

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011348.D
 Acq On : 18 Jul 2019 22:56
 Operator : SY/VA
 Sample : VW0718SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBL02

Quant Time: Jul 19 09:43:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	119678	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
35) Dibromofluoromethane	7.88	113	93619	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	10.32	98	379872	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	125151	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

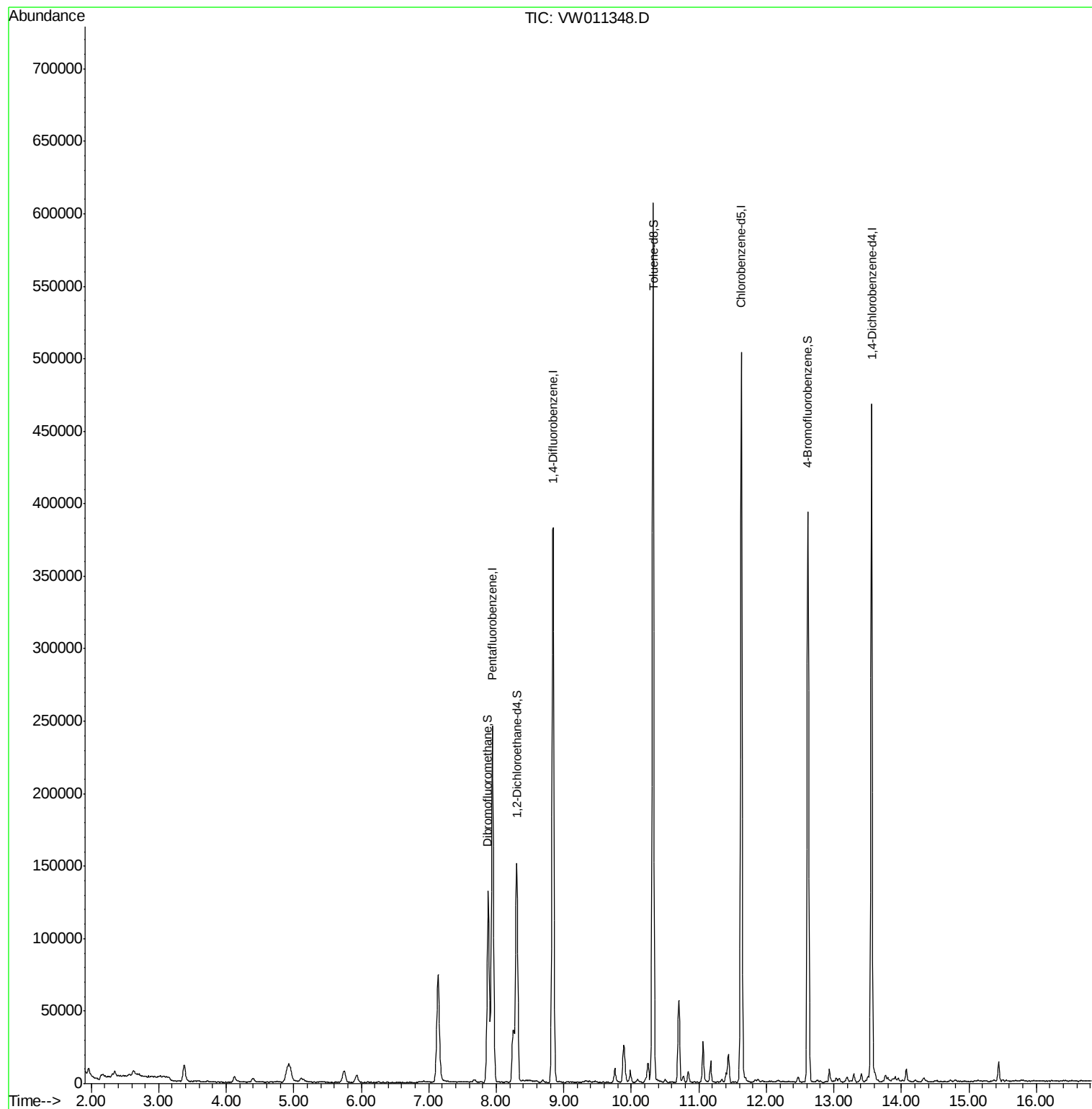
