

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012112.D
 Acq On : 22 Aug 2019 15:51
 Operator : SY/VA
 Sample : K4461-05
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03-10.5-11.0

Quant Time: Aug 23 08:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141385	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155416	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.88	113	124703	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	10.32	98	503648	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.62	95	164108	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

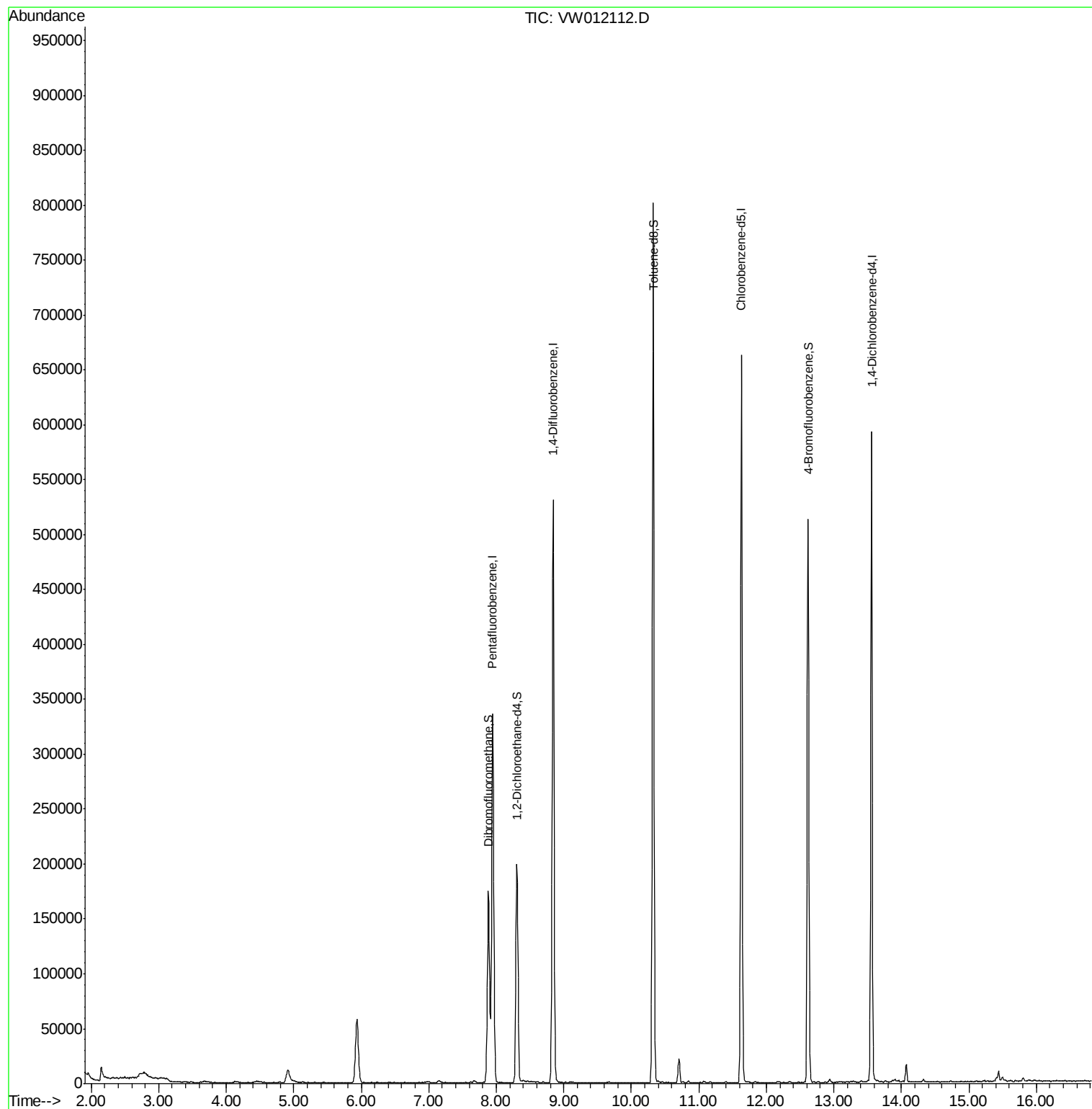
Target Compounds	Qvalue

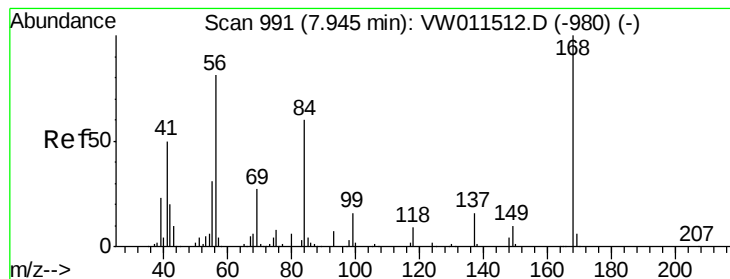
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

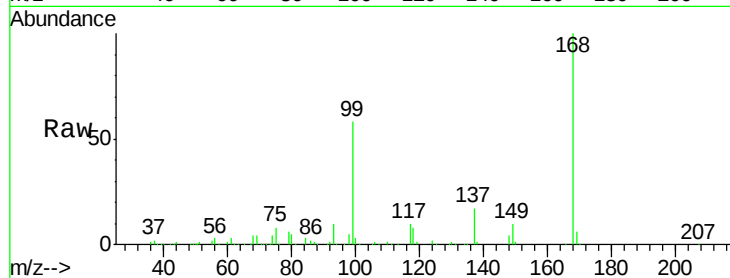
SB-03-10.5-11.0

Tot Ion:168 Resp: 247920

Ion Ratio Lower Upper

168 100

99 57.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

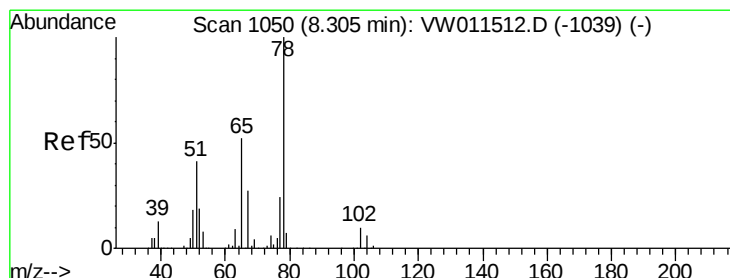
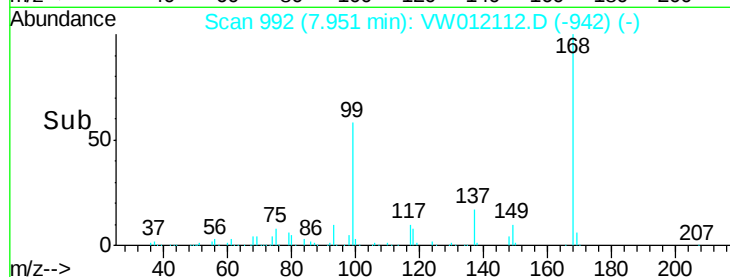
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.593 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012112.D

