

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013123.D
 Acq On : 18 Sep 2019 19:28
 Operator : SY/VA
 Sample : K4942-03
 Misc : 2.09G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Sep 19 09:09:40 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	328330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	498535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164892	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154061	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	141874	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.32	98	575310	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.62	95	174173	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	

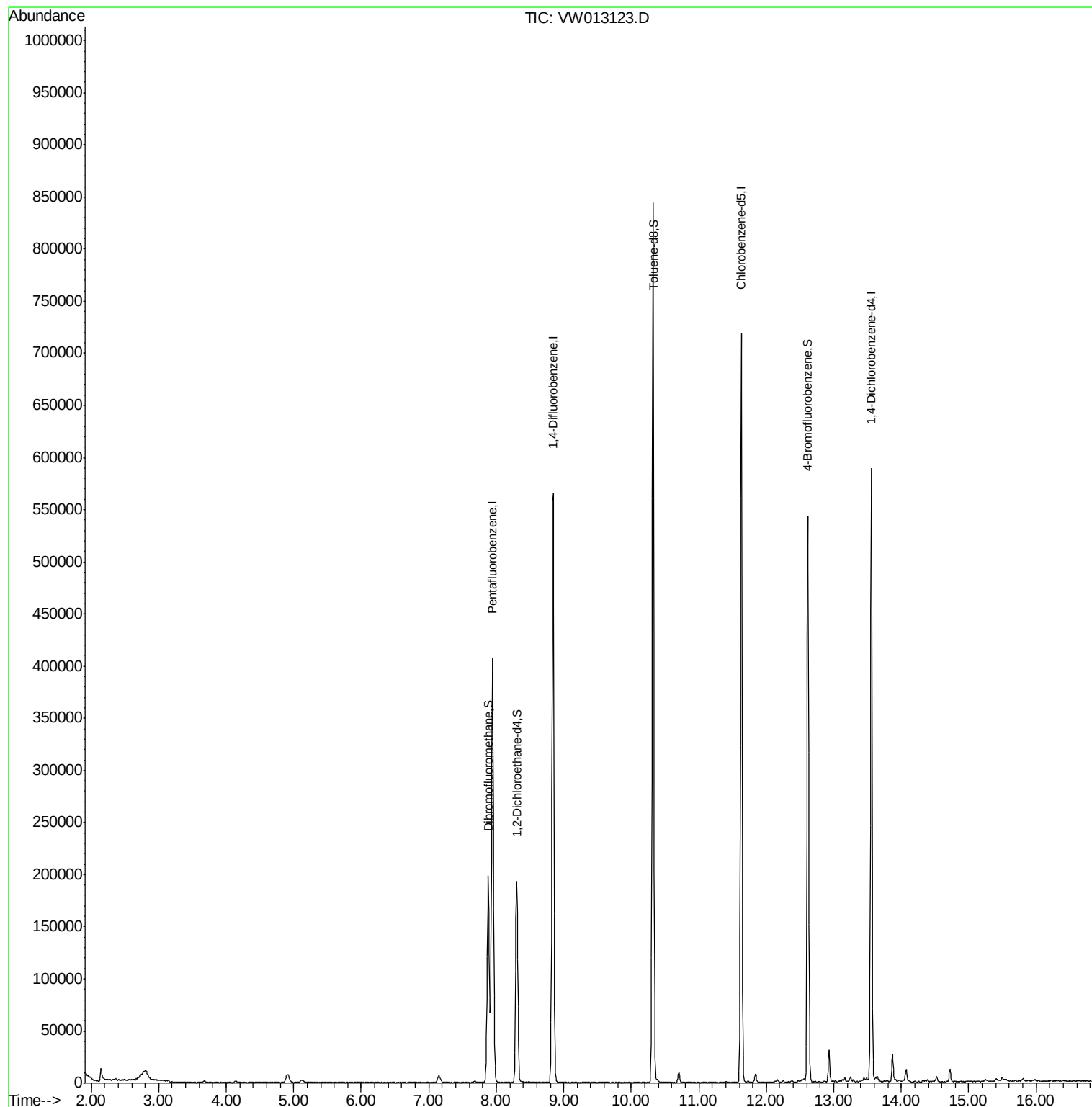
Target Compounds	Qvalue

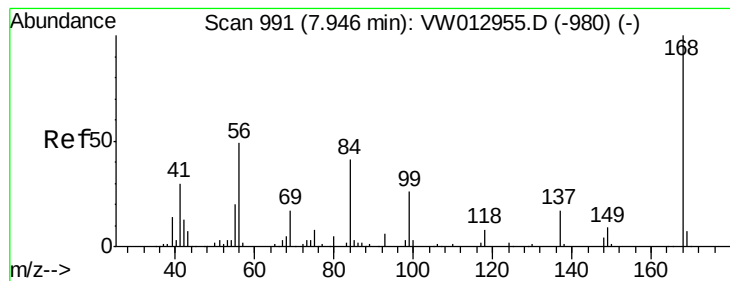
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013123.D

Acq: 18 Sep 2019 19:28

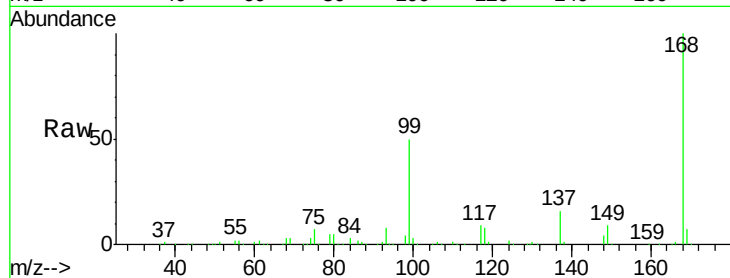
Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:168 Resp: 328330

Ion Ratio Lower Upper

168 100

99 50.2 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

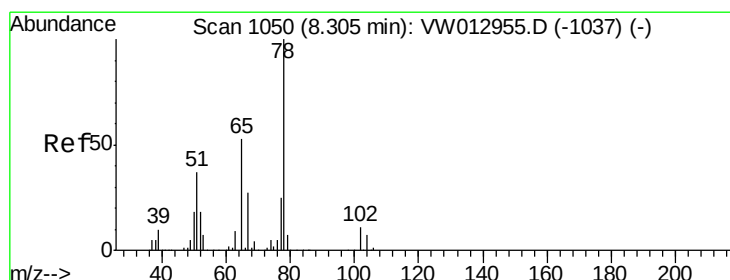
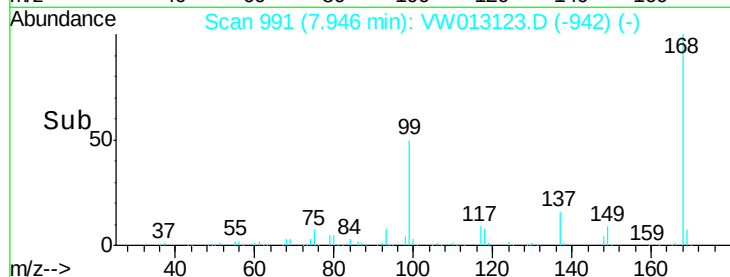
100000

50000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.806 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013123.D

