

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015331.D
 Acq On : 23 Apr 2020 14:40
 Operator : SY/VA
 Sample : L2394-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 O-1A

Quant Time: Apr 24 07:37:16 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

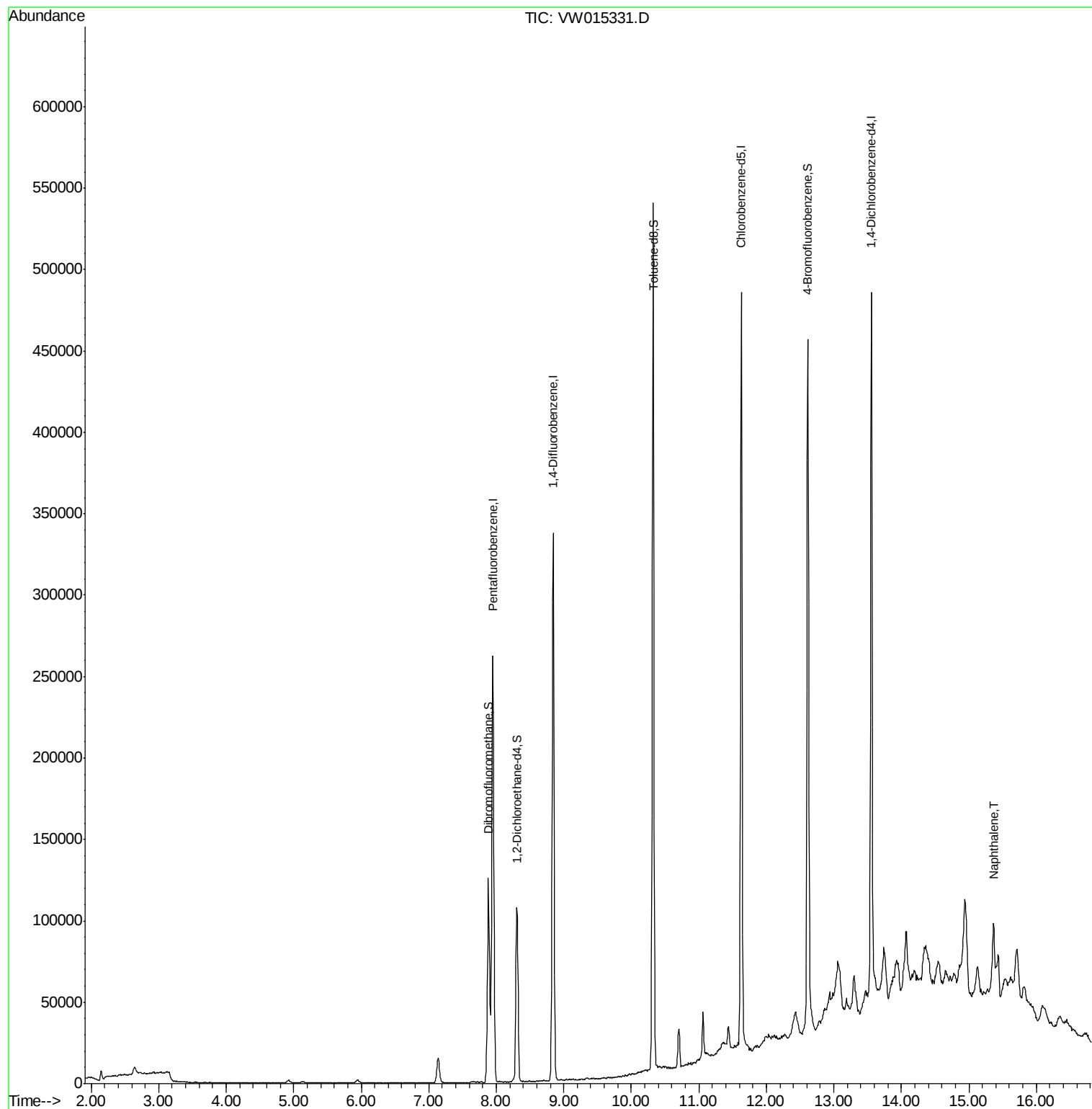
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	124750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	86698	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	7.88	113	86386	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	356455	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	126965	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
95) Naphthalene	15.36	128	30397	7.923	ug/l	Qvalue 96

