

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101618\
 Data File : VW006095.D
 Acq On : 17 Oct 2018 00:29
 Operator : VA/AP
 Sample : VW1016SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1016SBL02

Quant Time: Oct 17 02:08:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	182082	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	106391	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.89	113	106788	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.33	98	402623	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.62	95	146694	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

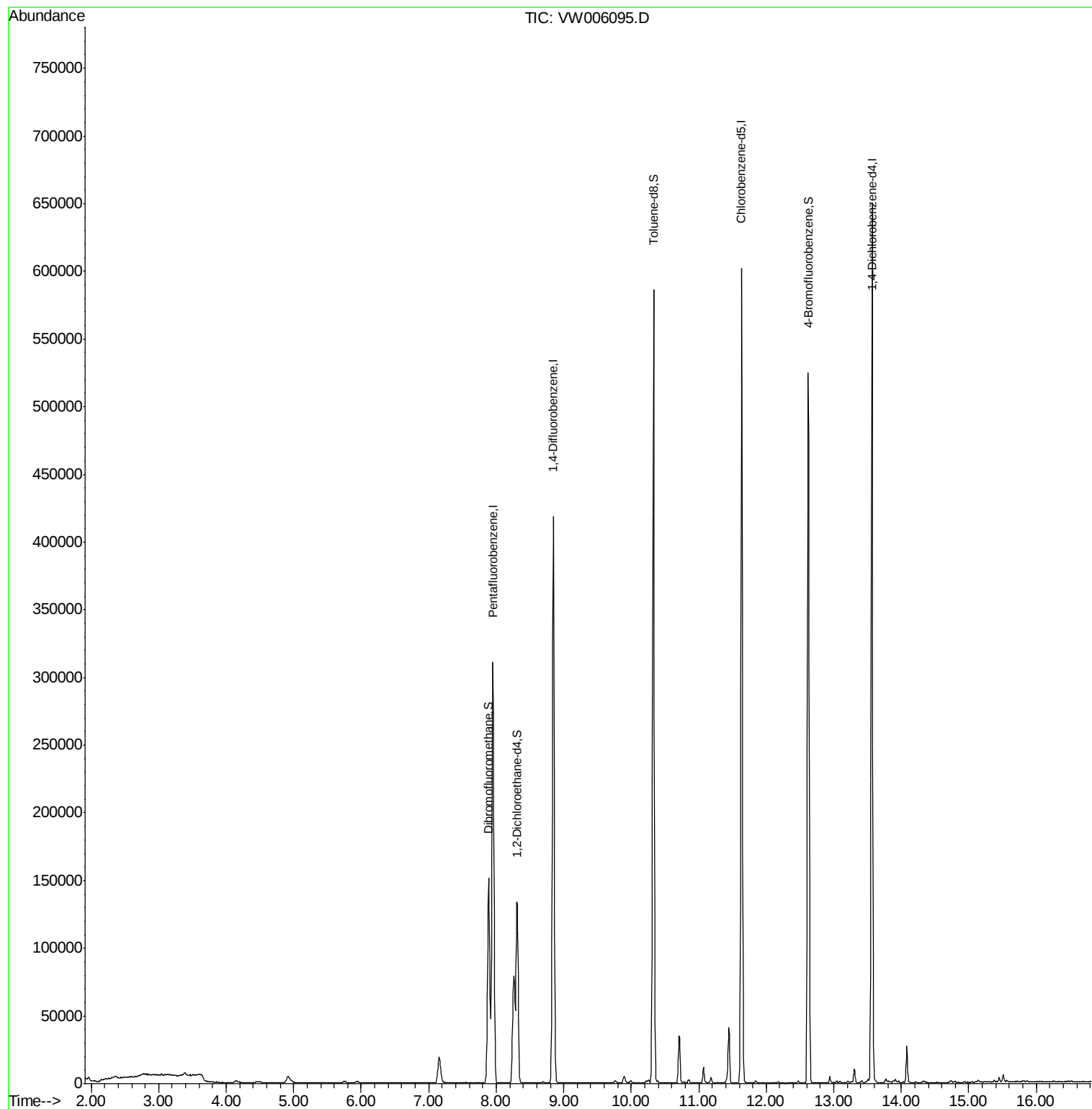
Target Compounds	Qvalue
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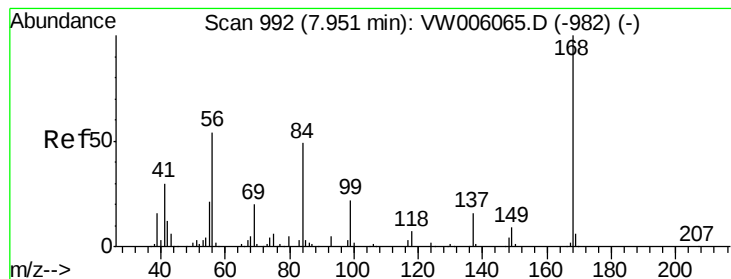
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006095.D

