

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015239.D
 Acq On : 20 Apr 2020 22:12
 Operator : SY/VA
 Sample : L2347-01
 Misc : 5.45G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Apr 21 07:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113124	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83098	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.88	113	83206	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.32	98	353741	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	115976	44.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.28%	

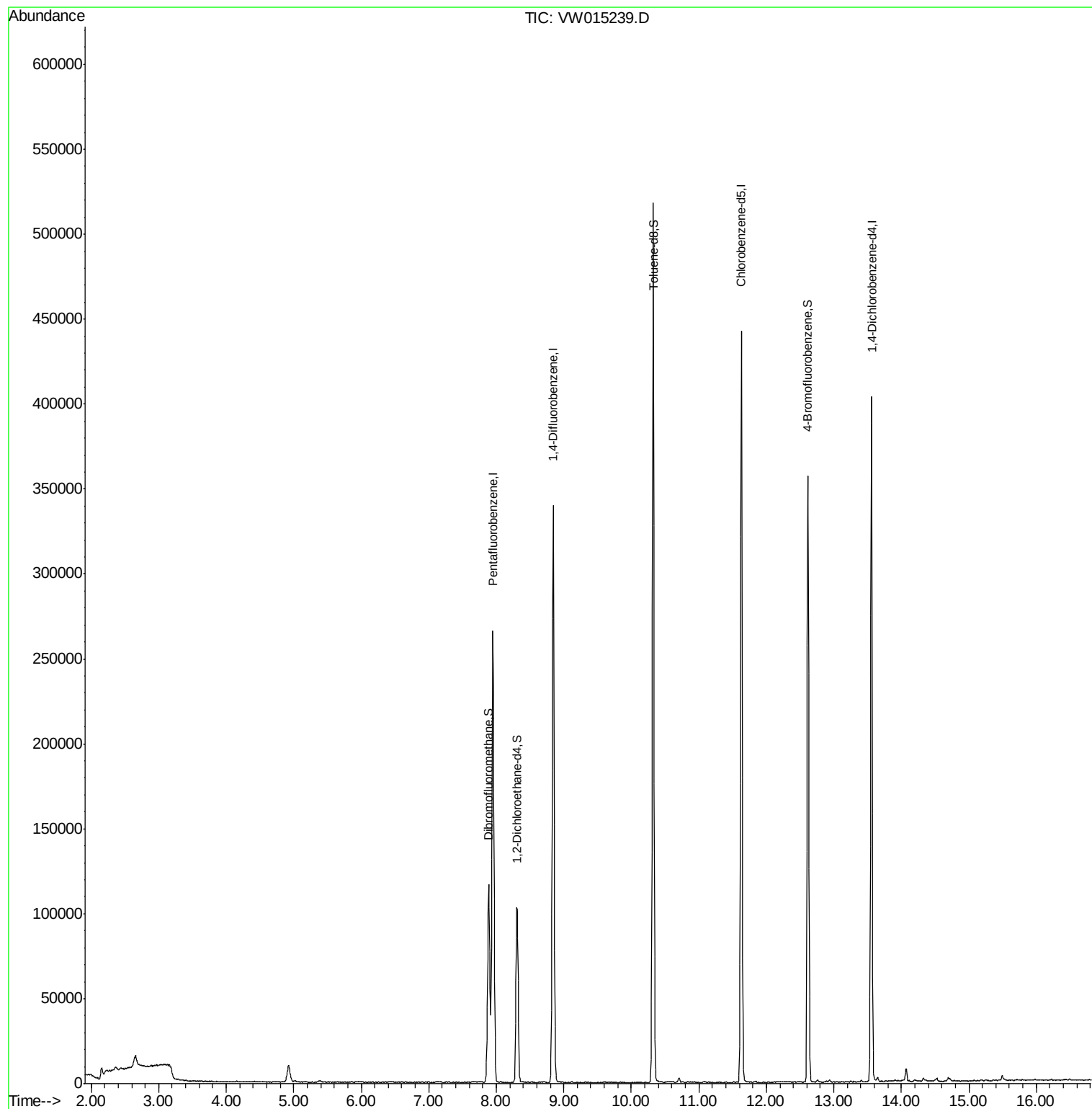
Target Compounds	Qvalue
------------------	--------

