

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011698.D
 Acq On : 04 Aug 2019 07:17
 Operator : SY/VA
 Sample : K4156-10
 Misc : 5.11G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT3456

Quant Time: Aug 05 01:50:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

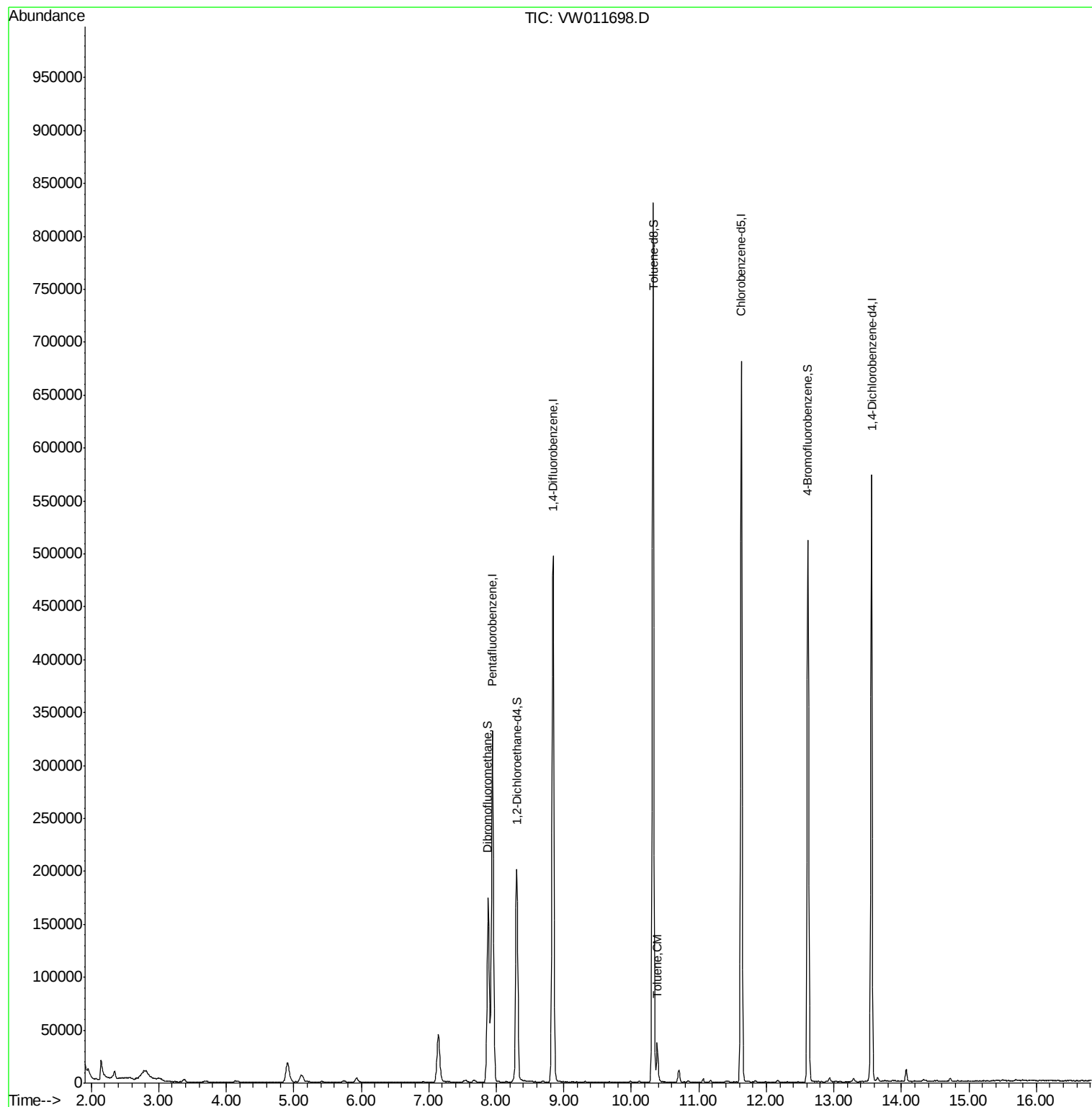
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	162178	59.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.92%	
35) Dibromofluoromethane	7.88	113	124418	56.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.42%	
50) Toluene-d8	10.32	98	512345	56.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.06%	
62) 4-Bromofluorobenzene	12.62	95	168383	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
Target Compounds						
52) Toluene	10.39	92	14597	2.103	ug/l	Qvalue 98

