

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013702.D
 Acq On : 24 Oct 2019 07:53
 Operator : SY/VA
 Sample : K5503-10
 Misc : 4.67G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 173-96-(2)

Quant Time: Oct 24 08:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	137927	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	122931	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
35) Dibromofluoromethane	7.88	113	132550	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
50) Toluene-d8	10.32	98	541304	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
62) 4-Bromofluorobenzene	12.62	95	150210	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	

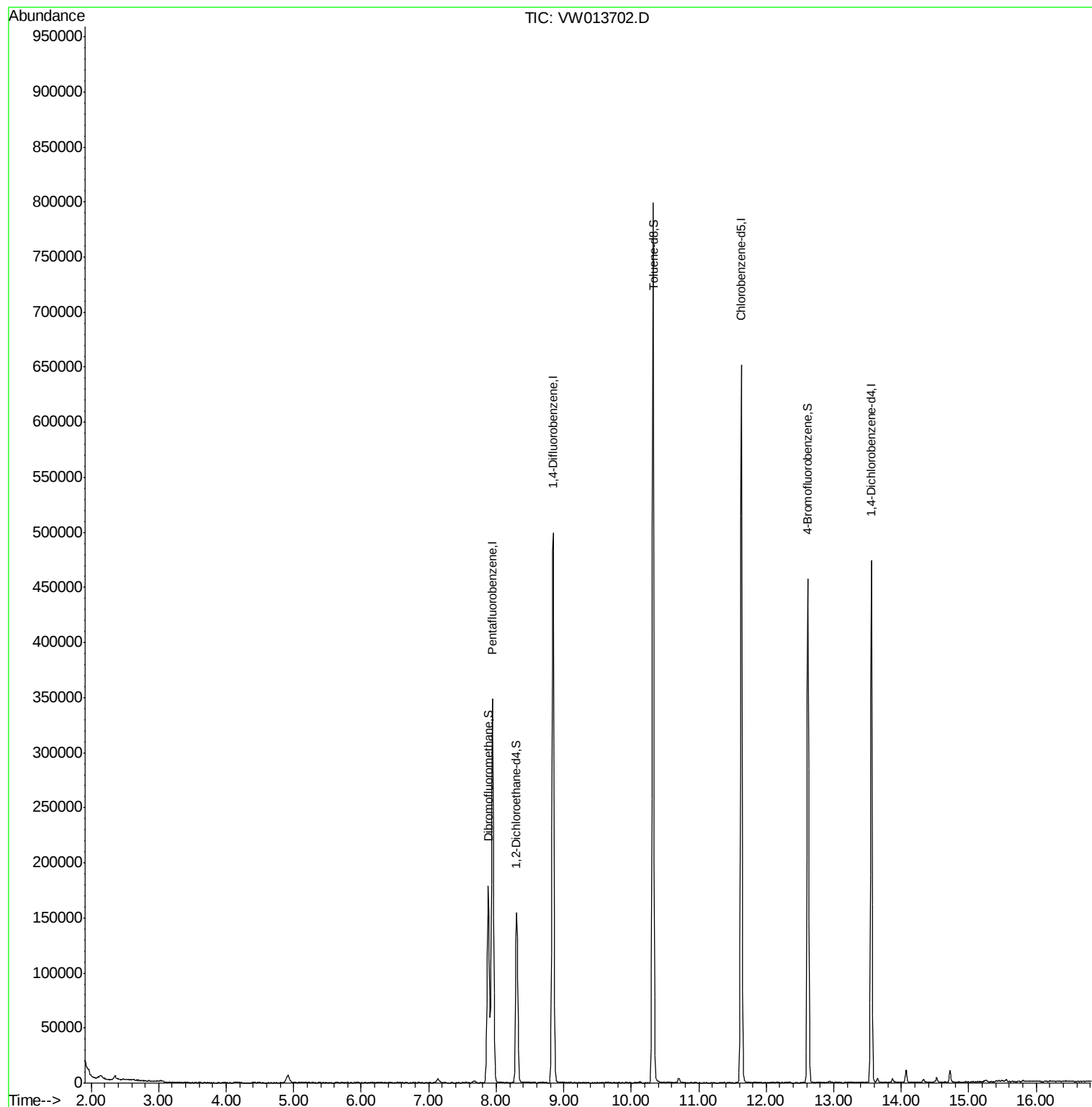
