

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015262.D
 Acq On : 21 Apr 2020 15:06
 Operator : SY/VA
 Sample : L2271-10
 Misc : 4.19G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG-6

Quant Time: Apr 22 06:51:57 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	209771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101683	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	83572	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.88	113	86648	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
50) Toluene-d8	10.32	98	346074	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.62	95	106740	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	

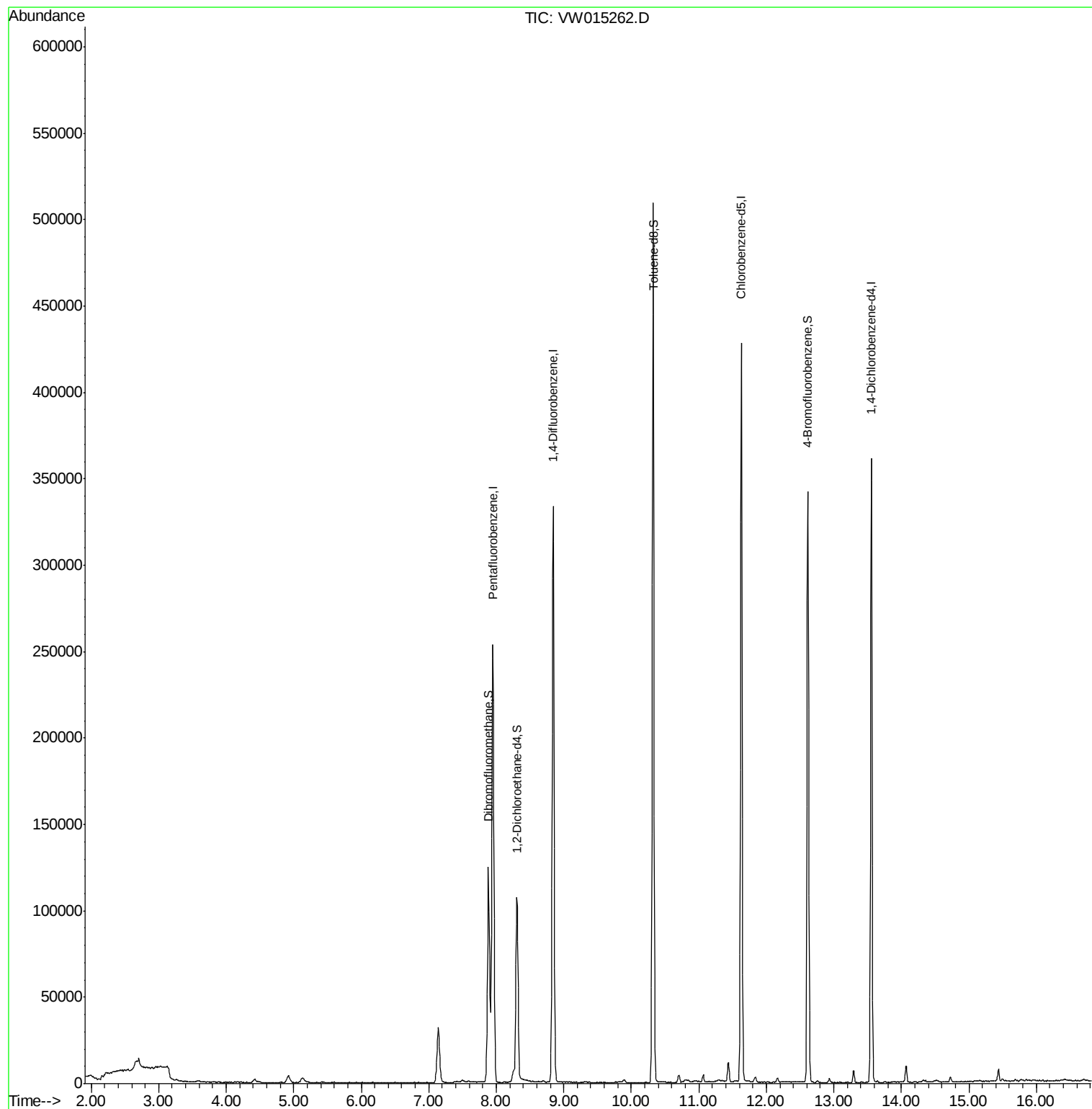
Target Compounds	Qvalue
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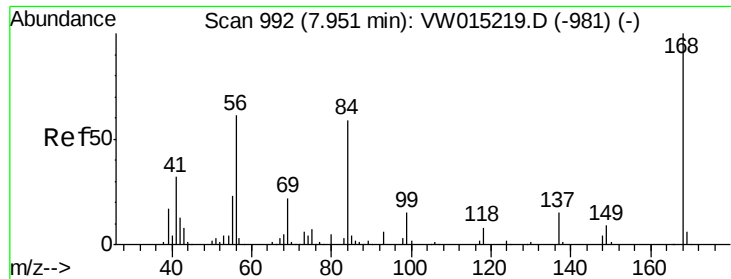
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015262.D

