

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011054.D
 Acq On : 28 Jun 2019 12:06
 Operator : SY/VA
 Sample : K3552-02
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-1A

Quant Time: Jun 29 02:06:52 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	193225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115344	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	113521	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
35) Dibromofluoromethane	7.88	113	96013	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.32	98	402918	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.62	95	130003	43.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.20%	

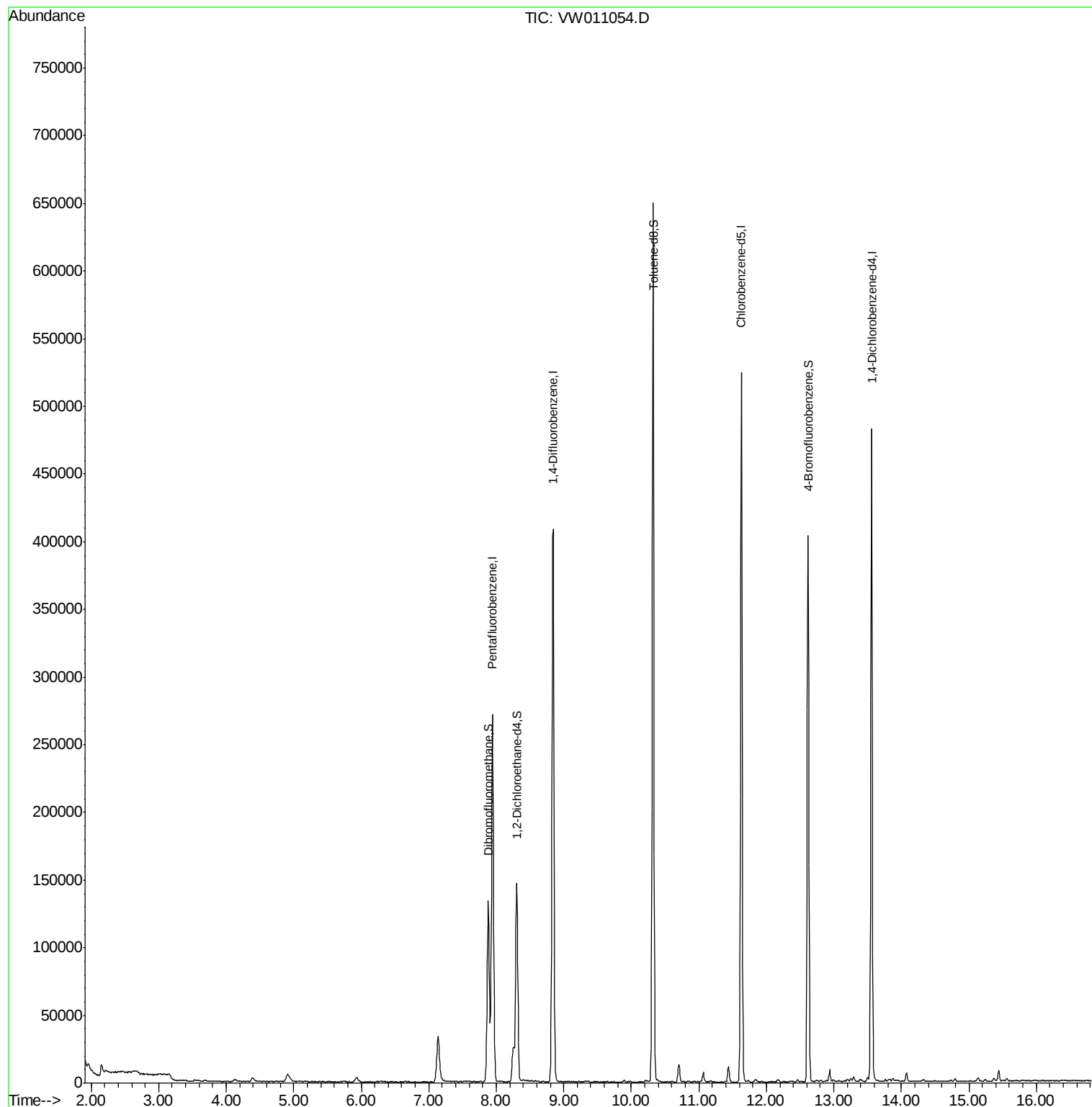
Target Compounds	Qvalue
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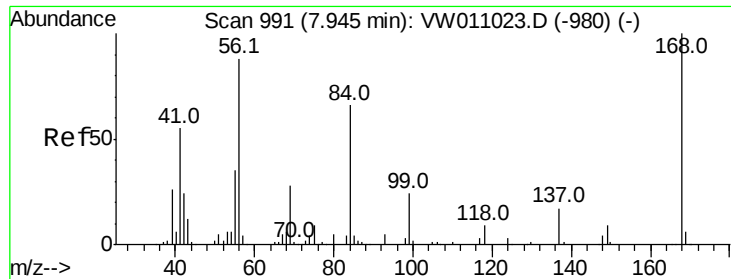
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011054.D

