

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011178.D
 Acq On : 09 Jul 2019 14:47
 Operator : SY/VA
 Sample : K3697-01
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12000

Quant Time: Jul 10 05:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

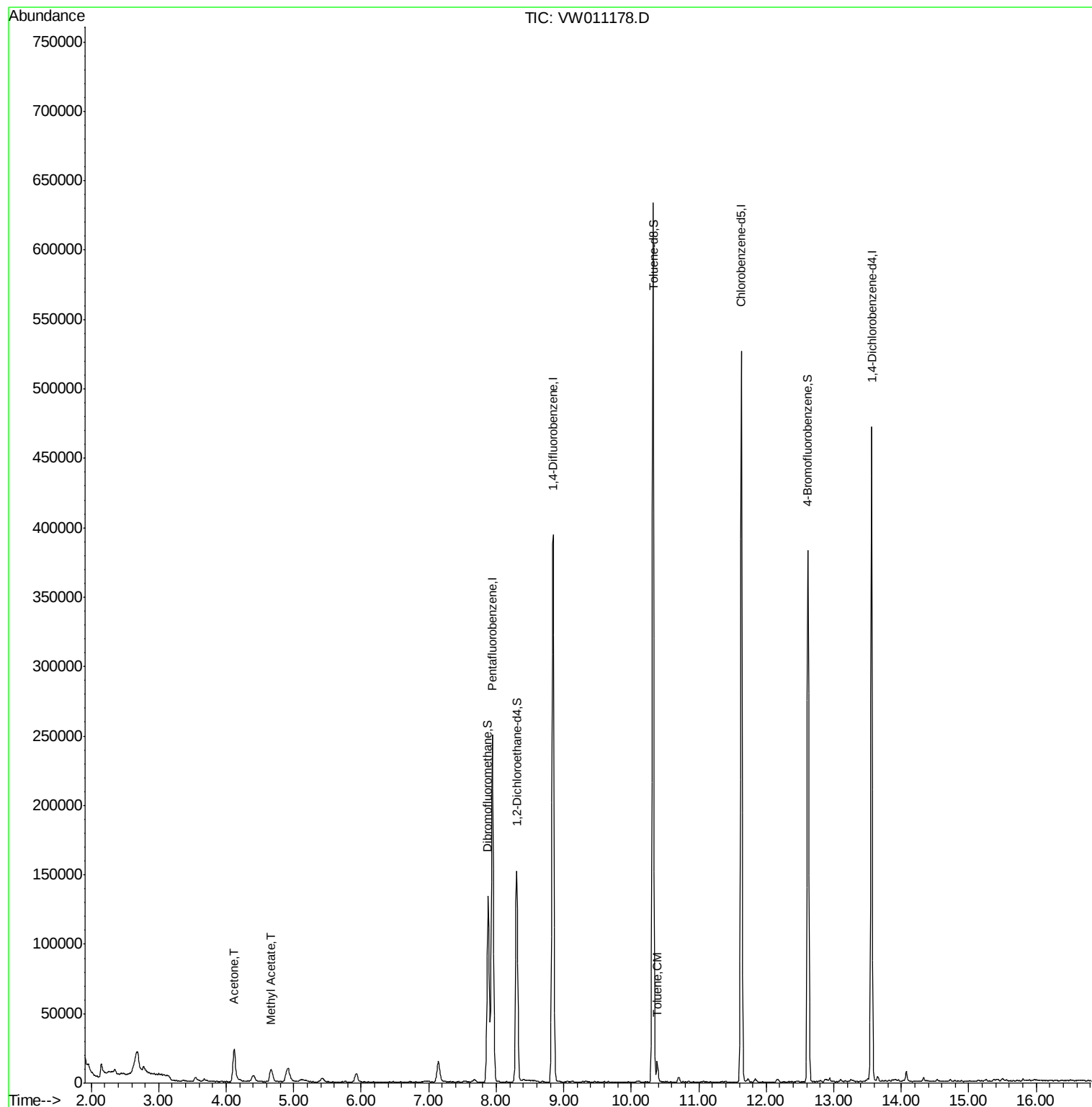
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121696	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
35) Dibromofluoromethane	7.88	113	94926	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.32	98	394559	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.62	95	127730	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	4.12	43	43620	79.980	ug/l	99
18) Methyl Acetate	4.67	43	19286	11.343	ug/l	98
52) Toluene	10.38	92	5763	1.023	ug/l	97

