

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015269.D
 Acq On : 21 Apr 2020 18:03
 Operator : SY/VA
 Sample : L2314-03
 Misc : 4.98G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-3-1

Quant Time: Apr 22 07:28:05 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	132778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	189918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	66011	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	55506	51.12	ug/l	0.00
Spiked Amount						
			Recovery	=	102.24%	
35) Dibromofluoromethane	7.88	113	53548	50.90	ug/l	0.00
Spiked Amount						
			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	221869	50.14	ug/l	0.00
Spiked Amount						
			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.62	95	74830	44.32	ug/l	0.00
Spiked Amount						
			Recovery	=	88.64%	

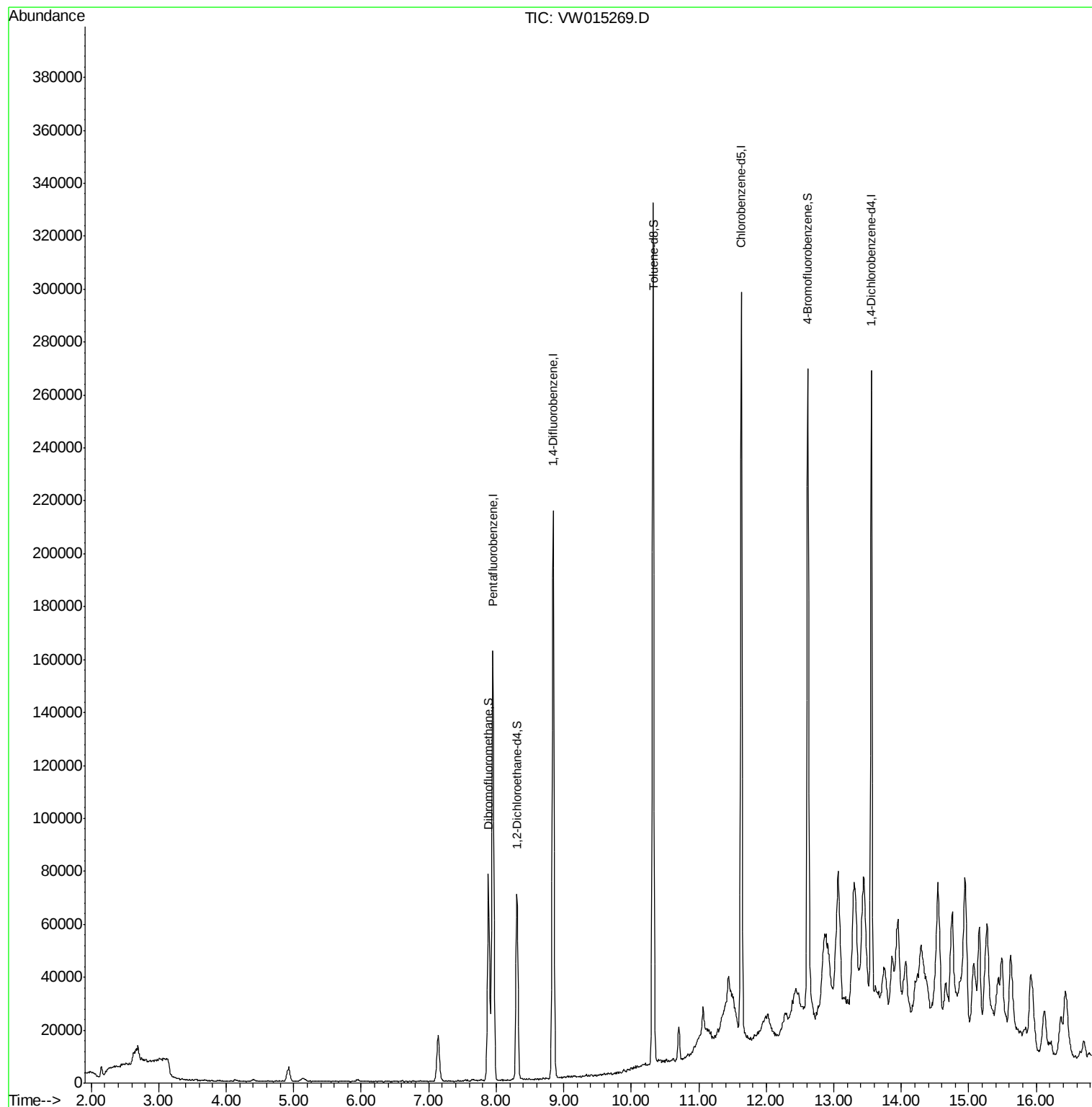
Target Compounds	Qvalue
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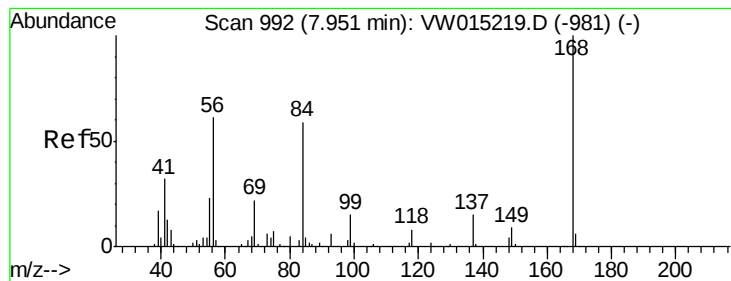
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015269.D

