

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011055.D
 Acq On : 28 Jun 2019 12:33
 Operator : SY/VA
 Sample : K3552-04RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-2ARE

Quant Time: Jun 29 02:09:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	128423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	58939	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.88	113	44782	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.32	98	185719	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.62	95	59380	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	

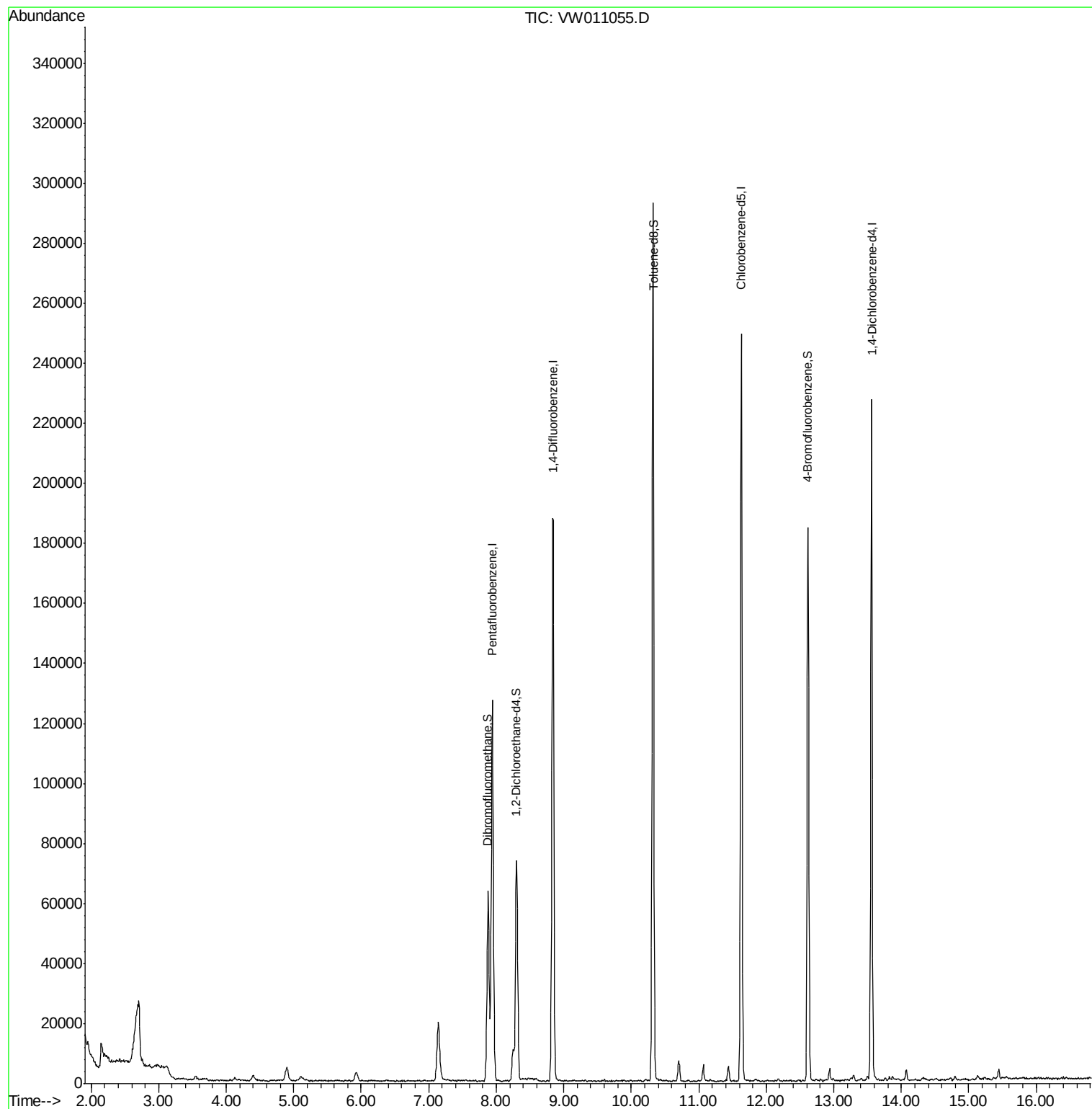
Target Compounds	Qvalue
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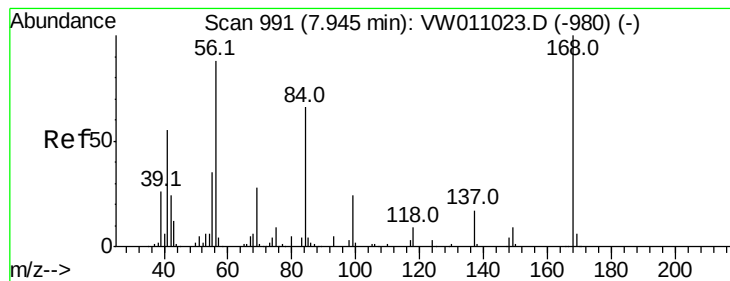
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011055.D