Acq: 17 Oct 2018 00:29

Instrument :

MSVOA_W

ClientSampleId :

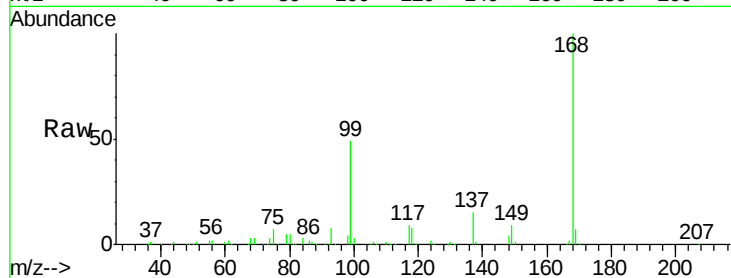
VW1016SBL02

Tgt Ion:168 Resp: 249640

Ion Ratio Lower Upper

168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

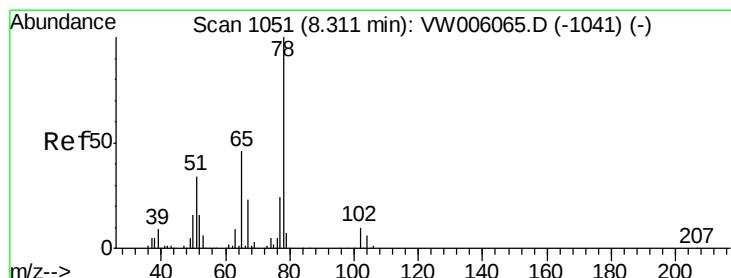
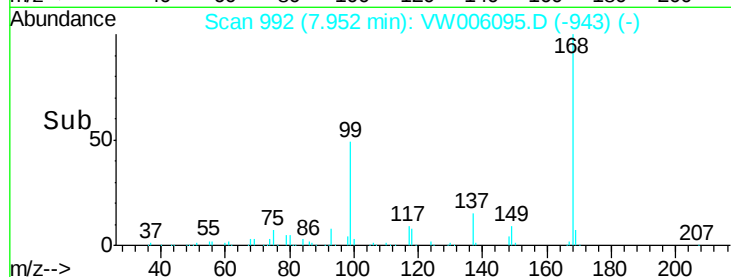
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.405 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006095.D

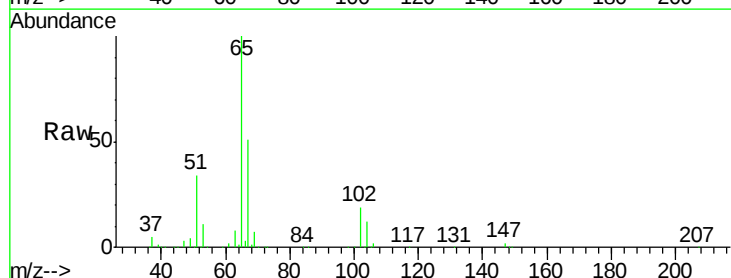
Acq: 17 Oct 2018 00:29

Tgt Ion: 65 Resp: 106391

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

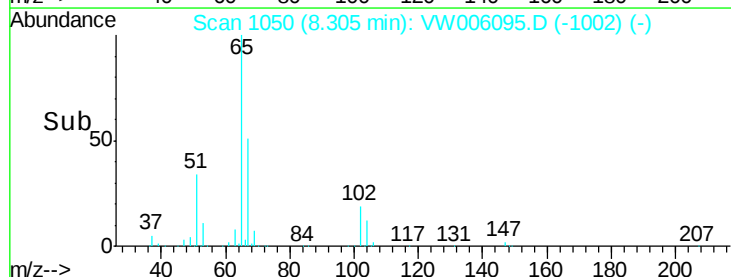
20000

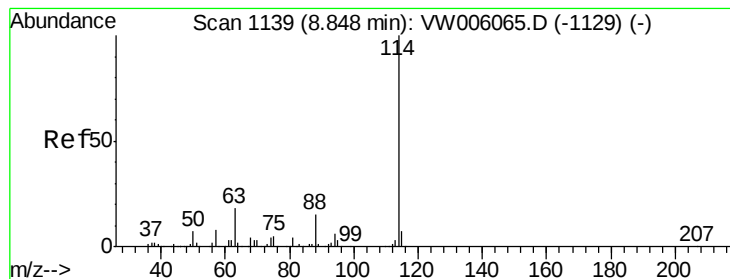
10000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006095.D

