

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080819\
 Data File : VW011758.D
 Acq On : 07 Aug 2019 18:13
 Operator : SY/VA
 Sample : K4219-07
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 355-35-76

Quant Time: Aug 08 09:08:12 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	202566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110328	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133408	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
35) Dibromofluoromethane	7.88	113	105122	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
50) Toluene-d8	10.32	98	415047	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.62	95	128257	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	

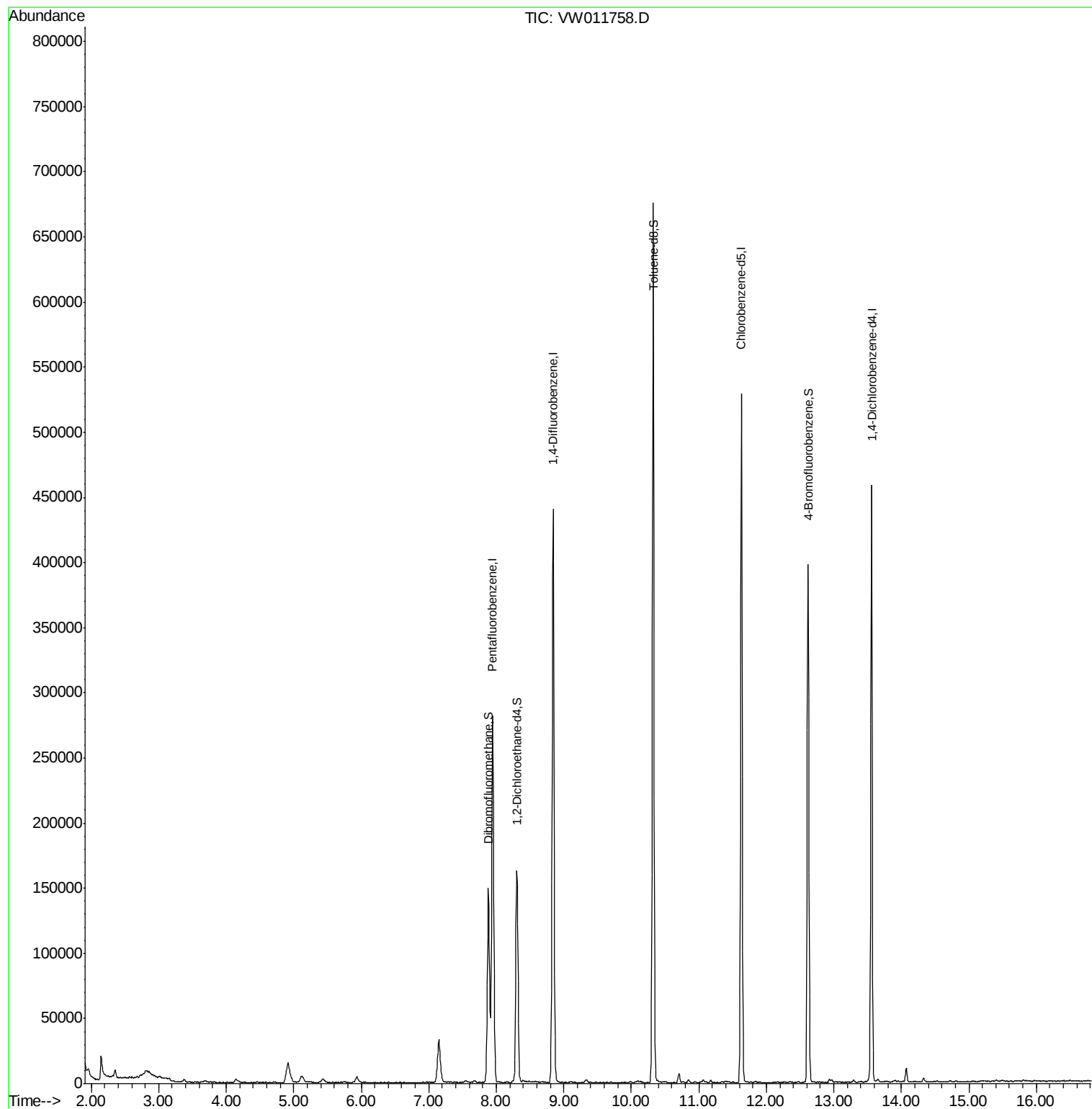
Target Compounds	Qvalue

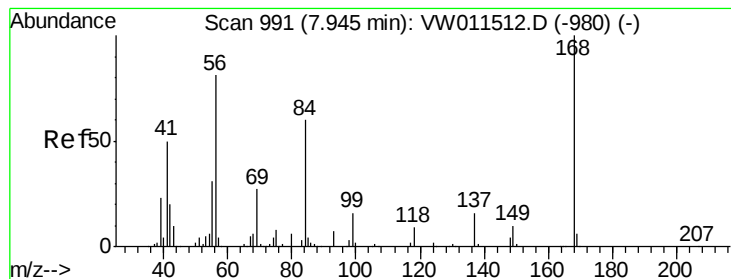
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011758.D

Acq: 07 Aug 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

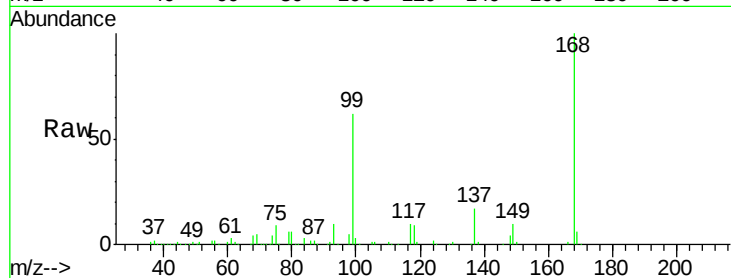
355-35-76

Tot Ion:168 Resp: 202566

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

100000

80000

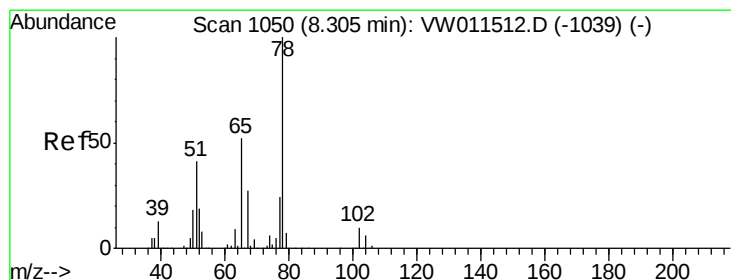
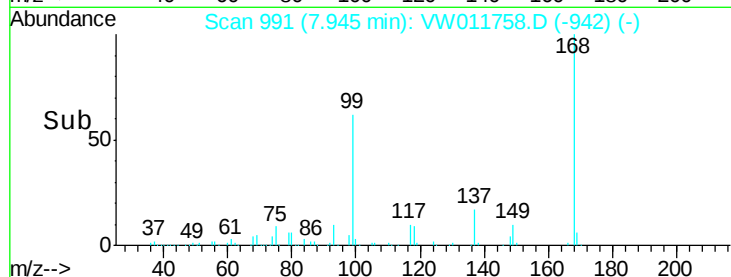
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 57.355 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011758.D

