

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020869.D
 Acq On : 12 Nov 2021 21:36
 Operator : SY/VA
 Sample : M4657-04
 Misc : 4.72g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VWE-B31-111121-14-15

Quant Time: Nov 15 00:13:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.946	168	75829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	121322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	110693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	57748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	40892	65.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.420%	
35) Dibromofluoromethane	7.885	113	37614	55.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.323	98	132050	49.761	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.615	95	49663	51.872	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.740%	

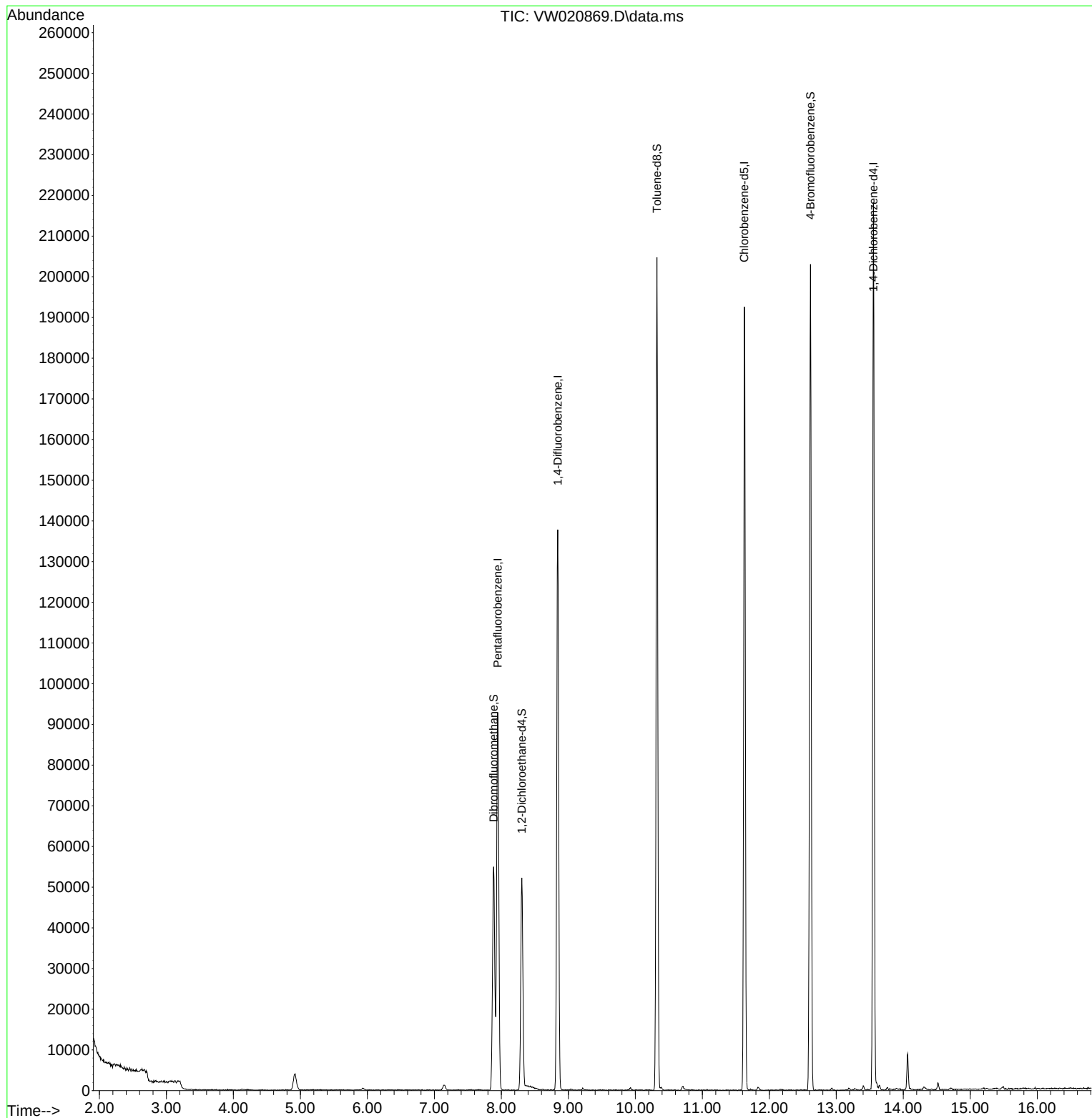
Target Compounds	Qvalue

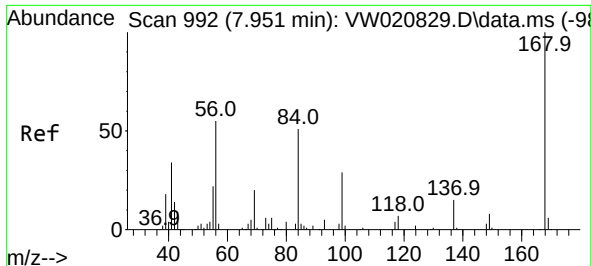
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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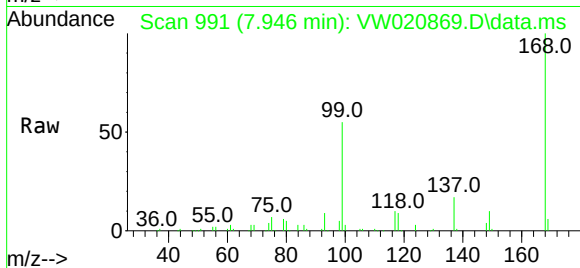
Quant Time: Nov 15 00:13:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
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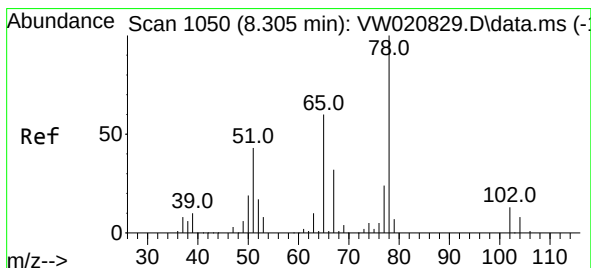
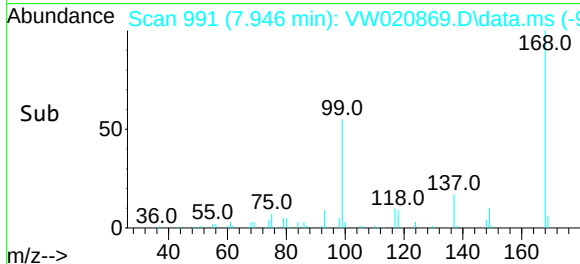
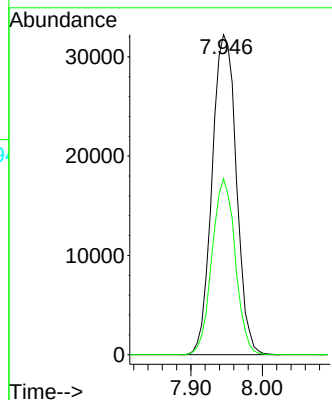


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW020869.D
Acq: 12 Nov 2021 21:36

Instrument :
MSVOA_W
ClientSampleId :
VWE-B31-111121-14-15

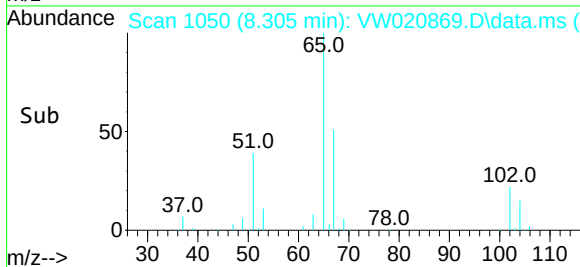
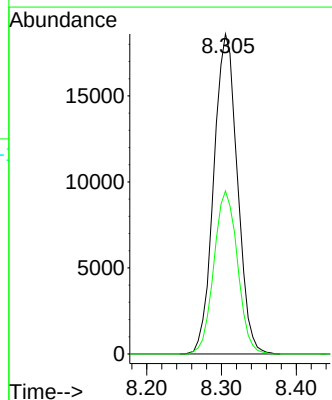
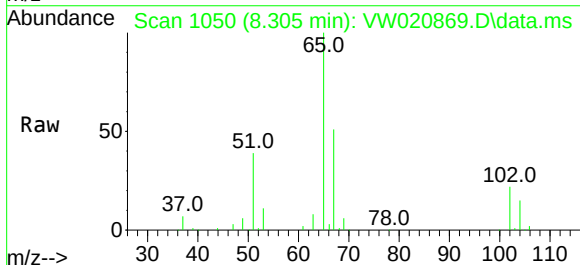