Acq: 21 Apr 2020 18:03

Instrument :

MSVOA_W

ClientSampleId :

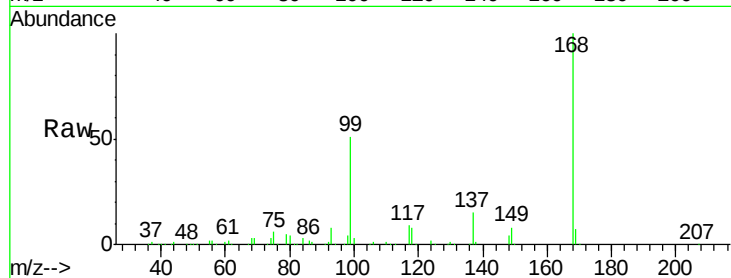
WB-3-1

Tot Ion:168 Resp: 132778

Ion Ratio Lower Upper

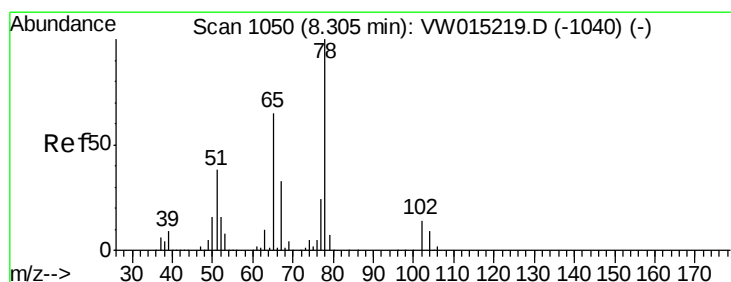
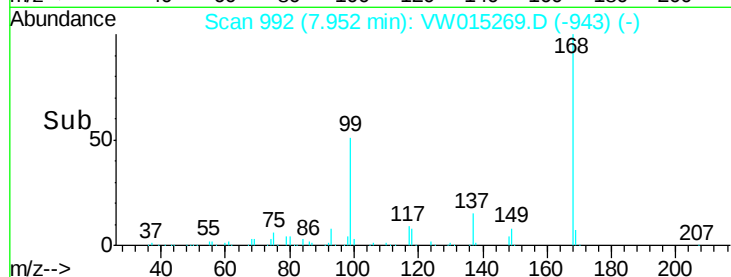
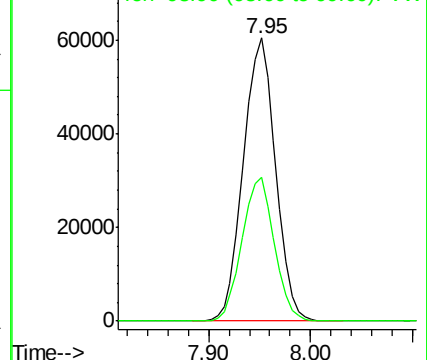
168 100

99 50.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 51.120 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015269.D

