

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015271.D
 Acq On : 21 Apr 2020 18:54
 Operator : SY/VA
 Sample : L2314-05
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1

Quant Time: Apr 22 07:33:37 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	96711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	135833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36834	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.89	113	37259	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	10.32	98	157040	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	47802	39.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.16%	

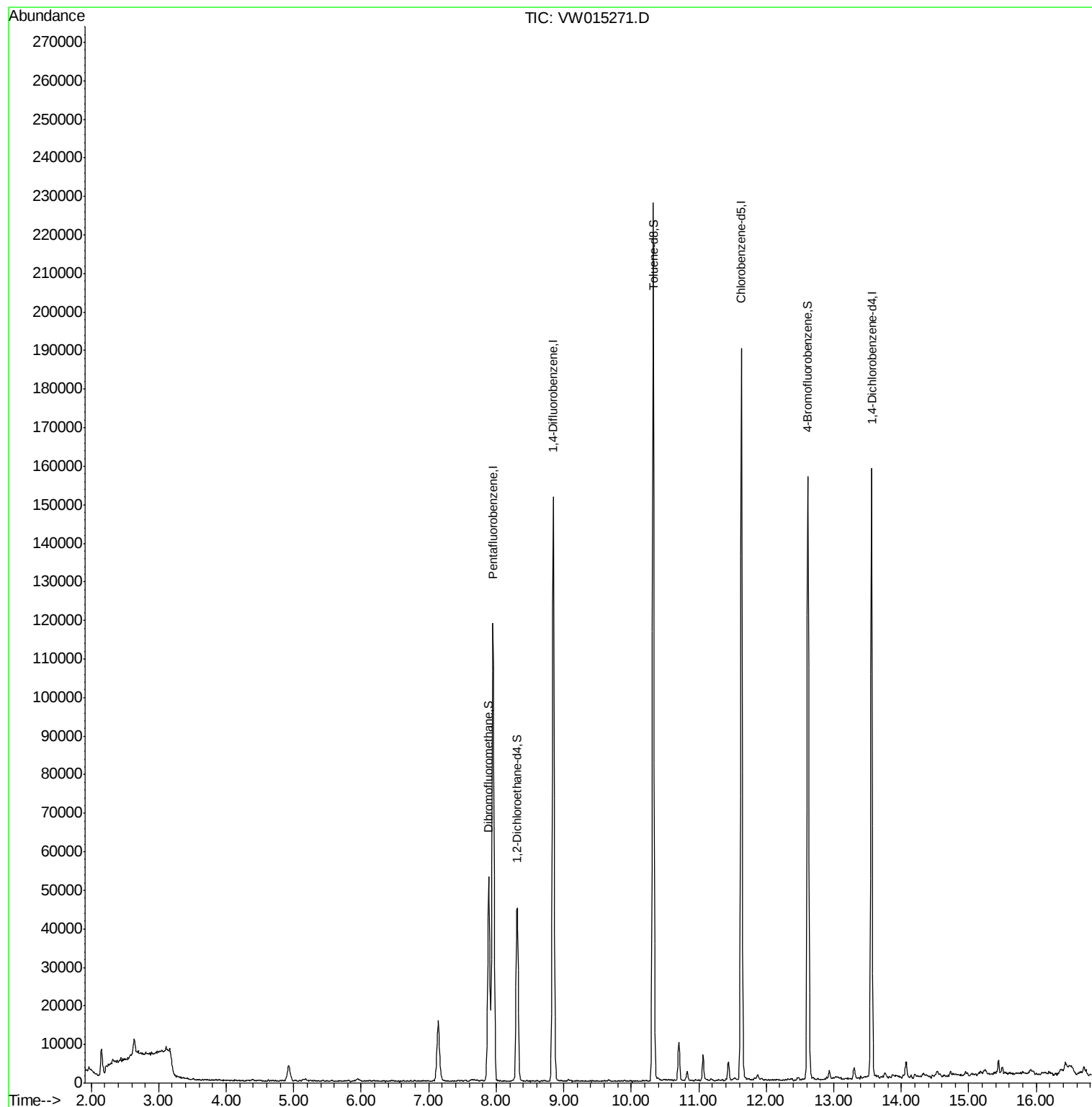
