

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013090.D
 Acq On : 17 Sep 2019 15:12
 Operator : SY/VA
 Sample : K4861-06
 Misc : 4.75G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11-D2(6-6.5)

Quant Time: Sep 18 06:45:01 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	316596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	489488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184934	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	163268	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
35) Dibromofluoromethane	7.88	113	138740	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
50) Toluene-d8	10.32	98	577845	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.62	95	187266	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

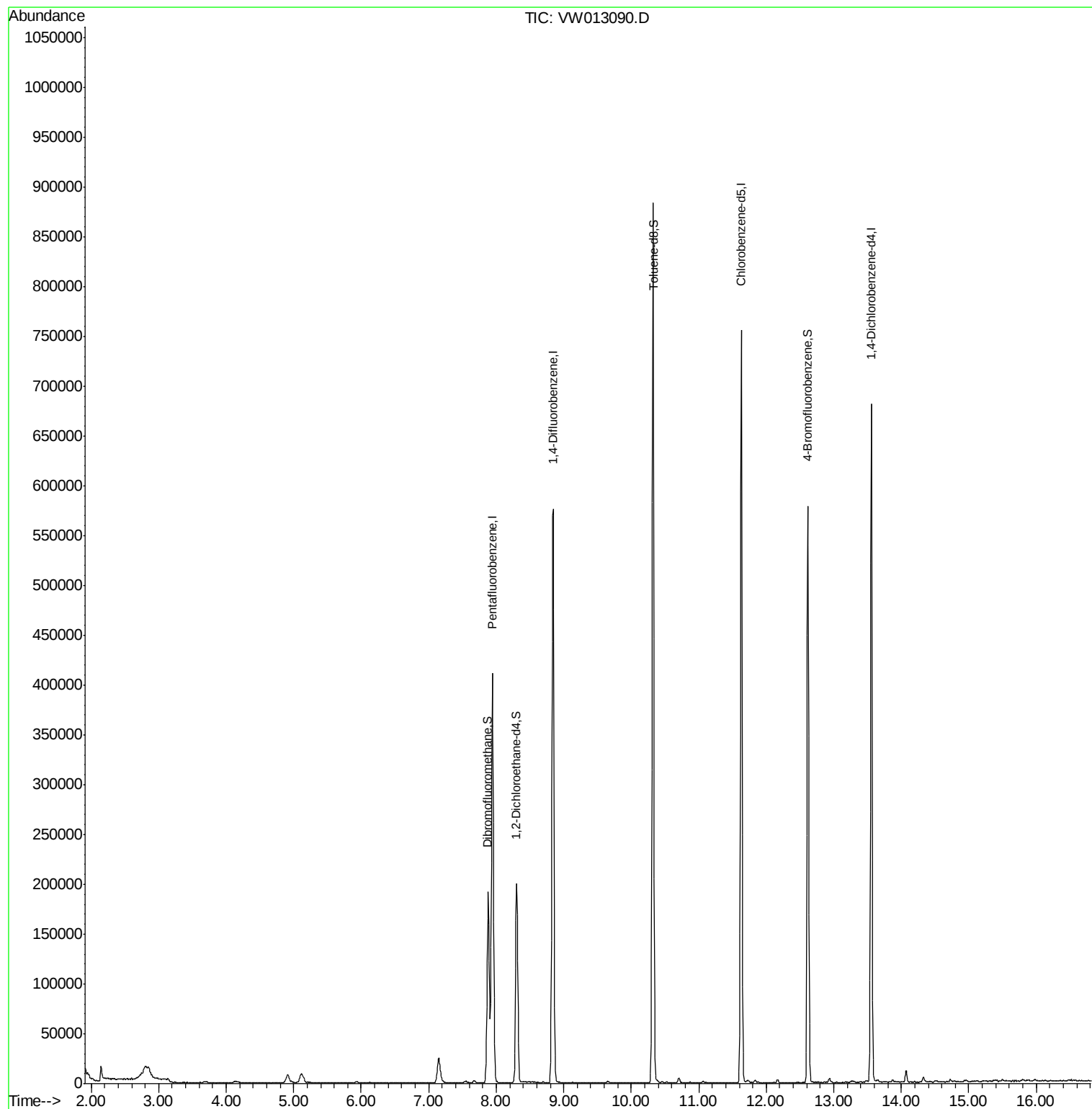
Target Compounds	Qvalue
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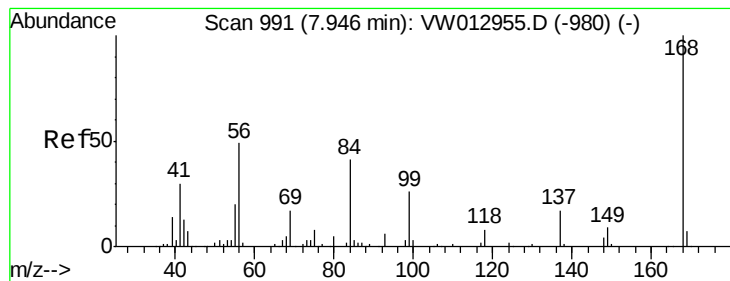
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
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Quant Title : SW846 8260
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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: VW013090.D

