

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008701.D
 Acq On : 16 Feb 2019 00:23
 Operator : SY/VA
 Sample : VW0215SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0215SBL02

Quant Time: Feb 16 03:18:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	384091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	588577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	508596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	246718	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	206984	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
35) Dibromofluoromethane	7.88	113	182861	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	10.32	98	704916	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.62	95	238541	44.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.90%	

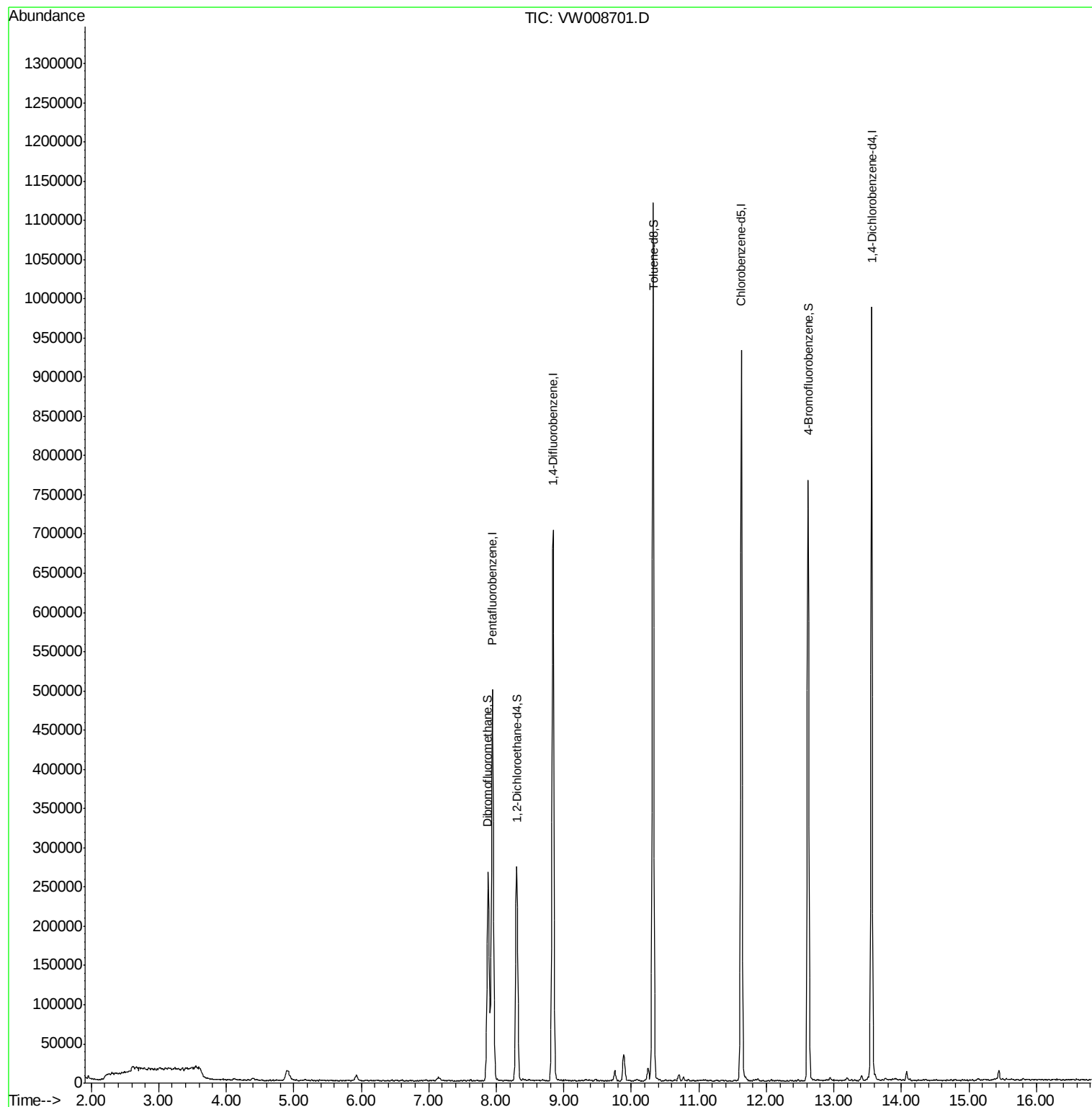
Target Compounds	Qvalue

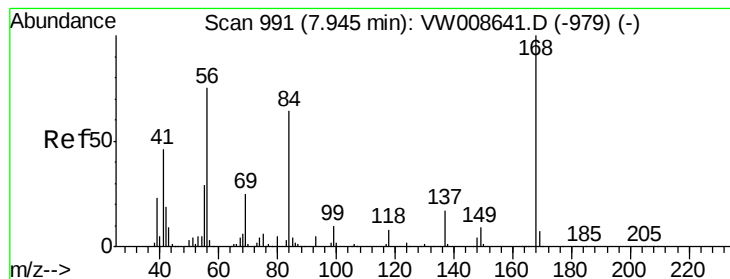
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
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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: VW008701.D

Acq: 16 Feb 2019 00:23

Instrument :

MSVOA_W

ClientSampleId :

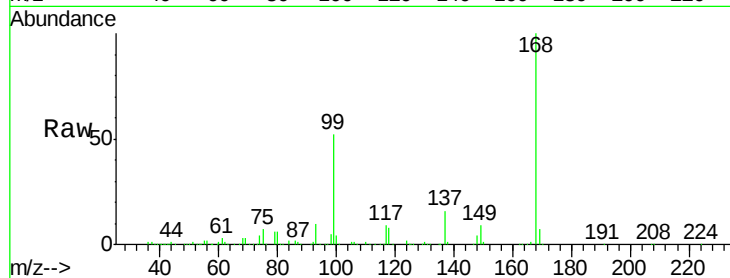
VW0215SBL02

Tot Ion:168 Resp: 384091

Ion Ratio Lower Upper

168 100

99 52.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

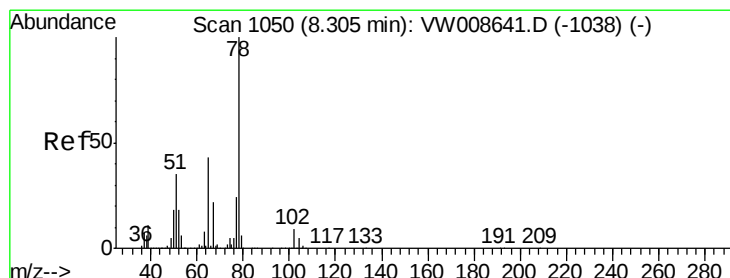
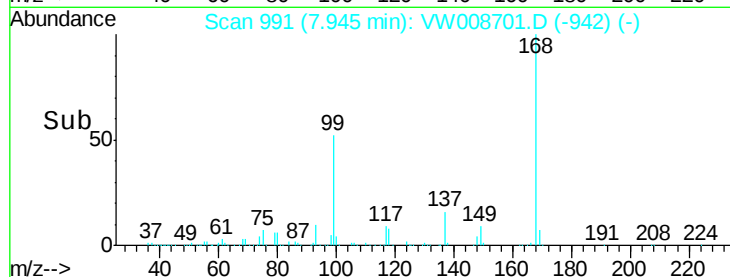
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 51.835 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008701.D

