

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080361.D
 Acq On : 05 Dec 2023 13:12
 Operator : JC\MD
 Sample : 05612-04DL 1000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04IDL

Quant Time: Dec 06 00:50:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

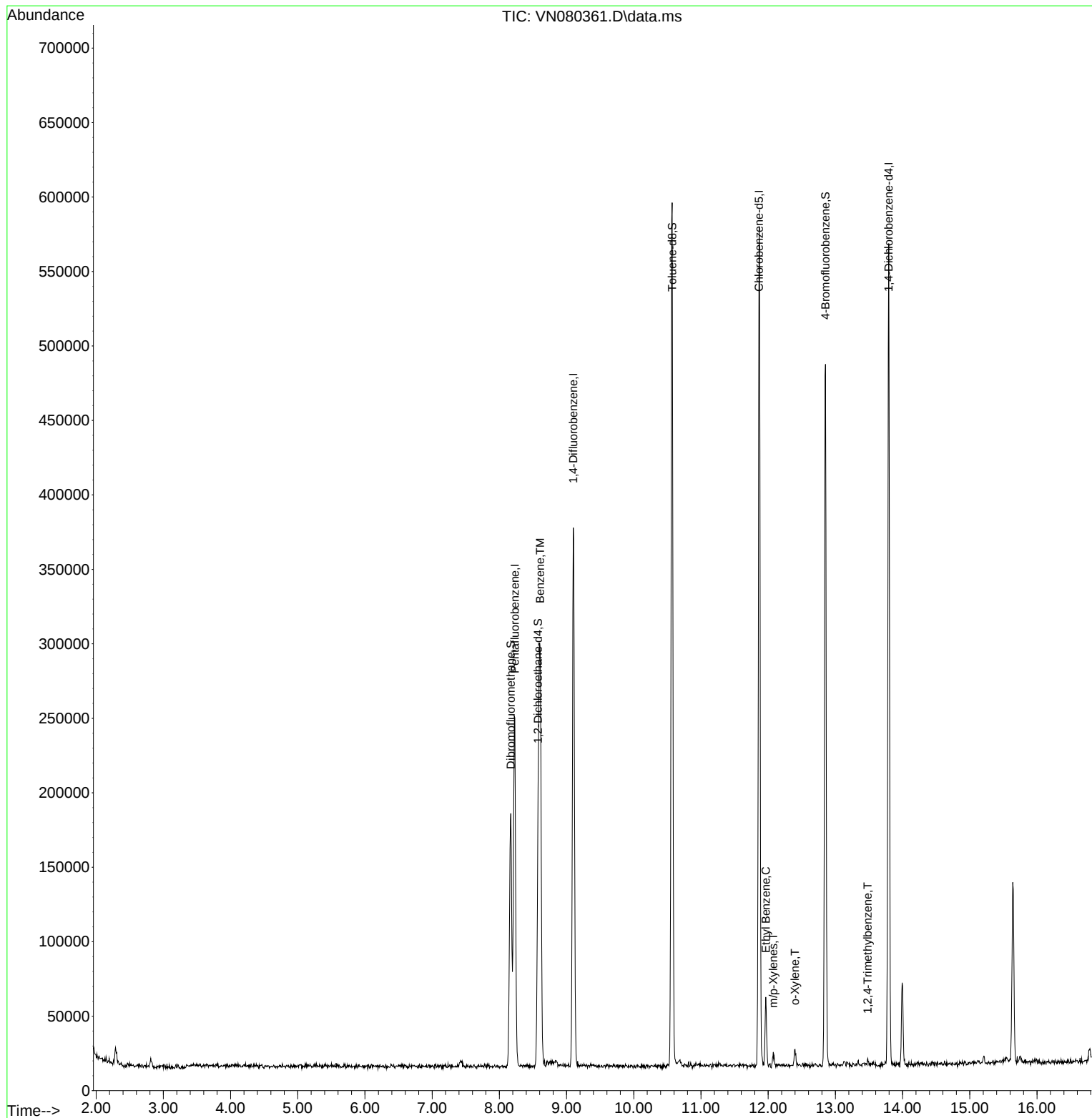
Internal Standards						
1) Pentafluorobenzene	8.230	168	166010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150665	54.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.940%	
35) Dibromofluoromethane	8.171	113	120033	52.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.400%	
50) Toluene-d8	10.571	98	404933	49.315	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.853	95	162107	52.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.540%	
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	261409	27.890	ug/l	99
67) Ethyl Benzene	11.965	91	29883	2.268	ug/l	94
68) m/p-Xylenes	12.076	106	2724	0.567	ug/l	99
69) o-Xylene	12.400	106	3130	0.691	ug/l	89
84) 1,2,4-Trimethylbenzene	13.482	105	2406	0.252	ug/l	86