Acq: 28 Jun 2019 12:06

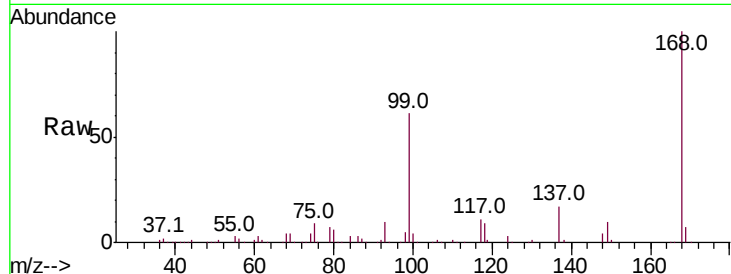
Instrument :
MSVOA_W
ClientSampleId :
M-1A

Tot Ion:168 Resp: 193225

Ion Ratio Lower Upper

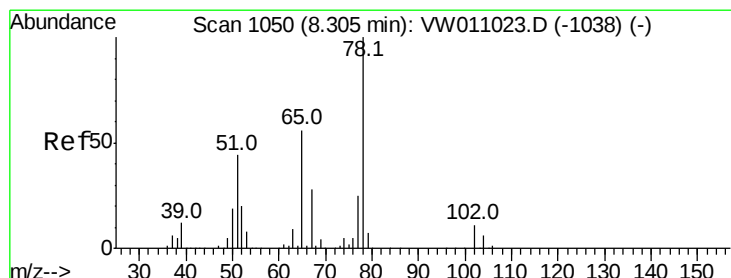
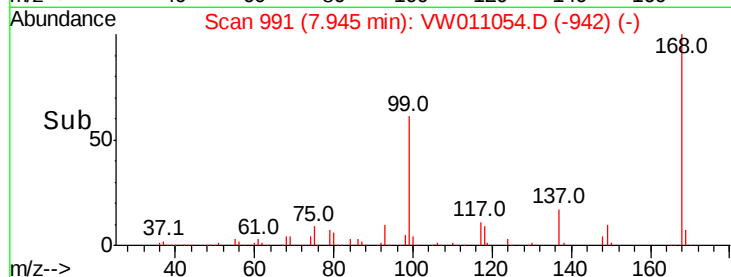
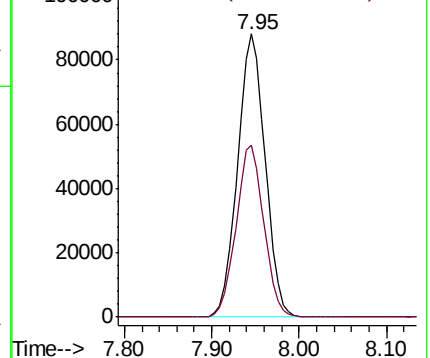
168 100

99 60.9 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: 44.942 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011054.D

