

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012748.D
 Acq On : 08 Sep 2019 05:24
 Operator : SY/VA
 Sample : K4554-55
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(0-2)

Quant Time: Sep 08 06:15:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143945	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	7.88	113	109819	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.32	98	436375	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	
62) 4-Bromofluorobenzene	12.62	95	132767	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

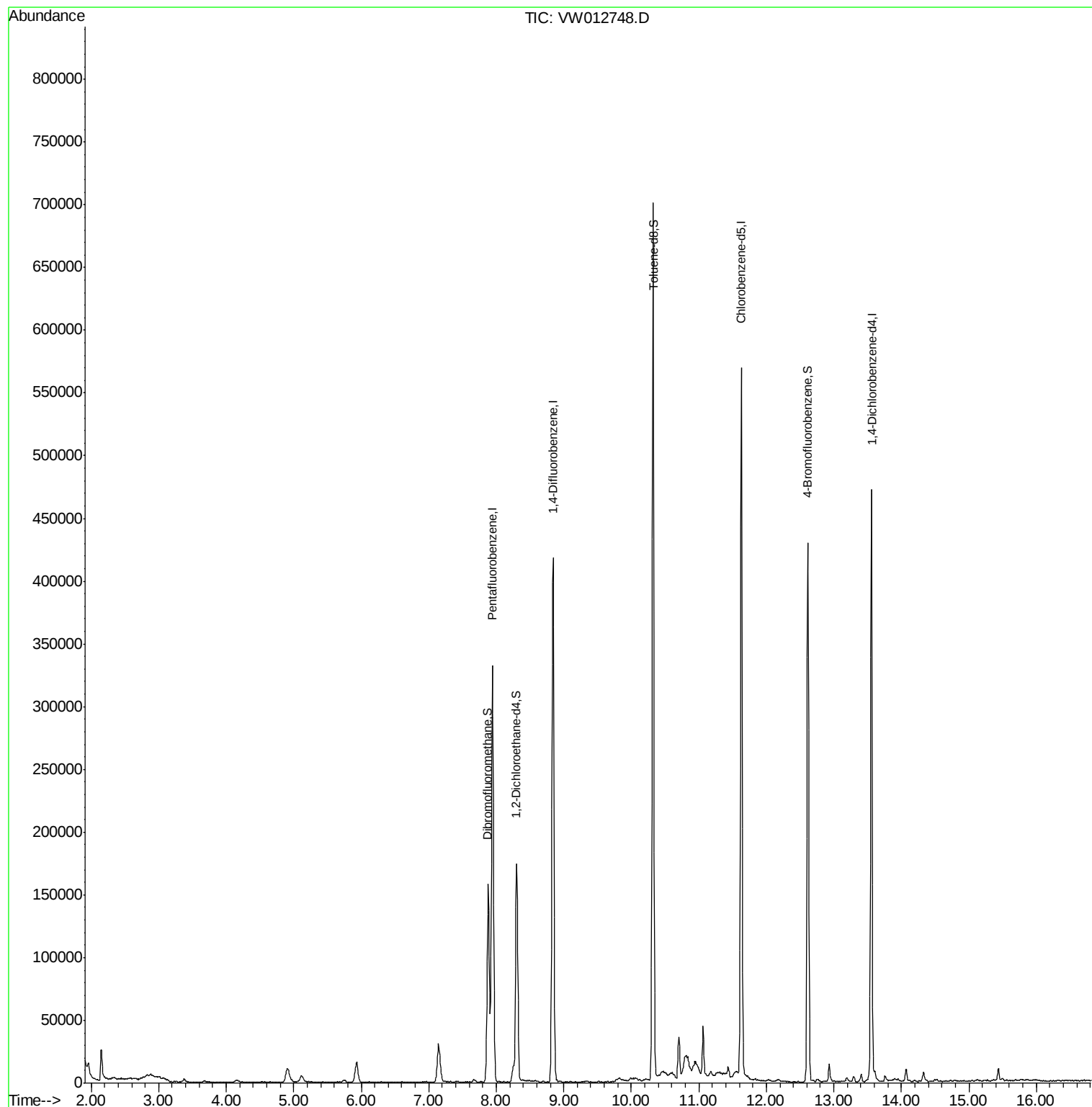
Target Compounds	Qvalue

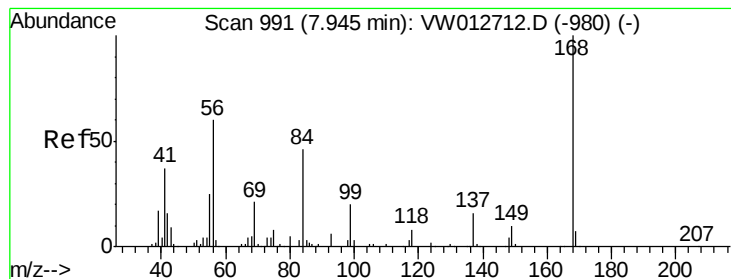
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

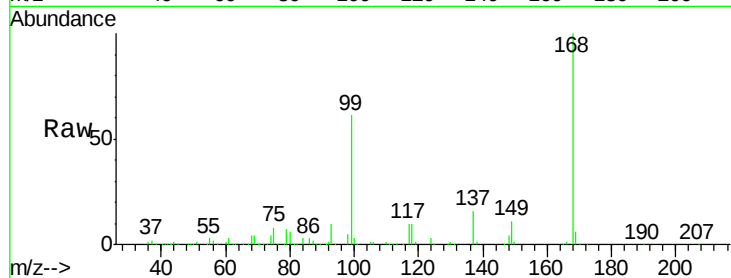
SB-5-(0-2)

Tot Ion:168 Resp: 243446

Ion Ratio Lower Upper

168 100

99 60.6 47.8 71.6



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

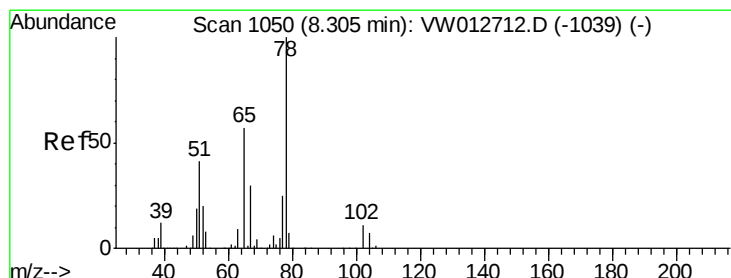
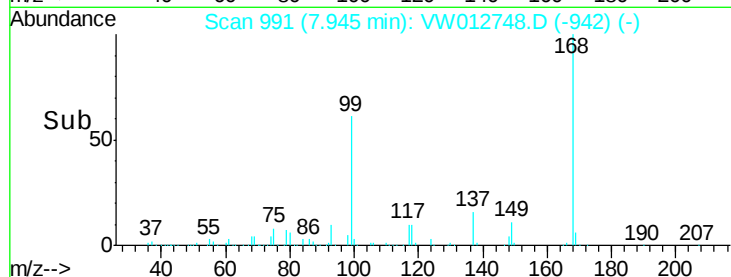
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.919 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012748.D

