

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010757.D
 Acq On : 10 Jun 2019 20:44
 Operator : SY/VA
 Sample : K3274-02
 Misc : 4.53G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11 1.0-1.5 060719

Quant Time: Jun 11 07:19:38 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	166253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118944	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	114312	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.68%	
35) Dibromofluoromethane	7.88	113	85738	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
50) Toluene-d8	10.32	98	384173	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	12.62	95	151257	59.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.44%	

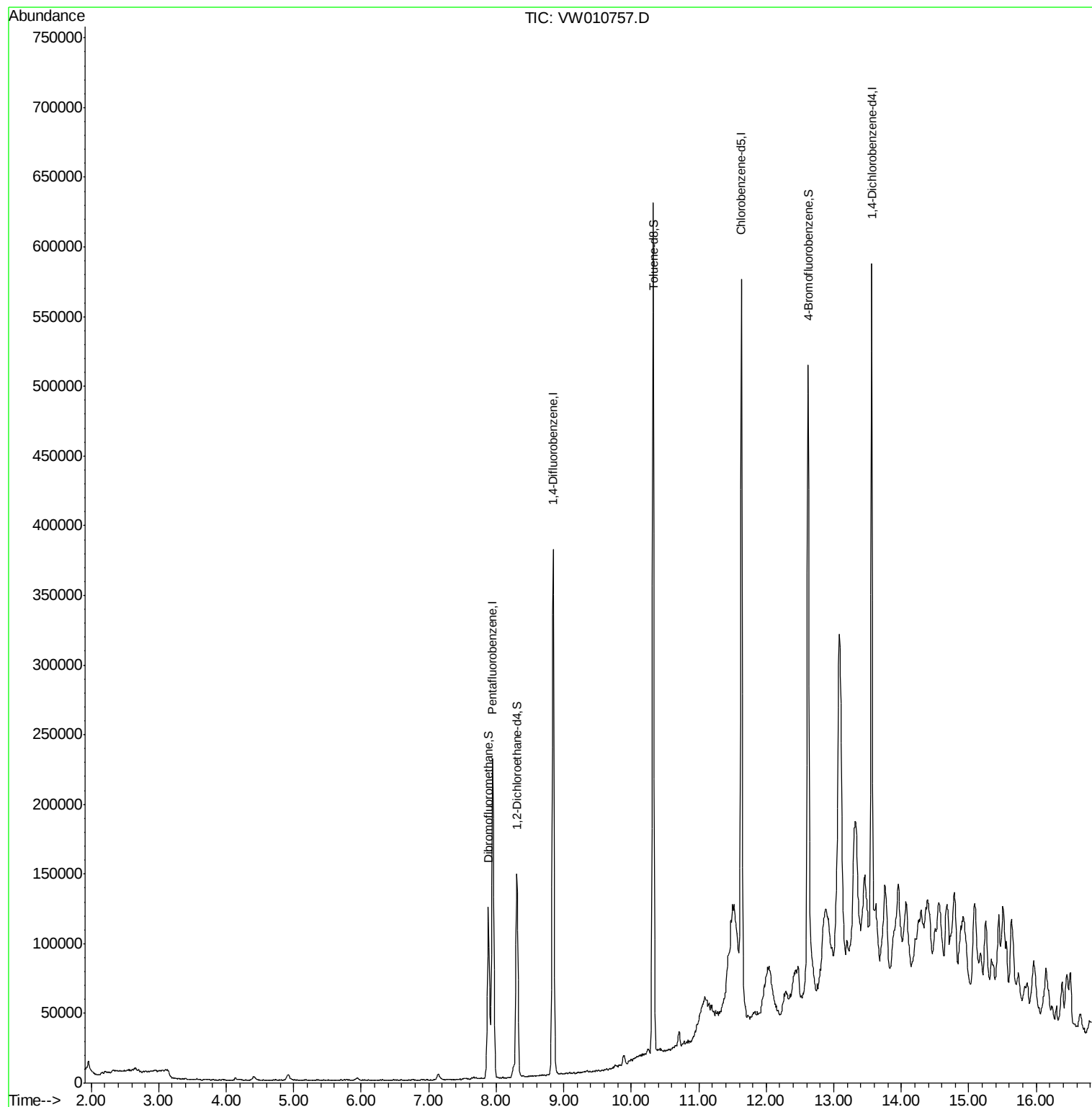
Target Compounds	Qvalue
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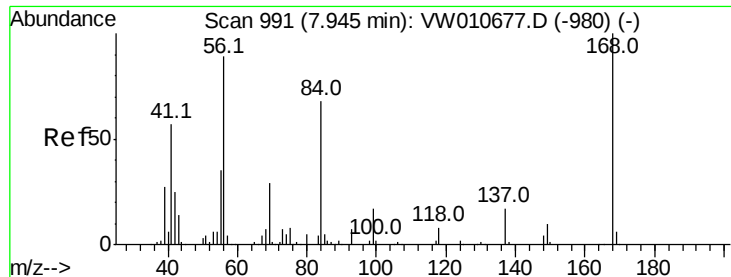
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010757.D