Target Compounds	Qvalue

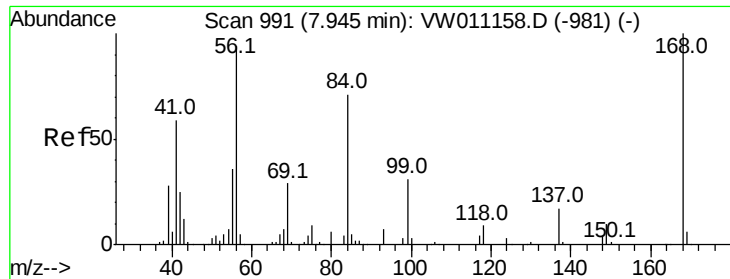
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011348.D

Acq: 18 Jul 2019 22:56

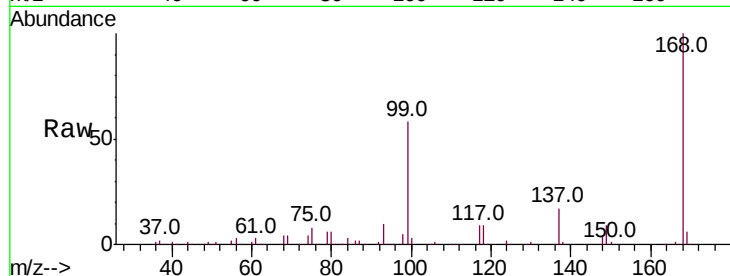
Instrument :
MSVOA_W
ClientSampleId :
VW0718SBL02

Tot Ion:168 Resp: 179506

Ion Ratio Lower Upper

168 100

99 57.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

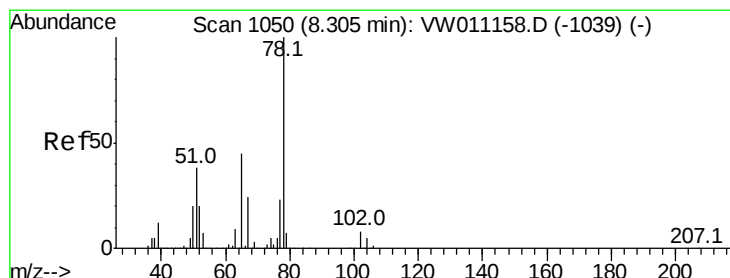
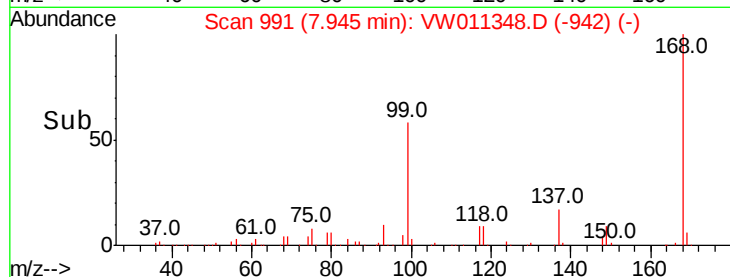
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.059 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011348.D

