

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015270.D
 Acq On : 21 Apr 2020 18:28
 Operator : SY/VA
 Sample : L2314-04
 Misc : 4.11G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-3-2

Quant Time: Apr 22 07:30:51 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	215212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	116487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82176	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
35) Dibromofluoromethane	7.88	113	85494	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	10.32	98	363809	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	119270	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	

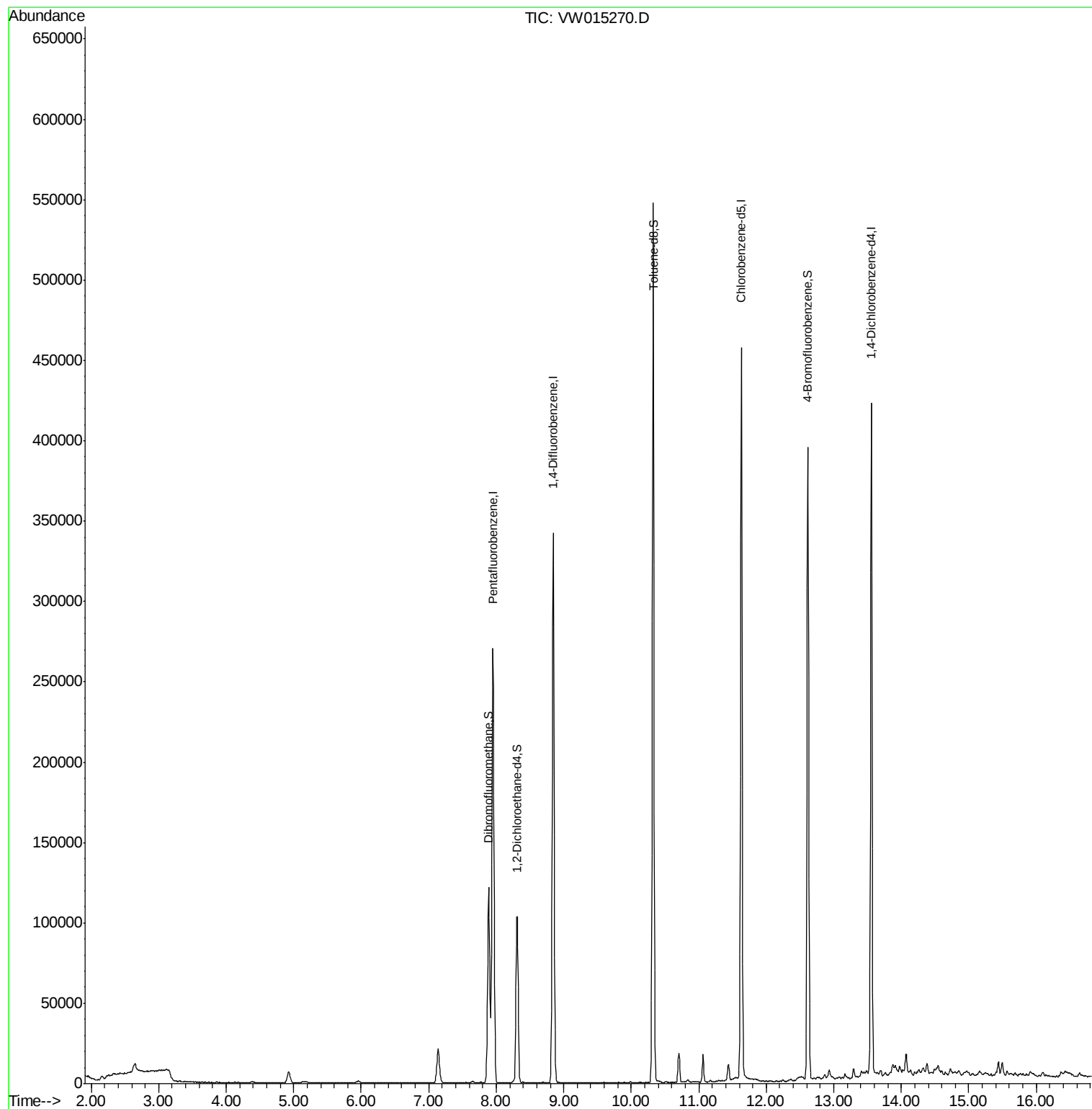
Target Compounds	Qvalue
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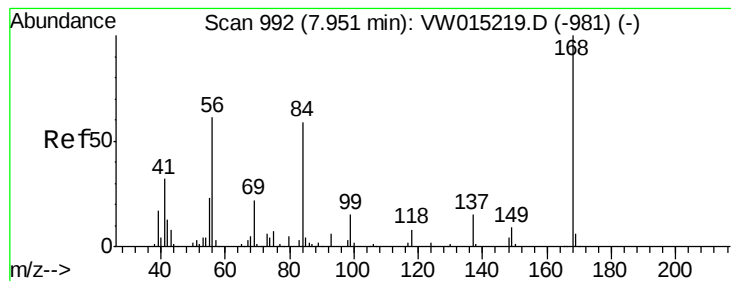
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

