

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010867.D
 Acq On : 20 Jun 2019 00:54
 Operator : SY/VA
 Sample : VW0619SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBL02

Quant Time: Jun 20 07:08:19 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	227089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165214	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155507	58.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	7.88	113	110188	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.32	98	464006	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.62	95	171920	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

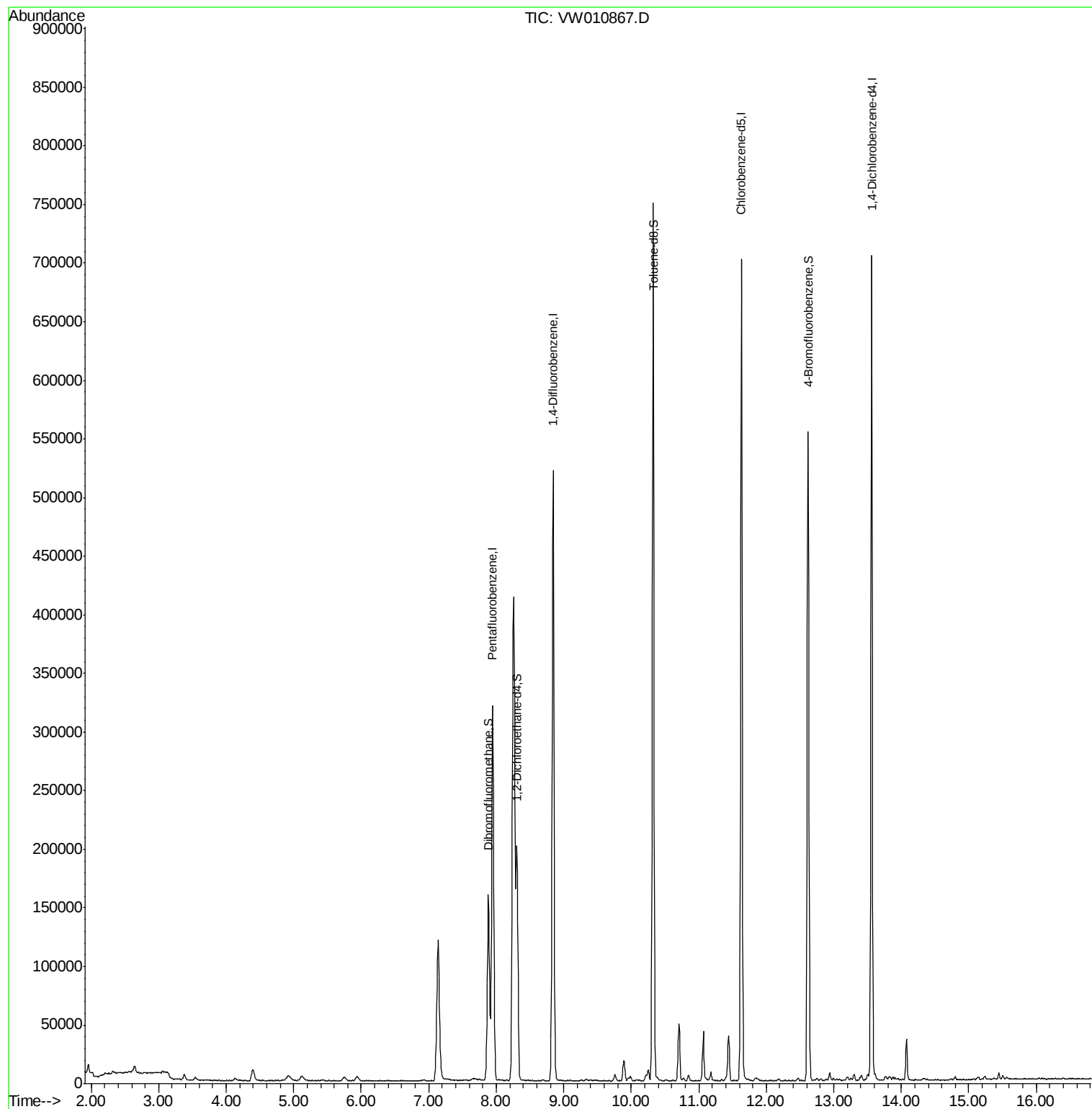
Target Compounds	Qvalue

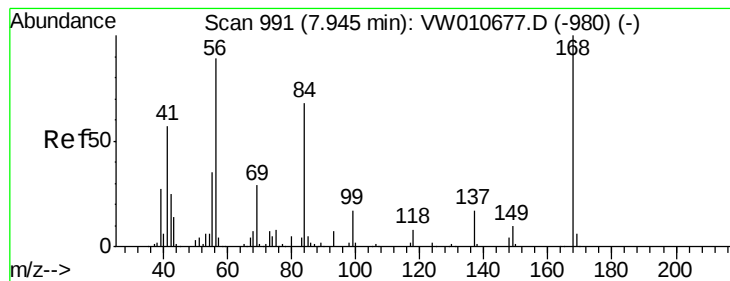
