

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013341.D
 Acq On : 30 Sep 2019 18:45
 Operator : SY/VA
 Sample : K5093-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-(9.5-10.0)

Quant Time: Oct 01 05:52:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	498994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	424823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140038	51.46	ug/l	0.00
Spiked Amount						
			Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	141180	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
50) Toluene-d8	10.32	98	577475	50.28	ug/l	0.00
Spiked Amount						
			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	181864	46.35	ug/l	0.00
Spiked Amount						
			Recovery	=	92.70%	

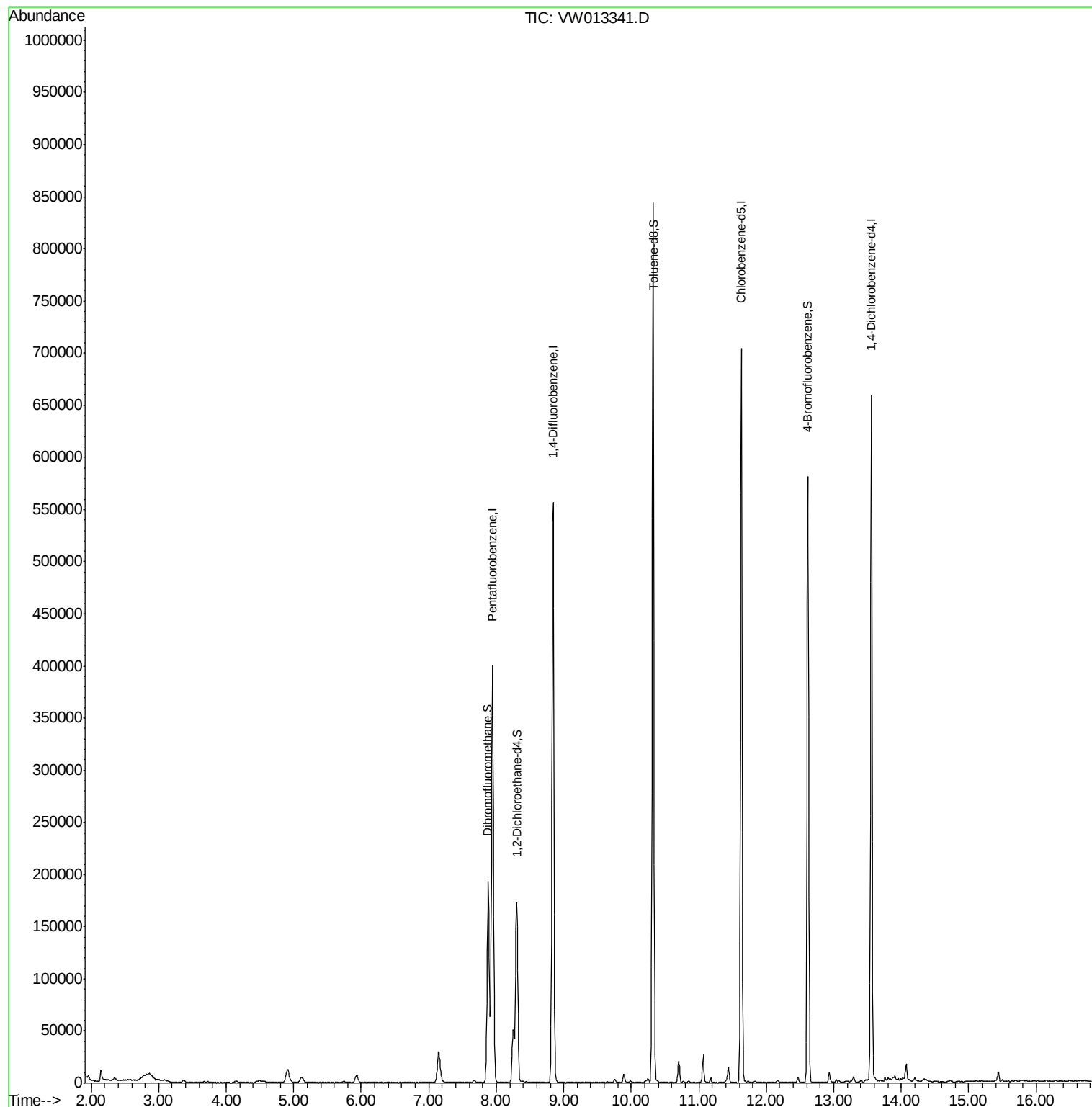
Target Compounds	Qvalue
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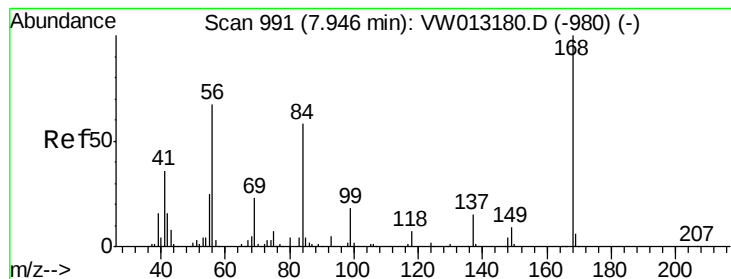
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013341.D