Acq: 10 Jun 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

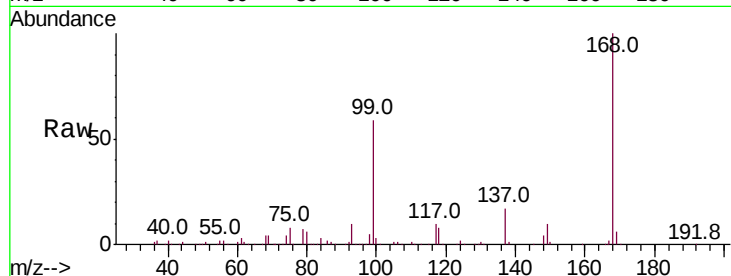
SB-11 1.0-1.5 060719

Tot Ion:168 Resp: 166253

Ion Ratio Lower Upper

168 100

99 59.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

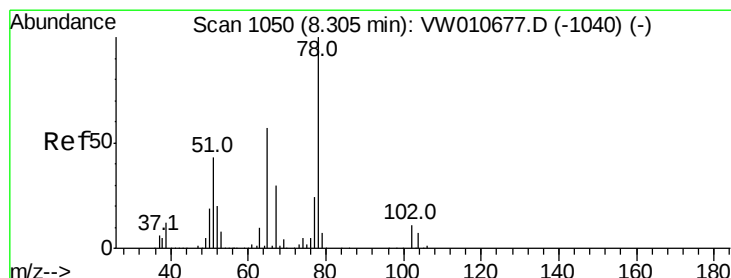
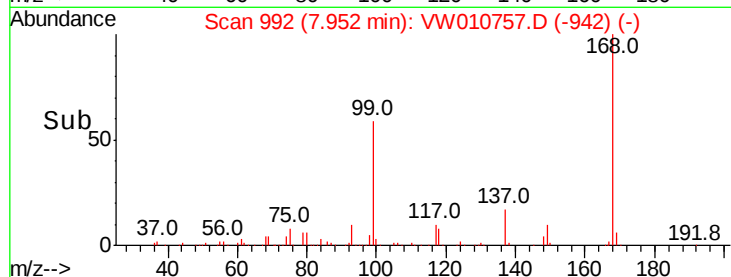
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.335 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010757.D