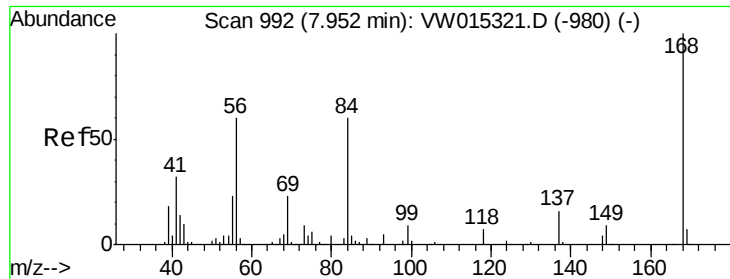
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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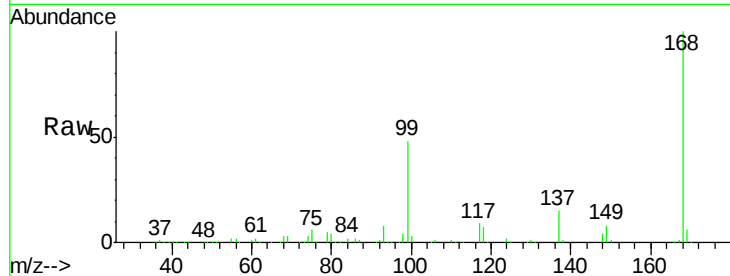
O-1A

Tot Ion:168 Resp: 214594

Ion Ratio Lower Upper

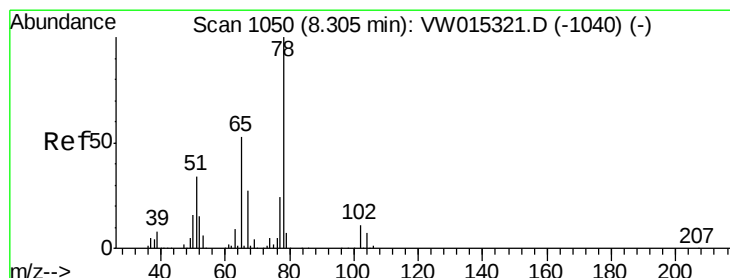
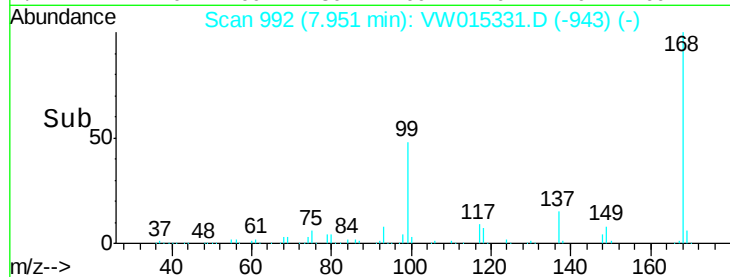
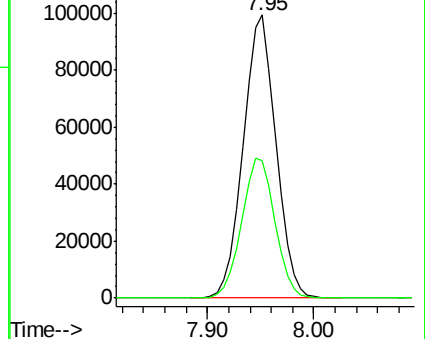
168 100

99 48.4 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: 49.405 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW015331.D

