

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010754.D
 Acq On : 10 Jun 2019 19:21
 Operator : SY/VA
 Sample : K3273-14
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8 9.5-10.0 060719

Quant Time: Jun 11 07:27:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143351	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	148488	62.14	ug/l	0.00
Spiked Amount			Recovery	=	124.28%	
35) Dibromofluoromethane	7.88	113	106961	55.02	ug/l	0.00
Spiked Amount			Recovery	=	110.04%	
50) Toluene-d8	10.32	98	466498	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
62) 4-Bromofluorobenzene	12.62	95	167585	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	

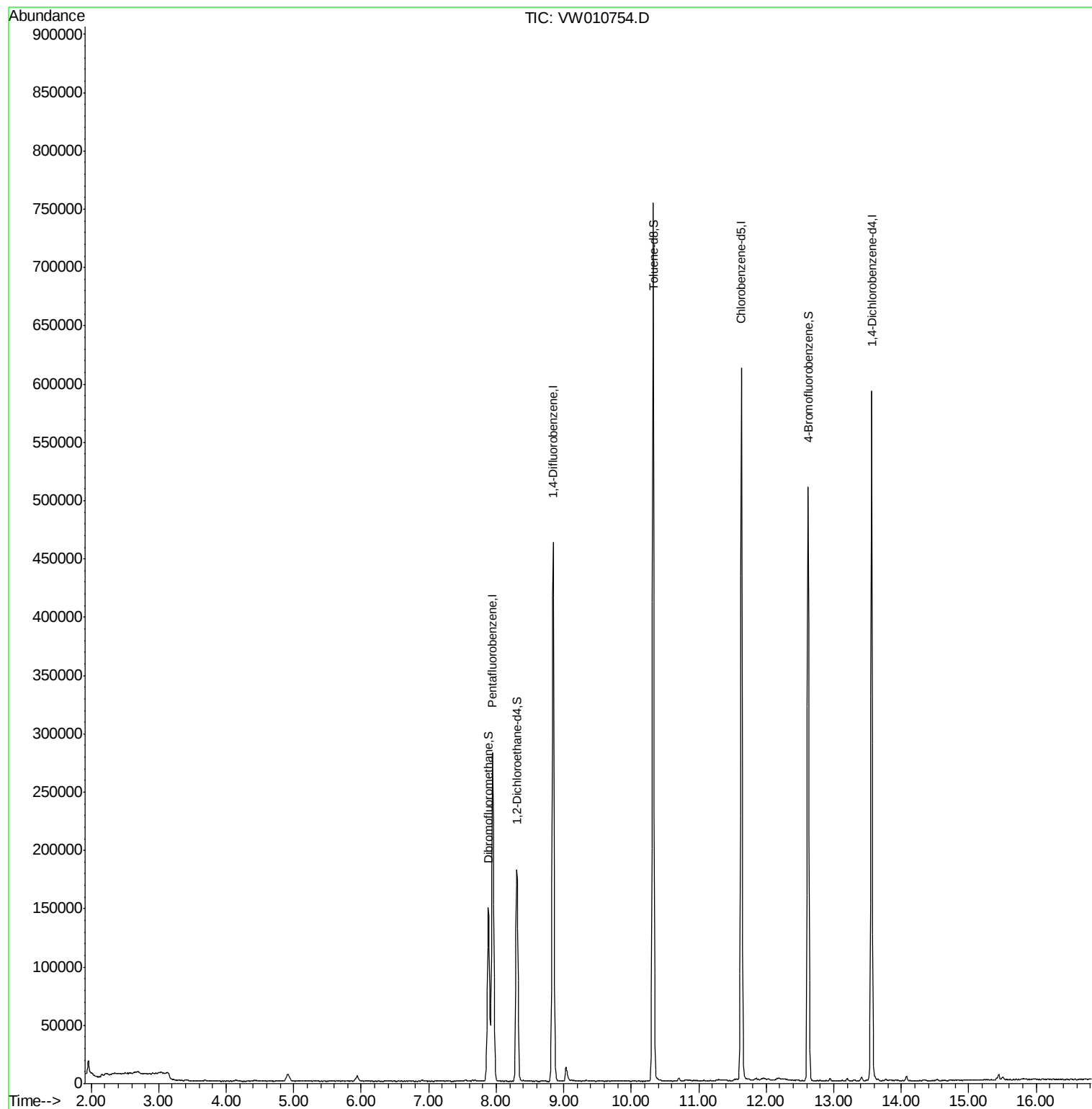
Target Compounds	Qvalue
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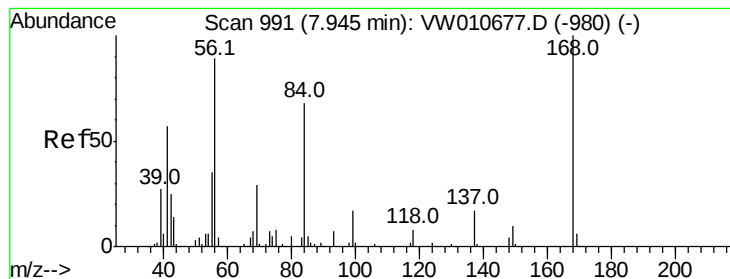
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-8_9.5-10.0_060719