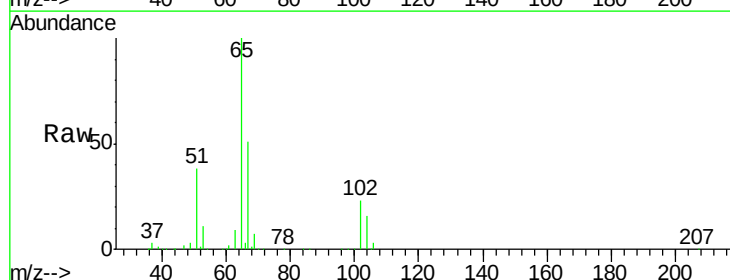
Acq: 18 Sep 2019 19:28

Tgt Ion: 65 Resp: 154061

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

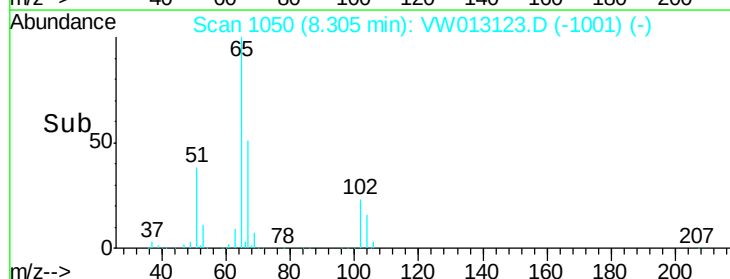
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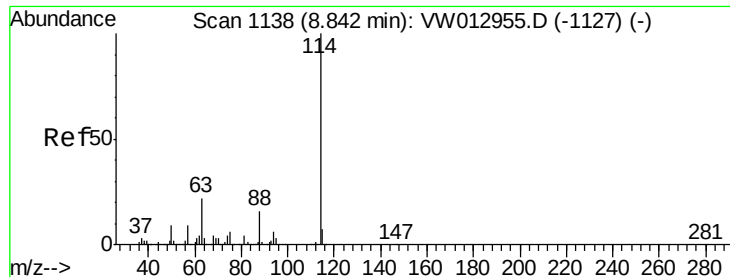
20000

0

Time-->

8.20 8.30 8.40

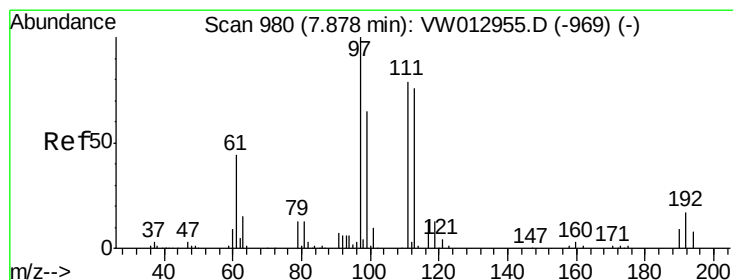
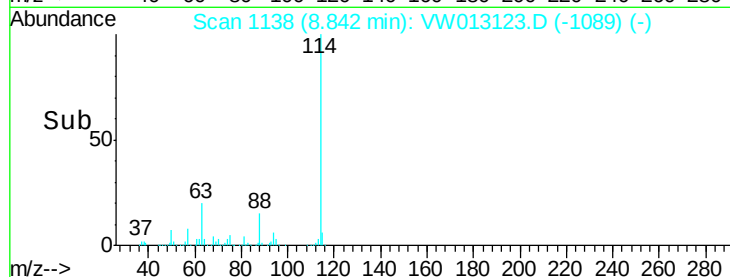
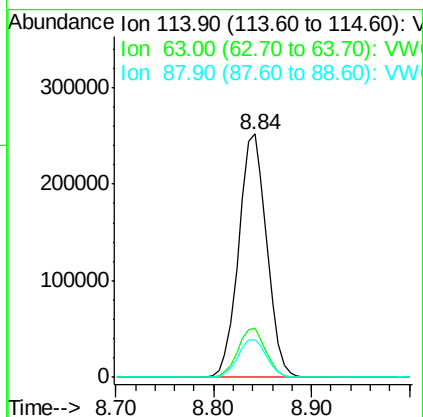
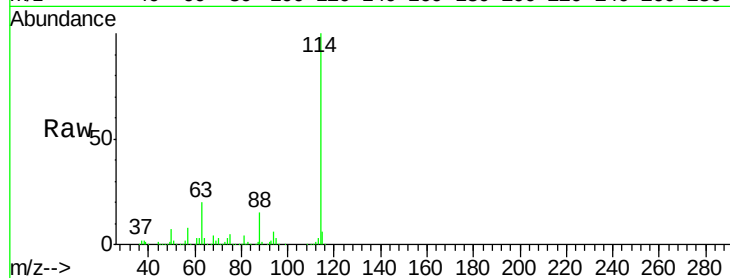