Acq: 17 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

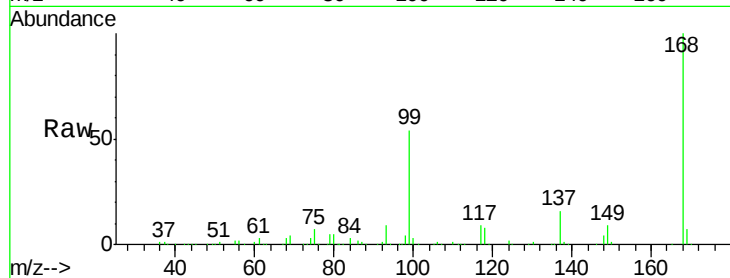
TP-11-D2(6-6.5)

Tot Ion:168 Resp: 316596

Ion Ratio Lower Upper

168 100

99 53.9 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

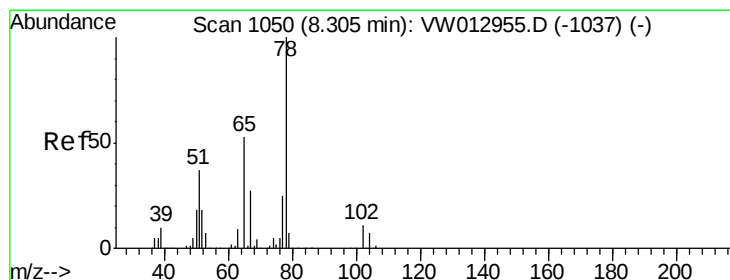
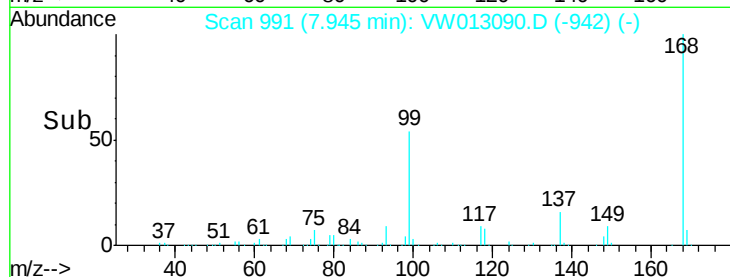
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 55.837 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013090.D

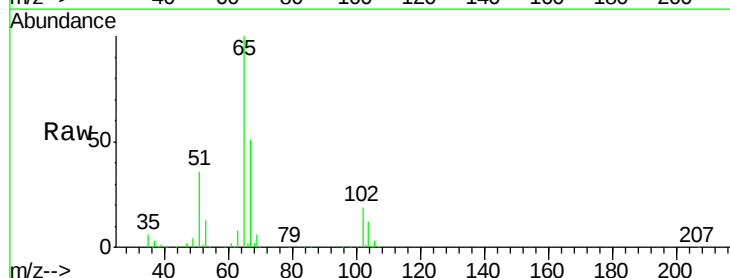
Acq: 17 Sep 2019 15:12

Tgt Ion: 65 Resp: 163268

Ion Ratio Lower Upper

65 100

67 52.2 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

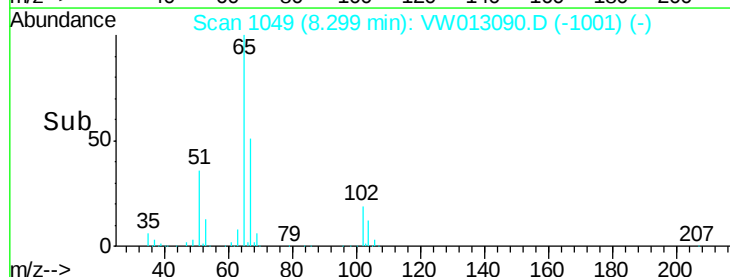
60000

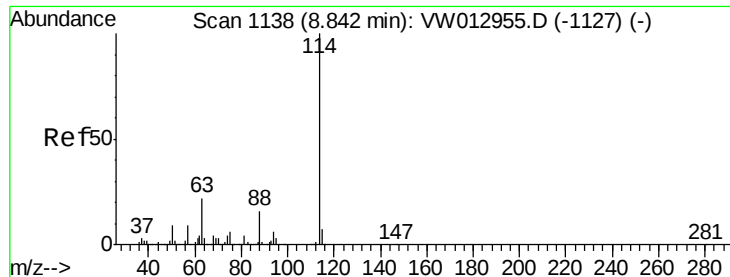
40000

20000

0

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: VW013090.D

Acq: 17 Sep 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

TP-11-D2(6-6.5)

