

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007649.D
 Acq On : 18 Dec 2018 11:02
 Operator : SY/AP
 Sample : VW1220SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBL01

Quant Time: Dec 19 04:20:02 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	68600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35317	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	33577	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.32	98	125822	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	45503	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

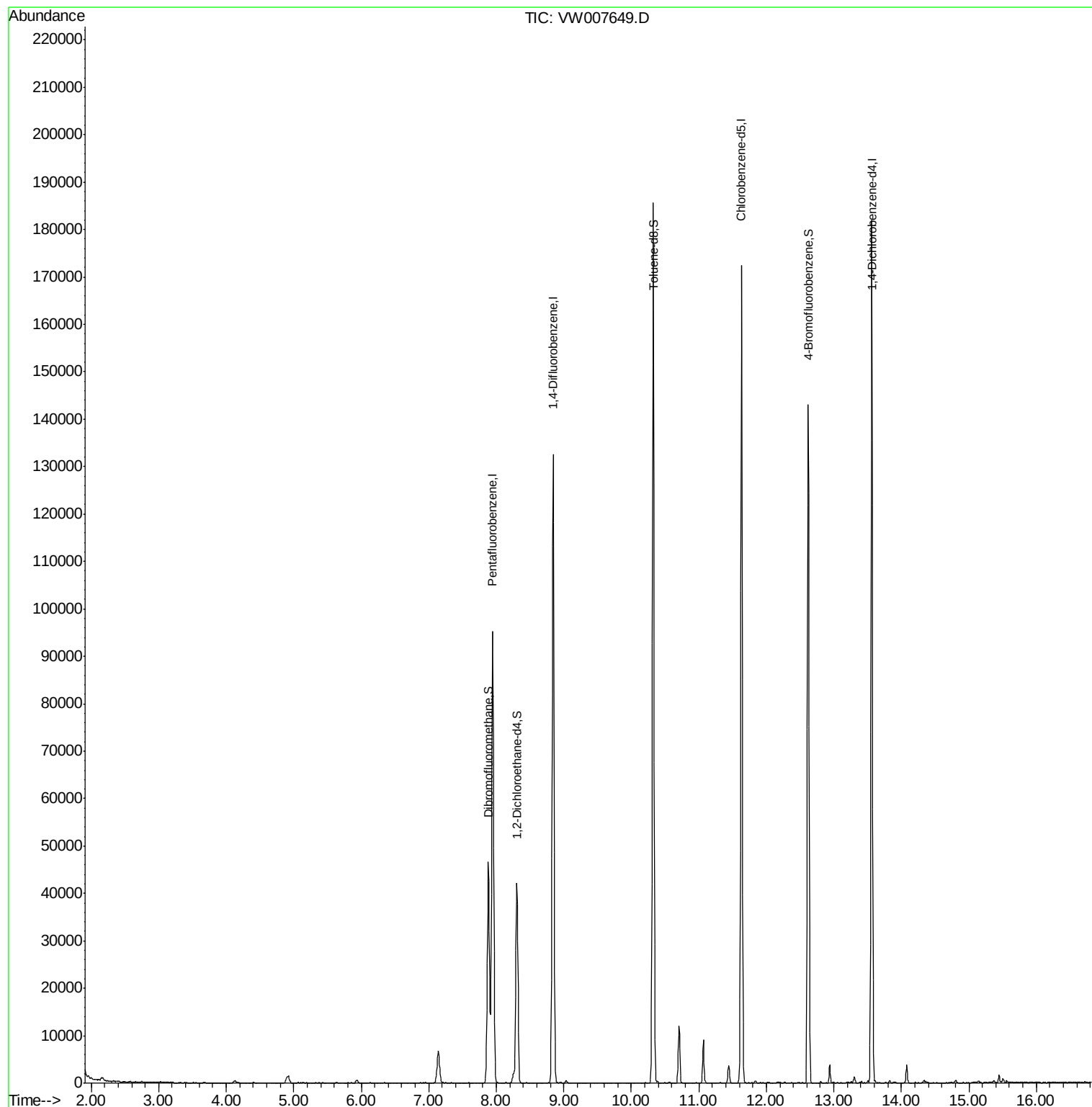
Target Compounds	Qvalue