(#) = 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

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MSVOA_W

ClientSampleId :

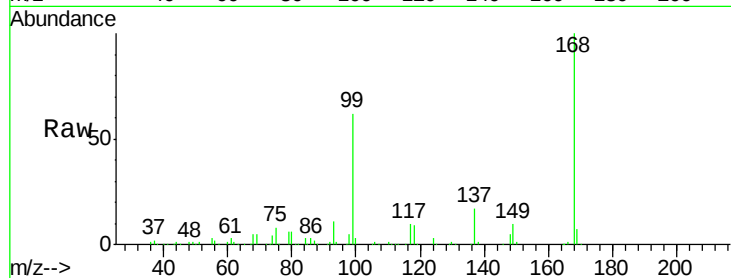
RT3456

Tot Ion:168 Resp: 235535

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

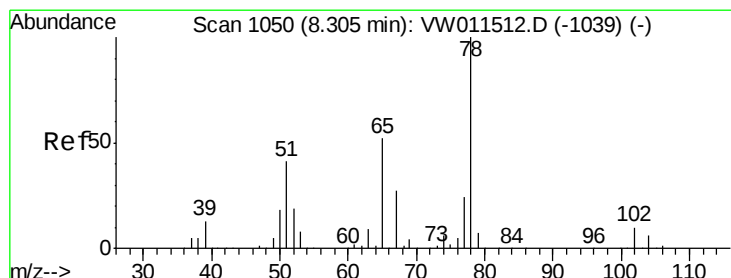
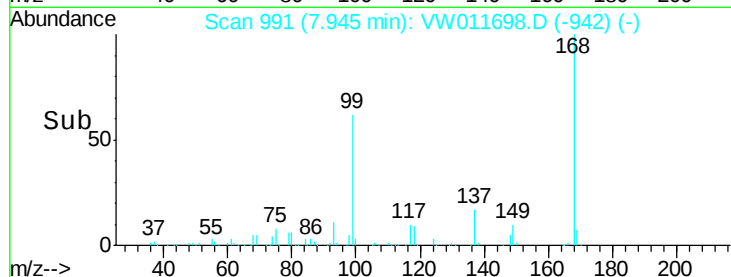
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.964 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011698.D