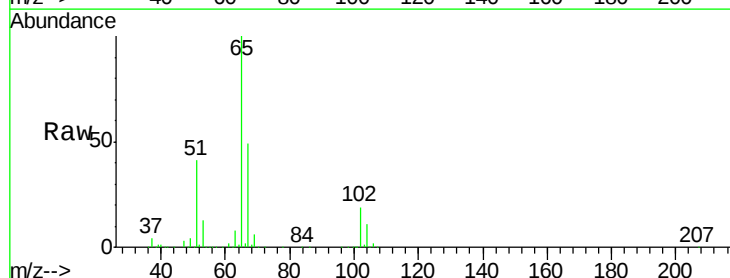
Acq: 22 Aug 2019 15:51

Tgt Ion: 65 Resp: 155416

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

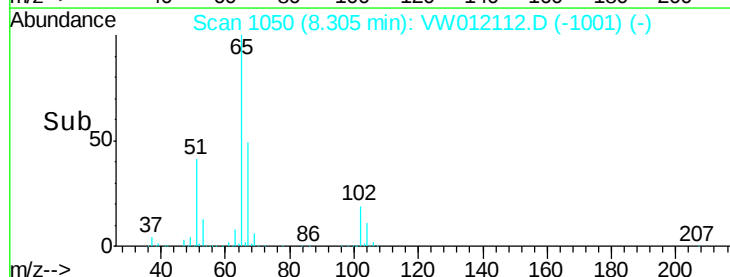
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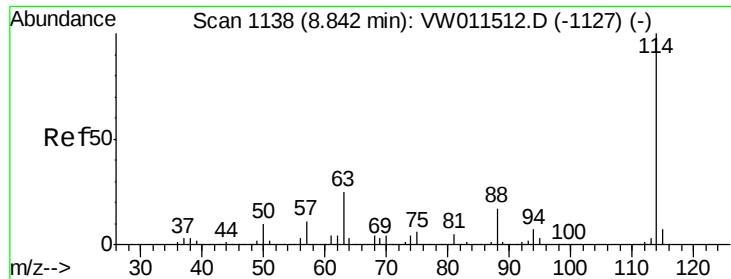
40000

20000

0

Time--> 8.20 8.30 8.40

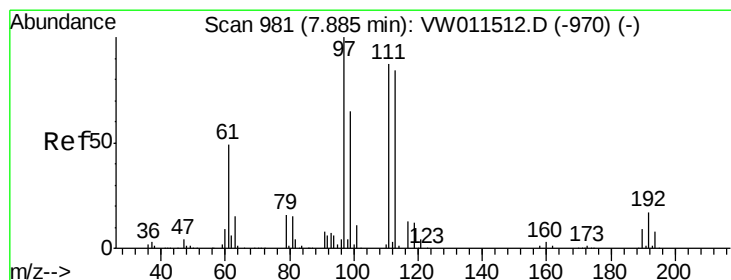
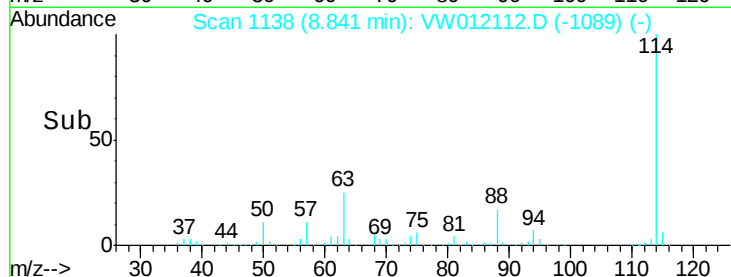
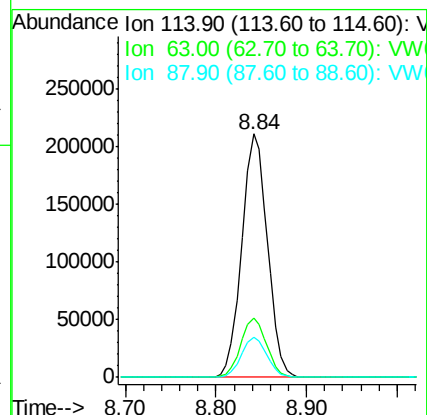
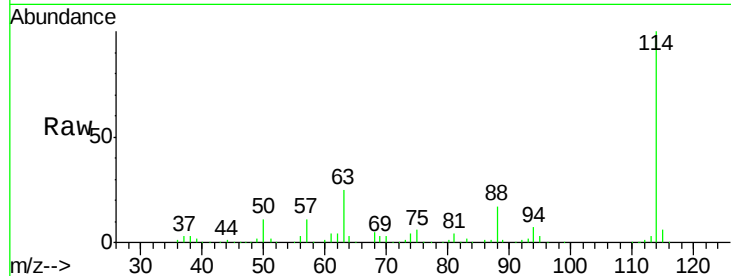