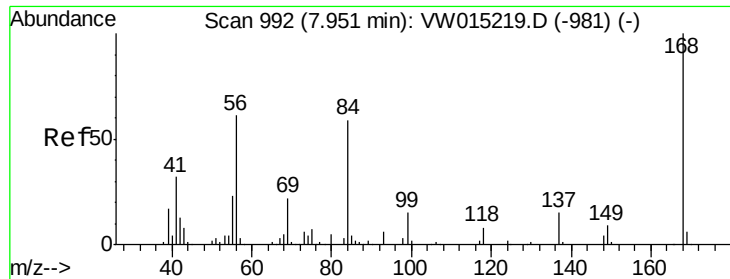
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015239.D
Acq On : 20 Apr 2020 22:12
Operator : SY/VA
Sample : L2347-01
Misc : 5.45G/5ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Quant Time: Apr 21 07:54:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

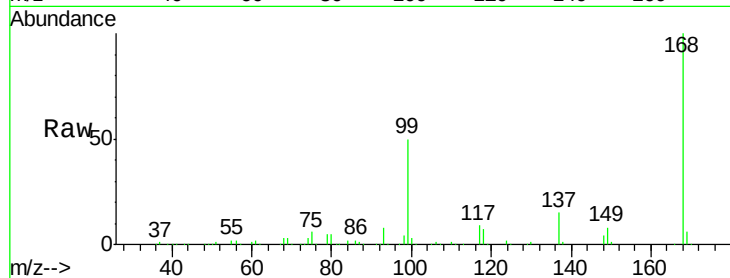
TP-4

Tot Ion:168 Resp: 210747

Ion Ratio Lower Upper

168 100

99 50.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

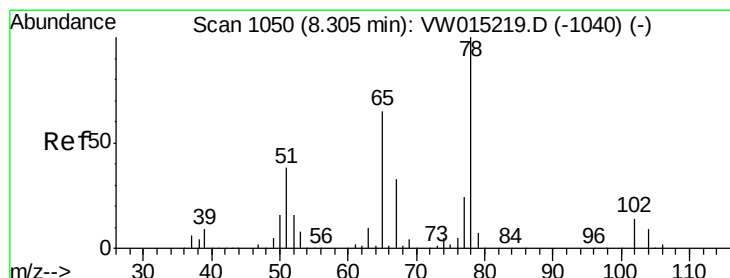
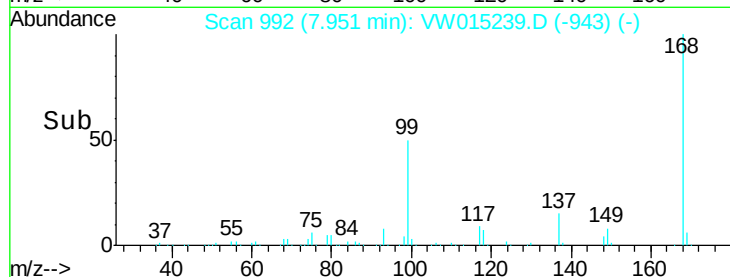
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.218 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015239.D