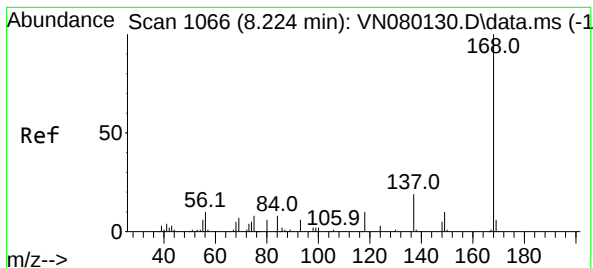
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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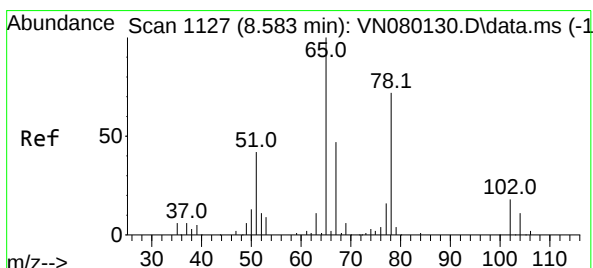
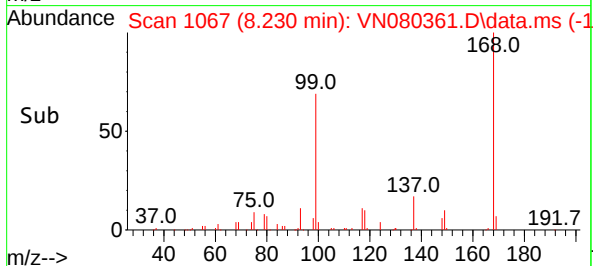
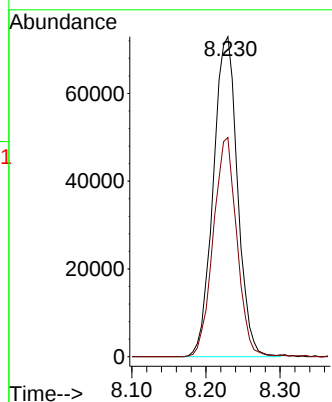
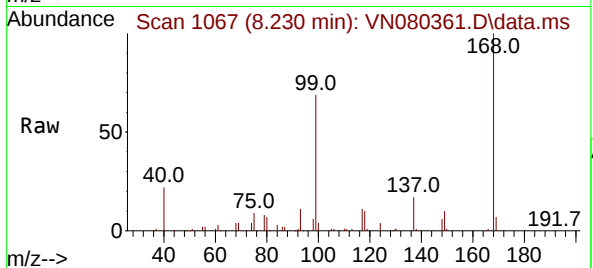