Target Compounds Qvalue

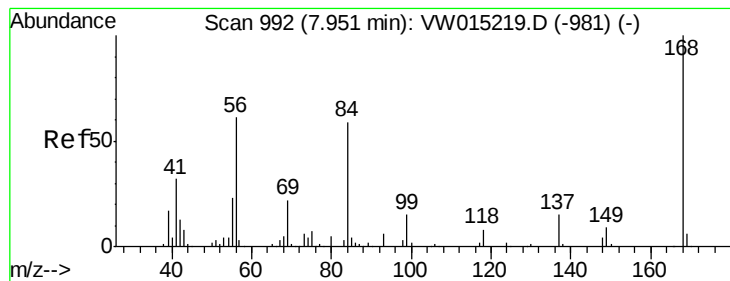
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 06:39:58 2020
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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: VW015271.D

Acq: 21 Apr 2020 18:54

Instrument :

MSVOA_W

ClientSampled :

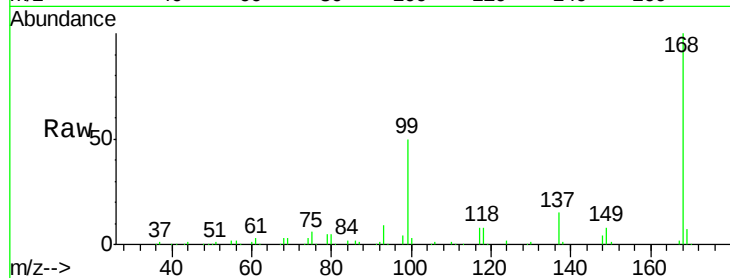
WB-4-1

Tot Ion:168 Resp: 96711

Ion Ratio Lower Upper

168 100

99 50.4 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

40000

30000

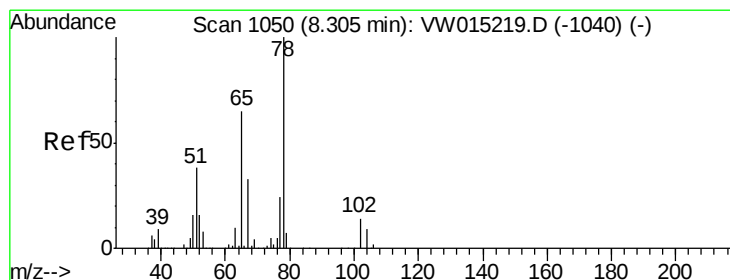
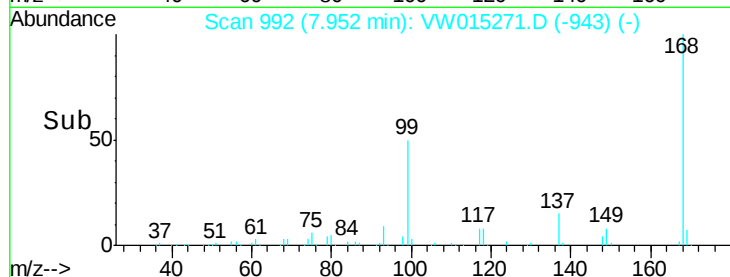
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.575 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW015271.D