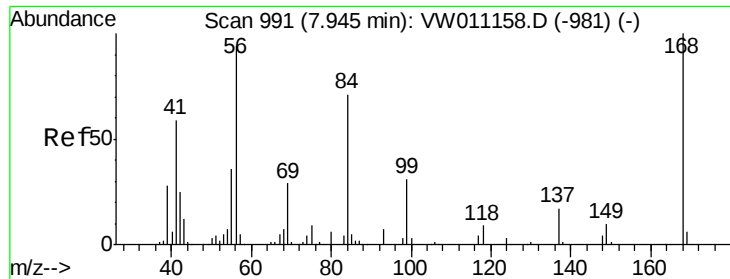
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011178.D

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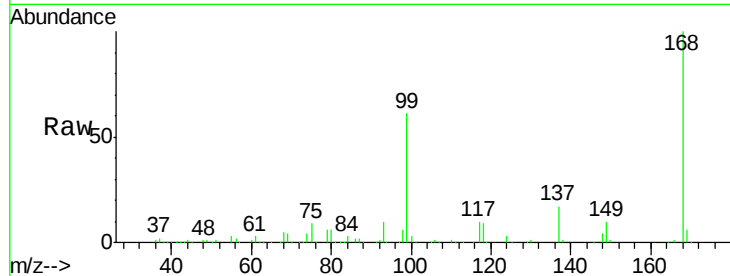
Instrument :
MSVOA_W
ClientSampleId :
72-12000

Tot Ion:168 Resp: 180391

Ion Ratio Lower Upper

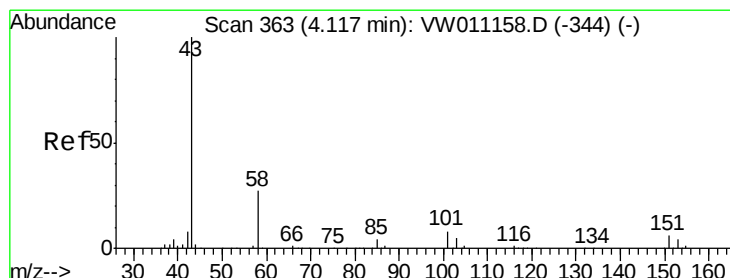
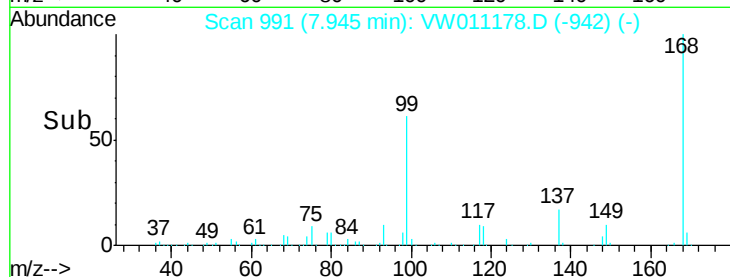
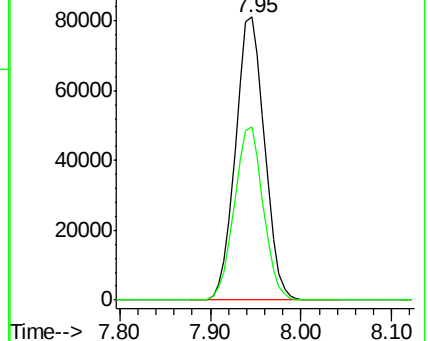
168 100

99 61.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 79.980 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011178.D

