

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015235.D
 Acq On : 20 Apr 2020 20:31
 Operator : SY/VA
 Sample : L2346-04
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-3A

Quant Time: Apr 21 07:45:16 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	225887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	317544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90779	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	7.89	113	92363	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.32	98	383930	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.62	95	124438	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	

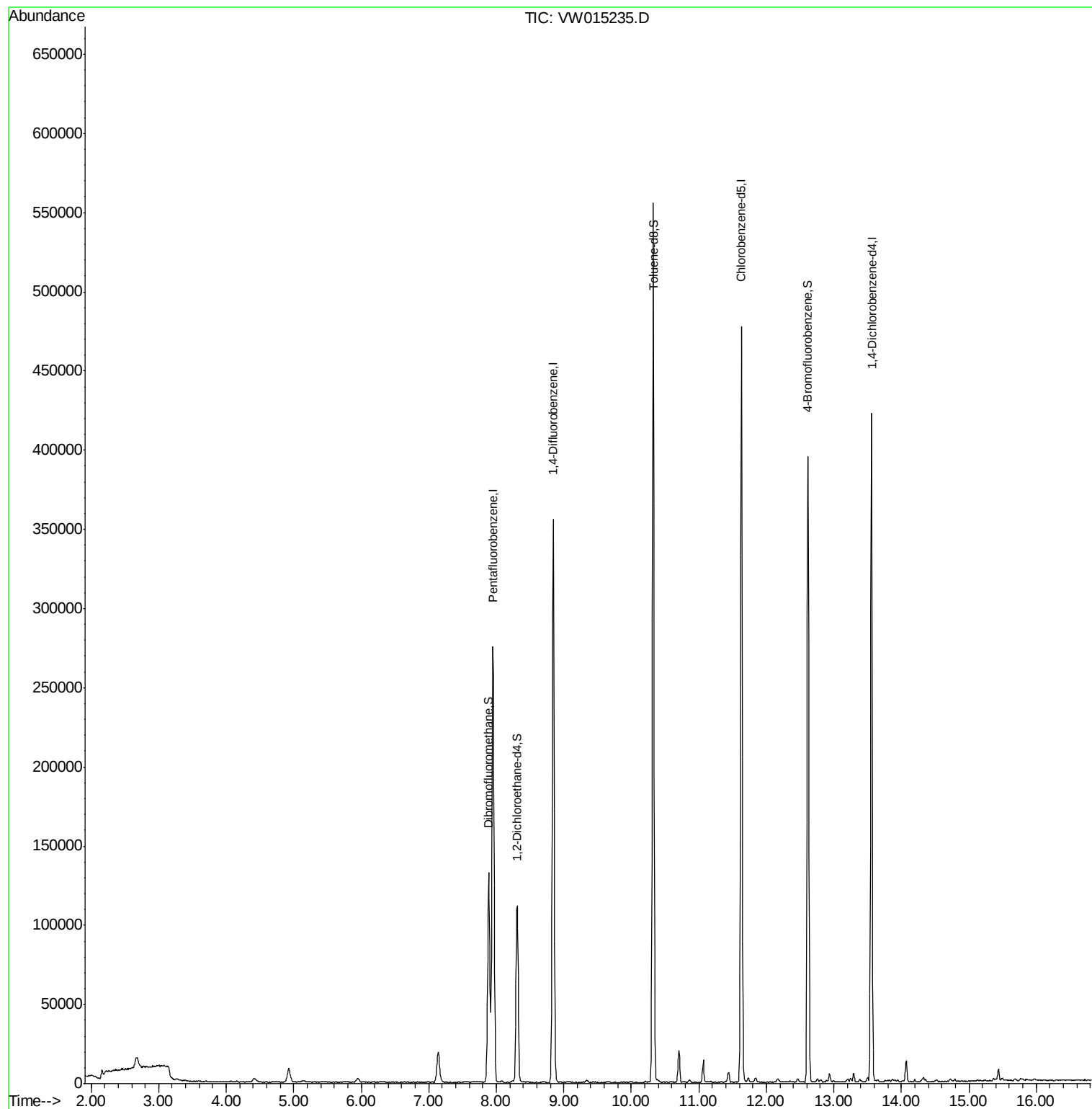
Target Compounds	Qvalue
------------------	--------