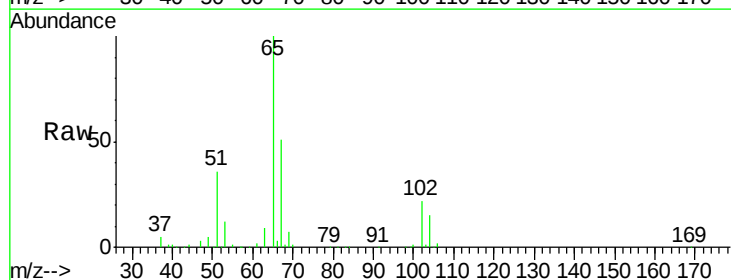
Acq: 21 Apr 2020 18:03

Tgt Ion: 65 Resp: 55506

Ion Ratio Lower Upper

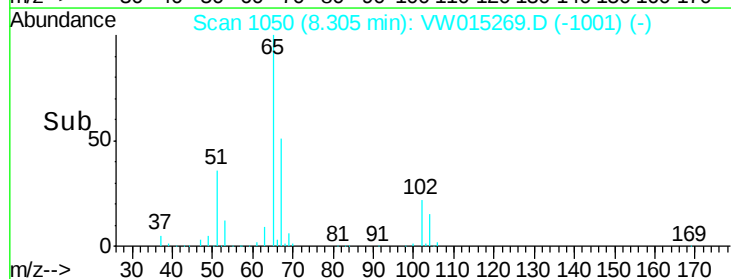
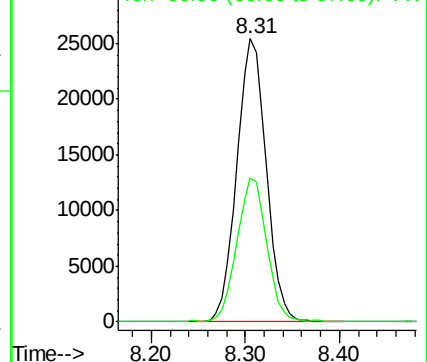
65 100

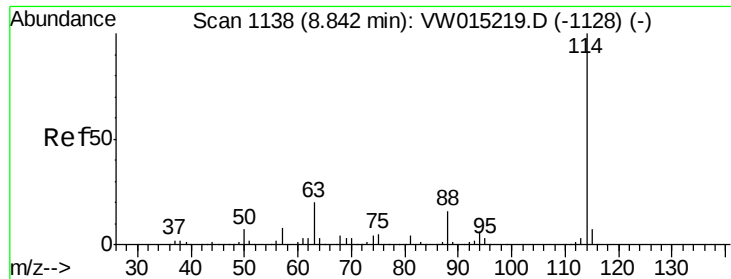
67 51.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

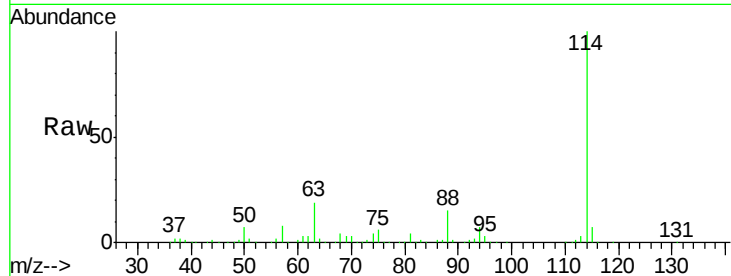




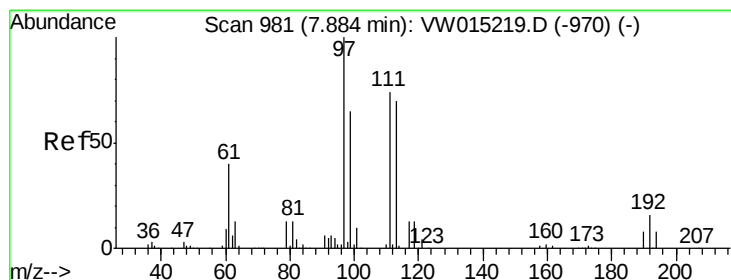
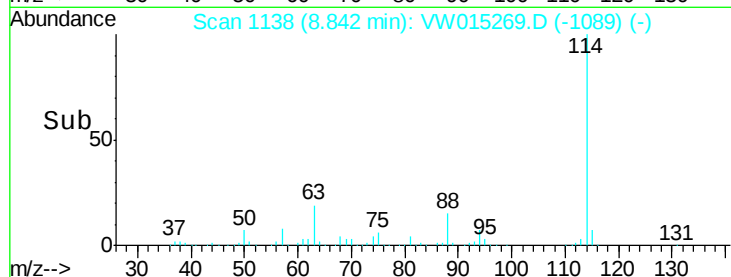
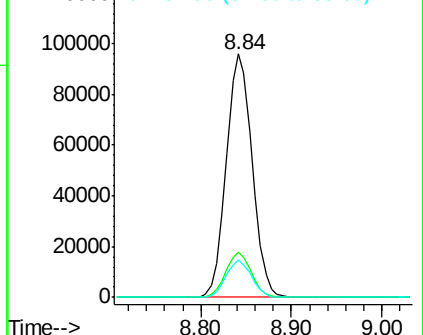
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015269.D
 Acq: 21 Apr 2020 18:03