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013123.D
Acq: 18 Sep 2019 19:28

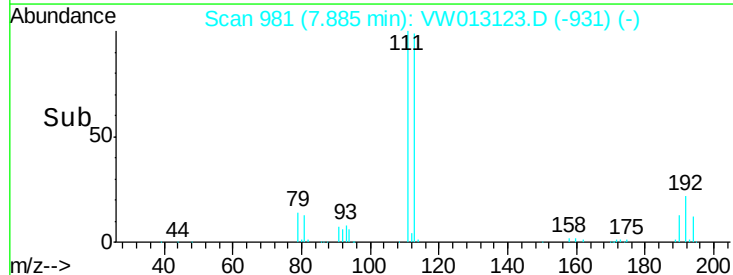
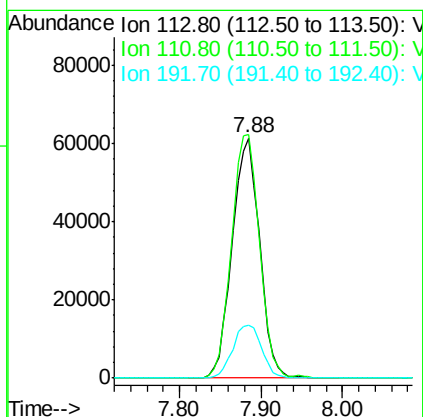
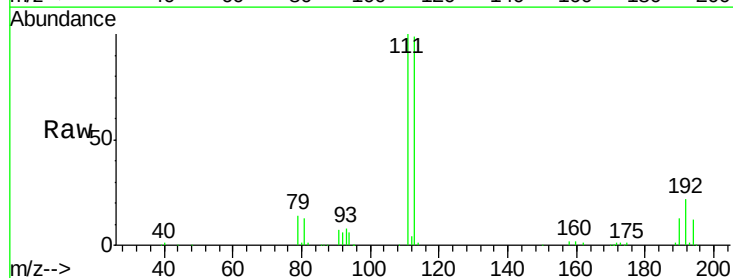
Instrument :
MSVOA_W
ClientSampleId :
TP-2

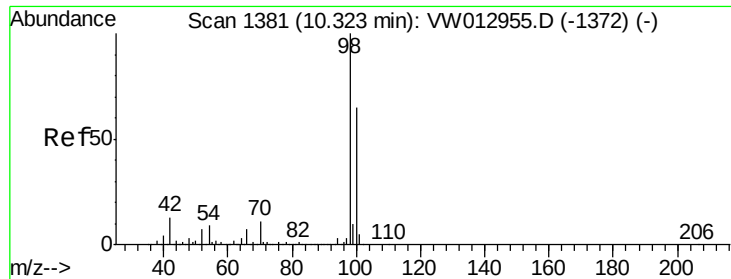
Tot Ion:114 Resp: 498535
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.4
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.447 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013123.D
Acq: 18 Sep 2019 19:28

Tgt Ion:113 Resp: 141874
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 23.4 17.8 26.8