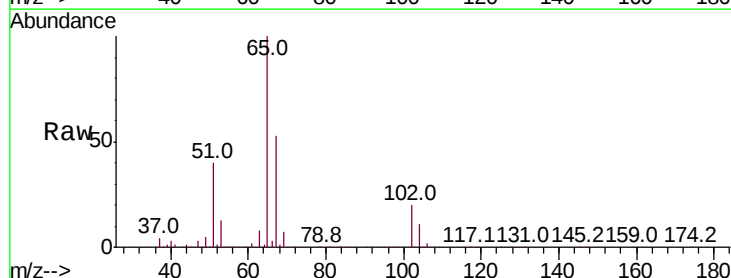
Acq: 10 Jun 2019 20:44

Tgt Ion: 65 Resp: 114312

Ion Ratio Lower Upper

65 100

67 51.4 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

60000

50000

40000

30000

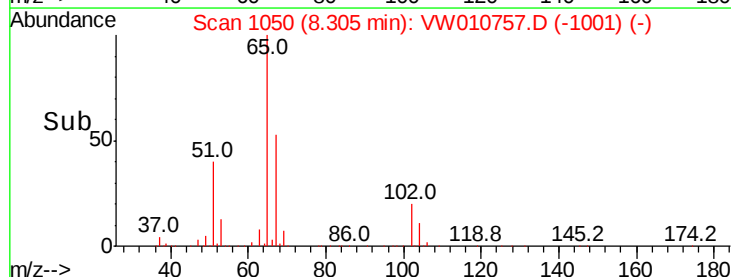
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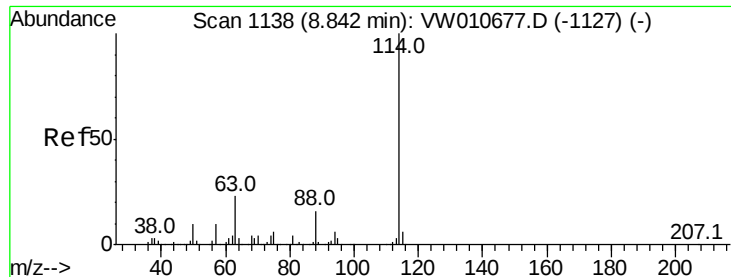
10000

0

8.20 8.30 8.40

Time-->

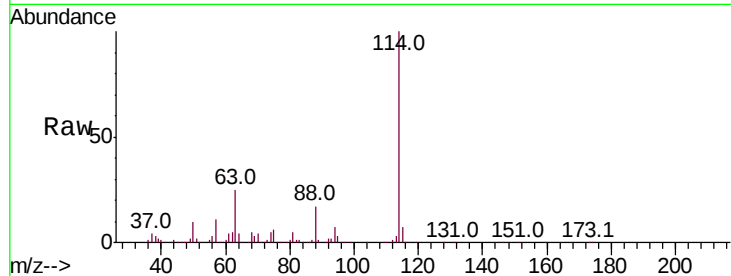




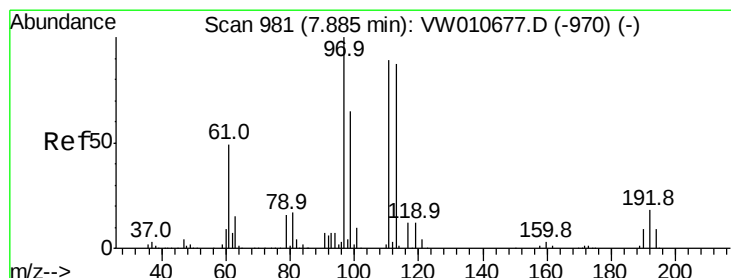
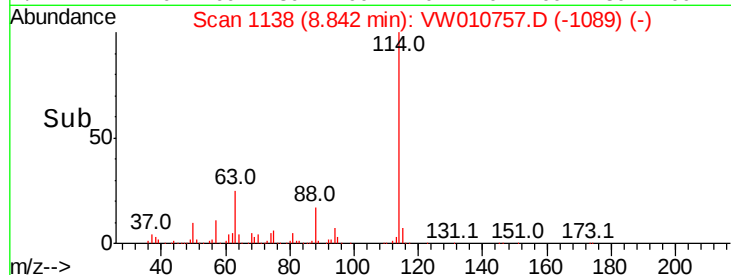
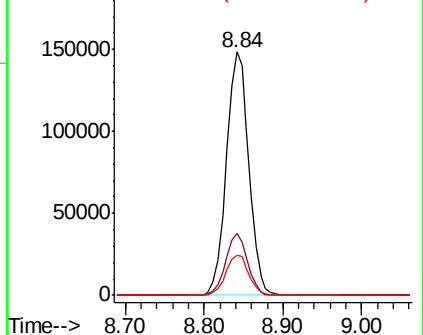
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010757.D
Acq: 10 Jun 2019 20:44