Quant Time: Jun 11 07:27:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010754.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

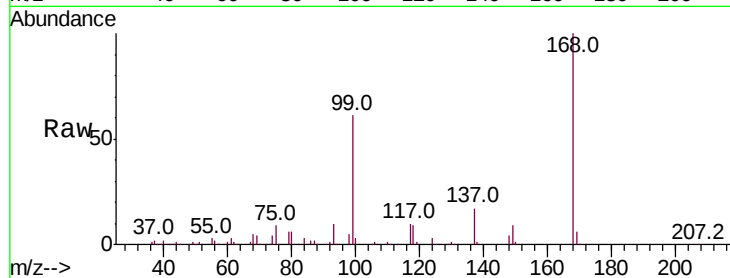
SB-8 9.5-10.0 060719

Tot Ion:168 Resp: 202740

Ion Ratio Lower Upper

168 100

99 61.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

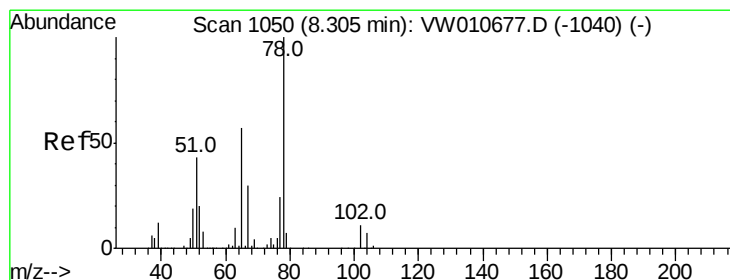
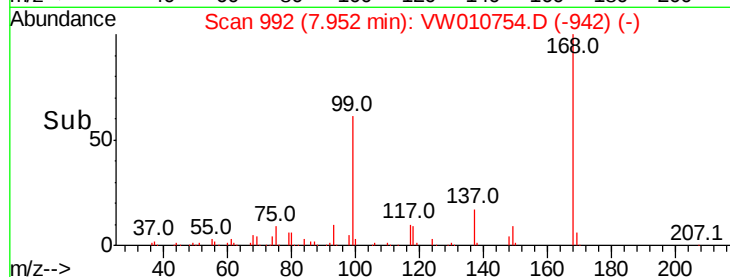
40000

20000

0

7.80 7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.138 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010754.D