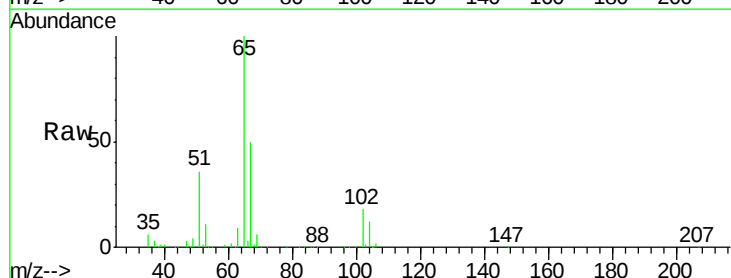
Acq: 08 Sep 2019 05:24

Tgt Ion: 65 Resp: 143945

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

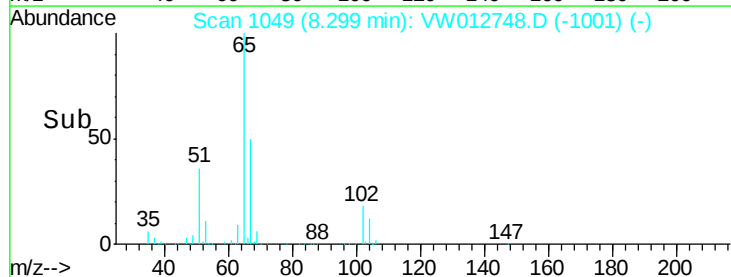
40000

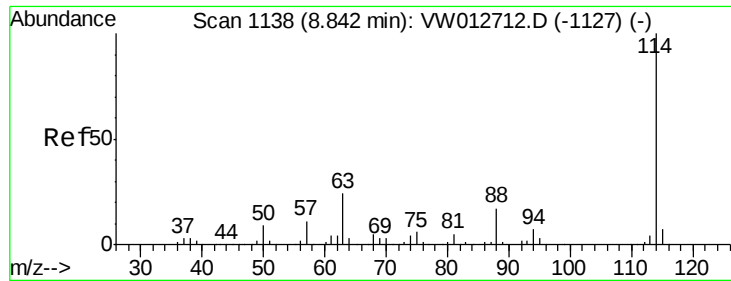
20000

0

8.20 8.30 8.40

Time-->

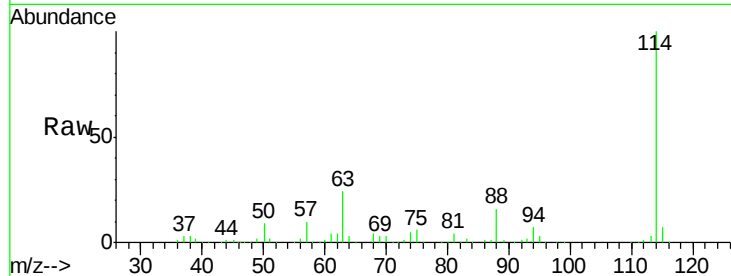




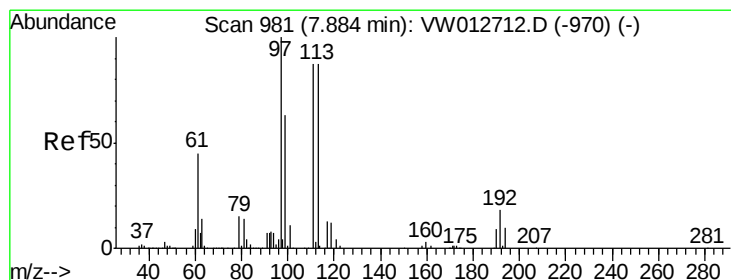
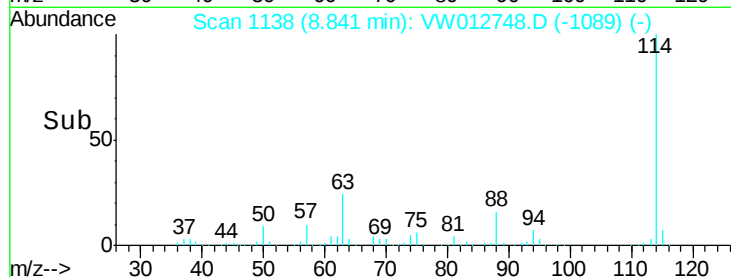
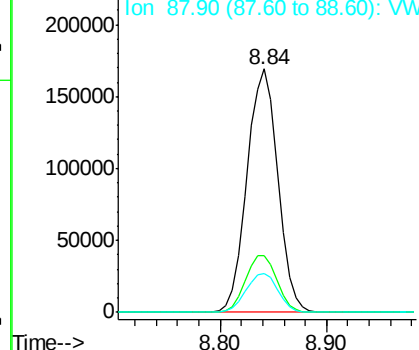
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012748.D
 Acq: 08 Sep 2019 05:24