Instrument :
MSVOA_W
ClientSampleId :
SB-11 1.0-1.5 060719

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	46.4
88	16.7	0.0	32.2

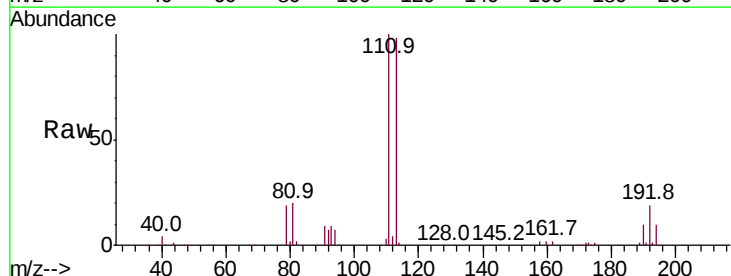


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

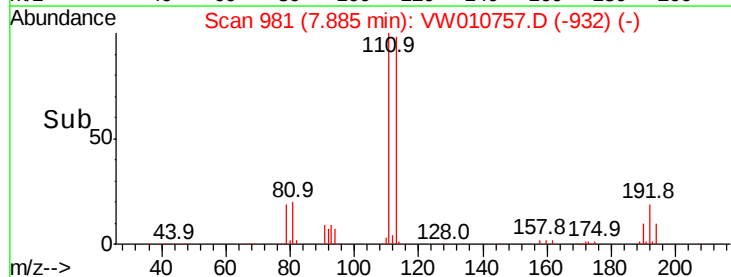
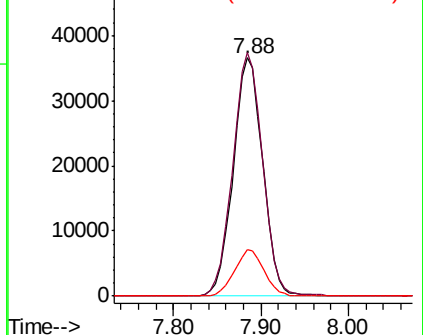


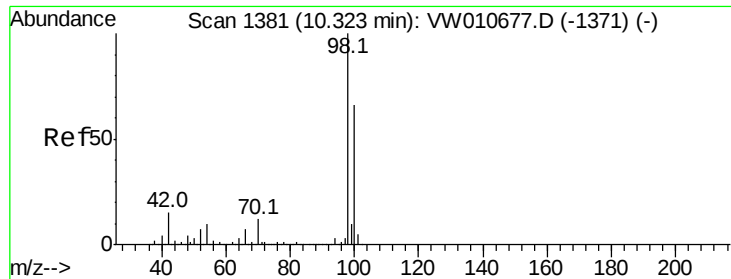
#35
Dibromofluoromethane
Concen: 54.018 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010757.D
Acq: 10 Jun 2019 20:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.6	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: 55.197 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010757.D

Acq: 10 Jun 2019 20:44

Instrument :

MSVOA_W

ClientSampleId :