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
Data File : VW010867.D
Acq On : 20 Jun 2019 00:54
Operator : SY/VA
Sample : VW0619SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBL02

Quant Time: Jun 20 07:08:19 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# 991

Delta R.T. 0.00 min

Lab File: VW010867.D

Acq: 20 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

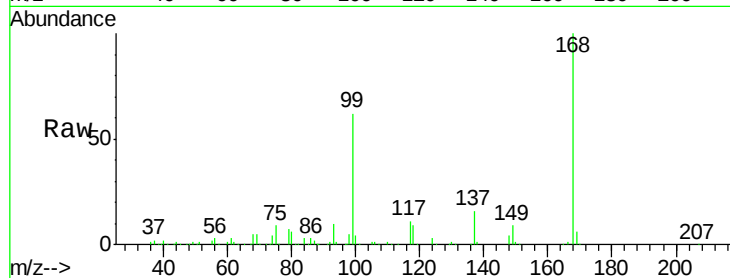
VW0619SBL02

Tot Ion:168 Resp: 227089

Ion Ratio Lower Upper

168 100

99 61.9 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

120000

100000

80000

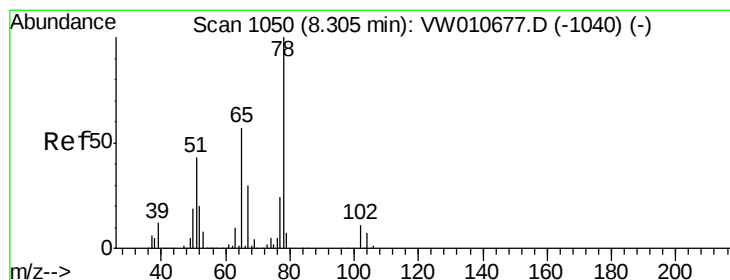
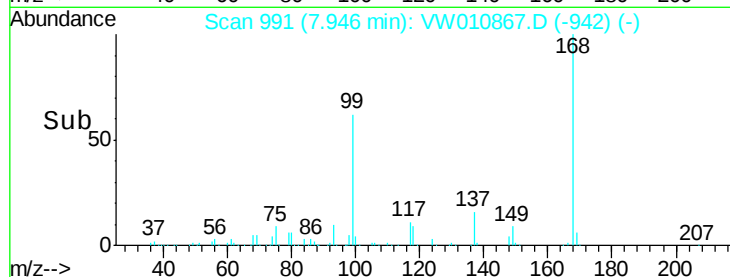
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.098 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010867.D