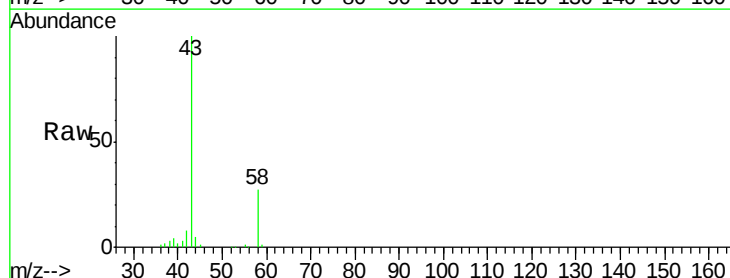
Acq: 09 Jul 2019 14:47

Tgt Ion: 43 Resp: 43620

Ion Ratio Lower Upper

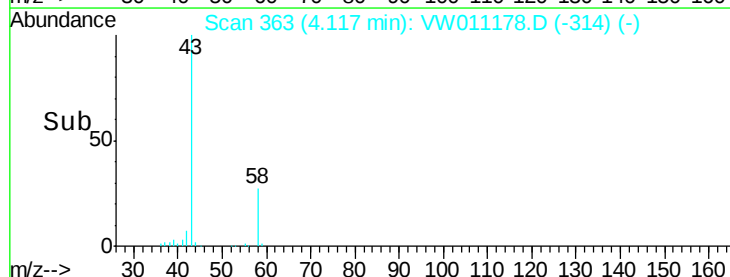
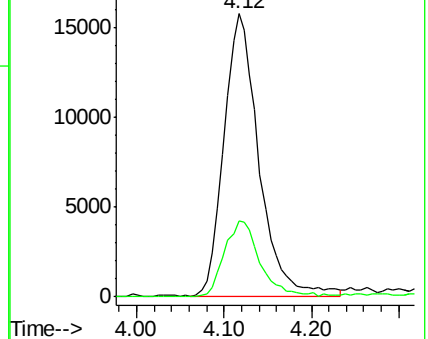
43 100

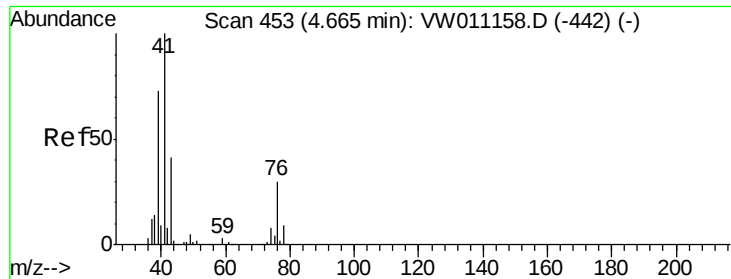
58 26.8 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#18

Methyl Acetate

Concen: 11.343 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011178.D

Acq: 09 Jul 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

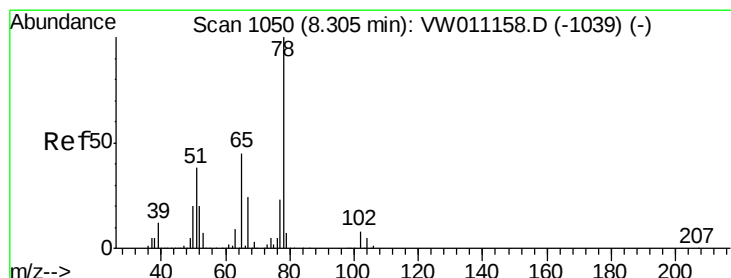
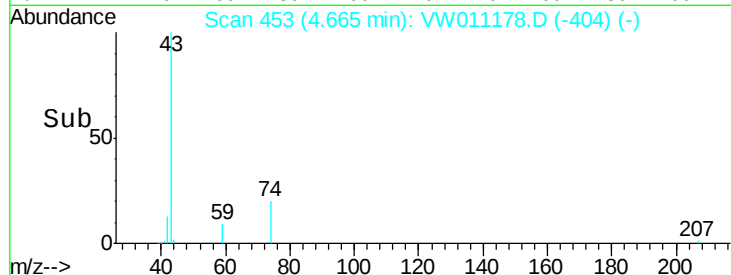
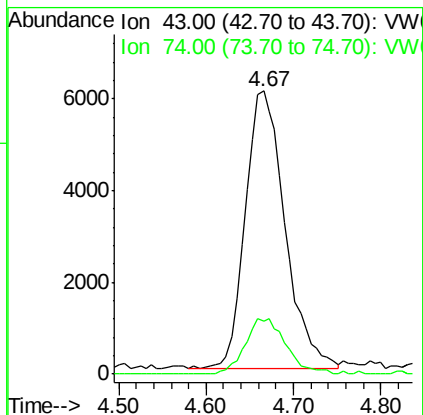
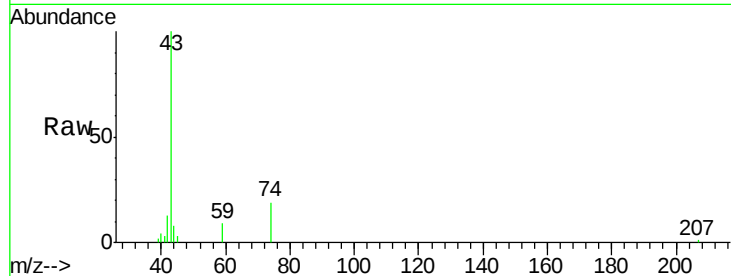
72-12000