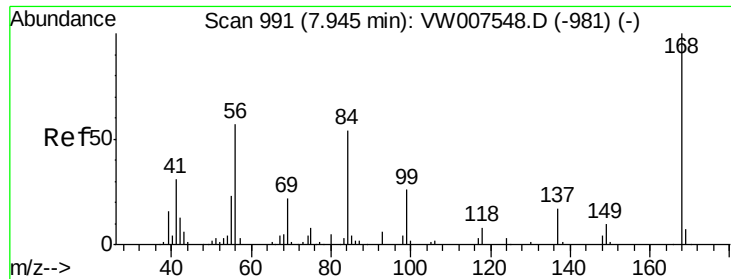
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
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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: VW007649.D

Acq: 18 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

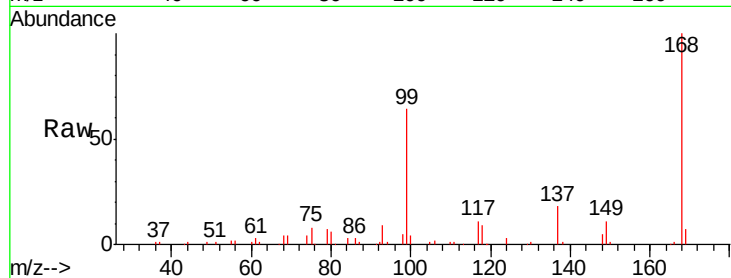
VW1220SBL01

Tgt Ion:168 Resp: 68600

Ion Ratio Lower Upper

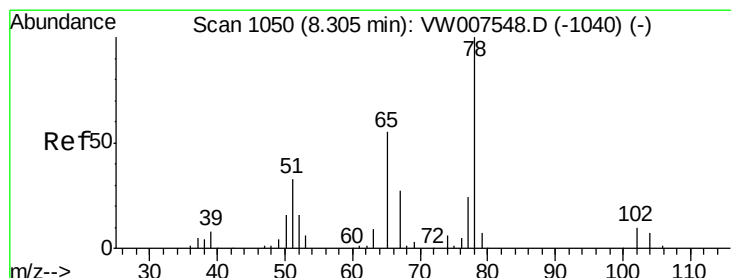
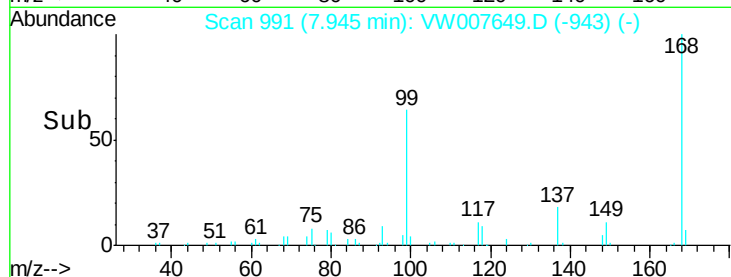
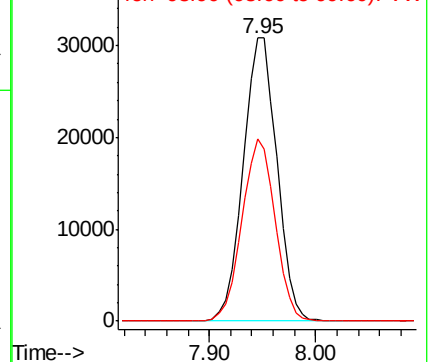
168 100

99 64.5 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: 46.405 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007649.D

