

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013126.D
 Acq On : 18 Sep 2019 20:46
 Operator : SY/VA
 Sample : K4942-09
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Sep 19 09:14:25 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	333571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147306	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.88	113	139822	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	568600	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	165087	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

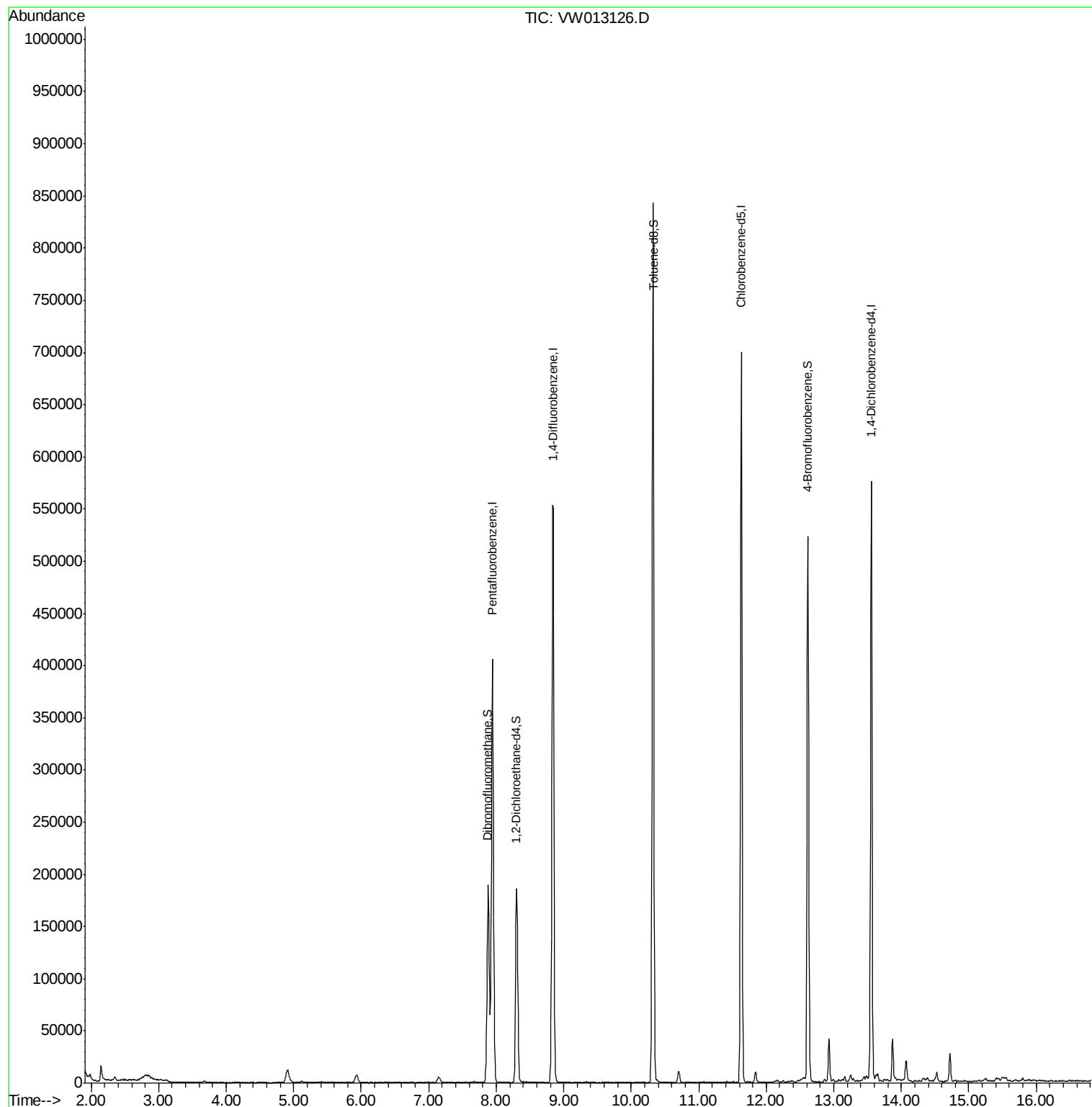
Target Compounds	Qvalue

(#) = 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: VW013126.D

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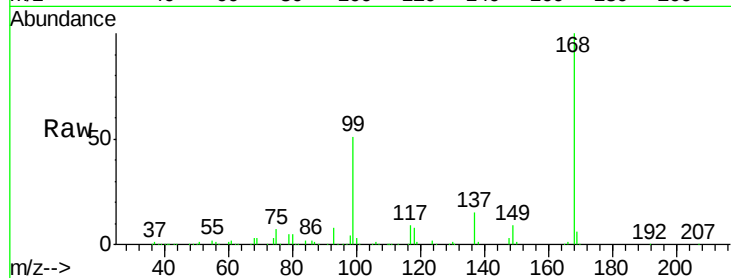
Instrument :
MSVOA_W
ClientSampleId :
TP-5