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MSVOA_W

ClientSampleId :

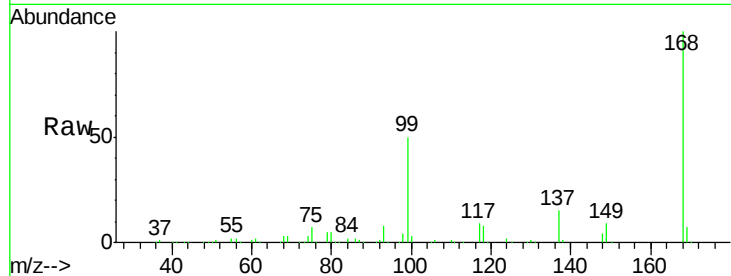
BG-6

Tot Ion:168 Resp: 209771

Ion Ratio Lower Upper

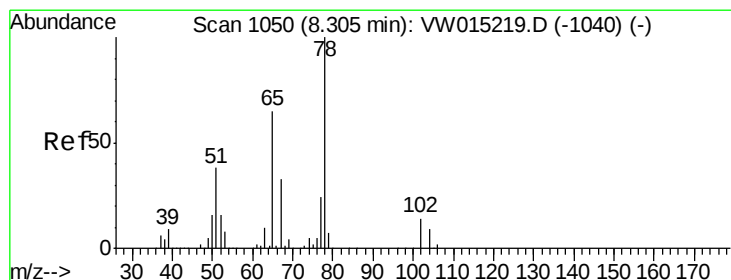
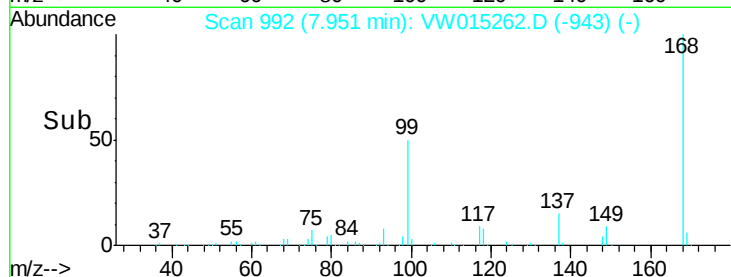
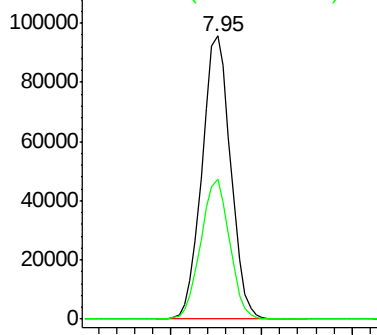
168 100

99 49.6 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: 48.719 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015262.D

