

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006822.D
 Acq On : 12 Nov 2018 23:20
 Operator : SY/AP
 Sample : VW1112SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1112SBL02

Quant Time: Nov 13 03:21:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195787	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104273	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	7.89	113	106496	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	423973	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.62	95	153710	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

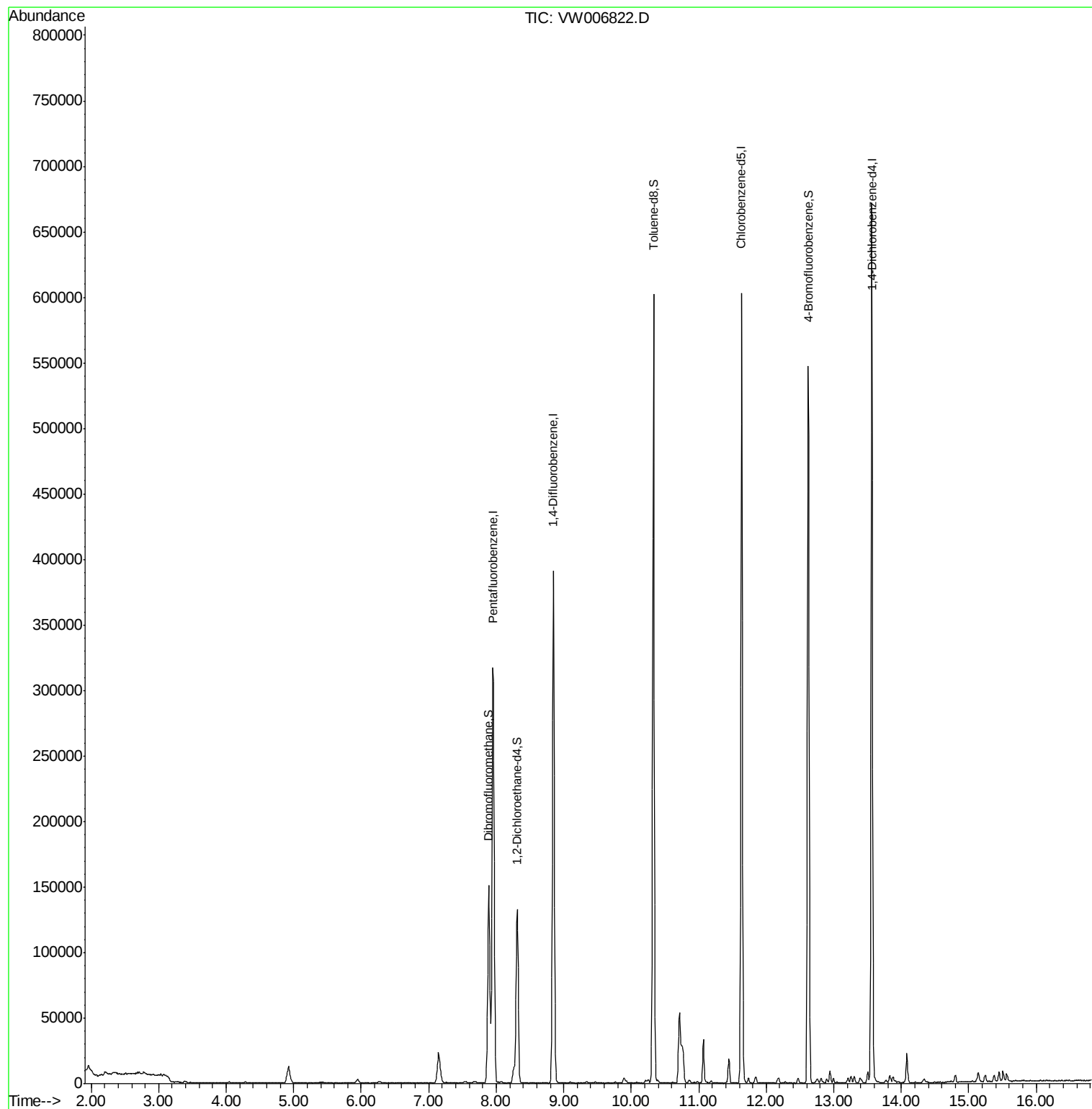
Target Compounds	Qvalue

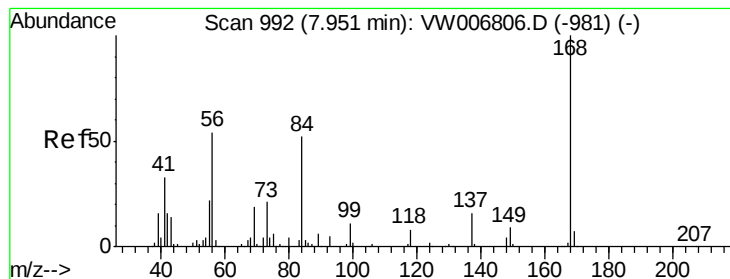
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006822.D

Acq: 12 Nov 2018 23:20

Instrument :

MSVOA_W

ClientSampleId :

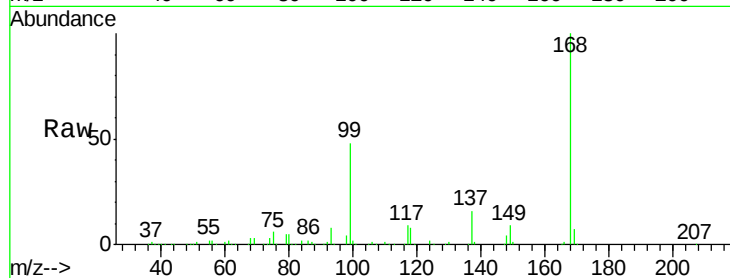
VW1112SBL02

Tgt Ion:168 Resp: 265049

Ion Ratio Lower Upper

168 100

99 48.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

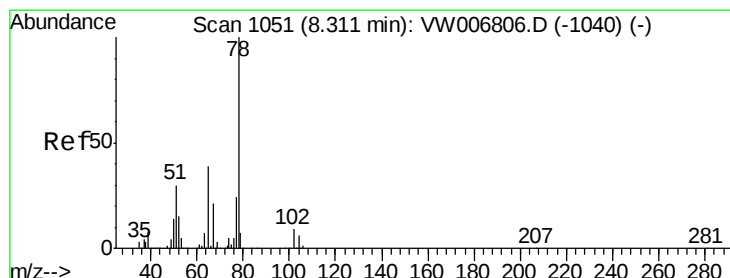
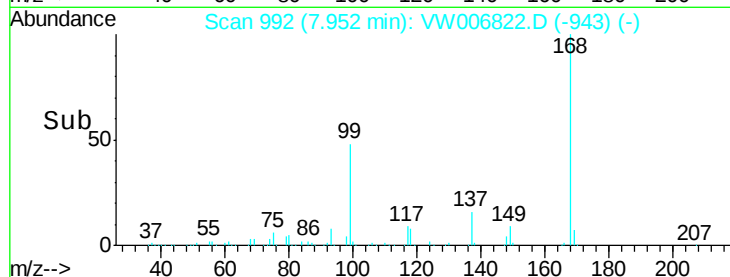
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.816 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006822.D