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

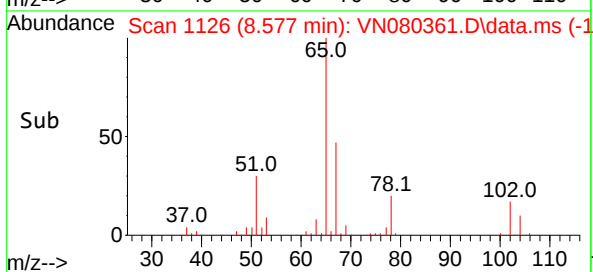
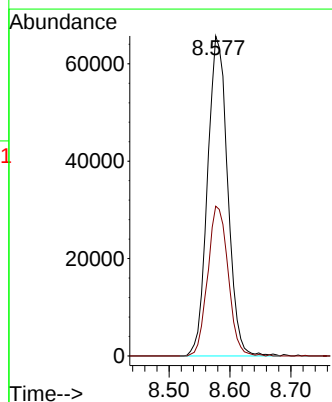
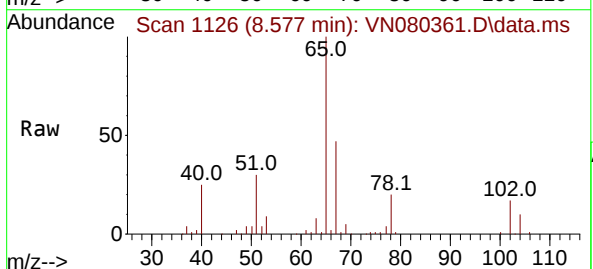
Instrument :
MSVOA_N
ClientSampleId :
MW-04IDL

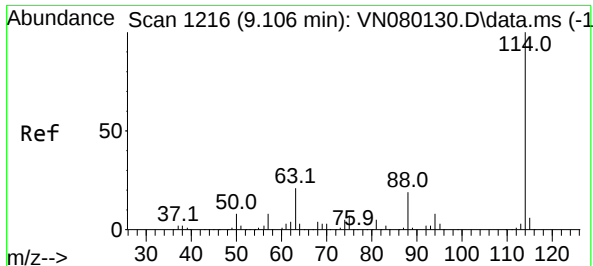
Tgt Ion:168 Resp: 166010
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.965 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

Tgt Ion: 65 Resp: 150665
Ion Ratio Lower Upper
65 100
67 47.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080361.D

Acq: 05 Dec 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

MW-04IDL

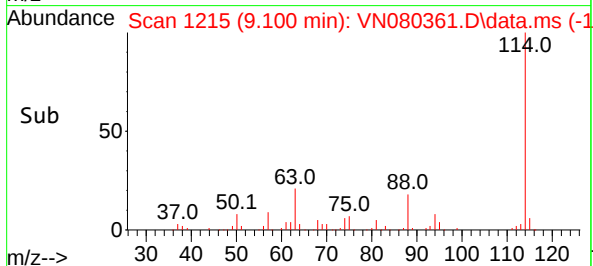
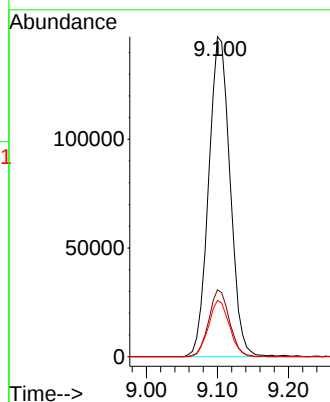
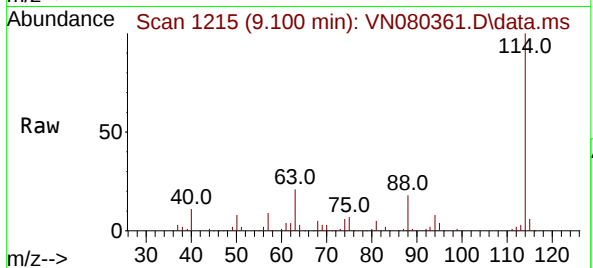
Tgt Ion:114 Resp: 308707

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.696 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080361.D