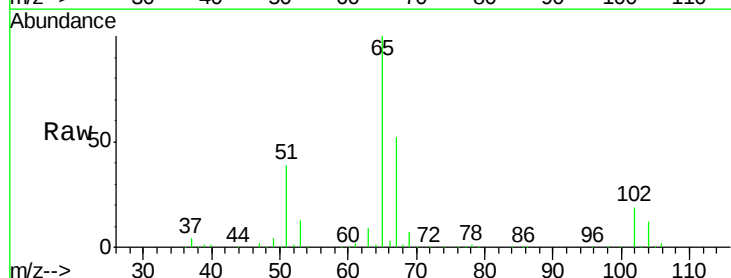
Acq: 04 Aug 2019 07:17

Tgt Ion: 65 Resp: 162178

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

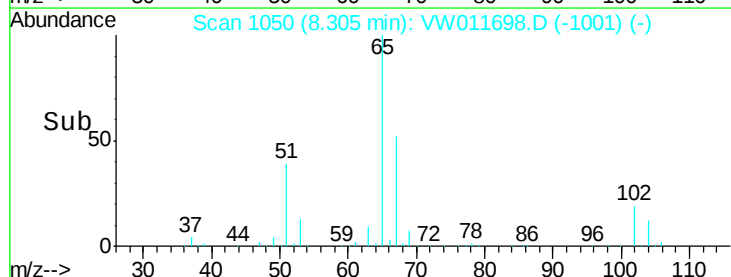
60000

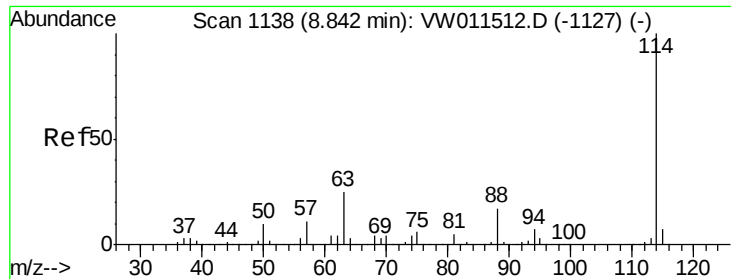
40000

20000

0

Time-->

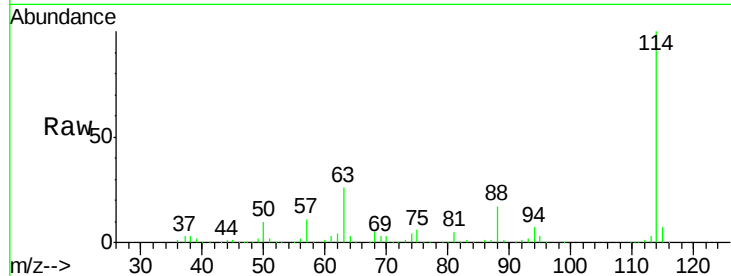




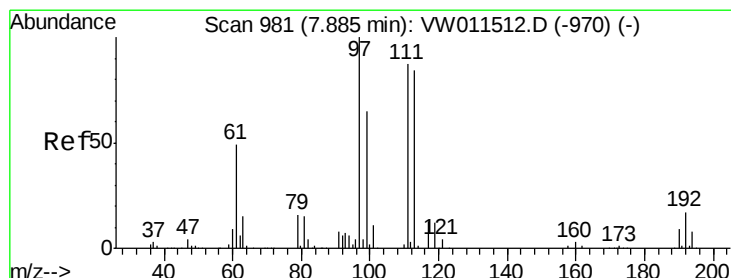
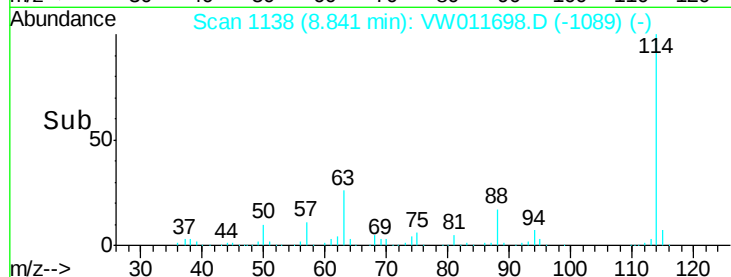
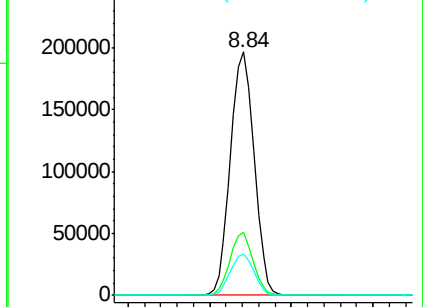
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011698.D
Acq: 04 Aug 2019 07:17

Instrument :
MSVOA_W
ClientSampleId :
RT3456

Tot Ion:114 Resp: 394551
Ion Ratio Lower Upper
114 100
63 25.8 0.0 49.2
88 16.8 0.0 33.8

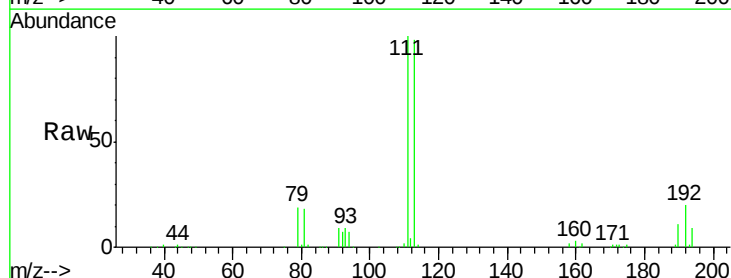


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

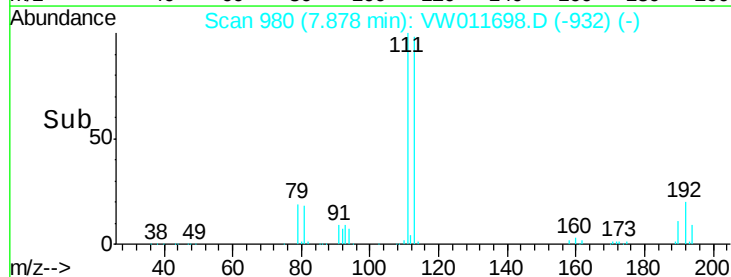
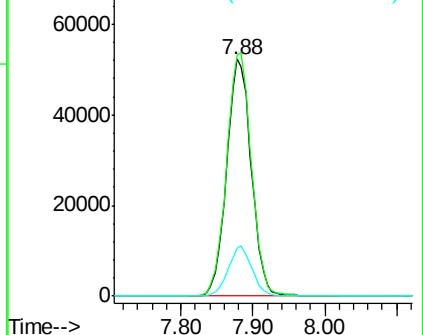


