

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013038.D
 Acq On : 16 Sep 2019 13:50
 Operator : SY/VA
 Sample : K4852-08
 Misc : 5.12G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GIS-3(4)

Quant Time: Sep 16 14:19:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	158481	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148315	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
35) Dibromofluoromethane	7.88	113	127572	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
50) Toluene-d8	10.32	98	520301	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
62) 4-Bromofluorobenzene	12.62	95	167058	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

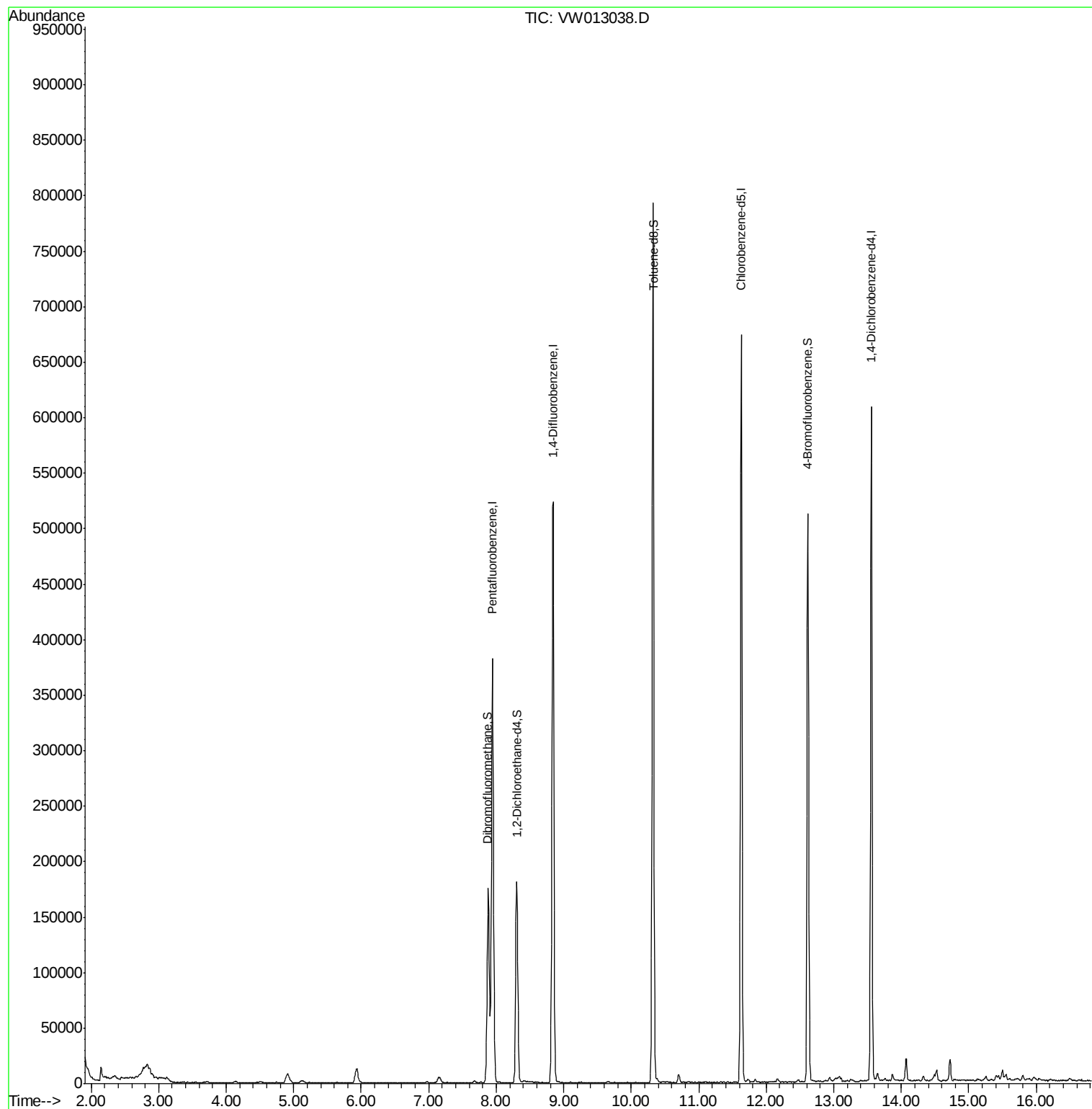
Target Compounds	Qvalue

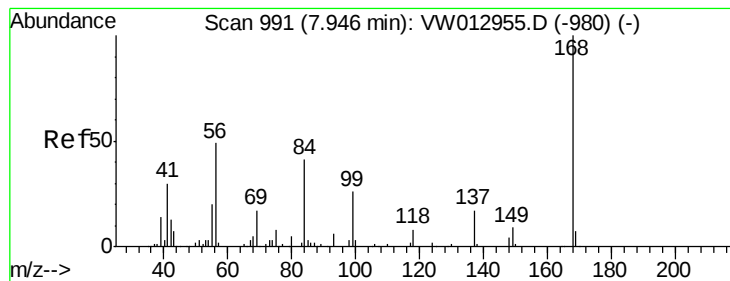
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013038.D

Acq: 16 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampled :

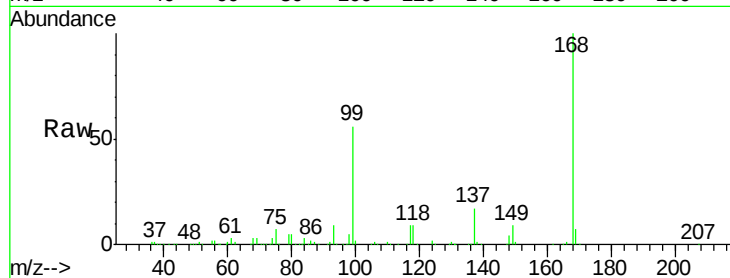
GIS-3(4)

Tot Ion:168 Resp: 294561

Ion Ratio Lower Upper

168 100

99 55.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

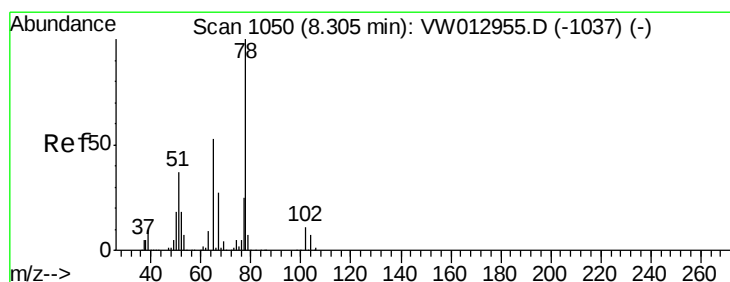
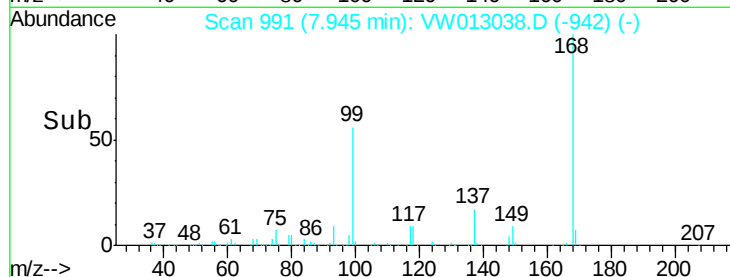
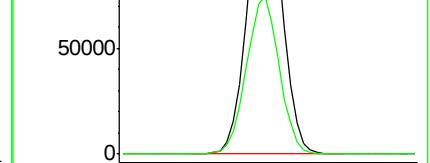
150000

100000

50000

0

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.518 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013038.D

