

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015663.D
 Acq On : 23 Jun 2020 15:54
 Operator : SY/VA
 Sample : L3020-16
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MW-27(13-15)

Quant Time: Jun 24 03:51:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

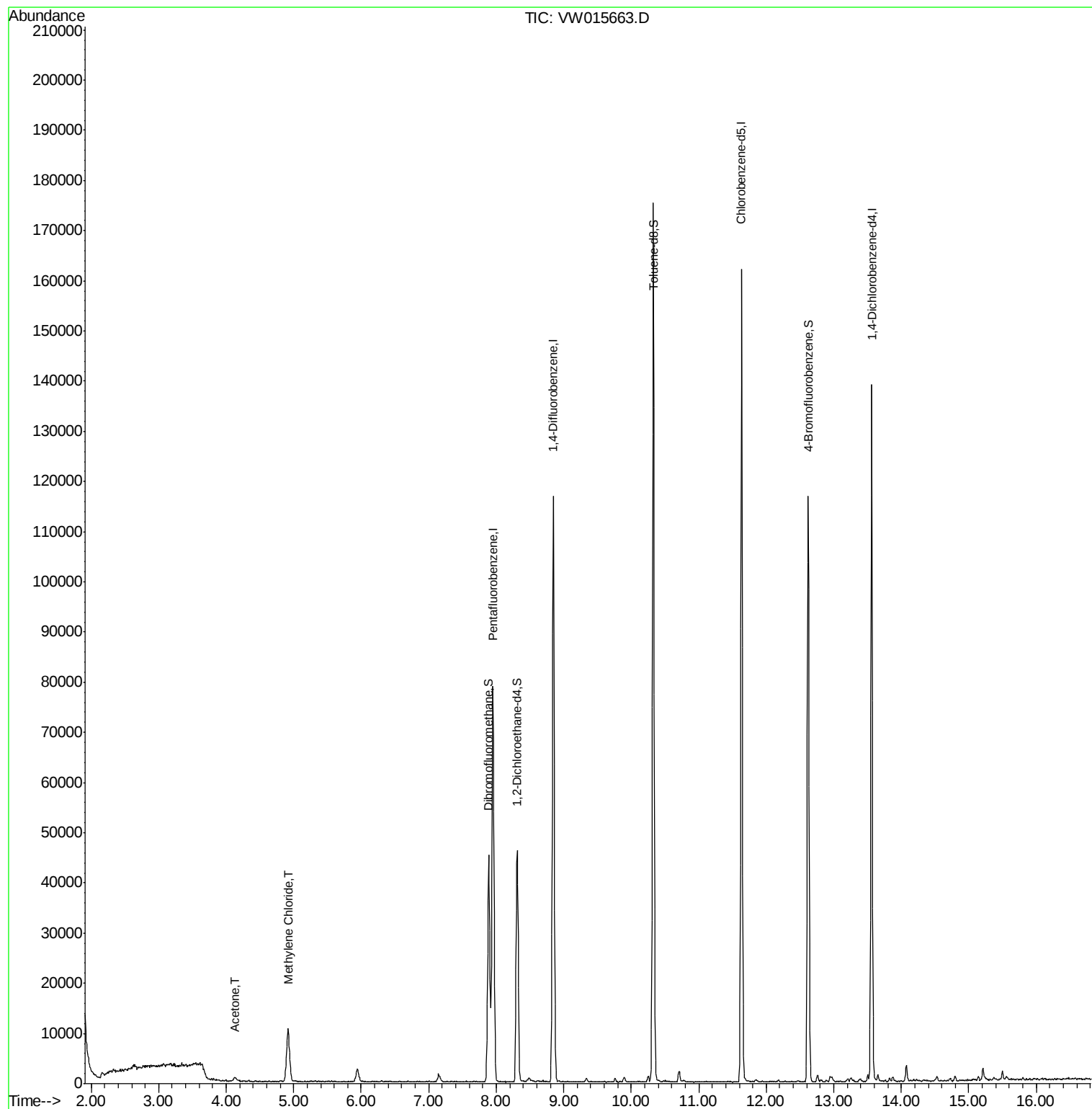
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	56000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	96667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37411	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.08%	
35) Dibromofluoromethane	7.89	113	31450	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	10.33	98	115365	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.62	95	38181	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
Target Compounds						
16) Acetone	4.13	43	1414	11.938	ug/l #	77
20) Methylene Chloride	4.92	84	7844	9.942	ug/l	98