Acq: 17 Oct 2018 00:29

Instrument :

MSVOA_W

ClientSampleId :

VW1016SBL02

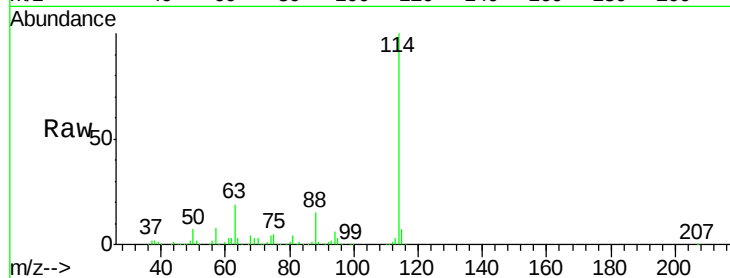
Tgt Ion:114 Resp: 367420

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

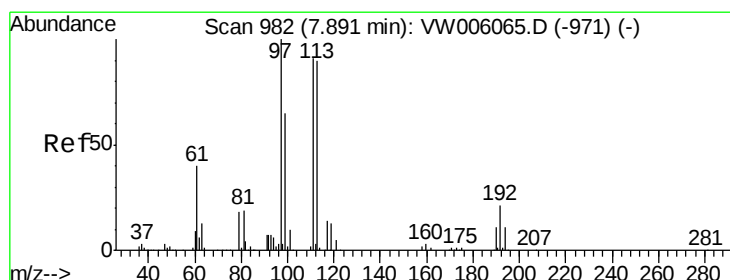
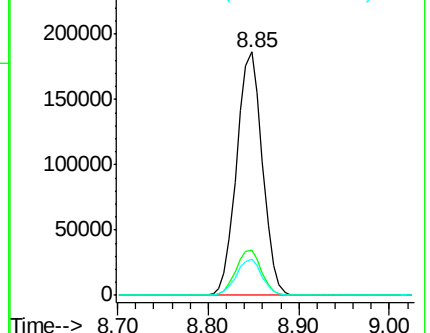
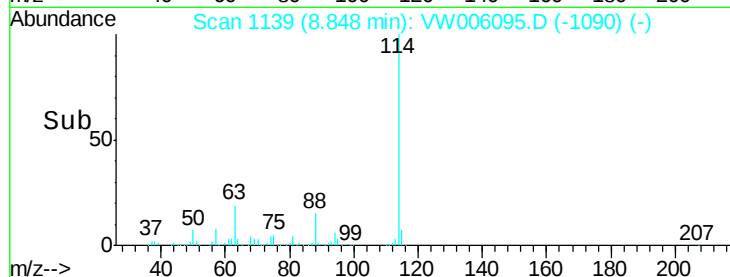
88 15.0 0.0 29.0



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: 49.187 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006095.D