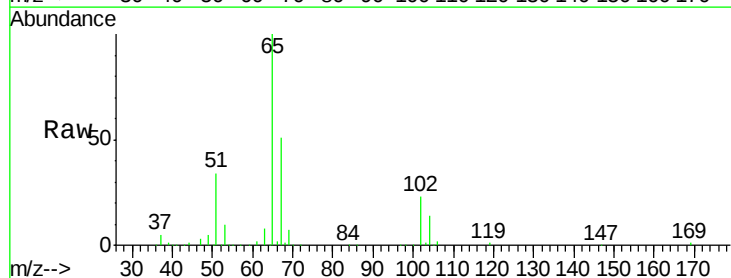
Acq: 21 Apr 2020 15:06

Tgt Ion: 65 Resp: 83572

Ion Ratio Lower Upper

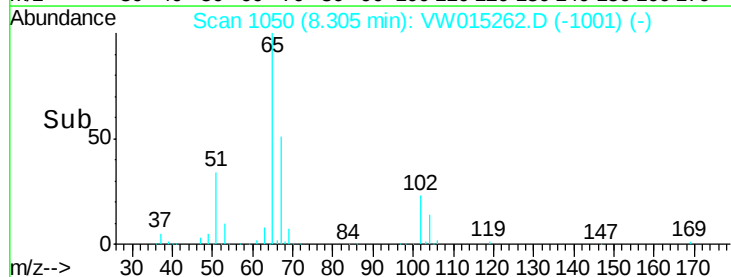
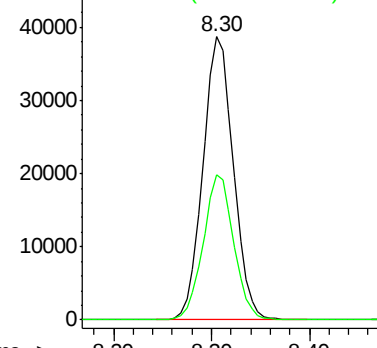
65 100

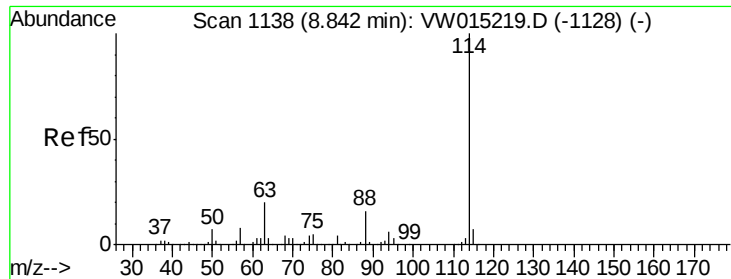
67 51.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

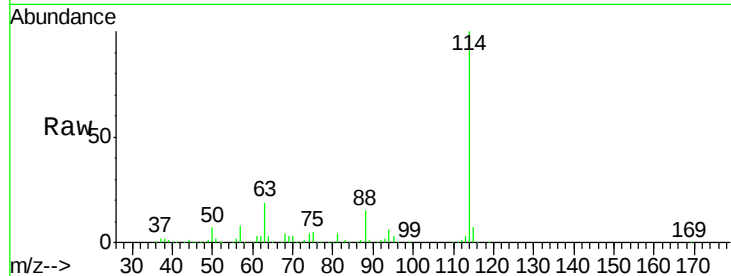




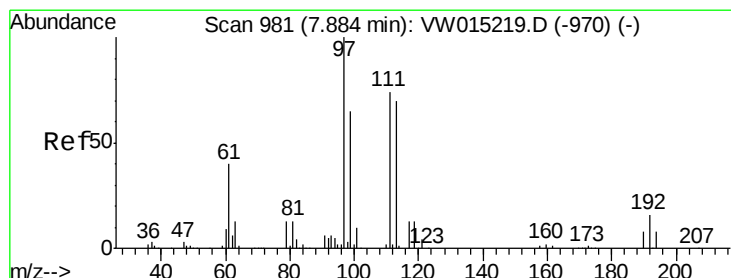
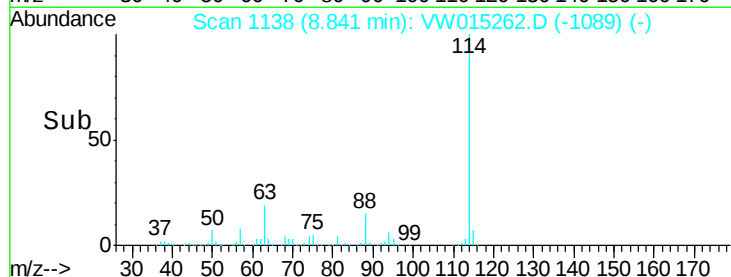
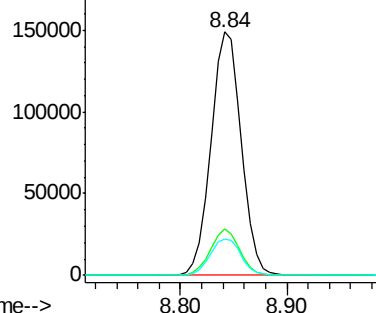
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015262.D
 Acq: 21 Apr 2020 15:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BG-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.8
88	15.1	0.0	30.2