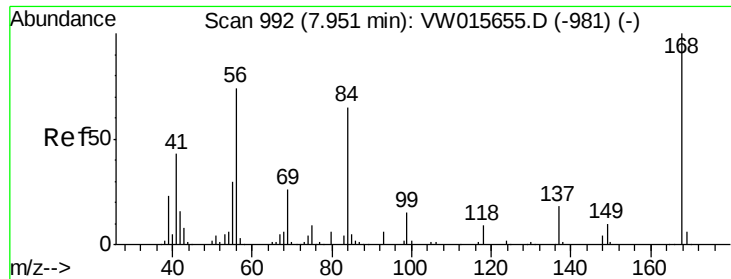
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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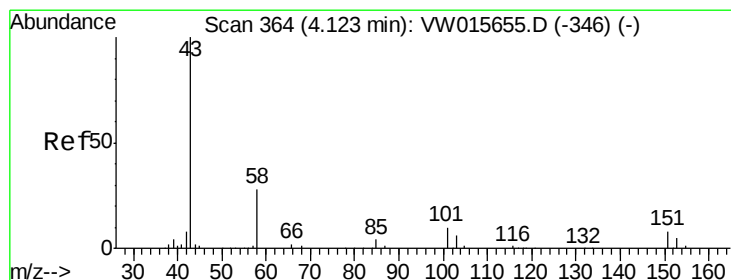
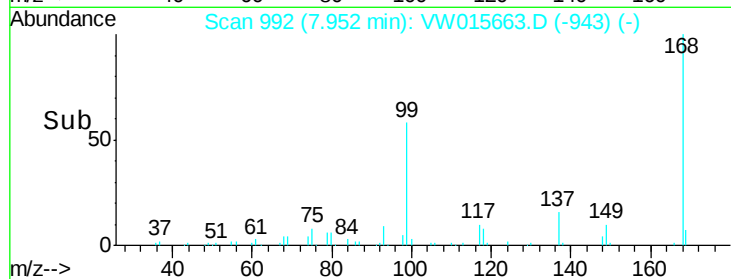
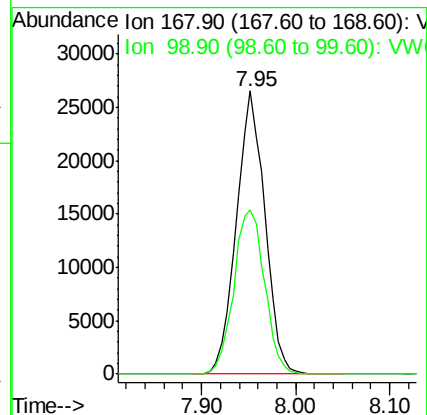
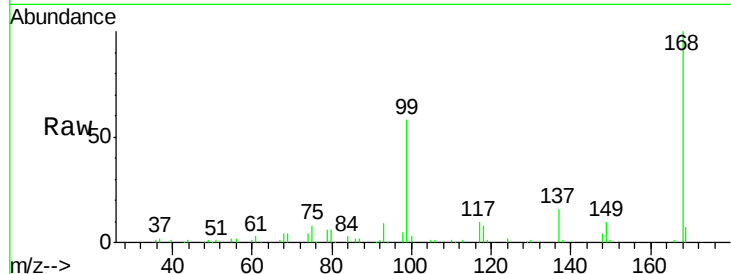


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW015663.D
 Acq: 23 Jun 2020 15:54

