

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW010919\
 Data File : VW008106.D
 Acq On : 09 Jan 2019 16:37
 Operator : SY/AP
 Sample : K1074-02
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 W12-1

Quant Time: Jan 14 22:40:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66505	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52727	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
35) Dibromofluoromethane	7.88	113	49789	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	10.32	98	198555	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.62	95	66954	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

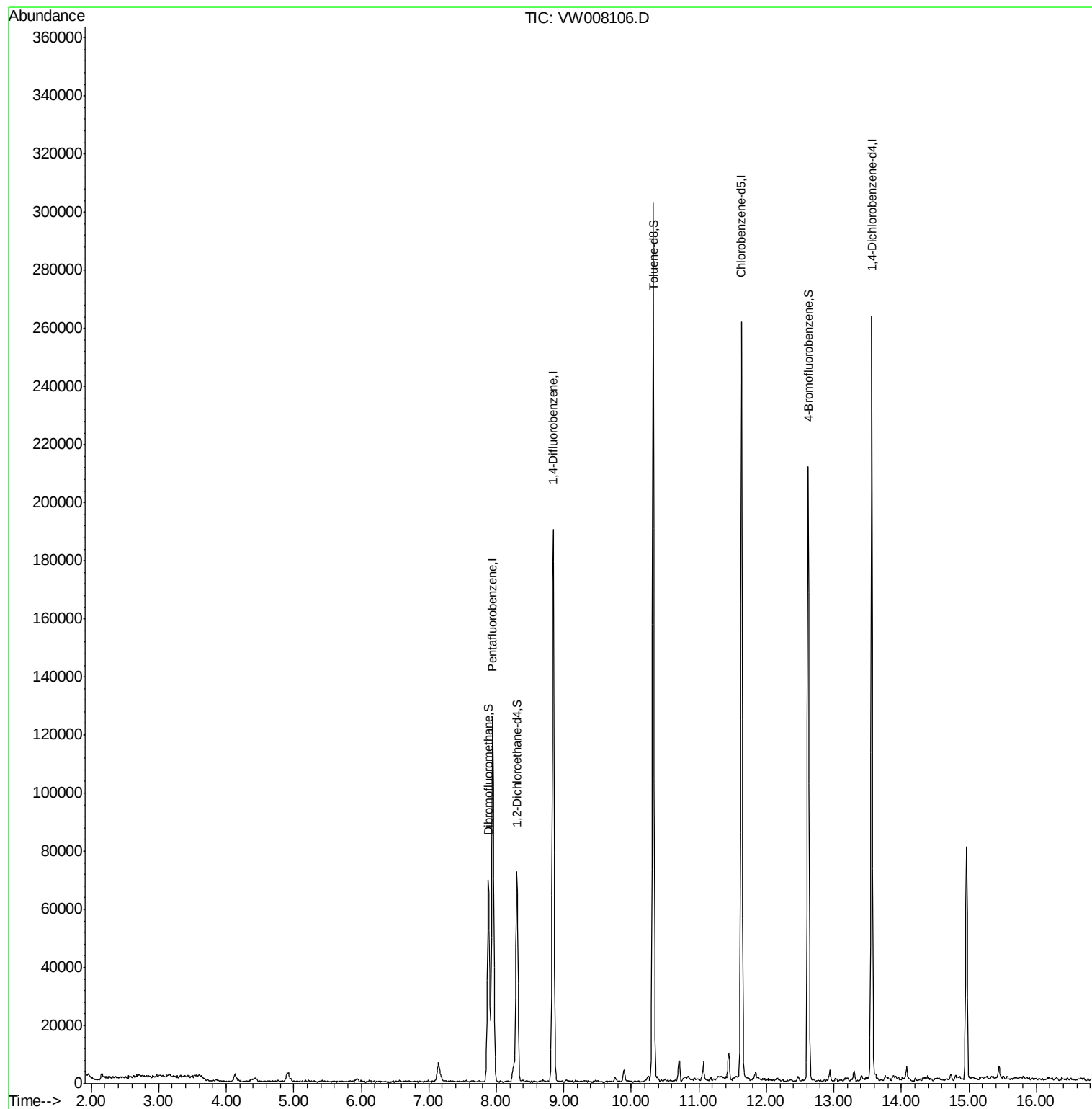
Target Compounds	Qvalue
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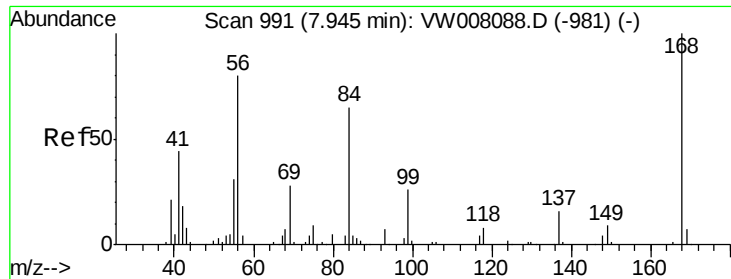
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008106.D