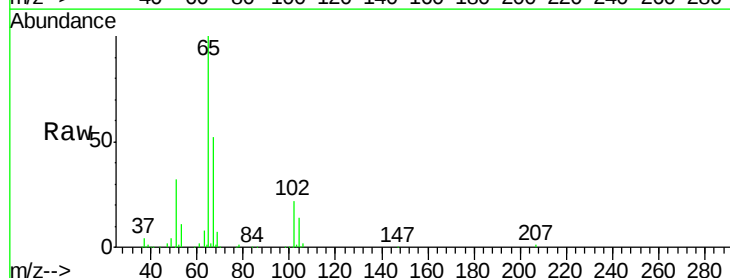
Acq: 12 Nov 2018 23:20

Tgt Ion: 65 Resp: 104273

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

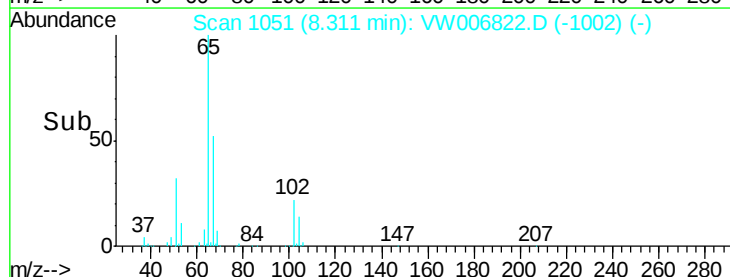
30000

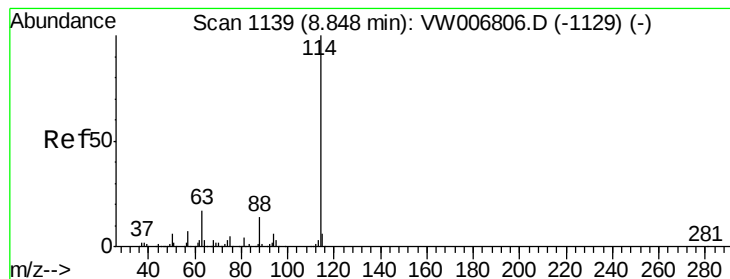
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006822.D

Acq: 12 Nov 2018 23:20

Instrument :

MSVOA_W

ClientSampleId :

VW1112SBL02

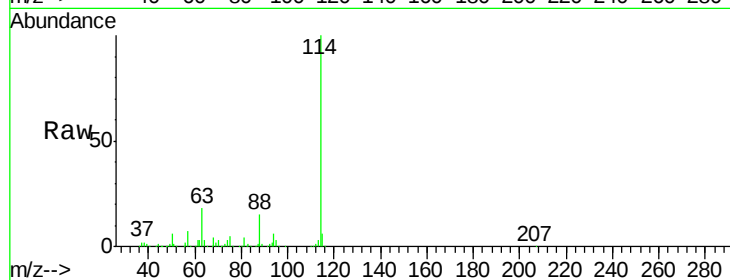
Tgt Ion:114 Resp: 358127

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.6

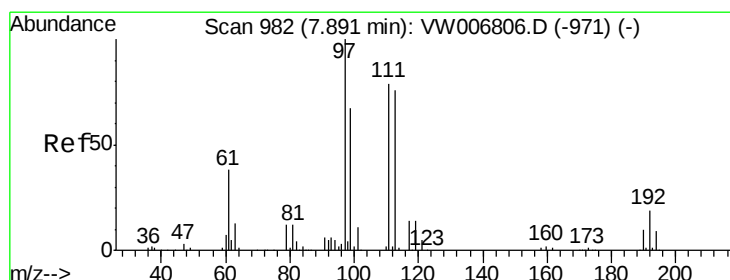
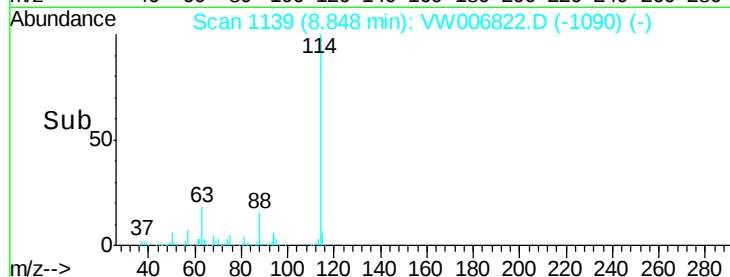
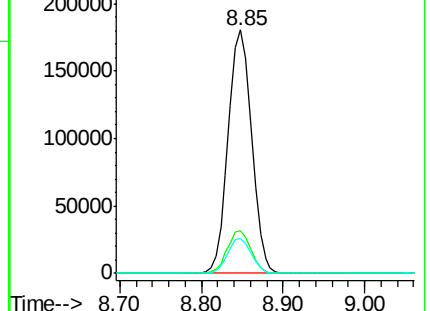
88 14.6 0.0 28.4