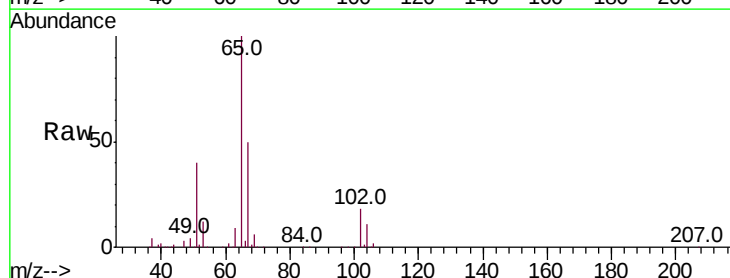
Acq: 10 Jun 2019 19:21

Tgt Ion: 65 Resp: 148488

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

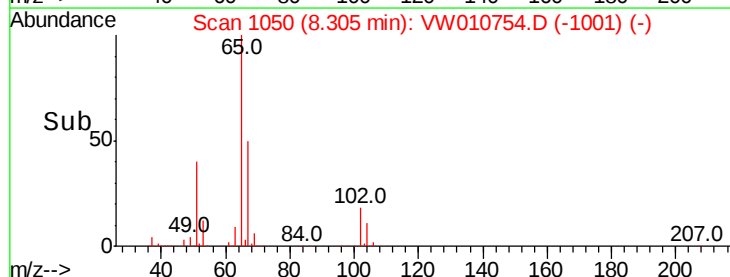
40000

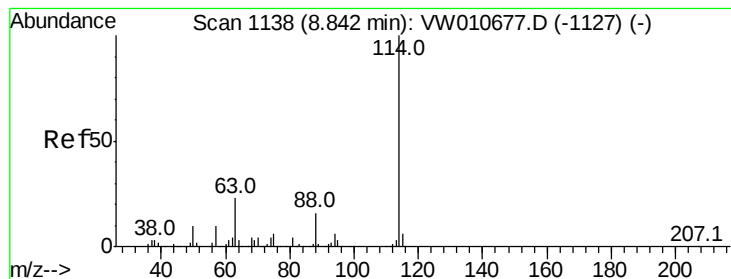
20000

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: VW010754.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

SB-8 9.5-10.0 060719

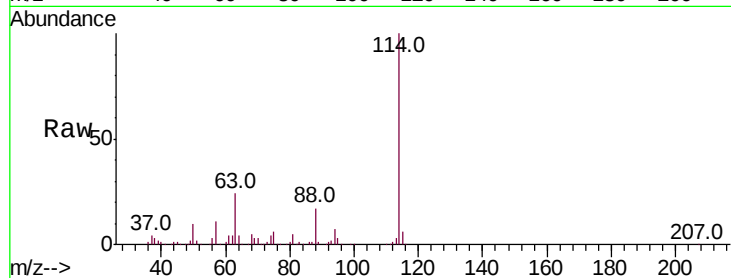
Tot Ion:114 Resp: 358176

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.4

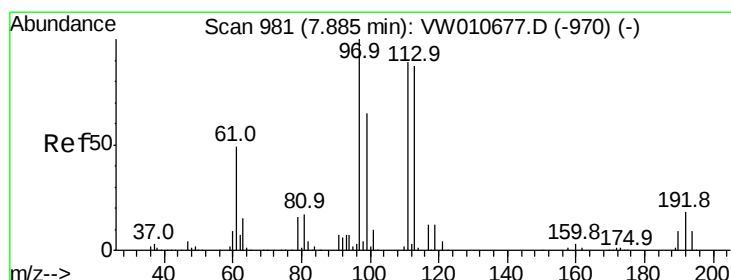
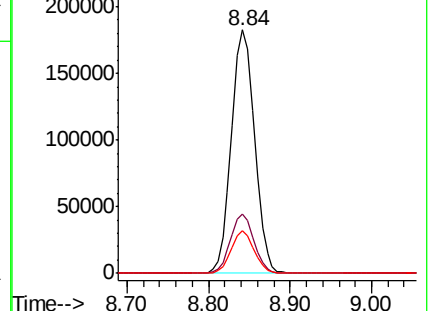
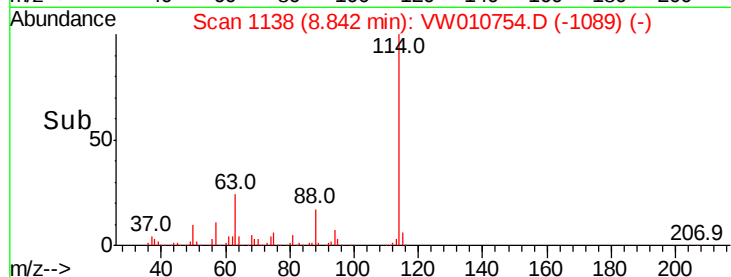
88 17.4 0.0 32.2