Acq: 05 Dec 2023 13:12

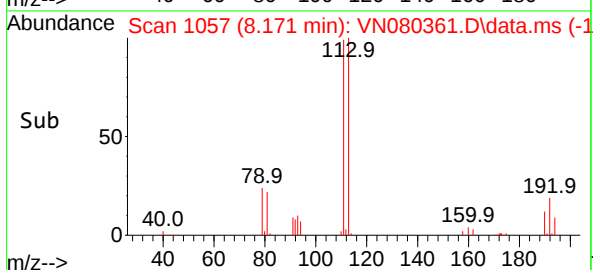
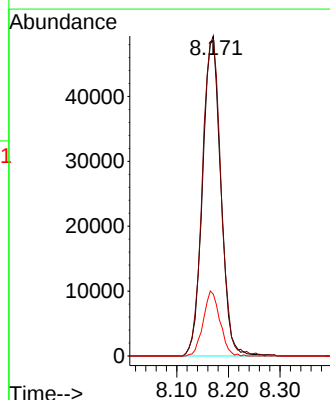
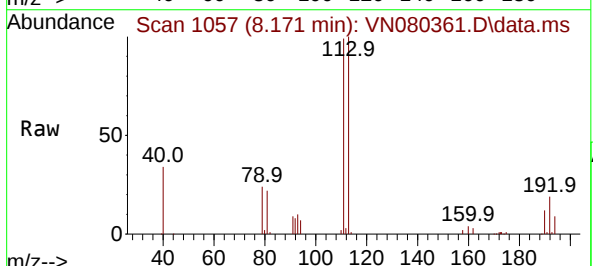
Tgt Ion:113 Resp: 120033

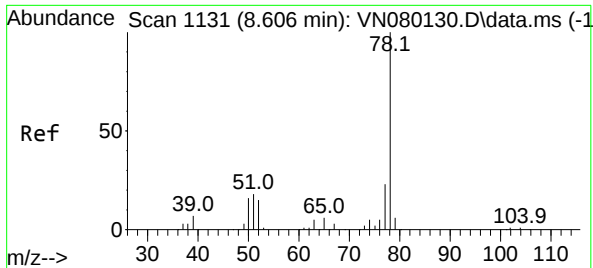
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 18.7 12.7 19.1

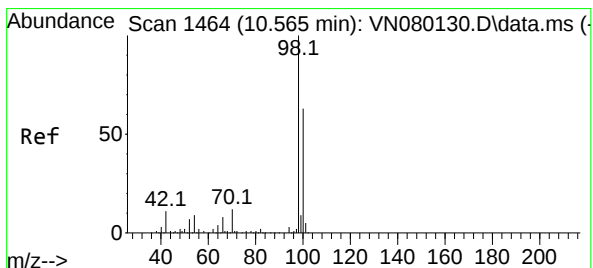
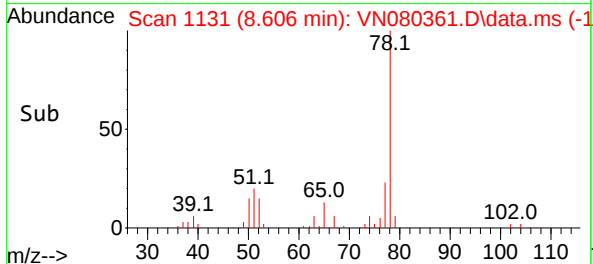
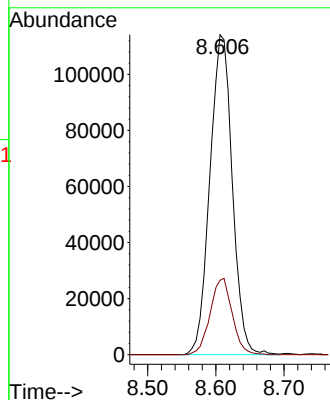
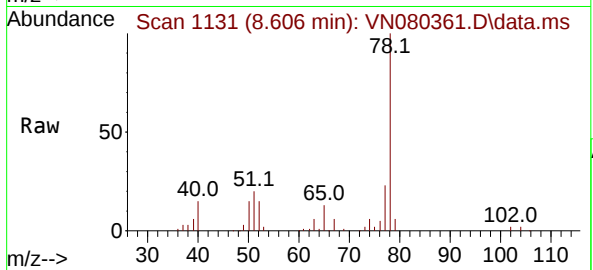