Acq: 17 Oct 2018 00:29

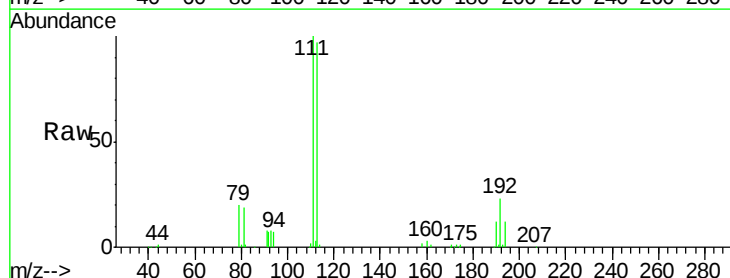
Tgt Ion:113 Resp: 106788

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

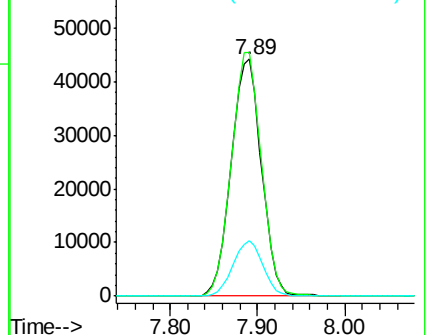
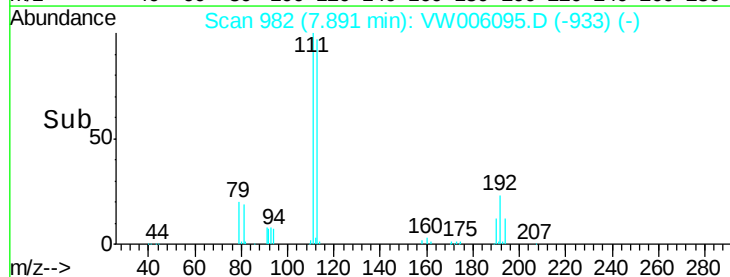
192 23.0 18.7 28.1

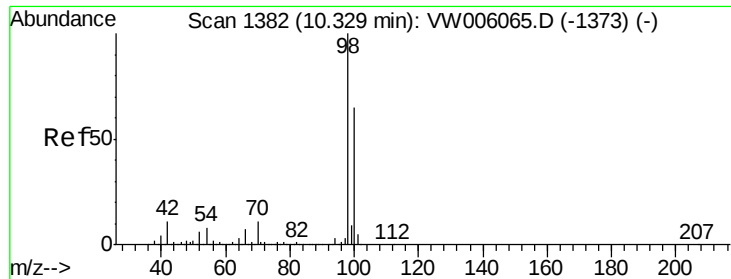


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.745 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006095.D

Acq: 17 Oct 2018 00:29

Instrument :

MSVOA_W

ClientSampleId :

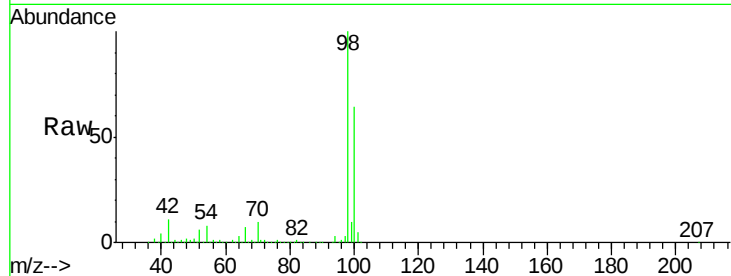
VW1016SBL02

Tgt Ion: 98 Resp: 402623

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

250000

200000

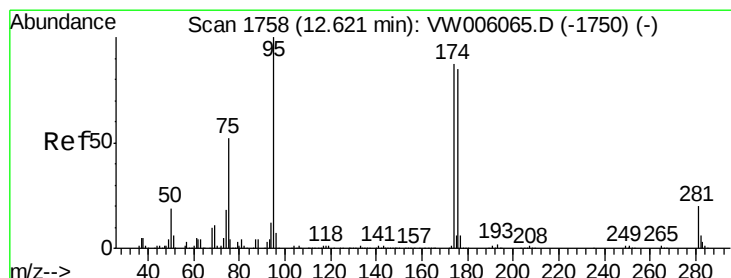
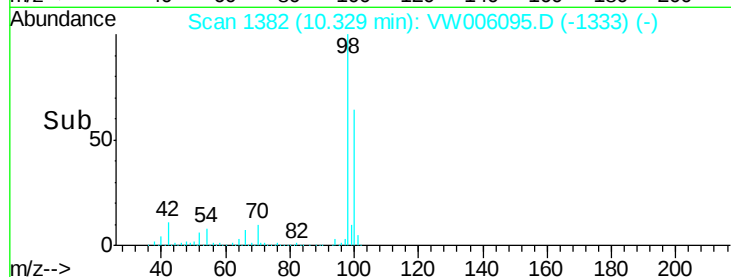
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.286 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006095.D