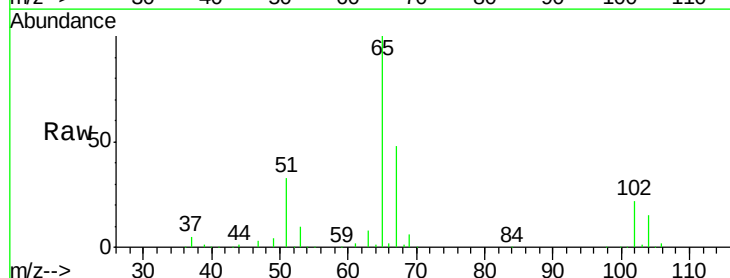
Acq: 20 Apr 2020 22:12

Tgt Ion: 65 Resp: 83098

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

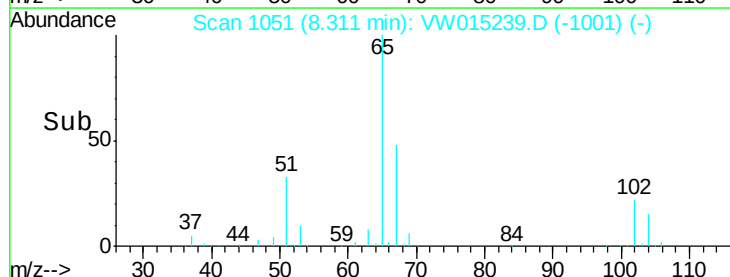
20000

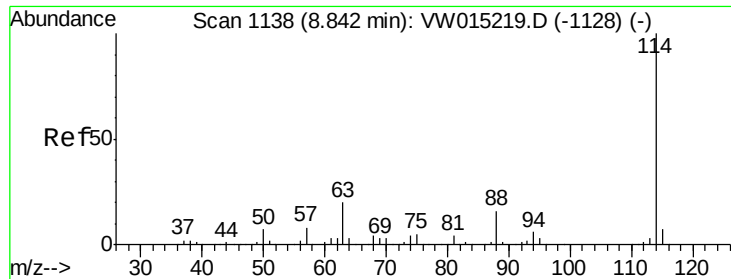
10000

0

Time-->

8.20 8.30 8.40

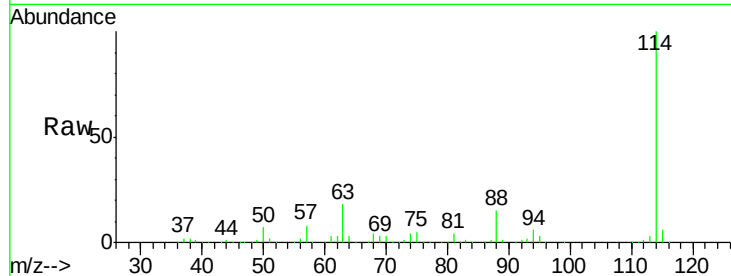




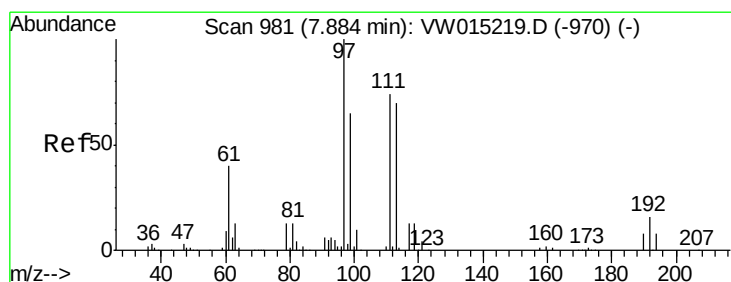
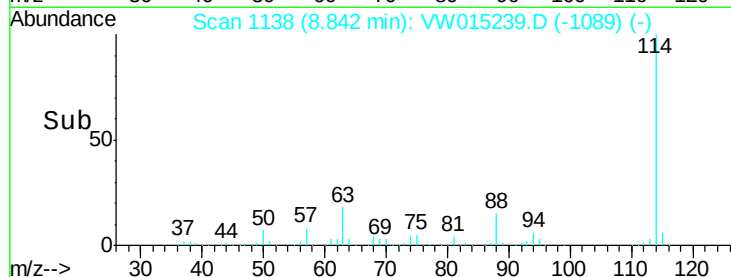
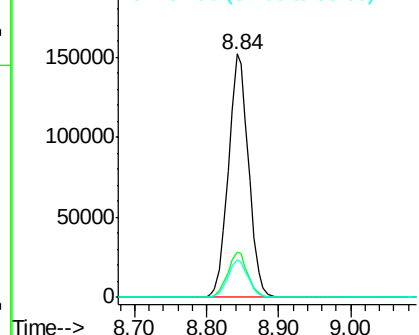
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015239.D
 Acq: 20 Apr 2020 22:12