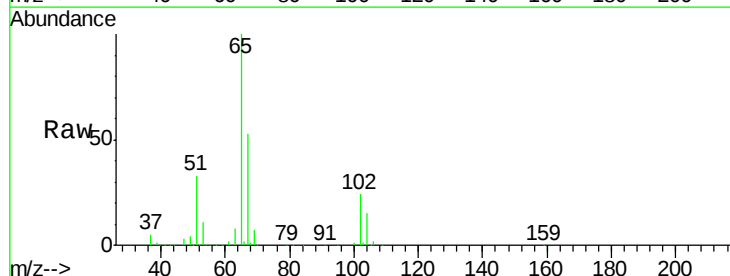
Acq: 23 Apr 2020 14:40

Tgt Ion: 65 Resp: 86698

Ion Ratio Lower Upper

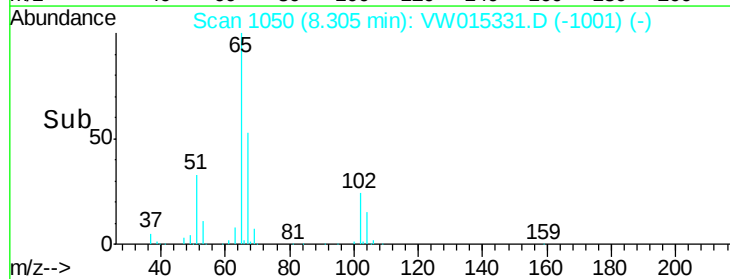
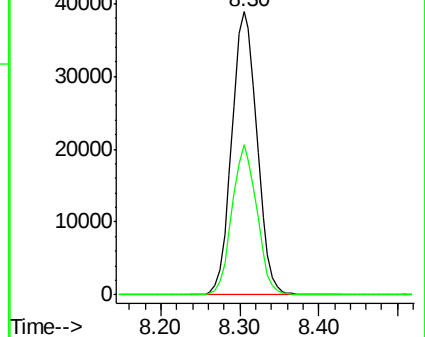
65 100

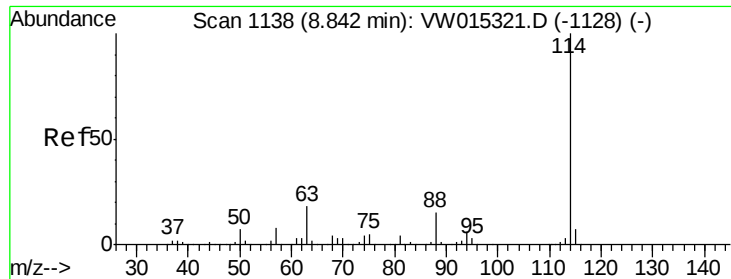
67 52.2 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

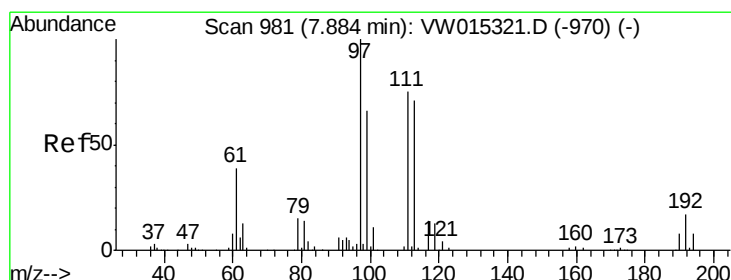
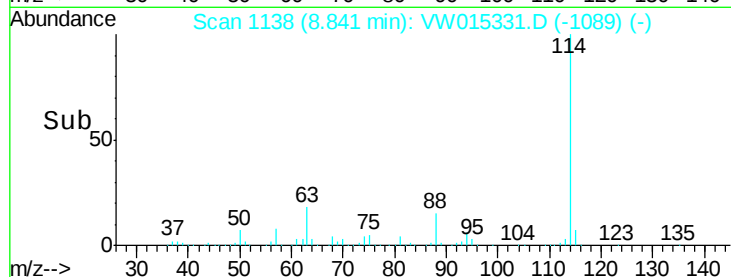
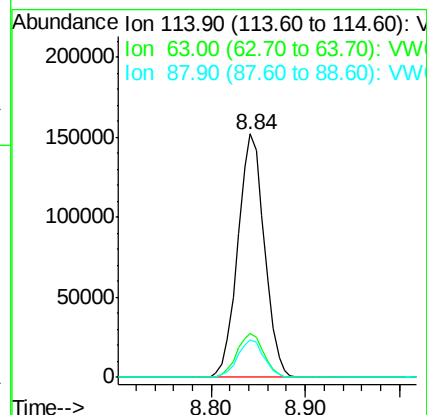
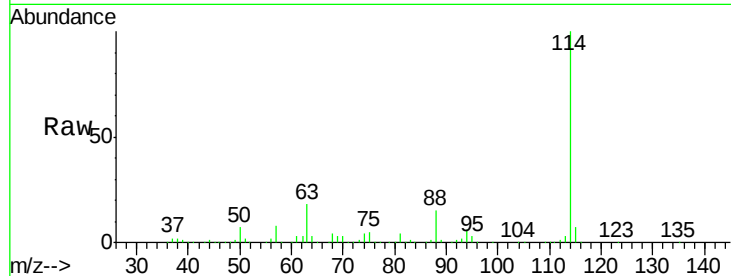