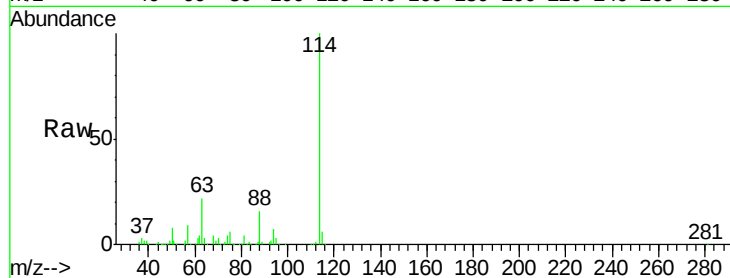
Tot Ion:114 Resp: 489488

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.4

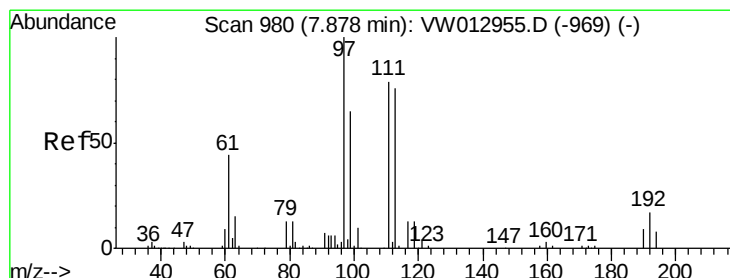
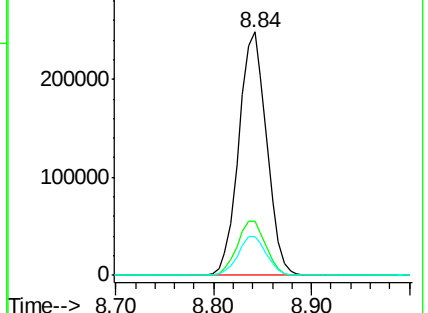
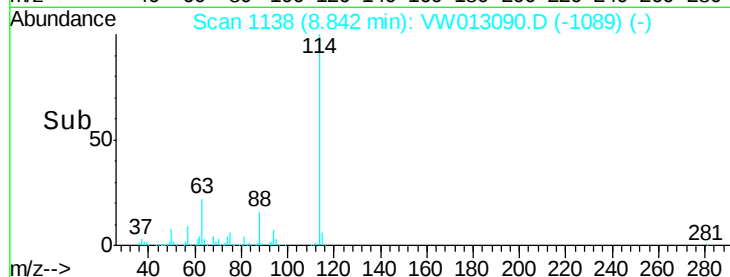
88 15.9 0.0 31.6



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: 52.236 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013090.D

Acq: 17 Sep 2019 15:12

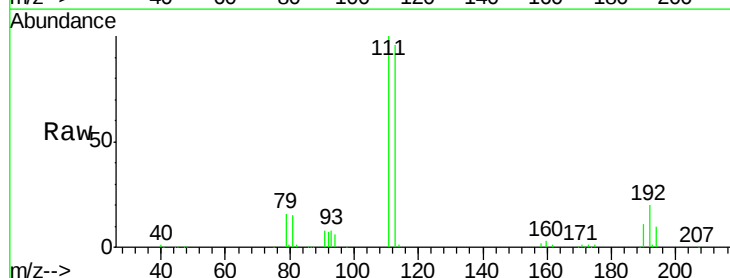
Tgt Ion:113 Resp: 138740

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

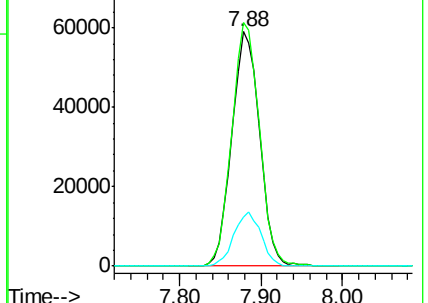
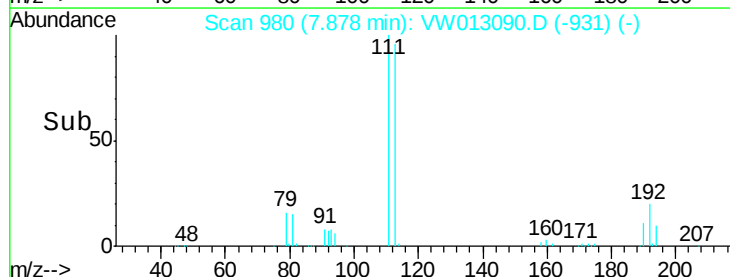
192 22.5 17.8 26.8