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 295528
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.4 0.0 30.2

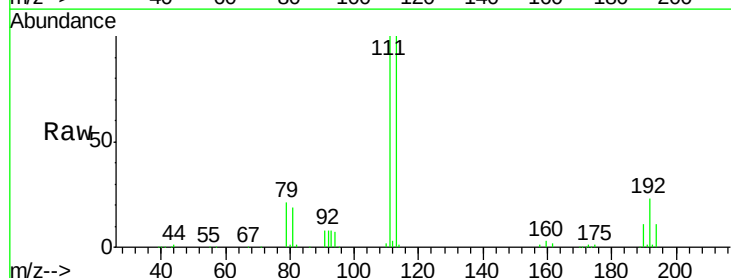


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

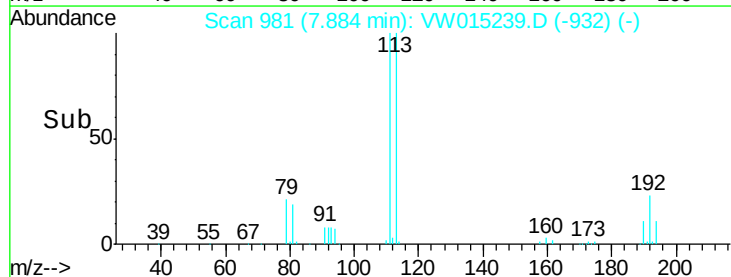
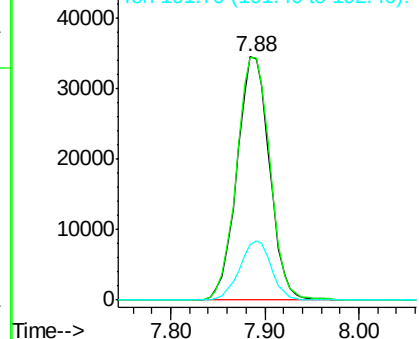


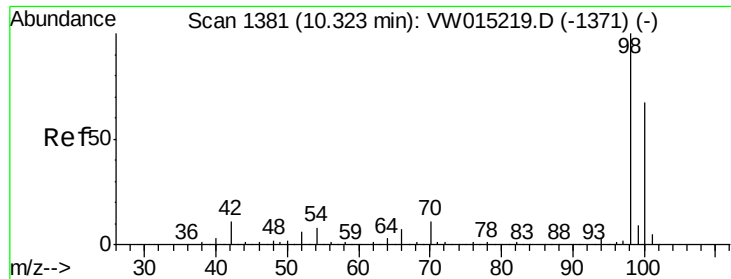
#35
 Dibromofluoromethane
 Concen: 50.829 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015239.D
 Acq: 20 Apr 2020 22:12

Tgt Ion:113 Resp: 83206
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.4
 192 23.6 15.1 22.7#



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: 51.369 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