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5-(0-2)

Tot Ion:114 Resp: 345600
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 47.2
 88 15.7 0.0 34.0

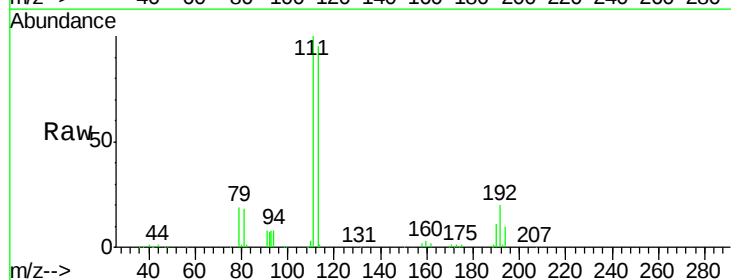


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

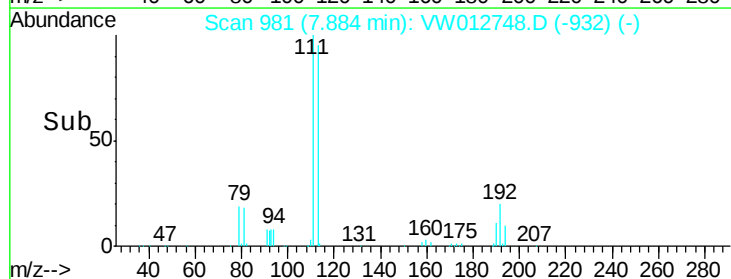
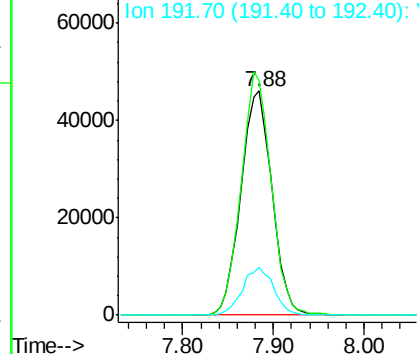


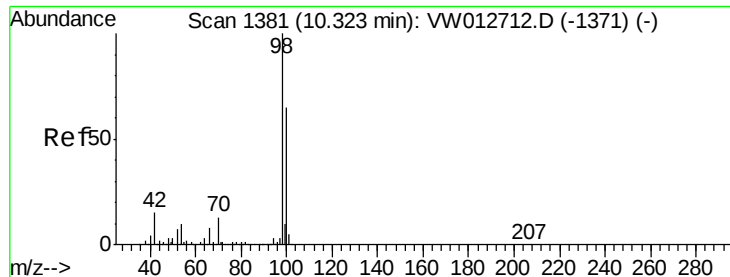
#35
 Dibromofluoromethane
 Concen: 53.448 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012748.D
 Acq: 08 Sep 2019 05:24

Tgt Ion:113 Resp: 109819
 Ion Ratio Lower Upper
 113 100
 111 104.8 80.2 120.4
 192 21.2 17.3 25.9



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: 54.210 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012748.D

Acq: 08 Sep 2019 05:24

Instrument :

MSVOA_W

ClientSampleId :