Acq: 09 Jan 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

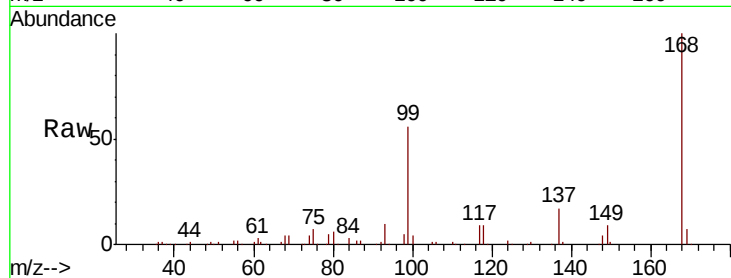
W12-1

Tot Ion:168 Resp: 94817

Ion Ratio Lower Upper

168 100

99 55.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

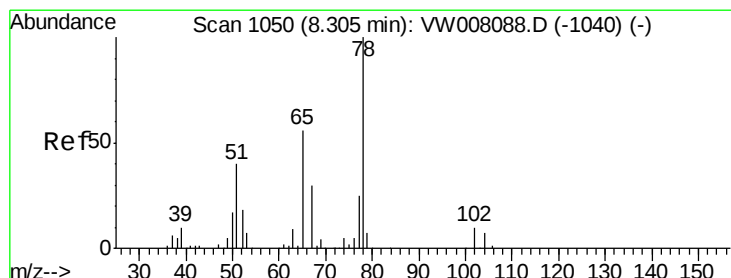
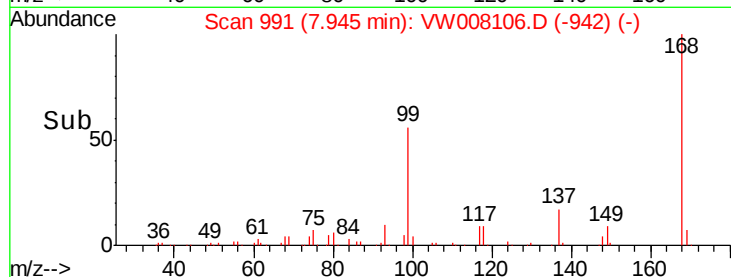
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 49.478 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008106.D