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: 55.018 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010754.D

Acq: 10 Jun 2019 19:21

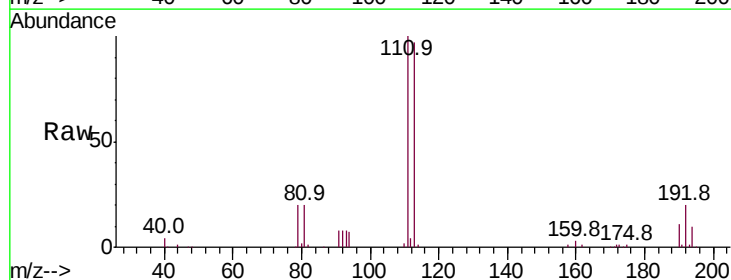
Tgt Ion:113 Resp: 106961

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

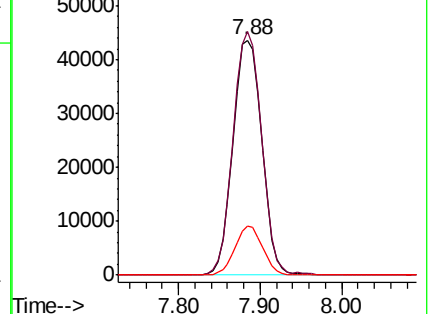
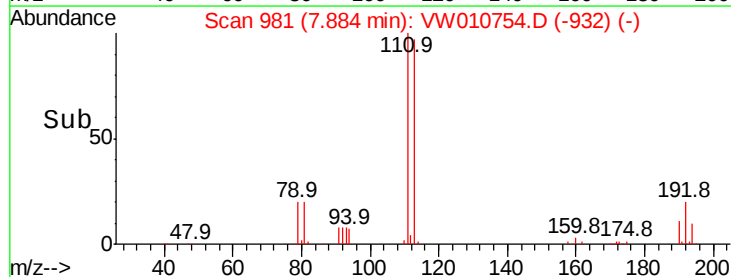
192 19.8 16.4 24.6

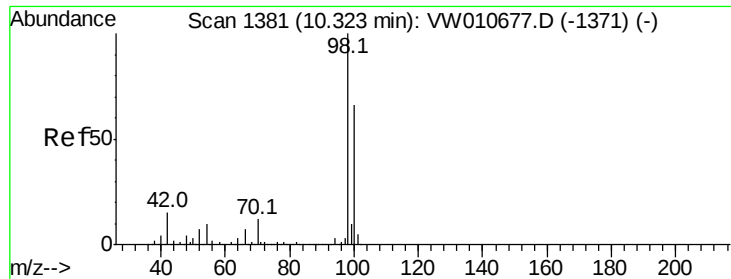


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.720 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010754.D