Acq: 28 Jun 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

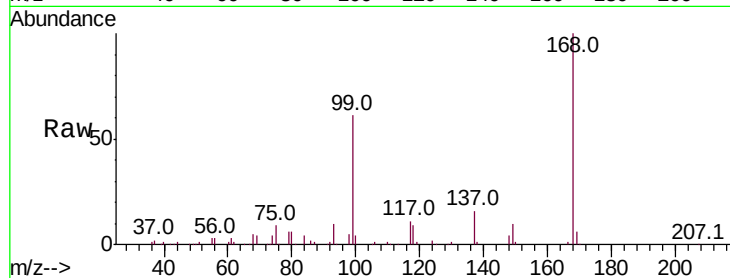
M-2ARE

Tot Ion:168 Resp: 91190

Ion Ratio Lower Upper

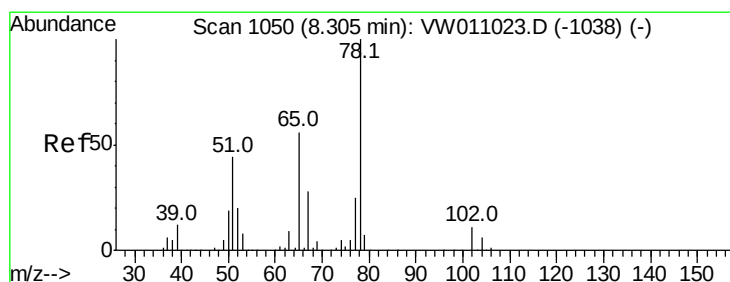
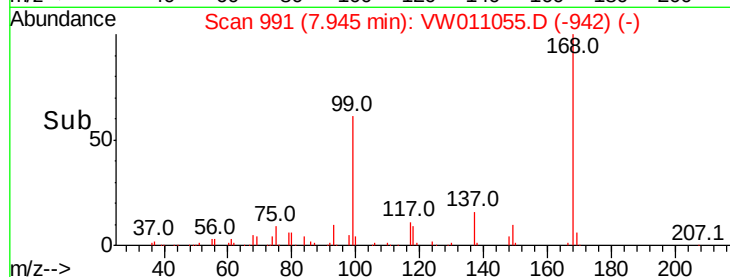
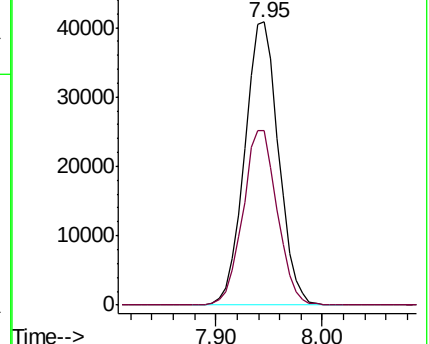
168 100

99 61.5 47.8 71.6



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: 49.441 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011055.D