Target Compounds	Qvalue

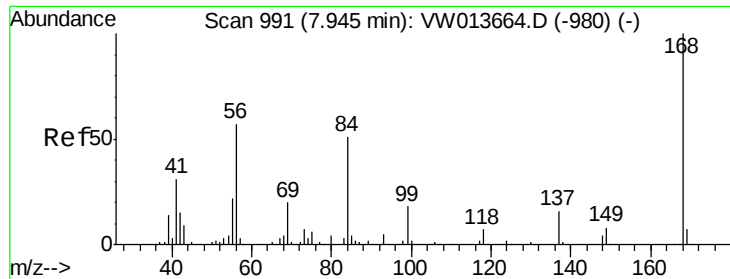
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
Data File : VW013702.D
Acq On : 24 Oct 2019 07:53
Operator : SY/VA
Sample : K5503-10
Misc : 4.67G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
173-96-(2)

Quant Time: Oct 24 08:58:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

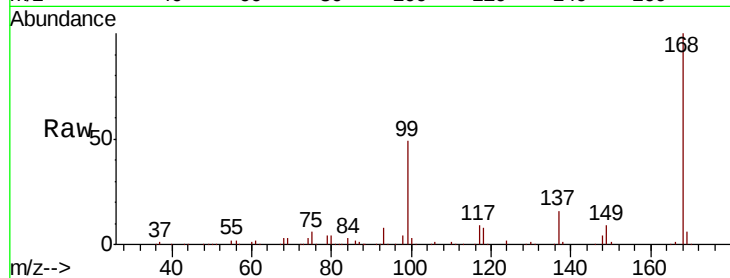
173-96-(2)

Tot Ion:168 Resp: 294883

Ion Ratio Lower Upper

168 100

99 49.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

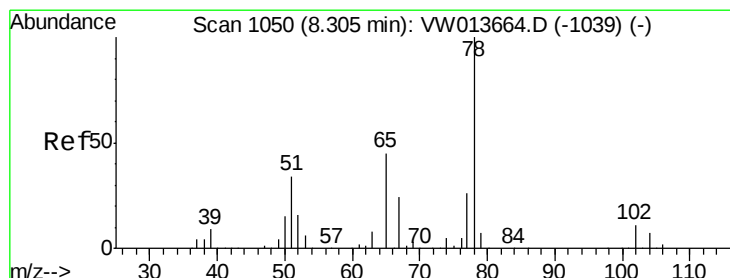
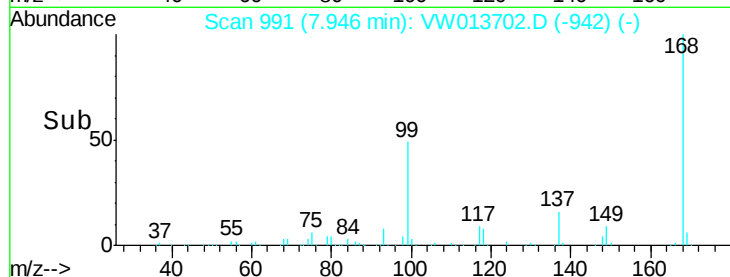
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.572 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013702.D