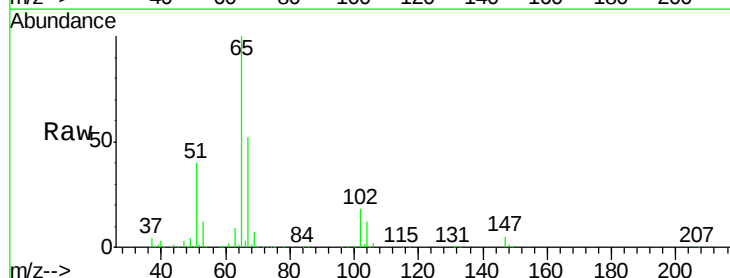
Acq: 20 Jun 2019 00:54

Tgt Ion: 65 Resp: 155507

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

80000

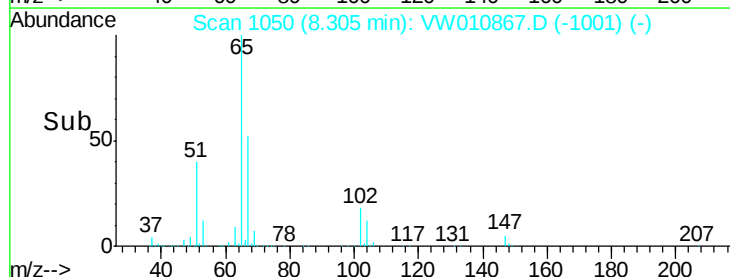
60000

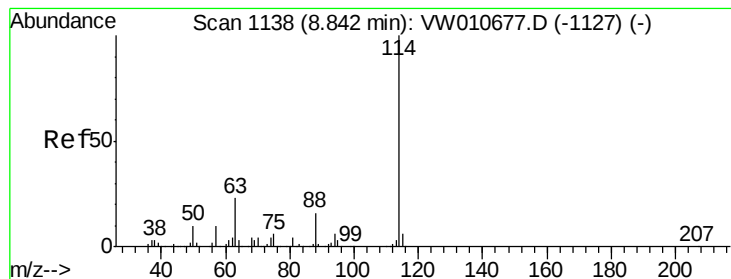
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010867.D

Acq: 20 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBL02

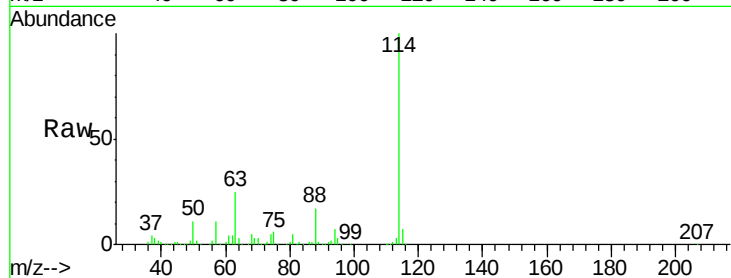
Tot Ion:114 Resp: 396671

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.4

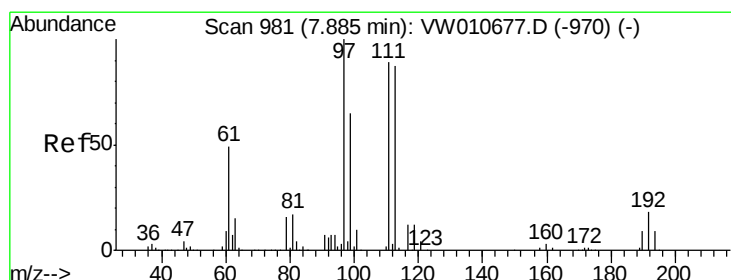
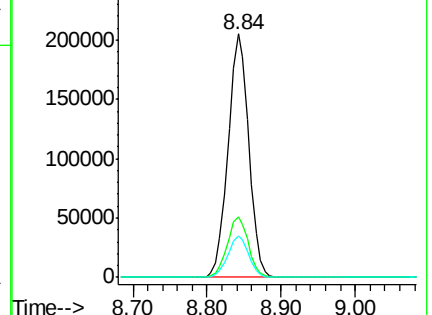
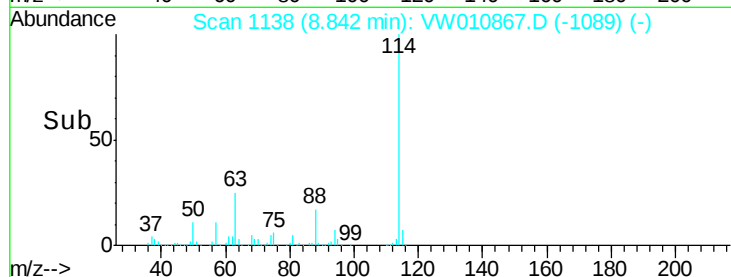
88 16.9 0.0 32.2



