

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010039.D
 Acq On : 18 Apr 2019 12:15
 Operator : SY/VA
 Sample : VW0418SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0418SBL01

Quant Time: Apr 18 15:49:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	378122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	653714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	577739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	270969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	268759	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
35) Dibromofluoromethane	7.88	113	223224	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	856093	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
62) 4-Bromofluorobenzene	12.62	95	280617	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	

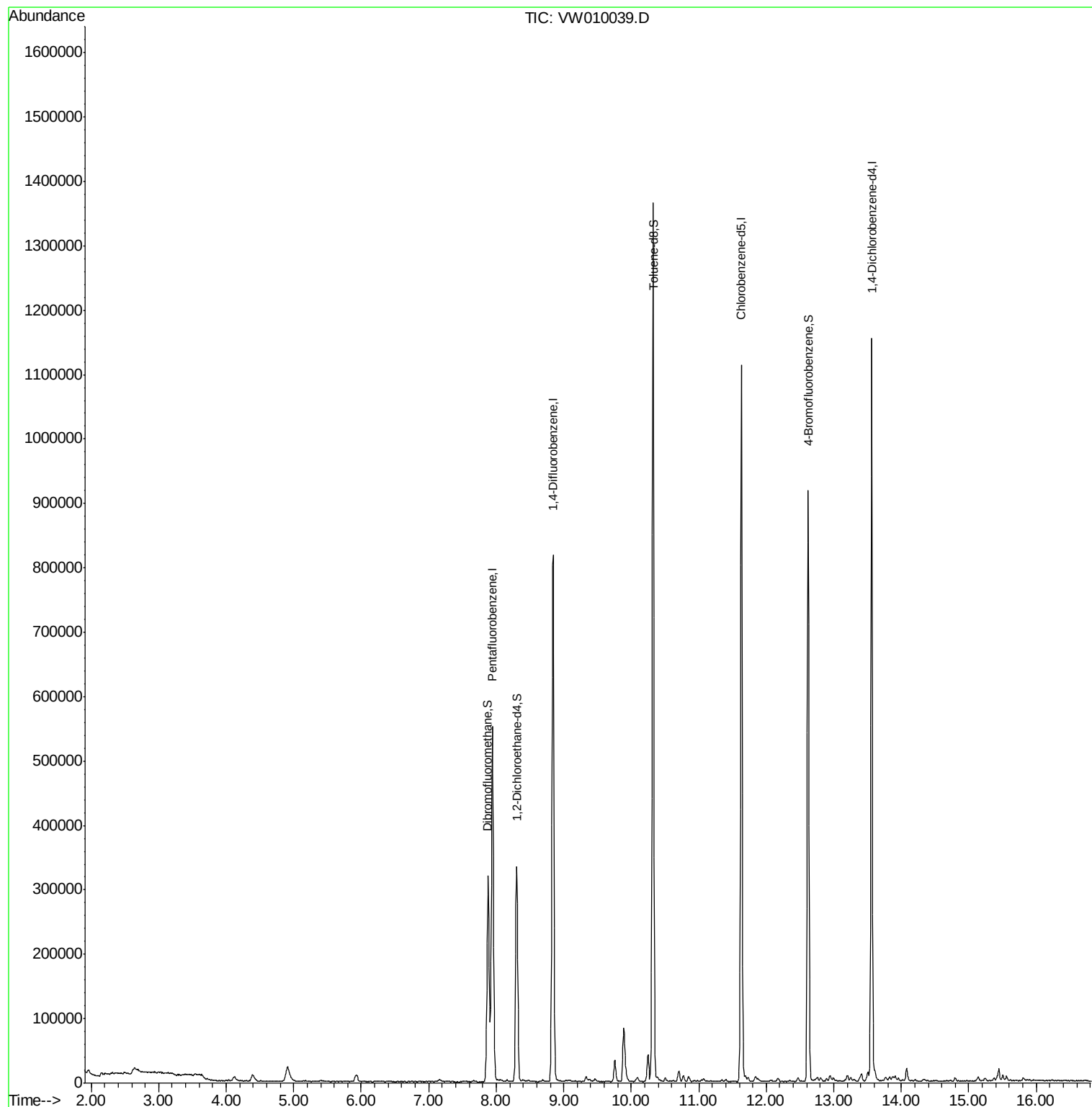
Target Compounds Qvalue

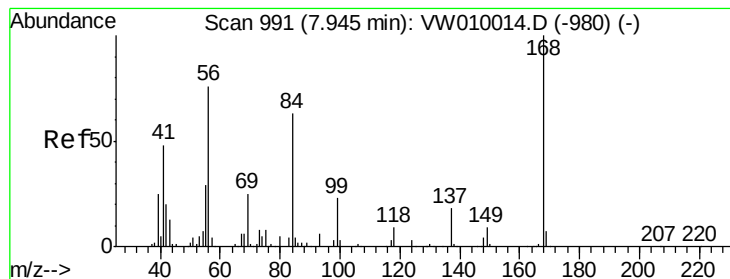
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 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: VW010039.D

Acq: 18 Apr 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

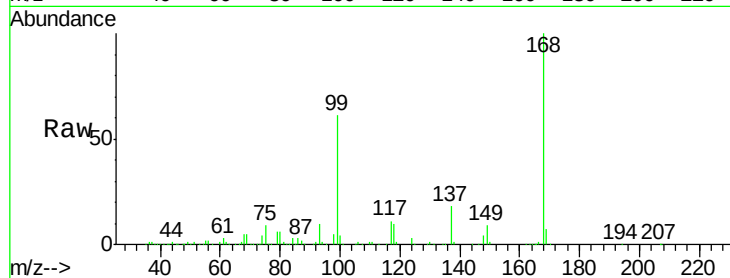
VW0418SBL01

Tot Ion:168 Resp: 378122

Ion Ratio Lower Upper

168 100

99 60.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

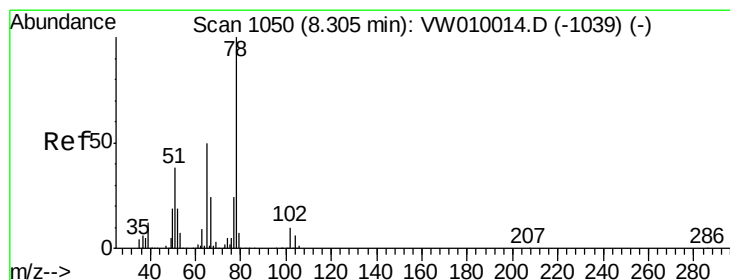
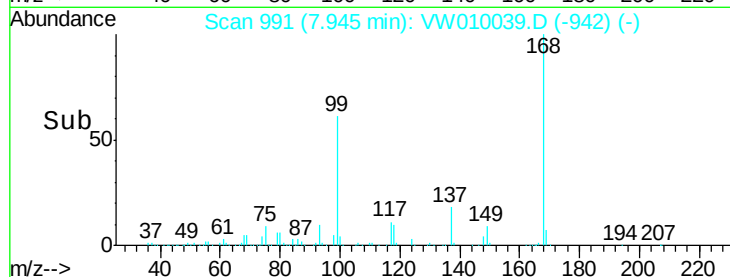
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.597 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010039.D