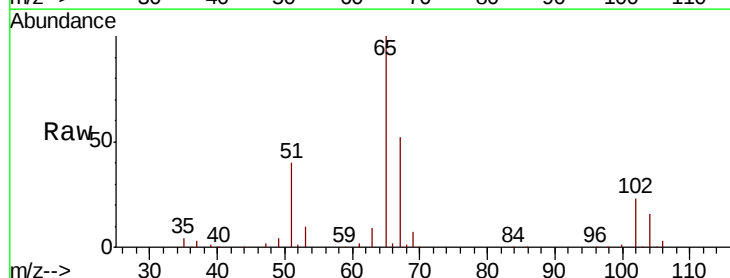
Acq: 24 Oct 2019 07:53

Tgt Ion: 65 Resp: 122931

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

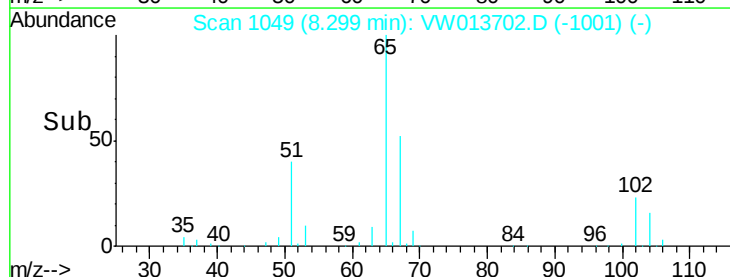
30000

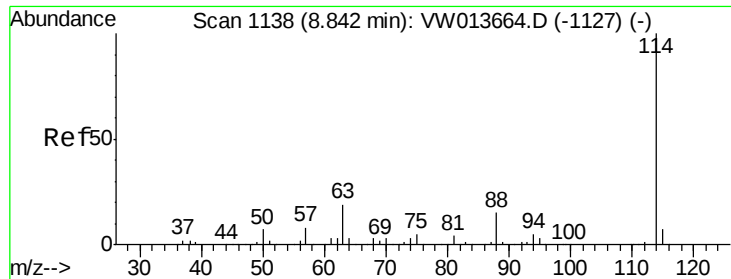
20000

10000

0

Time--> 8.20 8.30 8.40

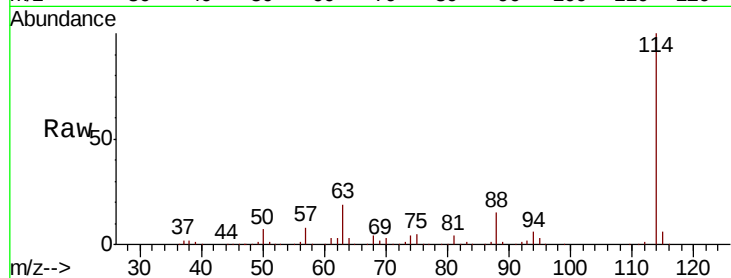




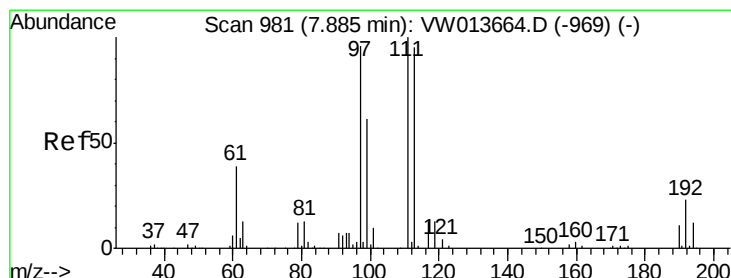
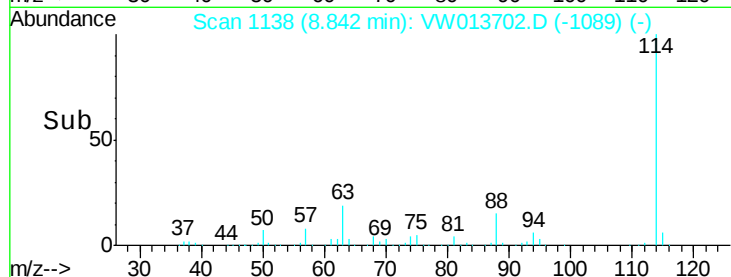
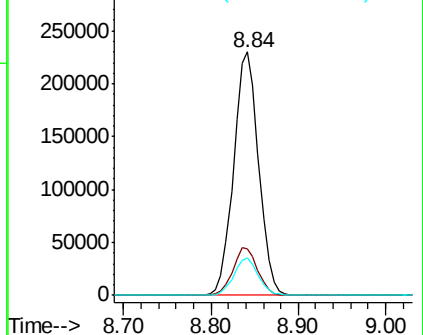
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