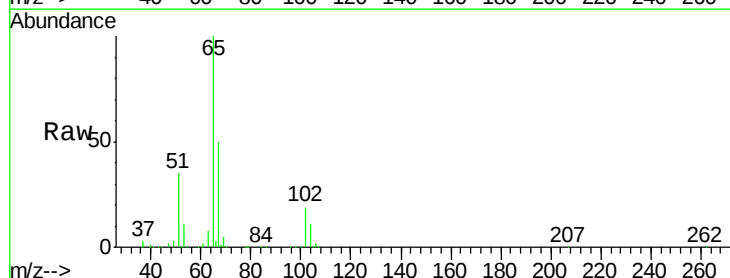
Acq: 16 Sep 2019 13:50

Tgt Ion: 65 Resp: 148315

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

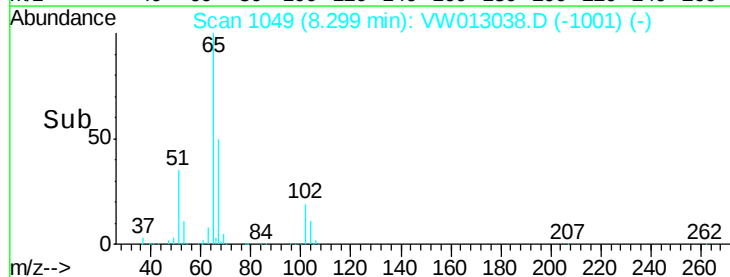
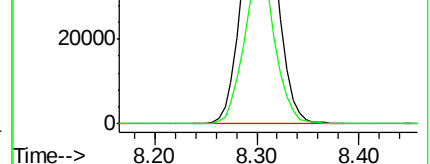
60000

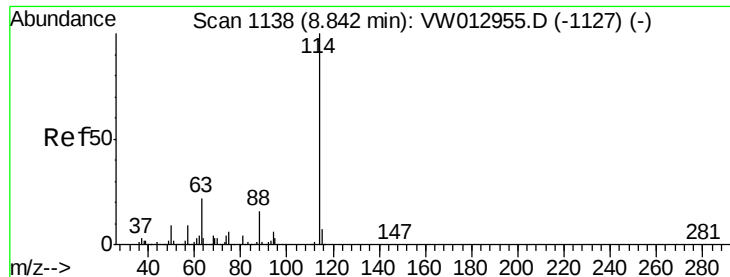
40000

20000

0

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: VW013038.D

Acq: 16 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

GIS-3(4)