Instrument :
 MSVOA_W
 ClientSampleId :
 MW-27(13-15)

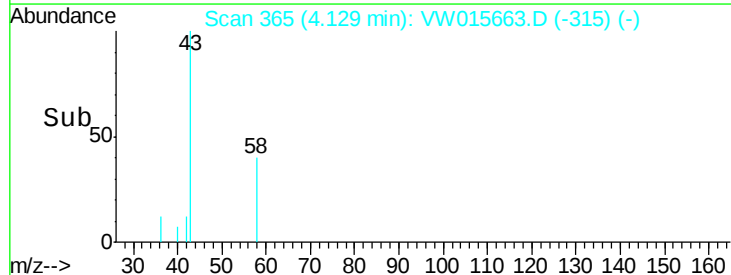
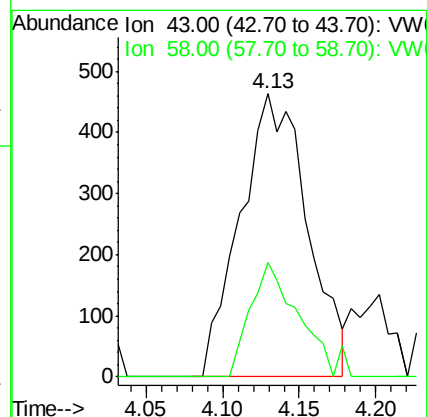
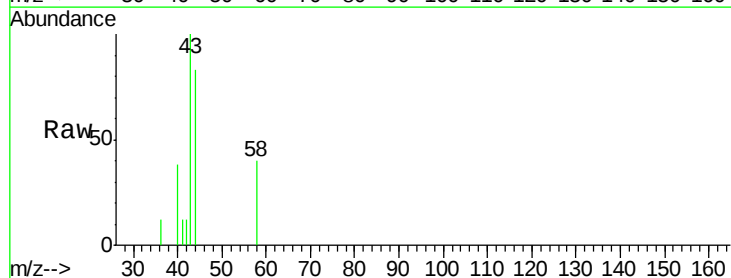
Tot Ion:168 Resp: 56000
 Ion Ratio Lower Upper
 168 100
 99 57.9 48.6 73.0

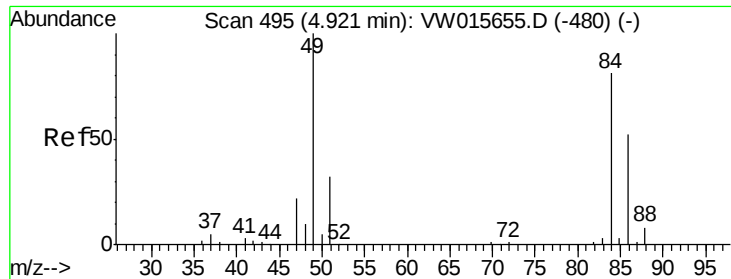


#16

Acetone
 Concen: 11.938 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW015663.D
 Acq: 23 Jun 2020 15:54