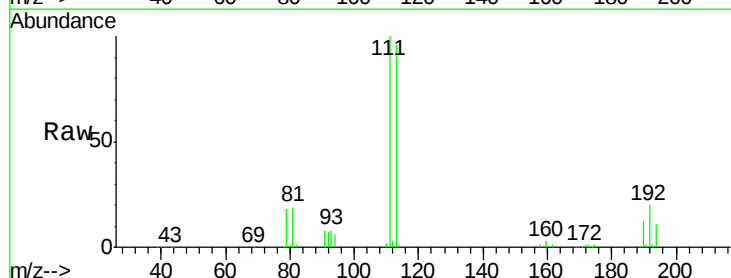


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

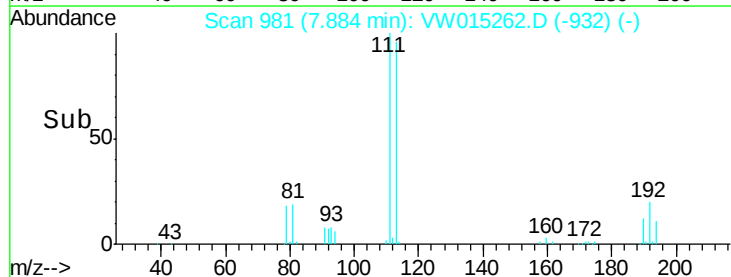
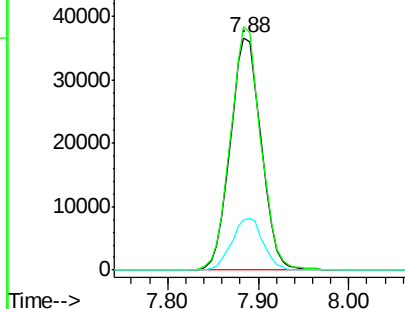


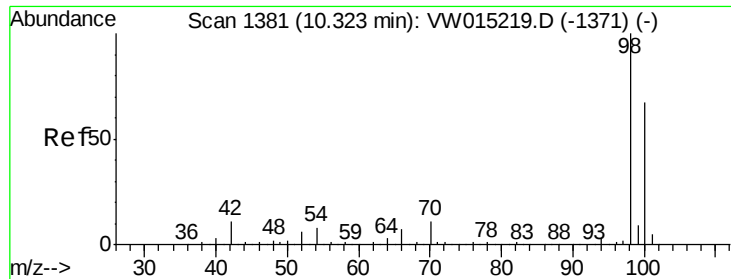
#35
 Dibromofluoromethane
 Concen: 52.572 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015262.D
 Acq: 21 Apr 2020 15:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.4
192	22.6	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: 49.914 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015262.D

Acq: 21 Apr 2020 15:06

Instrument :

MSVOA_W

ClientSampleId :