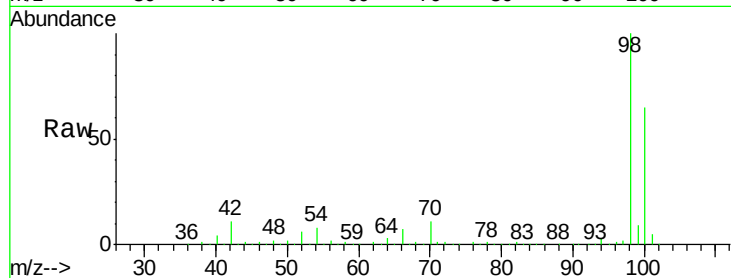
TP-4

Tot Ion: 98 Resp: 353741

Ion Ratio Lower Upper

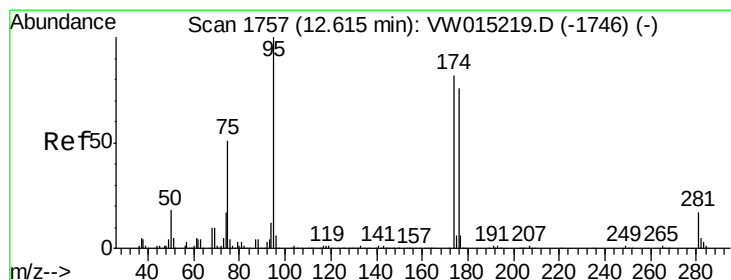
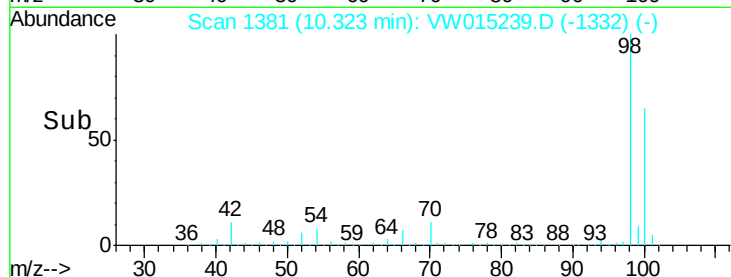
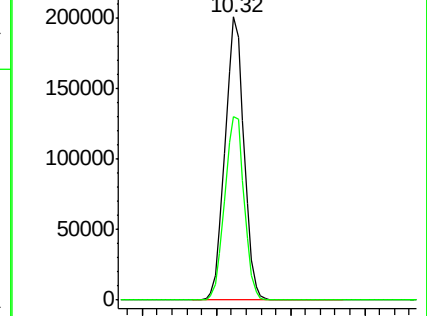
98 100

100 66.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.140 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

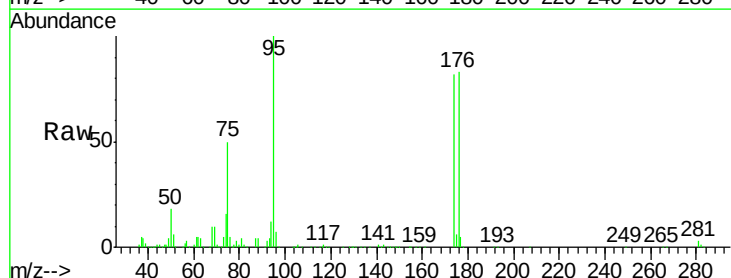
Tgt Ion: 95 Resp: 115976

Ion Ratio Lower Upper

95 100

174 87.3 0.0 144.4

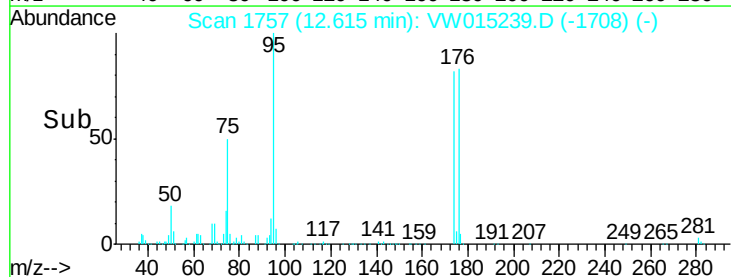
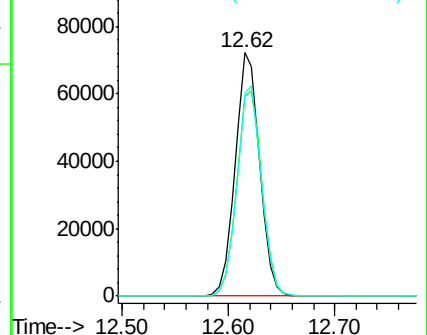
176 86.7 0.0 140.6