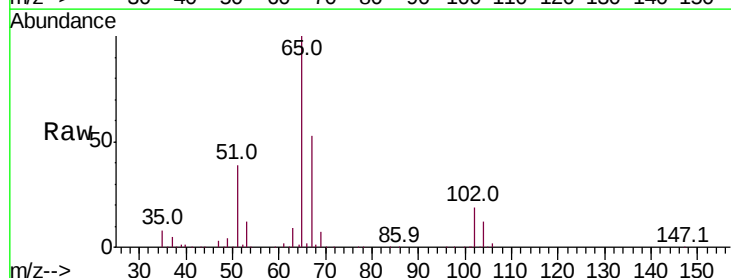
Acq: 28 Jun 2019 12:06

Tgt Ion: 65 Resp: 113521

Ion Ratio Lower Upper

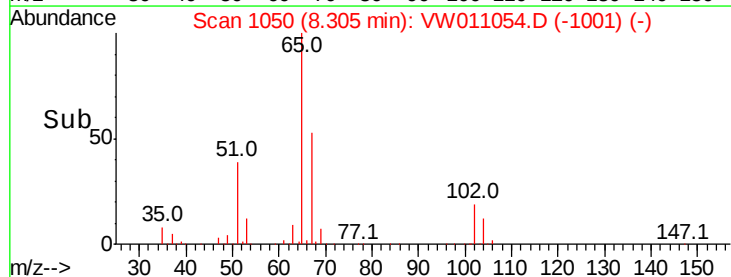
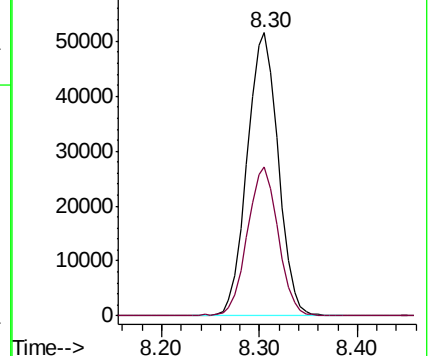
65 100

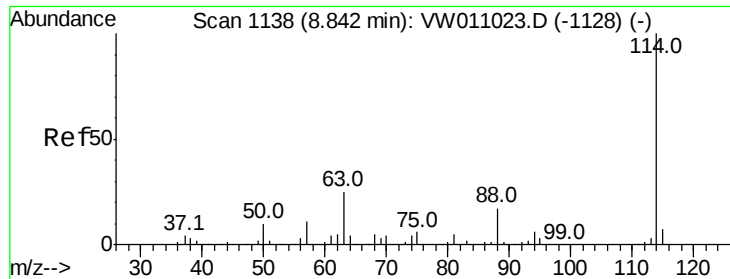
67 52.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

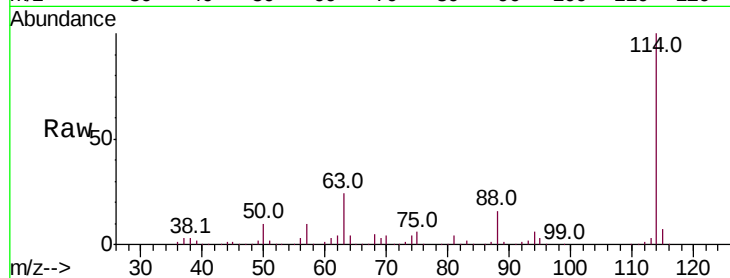




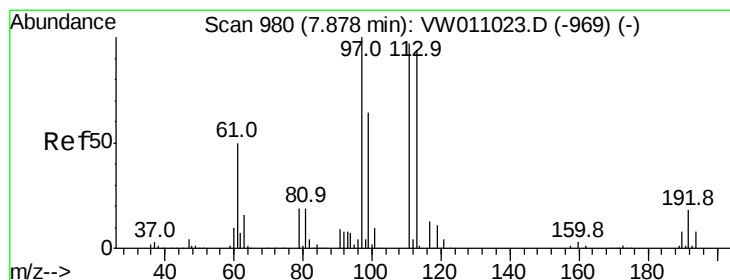
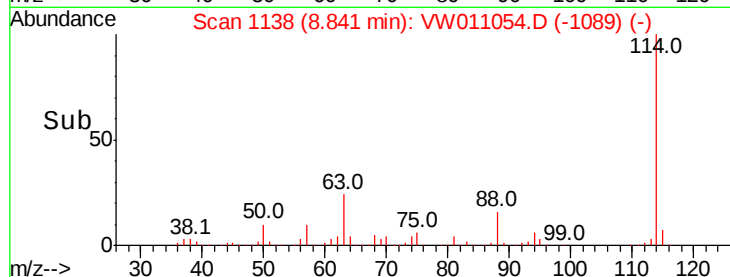
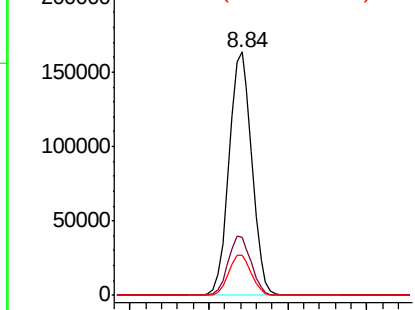
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
M-1A