Tot Ion: 43 Resp: 19286

Ion Ratio Lower Upper

43 100

74 20.4 15.7 23.5



#33

1,2-Dichloroethane-d4

Concen: 53.689 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011178.D

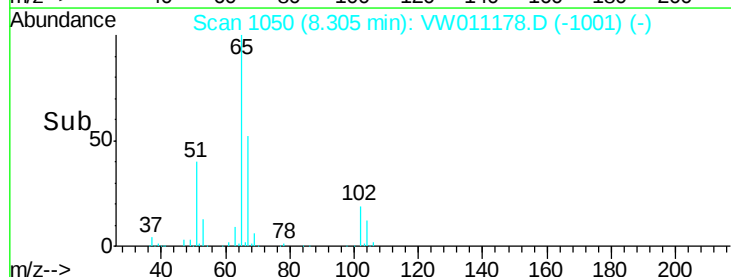
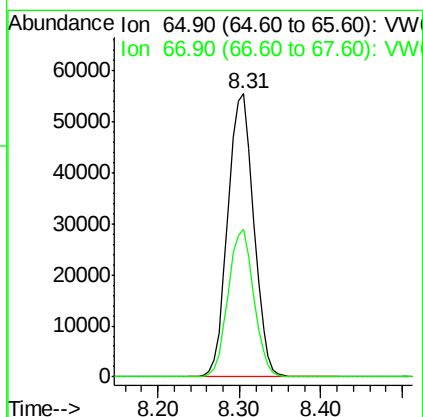
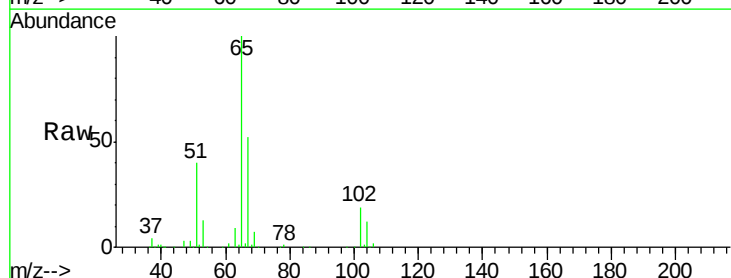
Acq: 09 Jul 2019 14:47