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-3-1

Tot Ion:114 Resp: 189918
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.8
 88 15.4 0.0 30.2

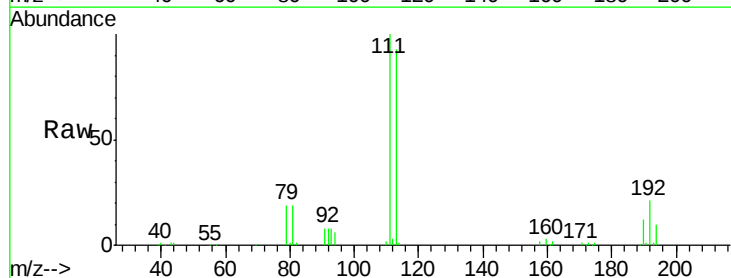


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

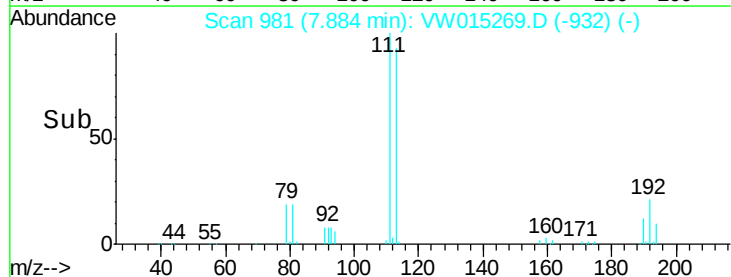
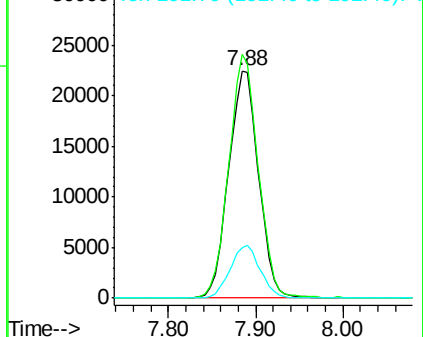


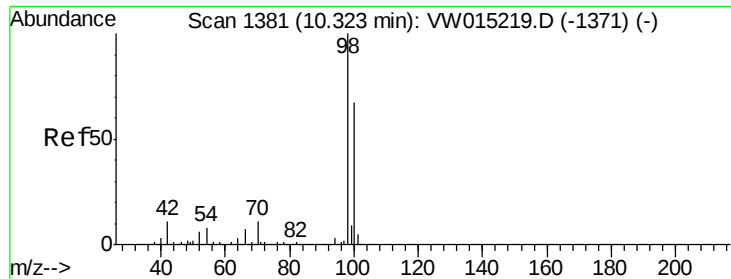
#35
 Dibromofluoromethane
 Concen: 50.902 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015269.D
 Acq: 21 Apr 2020 18:03

Tgt Ion:113 Resp: 53548
 Ion Ratio Lower Upper
 113 100
 111 105.5 83.0 124.4
 192 23.2 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: 50.135 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015269.D

Acq: 21 Apr 2020 18:03

Instrument :

MSVOA_W

ClientSampled :