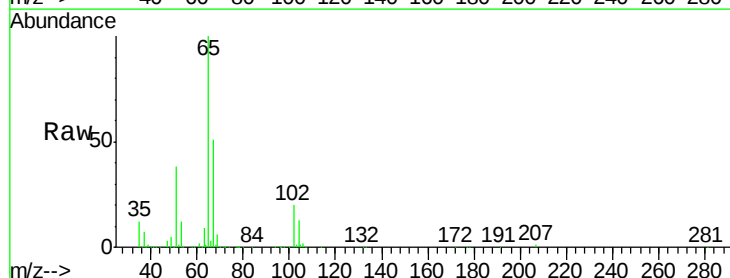
Acq: 16 Feb 2019 00:23

Tgt Ion: 65 Resp: 206984

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

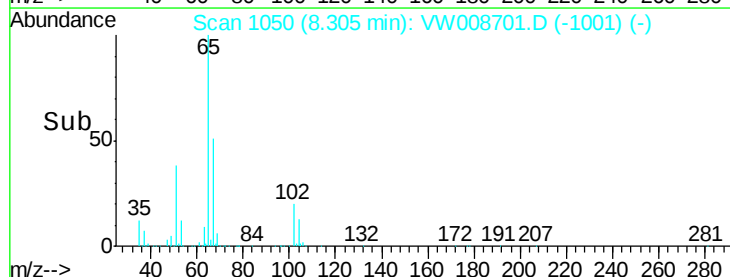
60000

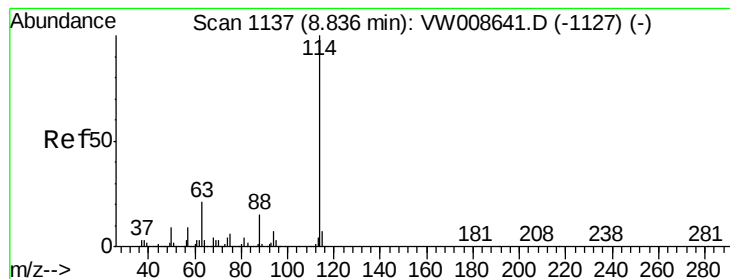
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008701.D

Acq: 16 Feb 2019 00:23

Instrument :

MSVOA_W

ClientSampleId :

VW0215SBL02

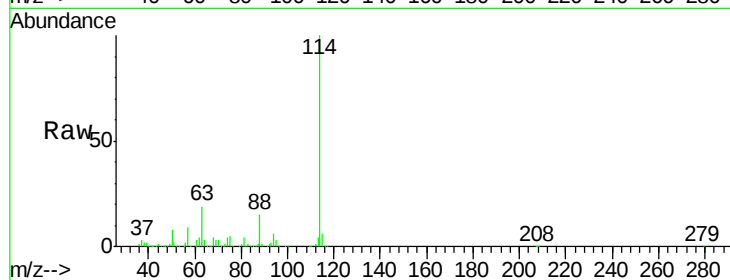
Tot Ion:114 Resp: 588577

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.2

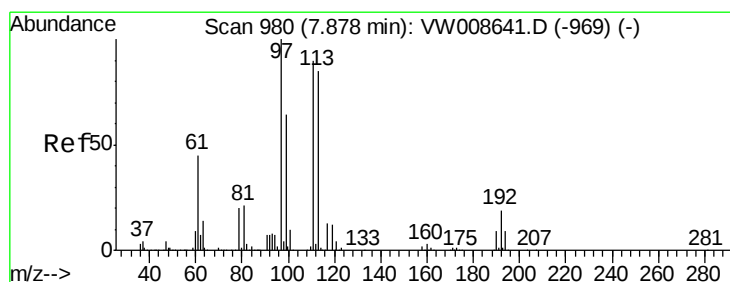
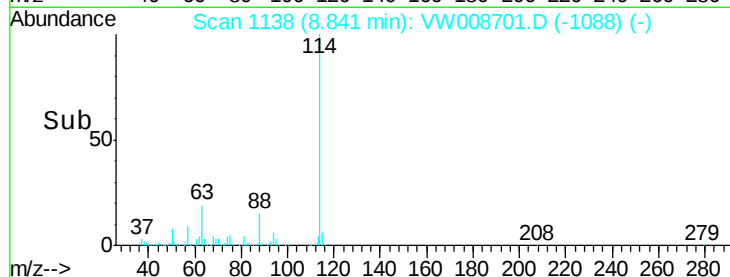
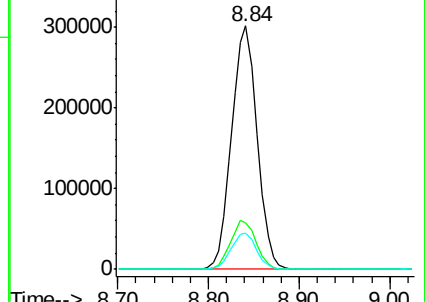
88 15.1 0.0 29.6