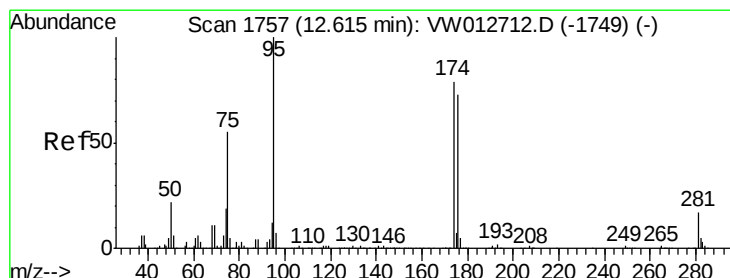
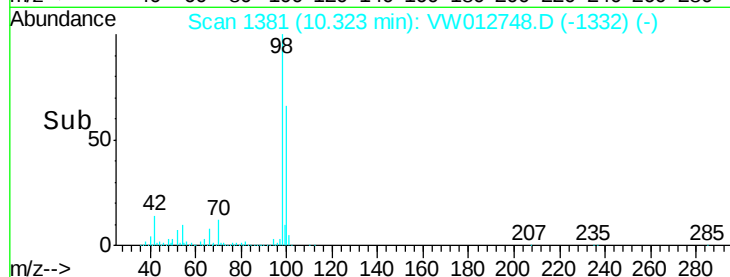
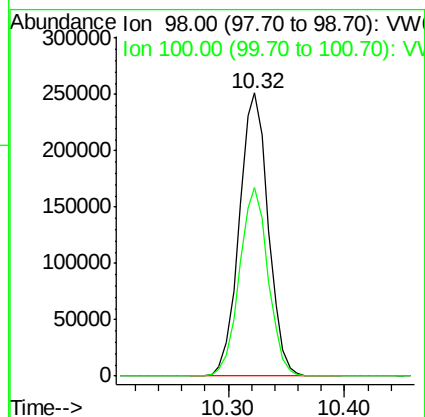
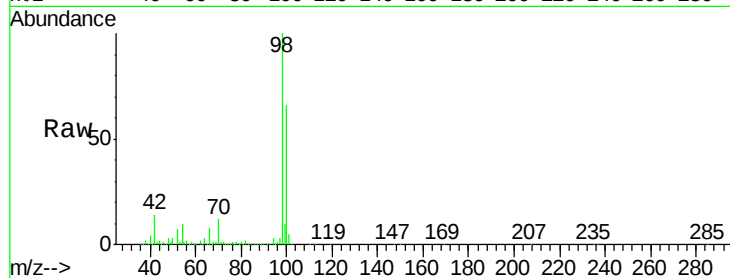
SB-5-(0-2)

Tot Ion: 98 Resp: 436375

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.432 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012748.D

Acq: 08 Sep 2019 05:24

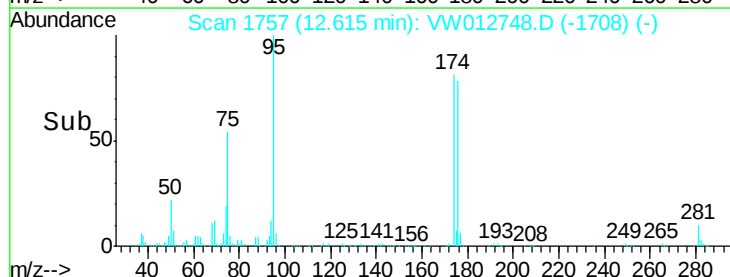
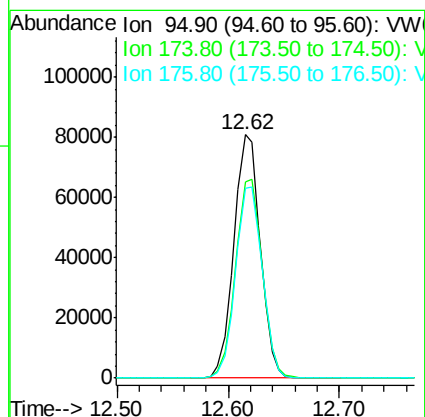
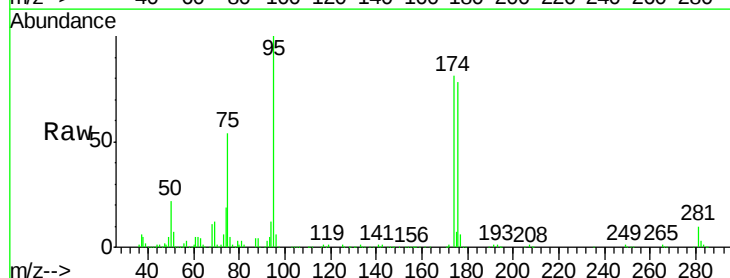
Tgt Ion: 95 Resp: 132767