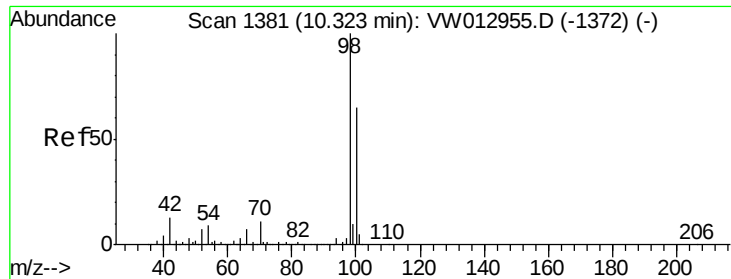


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

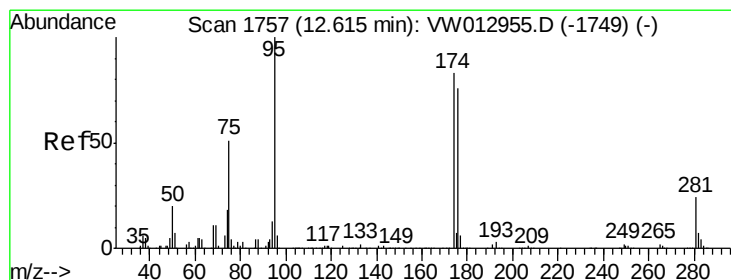
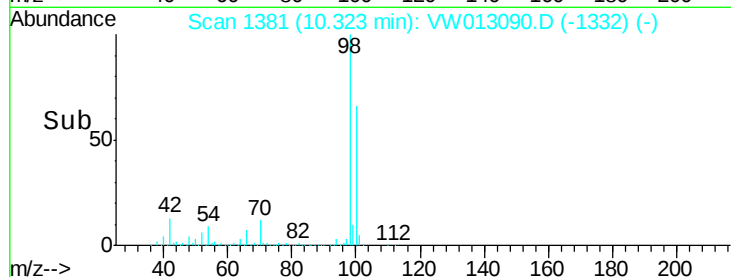
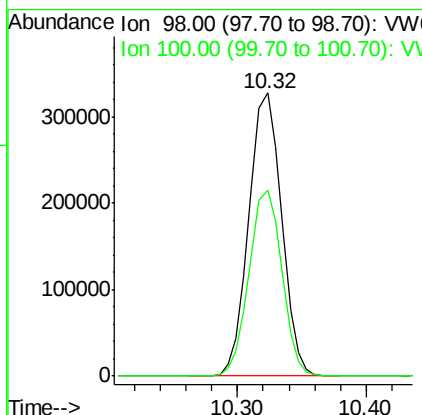
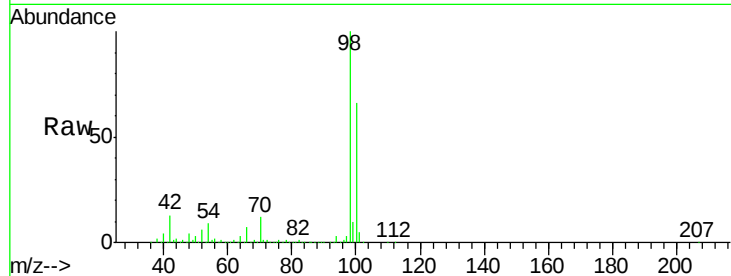




#50
Toluene-d8
Concen: 55.598 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013090.D
Acq: 17 Sep 2019 15:12