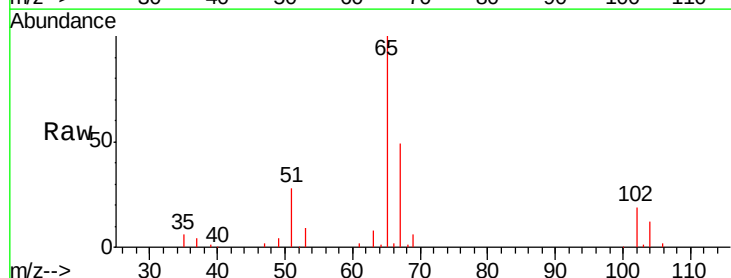
Acq: 18 Dec 2018 11:02

Tgt Ion: 65 Resp: 35317

Ion Ratio Lower Upper

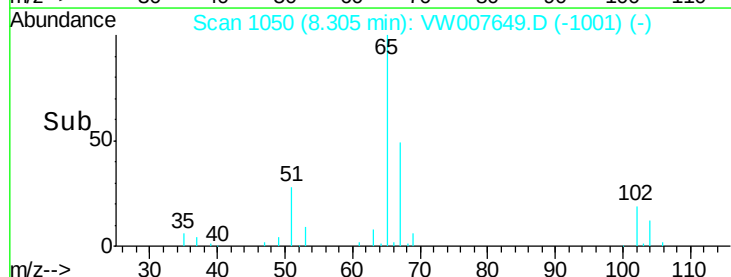
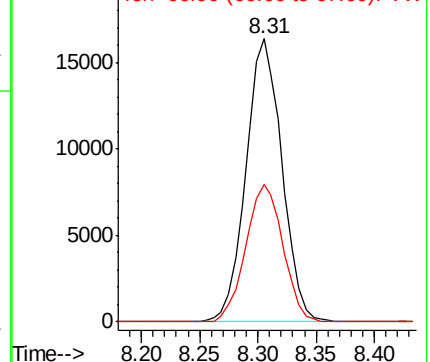
65 100

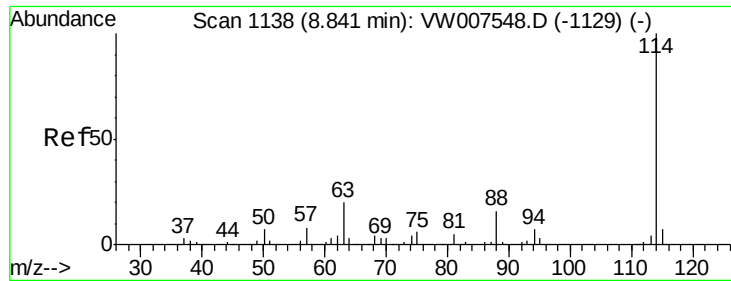
67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