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: 49.938 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006822.D

Acq: 12 Nov 2018 23:20

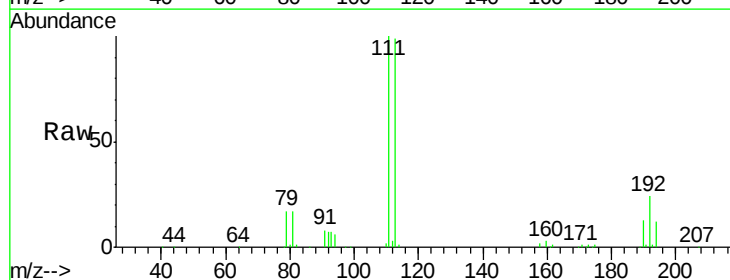
Tgt Ion:113 Resp: 106496

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

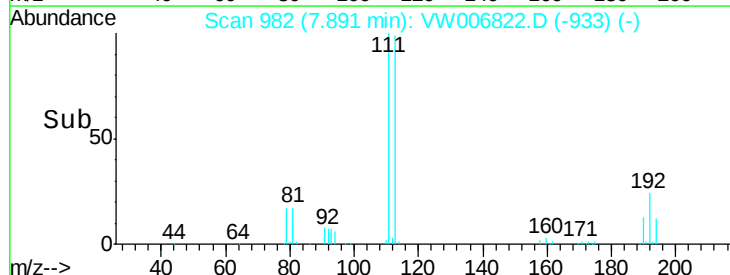
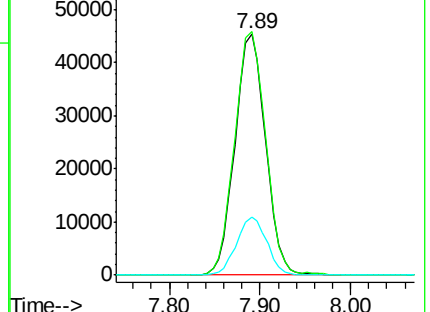
192 23.7 19.0 28.6

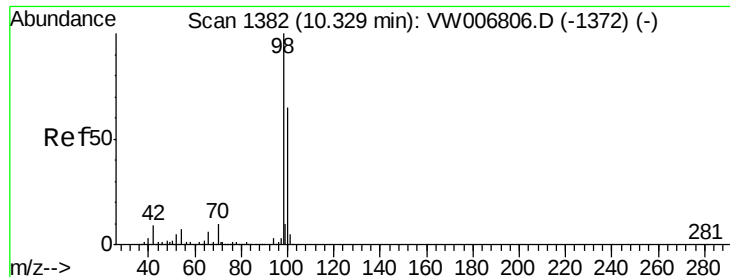


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.966 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006822.D

Acq: 12 Nov 2018 23:20

Instrument :

MSVOA_W

ClientSampleId :