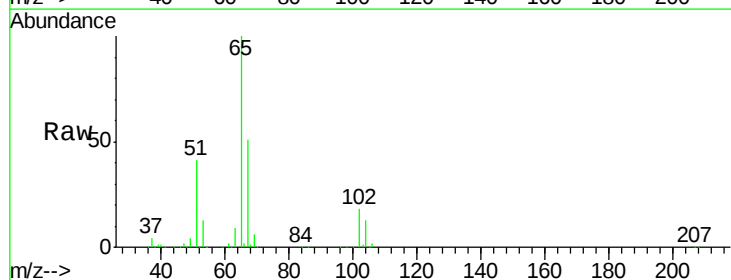
Acq: 07 Aug 2019 18:13

Tgt Ion: 65 Resp: 133408

Ion Ratio Lower Upper

65 100

67 51.7 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

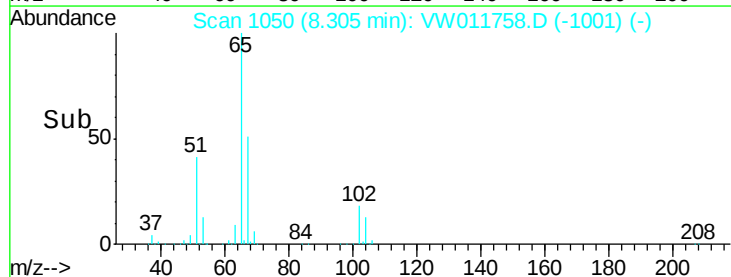
60000

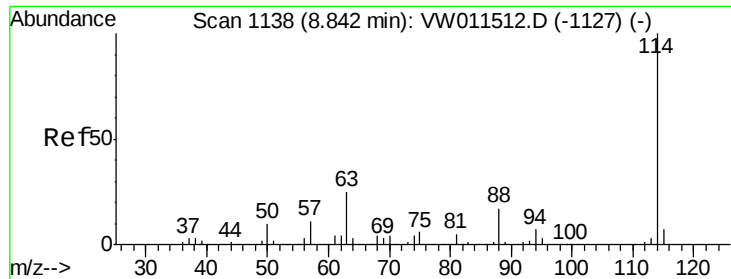
40000

20000

0

Time--> 8.20 8.30 8.40

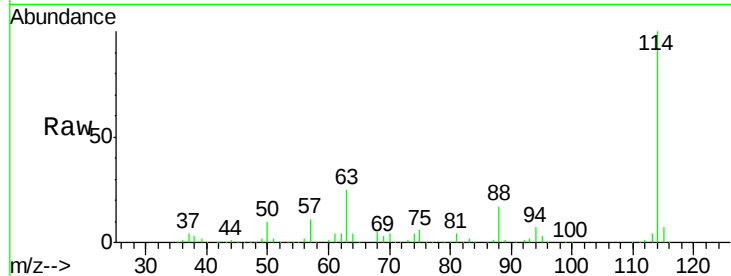




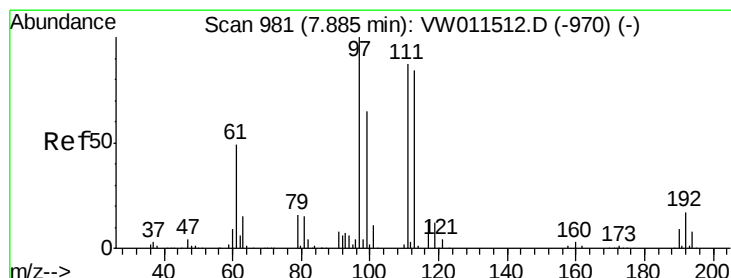
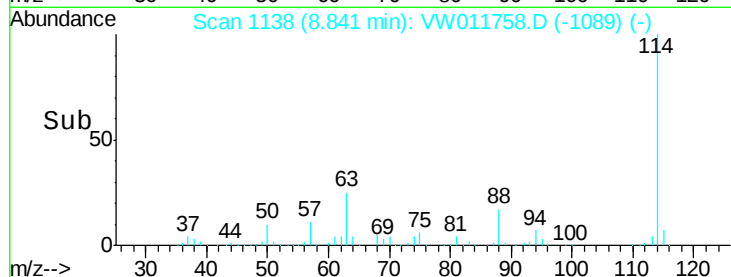
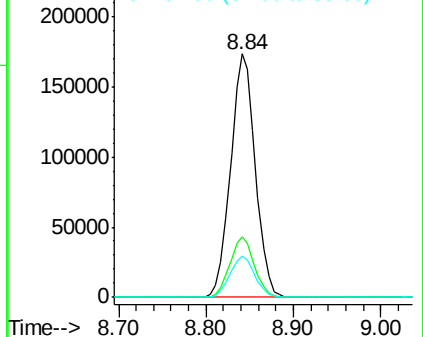
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011758.D
 Acq: 07 Aug 2019 18:13

