

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012754.D
 Acq On : 08 Sep 2019 07:58
 Operator : SY/VA
 Sample : K4636-09
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-23-14.5-15.0

Quant Time: Sep 09 04:36:22 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	189805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	293468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112501	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.88	113	85367	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	10.32	98	395767	57.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.80%	
62) 4-Bromofluorobenzene	12.62	95	119878	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	

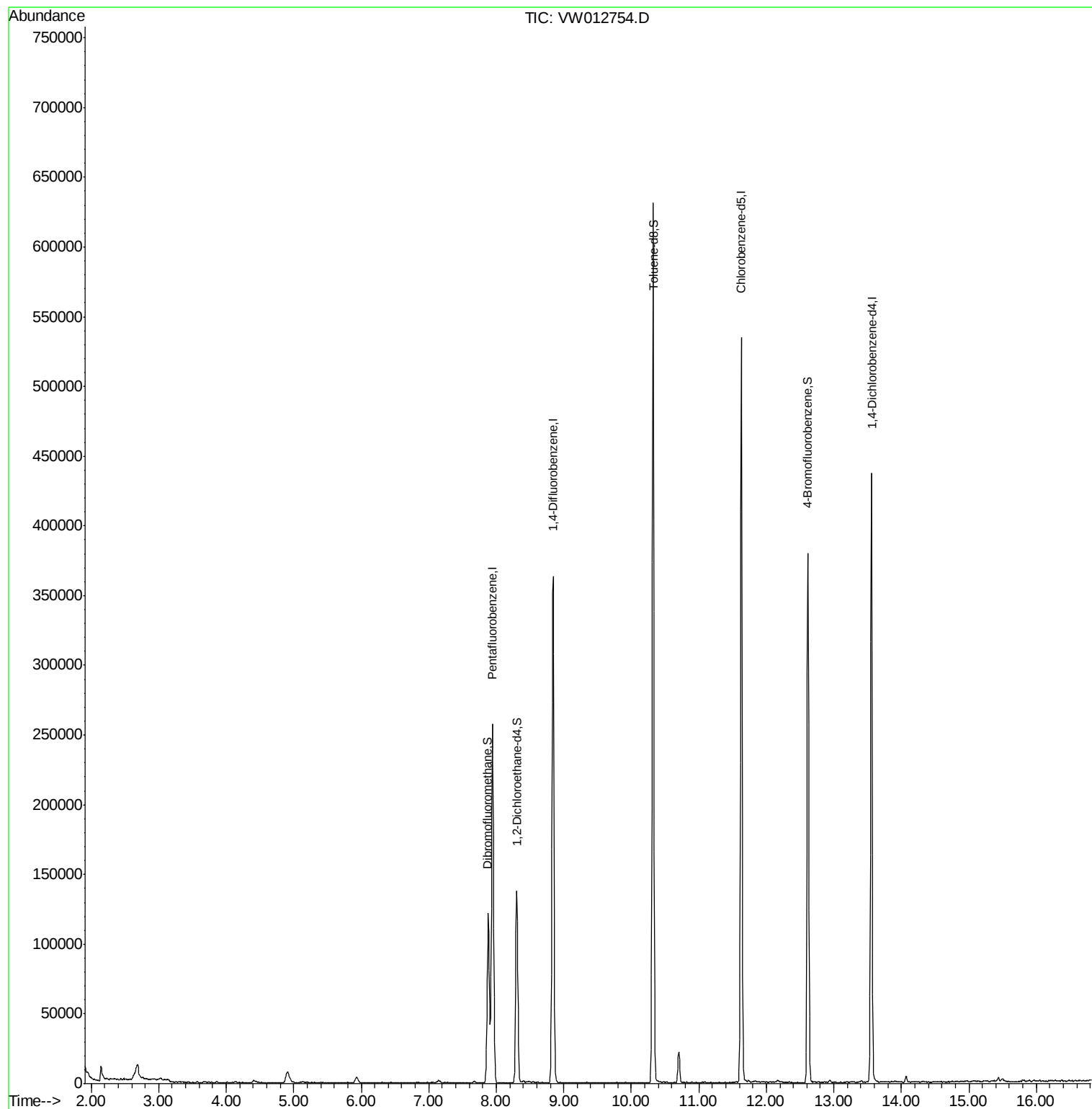
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012754.D