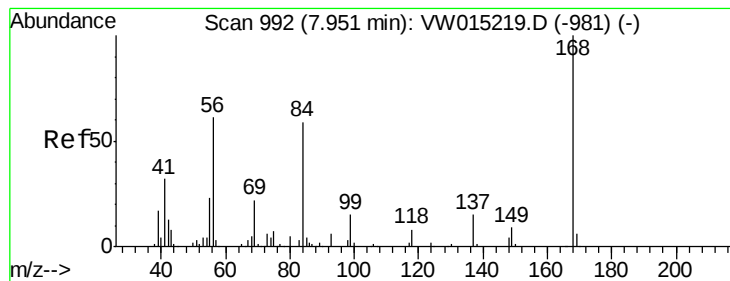
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
Data File : VW015235.D
Acq On : 20 Apr 2020 20:31
Operator : SY/VA
Sample : L2346-04
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S-3A

Quant Time: Apr 21 07:45:16 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: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampled :

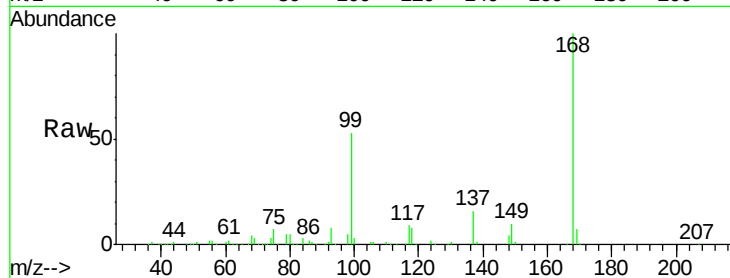
S-3A

Tot Ion:168 Resp: 225887

Ion Ratio Lower Upper

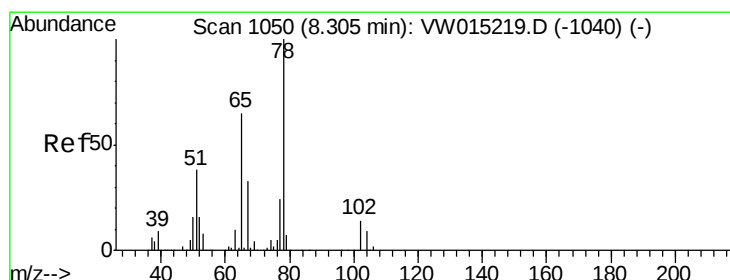
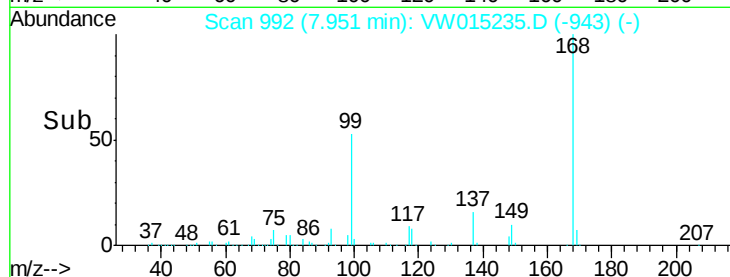
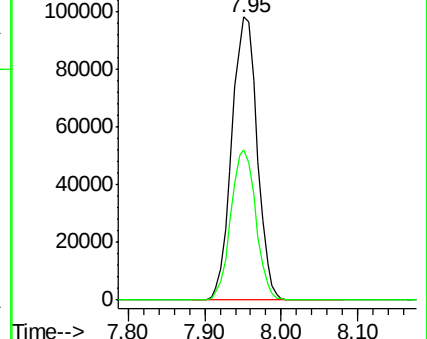
168 100

99 53.0 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 49.145 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015235.D