ClientSampled :

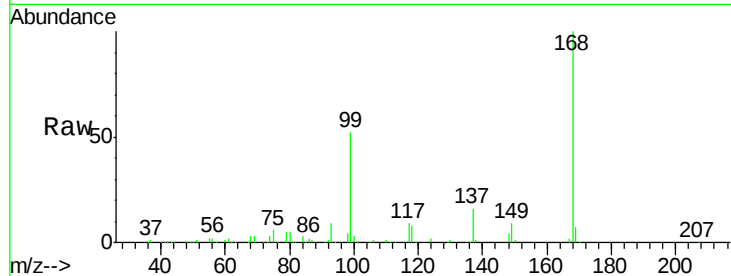
WB-3-2

Tot Ion:168 Resp: 215212

Ion Ratio Lower Upper

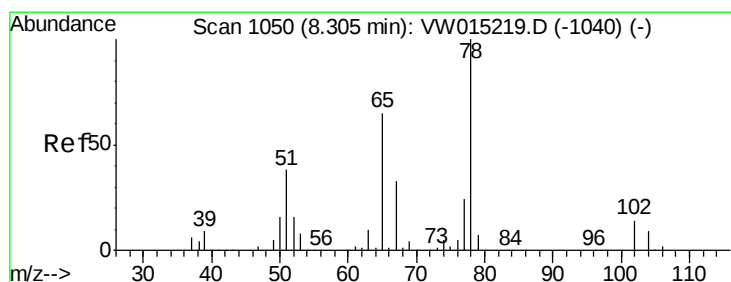
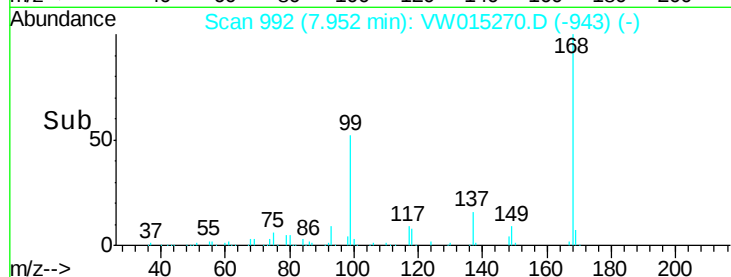
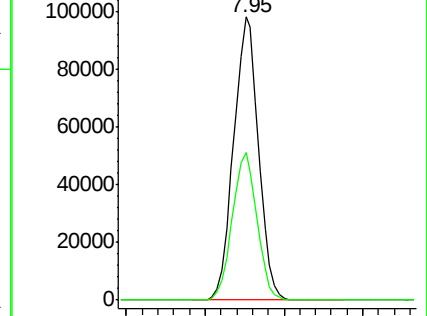
168 100

99 52.3 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: 46.694 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015270.D