#40
Benzene
Concen: 27.890 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

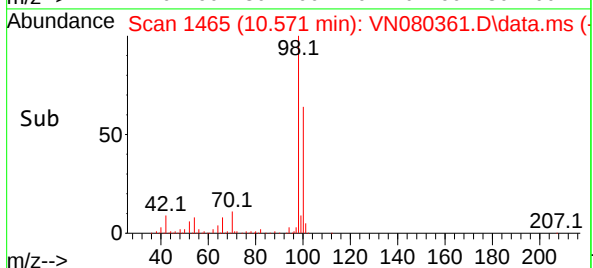
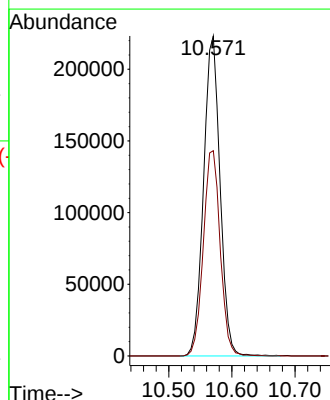
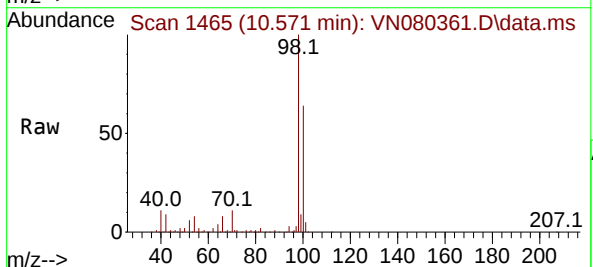
Instrument :
MSVOA_N
ClientSampleId :
MW-04IDL

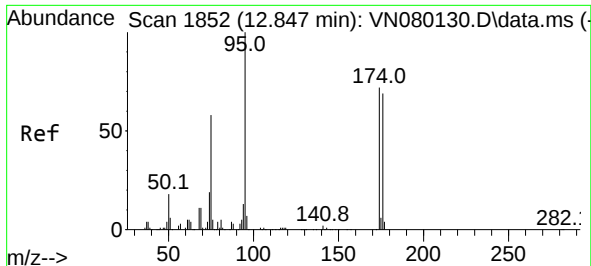
Tgt Ion: 78 Resp: 261409
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



#50
Toluene-d8
Concen: 49.315 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

Tgt Ion: 98 Resp: 404933
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

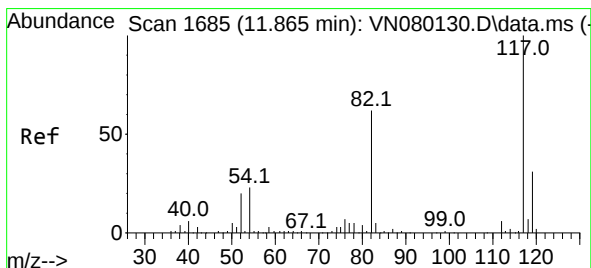
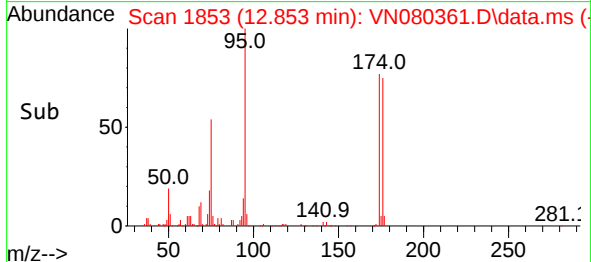
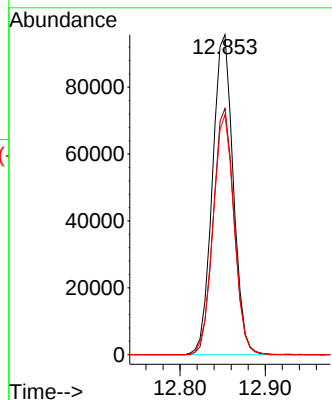
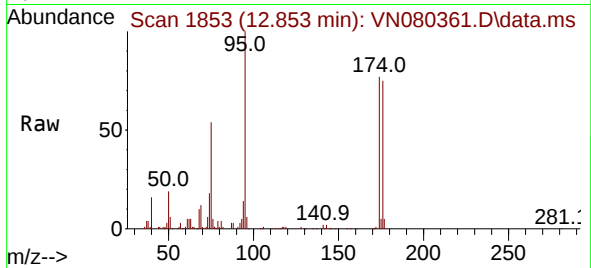




