

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013260.D
 Acq On : 24 Sep 2019 05:56
 Operator : SY/VA
 Sample : K5010-04
 Misc : 6.92G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BSP-2

Quant Time: Sep 24 08:45:37 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	371986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	568526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	484889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	182708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160679	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.88	113	158630	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.32	98	676841	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.62	95	199469	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

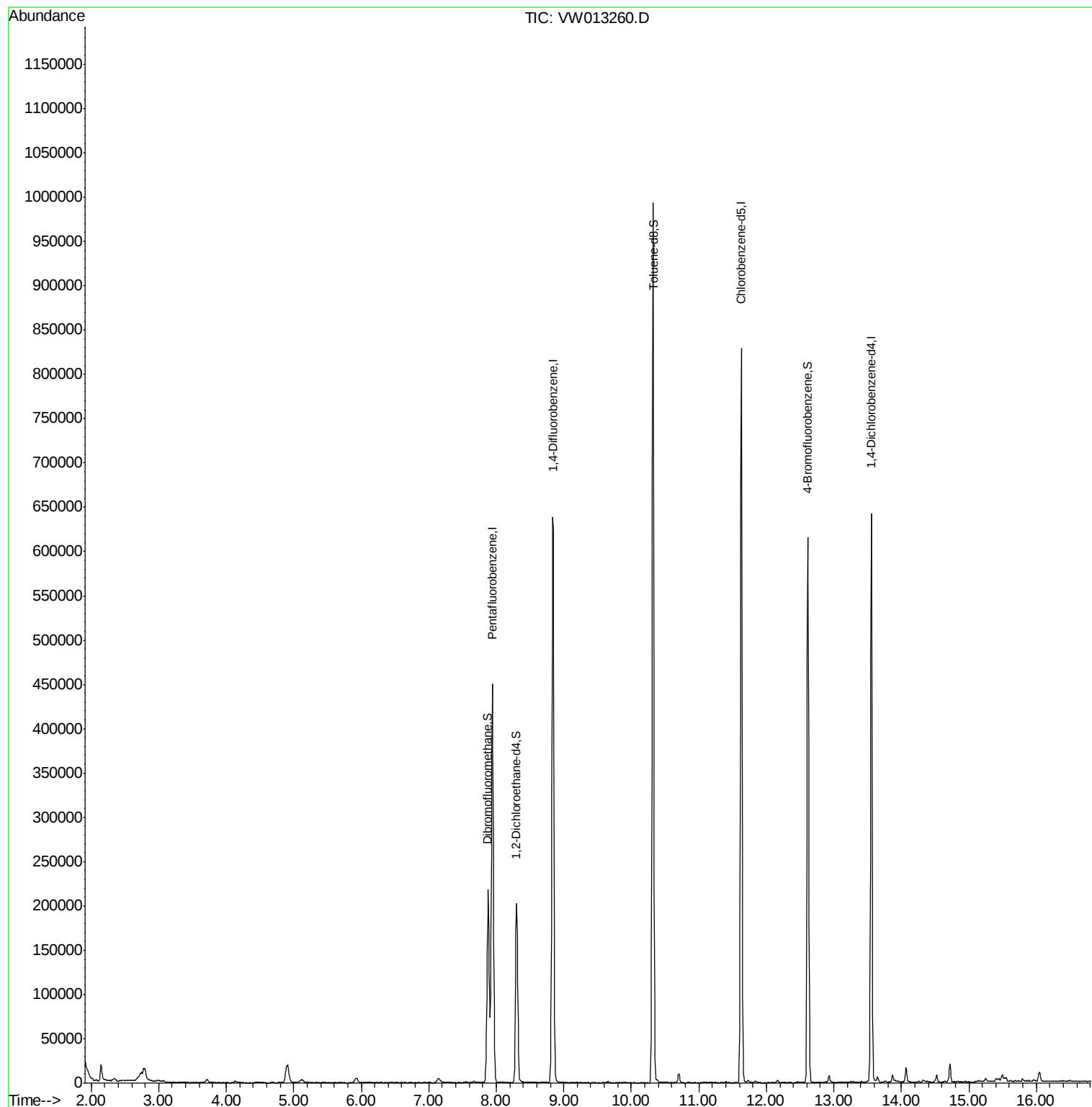
Target Compounds	Qvalue

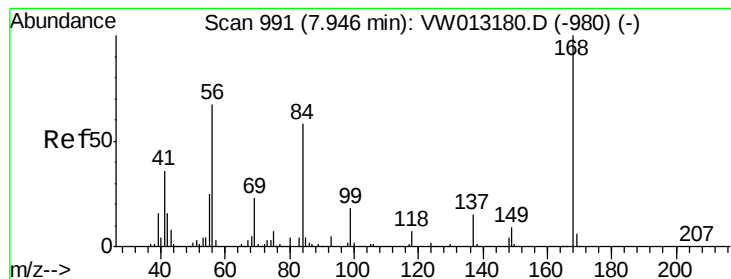
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampleID :

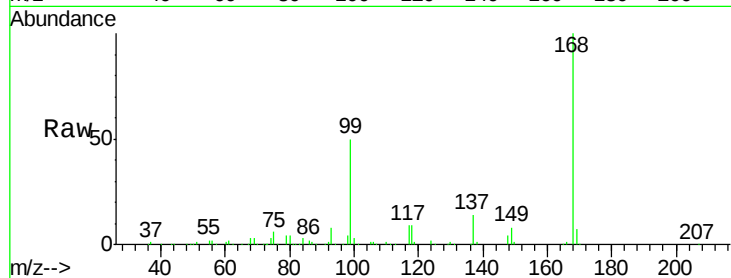
BSP-2

Tot Ion:168 Resp: 371986

Ion Ratio Lower Upper

168 100

99 49.6 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

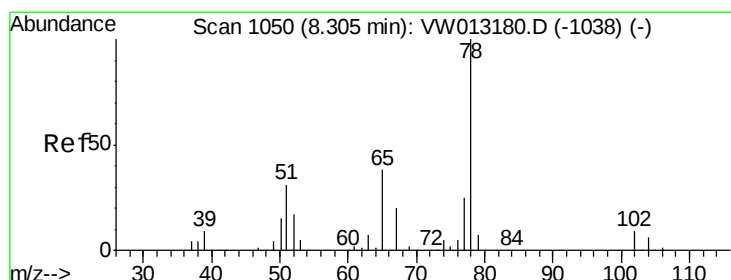
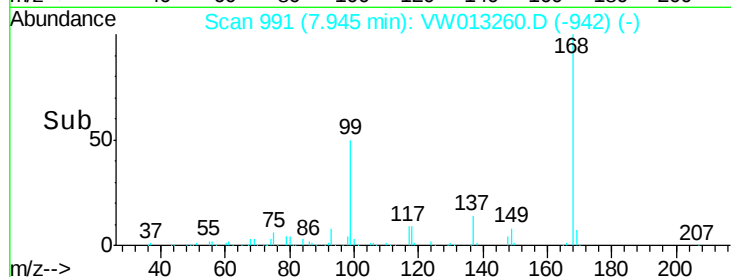
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 52.925 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013260.D