Acq: 30 Sep 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

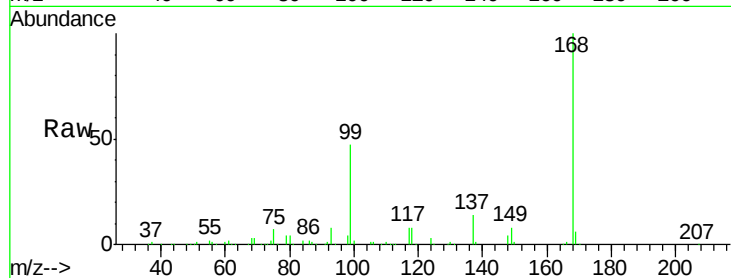
SB-01-(9.5-10.0)

Tot Ion:168 Resp: 333421

Ion Ratio Lower Upper

168 100

99 47.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

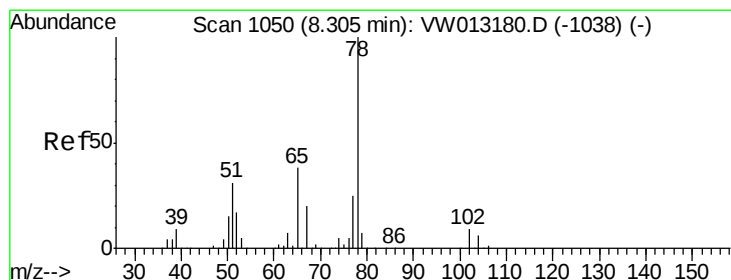
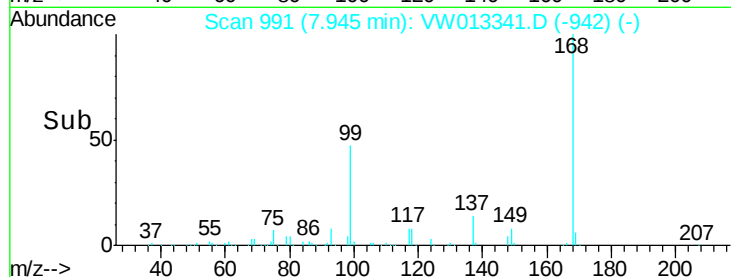
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.462 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013341.D

