

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013238.D
 Acq On : 23 Sep 2019 18:14
 Operator : SY/VA
 Sample : K4957-01
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-38-16.5-17.0

Quant Time: Sep 24 07:50:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	349975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	522809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142863	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	7.88	113	144527	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.32	98	601544	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	183027	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	

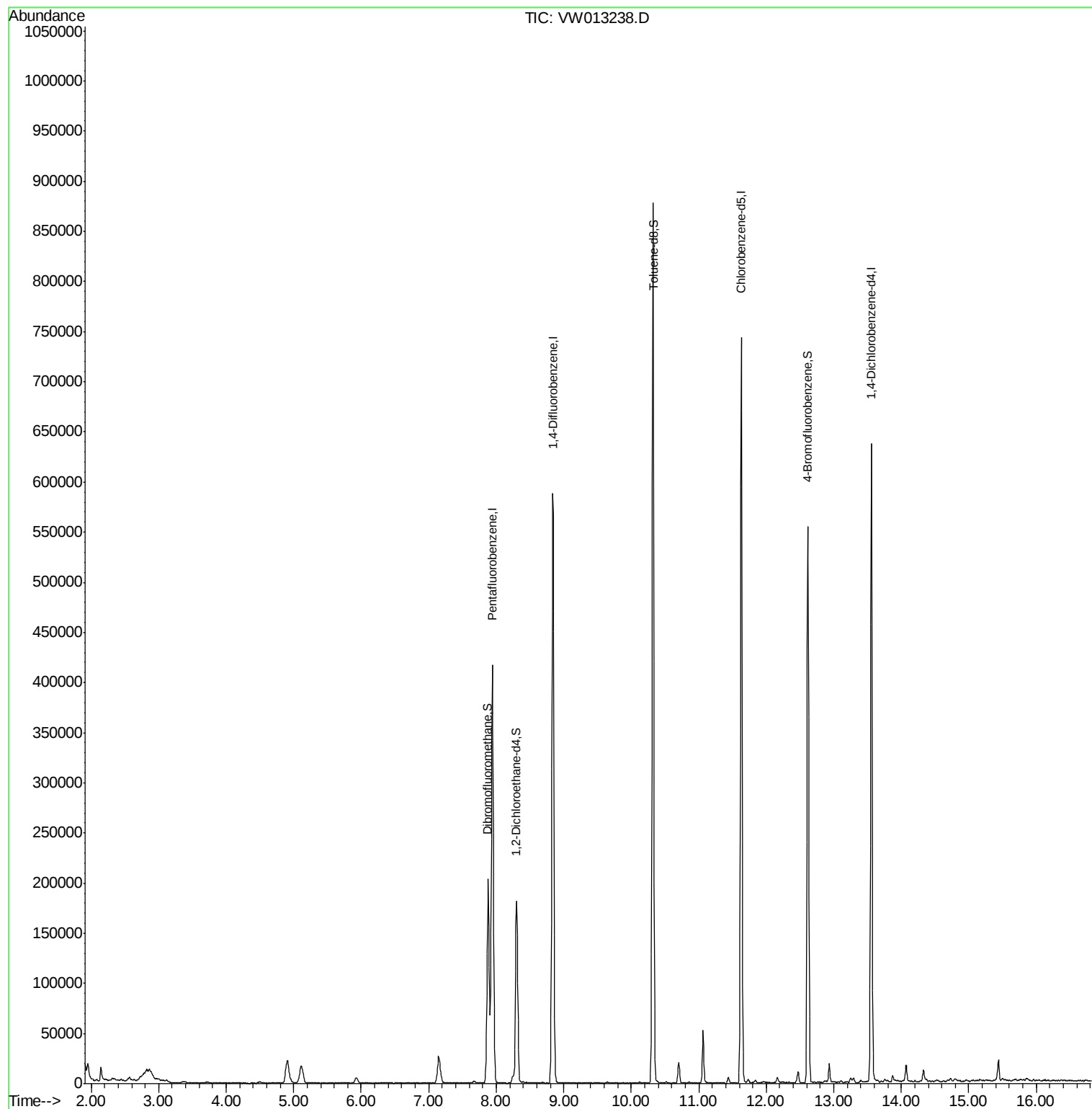
Target Compounds	Qvalue
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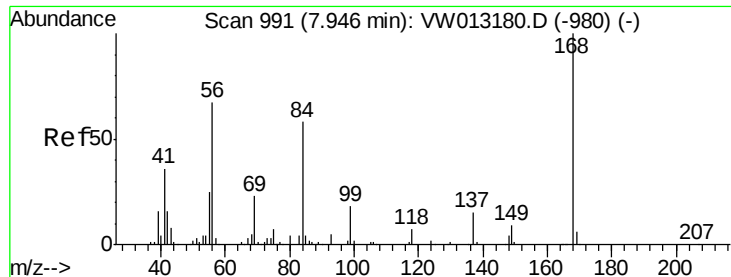
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
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QLast Update : Fri Sep 20 15:58:08 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: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