Tgt Ion: 43 Resp: 1414
 Ion Ratio Lower Upper
 43 100
 58 40.4 22.6 33.8#

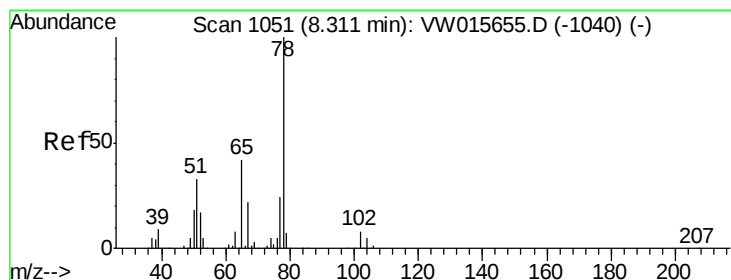
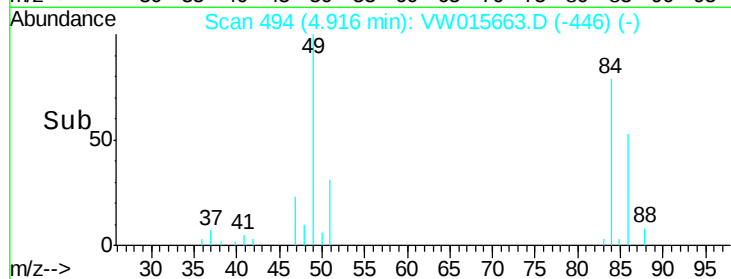
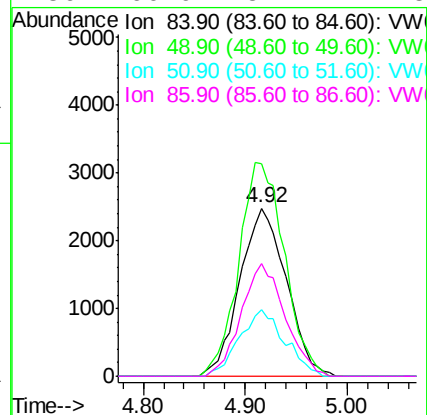
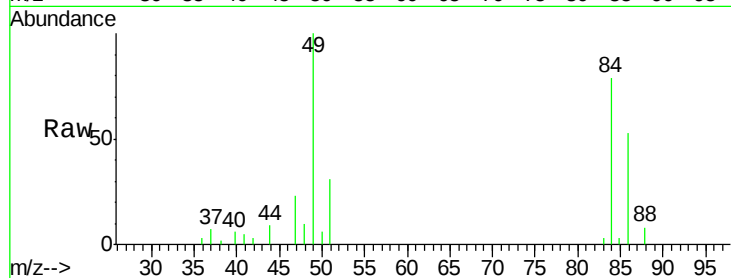




#20
Methylene Chloride
Concen: 9.942 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

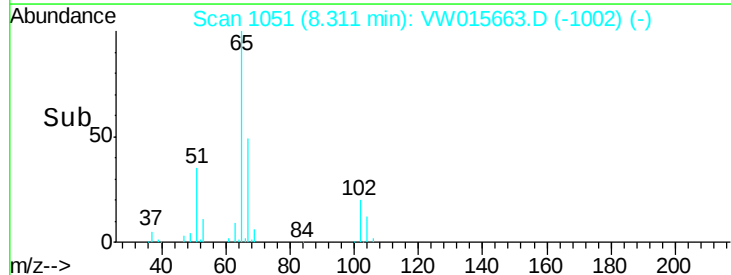
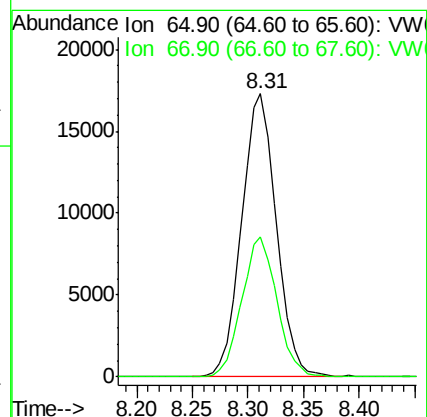
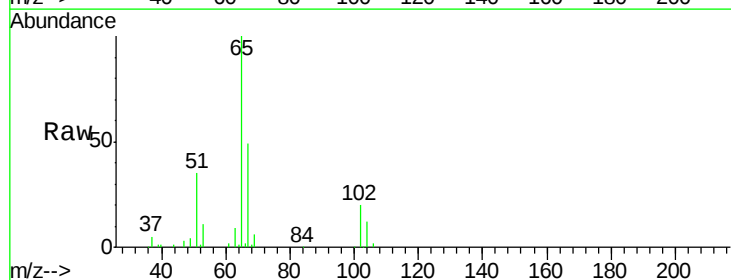
Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