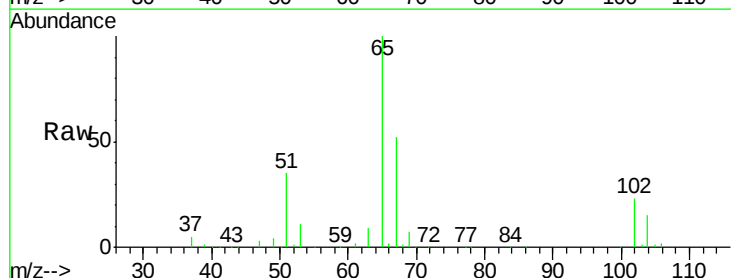
Acq: 21 Apr 2020 18:28

Tgt Ion: 65 Resp: 82176

Ion Ratio Lower Upper

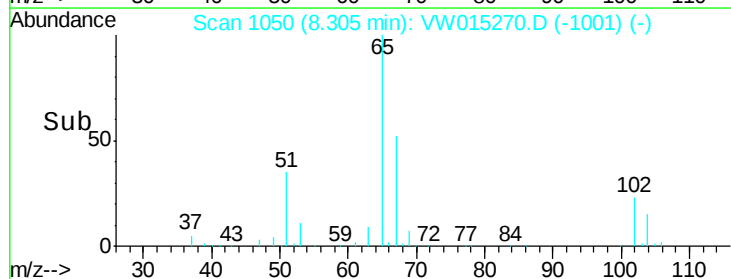
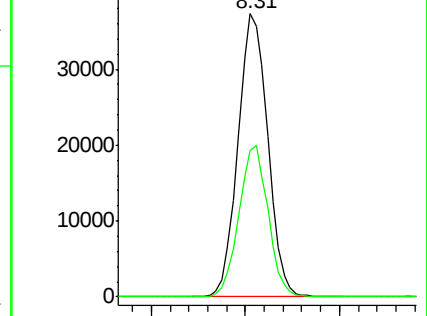
65 100

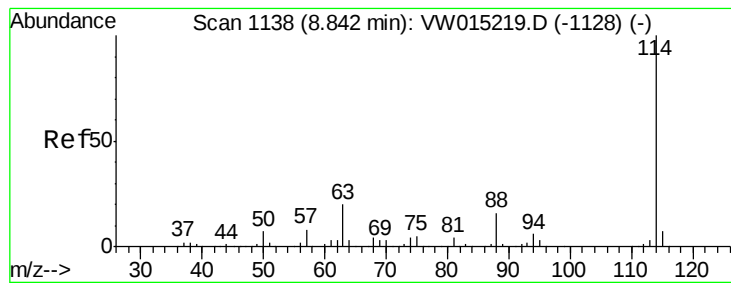
67 52.6 0.0 107.0



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: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