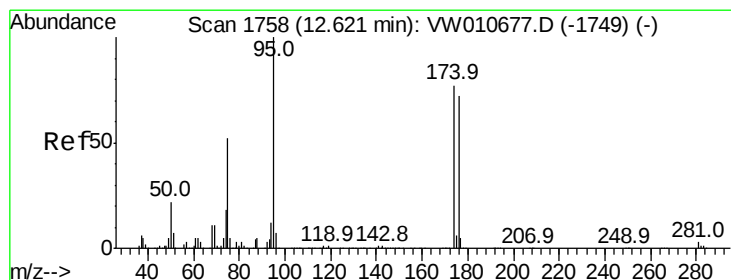
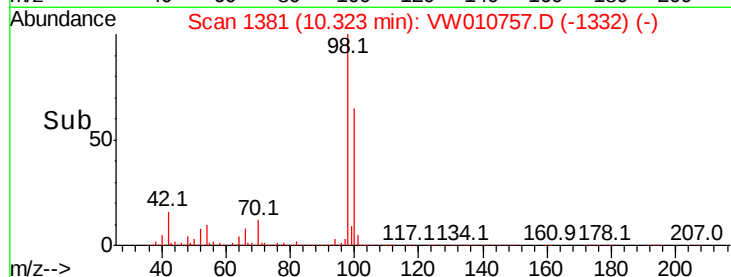
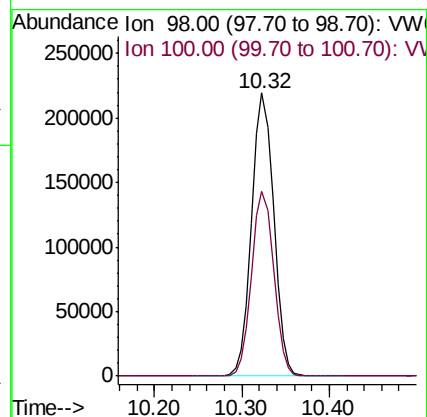
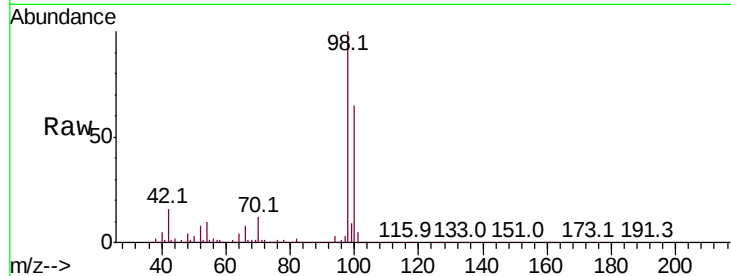
SB-11 1.0-1.5 060719

Tot Ion: 98 Resp: 384173

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 59.722 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010757.D

Acq: 10 Jun 2019 20:44

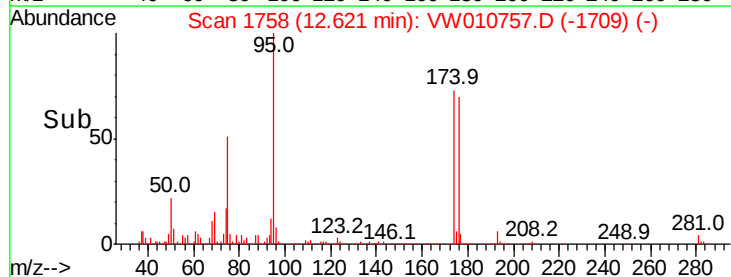
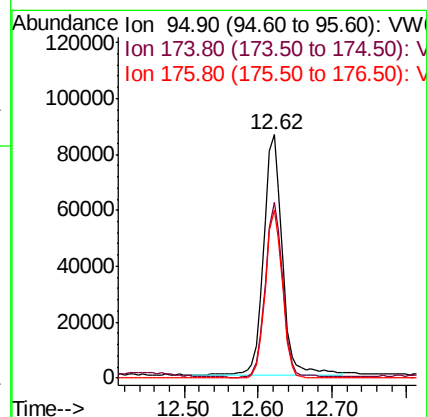
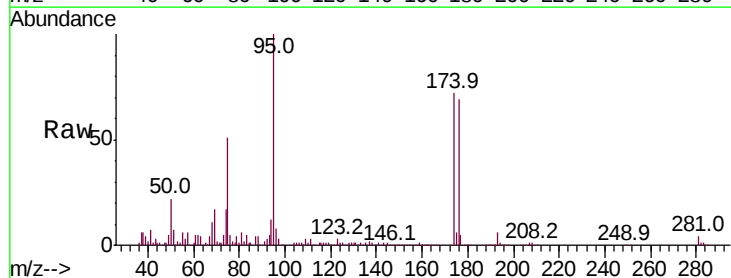
Tgt Ion: 95 Resp: 151257