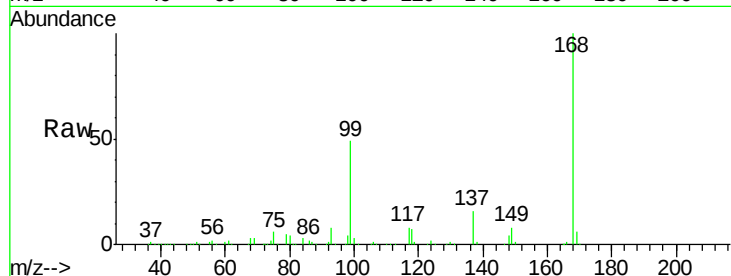
SB-38-16.5-17.0

Tot Ion:168 Resp: 349975

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

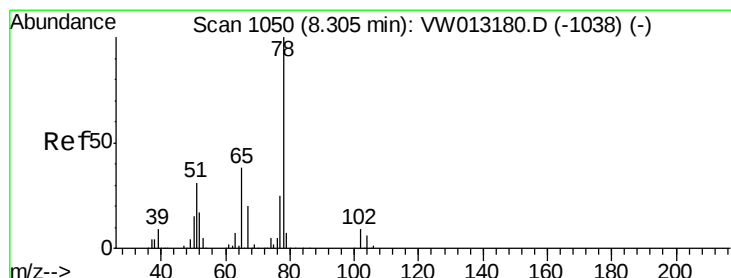
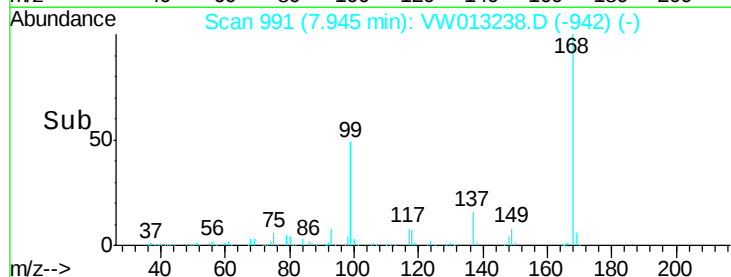
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013238.D

