

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080362.D
 Acq On : 05 Dec 2023 13:36
 Operator : JC\MD
 Sample : 05622-04DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Quant Time: Dec 06 00:50:59 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)

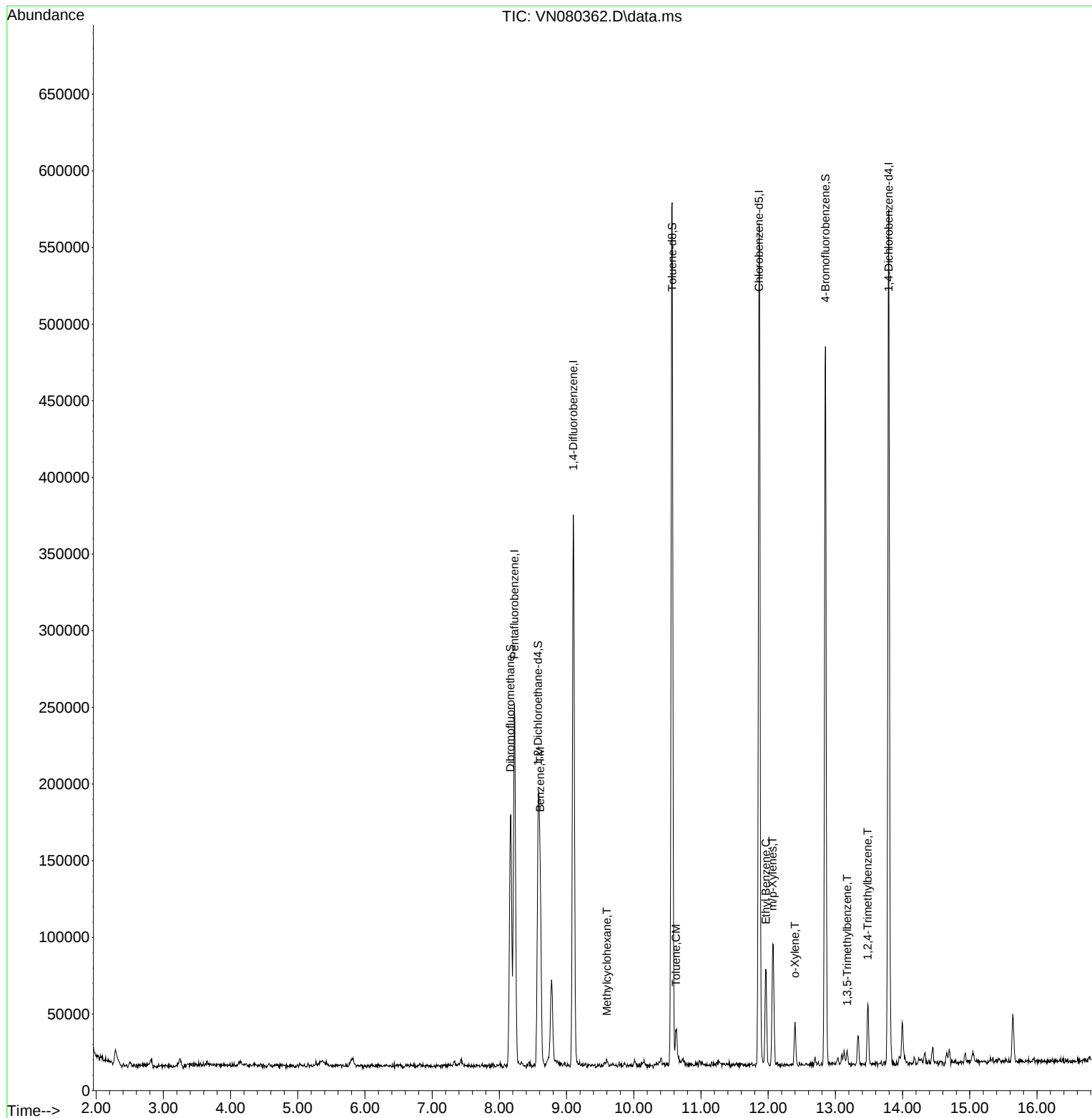
Internal Standards						
1) Pentafluorobenzene	8.224	168	161856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	317162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143137	53.559	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.120%		
35) Dibromofluoromethane	8.165	113	115042	52.061	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.120%		
50) Toluene-d8	10.571	98	395848	49.694	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.380%		
62) 4-Bromofluorobenzene	12.853	95	162167	53.898	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.800%		
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.600	83	1557	0.505	ug/l	# 85
40) Benzene	8.606	78	112524	12.375	ug/l	97
52) Toluene	10.629	92	10750	1.889	ug/l	97
67) Ethyl Benzene	11.965	91	45983	3.596	ug/l	96
68) m/p-Xylenes	12.065	106	26827	5.754	ug/l	91
69) o-Xylene	12.400	106	8235	1.874	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	5271	0.518	ug/l	82
84) 1,2,4-Trimethylbenzene	13.482	105	23818	2.376	ug/l	96