Instrument :
 MSVOA_W
 ClientSampleId :
 355-35-76

Tot Ion:114 Resp: 339616
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 17.0 0.0 33.8

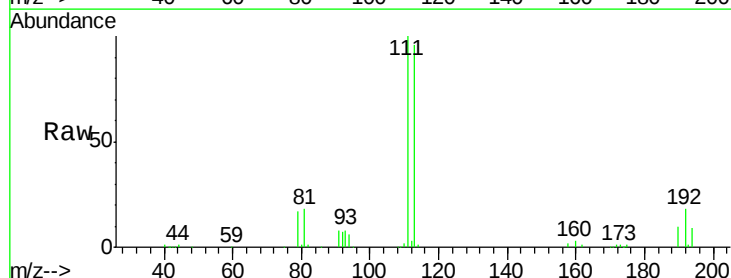


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

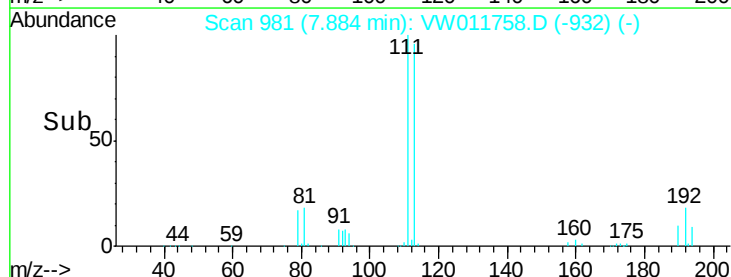
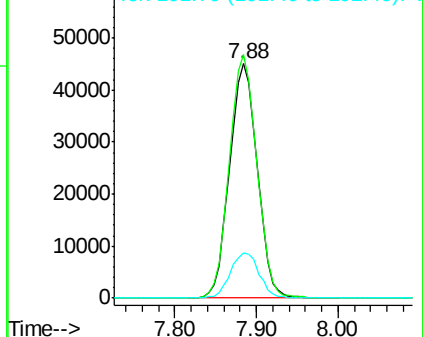


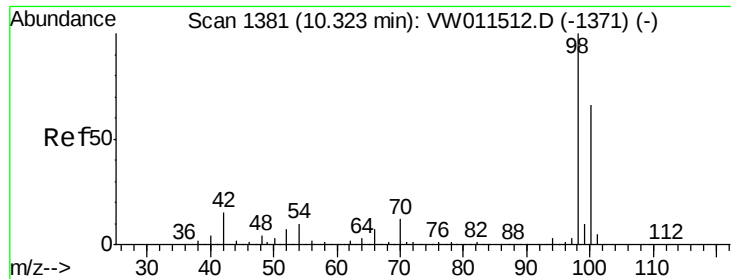
#35
 Dibromofluoromethane
 Concen: 55.173 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011758.D
 Acq: 07 Aug 2019 18:13

Tgt Ion:113 Resp: 105122
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.0 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