Instrument :
 MSVOA_W
 ClientSampleId :
 173-96-(2)

Tot Ion:114 Resp: 457108
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.6
 88 15.2 0.0 30.2

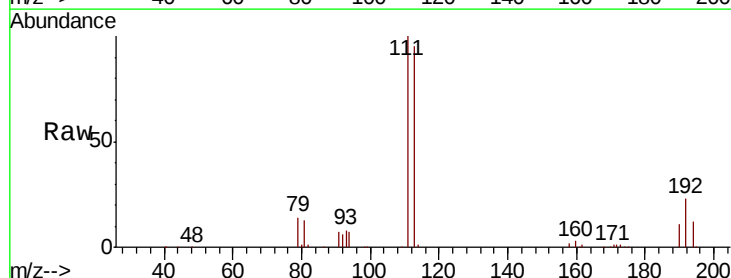


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

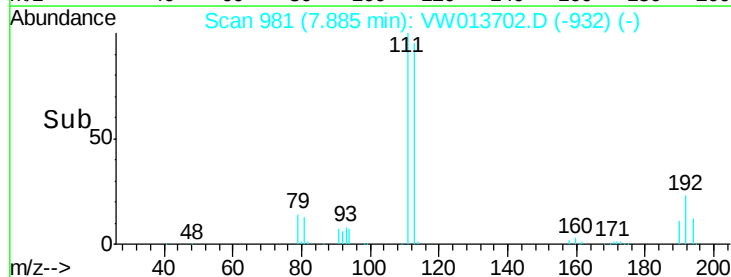
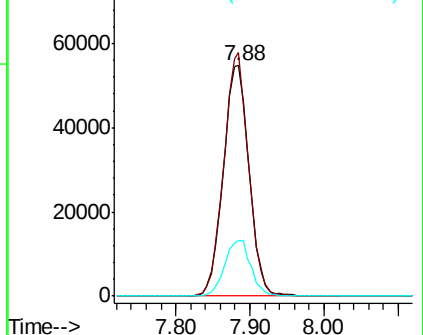


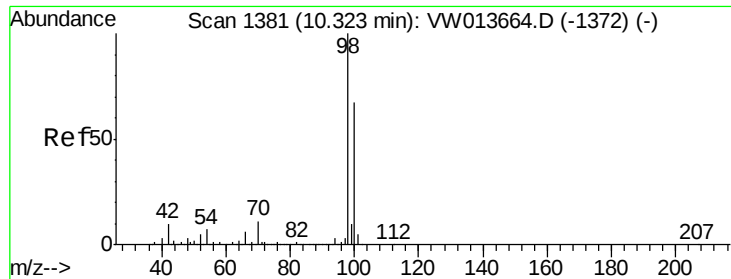
#35
 Dibromofluoromethane
 Concen: 52.186 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013702.D
 Acq: 24 Oct 2019 07:53

Tgt Ion:113 Resp: 132550
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.6
 192 24.4 19.4 29.2



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: 52.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

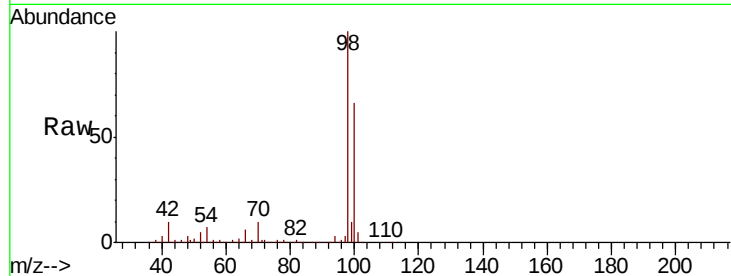
173-96-(2)