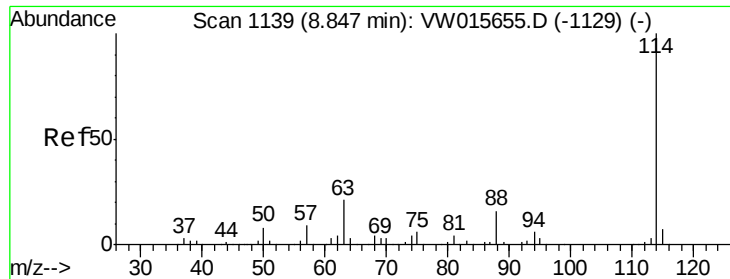
Tot Ion: 84 Resp: 7844
Ion Ratio Lower Upper
84 100
49 126.7 99.3 148.9
51 39.3 31.8 47.6
86 66.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 60.042 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

Tgt Ion: 65 Resp: 37411
Ion Ratio Lower Upper
65 100
67 49.7 0.0 102.2

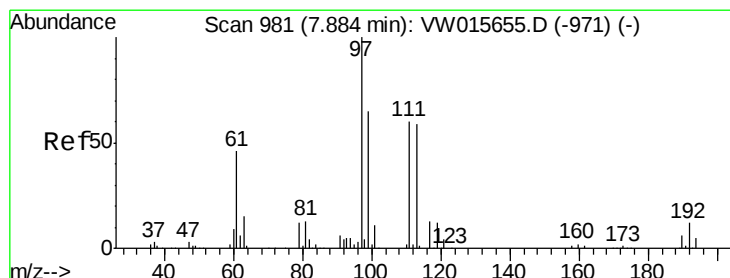
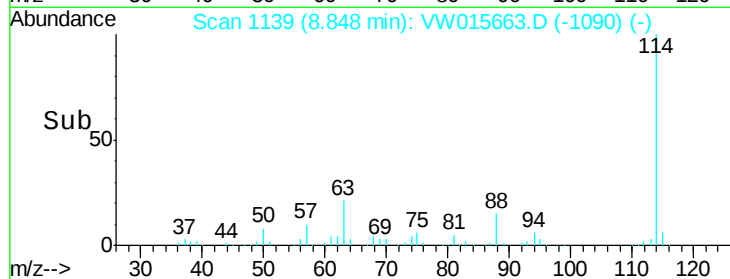
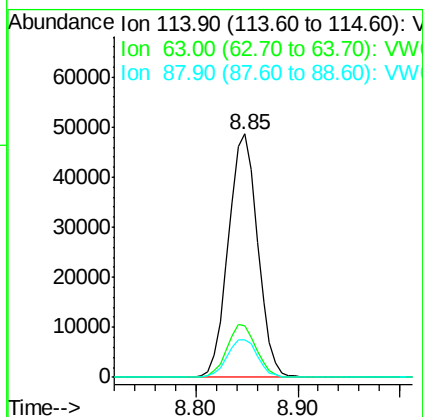
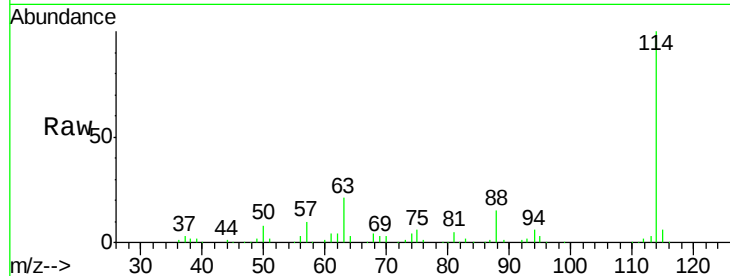