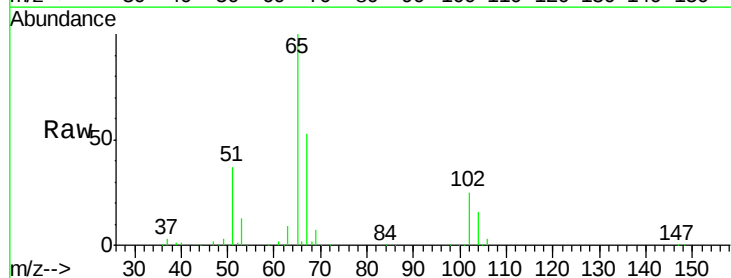
Acq: 30 Sep 2019 18:45

Tgt Ion: 65 Resp: 140038

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

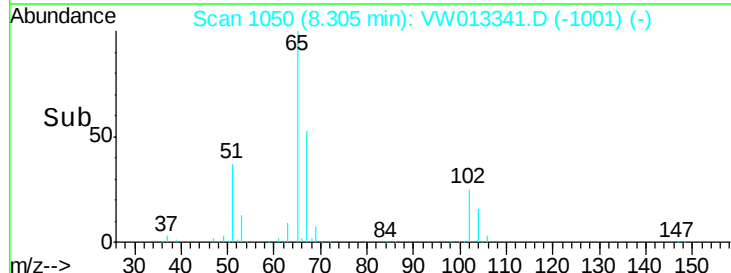
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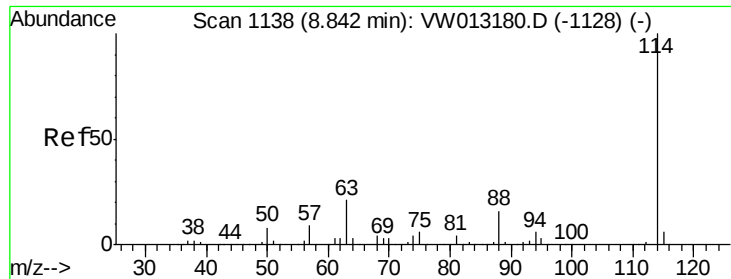
20000

0

8.20 8.30 8.40

Time-->

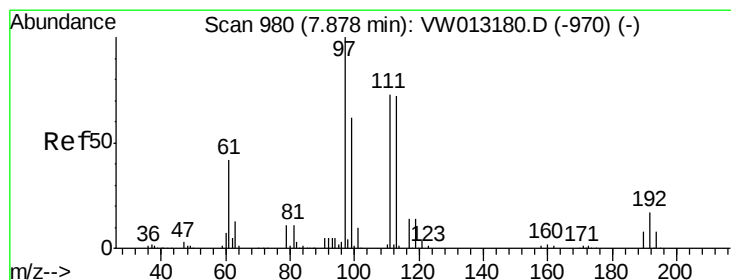
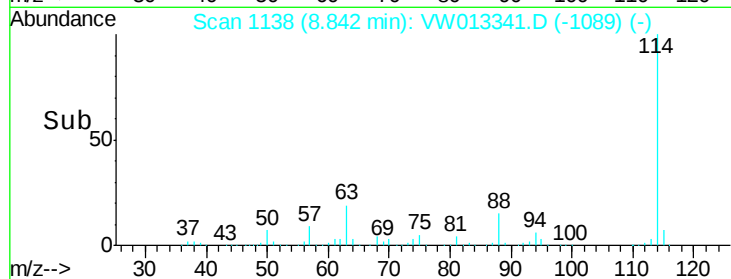
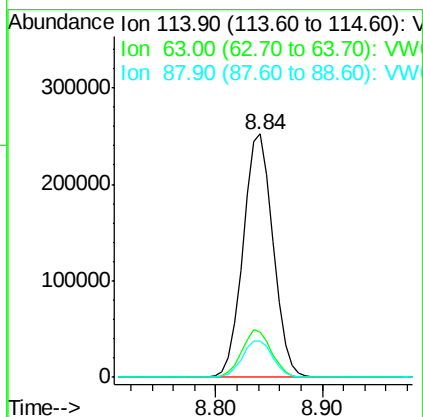
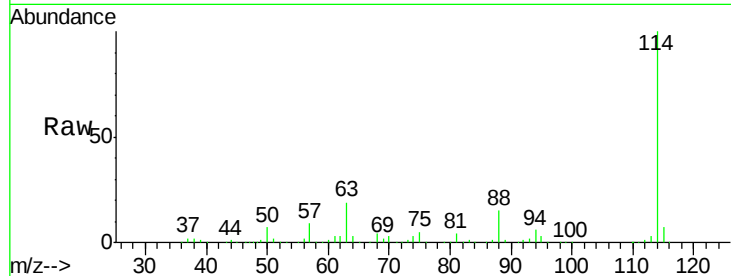