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

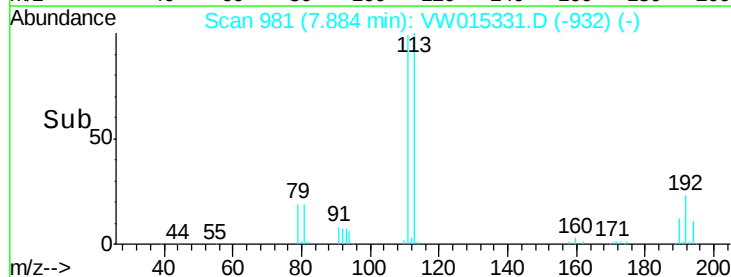
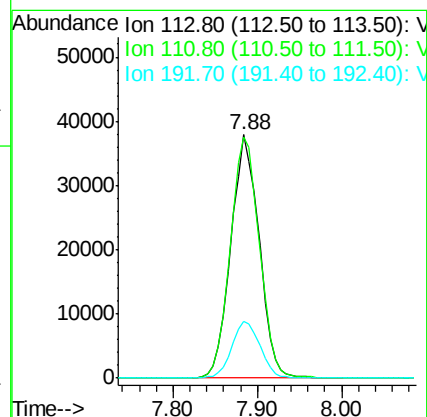
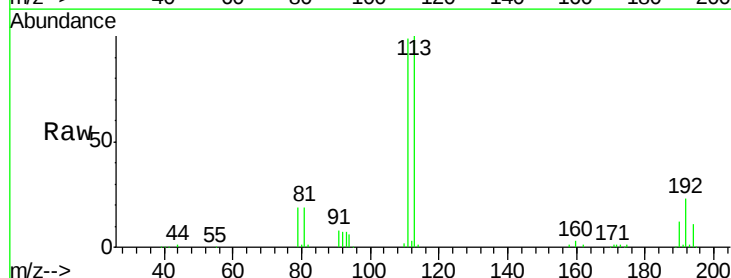
Instrument :
 MSVOA_W
 ClientSampleId :
 O-1A

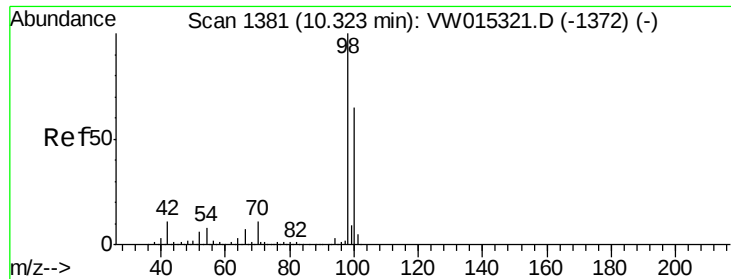
Tot Ion:114 Resp: 297234
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.469 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW015331.D
 Acq: 23 Apr 2020 14:40