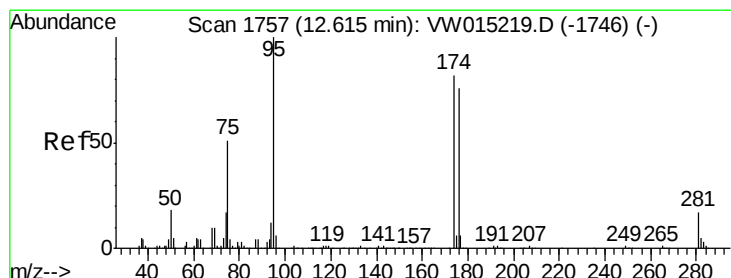
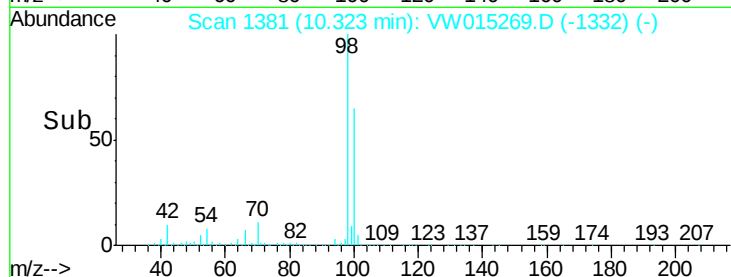
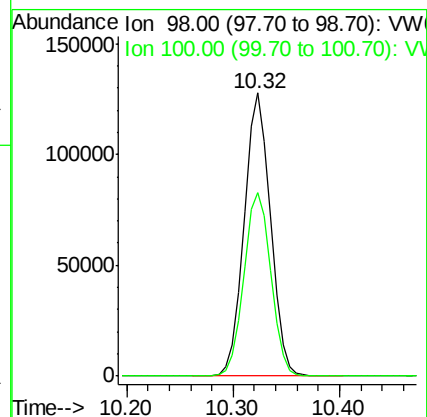
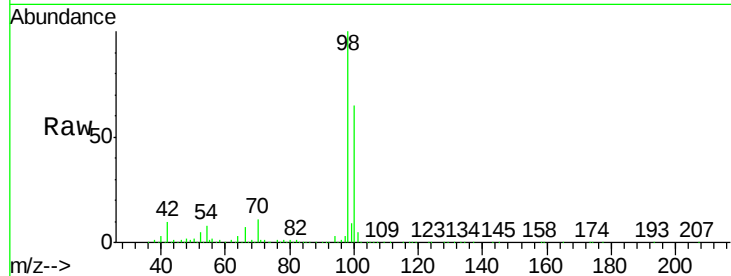
WB-3-1

Tot Ion: 98 Resp: 221869

Ion Ratio Lower Upper

98 100

100 66.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.317 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015269.D

Acq: 21 Apr 2020 18:03

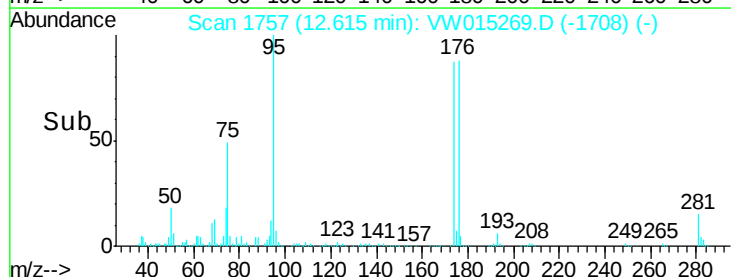
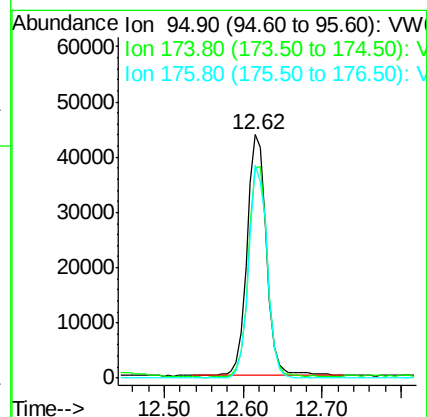
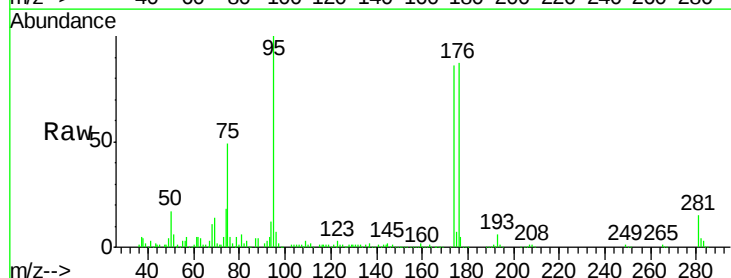
Tgt Ion: 95 Resp: 74830