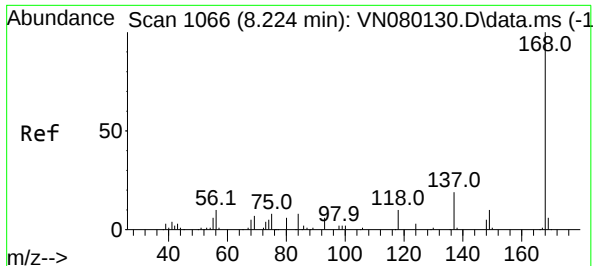
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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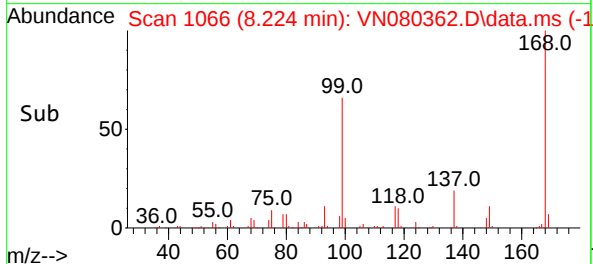
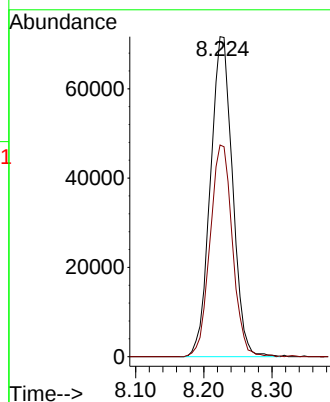
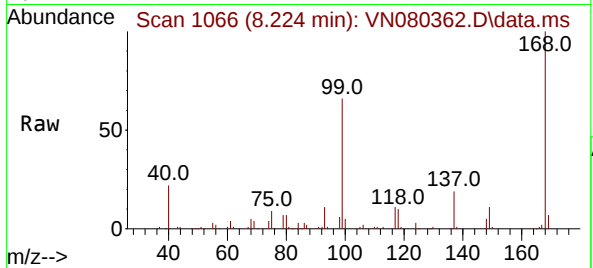




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

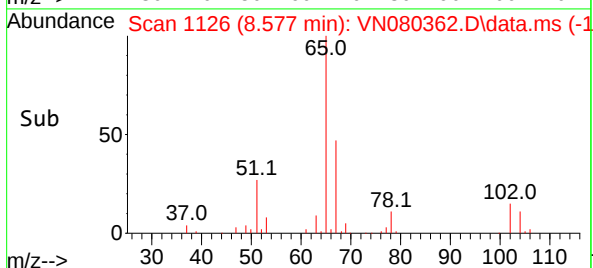
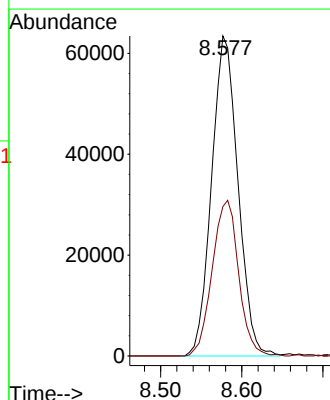
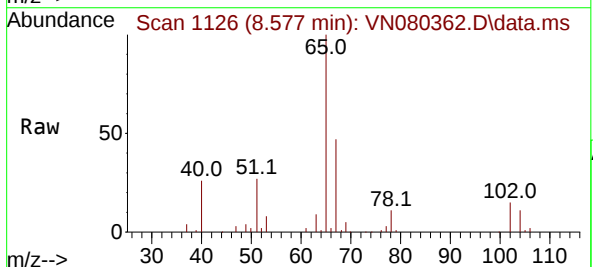
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