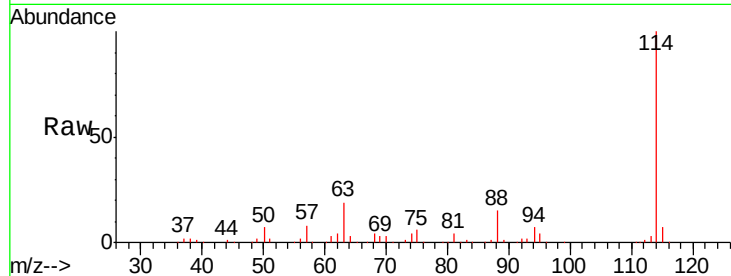




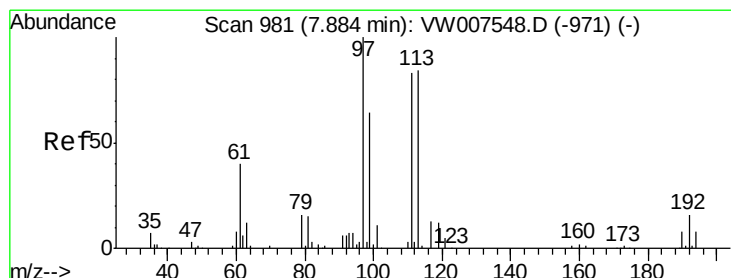
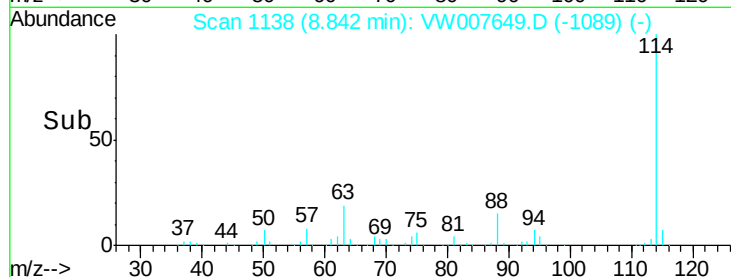
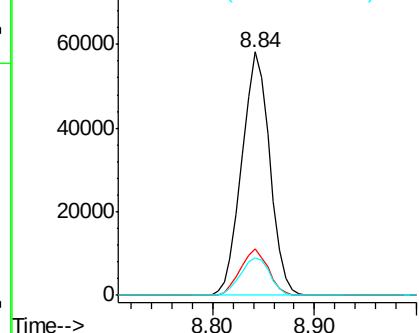
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBL01

Tgt Ion:114 Resp: 110645
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 15.2 0.0 31.4

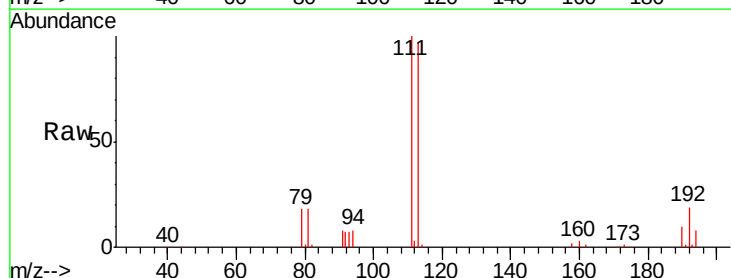


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

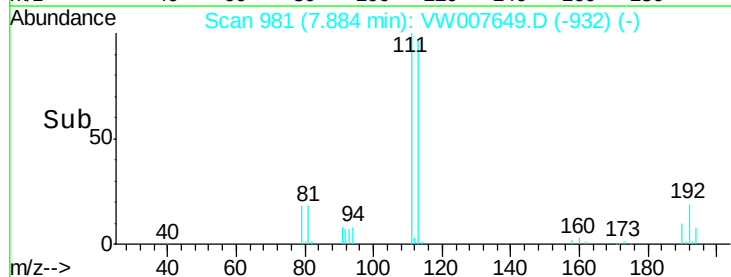
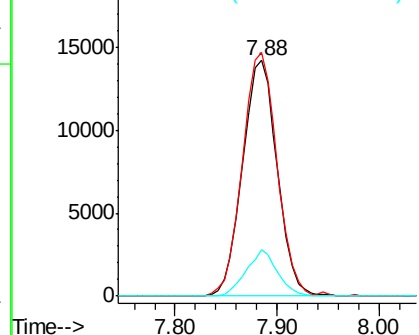


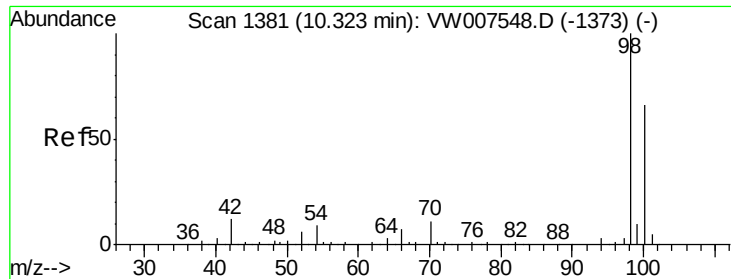
#35
 Dibromofluoromethane
 Concen: 50.131 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007649.D
 Acq: 18 Dec 2018 11:02