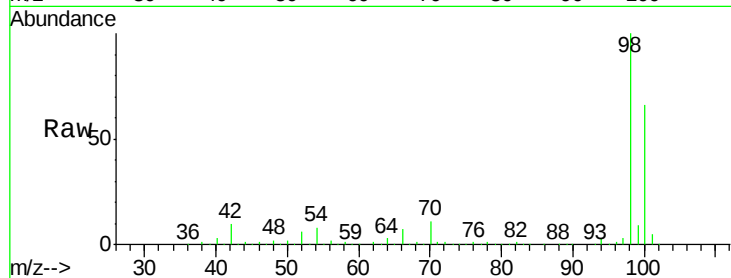
BG-6

Tot Ion: 98 Resp: 346074

Ion Ratio Lower Upper

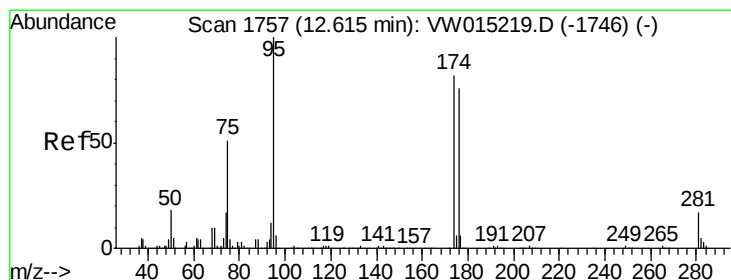
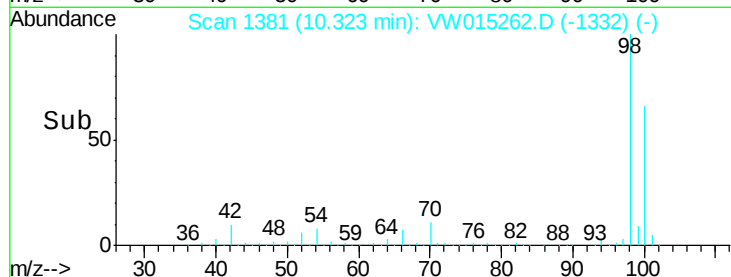
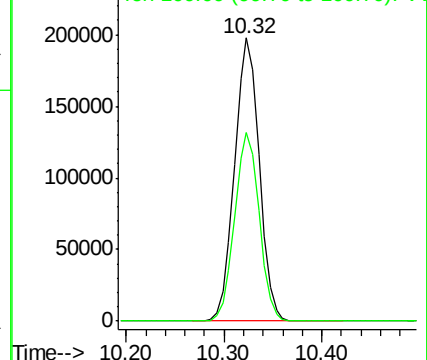
98 100

100 66.2 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: 40.349 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015262.D

Acq: 21 Apr 2020 15:06

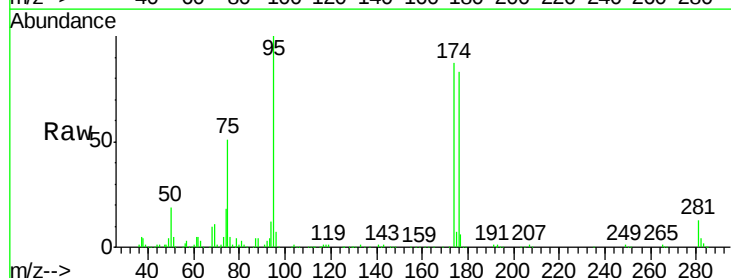
Tgt Ion: 95 Resp: 106740

Ion Ratio Lower Upper

95 100

174 90.2 0.0 144.4

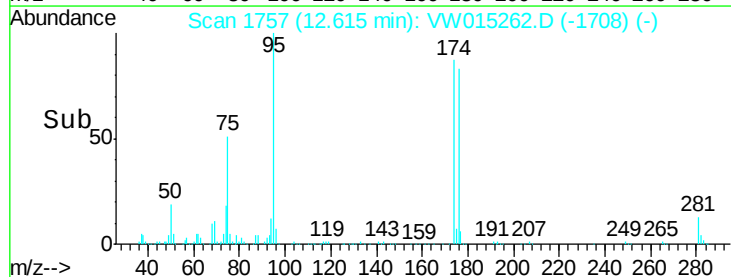
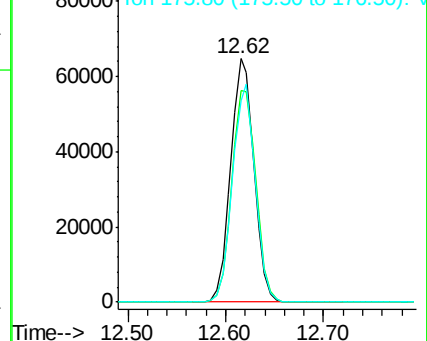
176 87.7 0.0 140.6