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: 51.178 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010867.D

Acq: 20 Jun 2019 00:54

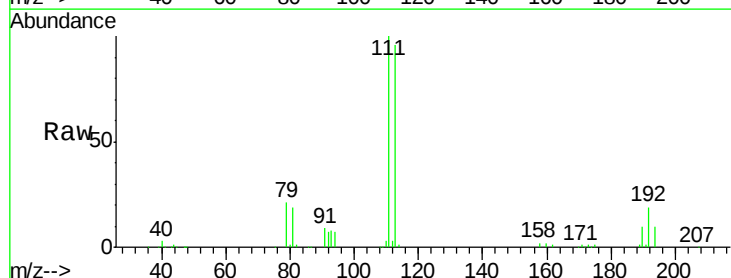
Tgt Ion:113 Resp: 110188

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

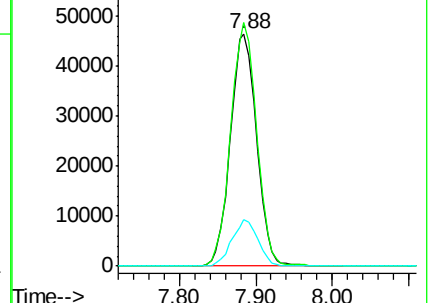
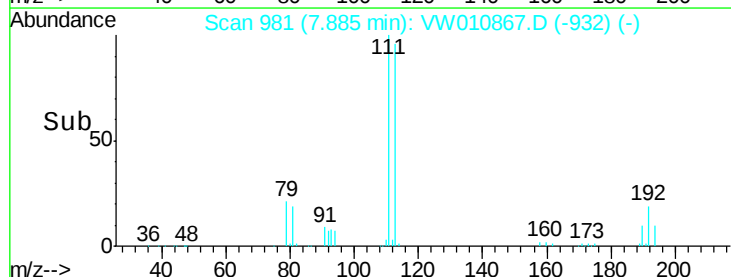
192 19.7 16.4 24.6

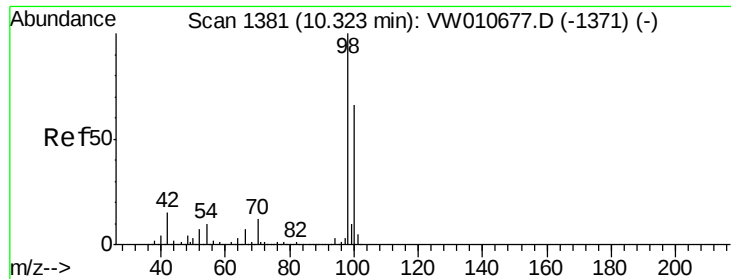


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.146 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010867.D