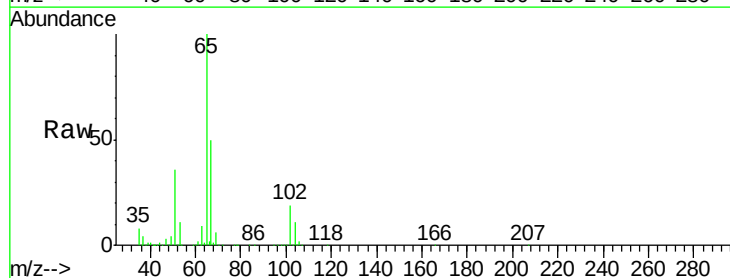
Acq: 18 Apr 2019 12:15

Tgt Ion: 65 Resp: 268759

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

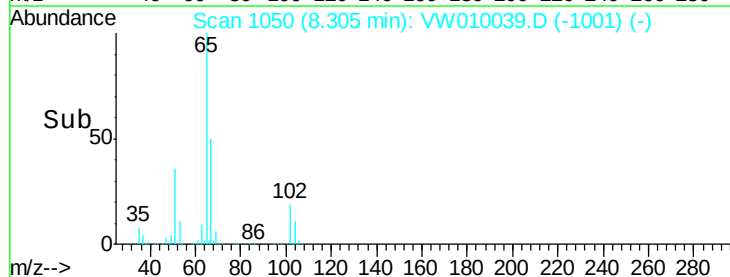
100000

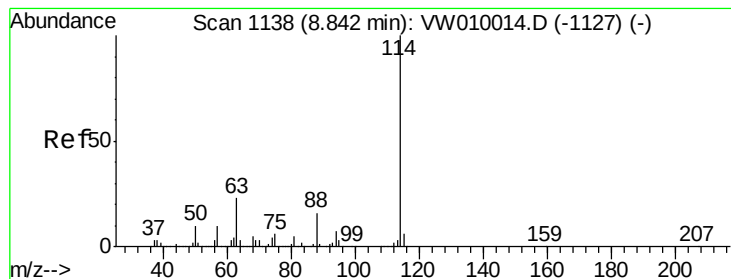
50000

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: VW010039.D

Acq: 18 Apr 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

VW0418SBL01

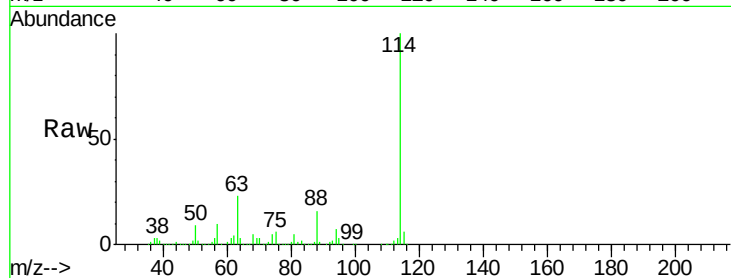
Tot Ion:114 Resp: 653714

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.2

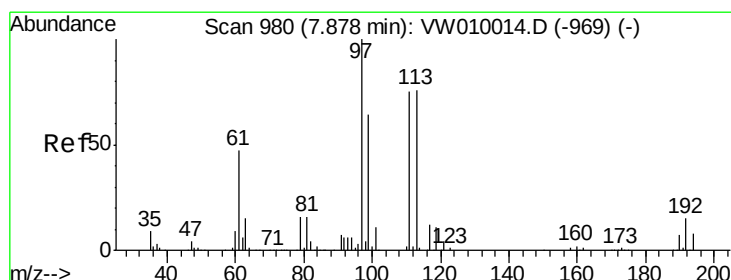
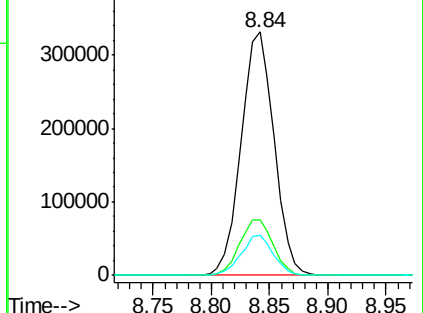
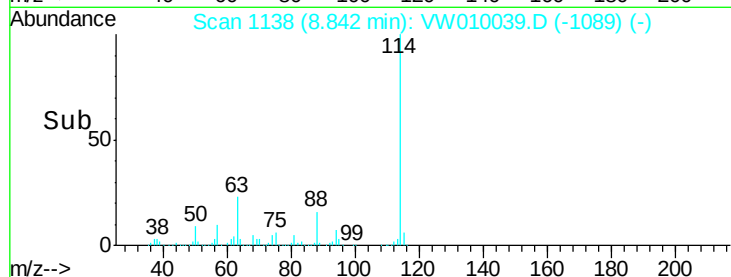
88 16.4 0.0 32.6