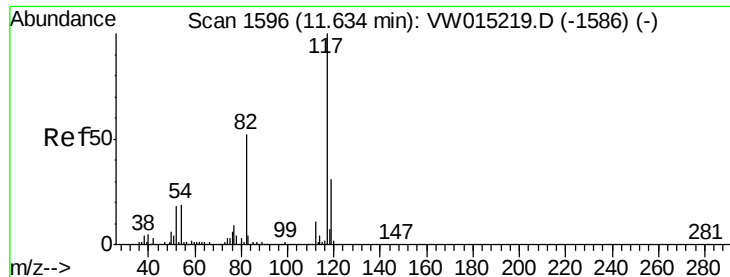


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

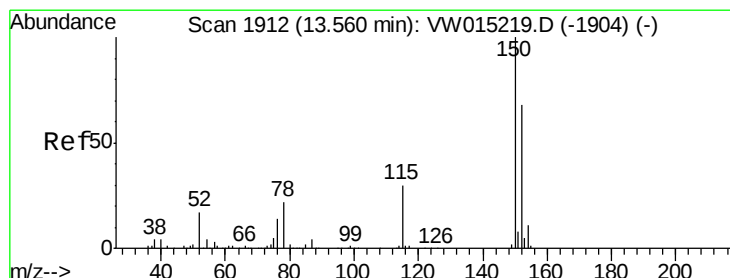
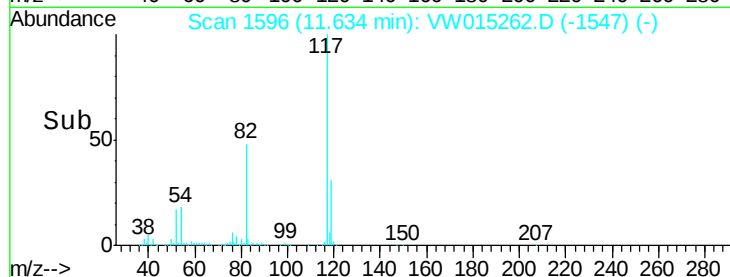
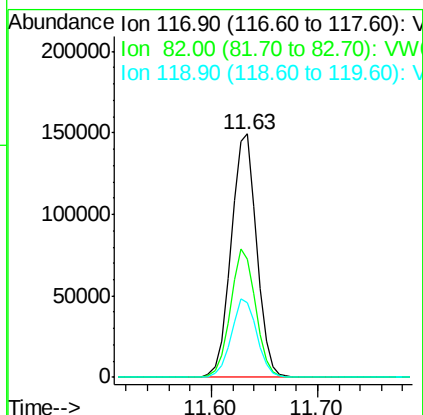
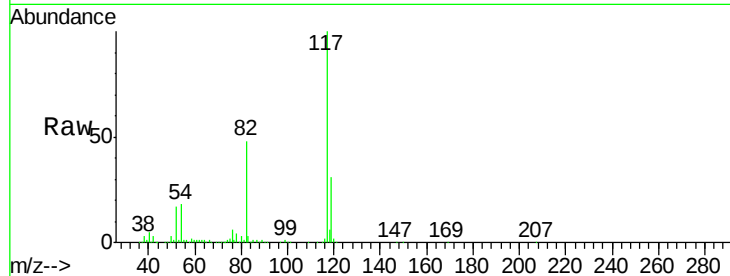




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015262.D
Acq: 21 Apr 2020 15:06

Instrument :
MSVOA_W
ClientSampleId :
BG-6

Tot Ion:117 Resp: 251502
Ion Ratio Lower Upper
117 100
82 48.4 44.1 66.1
119 30.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015262.D
Acq: 21 Apr 2020 15:06

Tgt Ion:152 Resp: 101683
Ion Ratio Lower Upper
152 100
115 56.3 31.3 93.9
150 158.5 0.0 343.4