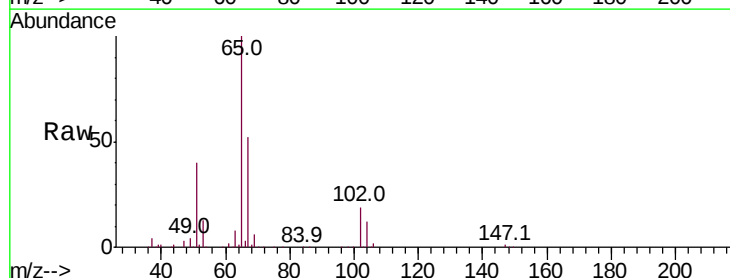
Acq: 18 Jul 2019 22:56

Tgt Ion: 65 Resp: 119678

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

30000

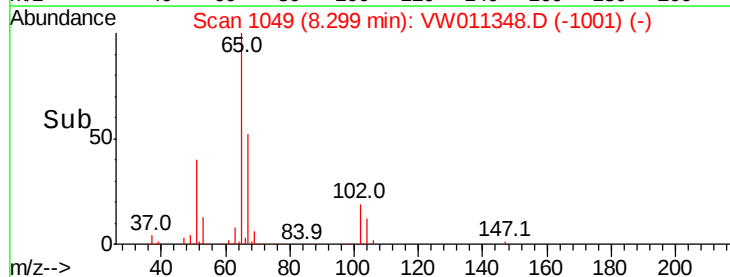
20000

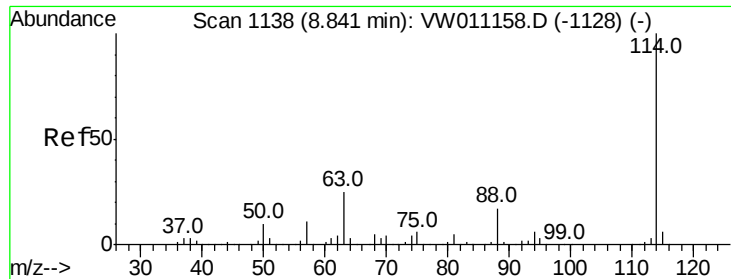
10000

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: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

VW0718SBL02

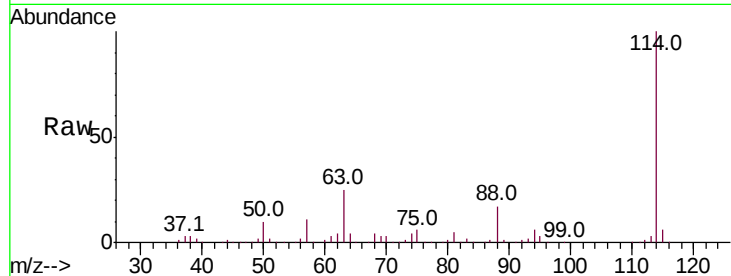
Tot Ion:114 Resp: 304242

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.8

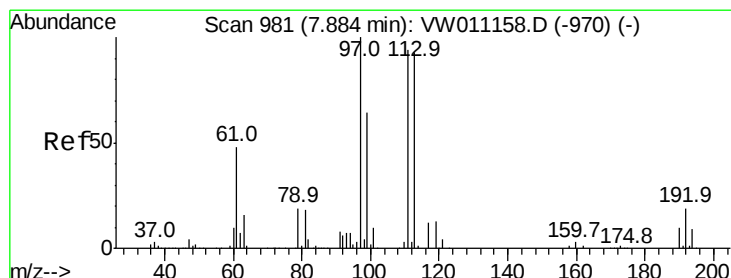
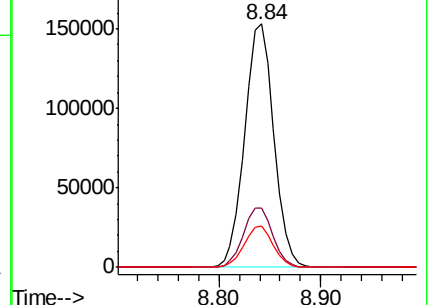
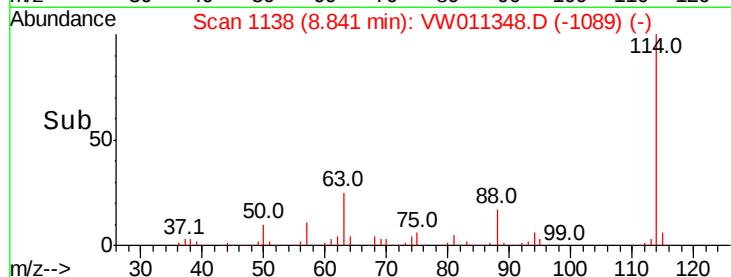
88 17.1 0.0 34.2