Tgt Ion:113 Resp: 86386
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 23.5 15.1 22.7#





#50

Toluene-d8

Concen: 51.466 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

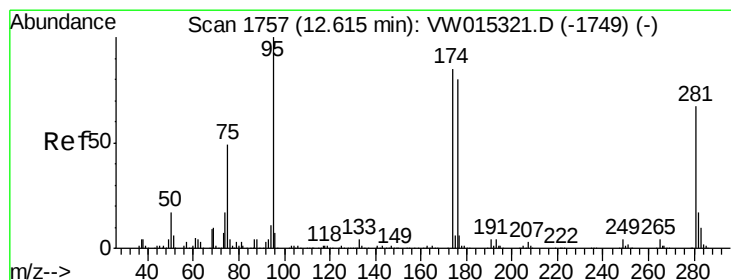
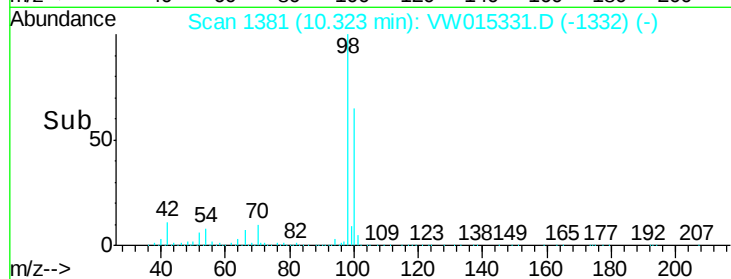
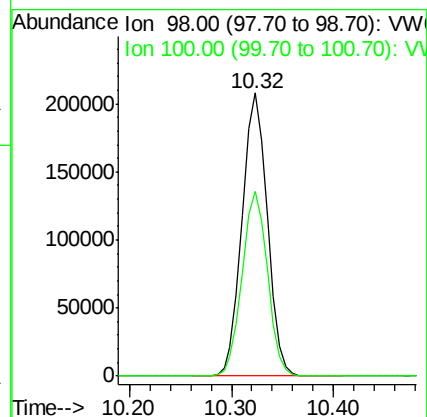
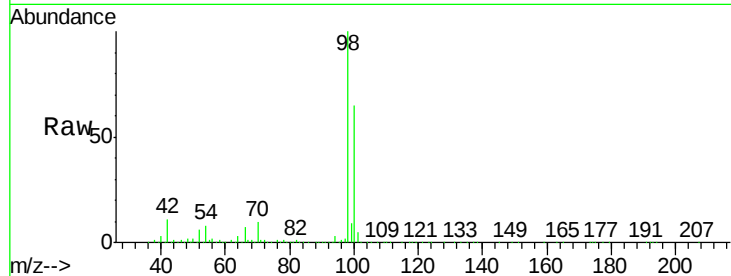
O-1A

Tot Ion: 98 Resp: 356455

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.045 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

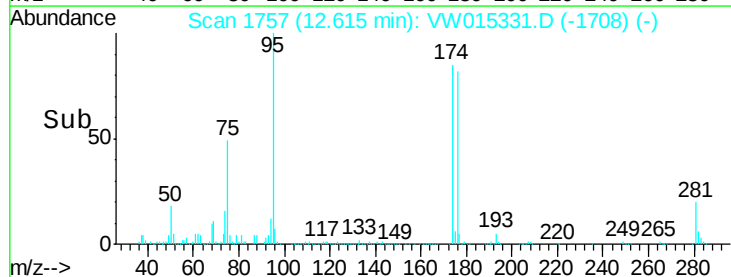
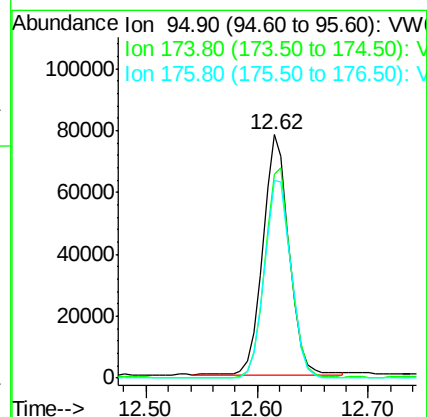
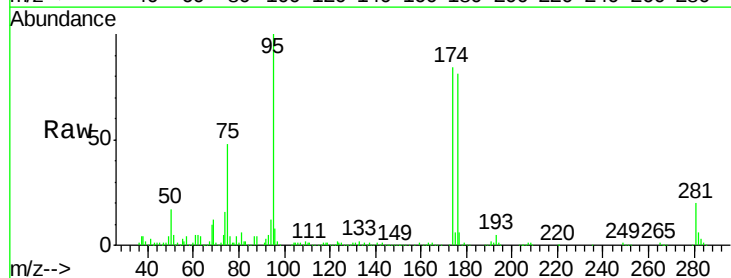
Tgt Ion: 95 Resp: 126965