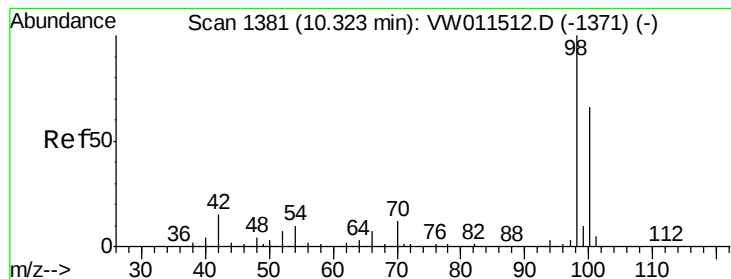
#35
Dibromofluoromethane
Concen: 56.209 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011698.D
Acq: 04 Aug 2019 07:17

Tgt Ion:113 Resp: 124418
Ion Ratio Lower Upper
113 100
111 103.4 82.7 124.1
192 20.1 16.1 24.1



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: 56.533 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011698.D

Acq: 04 Aug 2019 07:17

Instrument :

MSVOA_W

ClientSampleId :

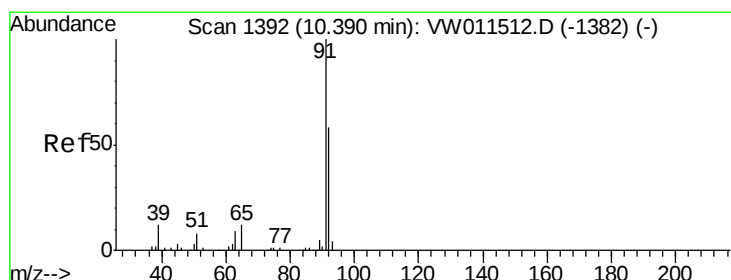
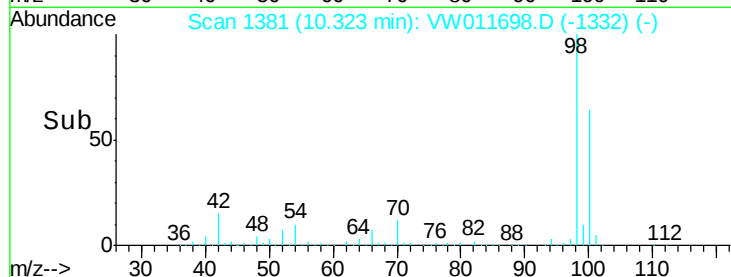
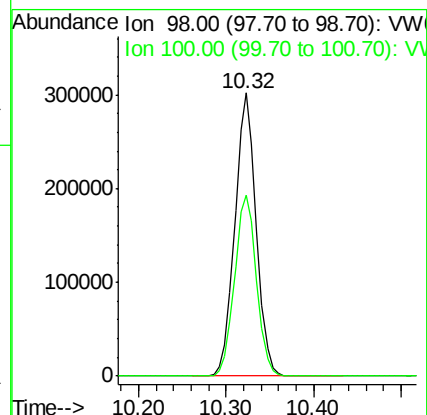
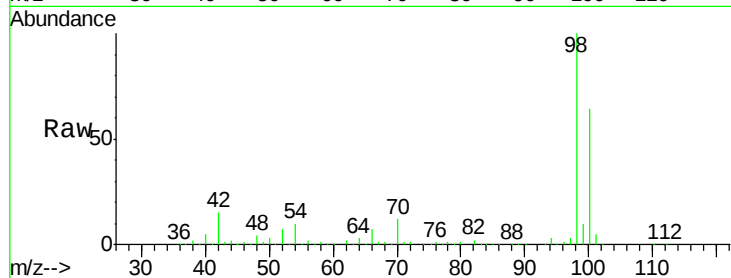
RT3456