Tot Ion: 98 Resp: 541304

Ion Ratio Lower Upper

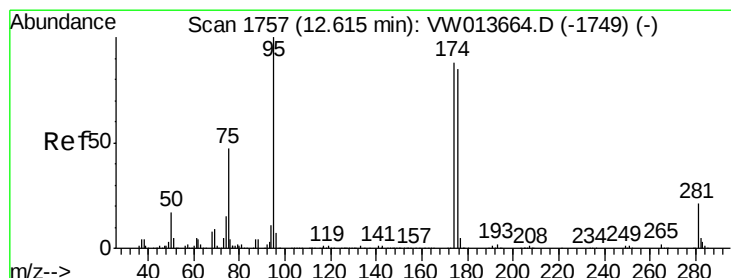
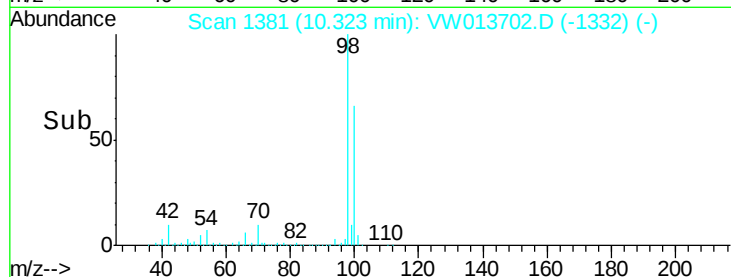
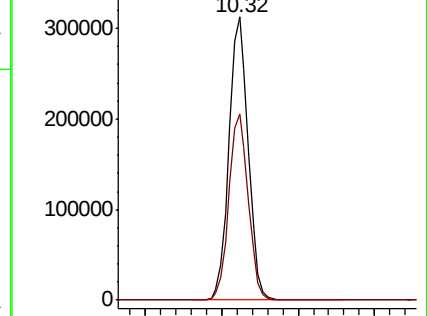
98 100

100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.863 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

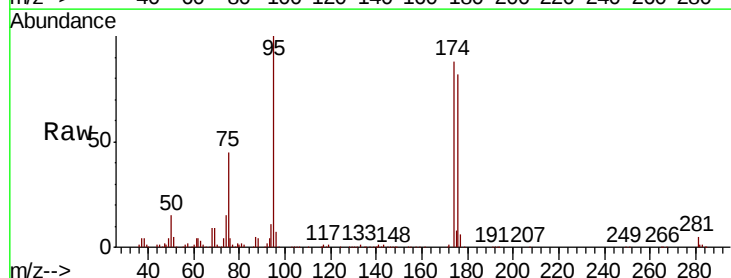
Tgt Ion: 95 Resp: 150210

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.6

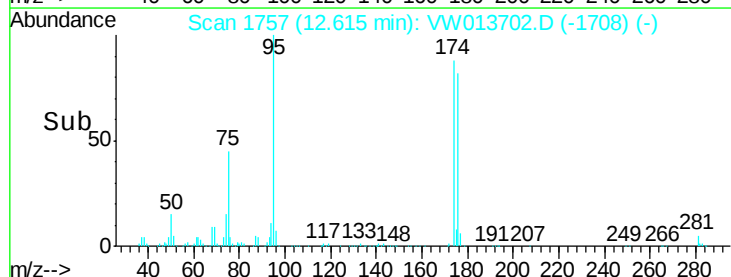
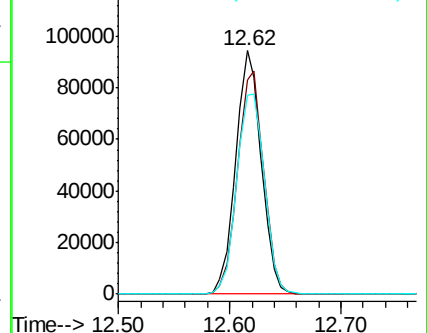
176 89.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013702.D