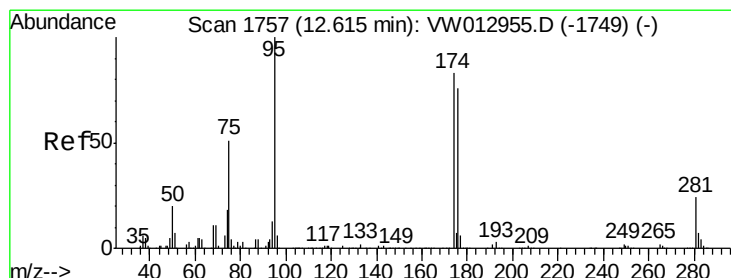
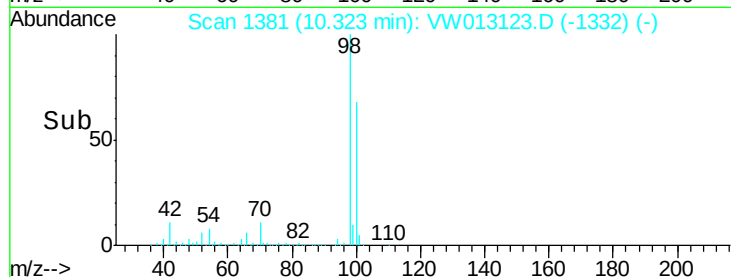
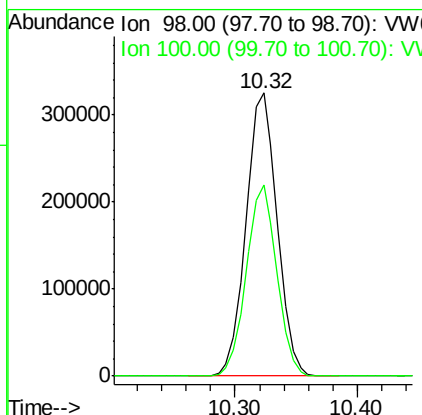
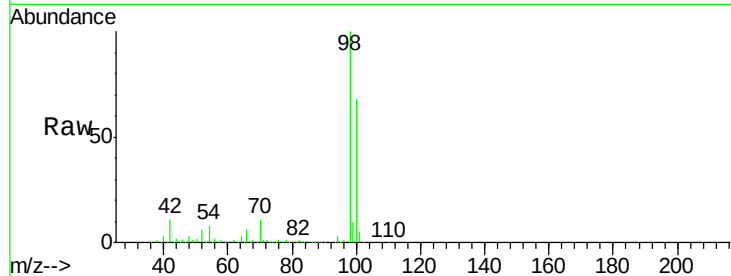




#50
Toluene-d8
Concen: 54.349 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013123.D
Acq: 18 Sep 2019 19:28

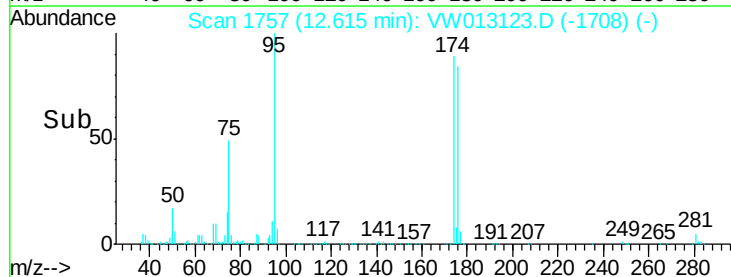
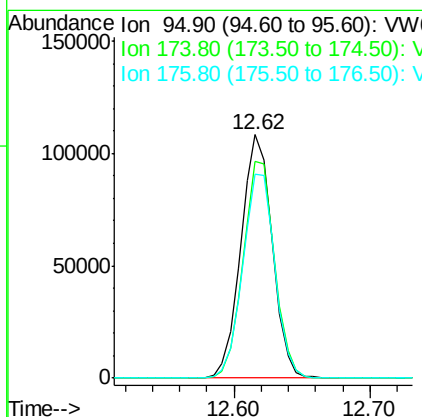
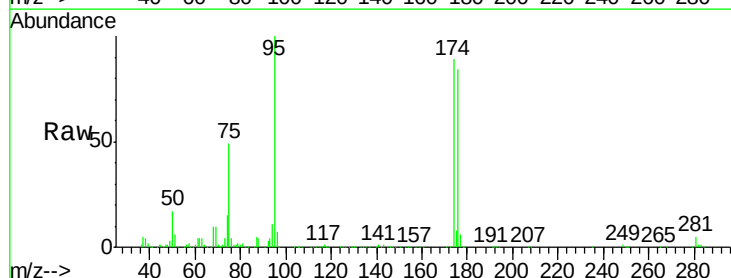
Instrument :
MSVOA_W
ClientSampled :
TP-2