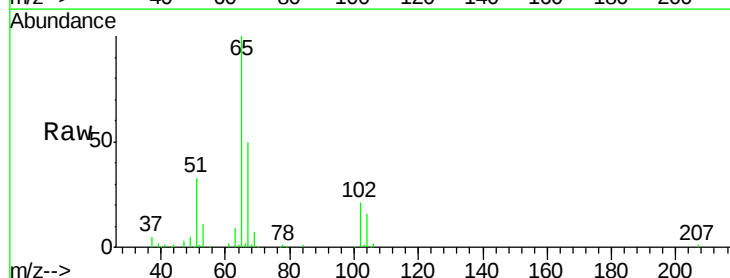
Acq: 21 Apr 2020 18:54

Tgt Ion: 65 Resp: 36834

Ion Ratio Lower Upper

65 100

67 50.5 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

15000

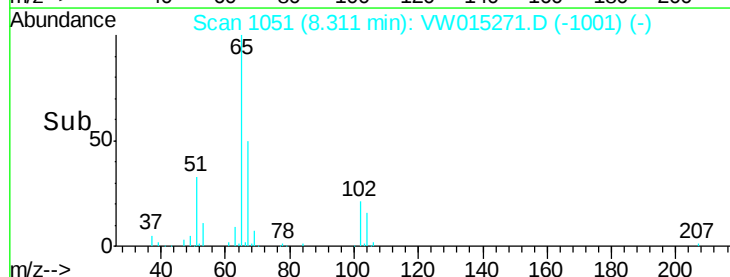
10000

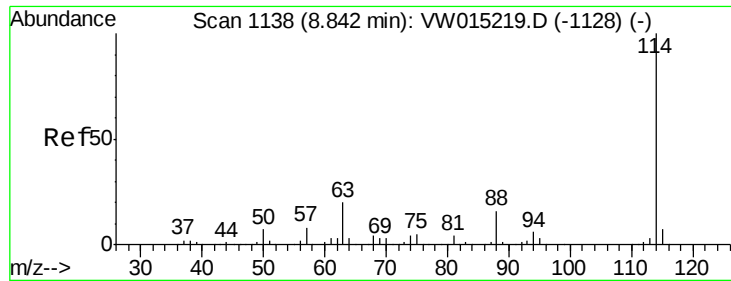
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->

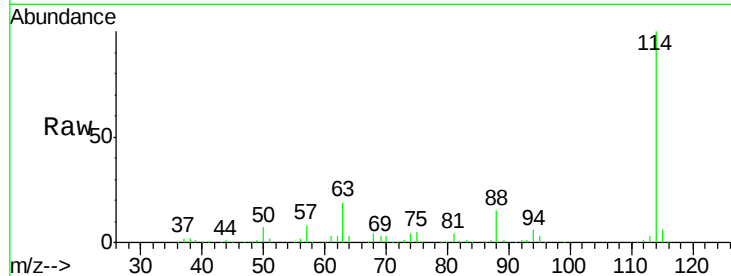




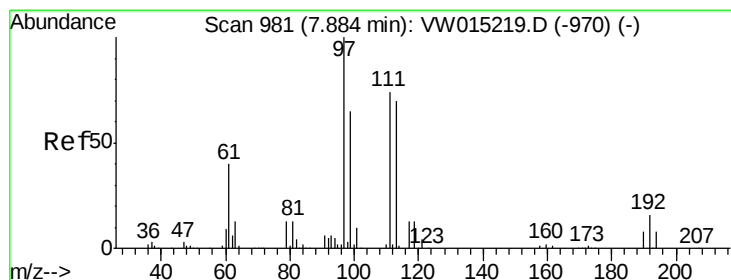
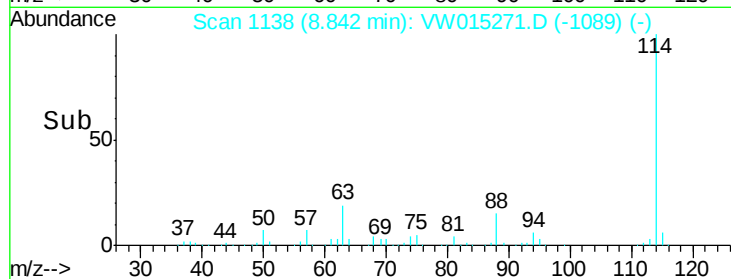
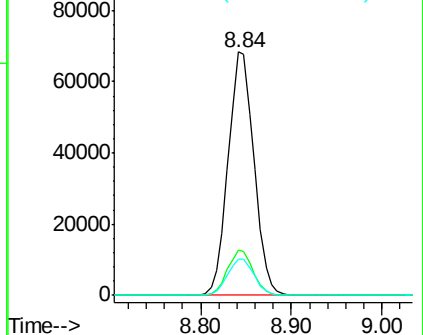
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-4-1