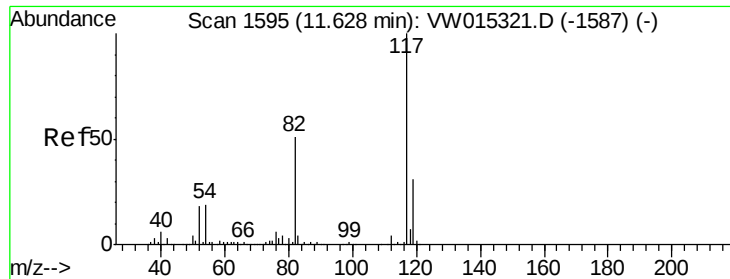
Ion Ratio Lower Upper

95 100

174 87.5 0.0 144.4

176 84.3 0.0 140.6

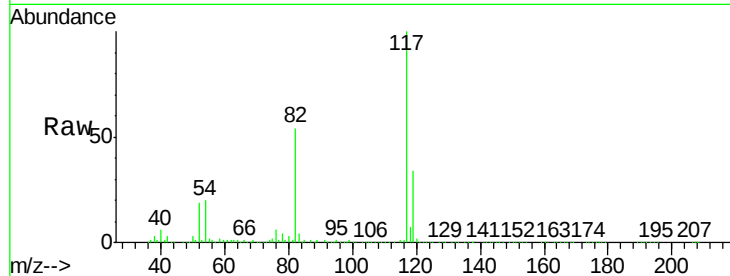




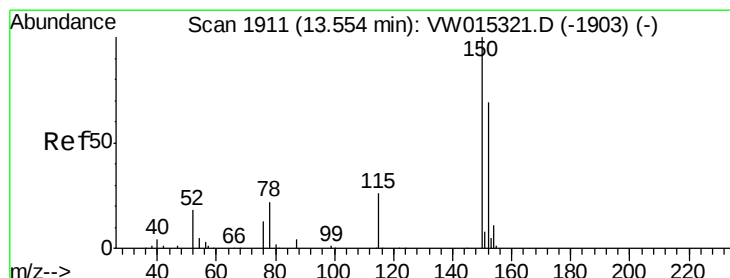
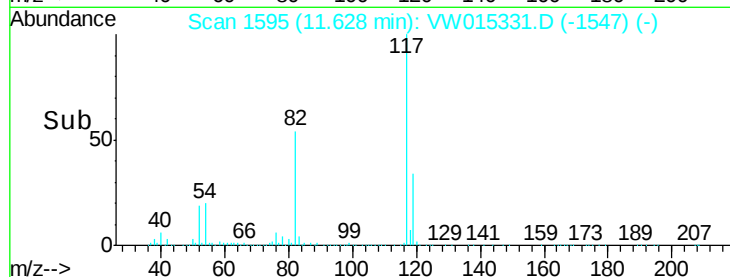
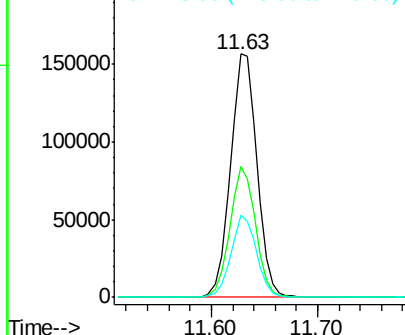
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
O-1A