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012112.D
 Acq: 22 Aug 2019 15:51

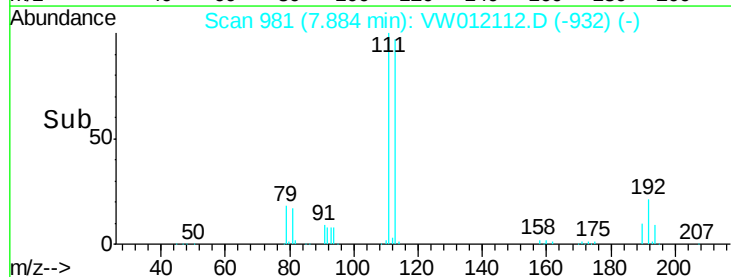
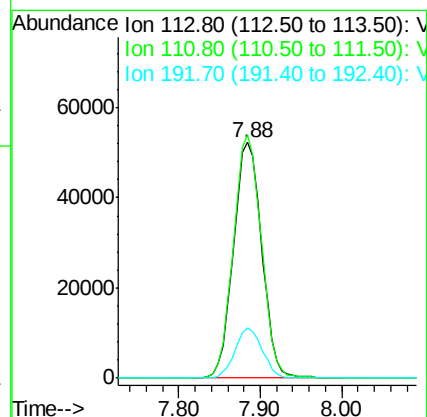
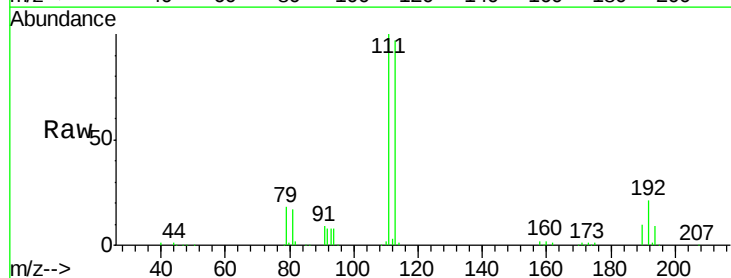
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03-10.5-11.0

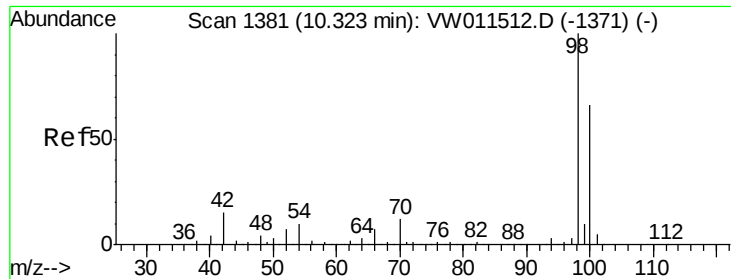
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.7	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.763 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012112.D
 Acq: 22 Aug 2019 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	20.6	16.1	24.1