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013341.D
 Acq: 30 Sep 2019 18:45

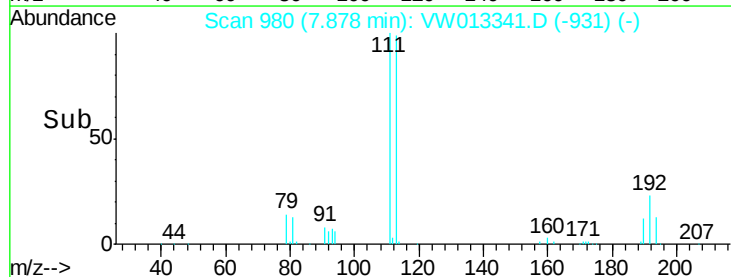
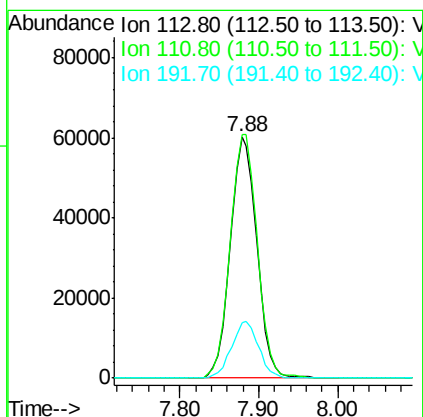
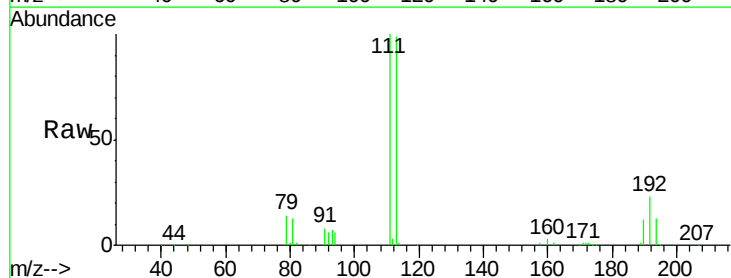
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-(9.5-10.0)

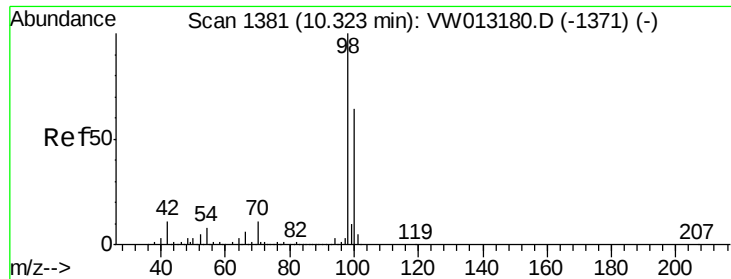
Tot Ion:114 Resp: 498994
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.4
 88 14.9 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.442 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013341.D
 Acq: 30 Sep 2019 18:45

Tgt Ion:113 Resp: 141180
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 23.8 19.1 28.7