WB-3-2

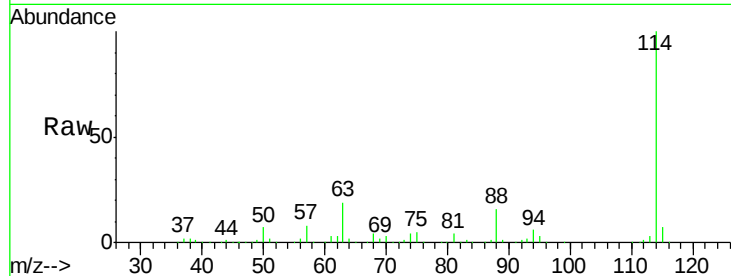
Tot Ion:114 Resp: 304297

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

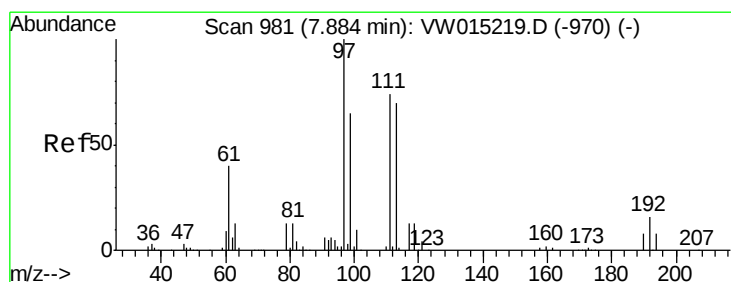
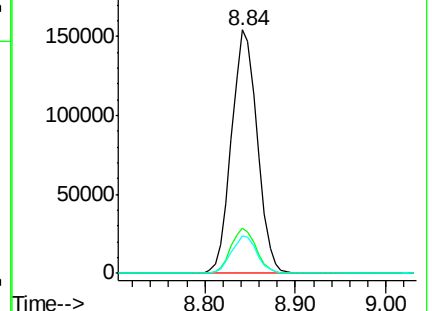
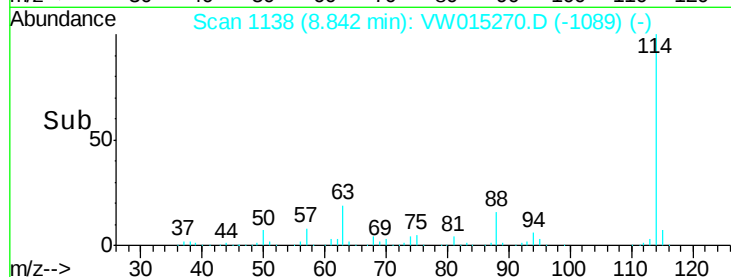
88 15.5 0.0 30.2



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: 50.722 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

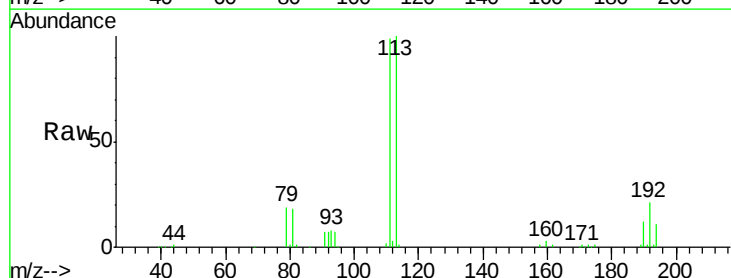
Tgt Ion:113 Resp: 85494

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

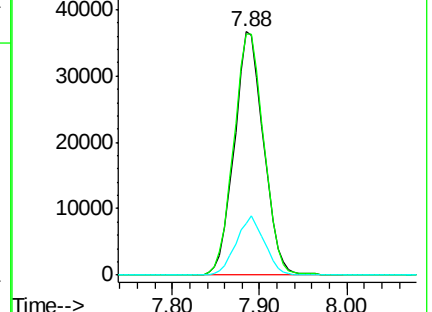
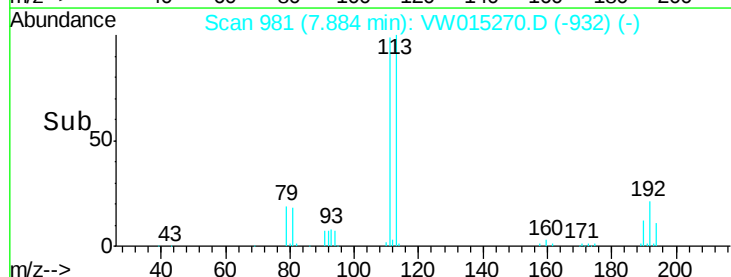
192 23.5 15.1 22.7#

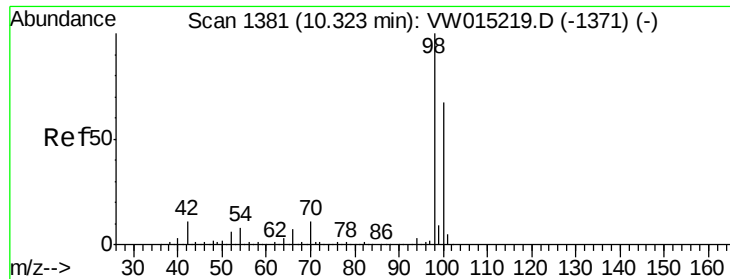


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.308 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

