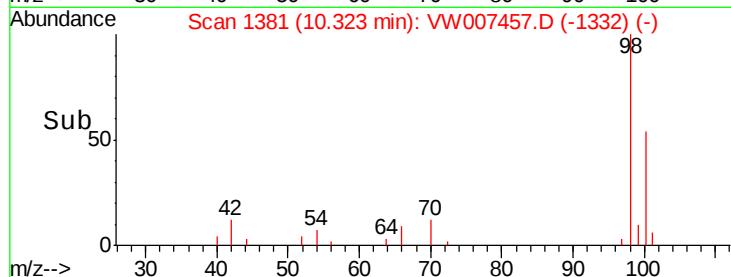
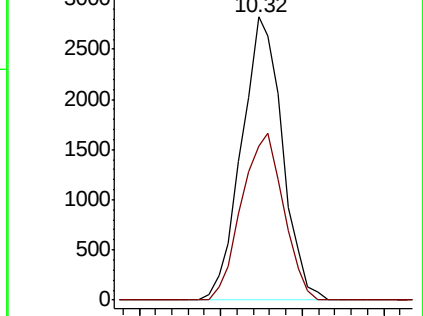
98 100

100 60.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 34.727 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007457.D

Acq: 13 Dec 2018 00:04

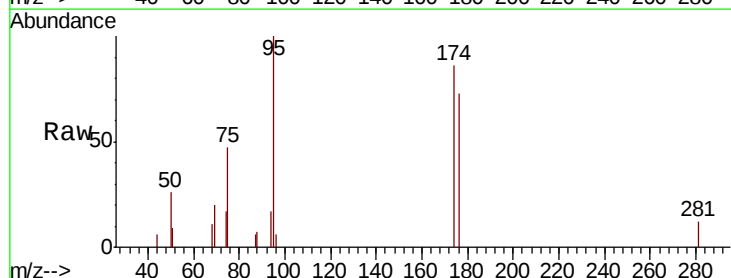
Tgt Ion: 95 Resp: 1611

Ion Ratio Lower Upper

95 100

174 80.3 0.0 147.2

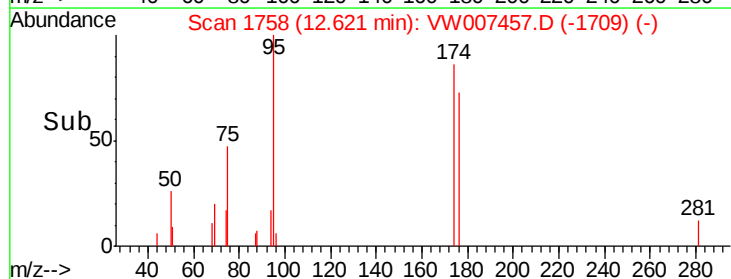
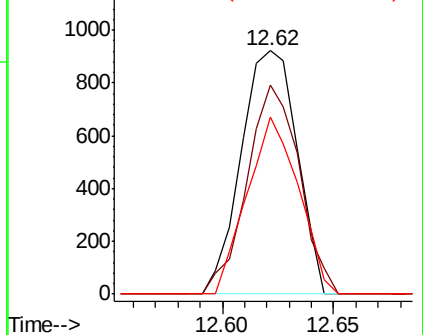
176 66.9 0.0 138.8