Tot Ion:168 Resp: 333571

Ion Ratio Lower Upper

168 100

99 50.8 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

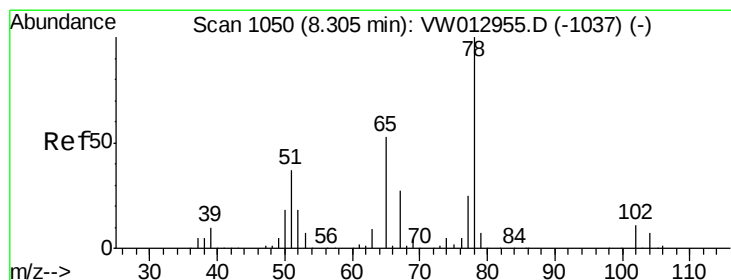
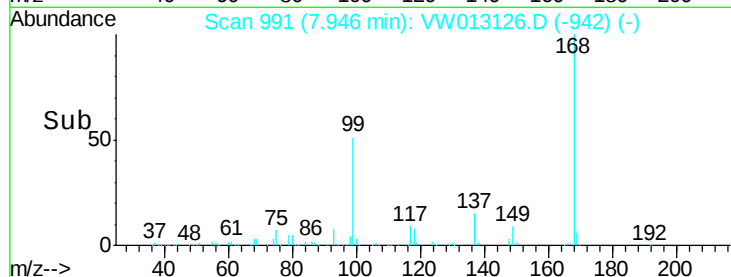
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 47.815 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013126.D