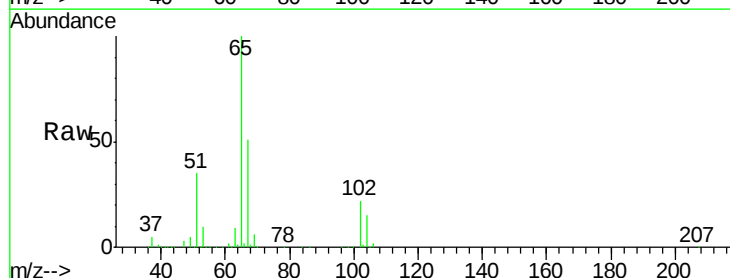
Acq: 20 Apr 2020 20:31

Tgt Ion: 65 Resp: 90779

Ion Ratio Lower Upper

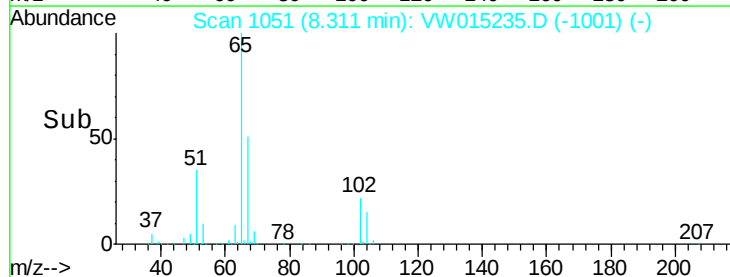
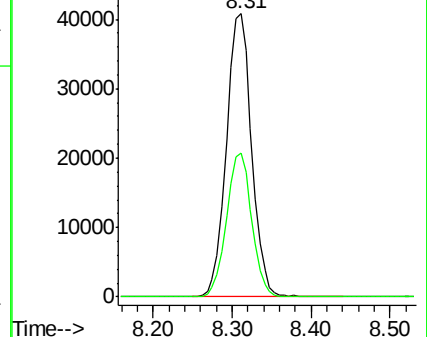
65 100

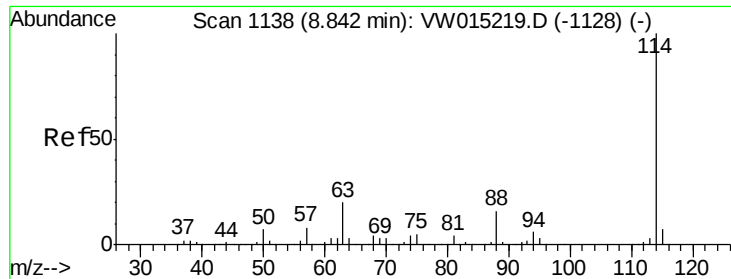
67 50.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