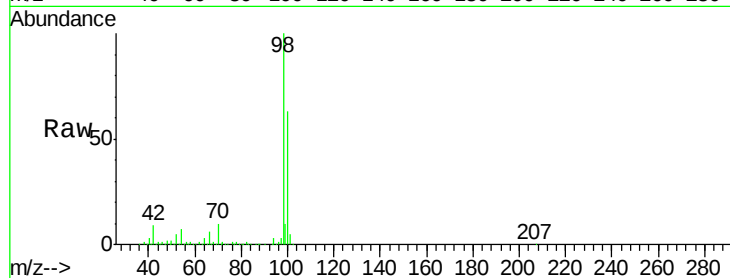
VW1112SBL02

Tgt Ion: 98 Resp: 423973

Ion Ratio Lower Upper

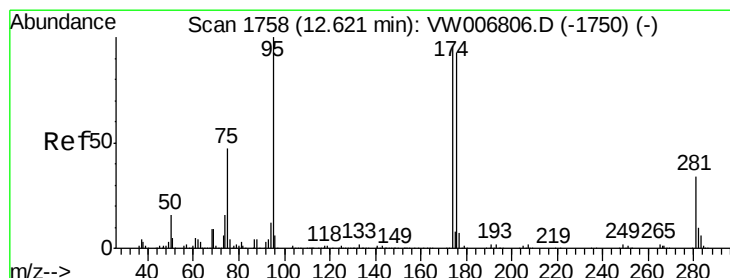
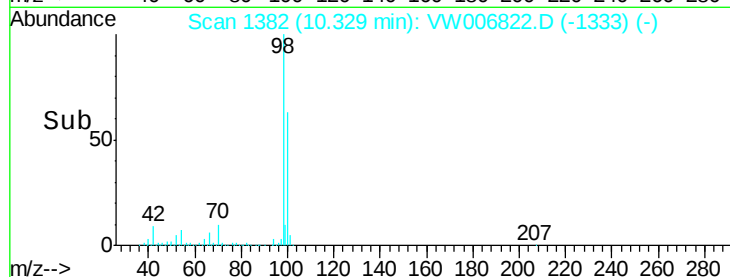
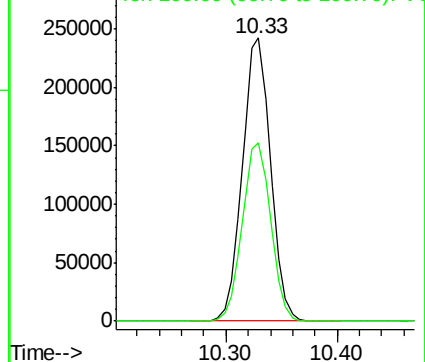
98 100

100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.215 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006822.D

Acq: 12 Nov 2018 23:20

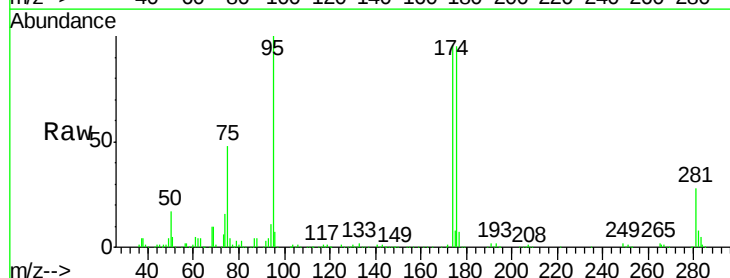
Tgt Ion: 95 Resp: 153710

Ion Ratio Lower Upper

95 100

174 98.4 0.0 196.6

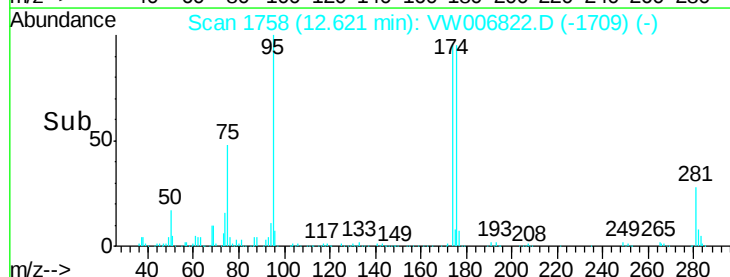
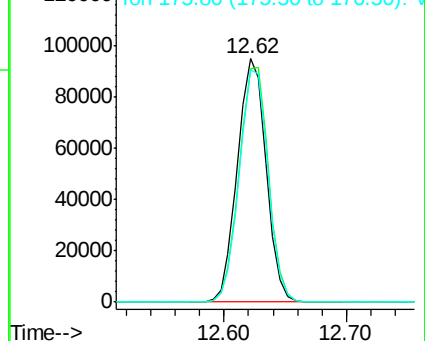
176 95.7 0.0 191.6