Acq: 20 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

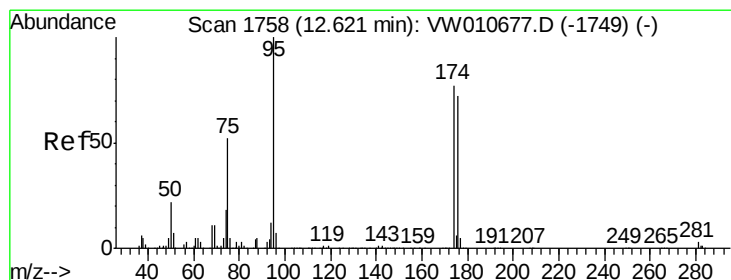
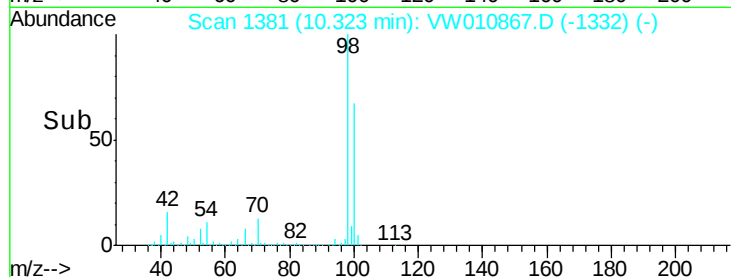
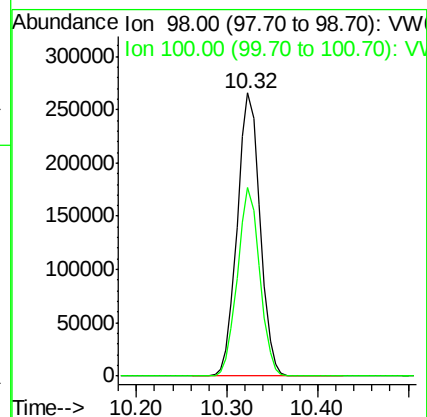
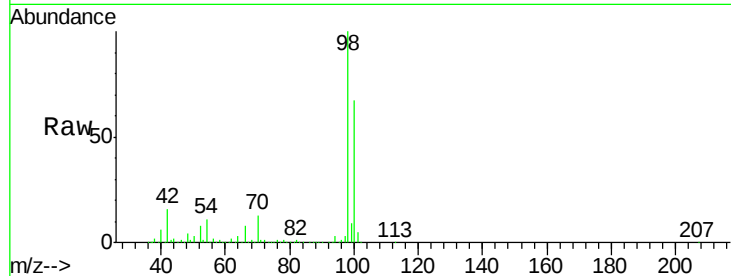
VW0619SBL02

Tot Ion: 98 Resp: 464006

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010867.D

Acq: 20 Jun 2019 00:54

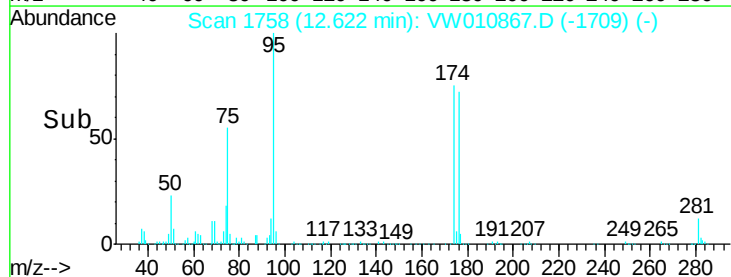
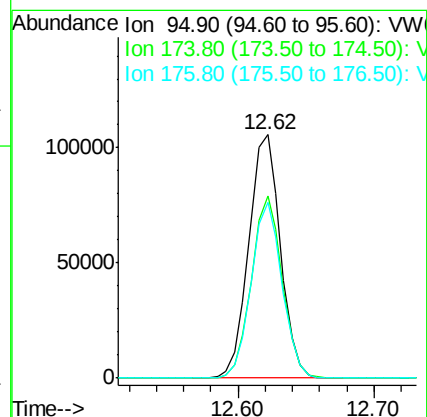
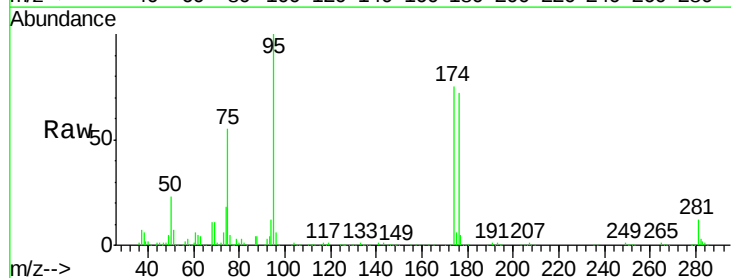
Tgt Ion: 95 Resp: 171920