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: 51.626 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

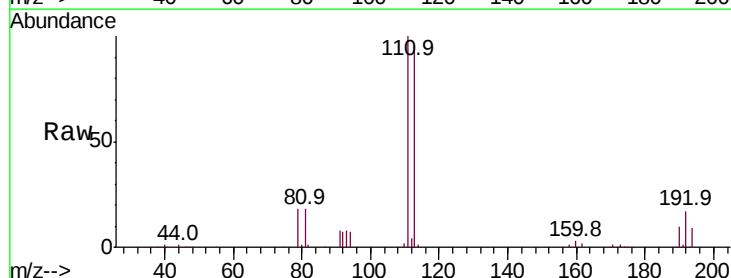
Tgt Ion:113 Resp: 93619

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

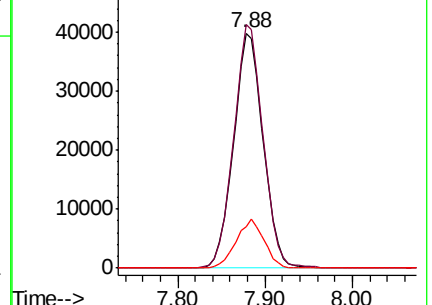
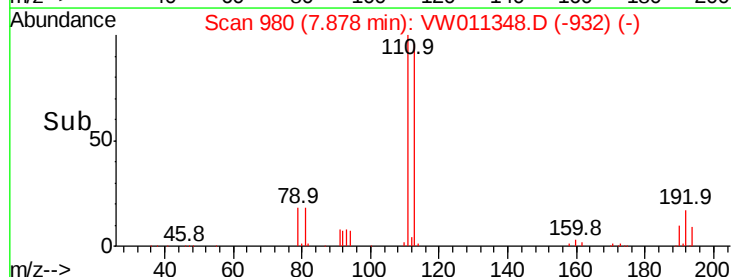
192 19.6 15.8 23.8

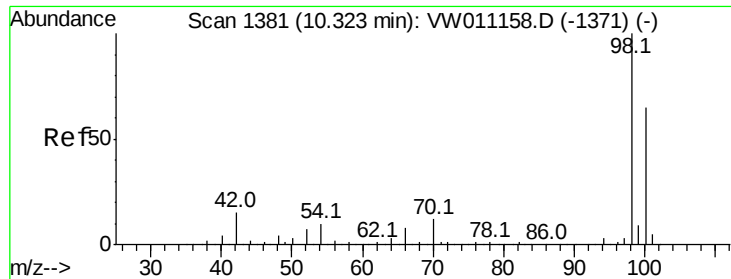


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.824 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

Instrument :

MSVOA_W

ClientSampleId :