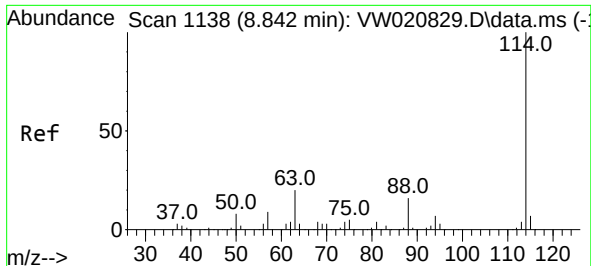
Tgt Ion:168 Resp: 75829
Ion Ratio Lower Upper
168 100
99 55.0 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 65.211 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020869.D
Acq: 12 Nov 2021 21:36

Tgt Ion: 65 Resp: 40892
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020869.D

Acq: 12 Nov 2021 21:36

Instrument :

MSVOA_W

ClientSampleId :

VWE-B31-111121-14-15

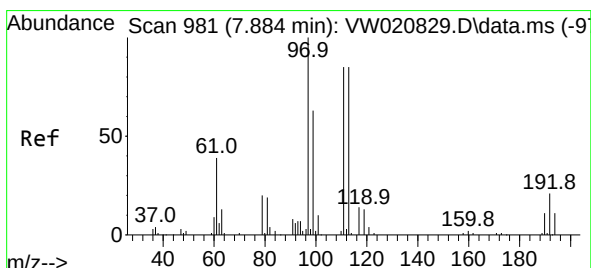
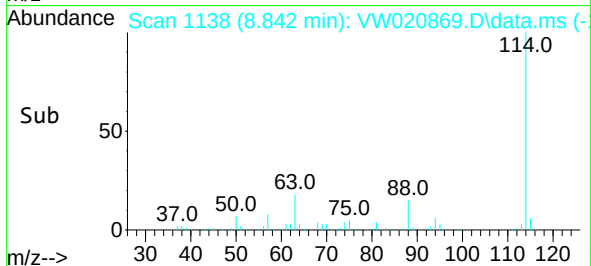
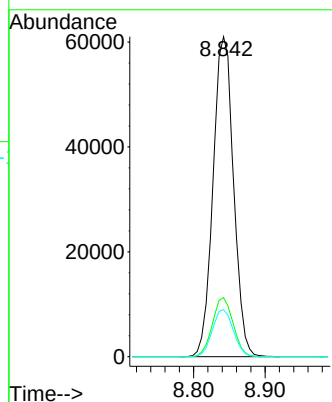
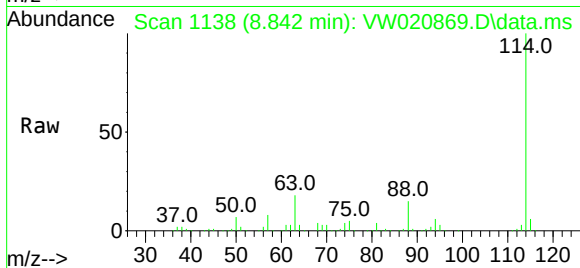
Tgt Ion:114 Resp: 121322

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.8

88 14.7 0.0 33.0



#35

Dibromofluoromethane

Concen: 55.457 ug/l

RT: 7.885 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW020869.D

Acq: 12 Nov 2021 21:36

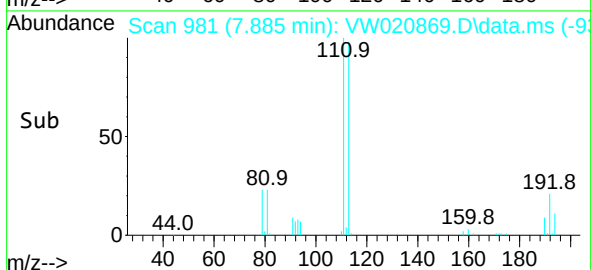
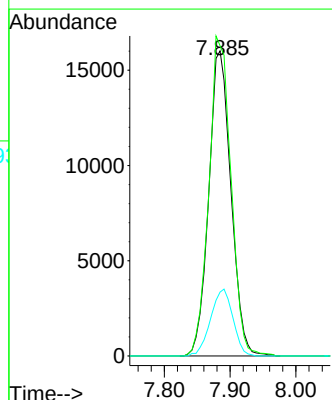
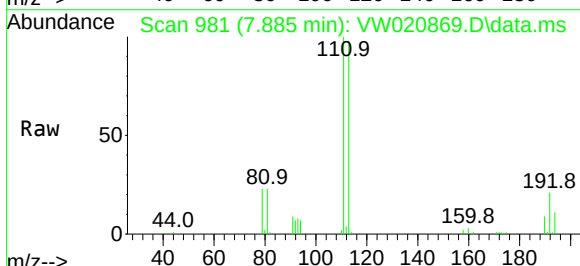
Tgt Ion:113 Resp: 37614