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: 53.710 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW010039.D

Acq: 18 Apr 2019 12:15

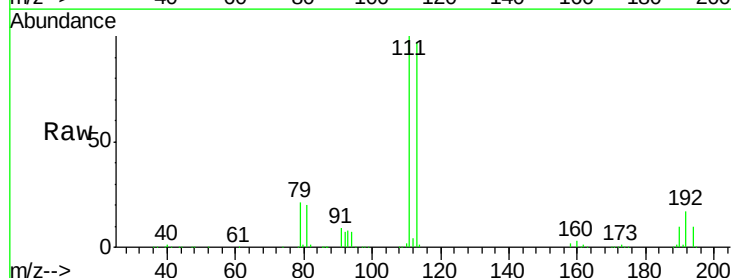
Tgt Ion:113 Resp: 223224

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

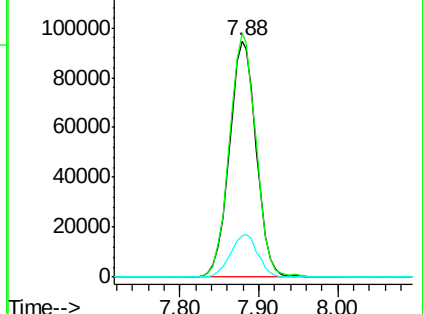
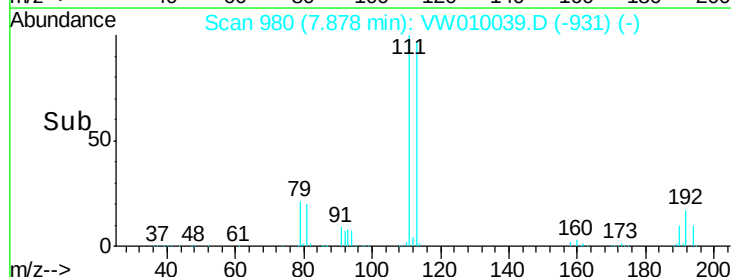
192 18.5 15.4 23.2

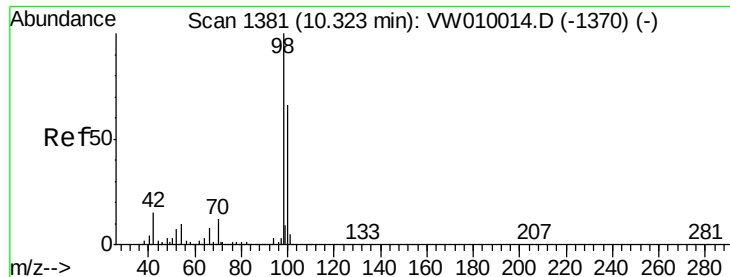


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.971 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010039.D

Acq: 18 Apr 2019 12:15

Instrument :

MSVOA_W

ClientSampleId :