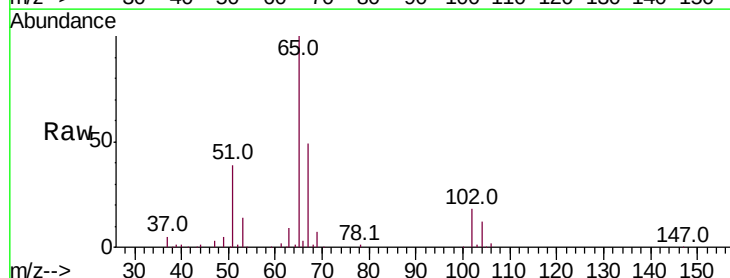
Acq: 28 Jun 2019 12:33

Tgt Ion: 65 Resp: 58939

Ion Ratio Lower Upper

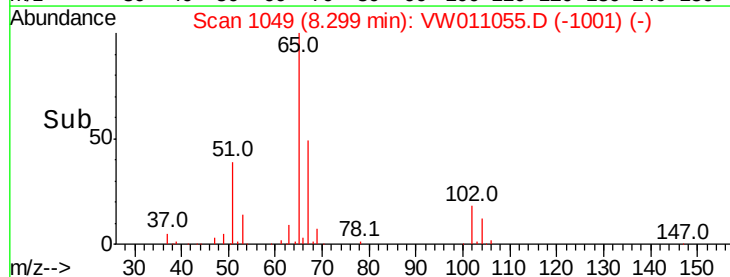
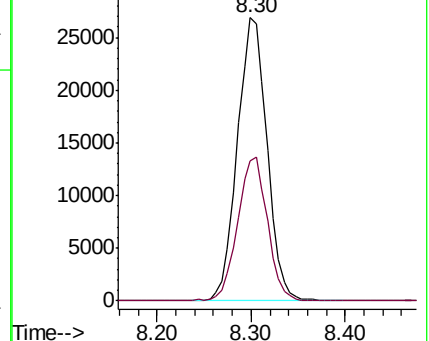
65 100

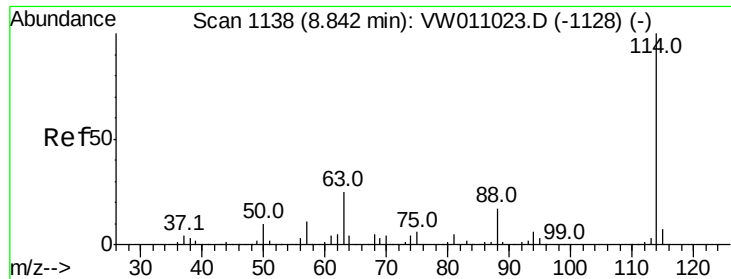
67 51.2 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

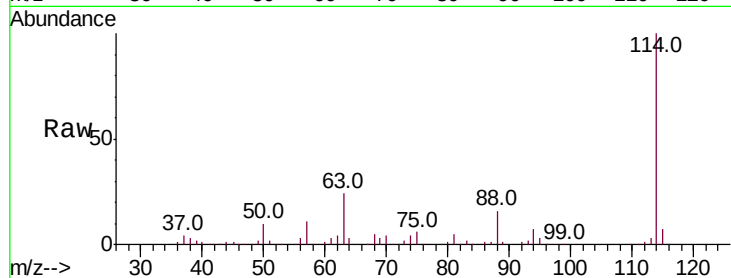




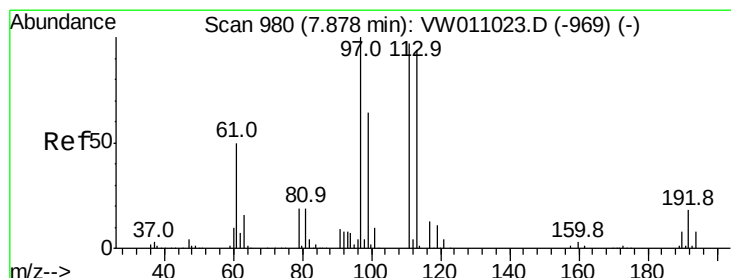
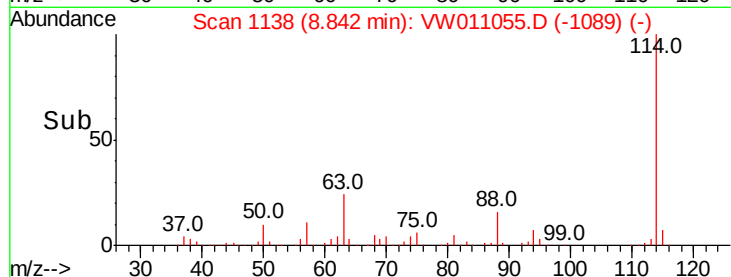
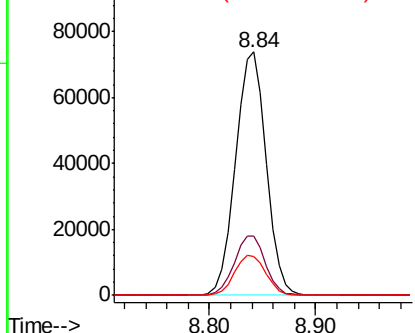
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011055.D
 Acq: 28 Jun 2019 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 M-2ARE