Tot Ion: 98 Resp: 512345

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#52

Toluene

Concen: 2.103 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011698.D

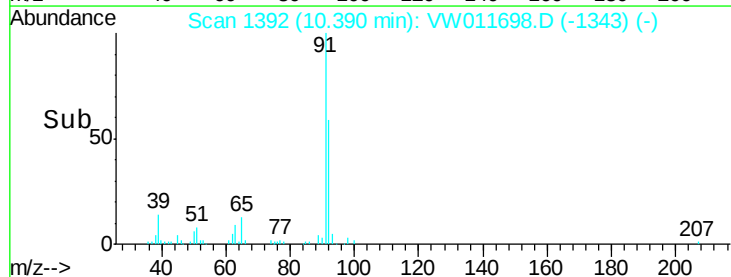
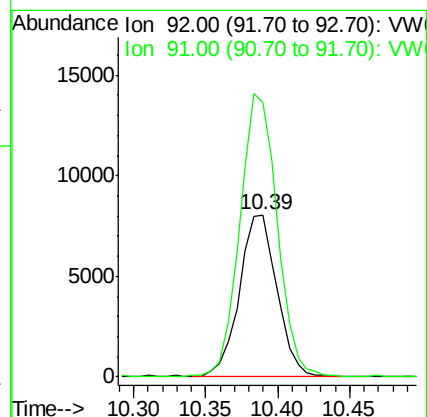
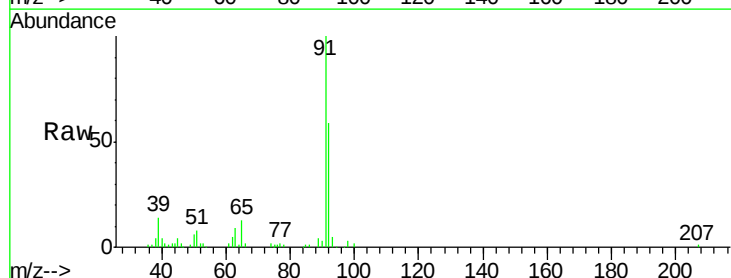
Acq: 04 Aug 2019 07:17

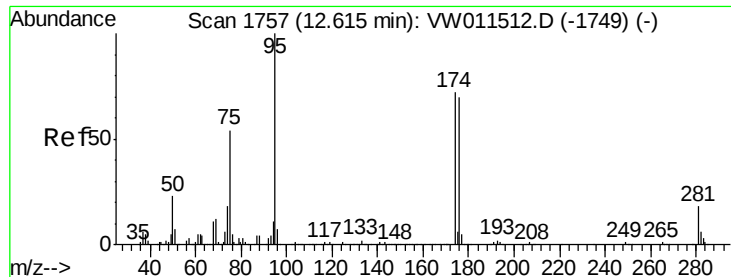
Tgt Ion: 92 Resp: 14597

Ion Ratio Lower Upper

92 100

91 173.5 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 52.114 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011698.D

Acq: 04 Aug 2019 07:17

Instrument :

MSVOA_W

ClientSampleId :

RT3456

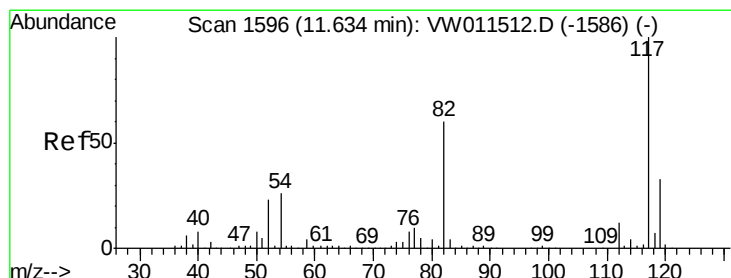
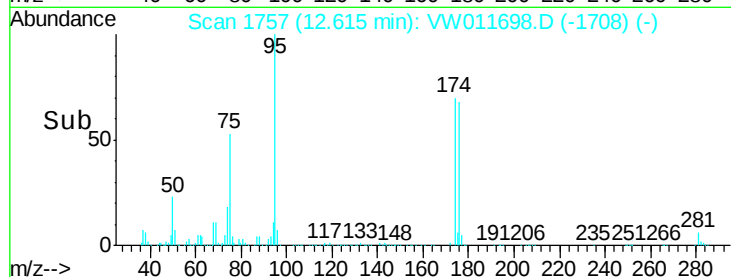
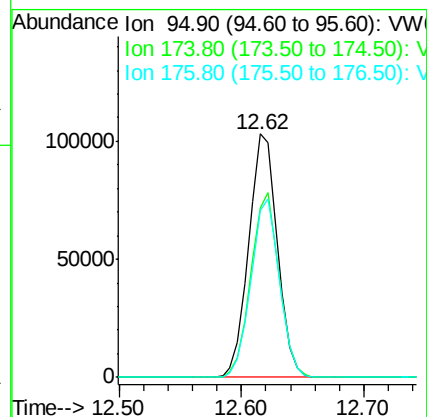
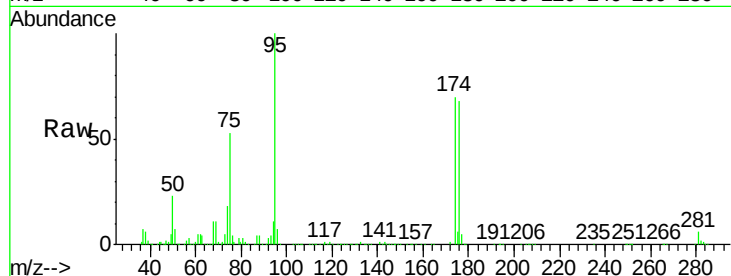
Tot Ion: 95 Resp: 168383