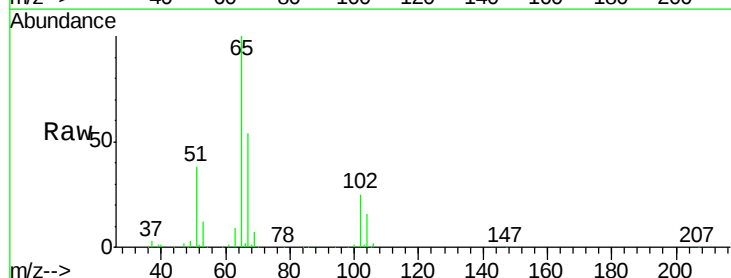
Acq: 23 Sep 2019 18:14

Tgt Ion: 65 Resp: 142863

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

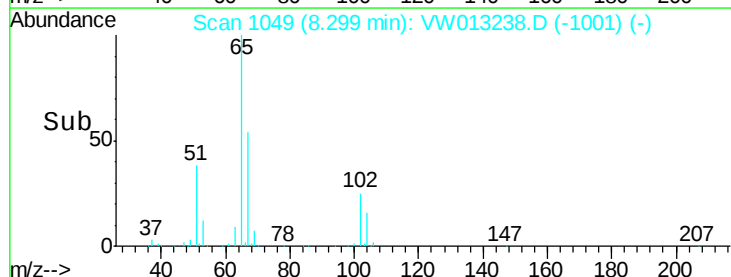
60000

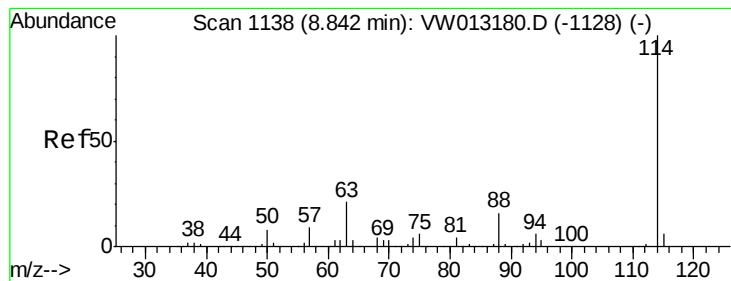
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

SB-38-16.5-17.0

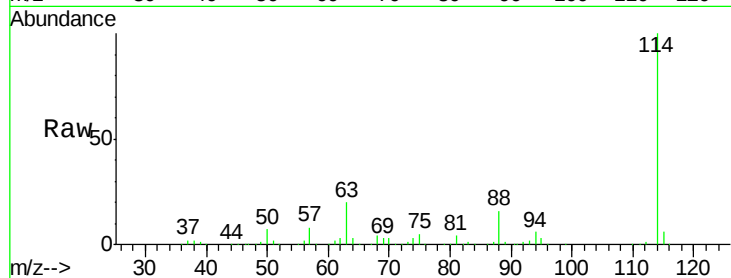
Tot Ion:114 Resp: 522809

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

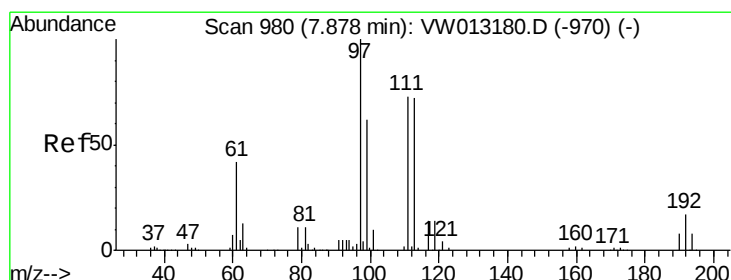
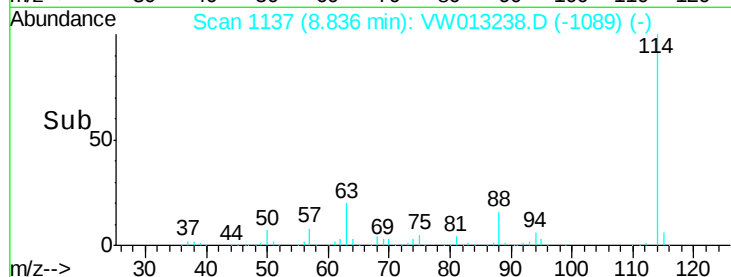
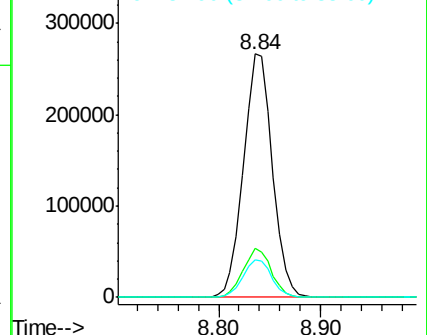
88 15.5 0.0 32.0