Tot Ion:114 Resp: 328121
Ion Ratio Lower Upper
114 100
63 24.0 0.0 50.6
88 16.5 0.0 34.0

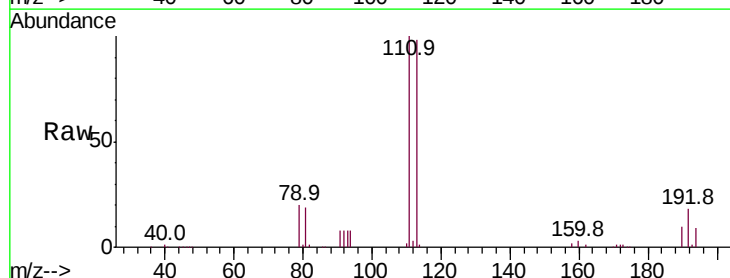


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

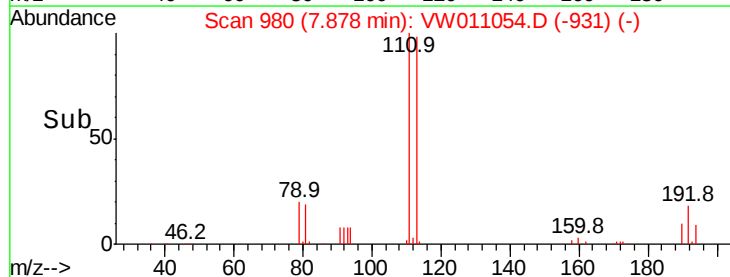
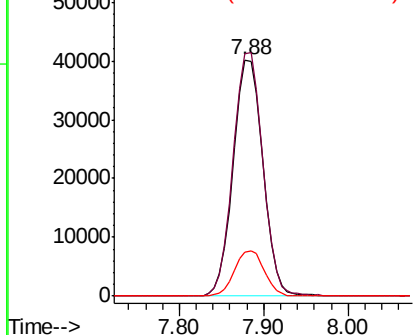


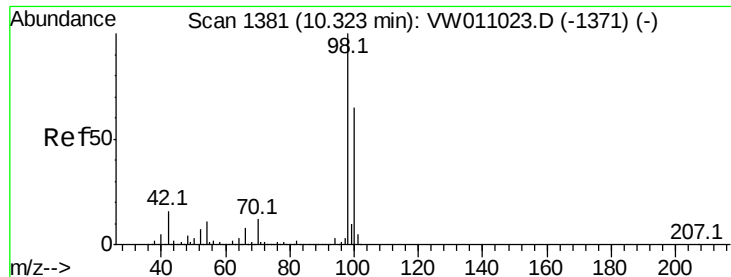
#35
Dibromofluoromethane
Concen: 47.919 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Tgt Ion:113 Resp: 96013
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.1 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: 48.853 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