#62
4-Bromofluorobenzene
Concen: 52.267 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

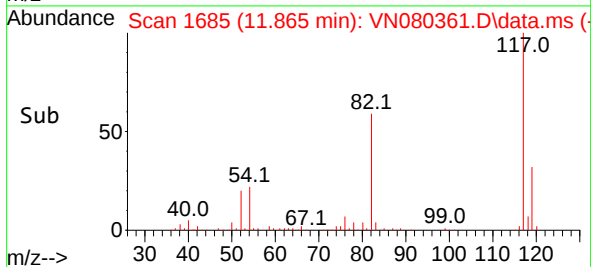
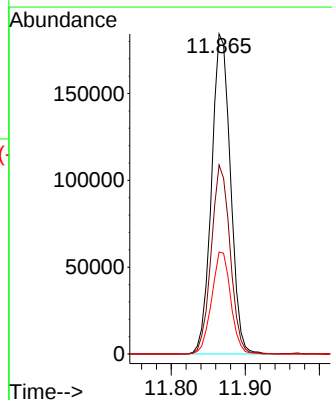
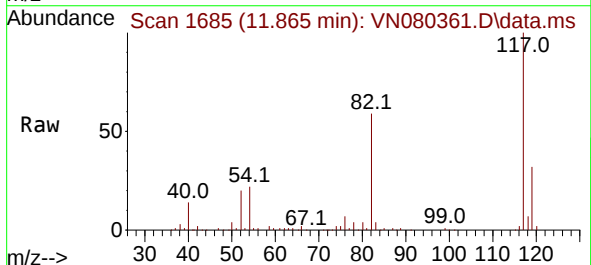
Instrument :
MSVOA_N
ClientSampleId :
MW-04IDL

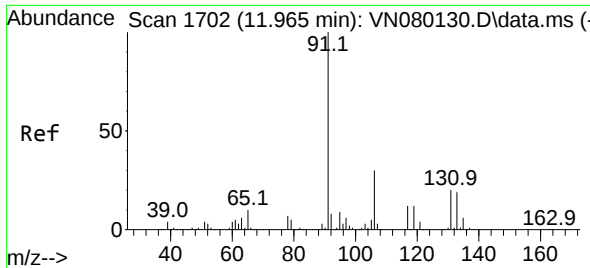
Tgt Ion: 95 Resp: 162107
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 75.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

Tgt Ion: 117 Resp: 326797
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 31.8 25.6 38.4

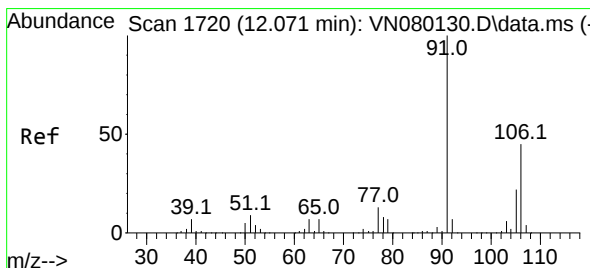
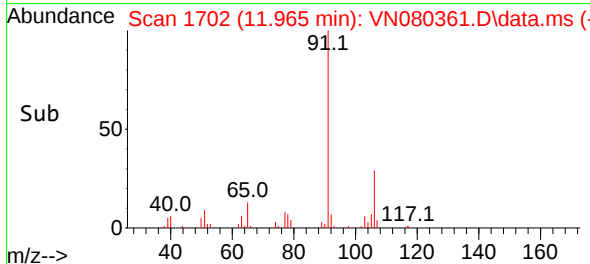
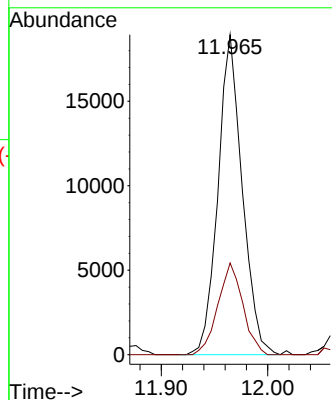
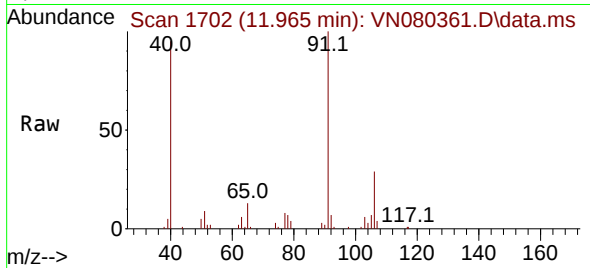