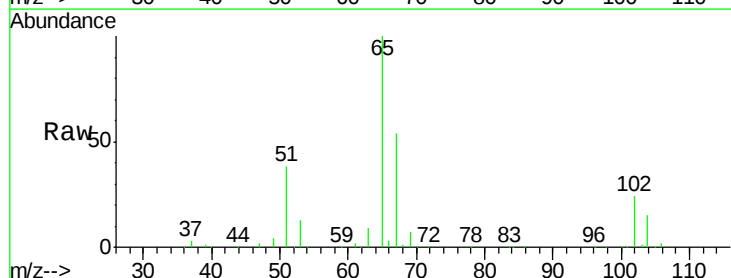
Acq: 24 Sep 2019 05:56

Tgt Ion: 65 Resp: 160679

Ion Ratio Lower Upper

65 100

67 53.5 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

80000

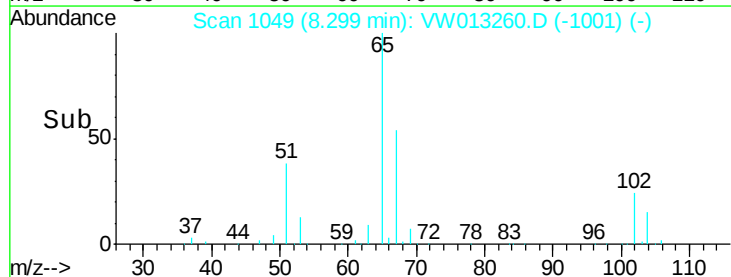
60000

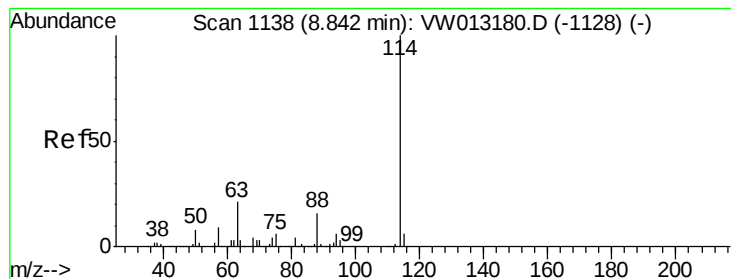
40000

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. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampleId :

BSP-2

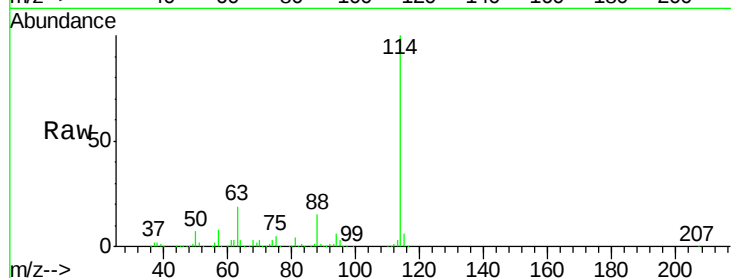
Tot Ion:114 Resp: 568526

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

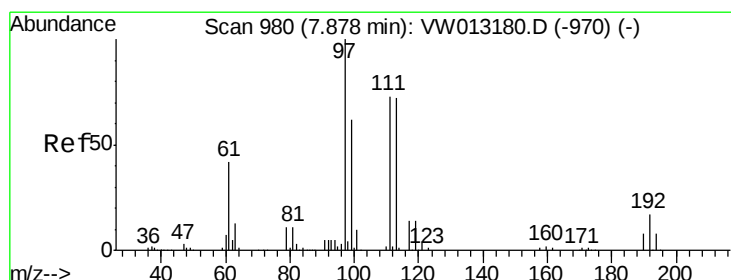
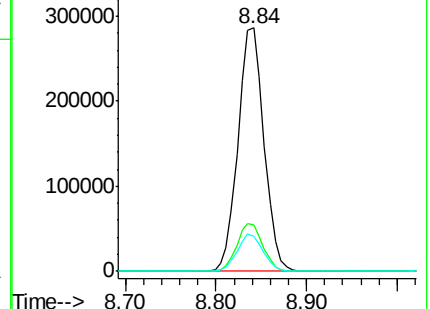
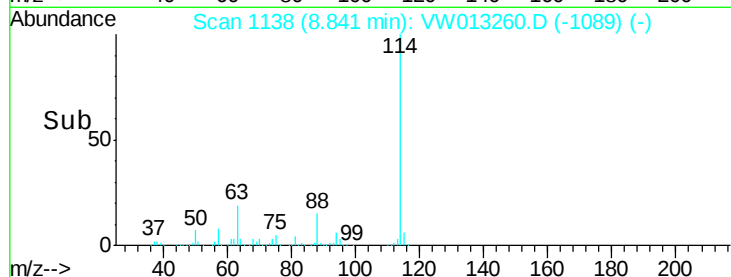
88 14.5 0.0 32.0