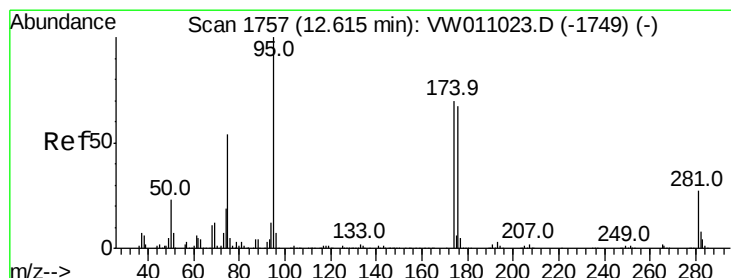
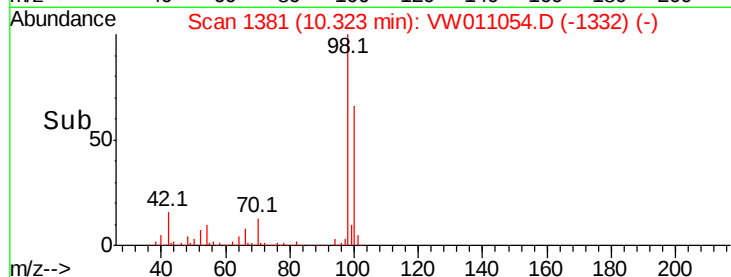
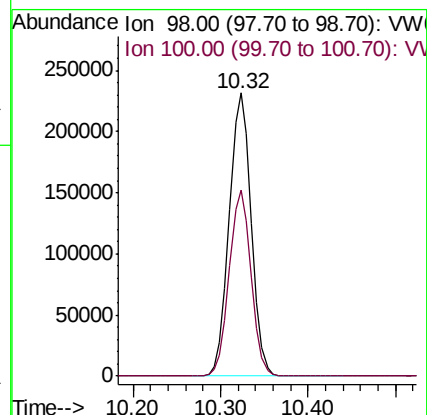
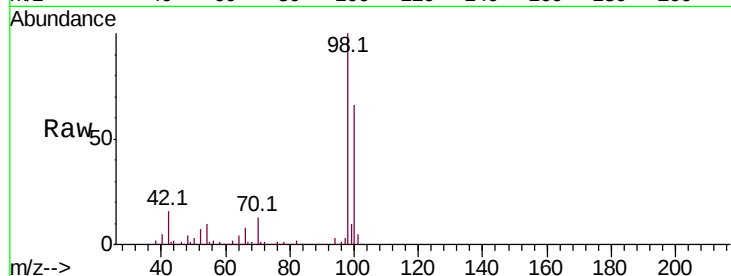
M-1A

Tot Ion: 98 Resp: 402918

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.097 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

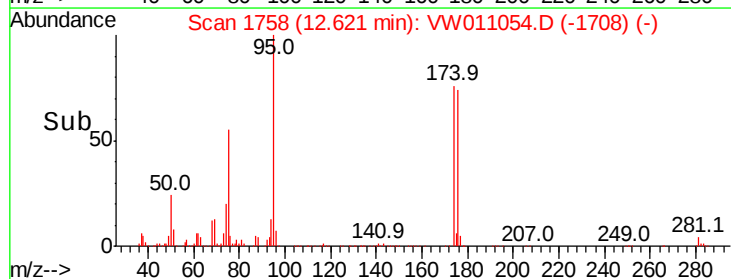
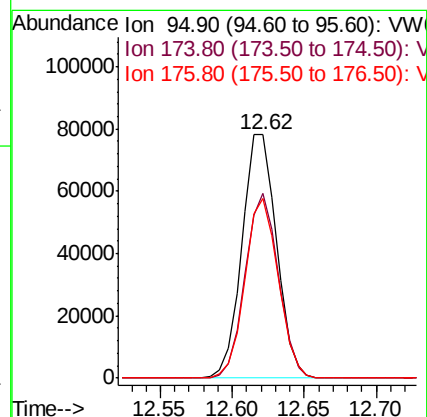
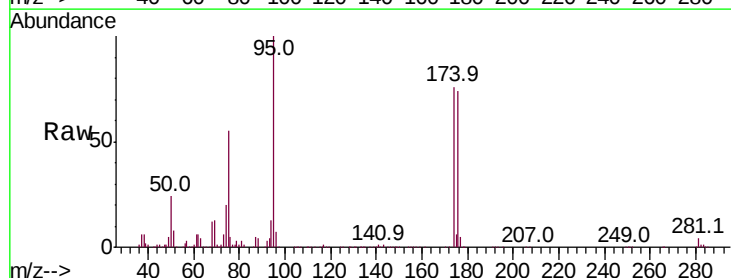
Tgt Ion: 95 Resp: 130003