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	50.6
88	16.0	0.0	34.0

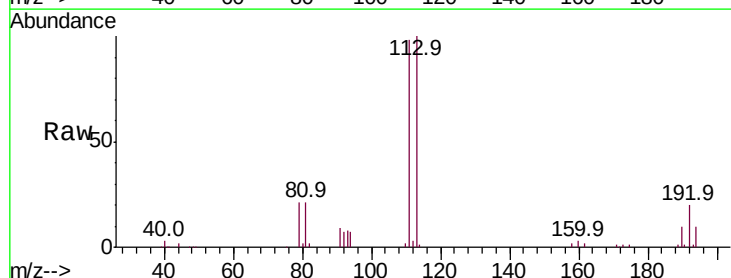


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

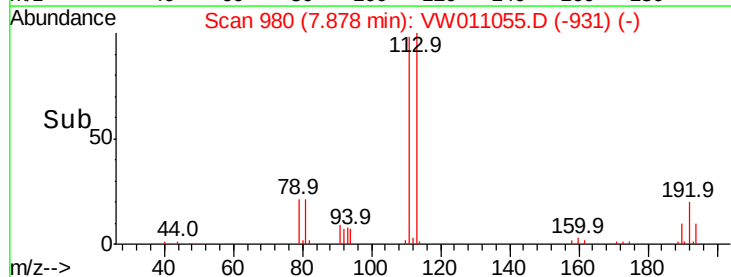
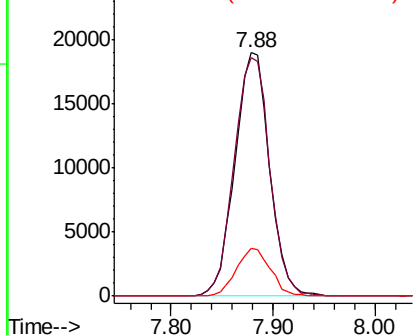


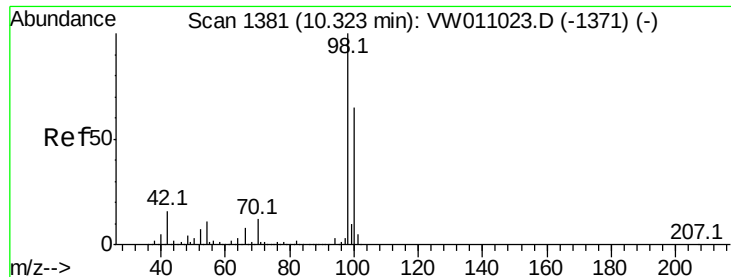
#35
 Dibromofluoromethane
 Concen: 49.066 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011055.D
 Acq: 28 Jun 2019 12:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.8	125.6
192	19.2	16.0	24.0



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: 49.434 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011055.D

Acq: 28 Jun 2019 12:33

Instrument :

MSVOA_W

ClientSampleId :