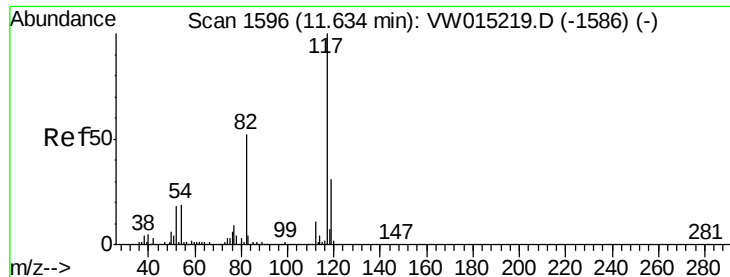
Ion Ratio Lower Upper

95 100

174 86.5 0.0 144.4

176 83.6 0.0 140.6

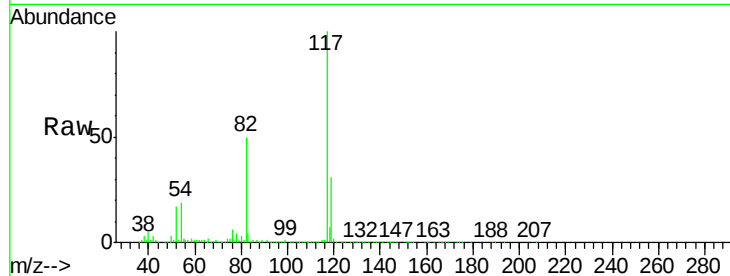




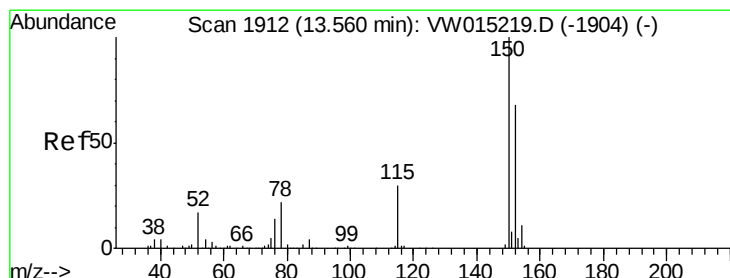
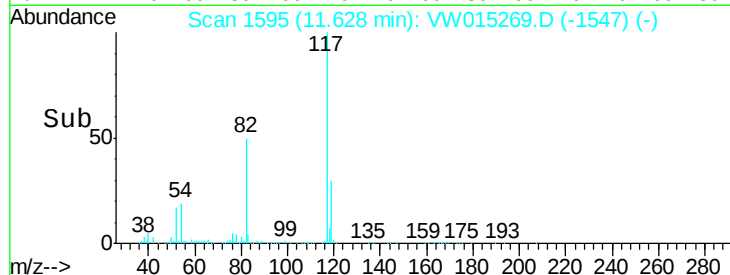
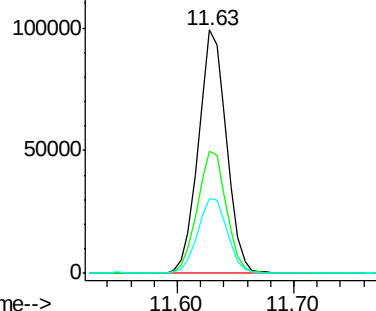
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015269.D
Acq: 21 Apr 2020 18:03

Instrument :
MSVOA_W
ClientSampled :
WB-3-1

Tot Ion:117 Resp: 164627
Ion Ratio Lower Upper
117 100
82 50.1 44.1 66.1
119 30.4 24.9 37.3

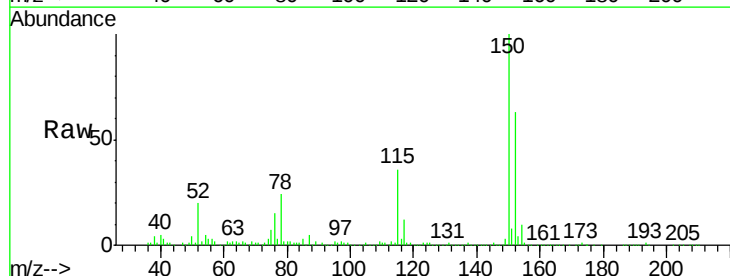


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015269.D
Acq: 21 Apr 2020 18:03

Tgt Ion:152 Resp: 66011
Ion Ratio Lower Upper
152 100
115 55.9 31.3 93.9
150 157.7 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