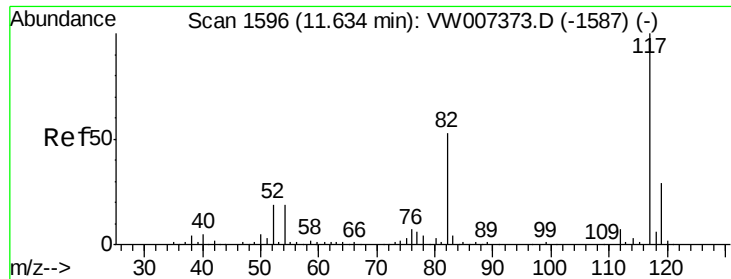


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

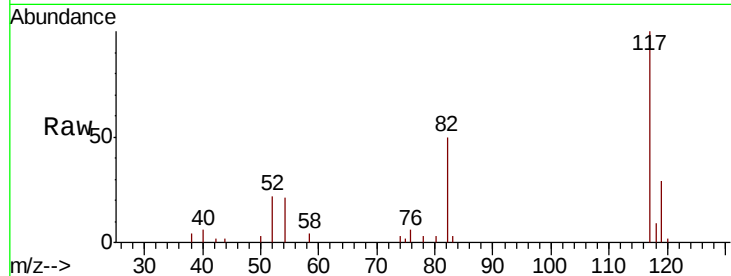




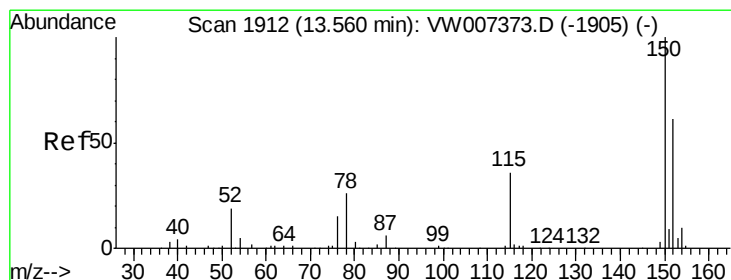
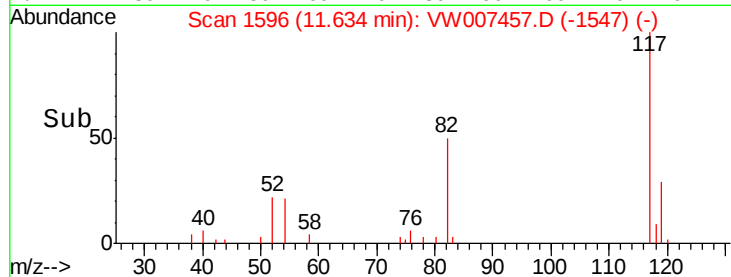
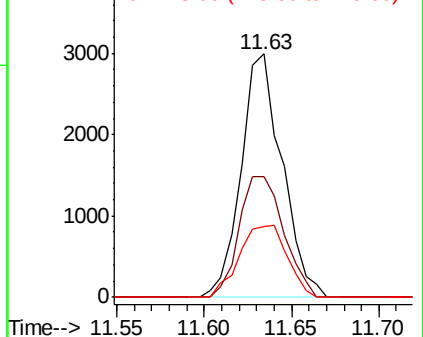
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007457.D
Acq: 13 Dec 2018 00:04

Instrument :
MSVOA_W
ClientSampleId :
BF-05-120418RE

Tot Ion:117 Resp: 4869
Ion Ratio Lower Upper
117 100
82 49.6 42.3 63.5
119 28.9 23.0 34.6

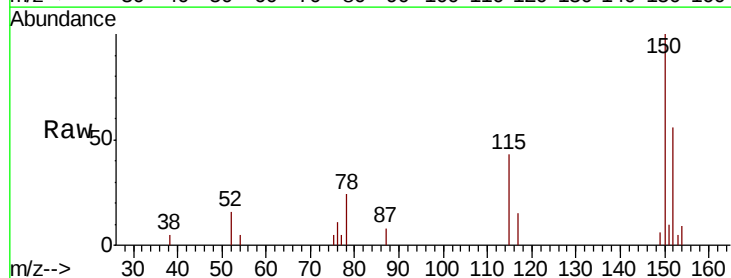


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007457.D
Acq: 13 Dec 2018 00:04

Tgt Ion:152 Resp: 1719
Ion Ratio Lower Upper
152 100
115 72.4 31.4 94.2
150 165.2 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