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Instrument :

MSVOA_W

ClientSampleId :

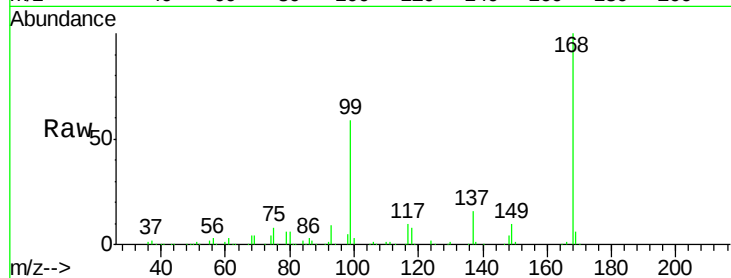
SB-23-14.5-15.0

Tot Ion:168 Resp: 189805

Ion Ratio Lower Upper

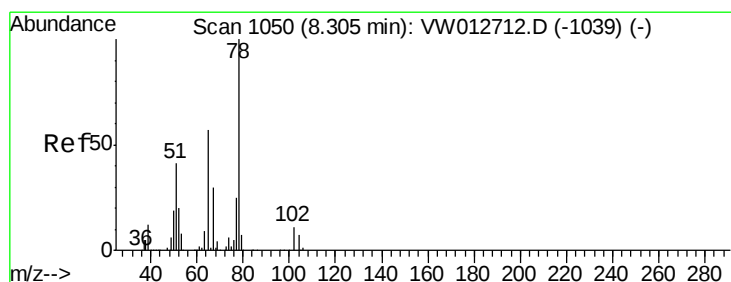
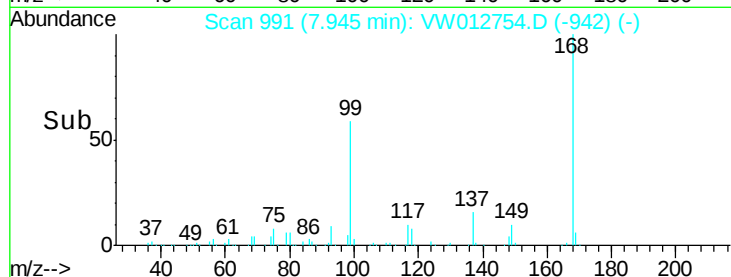
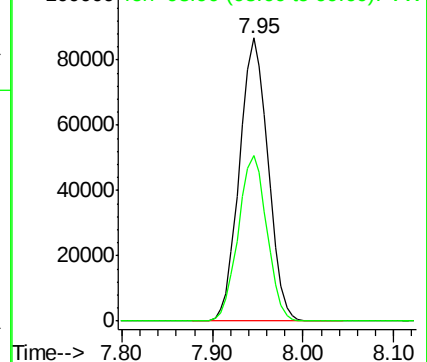
168 100

99 58.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 53.048 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012754.D