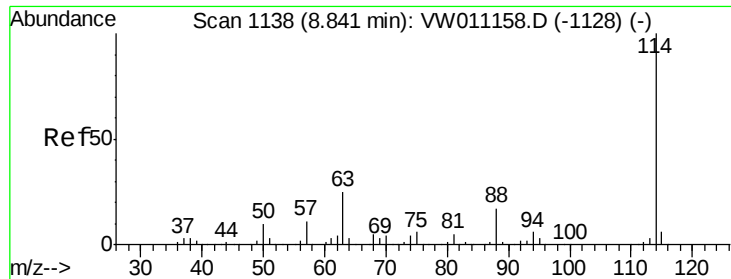
Tgt Ion: 65 Resp: 121696

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4

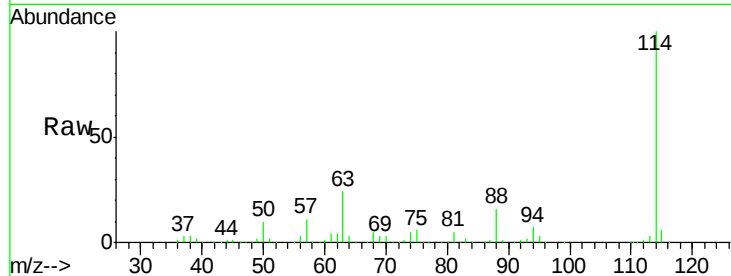




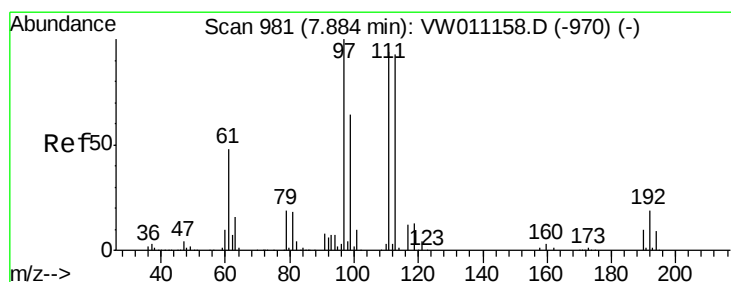
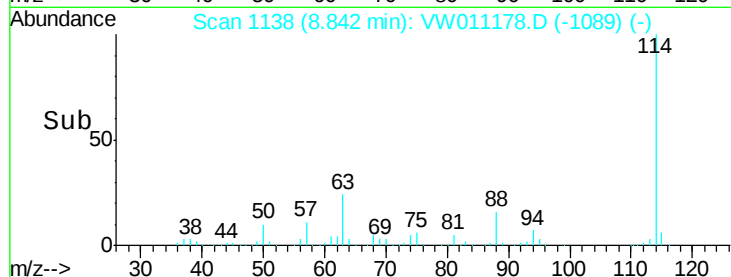
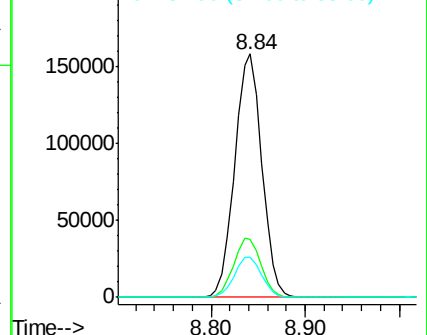
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011178.D
 Acq: 09 Jul 2019 14:47

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12000

Tot Ion:114 Resp: 315476
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.2 0.0 34.2

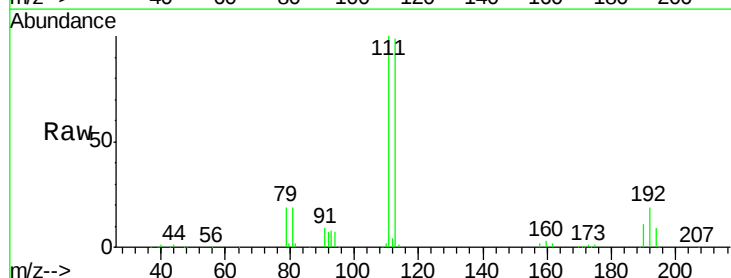


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

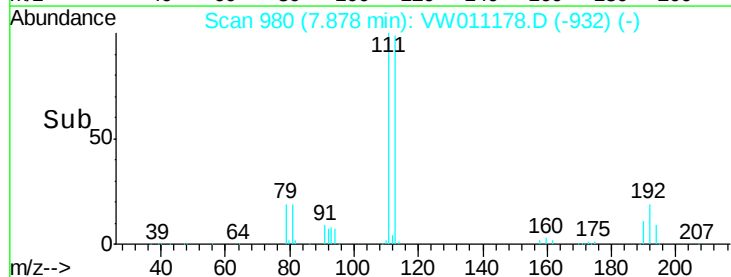
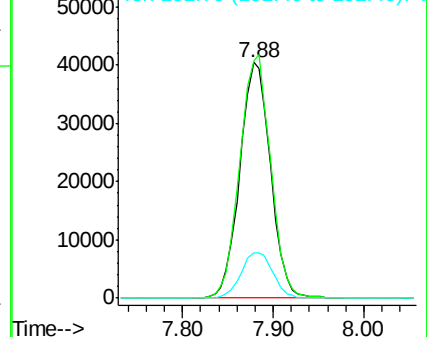