Acq: 10 Jun 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

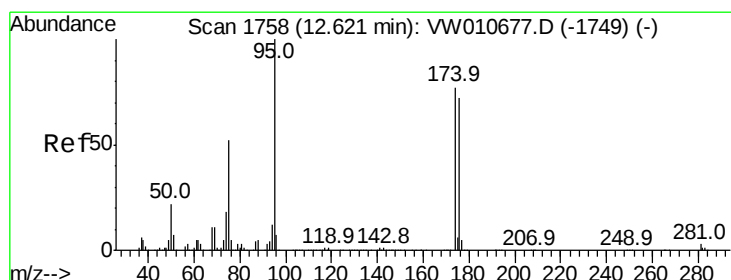
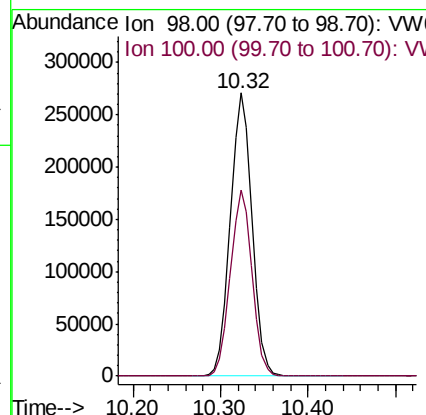
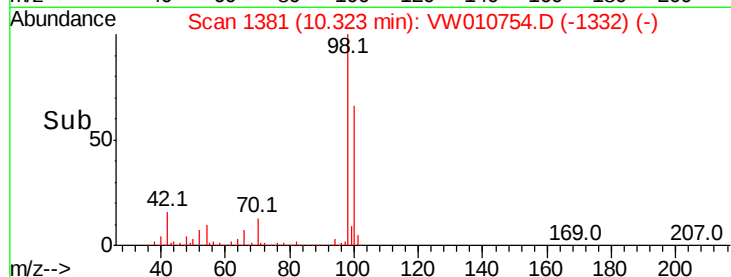
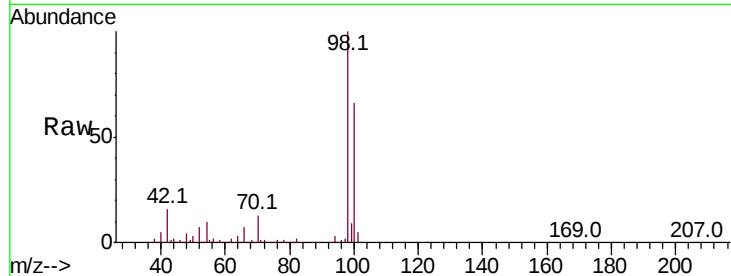
SB-8 9.5-10.0 060719

Tot Ion: 98 Resp: 466498

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 54.022 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010754.D

Acq: 10 Jun 2019 19:21

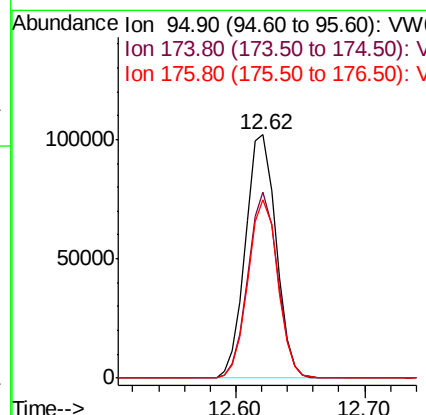
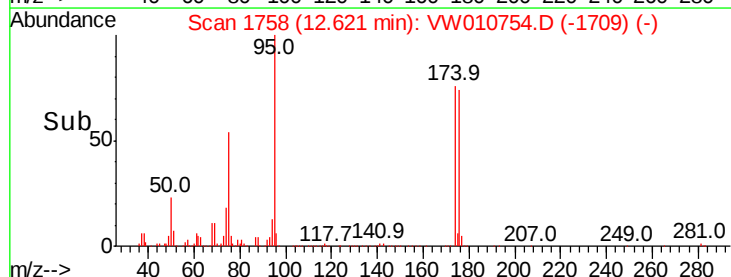
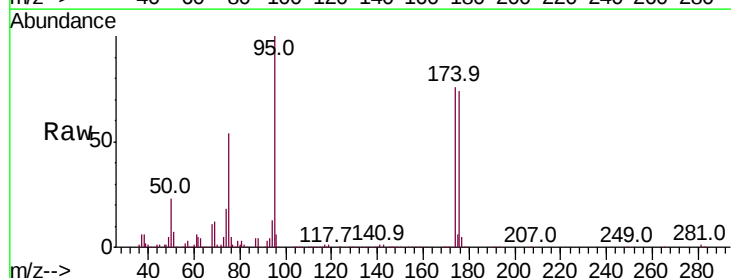
Tgt Ion: 95 Resp: 167585