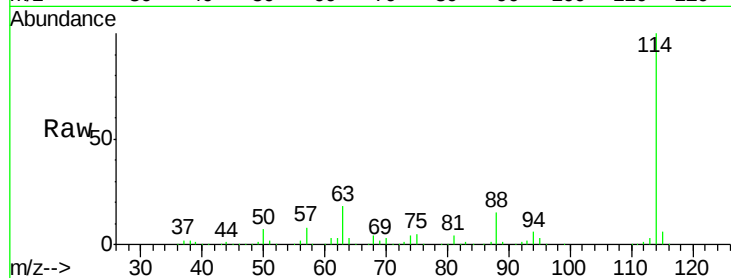




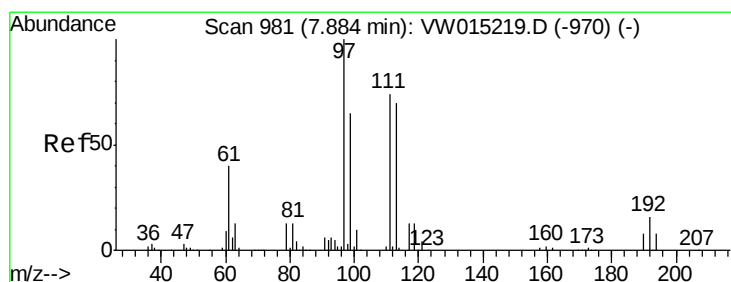
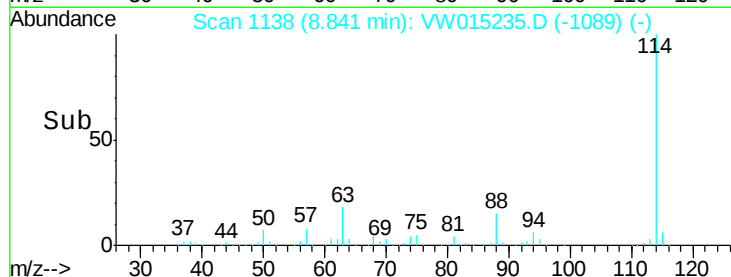
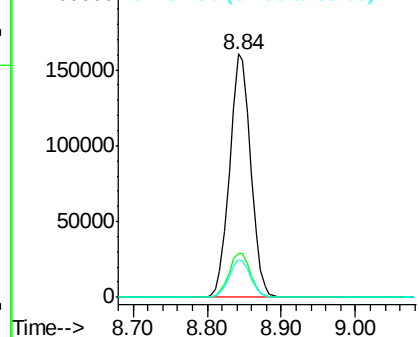
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

Instrument :
MSVOA_W
ClientSampleId :
S-3A

Tot Ion:114 Resp: 317544
Ion Ratio Lower Upper
114 100
63 18.1 0.0 39.8
88 15.3 0.0 30.2

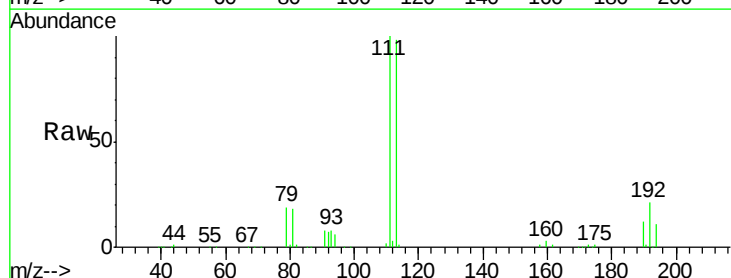


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

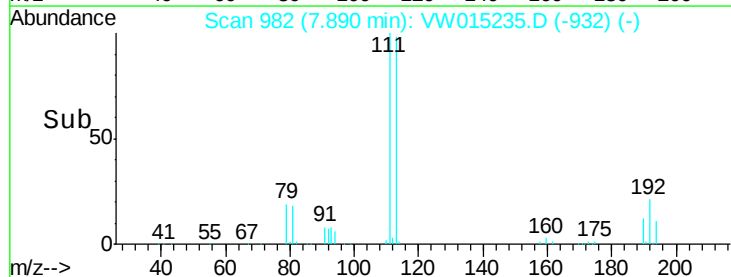
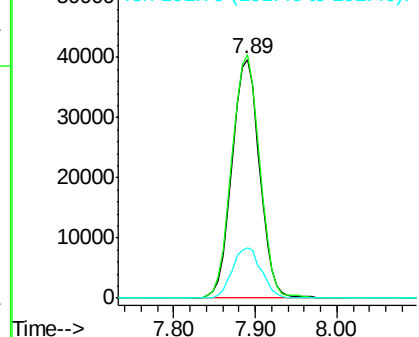


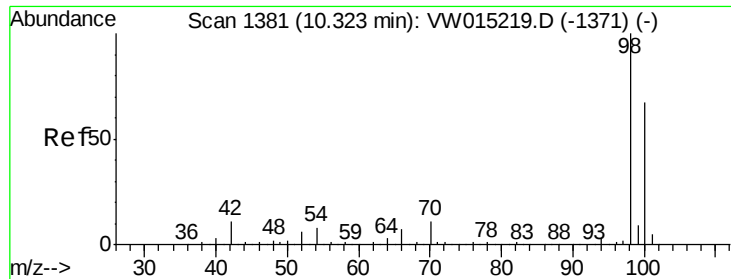
#35
Dibromofluoromethane
Concen: 52.511 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015235.D
Acq: 20 Apr 2020 20:31

Tgt Ion:113 Resp: 92363
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 22.0 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: 51.887 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampleId :

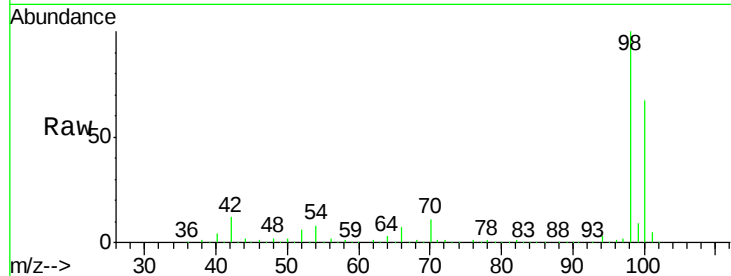
S-3A

Tot Ion: 98 Resp: 383930

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

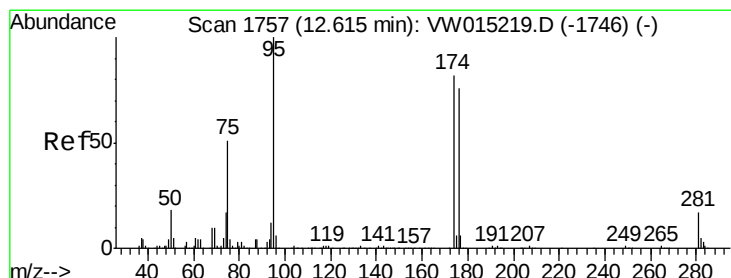
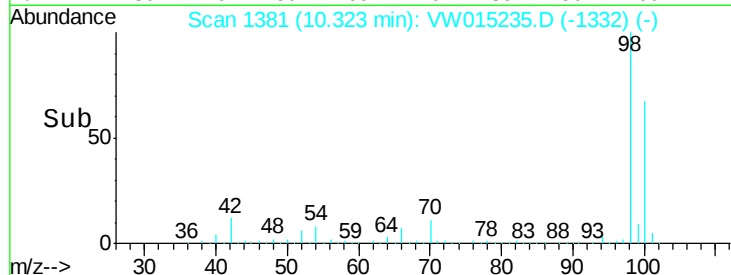
100000

50000

0

10.20 10.30 10.40 10.50

Time-->



#62

4-Bromofluorobenzene

Concen: 44.077 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

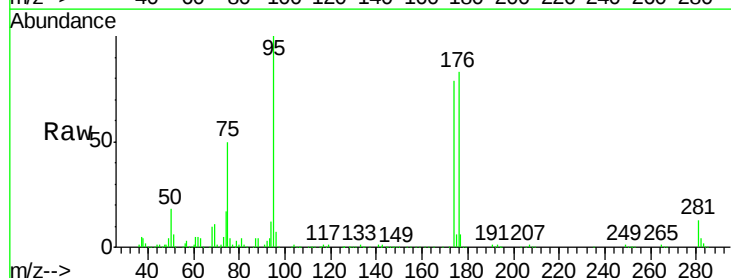
Tgt Ion: 95 Resp: 124438

Ion Ratio Lower Upper

95 100

174 88.4 0.0 144.4

176 86.9 0.0 140.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

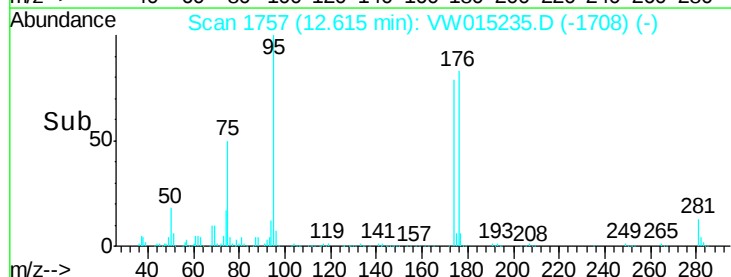
40000

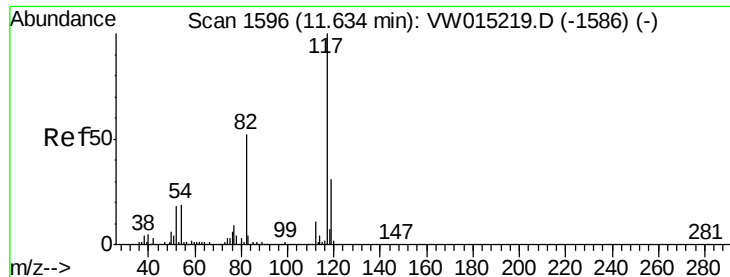
20000

0

12.60 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015235.D

Acq: 20 Apr 2020 20:31

Instrument :