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: 50.035 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW008701.D

Acq: 16 Feb 2019 00:23

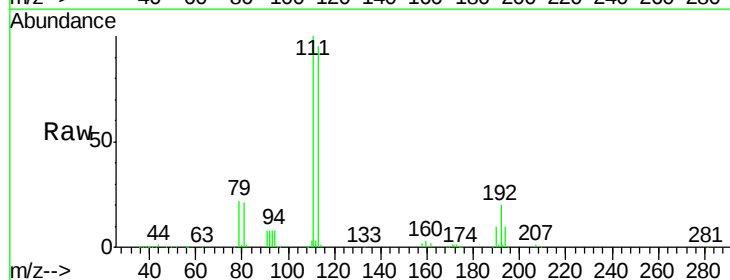
Tgt Ion:113 Resp: 182861

Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

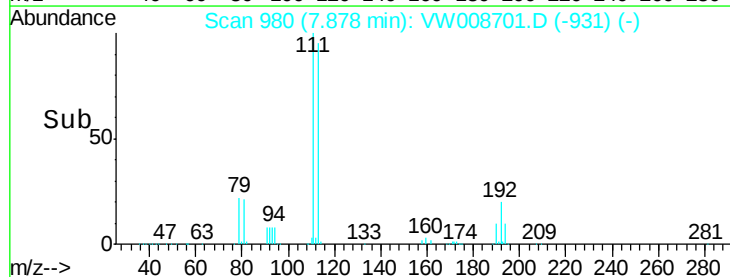
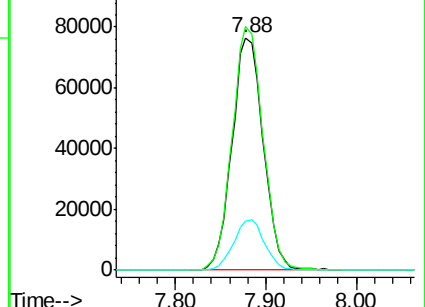
192 21.4 17.4 26.2

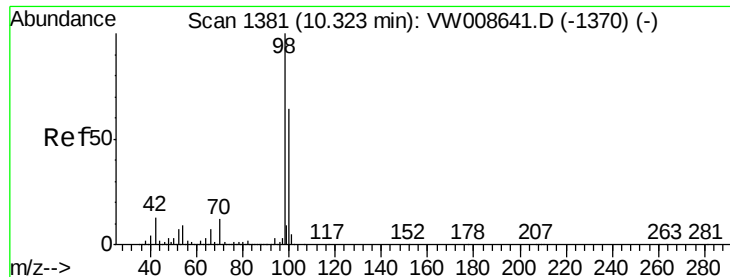


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.035 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008701.D

Acq: 16 Feb 2019 00:23

Instrument :

MSVOA_W

ClientSampleId :