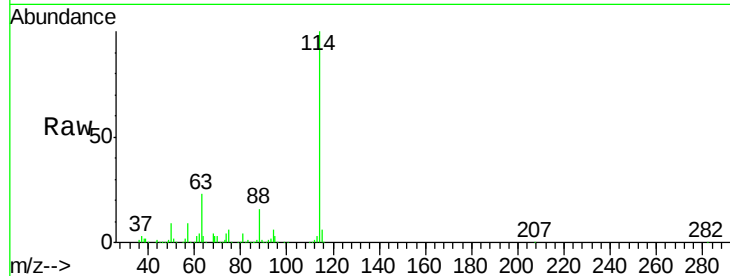
Tot Ion:114 Resp: 440905

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

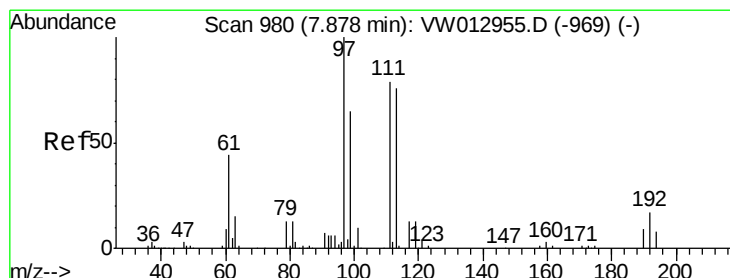
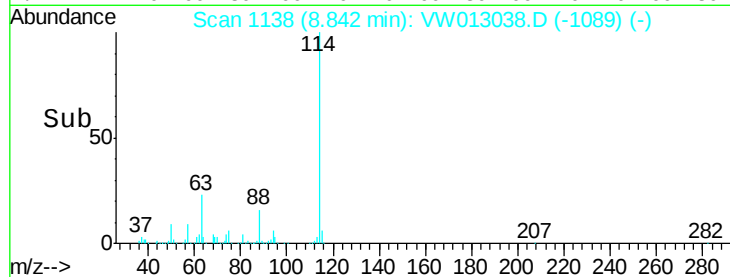
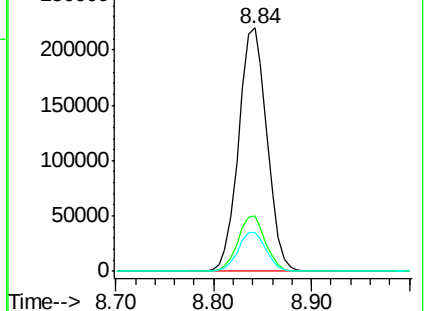
88 16.0 0.0 31.6



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: 53.324 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013038.D

Acq: 16 Sep 2019 13:50

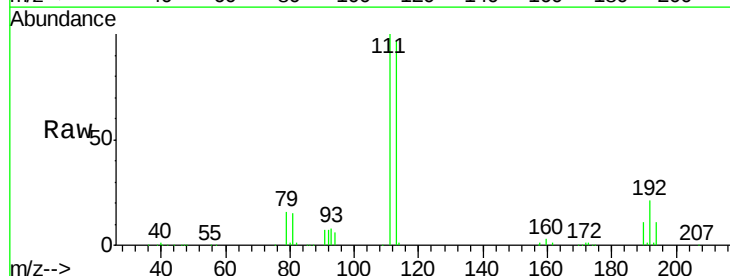
Tgt Ion:113 Resp: 127572

Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

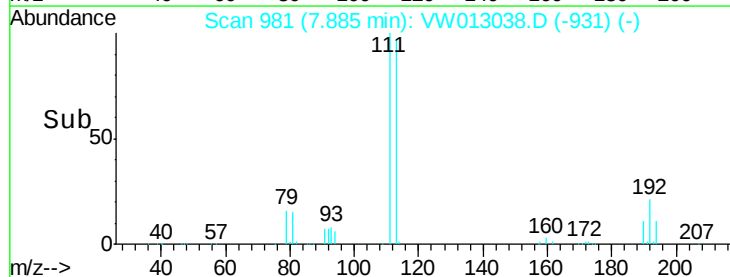
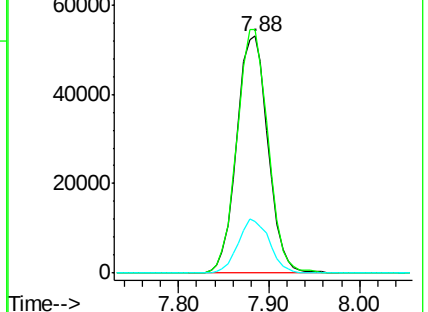
192 22.8 17.8 26.8

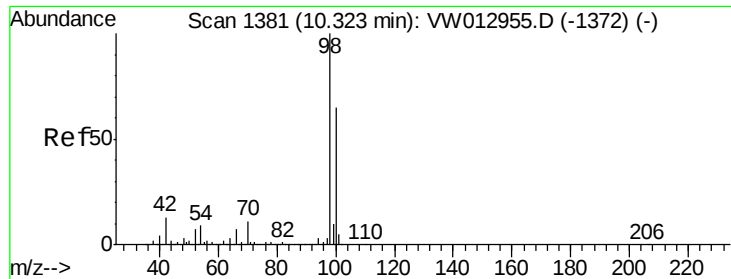


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.577 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013038.D

Acq: 16 Sep 2019 13:50

Instrument :