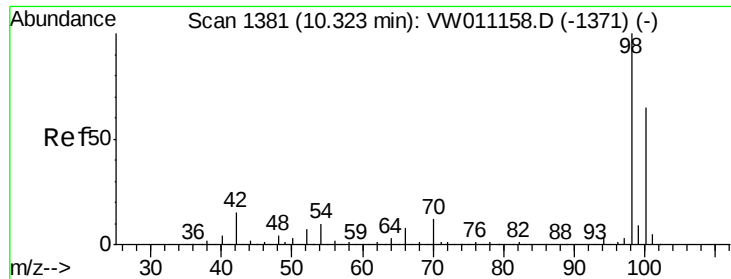
#35
 Dibromofluoromethane
 Concen: 50.482 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011178.D
 Acq: 09 Jul 2019 14:47

Tgt Ion:113 Resp: 94926
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 20.0 15.8 23.8



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

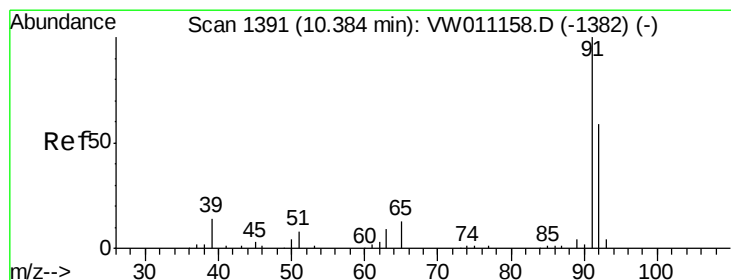
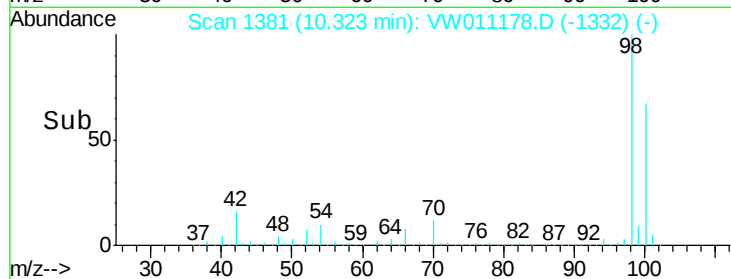
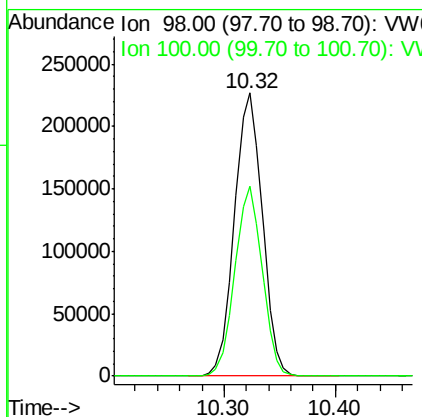
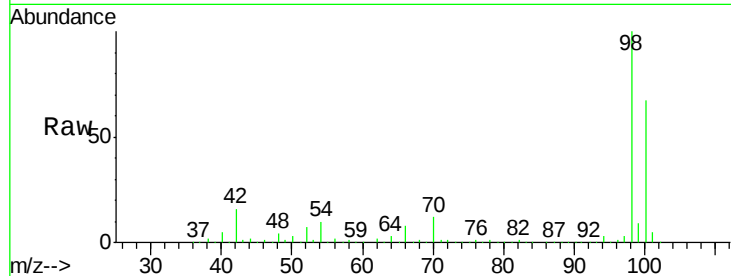




#50
Toluene-d8
Concen: 51.910 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011178.D
Acq: 09 Jul 2019 14:47