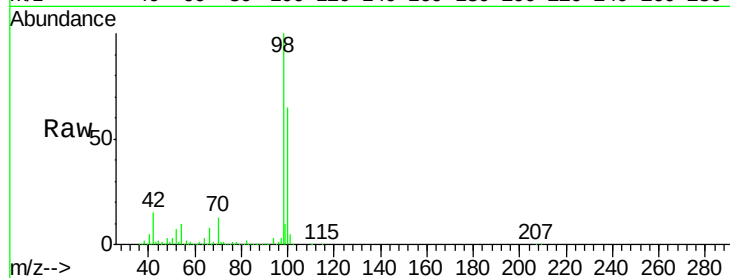
VW0418SBL01

Tot Ion: 98 Resp: 856093

Ion Ratio Lower Upper

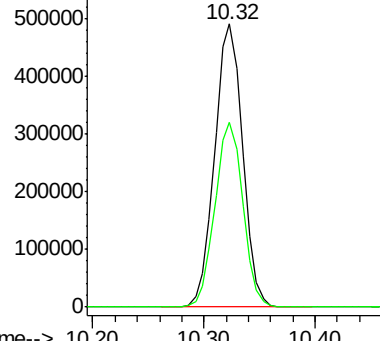
98 100

100 65.3 52.3 78.5

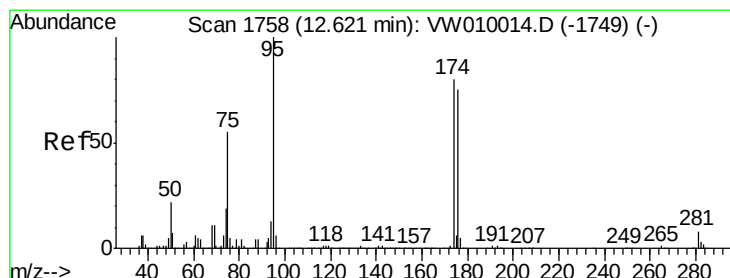
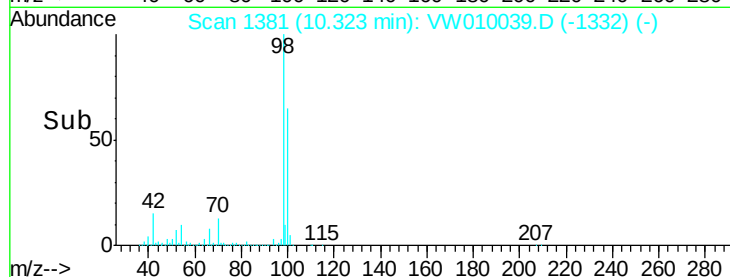


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.571 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010039.D

Acq: 18 Apr 2019 12:15

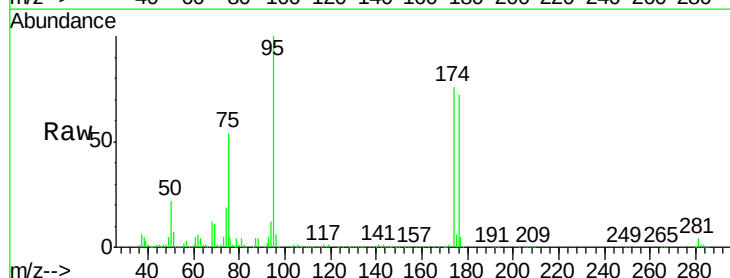
Tgt Ion: 95 Resp: 280617

Ion Ratio Lower Upper

95 100

174 76.9 0.0 151.4

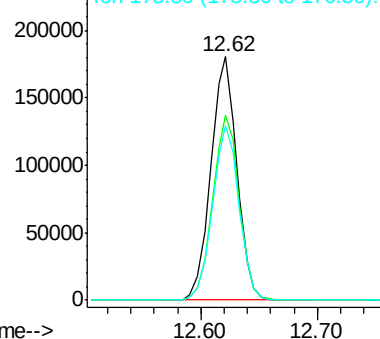
176 72.6 0.0 146.2



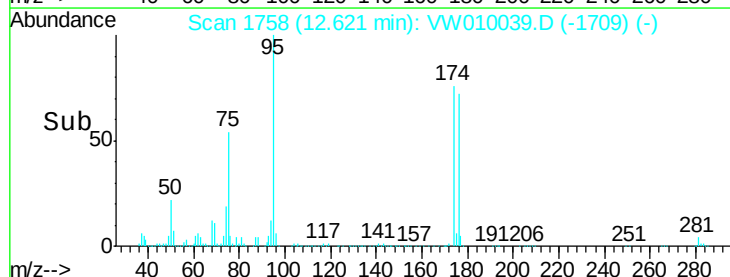
Abundance Ion 94.90 (94.60 to 95.60): VW