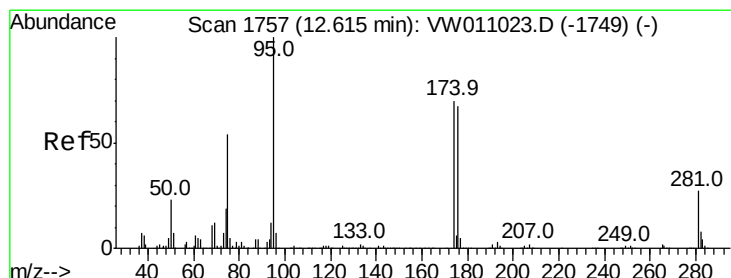
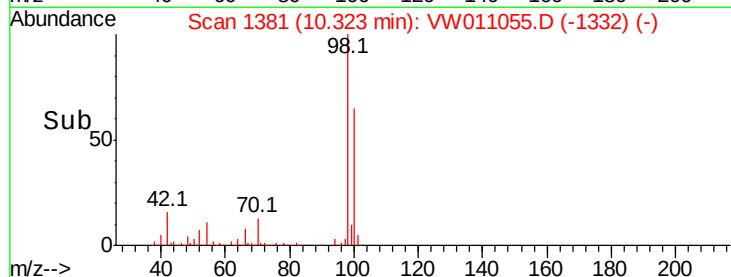
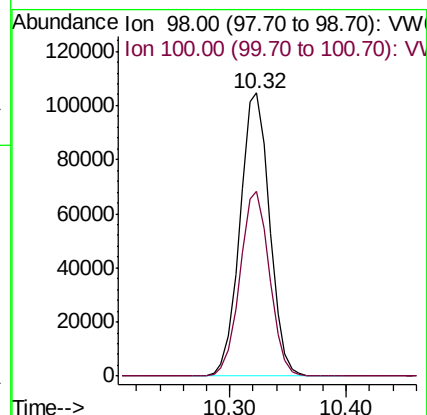
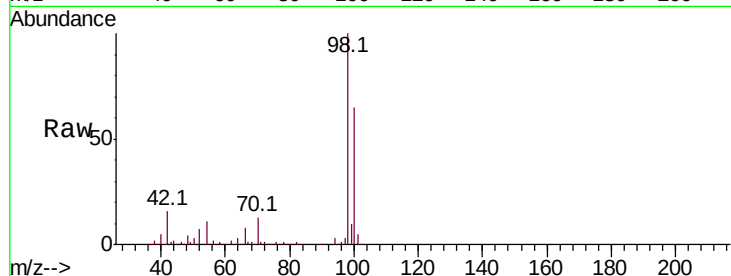
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Tot Ion: 98 Resp: 185719

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.214 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011055.D

Acq: 28 Jun 2019 12:33

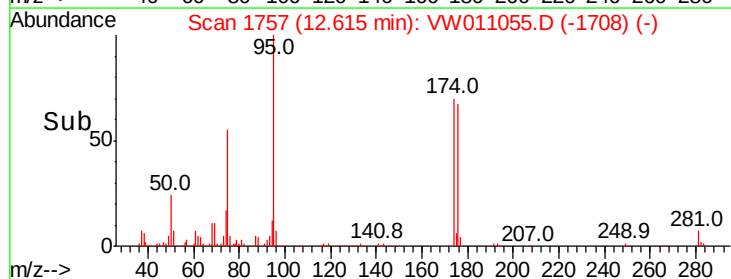
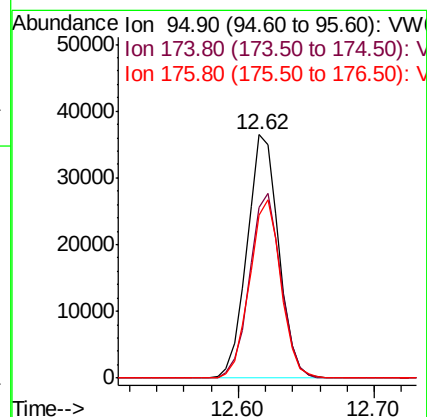
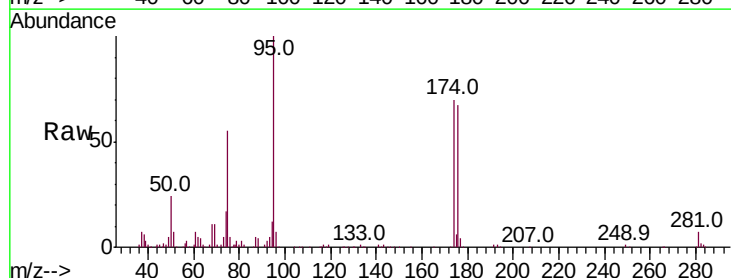
Tgt Ion: 95 Resp: 59380