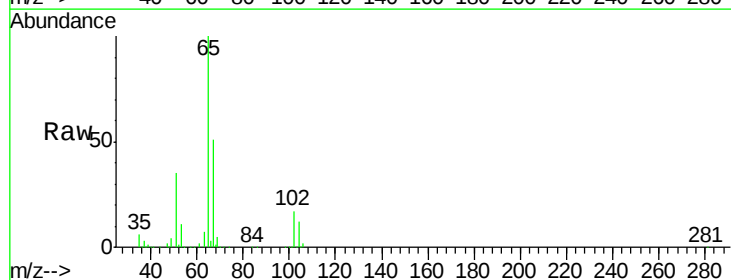
Acq: 08 Sep 2019 07:58

Tgt Ion: 65 Resp: 112501

Ion Ratio Lower Upper

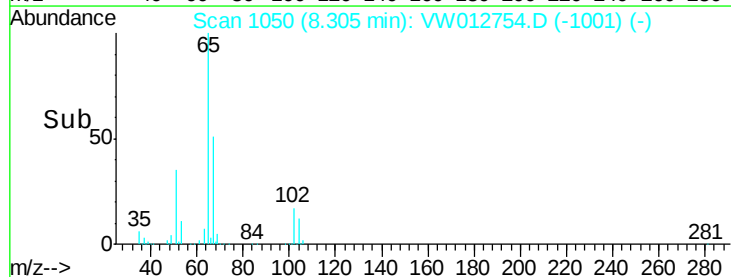
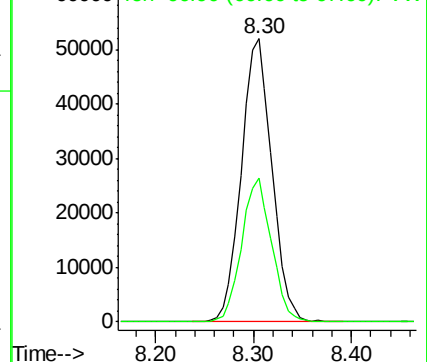
65 100

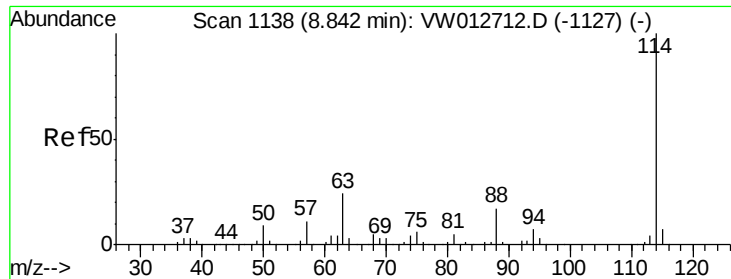
67 49.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012754.D

Acq: 08 Sep 2019 07:58

Instrument :

MSVOA_W

ClientSampleId :

SB-23-14.5-15.0

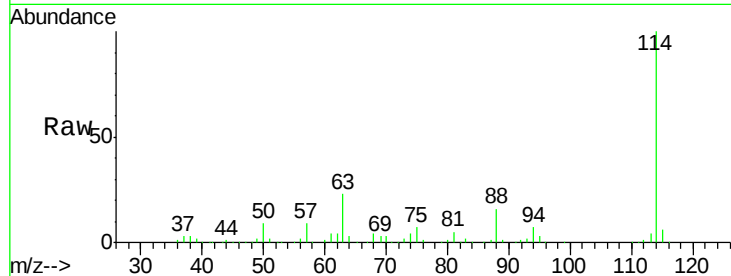
Tot Ion:114 Resp: 293468

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

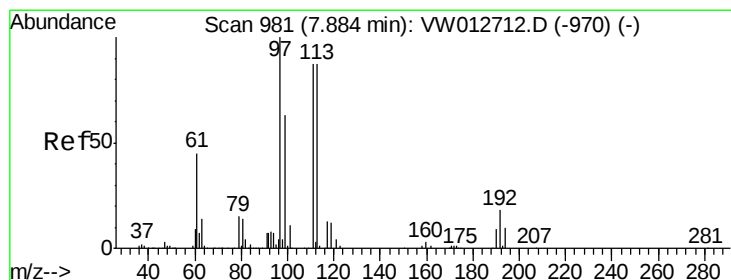
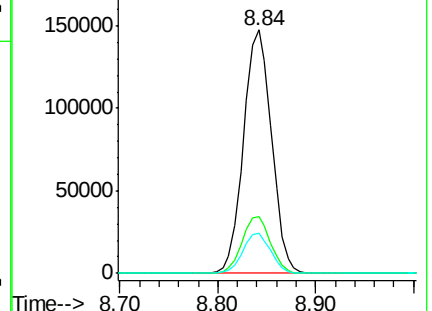
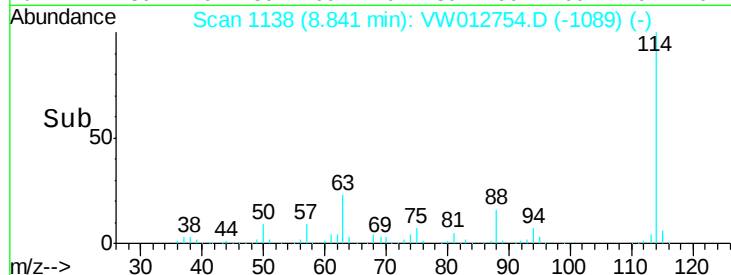
88 16.5 0.0 34.0