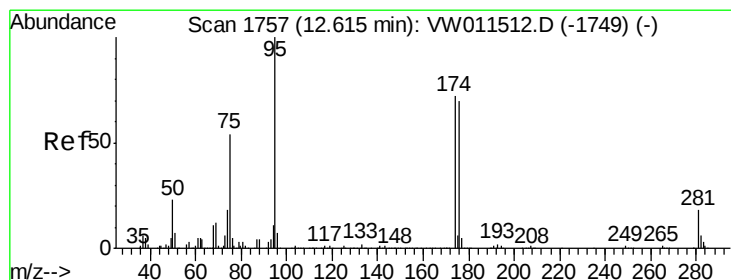
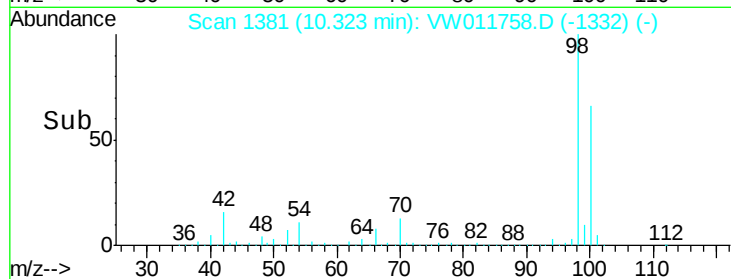
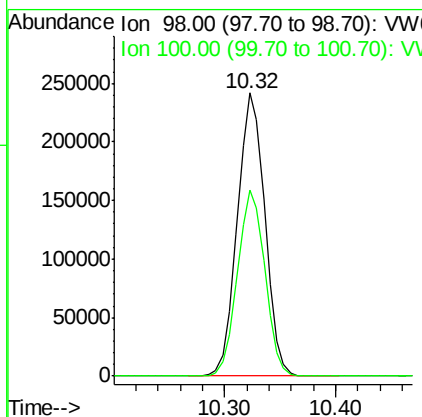
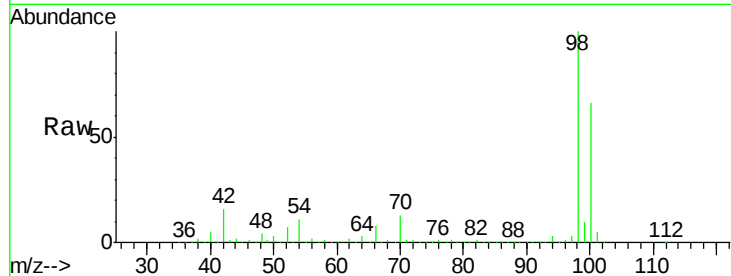




#50
Toluene-d8
Concen: 53.205 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011758.D
Acq: 07 Aug 2019 18:13

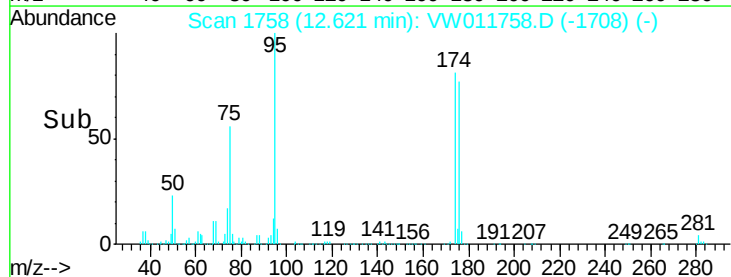
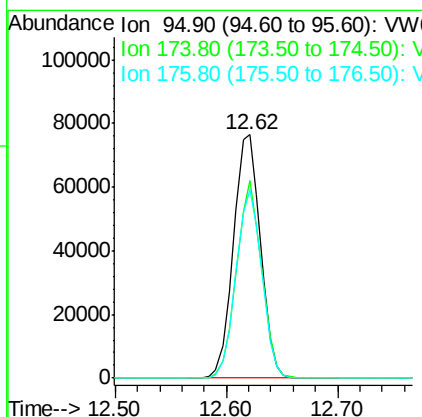
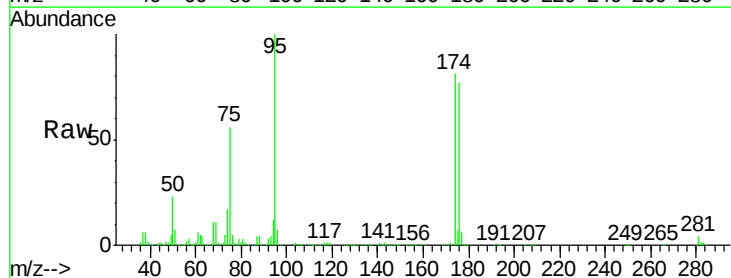
Instrument :
MSVOA_W
ClientSampleId :
355-35-76

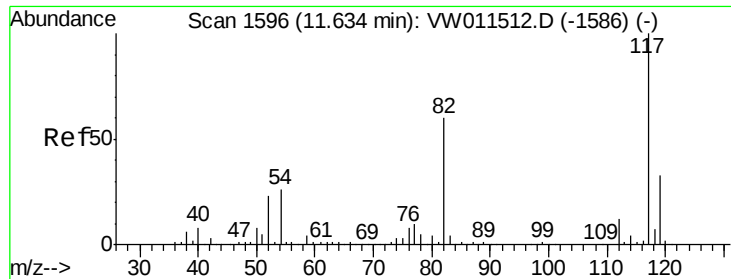
Tot Ion: 98 Resp: 415047
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.116 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011758.D
Acq: 07 Aug 2019 18:13