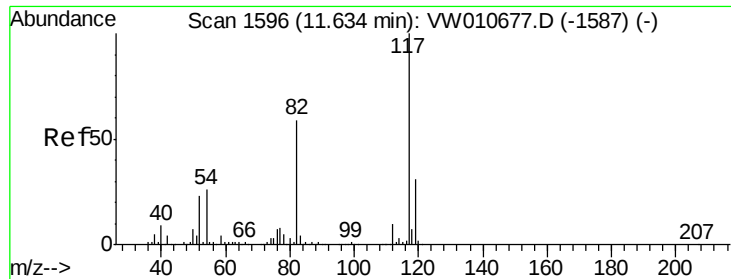
Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 70.7 0.0 144.8

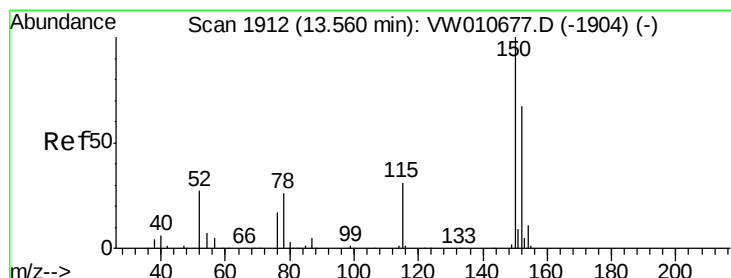
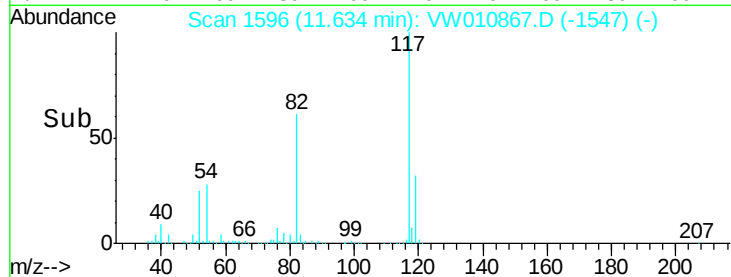
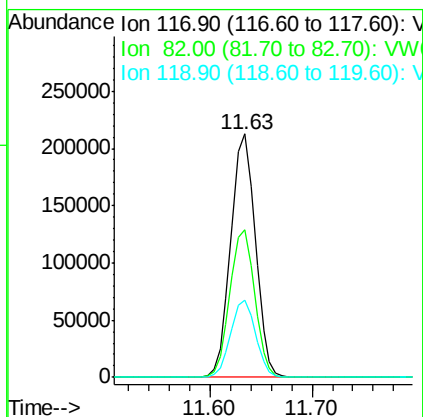
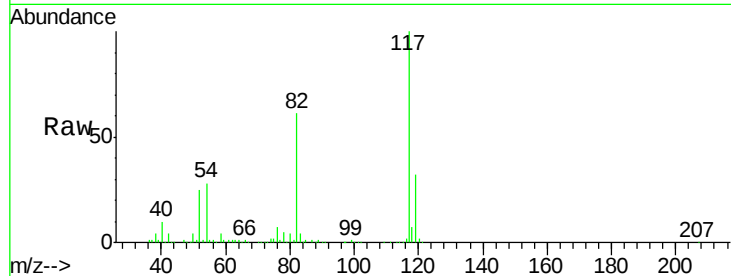




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010867.D
Acq: 20 Jun 2019 00:54

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBL02

Tot Ion:117 Resp: 355551
Ion Ratio Lower Upper
117 100
82 60.9 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: VW010867.D
Acq: 20 Jun 2019 00:54

Tgt Ion:152 Resp: 165214
Ion Ratio Lower Upper
152 100
115 61.8 29.8 89.3
150 157.5 0.0 345.0