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: 48.928 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012754.D

Acq: 08 Sep 2019 07:58

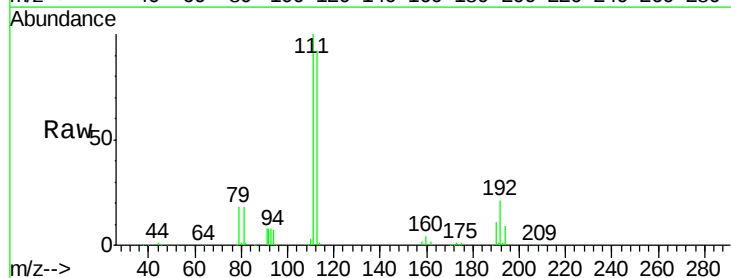
Tgt Ion:113 Resp: 85367

Ion Ratio Lower Upper

113 100

111 104.1 80.2 120.4

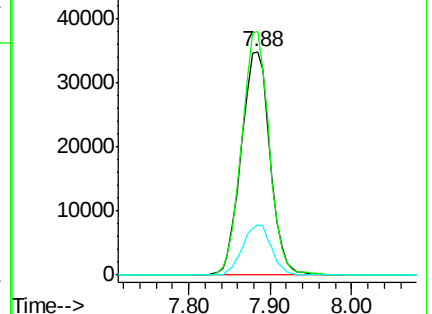
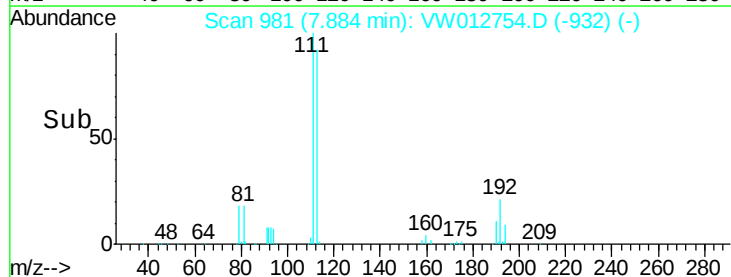
192 22.5 17.3 25.9

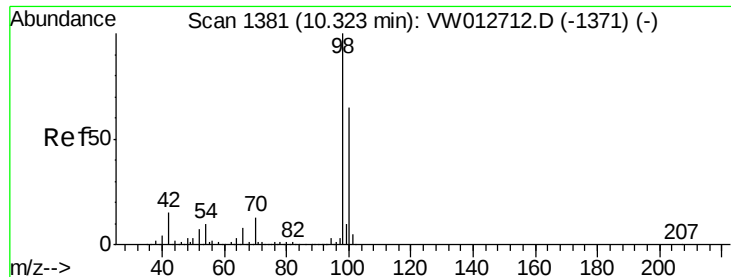


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.899 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012754.D

Acq: 08 Sep 2019 07:58

Instrument :

MSVOA_W

ClientSampleId :