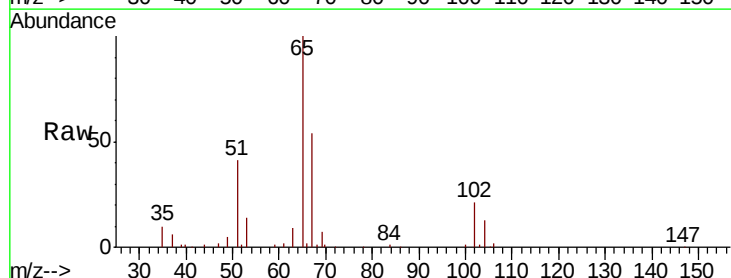
Acq: 09 Jan 2019 16:37

Tgt Ion: 65 Resp: 52727

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

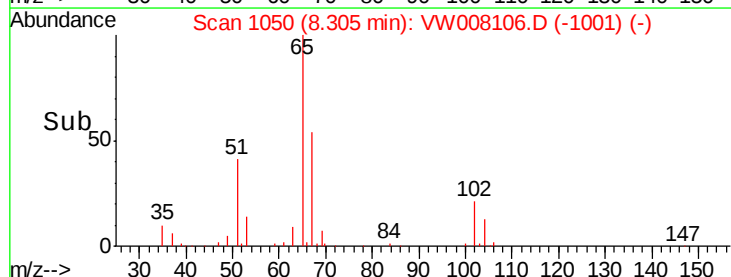
10000

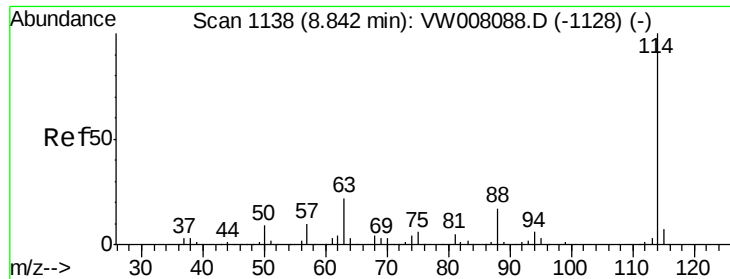
5000

0

Time-->

8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008106.D

Acq: 09 Jan 2019 16:37

Instrument :

MSVOA_W

ClientSampleId :

W12-1

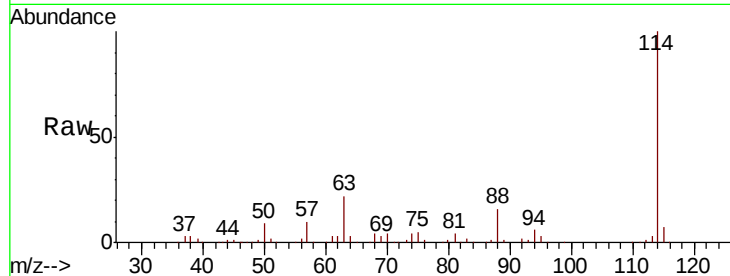
Tot Ion:114 Resp: 160721

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

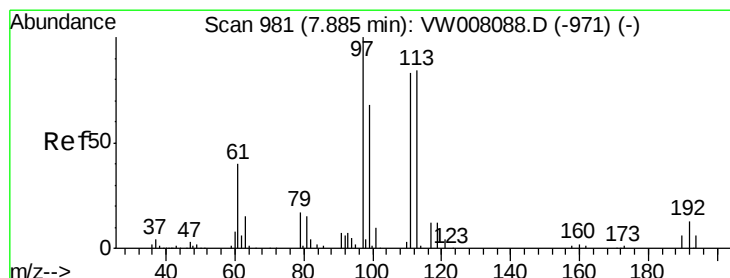
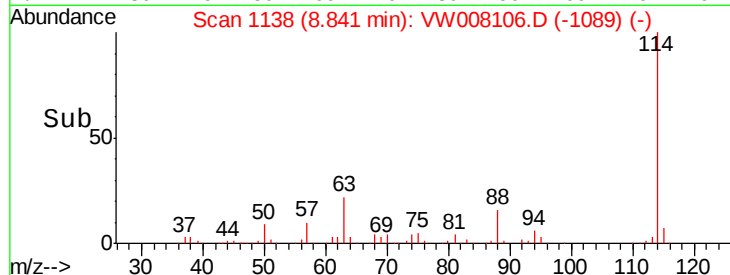
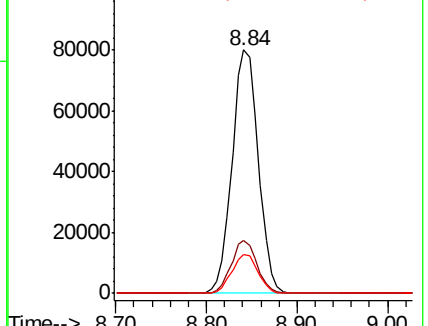
88 16.0 0.0 33.4