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: 50.262 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

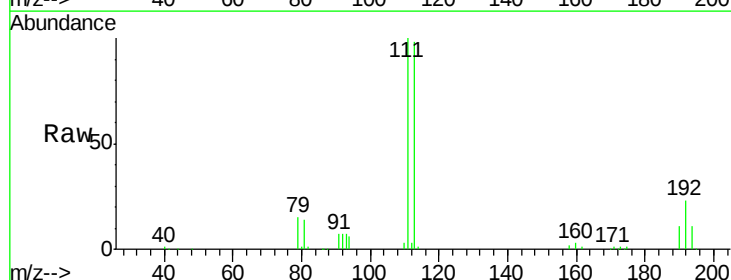
Tgt Ion:113 Resp: 144527

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

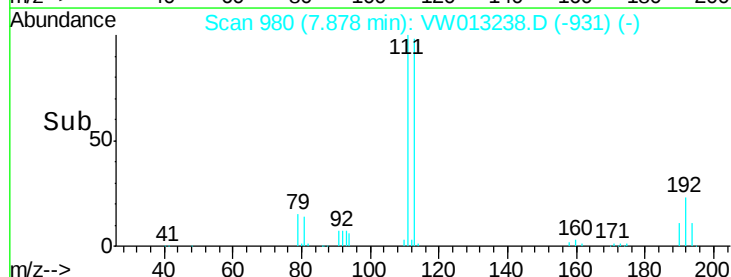
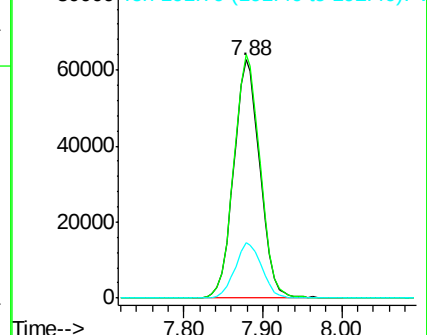
192 23.6 19.1 28.7

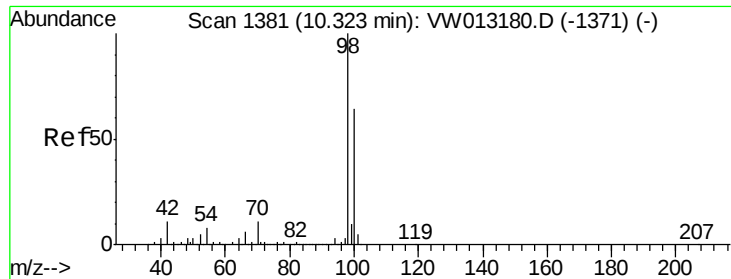


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.987 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

Instrument :

MSVOA_W

ClientSampleId :