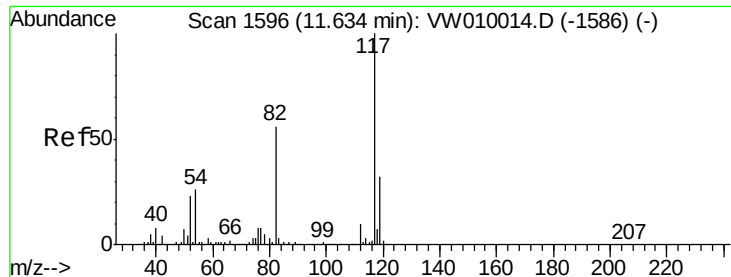
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.60 12.70

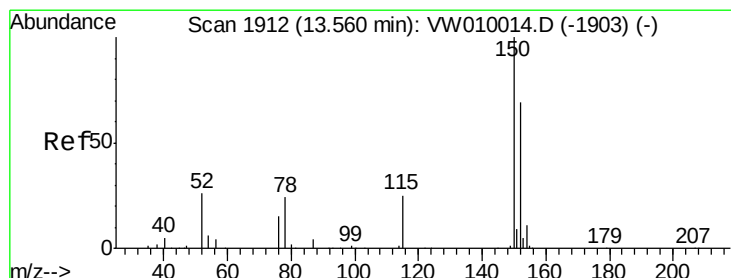
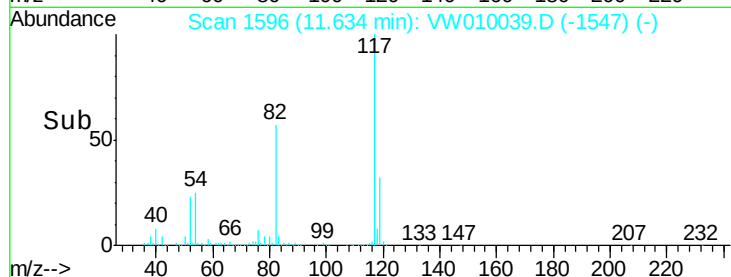
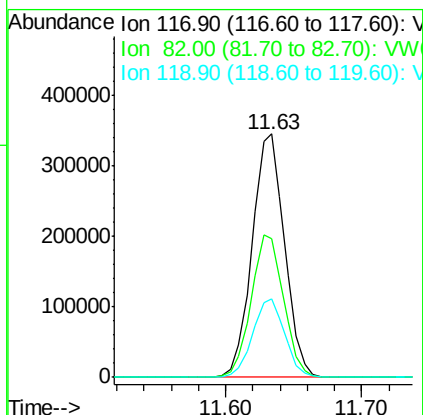
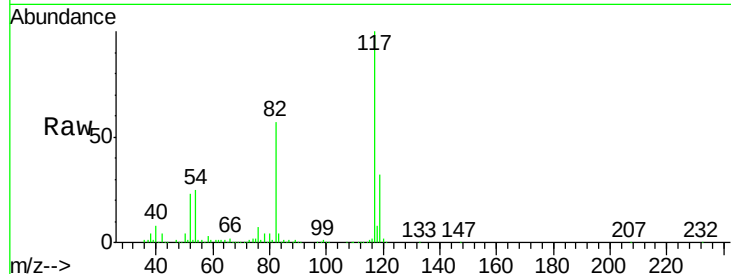




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010039.D
Acq: 18 Apr 2019 12:15

Instrument :
MSVOA_W
ClientSampleId :
VW0418SBL01

Tot Ion:117 Resp: 577739
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010039.D
Acq: 18 Apr 2019 12:15

Tgt Ion:152 Resp: 270969
Ion Ratio Lower Upper
152 100
115 59.7 30.4 91.2
150 156.3 0.0 347.0