#67
Ethyl Benzene
Concen: 2.268 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

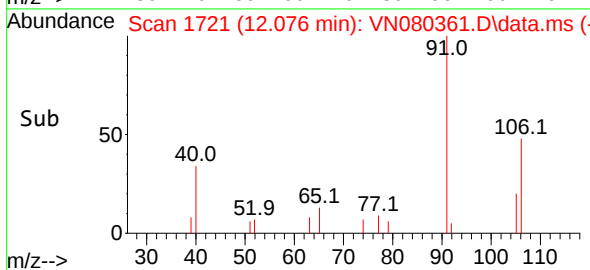
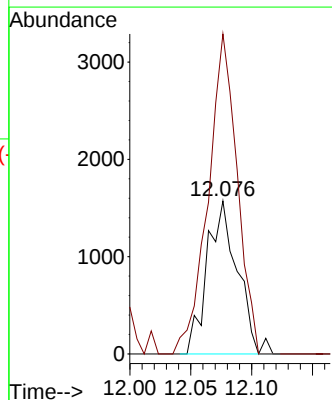
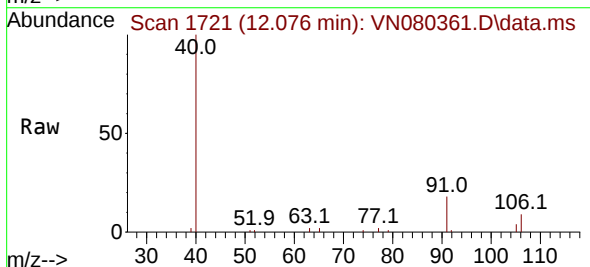
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MSVOA_N
ClientSampleId :
MW-04IDL

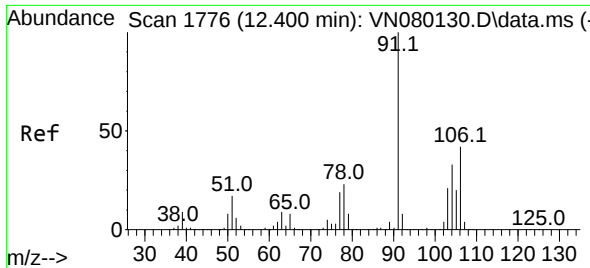
Tgt Ion: 91 Resp: 29883
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4