#50

Toluene-d8

Concen: 50.277 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013341.D

Acq: 30 Sep 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

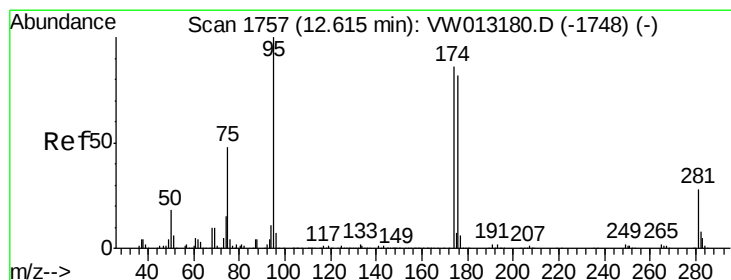
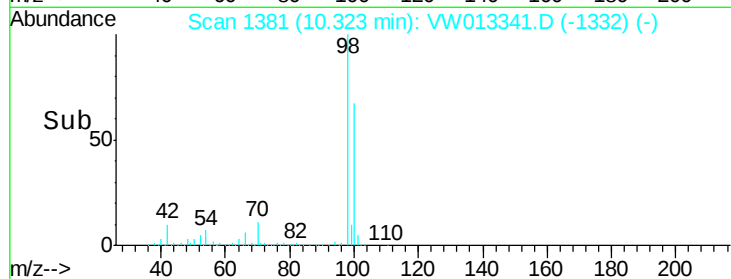
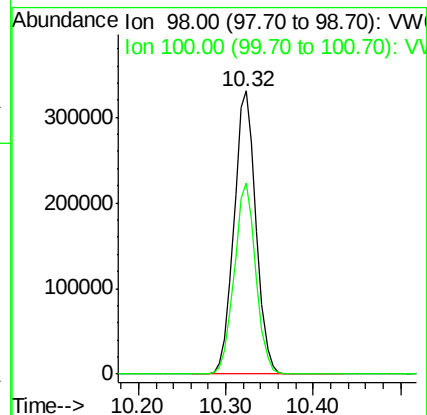
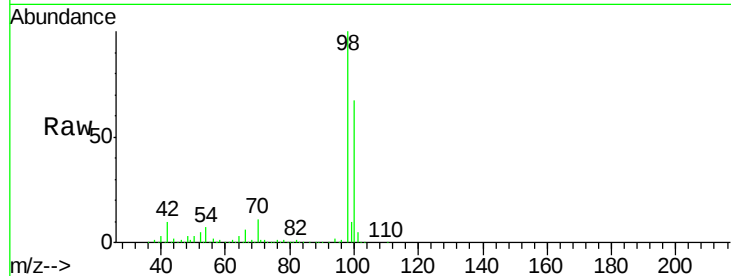
SB-01-(9.5-10.0)

Tot Ion: 98 Resp: 577475

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.353 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013341.D

Acq: 30 Sep 2019 18:45

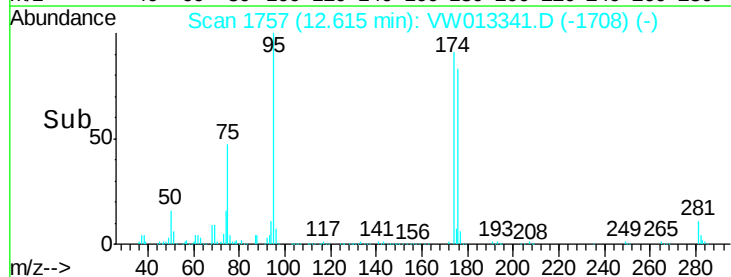
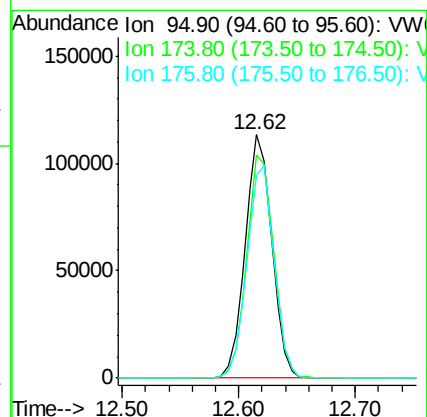
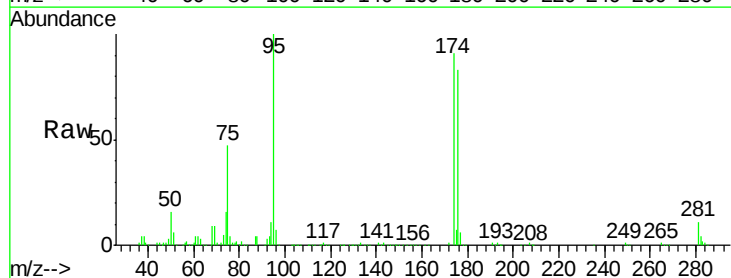
Tgt Ion: 95 Resp: 181864