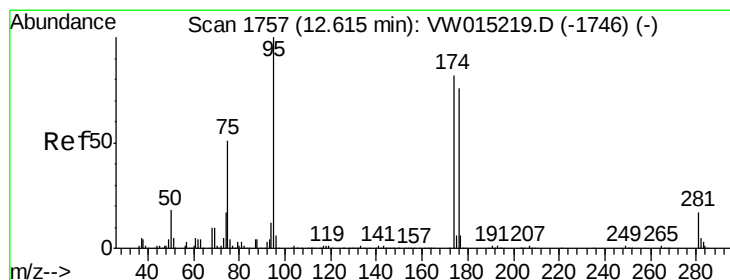
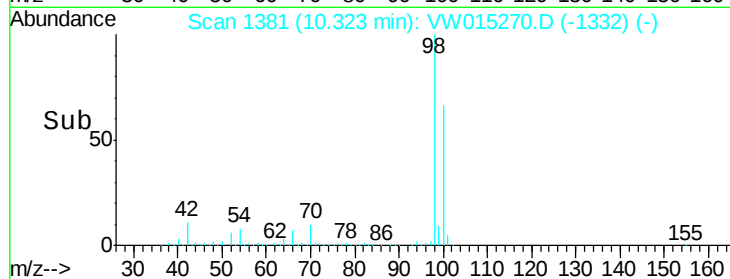
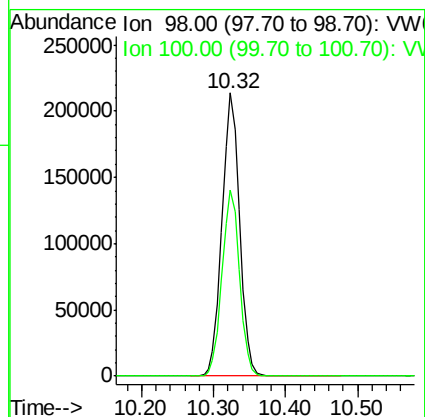
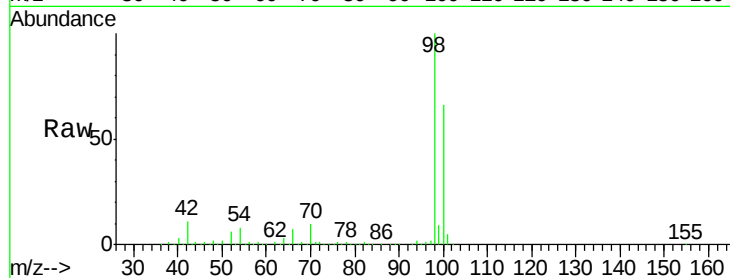
WB-3-2

Tot Ion: 98 Resp: 363809

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.086 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015270.D

Acq: 21 Apr 2020 18:28

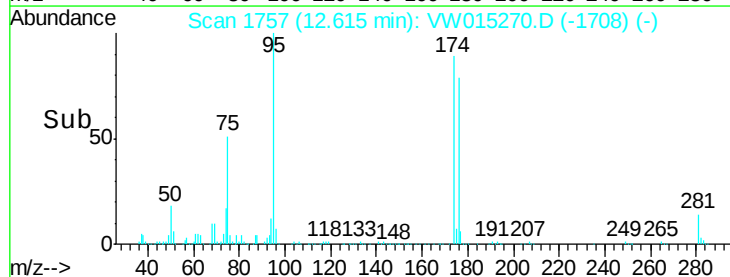
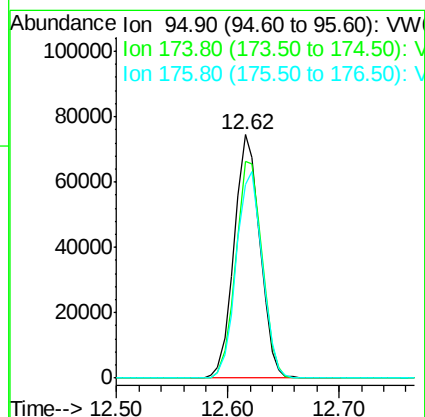
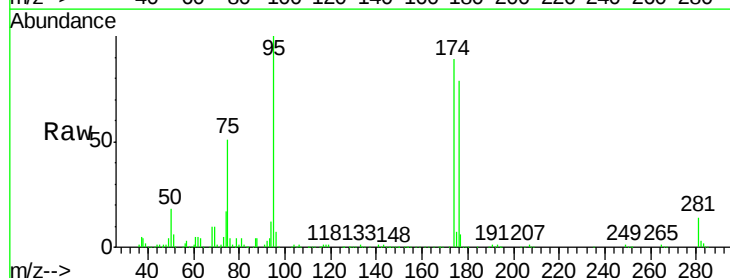
Tgt Ion: 95 Resp: 119270