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

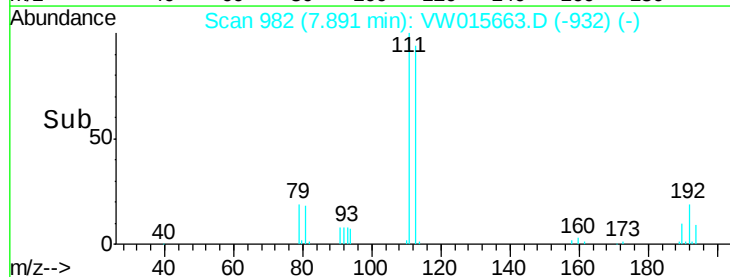
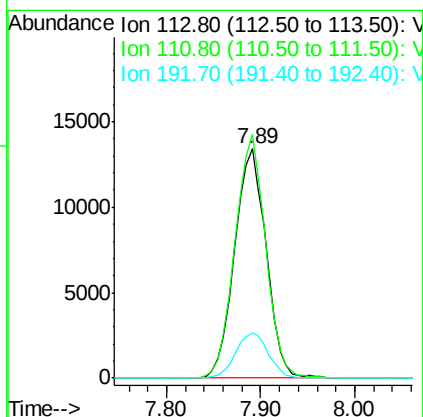
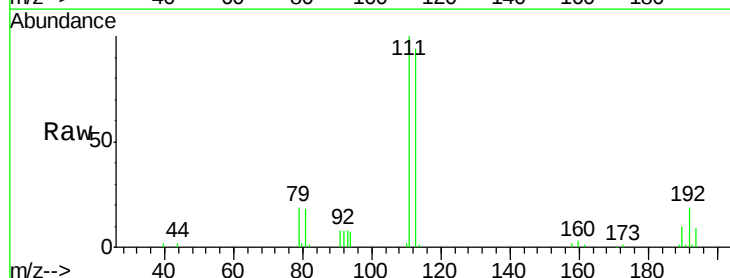
Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

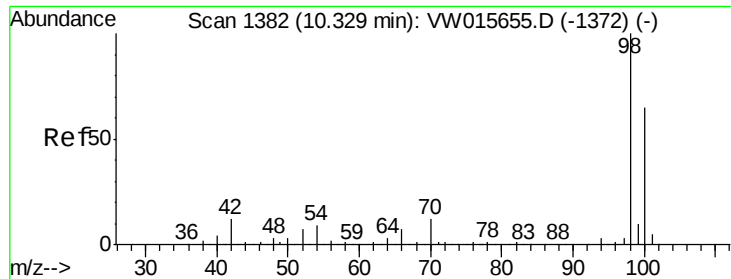
Tot Ion:114 Resp: 96667
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.4
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.722 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

Tgt Ion:113 Resp: 31450
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 20.2 16.4 24.6





#50

Toluene-d8

Concen: 48.210 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015663.D

Acq: 23 Jun 2020 15:54

Instrument :

MSVOA_W

ClientSampleId :