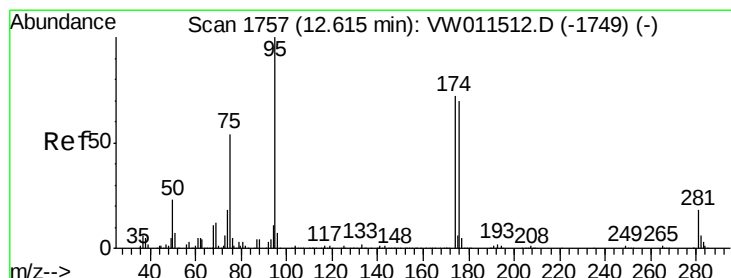
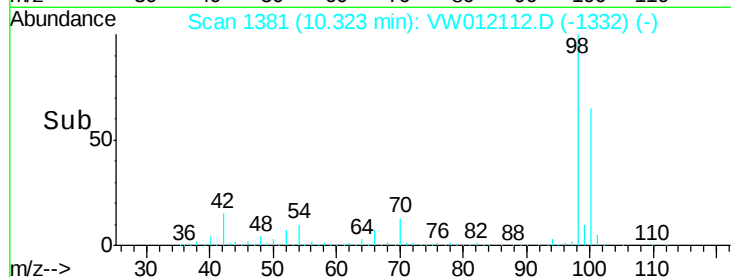
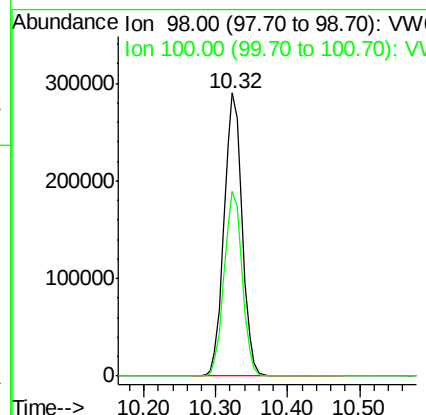
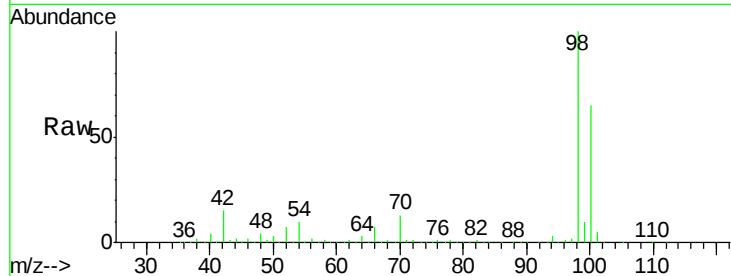




#50
Toluene-d8
Concen: 53.034 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012112.D
Acq: 22 Aug 2019 15:51

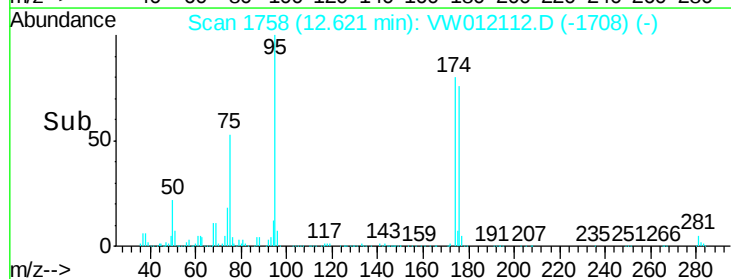
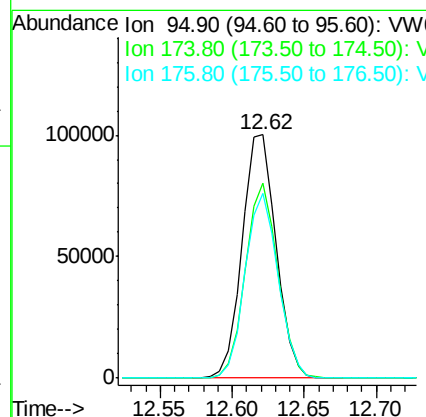
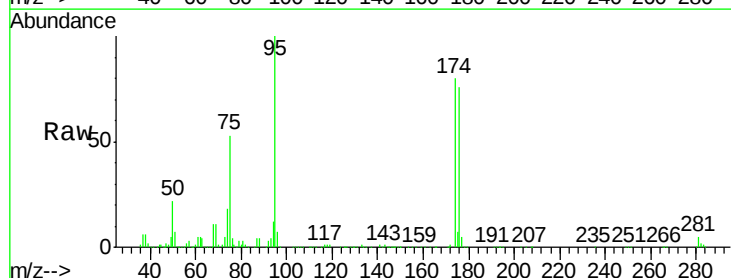
Instrument :
MSVOA_W
ClientSampleId :
SB-03-10.5-11.0