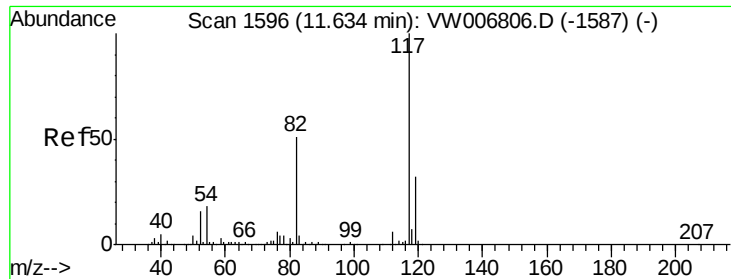


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

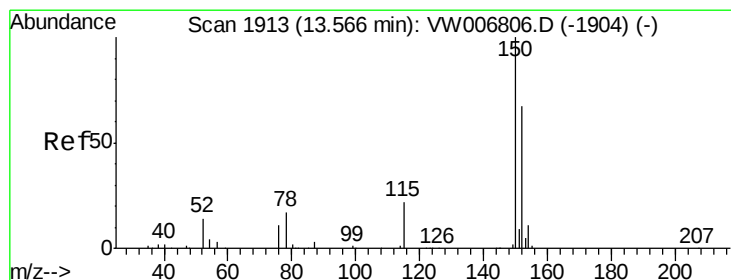
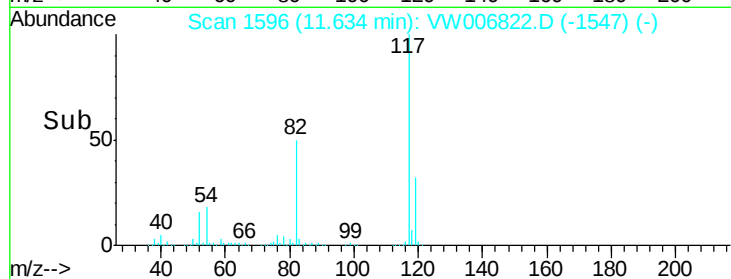
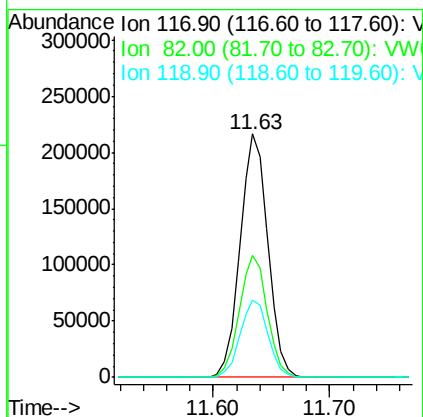
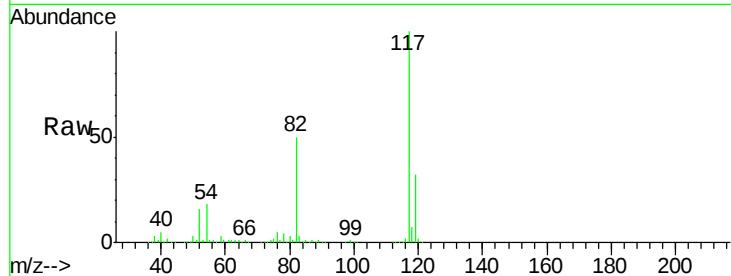




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006822.D
Acq: 12 Nov 2018 23:20

Instrument :
MSVOA_W
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VW1112SBL02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.6	61.0
119	31.8	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006822.D
Acq: 12 Nov 2018 23:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.3	81.8
150	156.0	0.0	353.0