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: 50.731 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

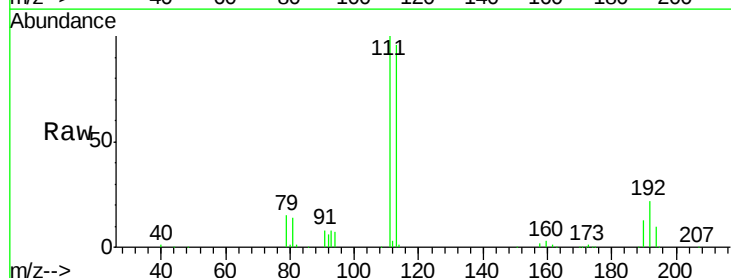
Tgt Ion:113 Resp: 158630

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

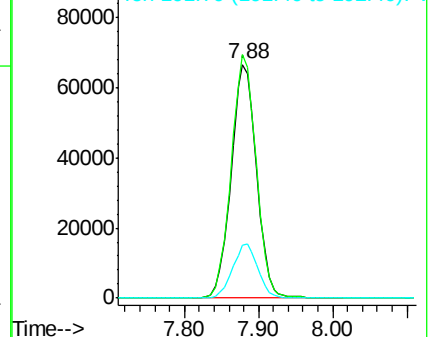
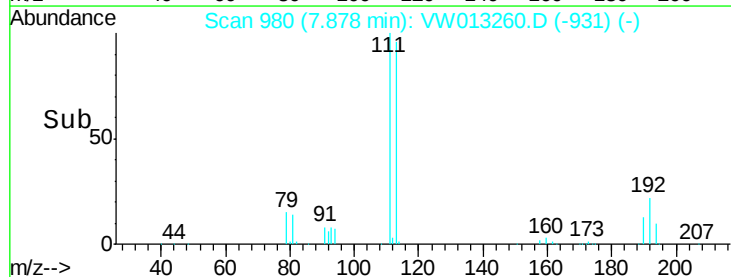
192 23.0 19.1 28.7

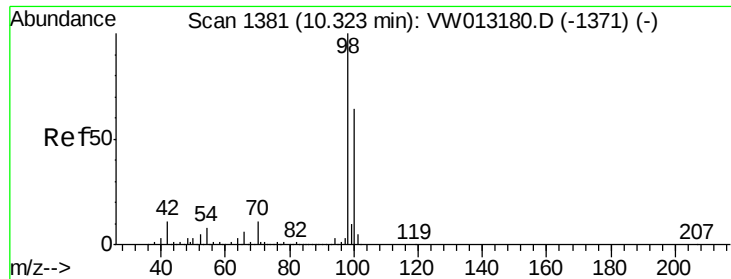


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.721 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

Instrument :

MSVOA_W

ClientSampleId :