Tot Ion:117 Resp: 271722
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 33.7 24.9 37.3

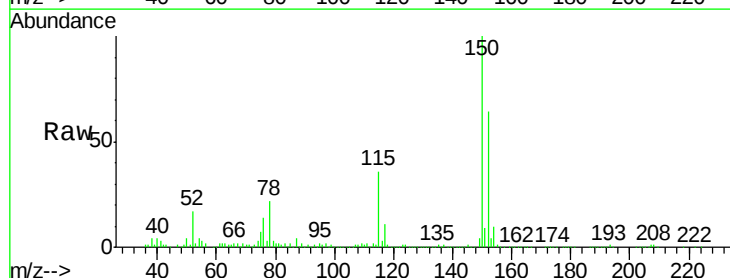


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

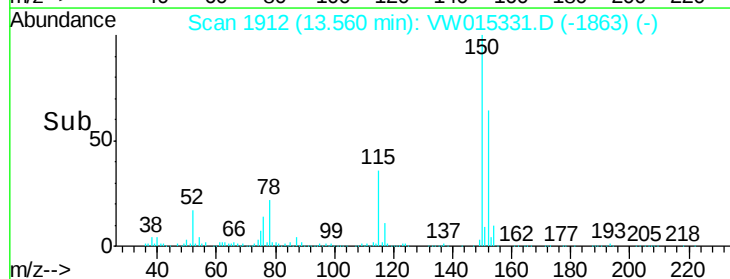
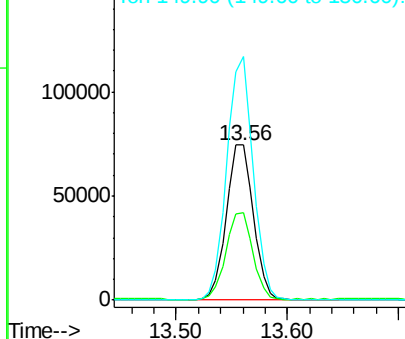


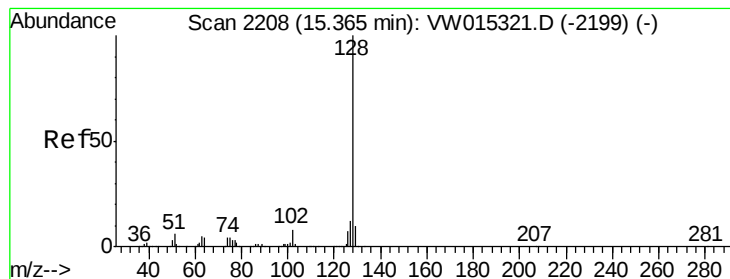
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015331.D
Acq: 23 Apr 2020 14:40

Tgt Ion:152 Resp: 124750
Ion Ratio Lower Upper
152 100
115 55.1 31.3 93.9
150 152.9 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





#95

Naphthalene

Concen: 7.923 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW015331.D

Acq: 23 Apr 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

O-1A

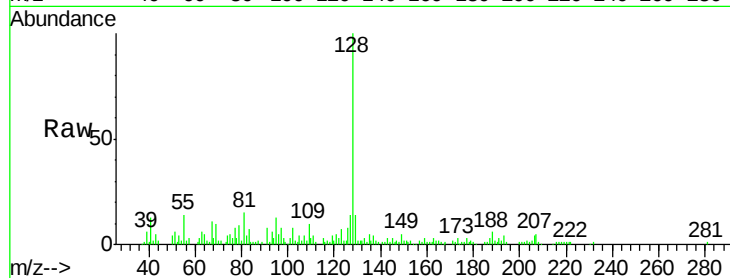
Tot Ion:128 Resp: 30397

Ion Ratio Lower Upper

128 100

127 14.8 10.3 15.5

129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