Tot Ion:114 Resp: 135833
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.8
 88 15.0 0.0 30.2

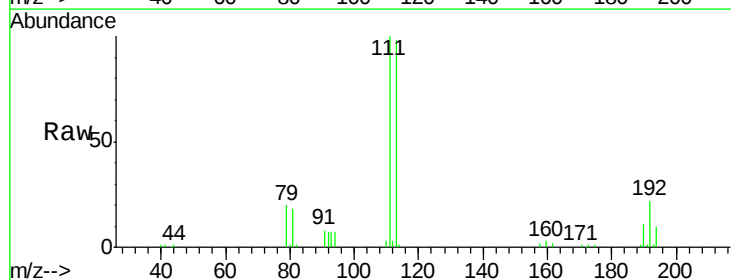


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

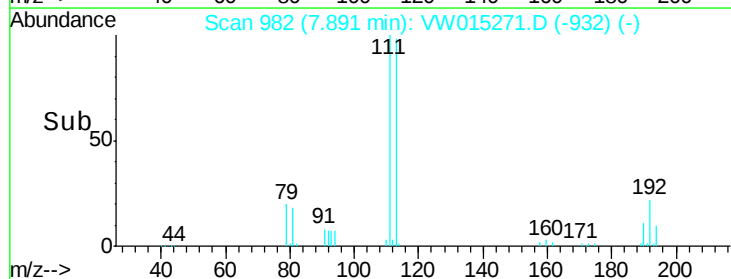
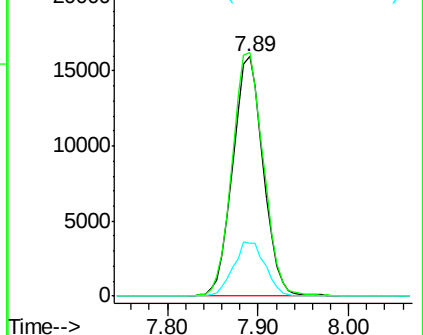


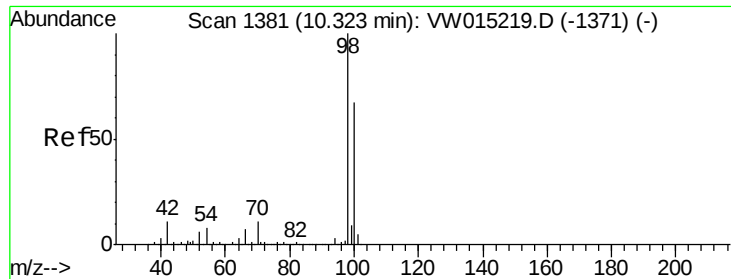
#35
 Dibromofluoromethane
 Concen: 49.520 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015271.D
 Acq: 21 Apr 2020 18:54

Tgt Ion:113 Resp: 37259
 Ion Ratio Lower Upper
 113 100
 111 104.0 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: 49.616 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

Instrument :

MSVOA_W

ClientSampleId :