Tgt Ion:113 Resp: 33577
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.1 121.7
 192 17.7 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: 50.102 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

Instrument :

MSVOA_W

ClientSampleId :

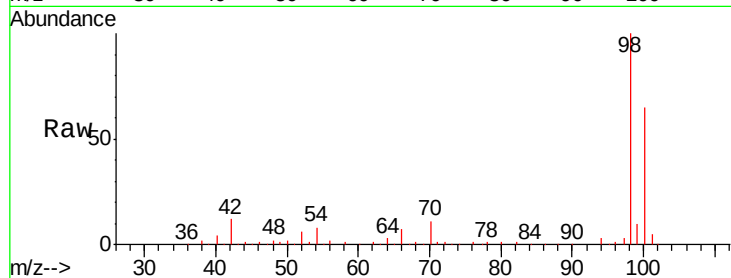
VW1220SBL01

Tgt Ion: 98 Resp: 125822

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

80000

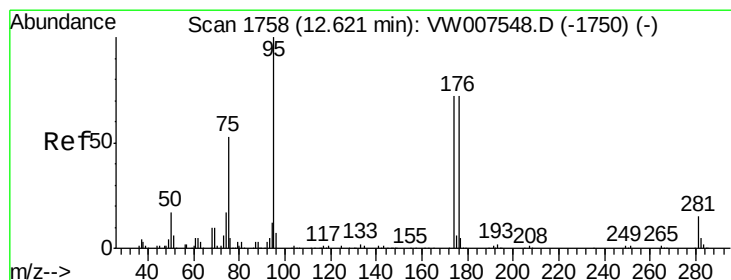
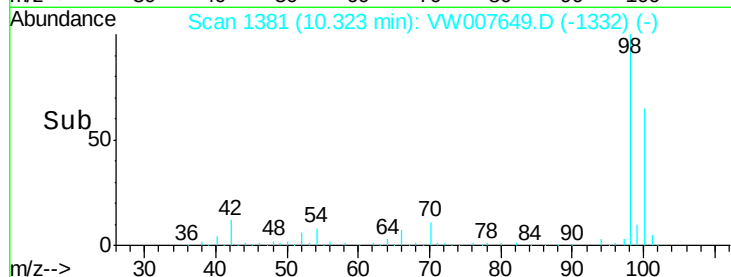
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.281 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007649.D