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: 53.115 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008106.D

Acq: 09 Jan 2019 16:37

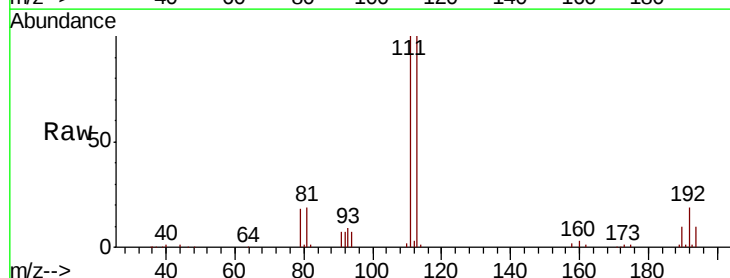
Tgt Ion:113 Resp: 49789

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

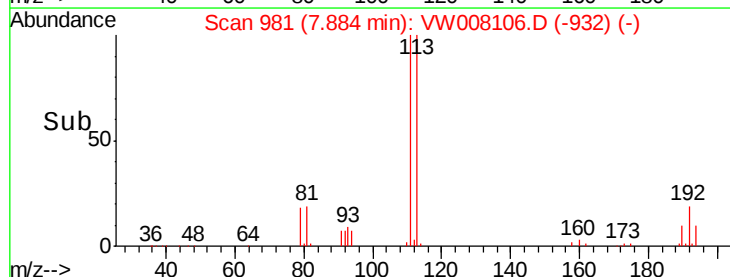
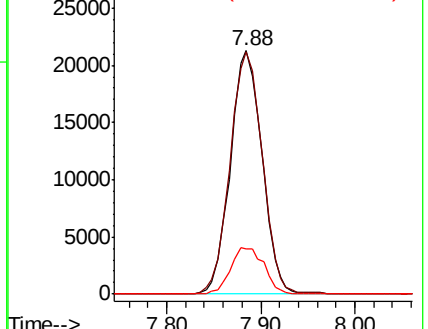
192 20.2 12.8 19.2#