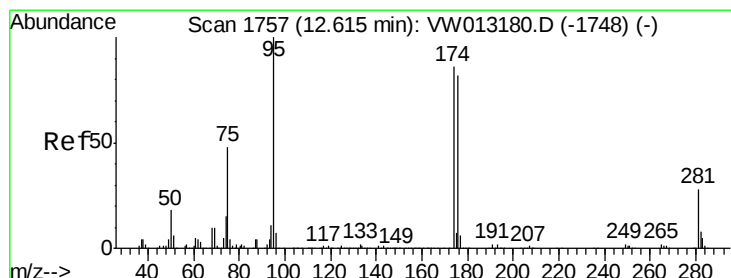
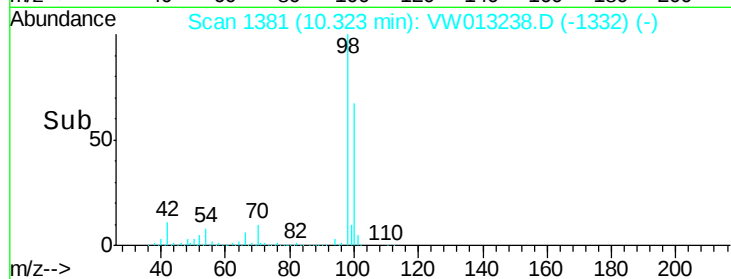
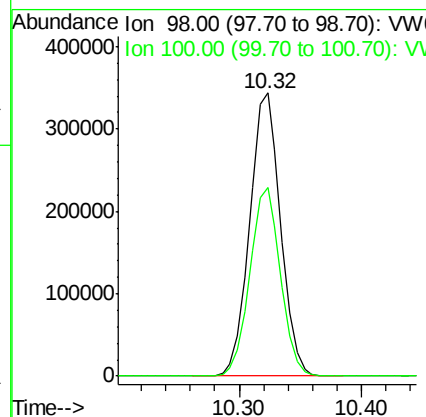
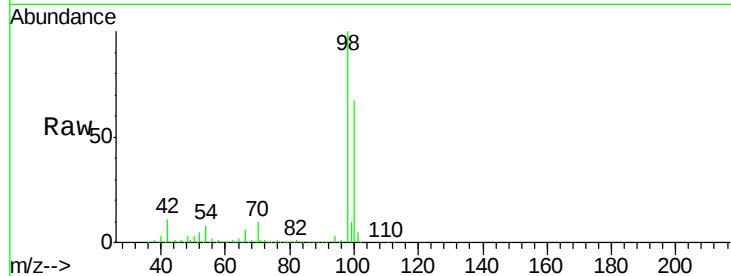
SB-38-16.5-17.0

Tot Ion: 98 Resp: 601544

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.524 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013238.D

Acq: 23 Sep 2019 18:14

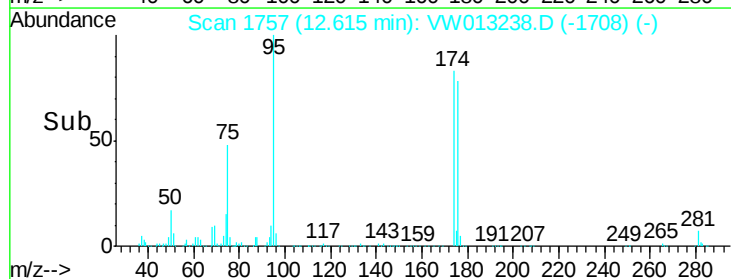
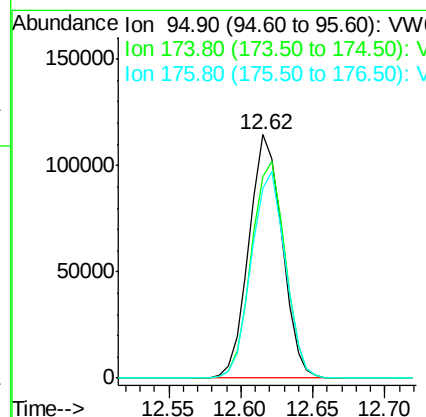
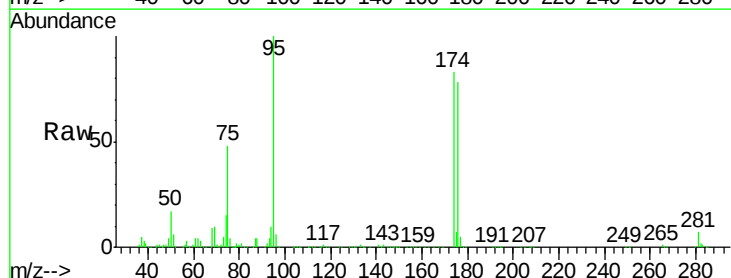
Tgt Ion: 95 Resp: 183027