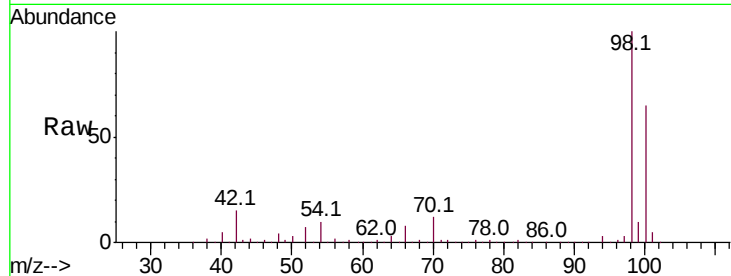
VW0718SBL02

Tot Ion: 98 Resp: 379872

Ion Ratio Lower Upper

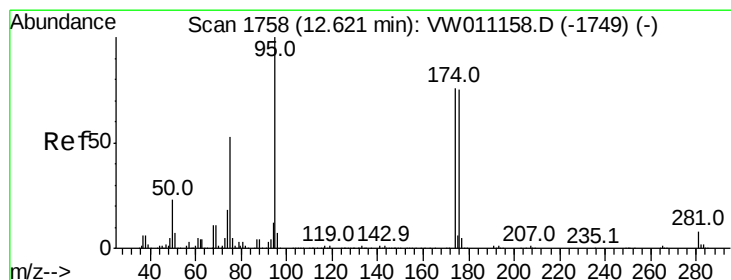
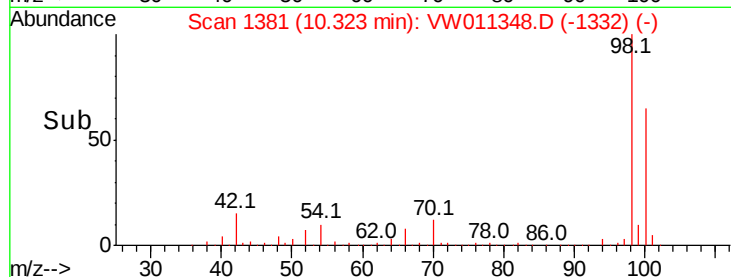
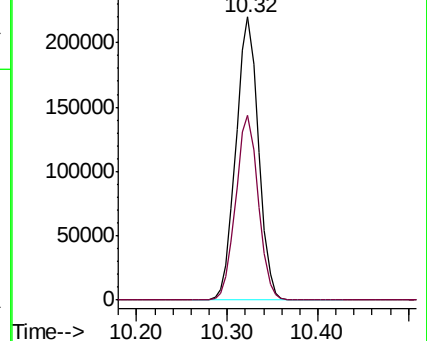
98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.581 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW011348.D

Acq: 18 Jul 2019 22:56

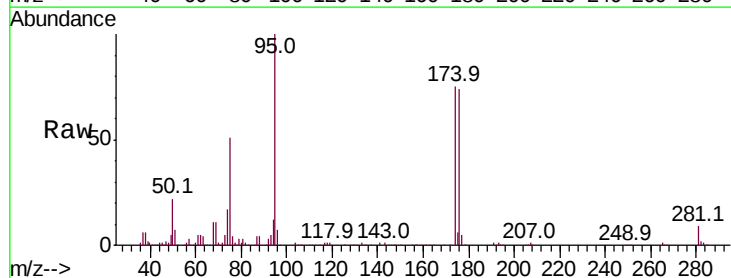
Tgt Ion: 95 Resp: 125151

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.6

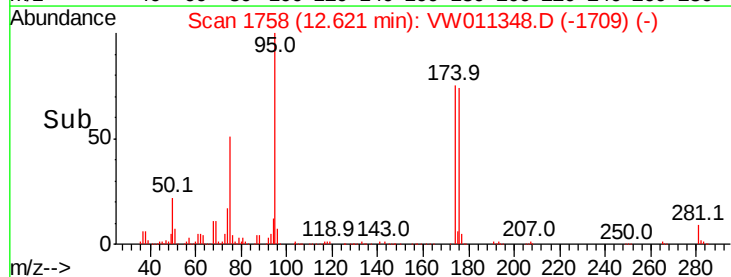
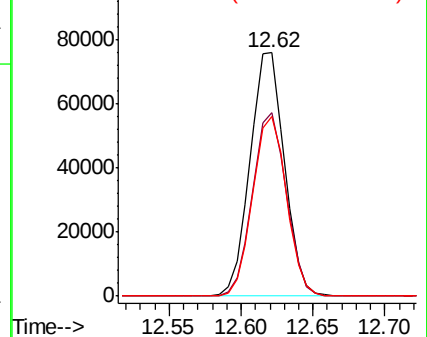
176 72.4 0.0 144.6