Acq: 17 Oct 2018 00:29

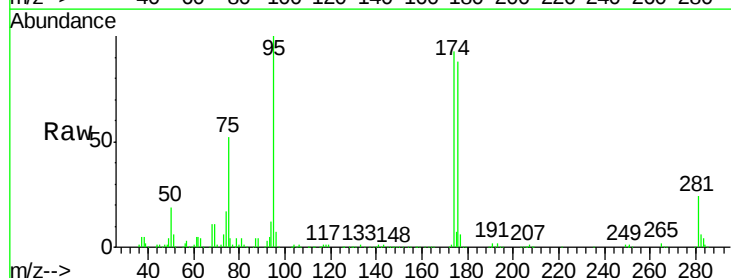
Tgt Ion: 95 Resp: 146694

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.0

176 92.5 0.0 181.6



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

12.62

120000

100000

80000

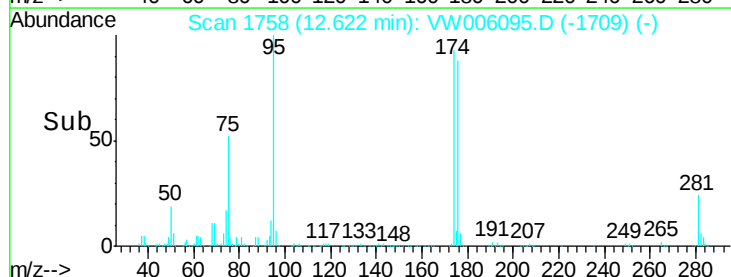
60000

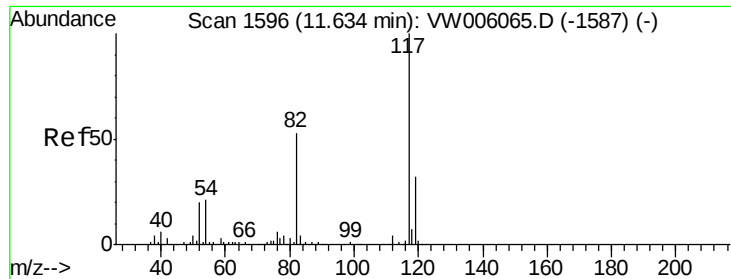
40000

20000

0

Time--> 12.60 12.70

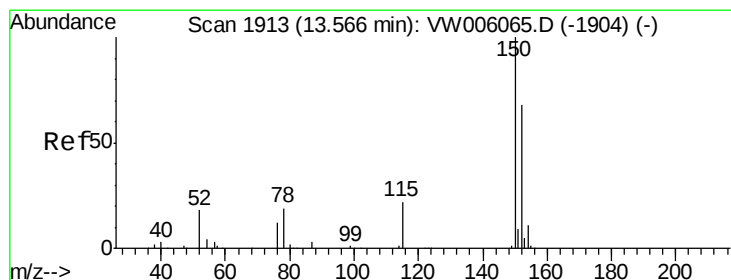
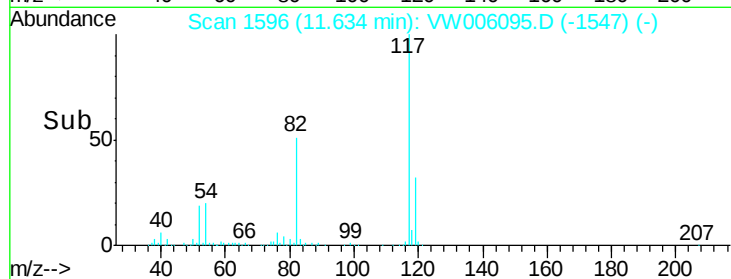
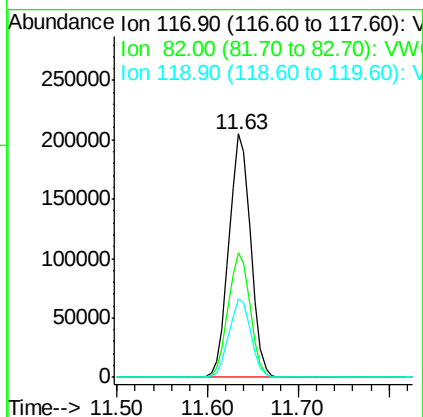
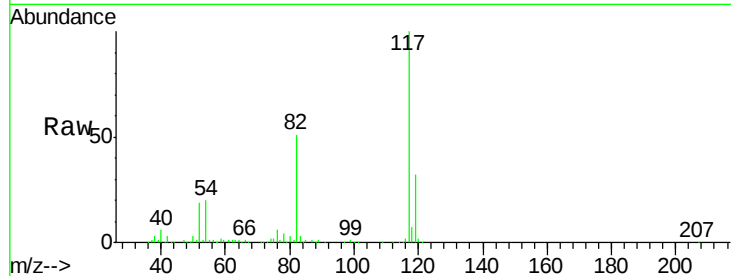




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006095.D
Acq: 17 Oct 2018 00:29

Instrument :
MSVOA_W
ClientSampleId :
VW1016SBL02

Tgt Ion:117 Resp: 340536
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006095.D
Acq: 17 Oct 2018 00:29

Tgt Ion:152 Resp: 182082
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 156.5 0.0 349.2