#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

Tgt Ion: 106 Resp: 2724
Ion Ratio Lower Upper
106 100
91 200.8 159.6 239.4

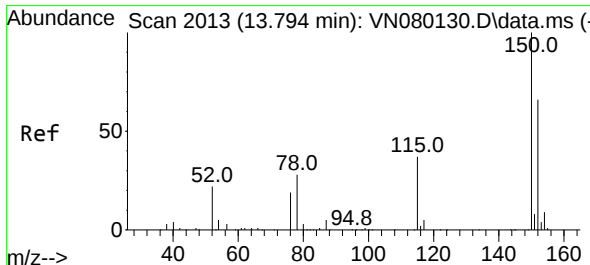
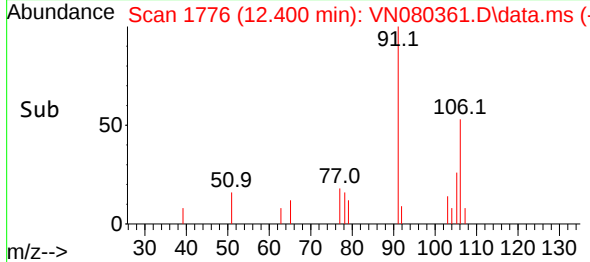
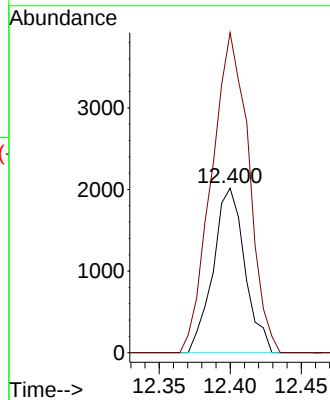
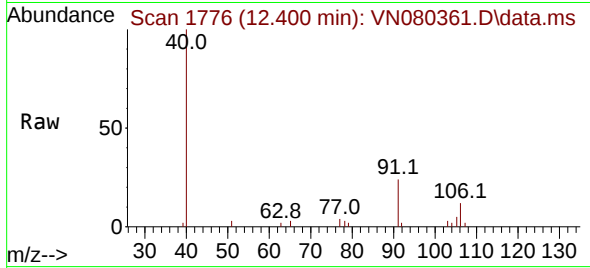




#69
o-Xylene
Concen: 0.691 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

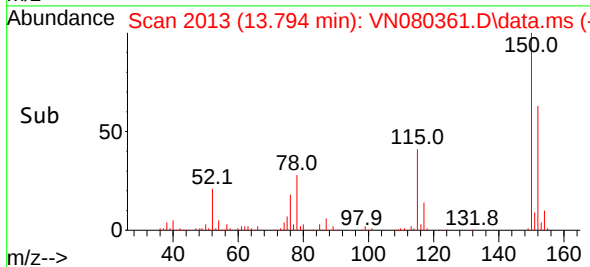
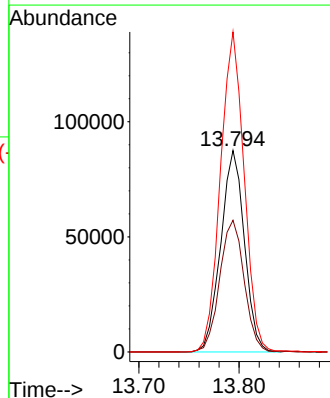
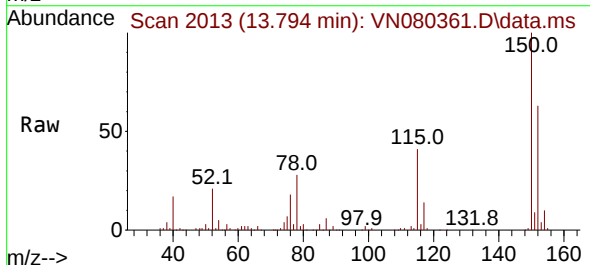
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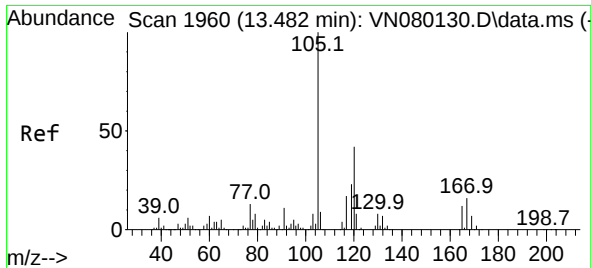
Tgt Ion:106 Resp: 3130
Ion Ratio Lower Upper
106 100
91 228.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080361.D
Acq: 05 Dec 2023 13:12

Tgt Ion:152 Resp: 143559
Ion Ratio Lower Upper
152 100
115 67.4 32.3 96.8
150 159.1 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.252 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN080361.D
 Acq: 05 Dec 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-04IDL

Tgt Ion:105 Resp: 2406
 Ion Ratio Lower Upper
 105 100
 120 52.7 22.0 66.0