MSVOA_W

ClientSampleId :

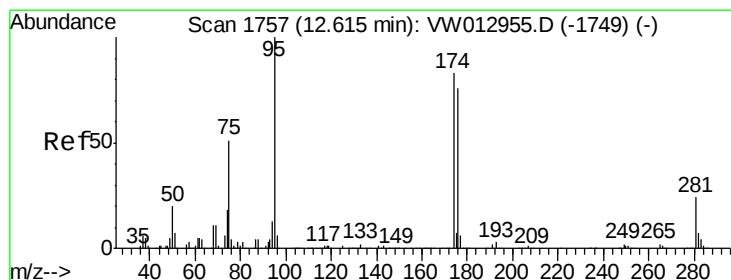
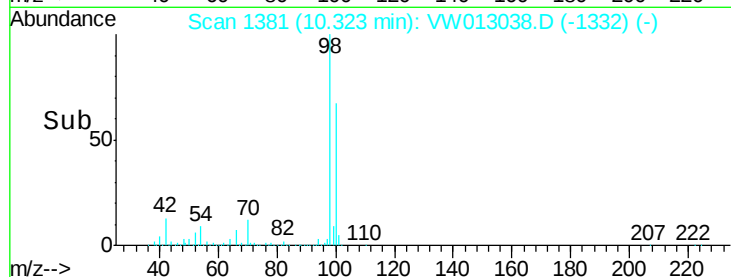
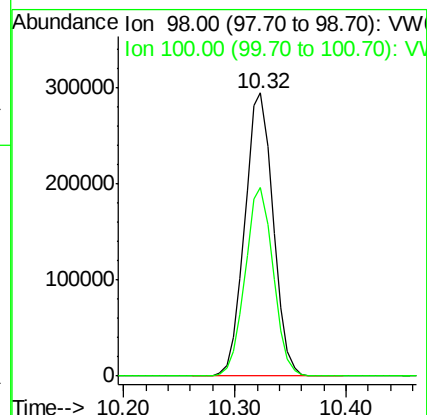
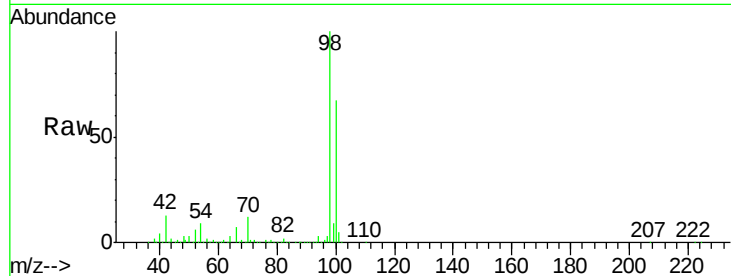
GIS-3(4)

Tot Ion: 98 Resp: 520301

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 49.627 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013038.D

Acq: 16 Sep 2019 13:50

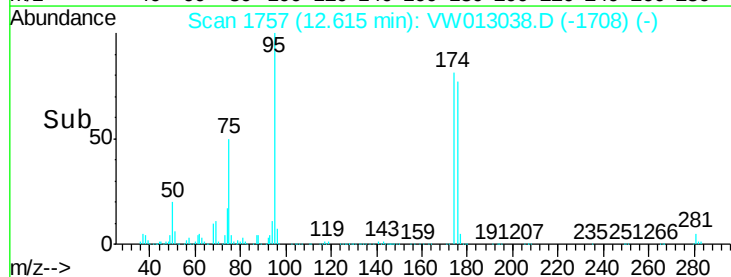
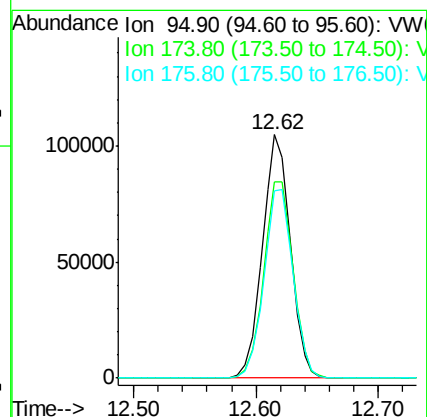
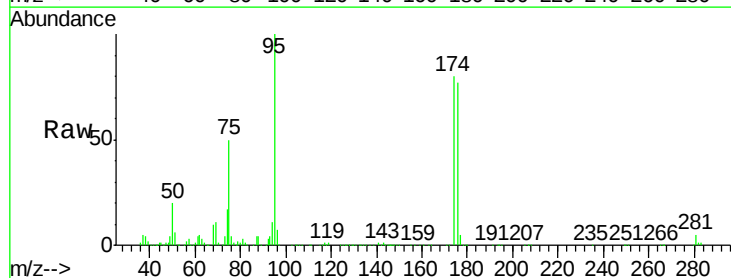
Tgt Ion: 95 Resp: 167058

Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.4

176 80.6 0.0 164.6

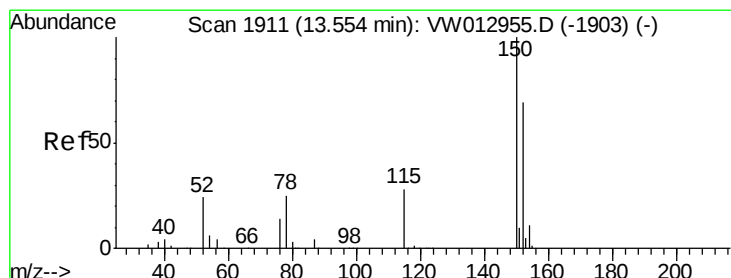
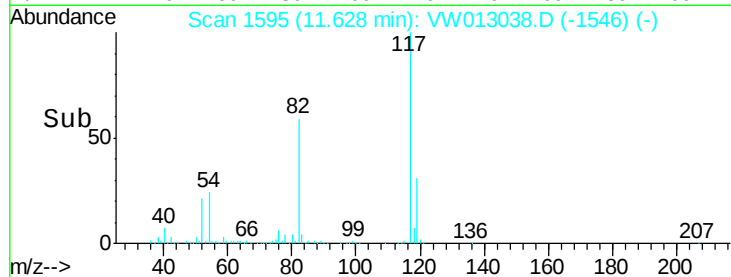
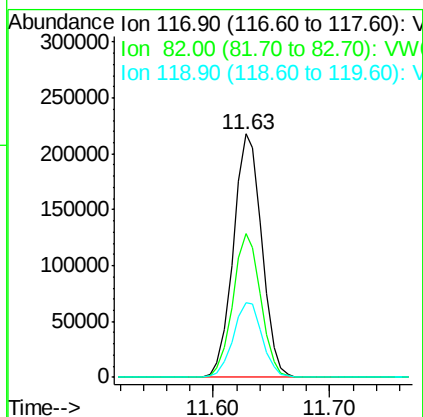
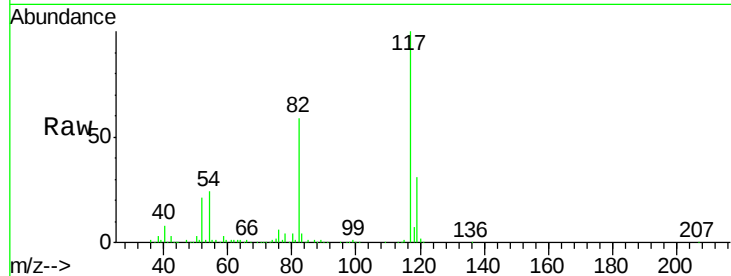




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013038.D
Acq: 16 Sep 2019 13:50

Instrument :
MSVOA_W
ClientSampleId :
GIS-3(4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.3	69.5
119	30.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013038.D
Acq: 16 Sep 2019 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.4
150	157.1	0.0	340.2