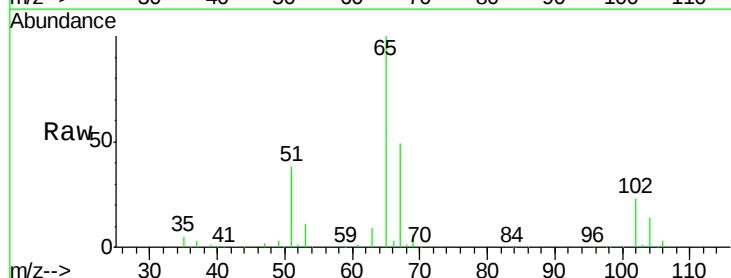
Acq: 18 Sep 2019 20:46

Tgt Ion: 65 Resp: 147306

Ion Ratio Lower Upper

65 100

67 51.9 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

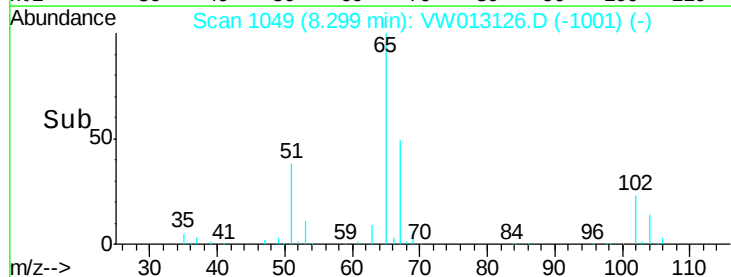
60000

40000

20000

0

Time--> 8.20 8.30 8.40

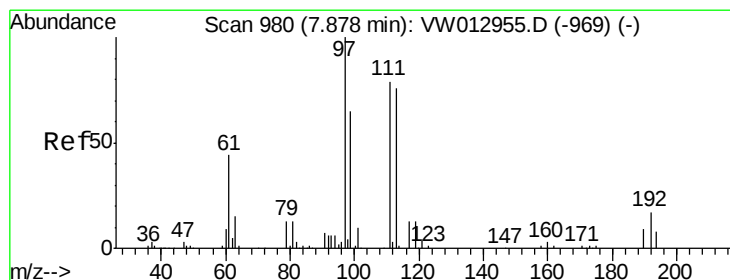
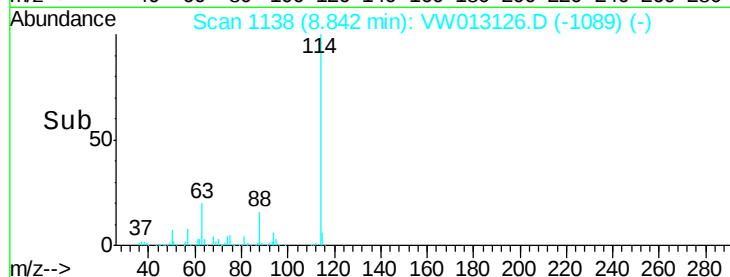
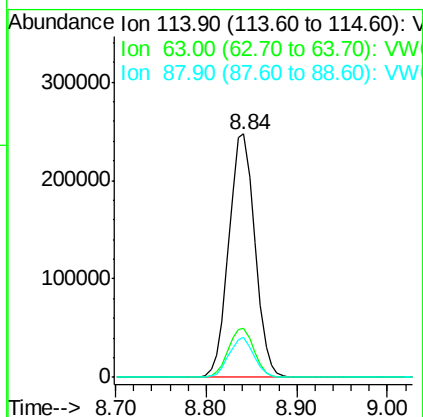
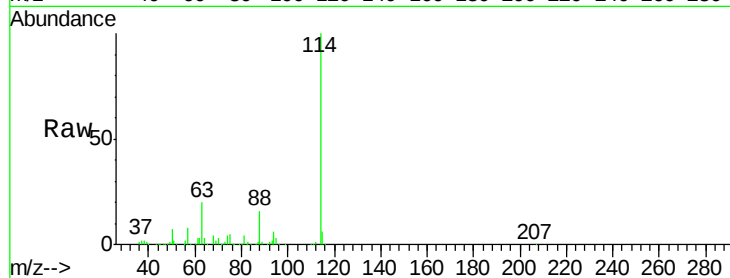




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

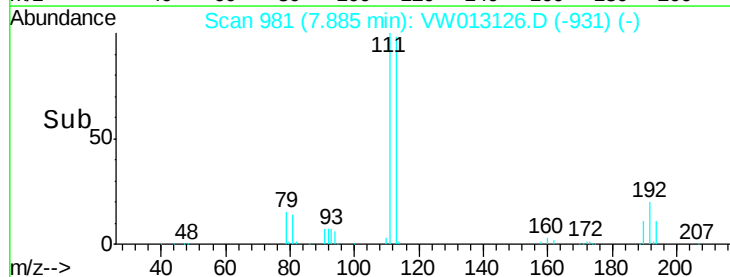
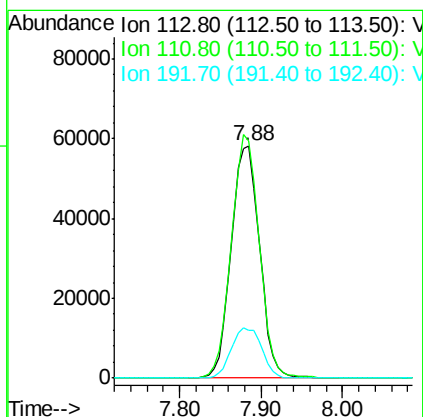
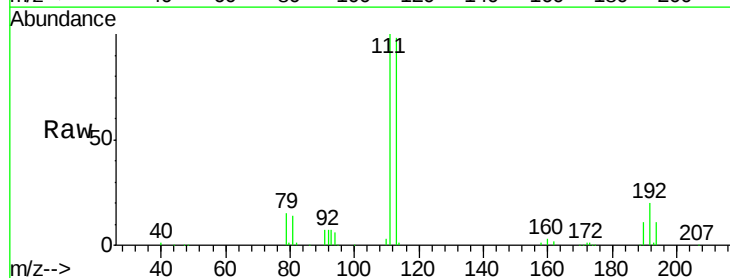
Instrument :
MSVOA_W
ClientSampleId :
TP-5

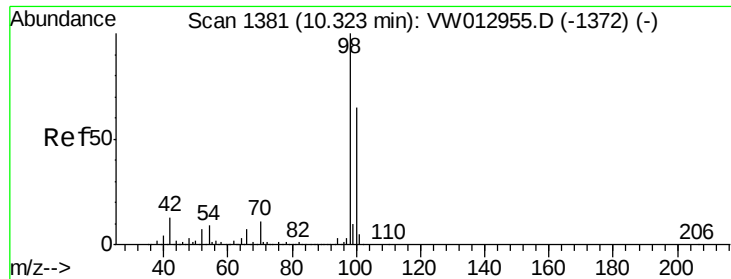
Tot Ion:114 Resp: 494170
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.4
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.145 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion:113 Resp: 139822
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 23.1 17.8 26.8