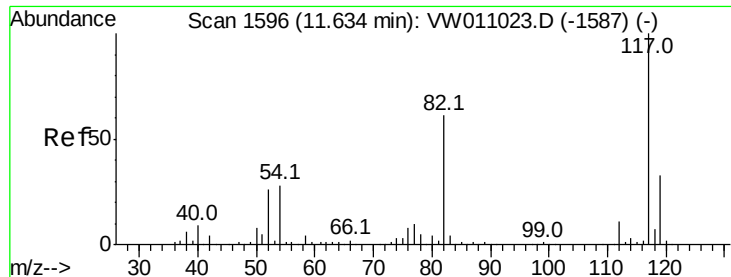
Ion Ratio Lower Upper

95 100

174 75.1 0.0 149.2

176 72.4 0.0 143.6

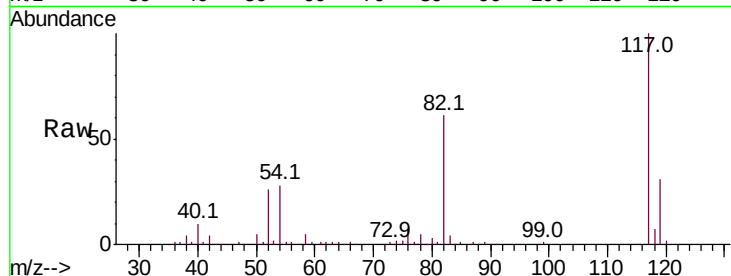




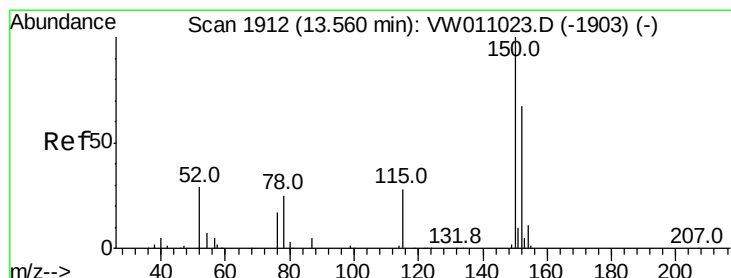
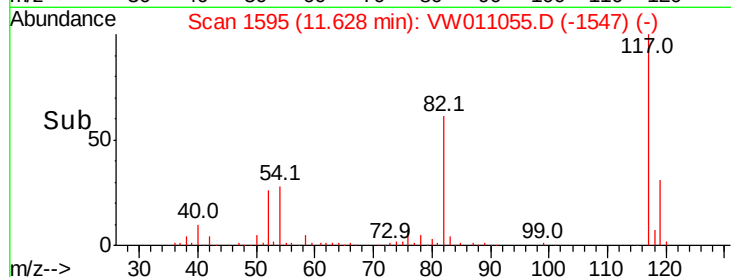
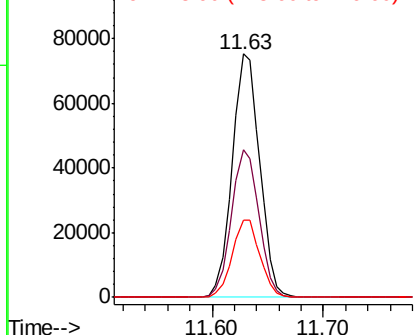
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011055.D
Acq: 28 Jun 2019 12:33

Instrument :
MSVOA_W
ClientSampleId :
M-2ARE

Tot Ion:117 Resp: 128423
Ion Ratio Lower Upper
117 100
82 60.7 48.6 73.0
119 31.5 26.1 39.1

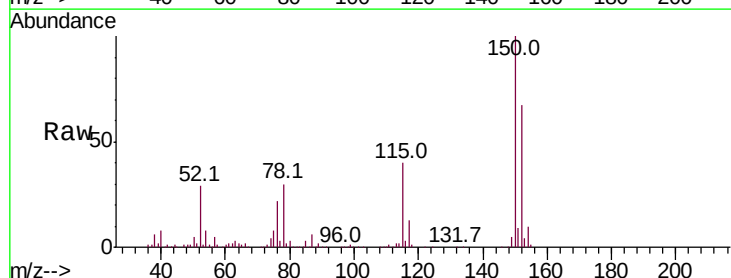


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011055.D
Acq: 28 Jun 2019 12:33

Tgt Ion:152 Resp: 54011
Ion Ratio Lower Upper
152 100
115 60.2 30.7 92.1
150 155.2 0.0 341.8



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