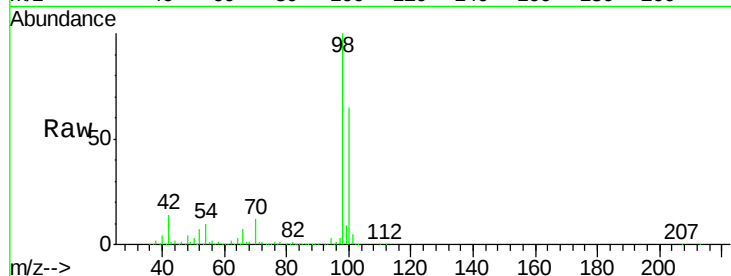
SB-23-14.5-15.0

Tot Ion: 98 Resp: 395767

Ion Ratio Lower Upper

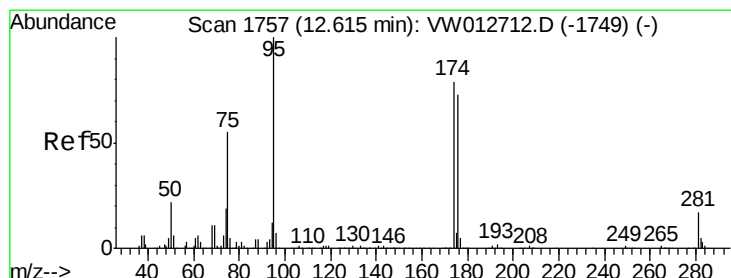
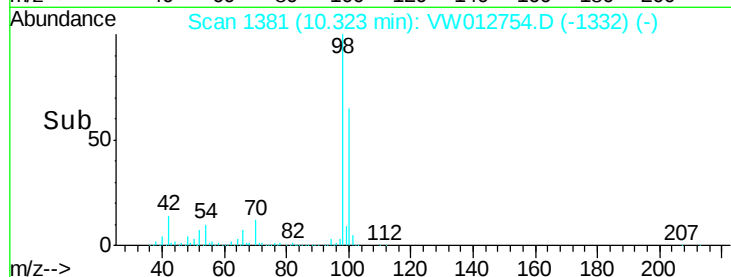
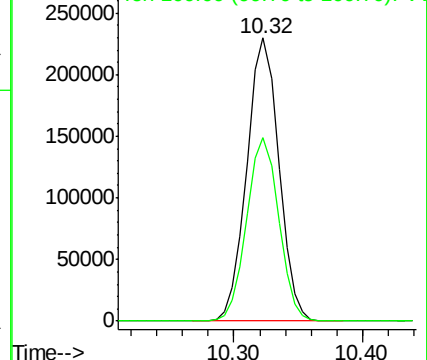
98 100

100 64.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 48.309 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012754.D

Acq: 08 Sep 2019 07:58

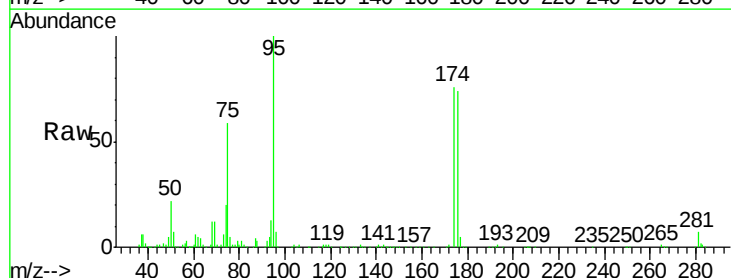
Tgt Ion: 95 Resp: 119878

Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.0

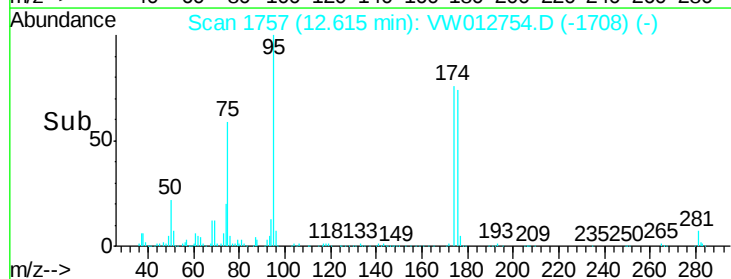
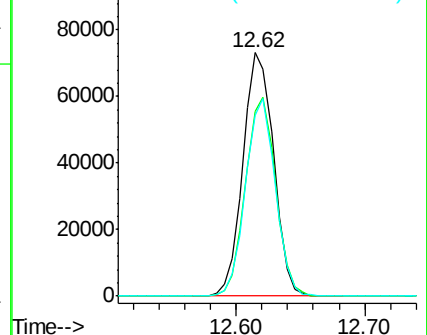
176 78.6 0.0 156.4