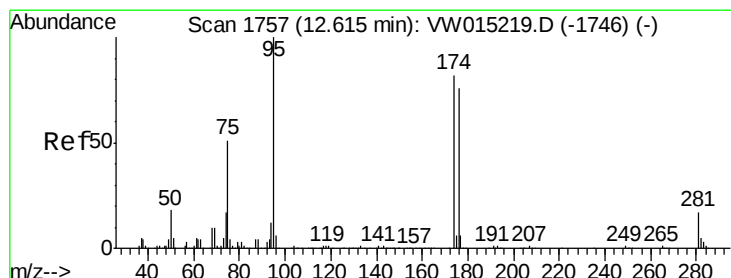
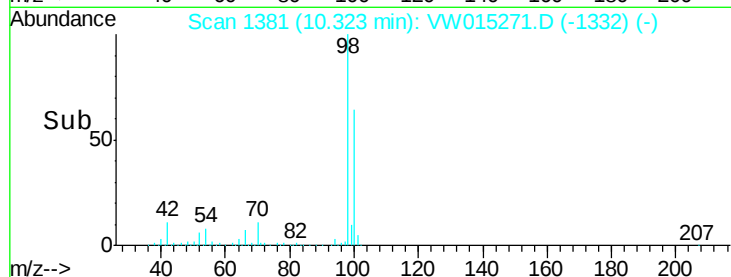
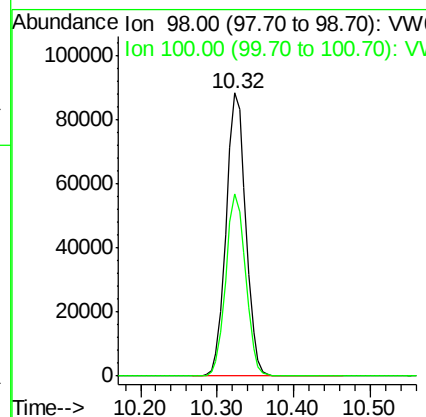
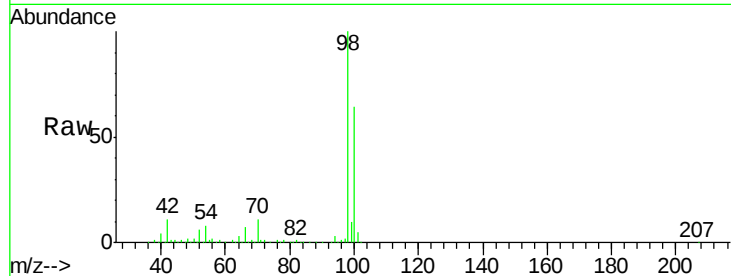
WB-4-1

Tot Ion: 98 Resp: 157040

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 39.583 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015271.D

Acq: 21 Apr 2020 18:54

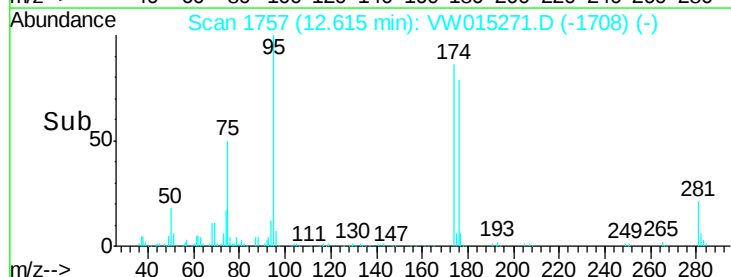
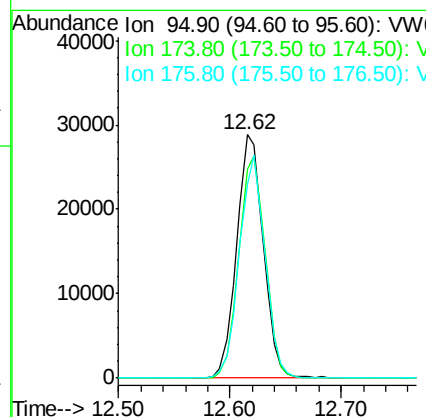
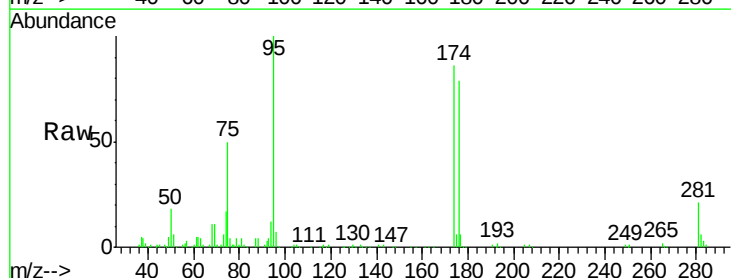
Tgt Ion: 95 Resp: 47802