Tgt Ion: 95 Resp: 128257
Ion Ratio Lower Upper
95 100
174 75.6 0.0 150.2
176 73.9 0.0 144.4

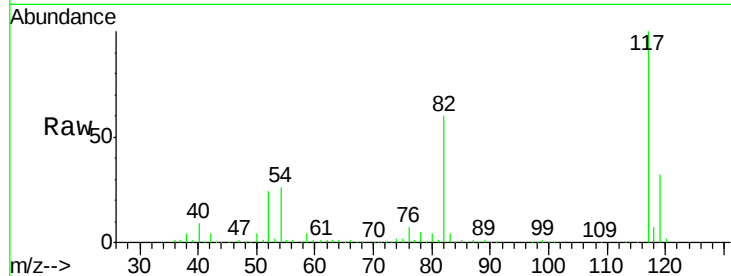




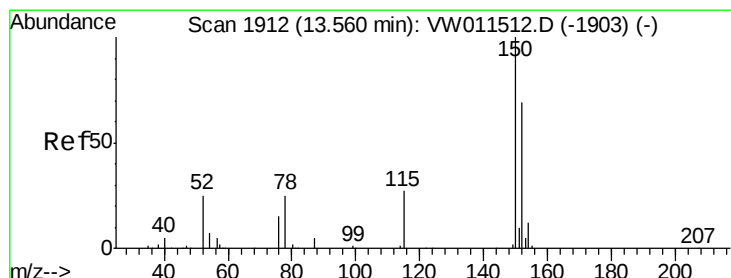
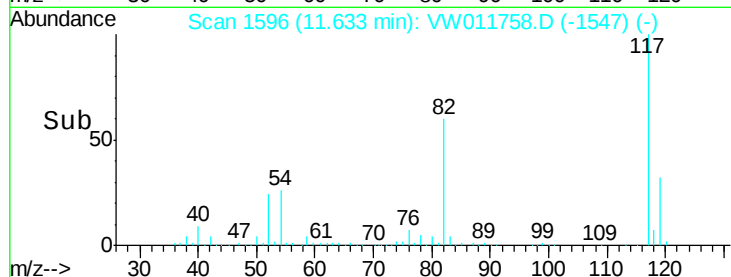
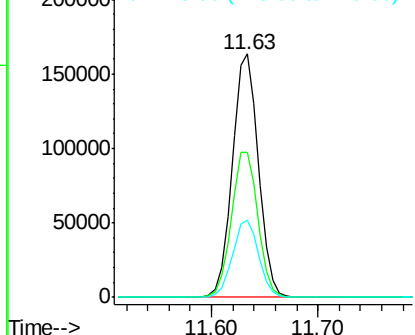
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011758.D
Acq: 07 Aug 2019 18:13

Instrument :
MSVOA_W
ClientSampleId :
355-35-76

Tot Ion:117 Resp: 279739
Ion Ratio Lower Upper
117 100
82 59.6 47.9 71.9
119 31.6 26.2 39.2

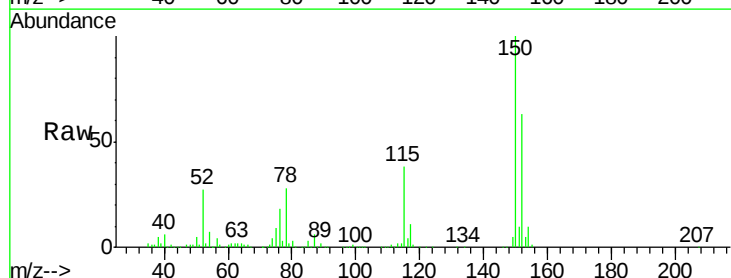


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011758.D
Acq: 07 Aug 2019 18:13

Tgt Ion:152 Resp: 110328
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 157.6 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