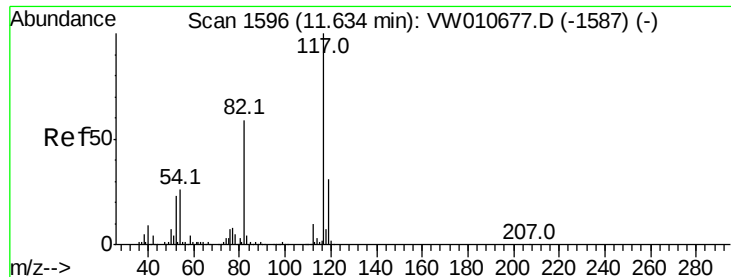
Ion Ratio Lower Upper

95 100

174 68.2 0.0 150.4

176 64.3 0.0 144.8

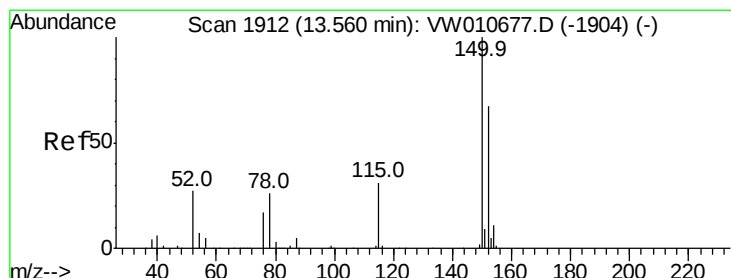
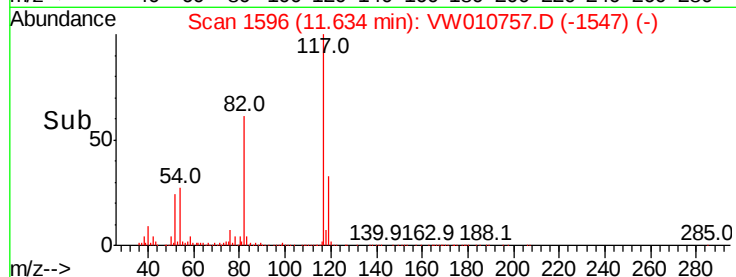
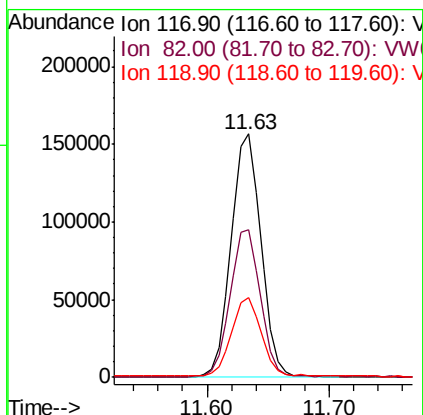
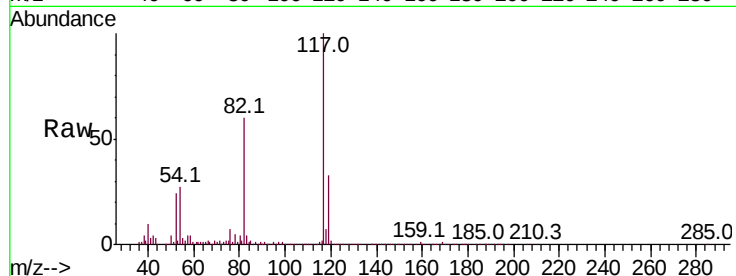




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010757.D
Acq: 10 Jun 2019 20:44

Instrument :
MSVOA_W
ClientSampleId :
SB-11 1.0-1.5 060719

Tot Ion:117 Resp: 262463
Ion Ratio Lower Upper
117 100
82 60.3 47.0 70.4
119 32.3 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: VW010757.D
Acq: 10 Jun 2019 20:44

Tgt Ion:152 Resp: 118944
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.3
150 154.8 0.0 345.0