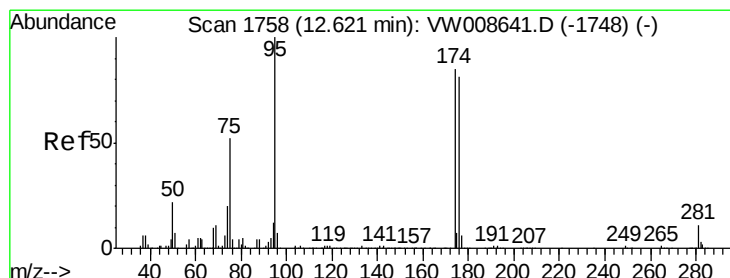
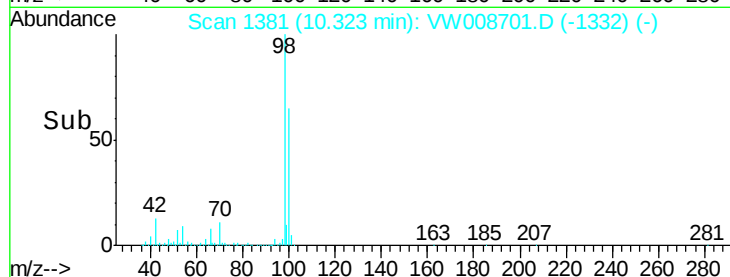
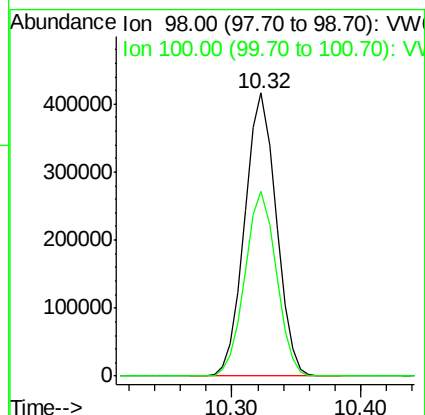
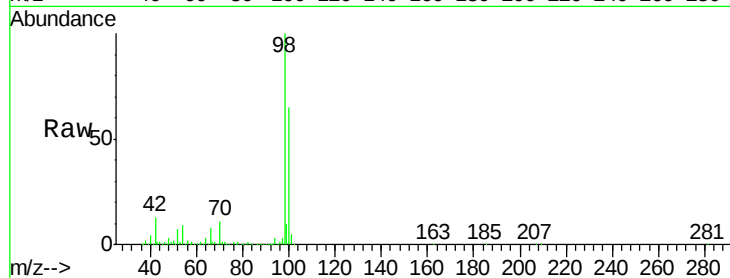
VW0215SBL02

Tot Ion: 98 Resp: 704916

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.952 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008701.D

Acq: 16 Feb 2019 00:23

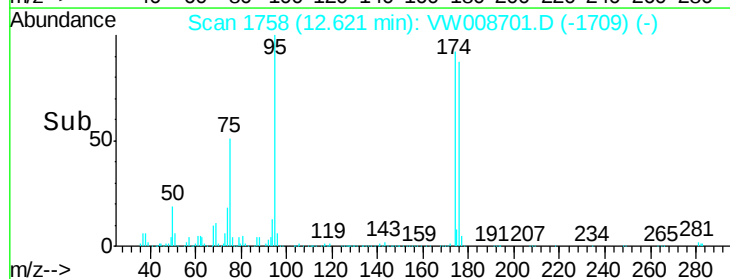
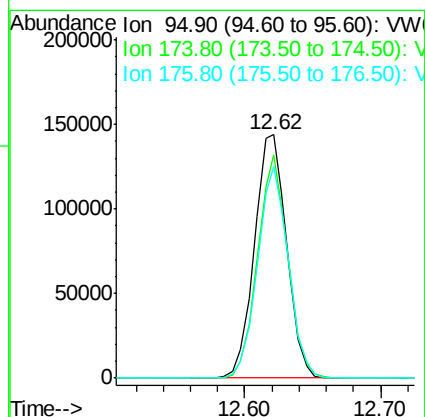
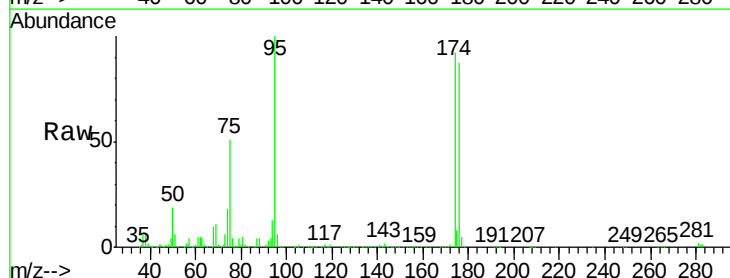
Tgt Ion: 95 Resp: 238541