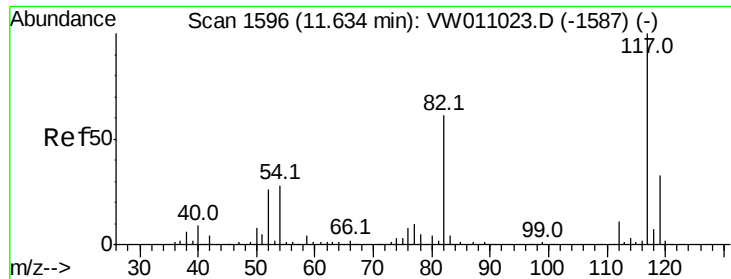
Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.2

176 71.2 0.0 143.6

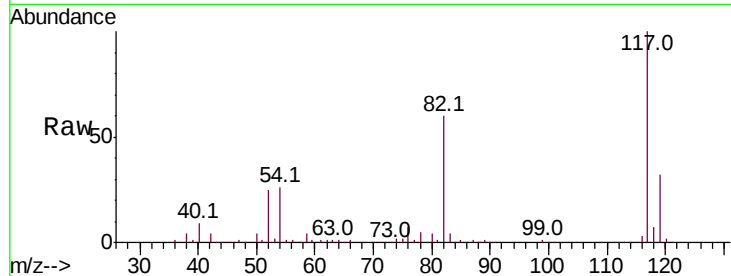




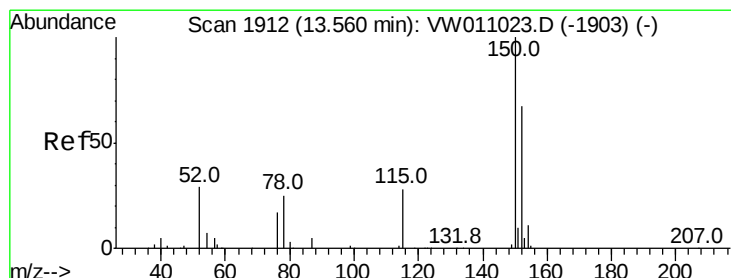
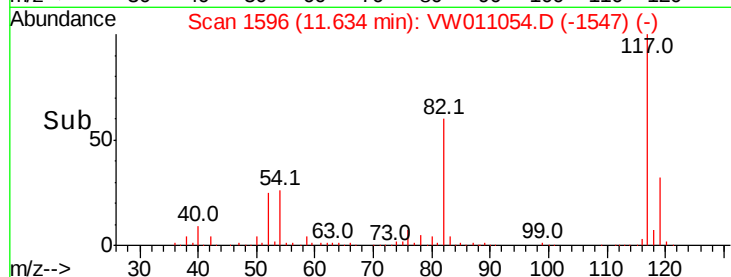
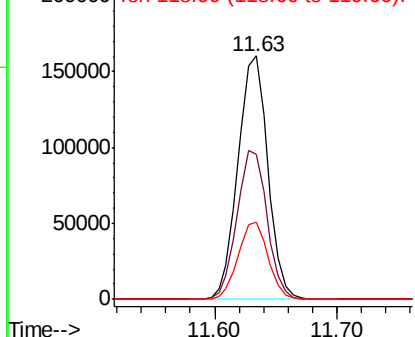
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
M-1A

Tot Ion:117 Resp: 271322
Ion Ratio Lower Upper
117 100
82 59.6 48.6 73.0
119 31.7 26.1 39.1

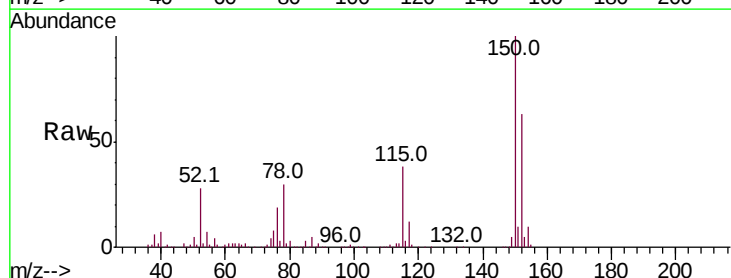


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Tgt Ion:152 Resp: 115344
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 157.0 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