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

176 72.9 0.0 144.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW011698.D

Acq: 04 Aug 2019 07:17

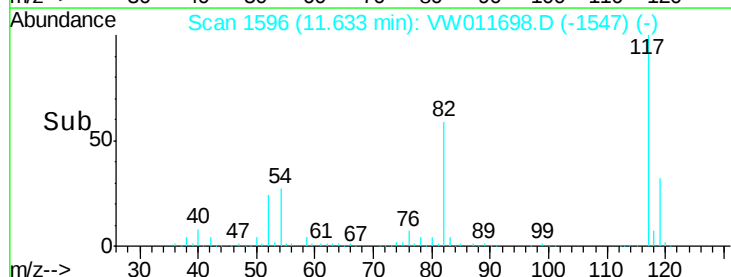
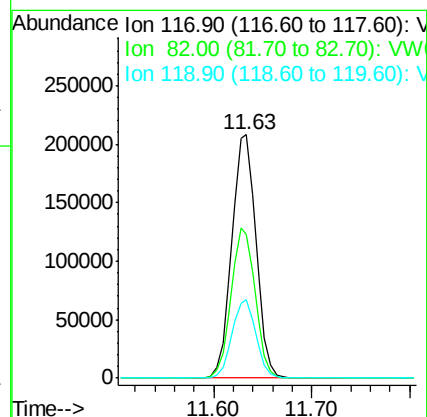
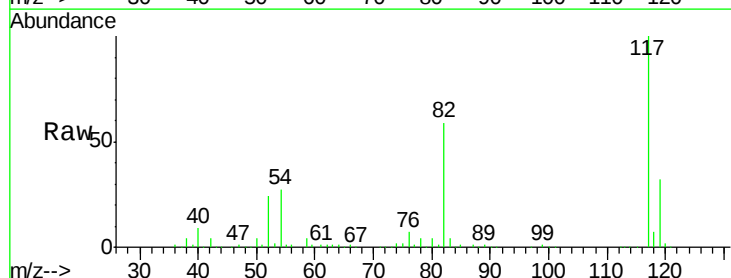
Tgt Ion: 117 Resp: 357667

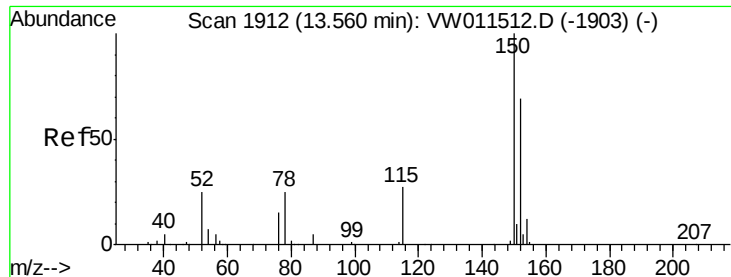
Ion Ratio Lower Upper

117 100

82 59.1 47.9 71.9

119 32.3 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011698.D

Acq: 04 Aug 2019 07:17

Instrument :

MSVOA_W

ClientSampleId :

RT3456

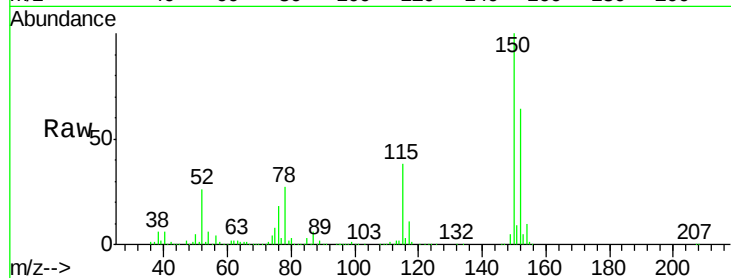
Tot Ion:152 Resp: 139160

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 155.8 0.0 352.6



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