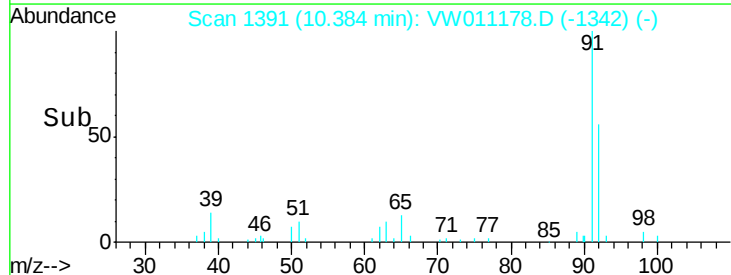
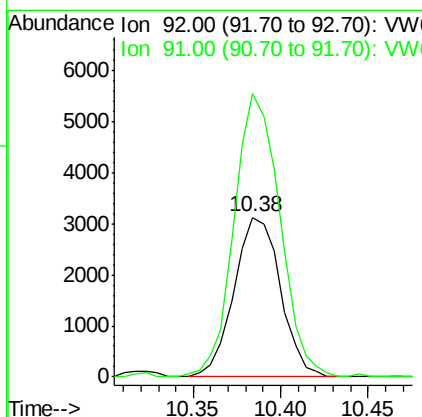
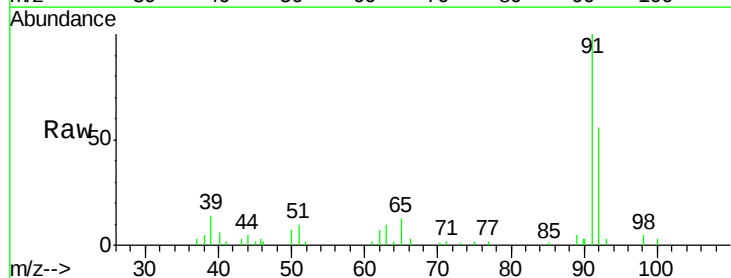
Instrument :
MSVOA_W
ClientSampleId :
72-12000

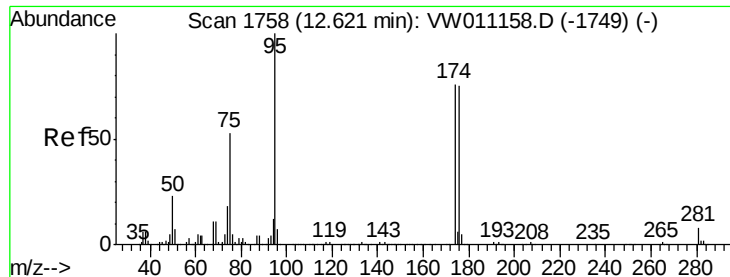
Tot Ion: 98 Resp: 394559
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#52
Toluene
Concen: 1.023 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW011178.D
Acq: 09 Jul 2019 14:47

Tgt Ion: 92 Resp: 5763
Ion Ratio Lower Upper
92 100
91 175.5 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 45.848 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011178.D

Acq: 09 Jul 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

72-12000

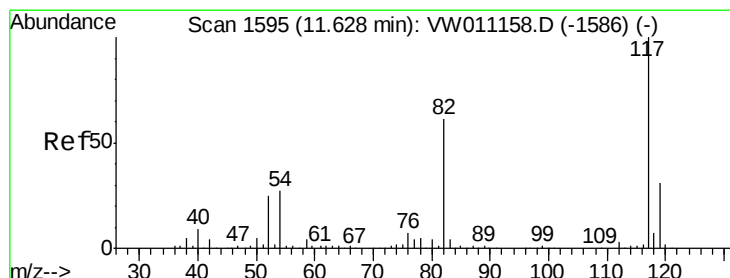
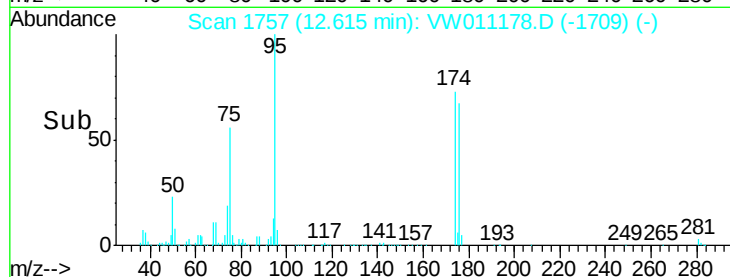
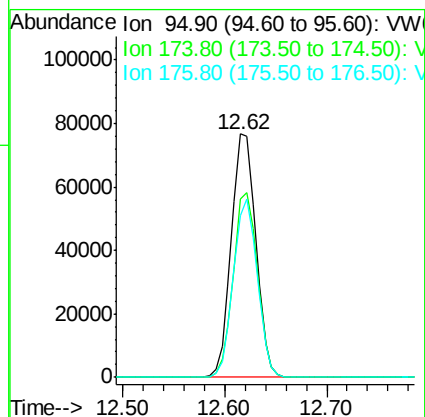
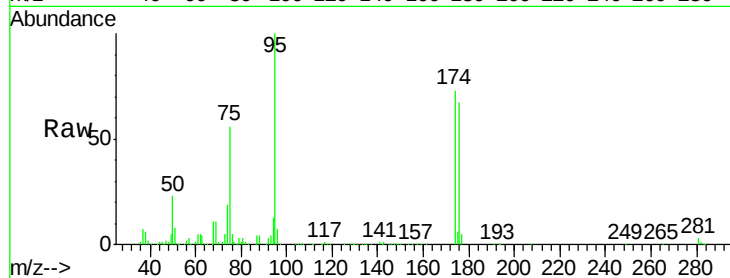
Tot Ion: 95 Resp: 127730

Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.6

176 71.0 0.0 144.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011178.D

Acq: 09 Jul 2019 14:47

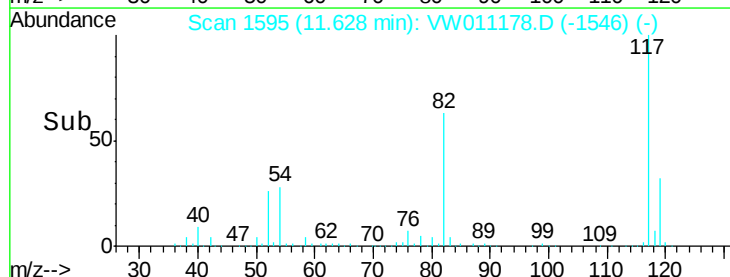
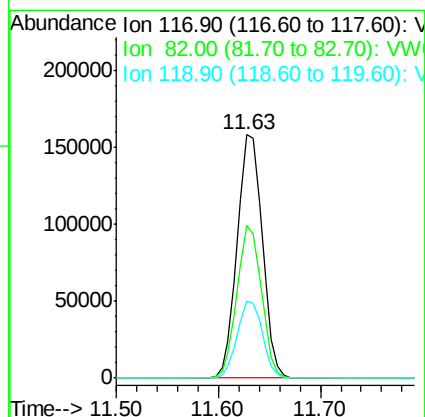
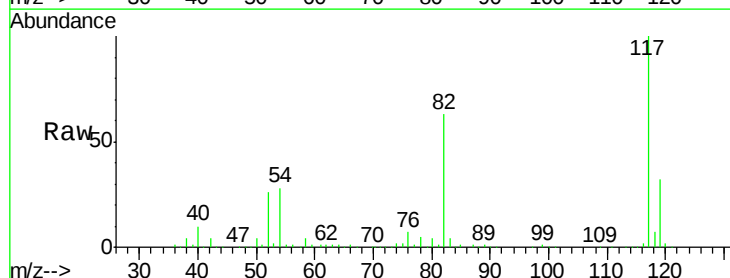
Tgt Ion: 117 Resp: 270149

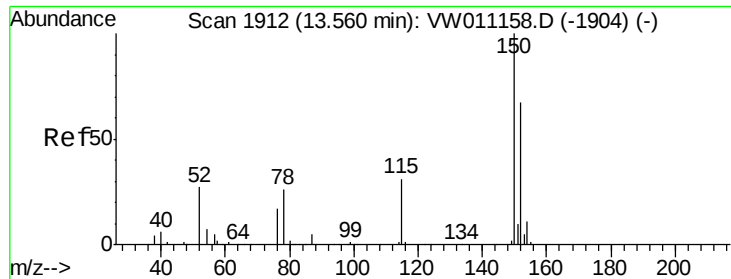
Ion Ratio Lower Upper

117 100

82 62.7 48.9 73.3

119 31.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011178.D

Acq: 09 Jul 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

72-12000

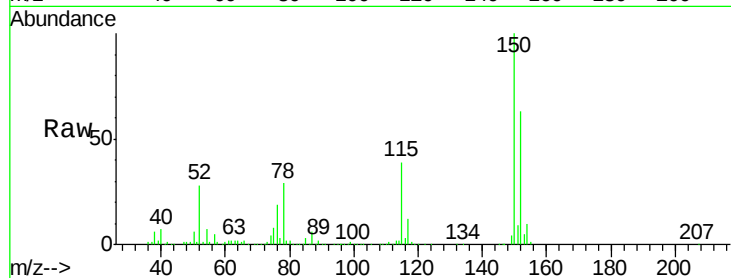
Tot Ion:152 Resp: 112823

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 158.3 0.0 346.0



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