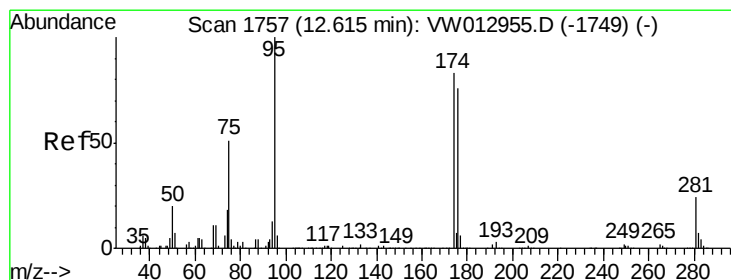
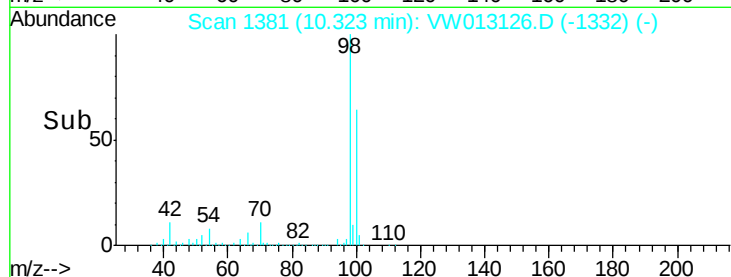
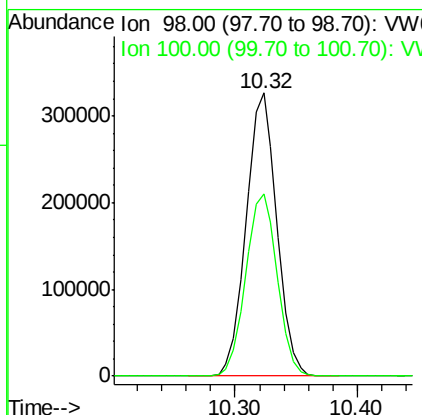
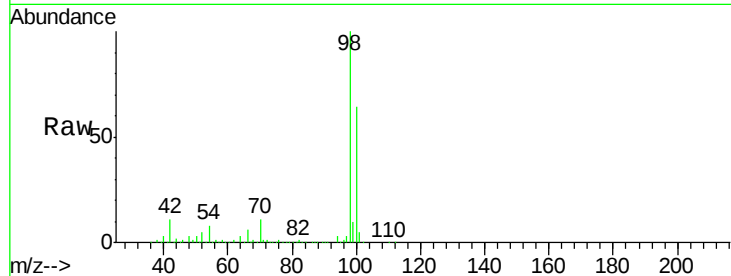




#50
Toluene-d8
Concen: 54.190 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

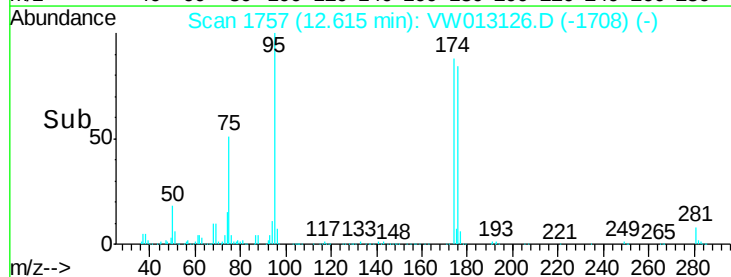
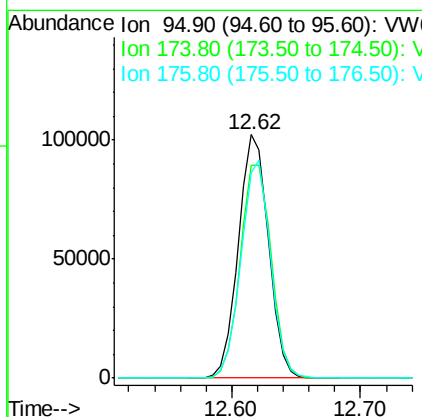
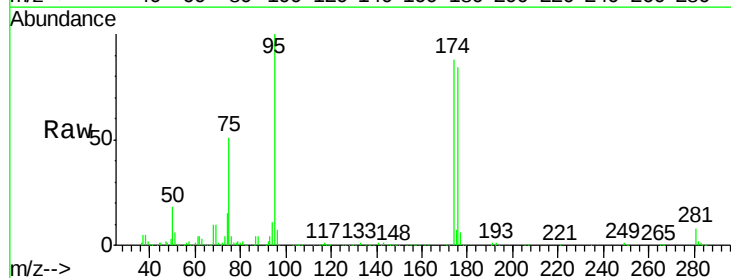
Instrument :
MSVOA_W
ClientSampleId :
TP-5