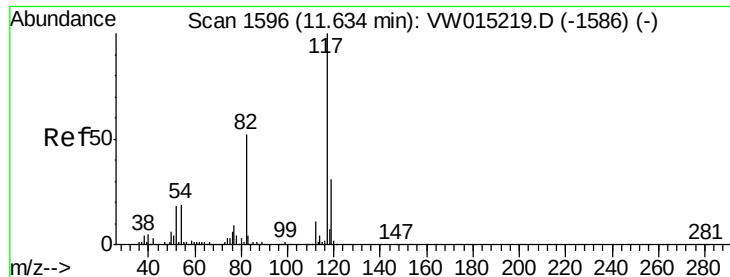


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1596

Delta R.T. 0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

Instrument :

MSVOA_W

ClientSampled :

TP-4

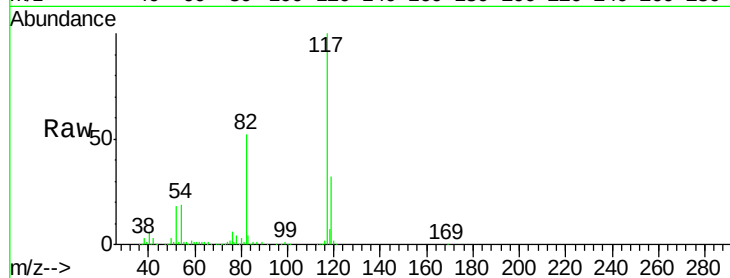
Tot Ion:117 Resp: 263532

Ion Ratio Lower Upper

117 100

82 51.6 44.1 66.1

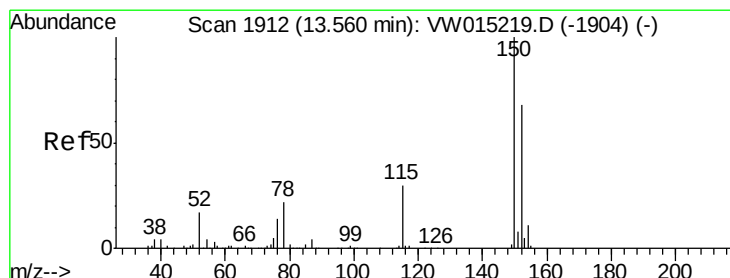
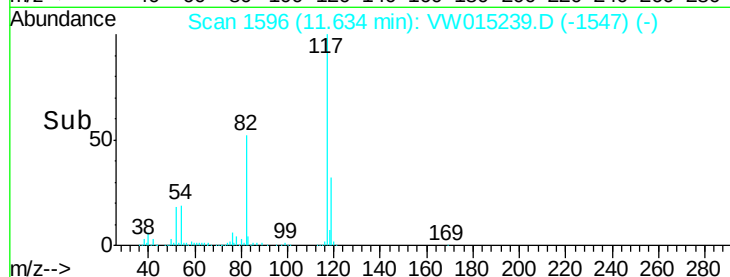
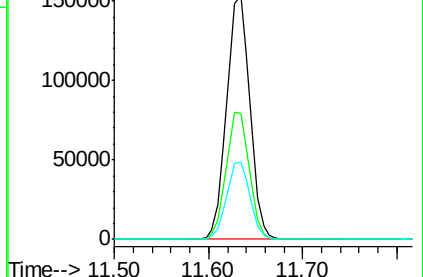
119 32.0 24.9 37.3



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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015239.D

Acq: 20 Apr 2020 22:12

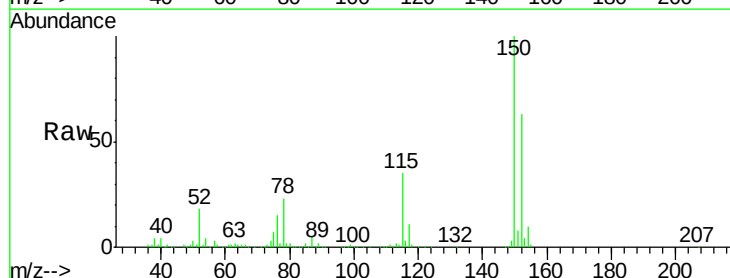
Tgt Ion:152 Resp: 113124

Ion Ratio Lower Upper

152 100

115 55.8 31.3 93.9

150 156.4 0.0 343.4



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