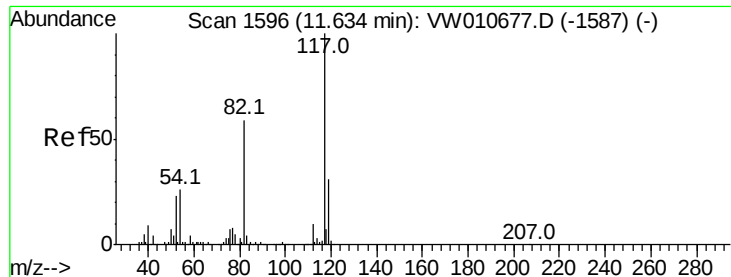
Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.4

176 71.4 0.0 144.8

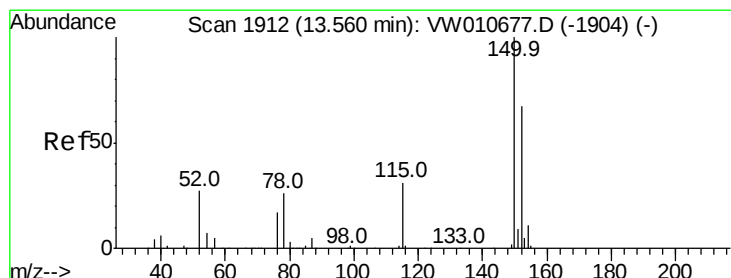
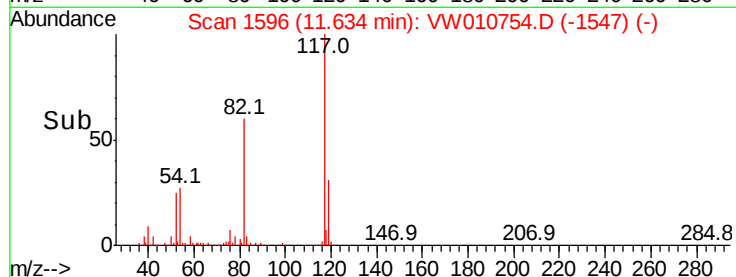
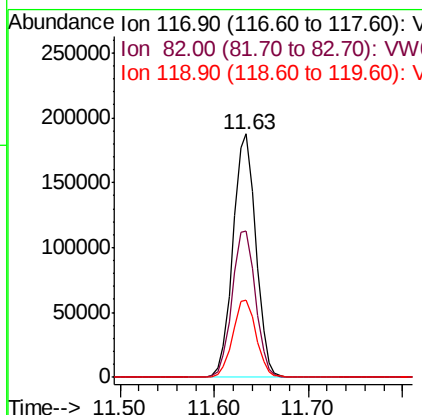
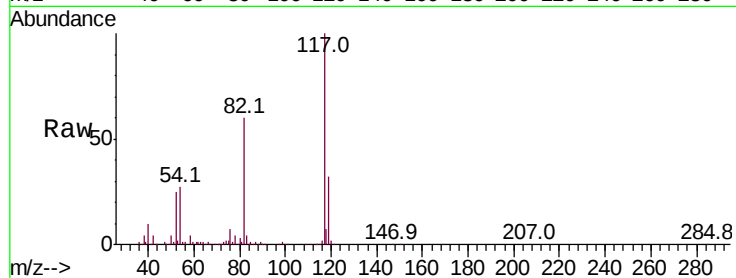




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010754.D
Acq: 10 Jun 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
SB-8 9.5-10.0 060719

Tot Ion:117 Resp: 316852
Ion Ratio Lower Upper
117 100
82 59.9 47.0 70.4
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010754.D
Acq: 10 Jun 2019 19:21

Tgt Ion:152 Resp: 143351
Ion Ratio Lower Upper
152 100
115 59.5 29.8 89.3
150 156.9 0.0 345.0