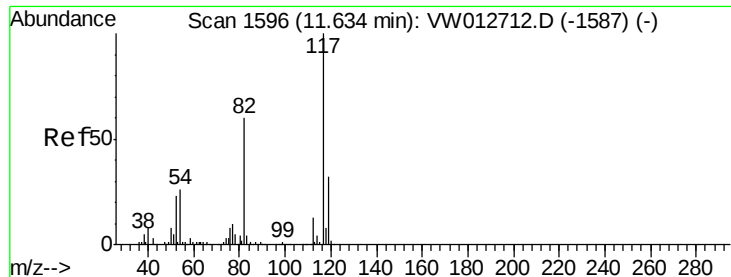
Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.0

176 79.8 0.0 156.4

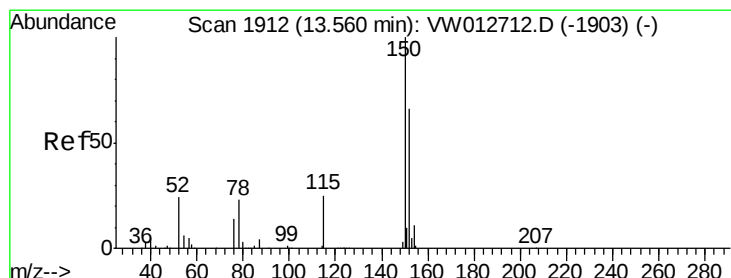
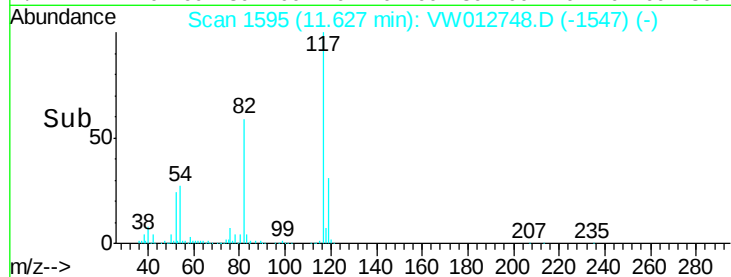
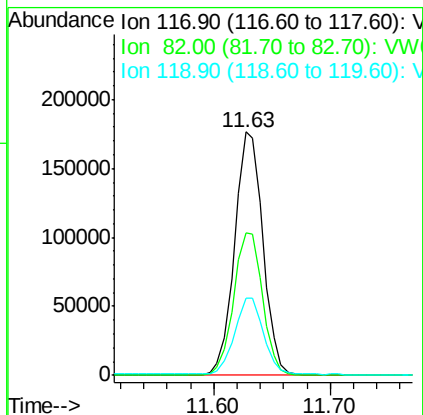
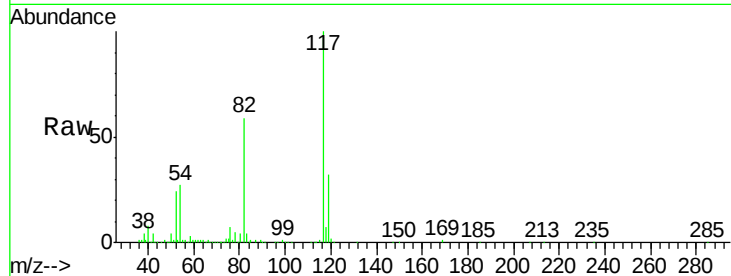




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Instrument :
MSVOA_W
ClientSampleId :
SB-5-(0-2)

Tot Ion:117 Resp: 299097
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012748.D
Acq: 08 Sep 2019 05:24

Tgt Ion:152 Resp: 120427
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 157.9 0.0 349.0