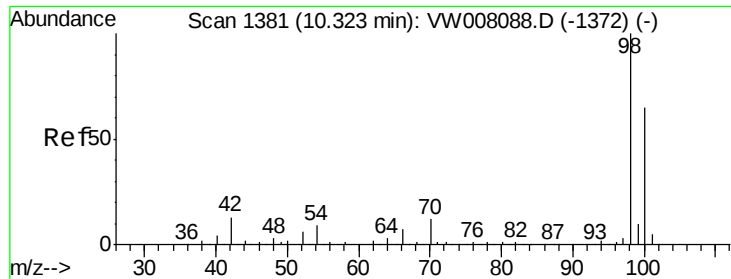


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

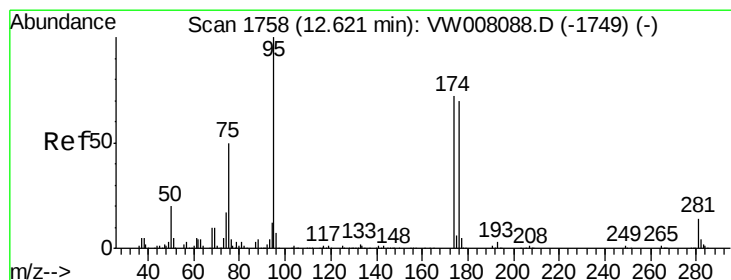
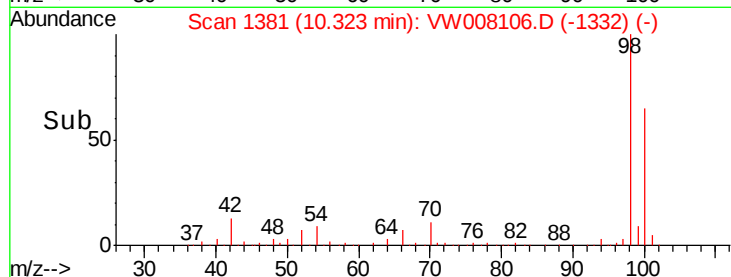
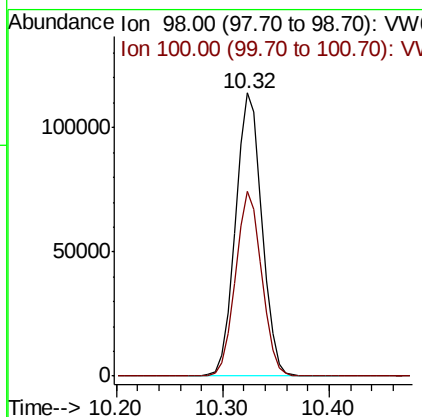
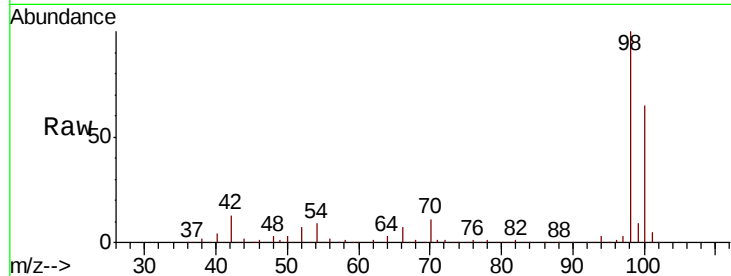




#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008106.D
Acq: 09 Jan 2019 16:37

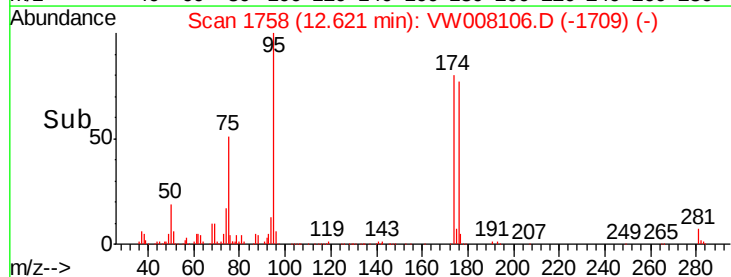
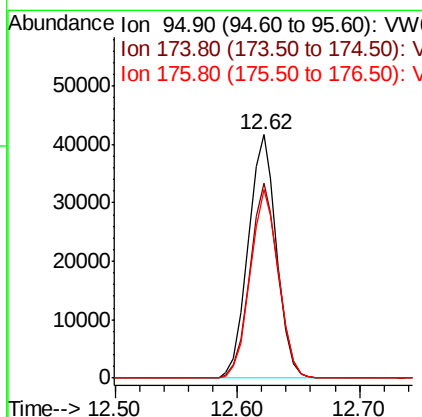
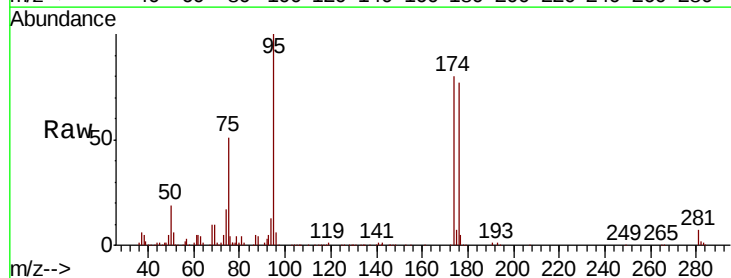
Instrument :
MSVOA_W
ClientSampleId :
W12-1