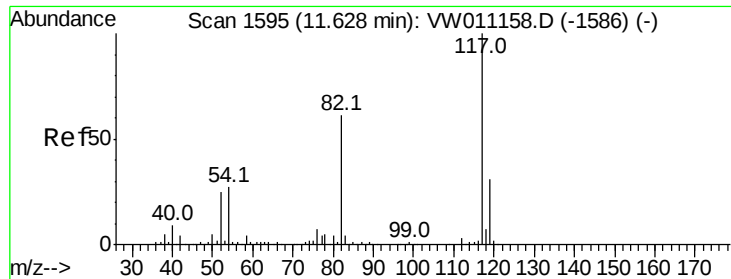


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

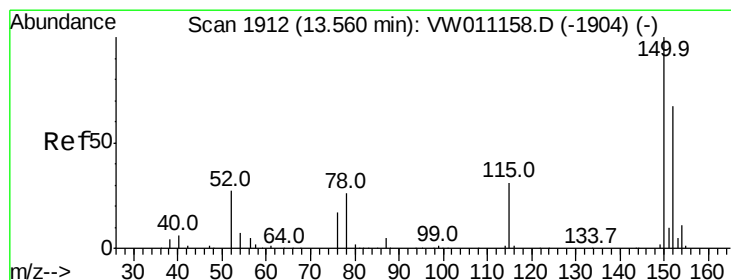
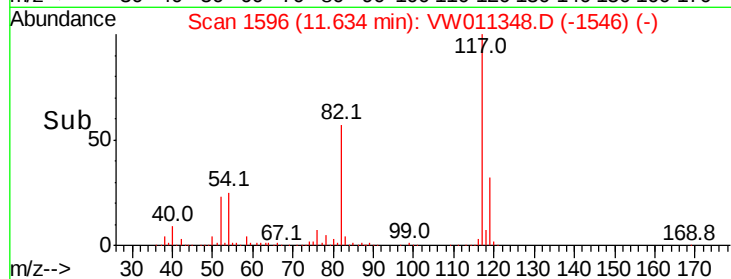
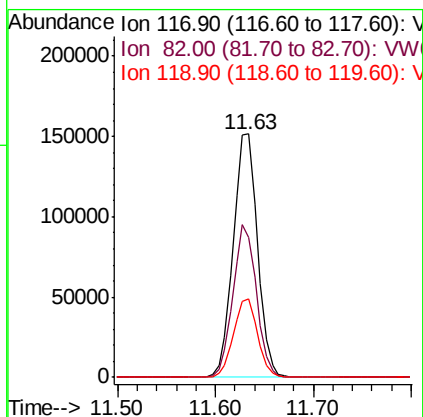
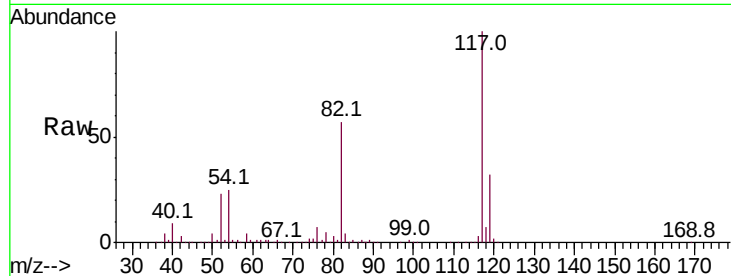




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

Instrument :
MSVOA_W
ClientSampleId :
VW0718SBL02

Tot Ion:117 Resp: 261359
Ion Ratio Lower Upper
117 100
82 57.4 48.9 73.3
119 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011348.D
Acq: 18 Jul 2019 22:56

Tgt Ion:152 Resp: 111579
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 158.9 0.0 346.0