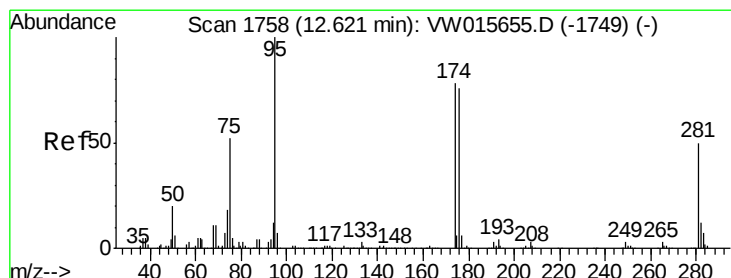
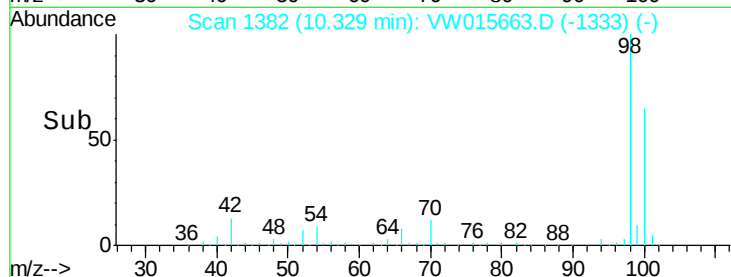
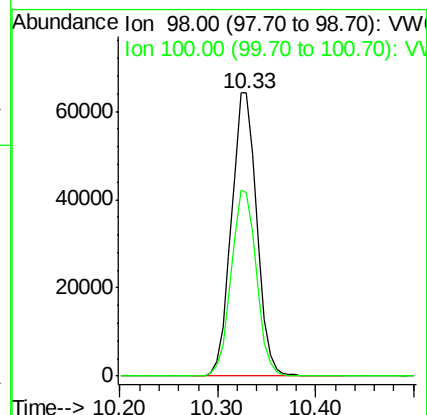
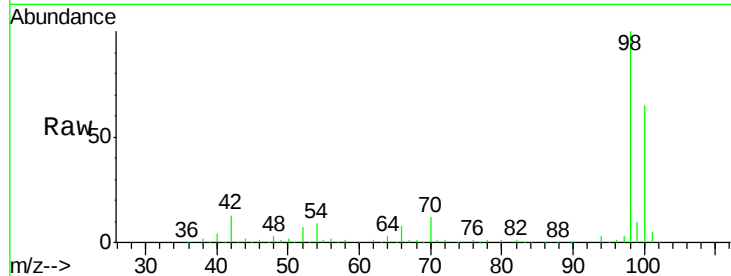
MW-27(13-15)

Tot Ion: 98 Resp: 115365

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 43.325 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015663.D

Acq: 23 Jun 2020 15:54

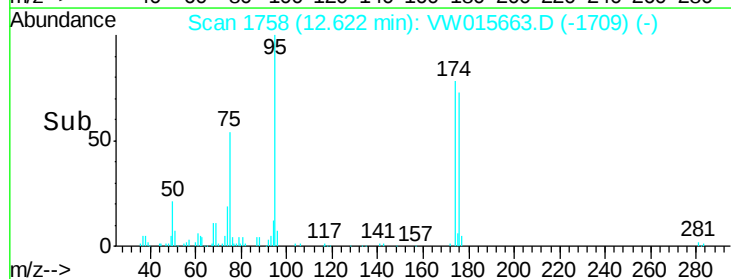
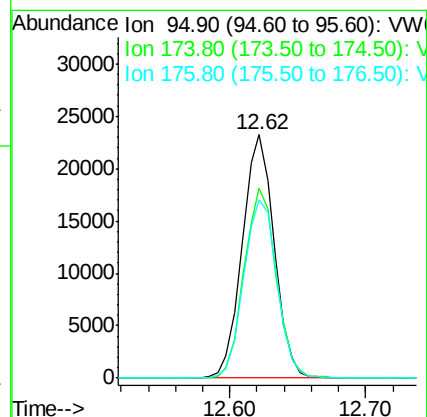
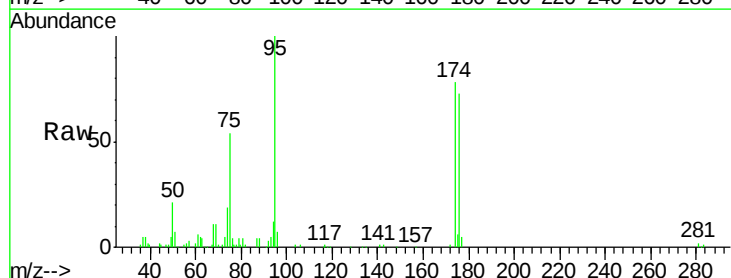
Tgt Ion: 95 Resp: 38181