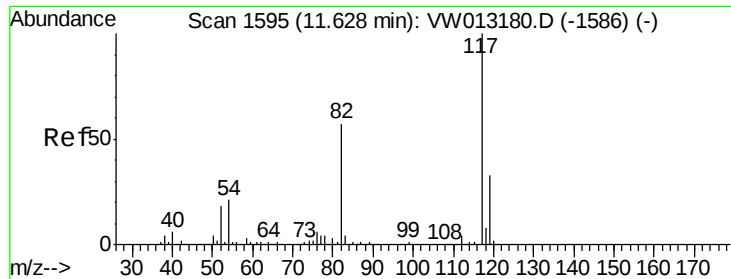
Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.4

176 86.6 0.0 172.2

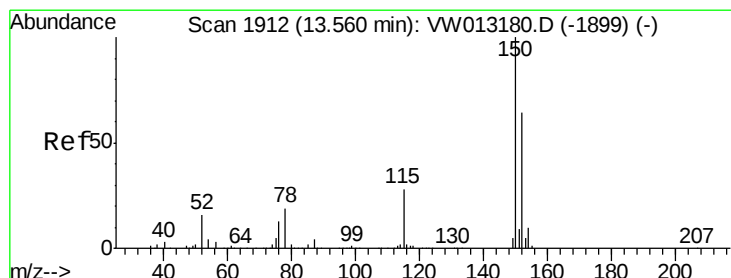
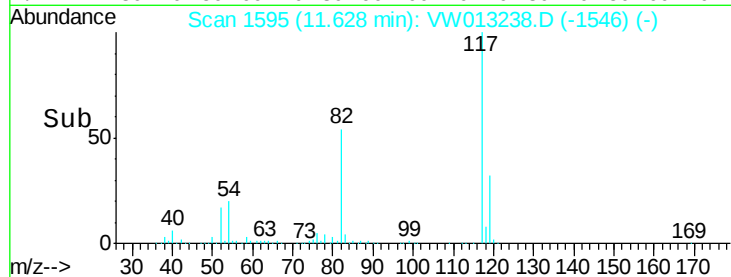
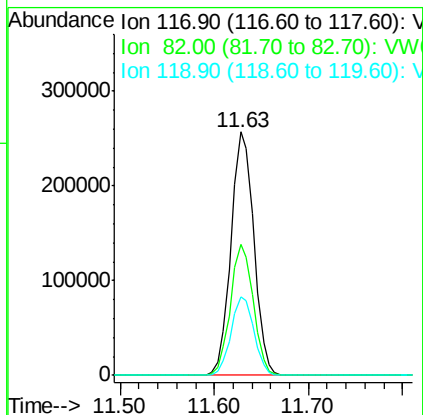
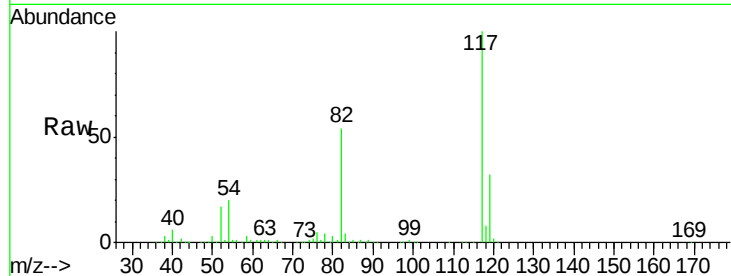




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013238.D
Acq: 23 Sep 2019 18:14

Instrument :
MSVOA_W
ClientSampleId :
SB-38-16.5-17.0

Tot Ion:117 Resp: 432977
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013238.D
Acq: 23 Sep 2019 18:14

Tgt Ion:152 Resp: 182450
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 158.4 0.0 349.0