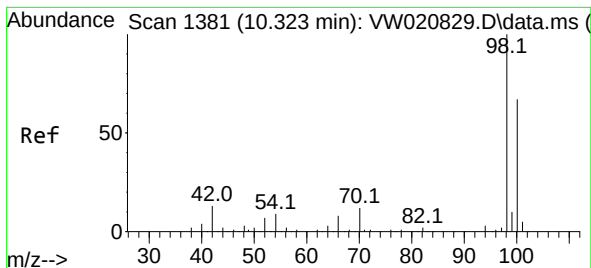
Ion Ratio Lower Upper

113 100

111 104.6 82.1 123.1

192 22.0 17.8 26.8





#50

Toluene-d8

Concen: 49.761 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020869.D

Acq: 12 Nov 2021 21:36

Instrument :

MSVOA_W

ClientSampleId :

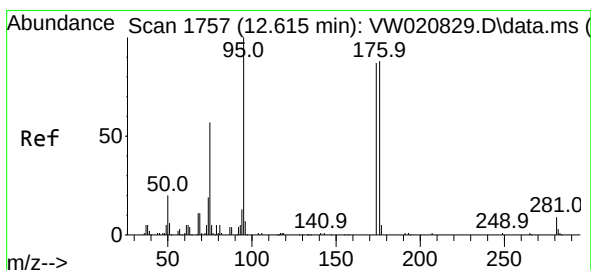
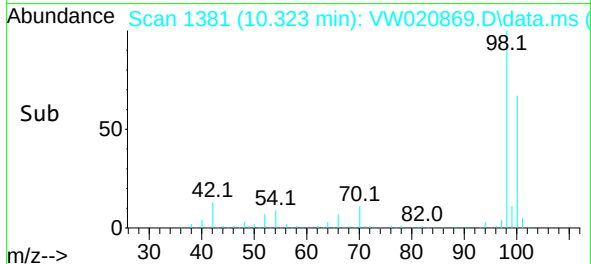
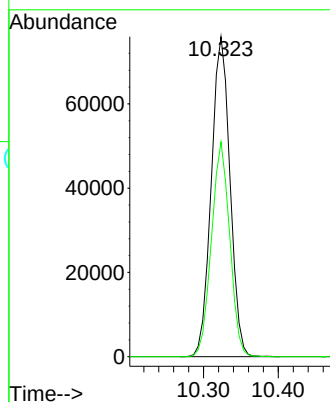
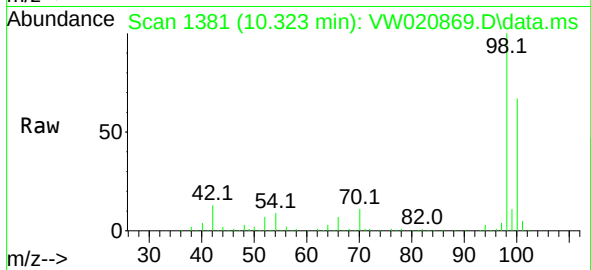
VWE-B31-111121-14-15

Tgt Ion: 98 Resp: 132050

Ion Ratio Lower Upper

98 100

100 65.5 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 51.872 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VW020869.D