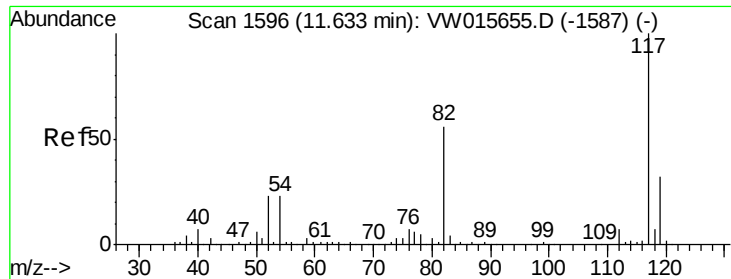
Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.0

176 76.2 0.0 151.4

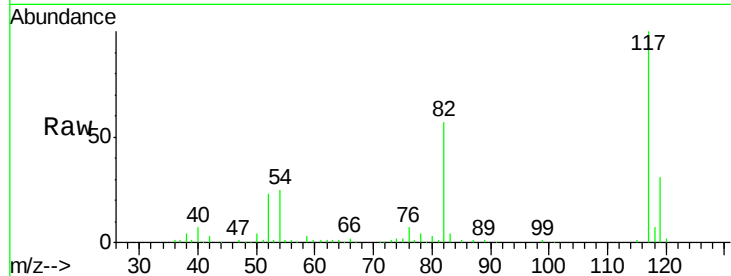




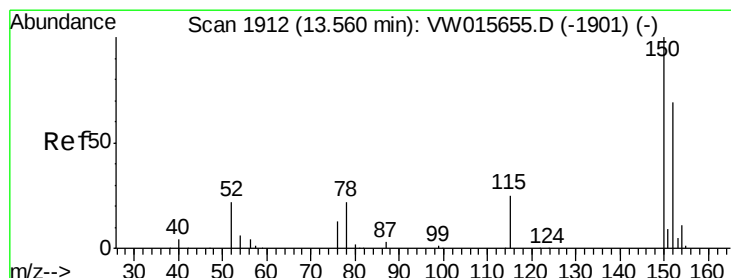
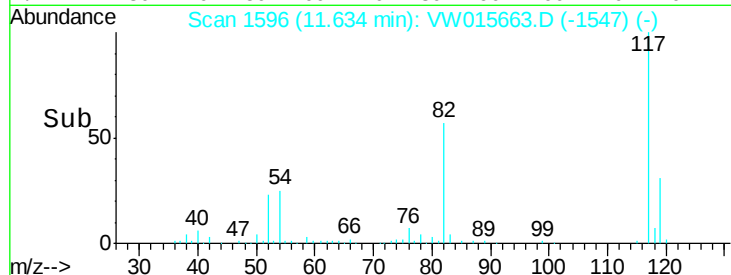
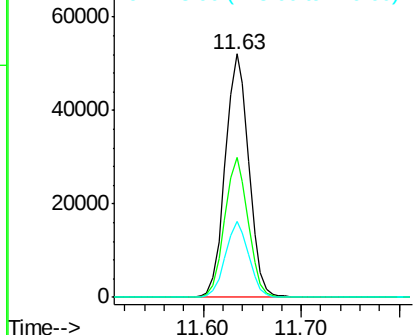
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tot Ion:117 Resp: 87019
Ion Ratio Lower Upper
117 100
82 57.3 45.1 67.7
119 30.9 25.8 38.8

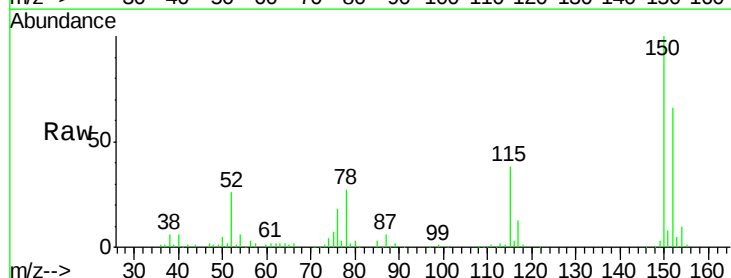


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015663.D
Acq: 23 Jun 2020 15:54

Tgt Ion:152 Resp: 35312
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.5
150 159.6 0.0 345.6



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