MSVOA_W

ClientSampled :

S-3A

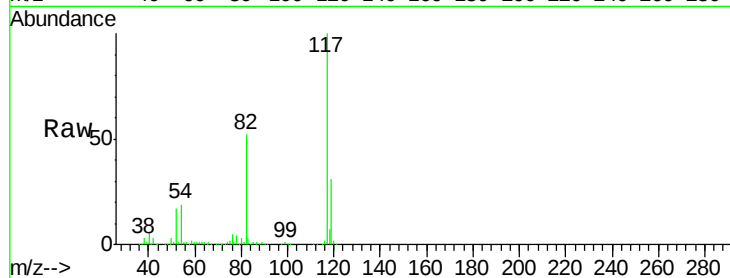
Tot Ion:117 Resp: 280803

Ion Ratio Lower Upper

117 100

82 51.5 44.1 66.1

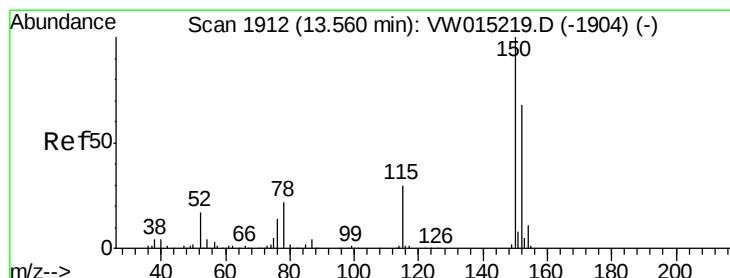
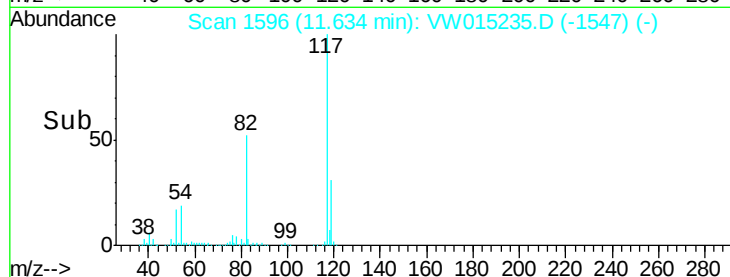
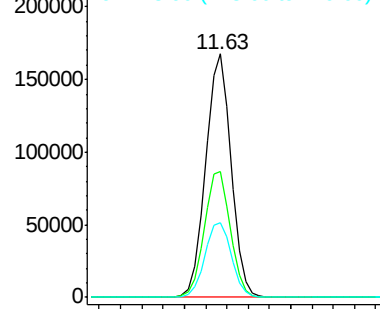
119 30.6 24.9 37.3



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: VW015235.D

Acq: 20 Apr 2020 20:31

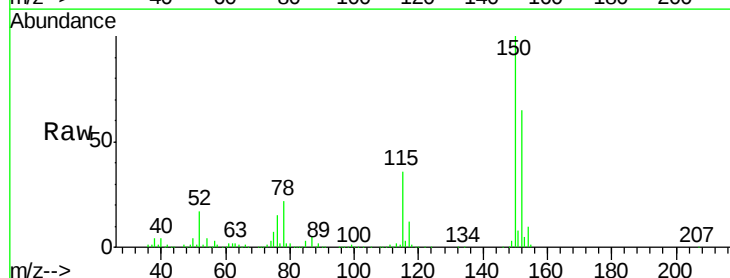
Tgt Ion:152 Resp: 119097

Ion Ratio Lower Upper

152 100

115 57.1 31.3 93.9

150 158.5 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