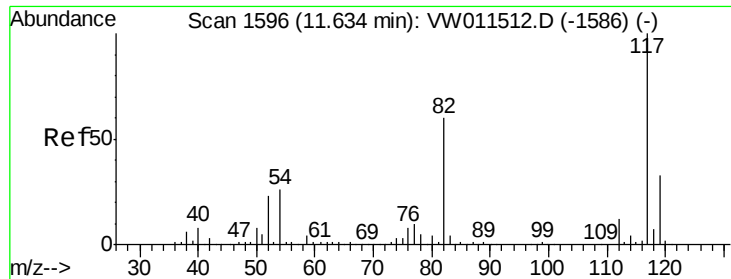
Tot Ion: 98 Resp: 503648
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.470 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012112.D
Acq: 22 Aug 2019 15:51

Tgt Ion: 95 Resp: 164108
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 73.5 0.0 144.4

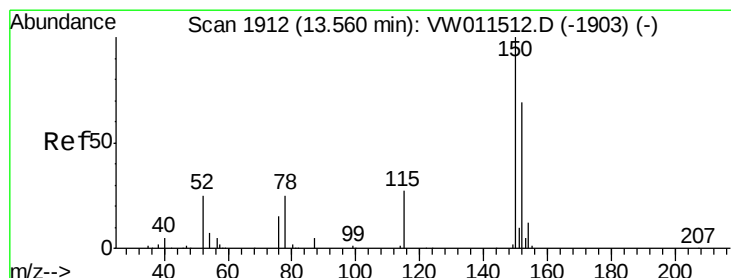
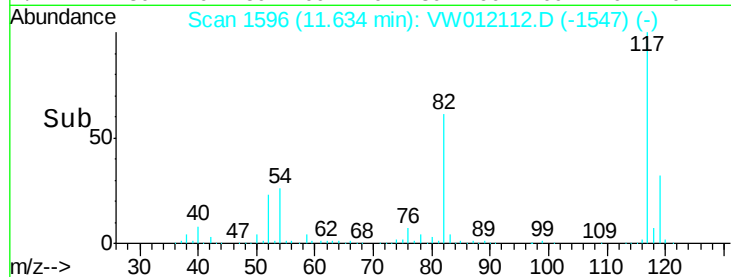
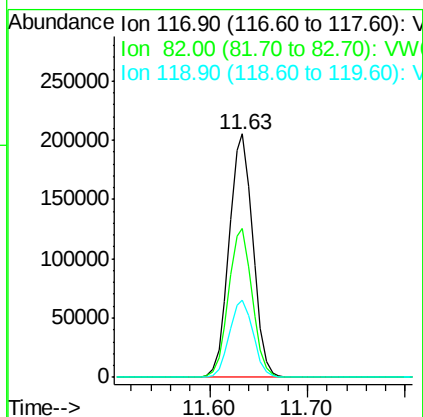
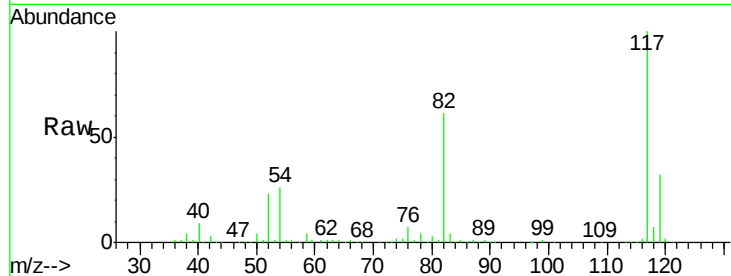




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012112.D
Acq: 22 Aug 2019 15:51

Instrument :
MSVOA_W
ClientSampleId :
SB-03-10.5-11.0

Tot Ion:117 Resp: 345110
Ion Ratio Lower Upper
117 100
82 61.4 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012112.D
Acq: 22 Aug 2019 15:51

Tgt Ion:152 Resp: 141385
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 157.9 0.0 352.6