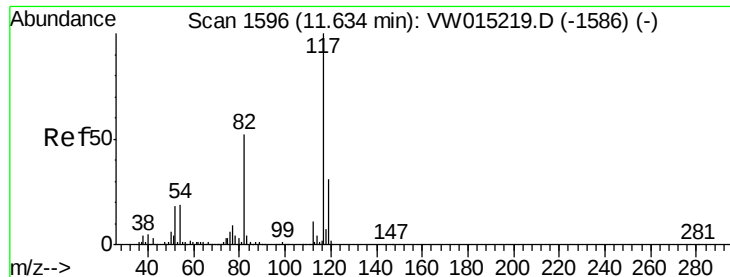
Ion Ratio Lower Upper

95 100

174 91.1 0.0 144.4

176 85.9 0.0 140.6

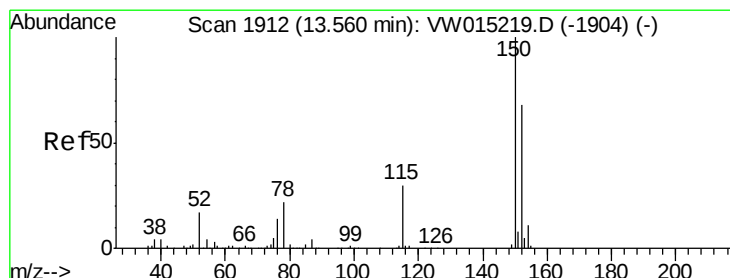
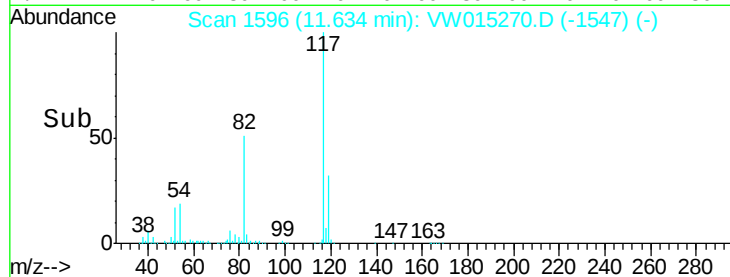
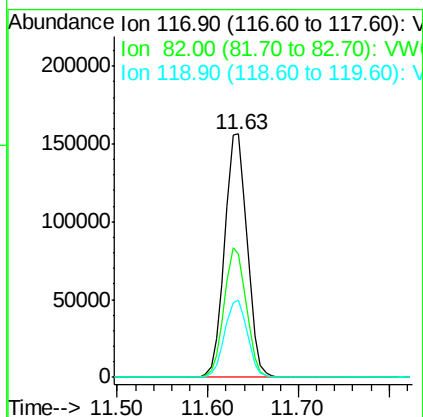
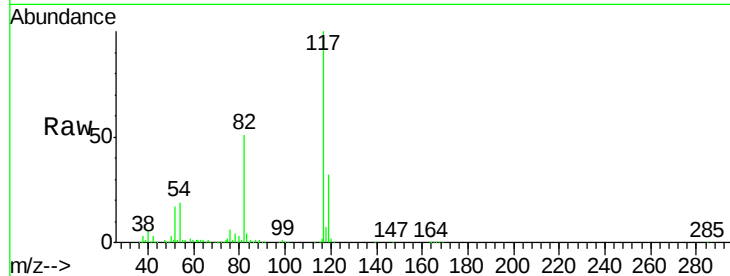




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Instrument :
MSVOA_W
ClientSampleId :
WB-3-2

Tot Ion:117 Resp: 269760
Ion Ratio Lower Upper
117 100
82 50.8 44.1 66.1
119 31.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015270.D
Acq: 21 Apr 2020 18:28

Tgt Ion:152 Resp: 116487
Ion Ratio Lower Upper
152 100
115 57.5 31.3 93.9
150 158.1 0.0 343.4