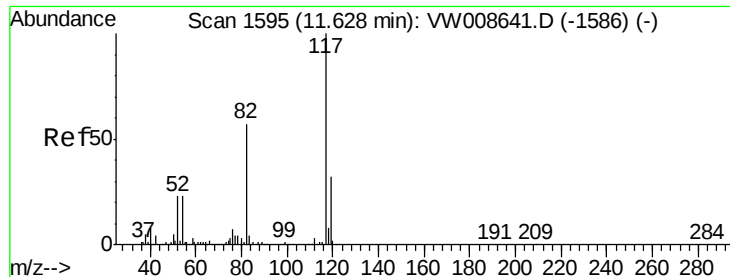
Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.2

176 83.3 0.0 158.0

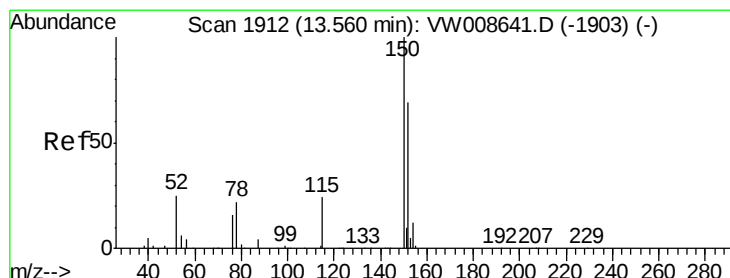
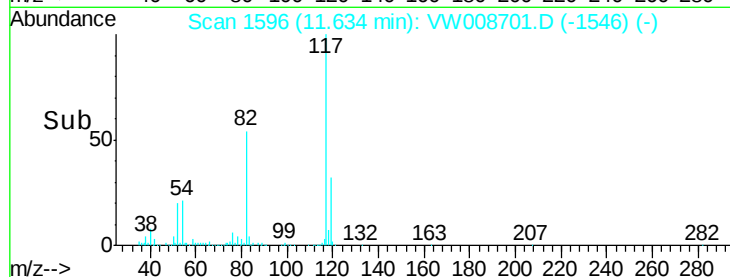
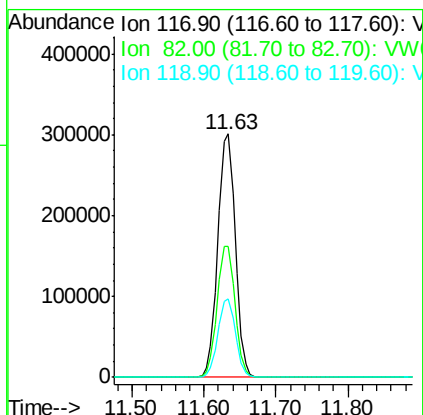
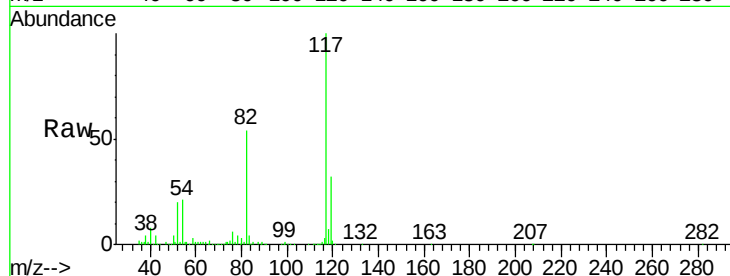




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008701.D
Acq: 16 Feb 2019 00:23

Instrument :
MSVOA_W
ClientSampleId :
VW0215SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.6	68.4
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008701.D
Acq: 16 Feb 2019 00:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.3	87.8
150	157.3	0.0	352.8