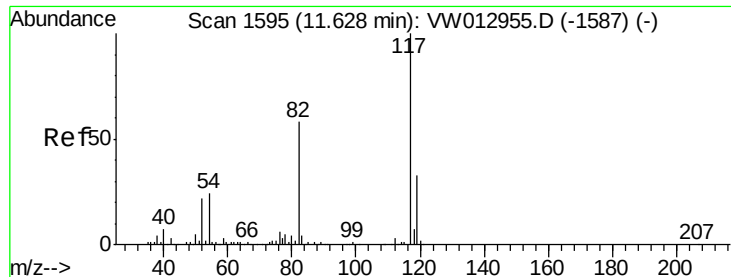
Tot Ion: 98 Resp: 575310
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.759 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013123.D
Acq: 18 Sep 2019 19:28

Tgt Ion: 95 Resp: 174173
Ion Ratio Lower Upper
95 100
174 89.8 0.0 170.4
176 86.3 0.0 164.6

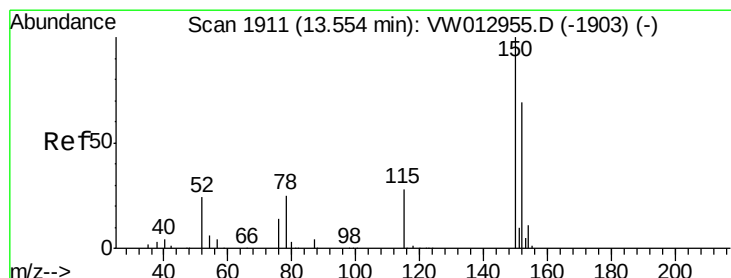
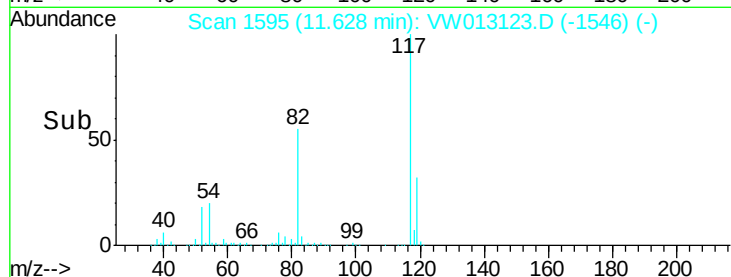
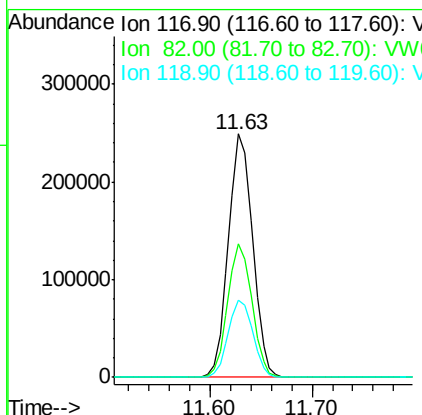
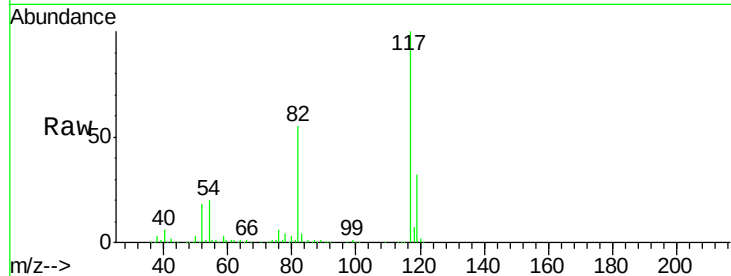




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013123.D
Acq: 18 Sep 2019 19:28

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.3	69.5
119	31.6	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: VW013123.D
Acq: 18 Sep 2019 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.4
150	156.5	0.0	340.2