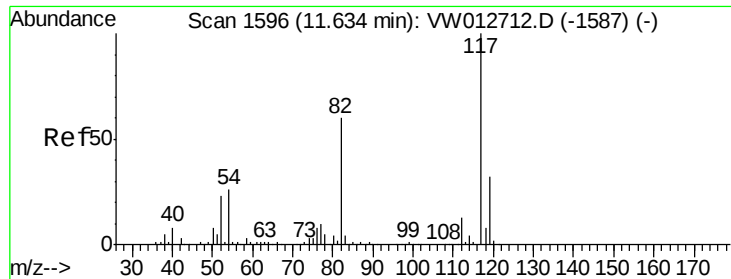


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

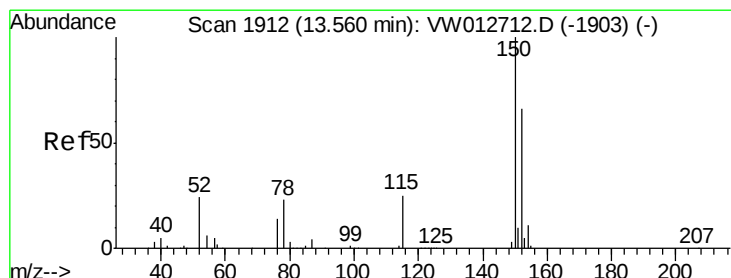
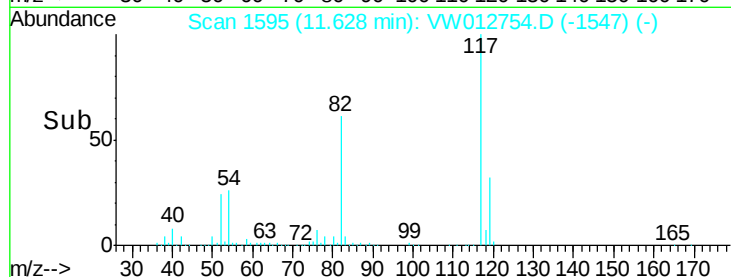
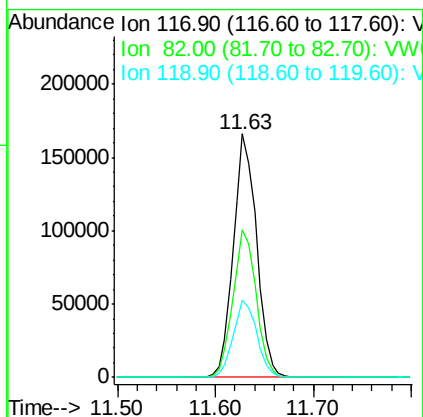
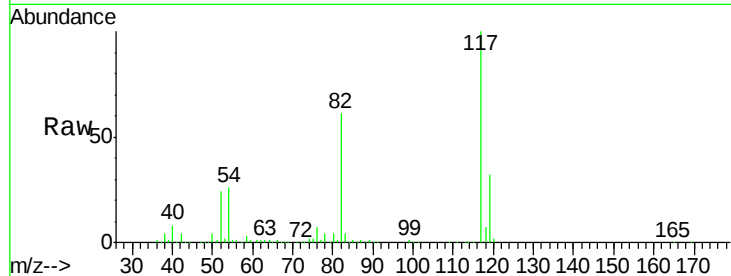




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012754.D
Acq: 08 Sep 2019 07:58

Instrument :
MSVOA_W
ClientSampleId :
SB-23-14.5-15.0

Tot Ion:117 Resp: 273755
Ion Ratio Lower Upper
117 100
82 60.6 48.2 72.4
119 31.9 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: VW012754.D
Acq: 08 Sep 2019 07:58

Tgt Ion:152 Resp: 113857
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.1
150 155.5 0.0 349.0