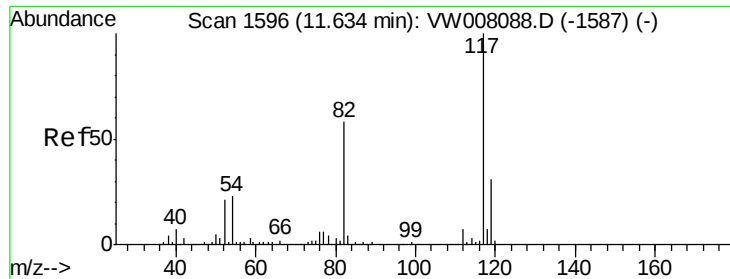
Tot Ion: 98 Resp: 198555
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008106.D
Acq: 09 Jan 2019 16:37

Tgt Ion: 95 Resp: 66954
Ion Ratio Lower Upper
95 100
174 79.9 0.0 143.0
176 77.9 0.0 140.2

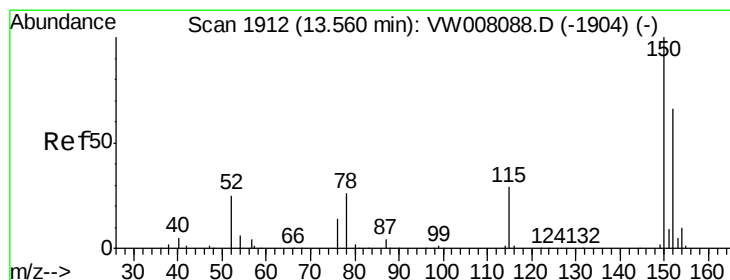
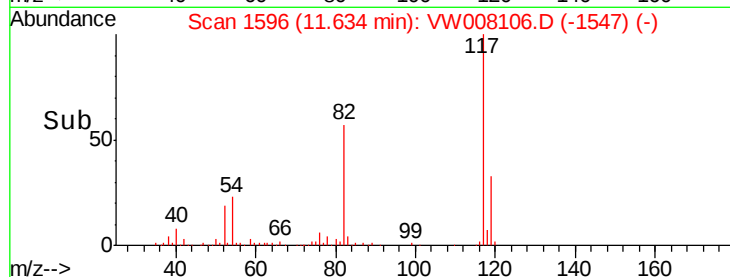
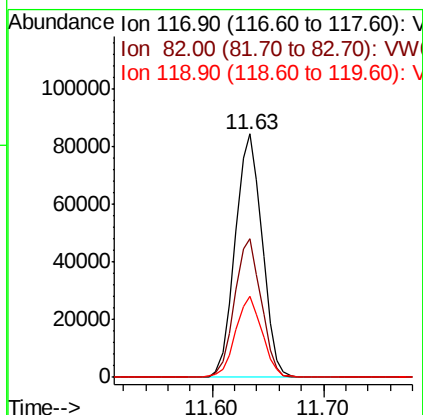
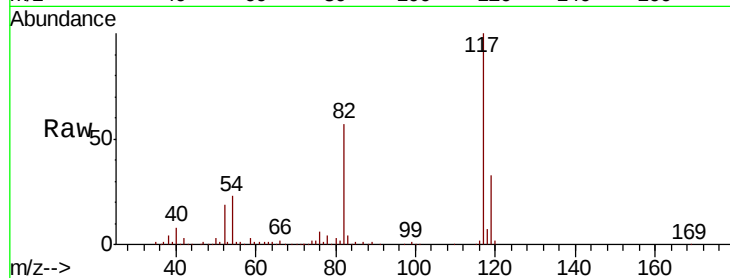




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008106.D
Acq: 09 Jan 2019 16:37

Instrument :
MSVOA_W
ClientSampleId :
W12-1

Tot Ion:117 Resp: 141252
Ion Ratio Lower Upper
117 100
82 56.8 46.4 69.6
119 33.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008106.D
Acq: 09 Jan 2019 16:37

Tgt Ion:152 Resp: 66505
Ion Ratio Lower Upper
152 100
115 57.3 30.8 92.4
150 156.5 0.0 350.2