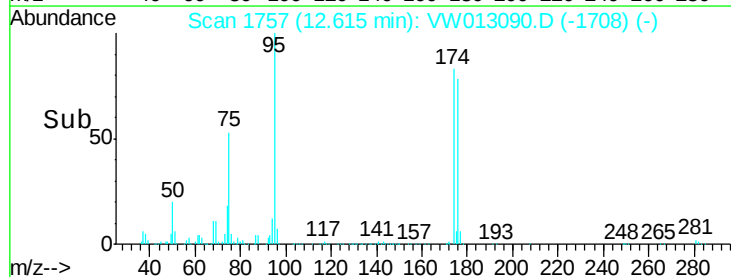
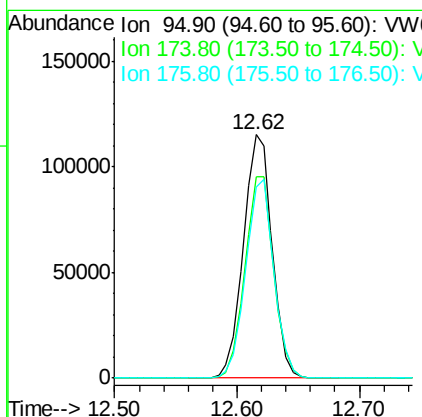
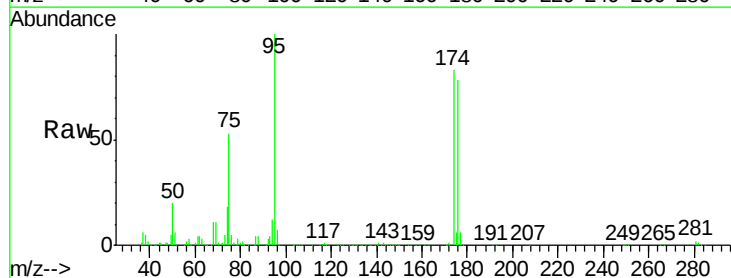
Instrument :
MSVOA_W
ClientSampleId :
TP-11-D2(6-6.5)

Tot Ion: 98 Resp: 577845
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.109 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013090.D
Acq: 17 Sep 2019 15:12

Tgt Ion: 95 Resp: 187266
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.4
176 80.5 0.0 164.6

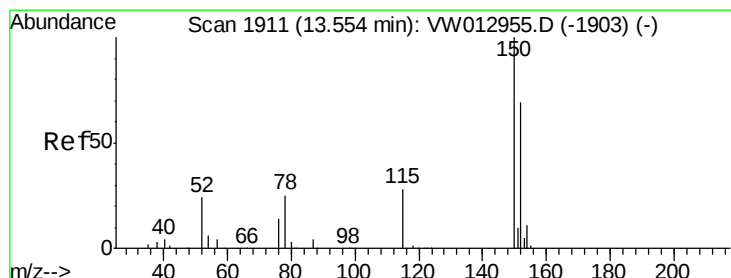
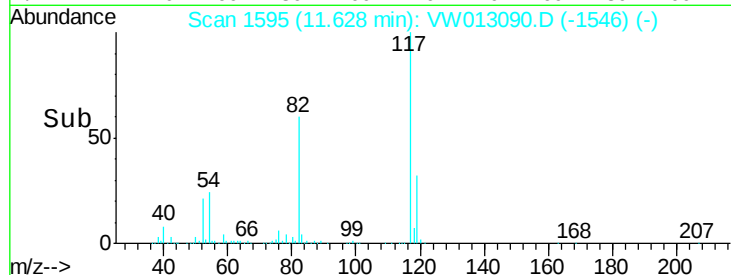
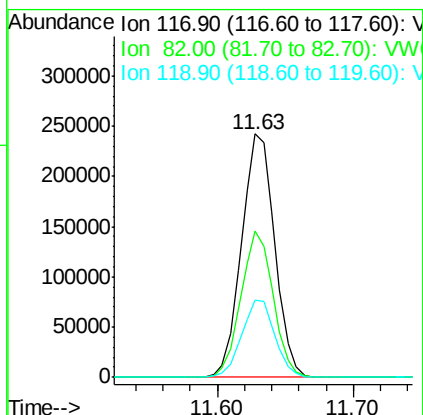
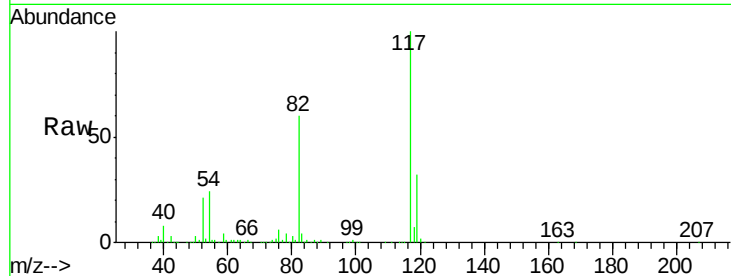




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013090.D
Acq: 17 Sep 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
TP-11-D2(6-6.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.3	69.5
119	31.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013090.D
Acq: 17 Sep 2019 15:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.4
150	156.7	0.0	340.2