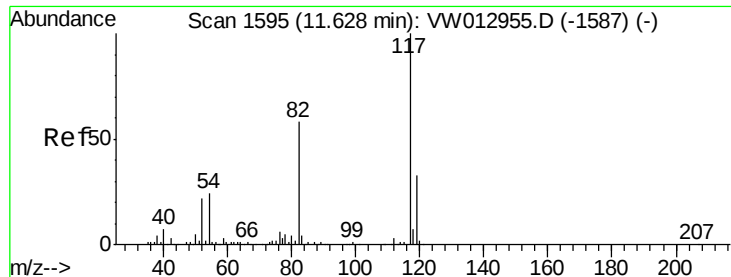
Tot Ion: 98 Resp: 568600
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.755 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion: 95 Resp: 165087
Ion Ratio Lower Upper
95 100
174 90.1 0.0 170.4
176 87.6 0.0 164.6

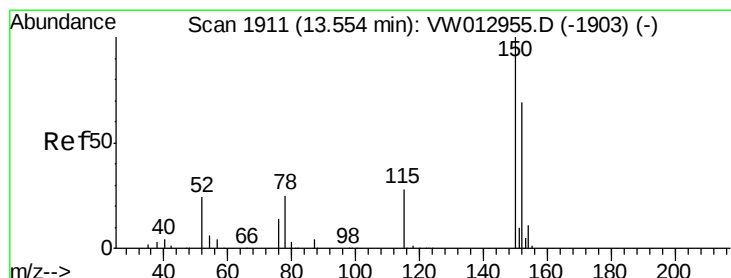
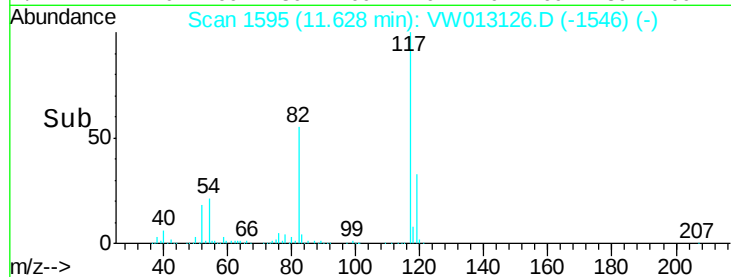
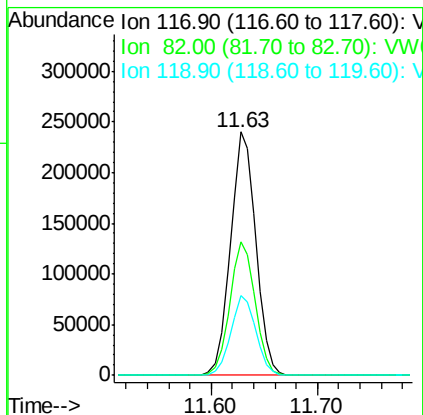
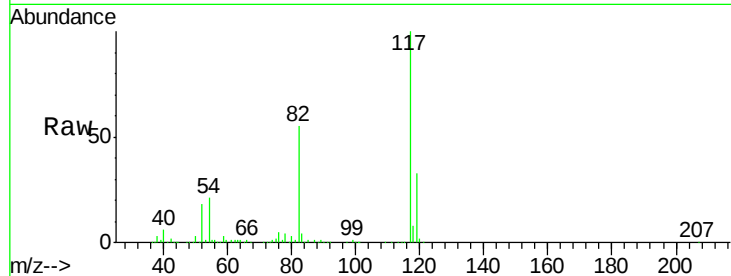




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.3	69.5
119	32.7	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: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.8	86.4
150	153.1	0.0	340.2