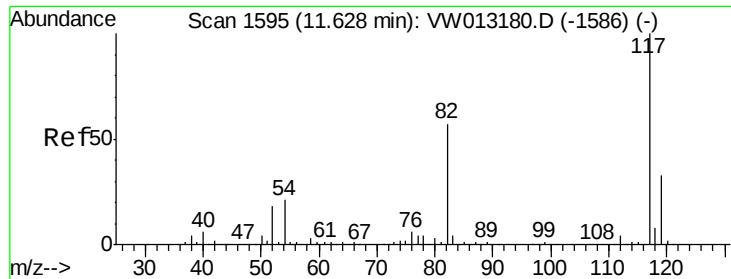
Ion Ratio Lower Upper

95 100

174 93.2 0.0 178.4

176 88.9 0.0 172.2

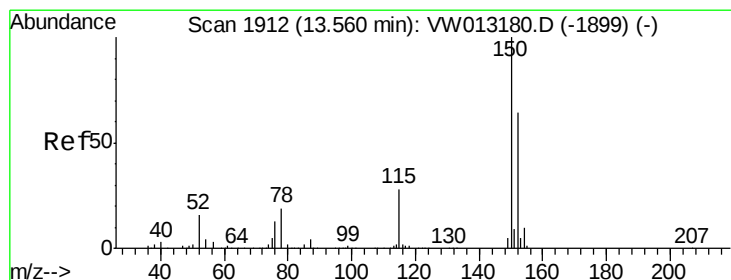
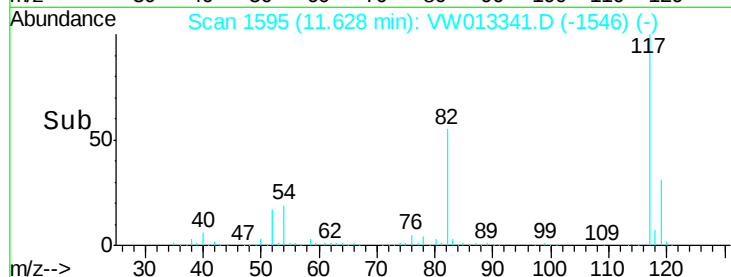
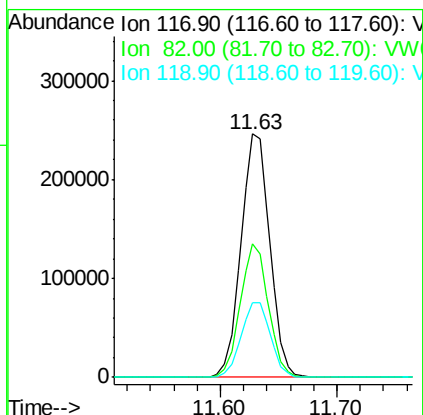
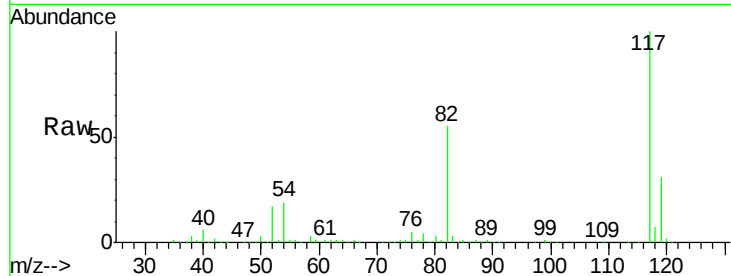




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013341.D
Acq: 30 Sep 2019 18:45

Instrument :
MSVOA_W
ClientSampleId :
SB-01-(9.5-10.0)

Tot Ion:117 Resp: 424823
Ion Ratio Lower Upper
117 100
82 54.9 45.9 68.9
119 30.9 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: VW013341.D
Acq: 30 Sep 2019 18:45

Tgt Ion:152 Resp: 189160
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 158.8 0.0 349.0