Acq: 12 Nov 2021 21:36

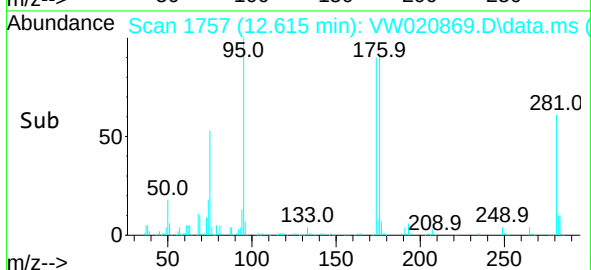
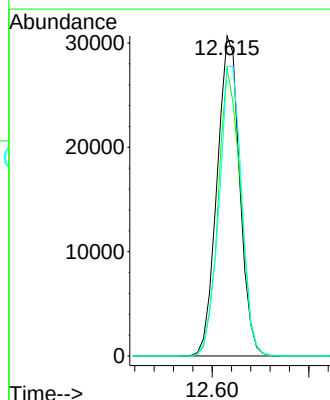
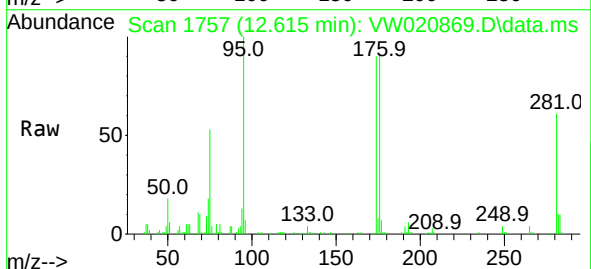
Tgt Ion: 95 Resp: 49663

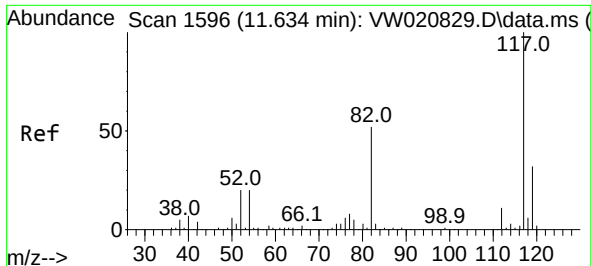
Ion Ratio Lower Upper

95 100

174 88.6 0.0 166.4

176 90.8 0.0 159.8

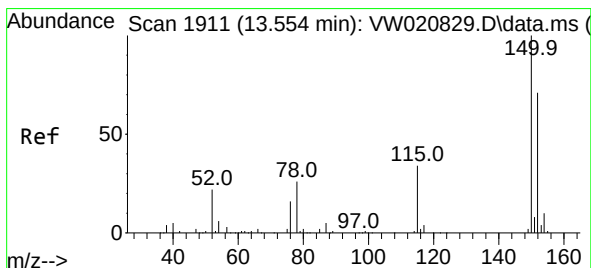
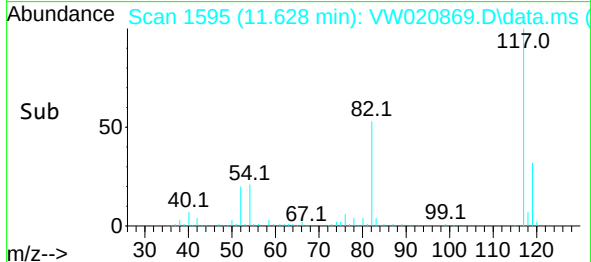
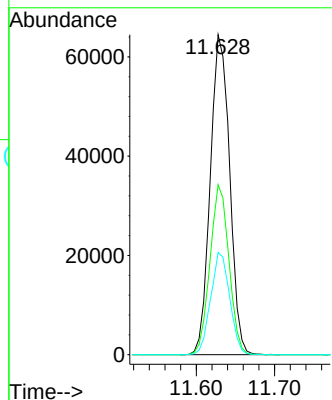
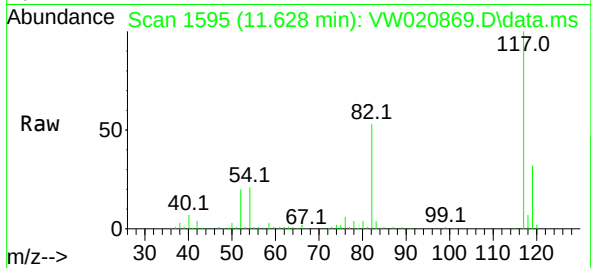




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020869.D
Acq: 12 Nov 2021 21:36

Instrument :
MSVOA_W
ClientSampleId :
VWE-B31-111121-14-15

Tgt Ion:117 Resp: 110693
Ion Ratio Lower Upper
117 100
82 53.1 45.6 68.4
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020869.D
Acq: 12 Nov 2021 21:36

Tgt Ion:152 Resp: 57748
Ion Ratio Lower Upper
152 100
115 54.8 29.6 88.9
150 157.9 0.0 352.6