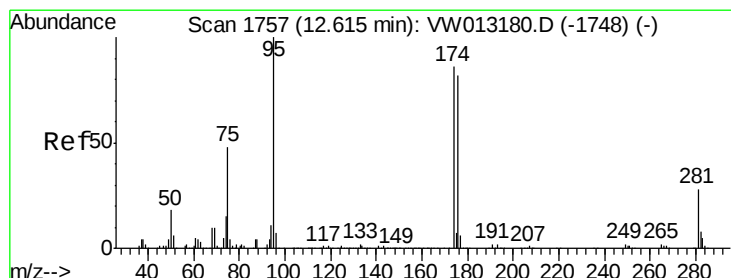
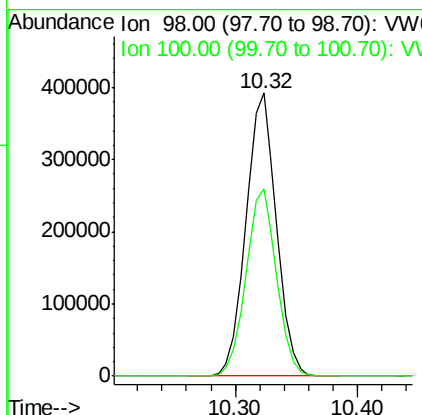
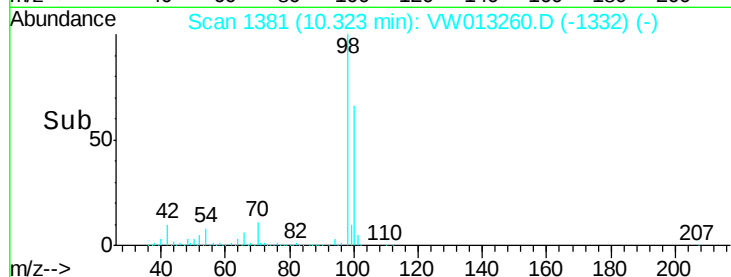
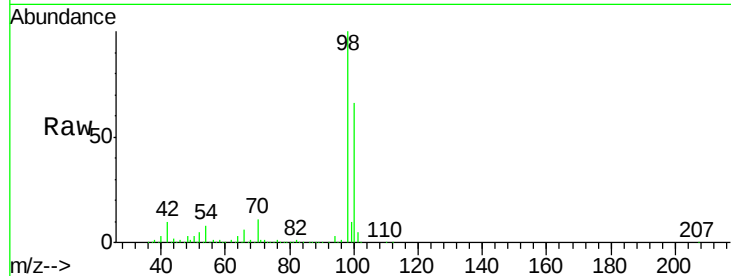
BSP-2

Tot Ion: 98 Resp: 676841

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.622 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013260.D

Acq: 24 Sep 2019 05:56

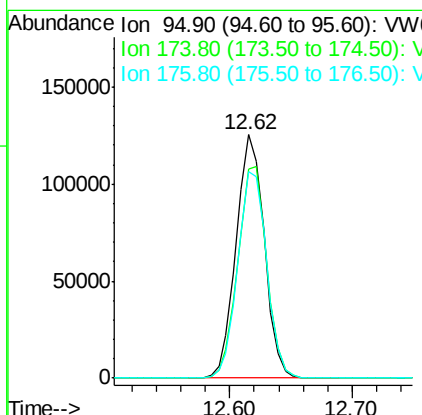
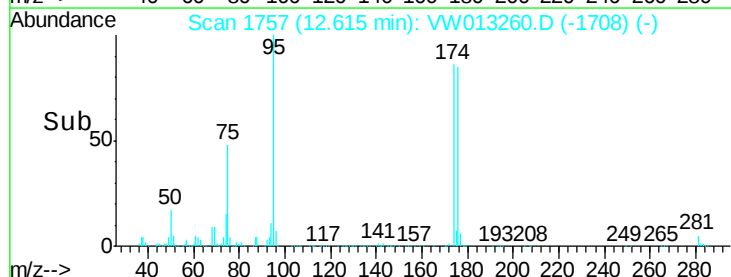
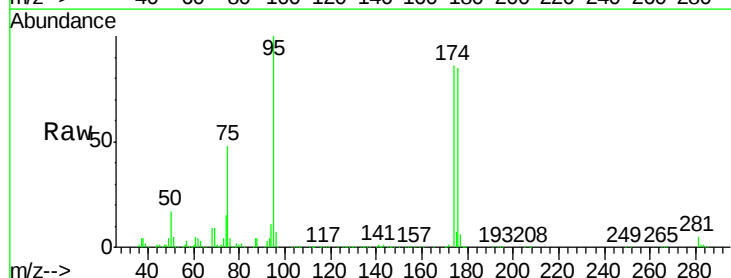
Tgt Ion: 95 Resp: 199469