Acq: 18 Dec 2018 11:02

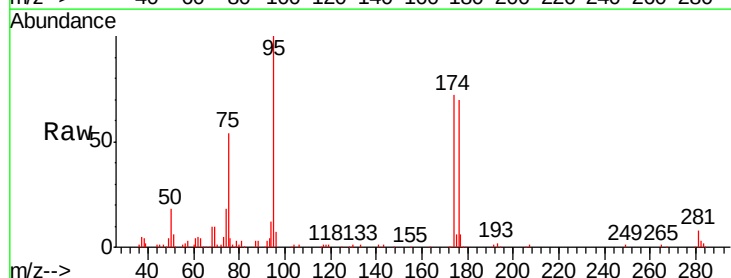
Tgt Ion: 95 Resp: 45503

Ion Ratio Lower Upper

95 100

174 77.3 0.0 147.2

176 73.6 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

12.62

40000

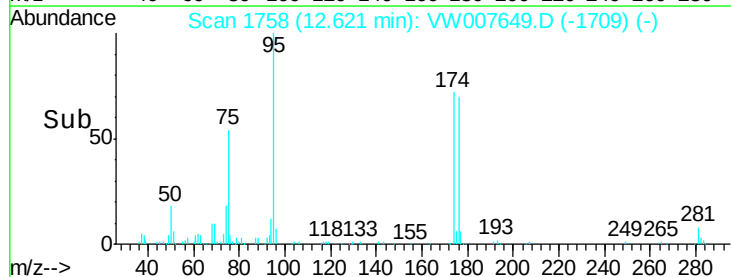
30000

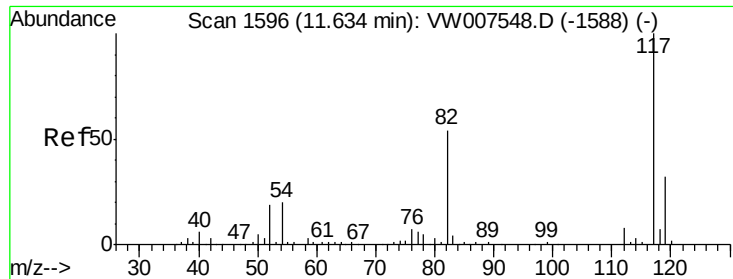
20000

10000

0

Time--> 12.55 12.60 12.65 12.70

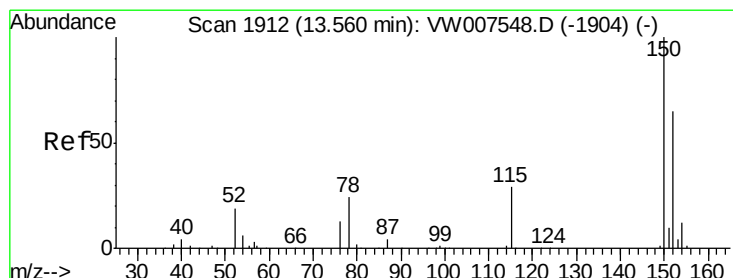
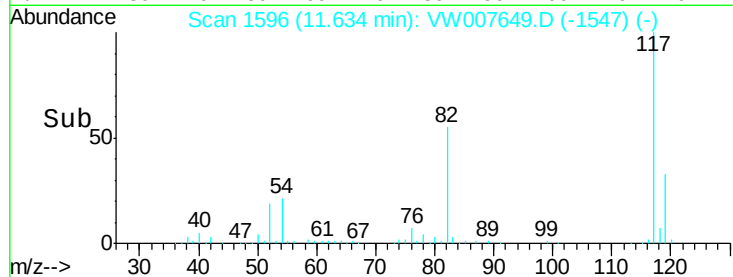
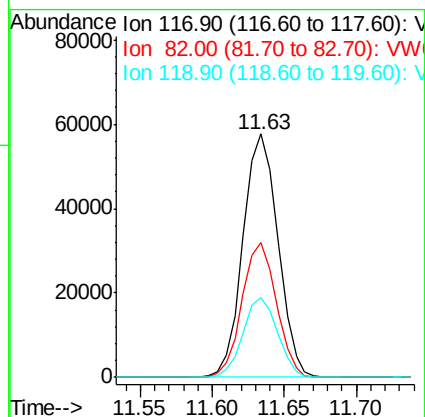
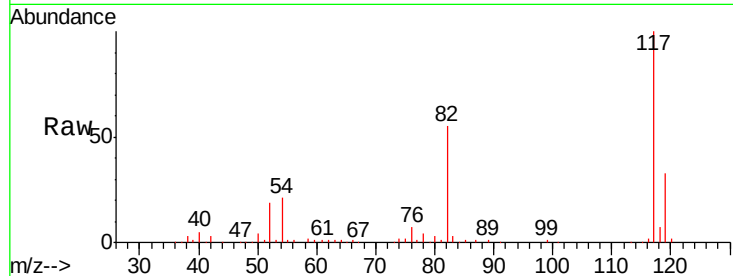




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

Instrument :
MSVOA_W
ClientSampleId :
VW1220SBL01

Tgt Ion:117 Resp: 97242
Ion Ratio Lower Upper
117 100
82 55.5 42.3 63.5
119 32.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007649.D
Acq: 18 Dec 2018 11:02

Tgt Ion:152 Resp: 47974
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.2
150 157.6 0.0 358.4