Acq: 24 Oct 2019 07:53

Instrument :

MSVOA_W

ClientSampleId :

173-96-(2)

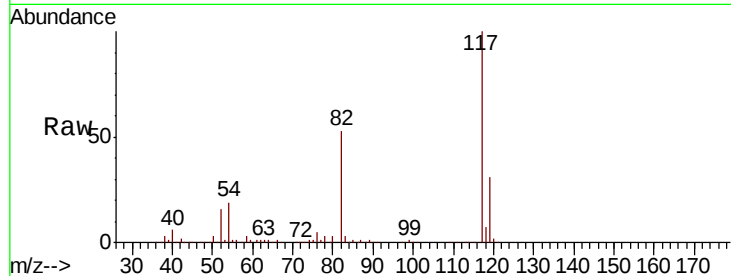
Tot Ion:117 Resp: 386611

Ion Ratio Lower Upper

117 100

82 52.8 43.6 65.4

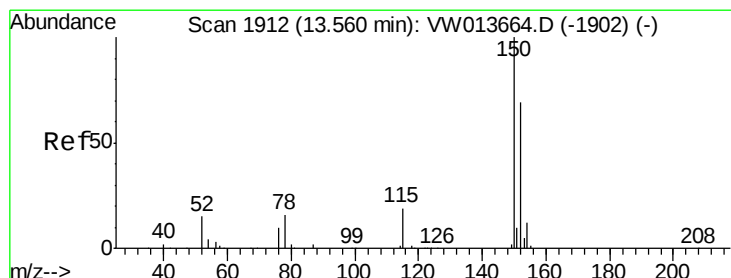
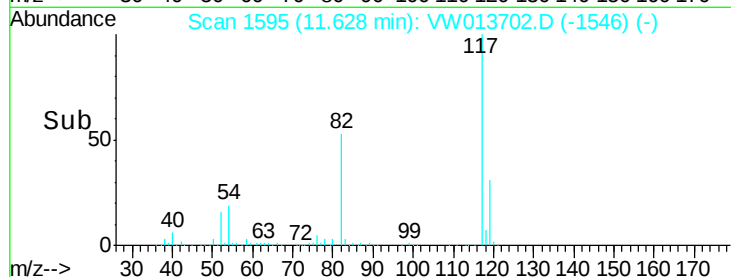
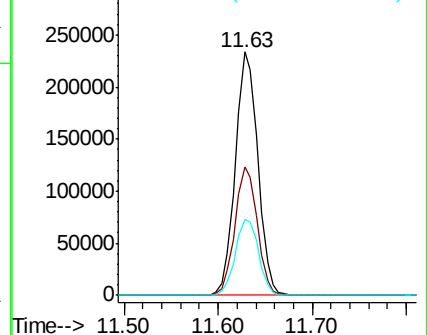
119 31.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013702.D

Acq: 24 Oct 2019 07:53

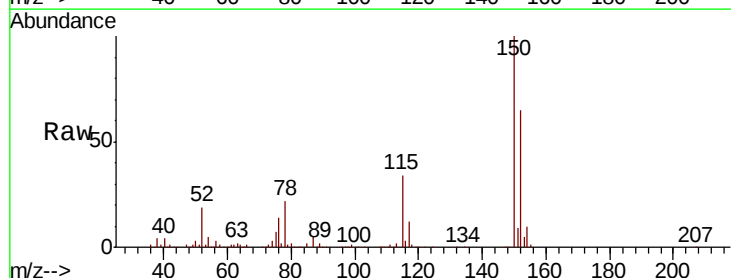
Tgt Ion:152 Resp: 137927

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

150 158.3 0.0 345.4



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