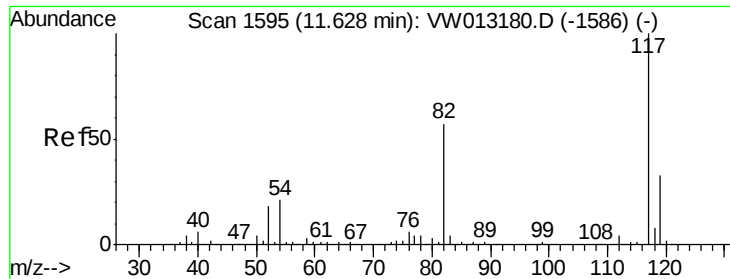
Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.4

176 87.3 0.0 172.2

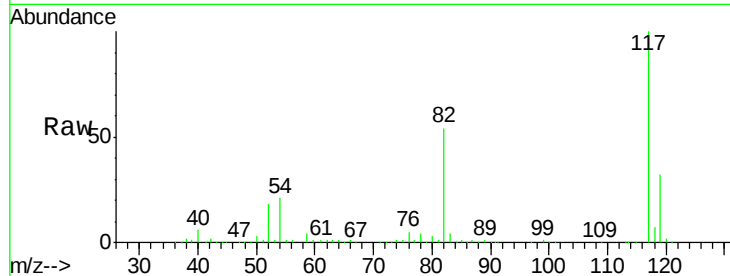




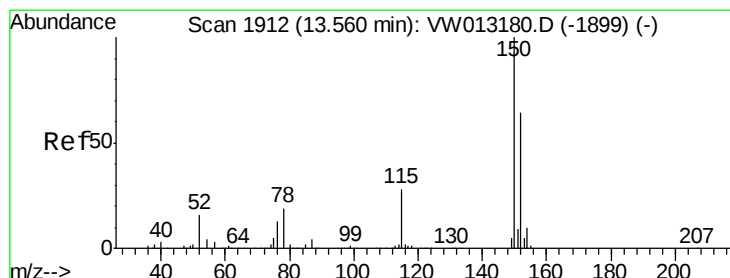
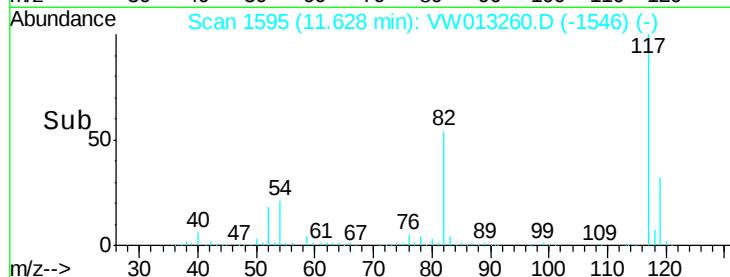
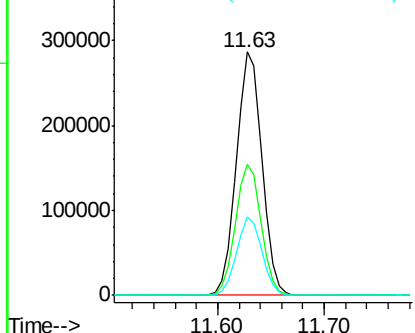
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013260.D
Acq: 24 Sep 2019 05:56

Instrument :
MSVOA_W
ClientSampled :
BSP-2

Tot Ion:117 Resp: 484889
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 32.2 26.2 39.2

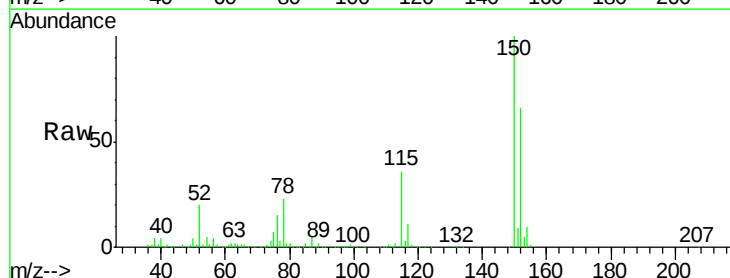


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013260.D
Acq: 24 Sep 2019 05:56

Tgt Ion:152 Resp: 182708
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 156.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