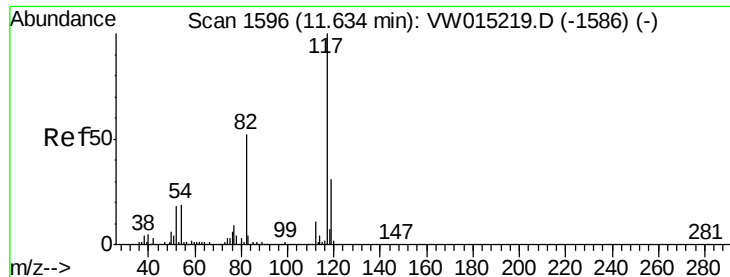
Ion Ratio Lower Upper

95 100

174 90.4 0.0 144.4

176 87.9 0.0 140.6

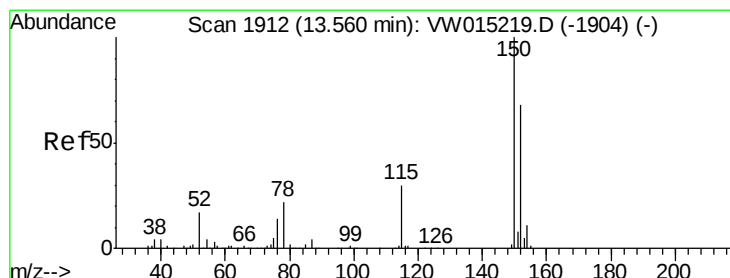
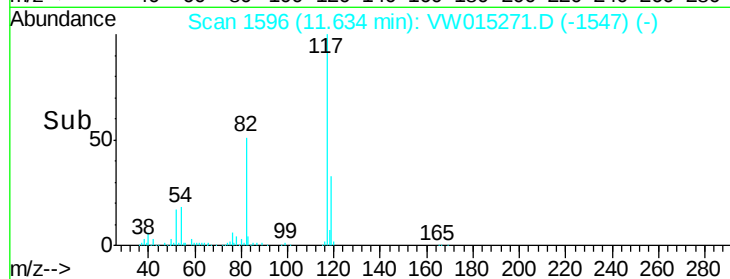
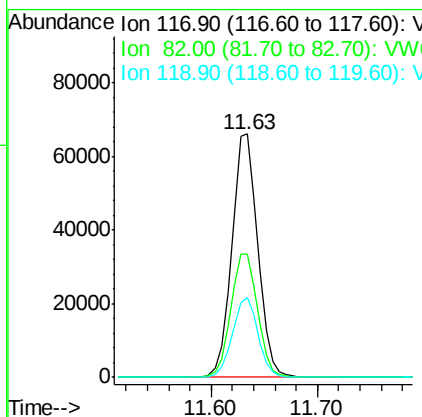
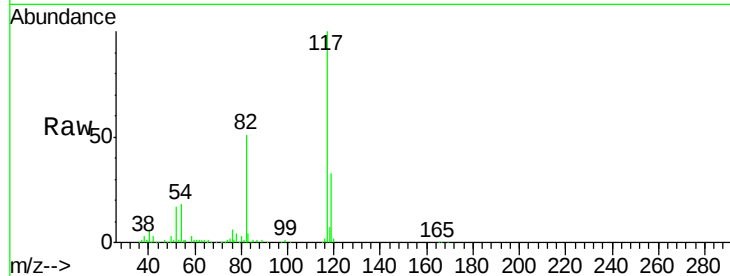




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015271.D
Acq: 21 Apr 2020 18:54

Instrument :
MSVOA_W
ClientSampleId :
WB-4-1

Tot Ion:117 Resp: 112930
Ion Ratio Lower Upper
117 100
82 50.8 44.1 66.1
119 32.7 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: VW015271.D
Acq: 21 Apr 2020 18:54

Tgt Ion:152 Resp: 44967
Ion Ratio Lower Upper
152 100
115 56.0 31.3 93.9
150 157.9 0.0 343.4