Tgt Ion:168 Resp: 161856
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.559 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

Tgt Ion: 65 Resp: 143137
Ion Ratio Lower Upper
65 100
67 48.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

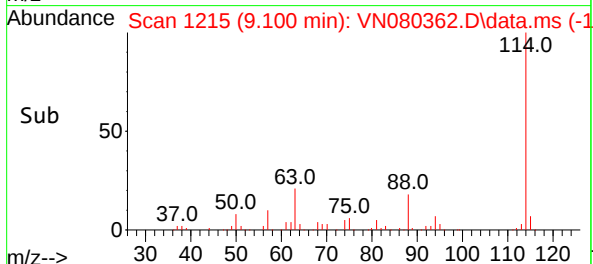
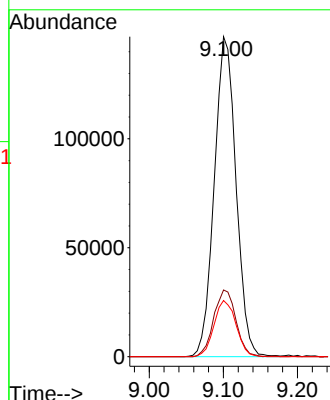
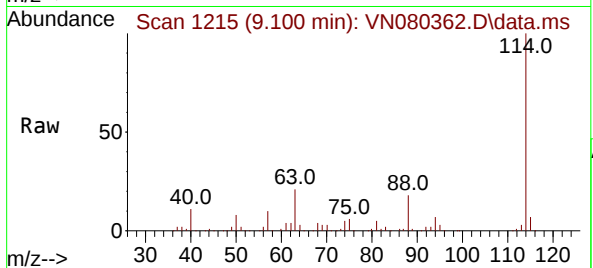
Tgt Ion:114 Resp: 299478

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.061 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

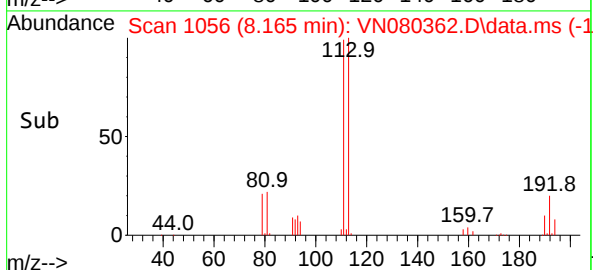
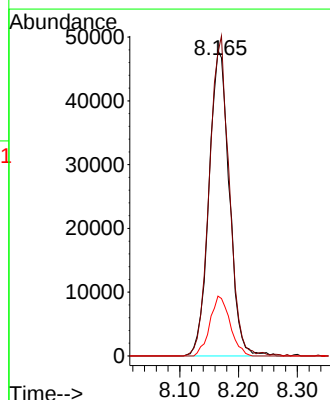
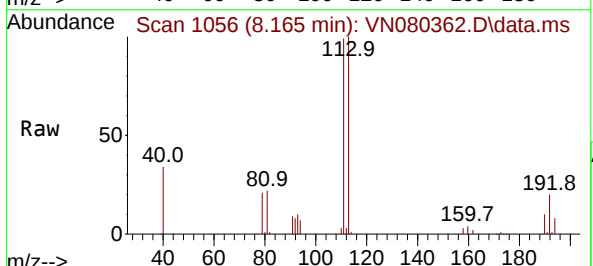
Tgt Ion:113 Resp: 115042

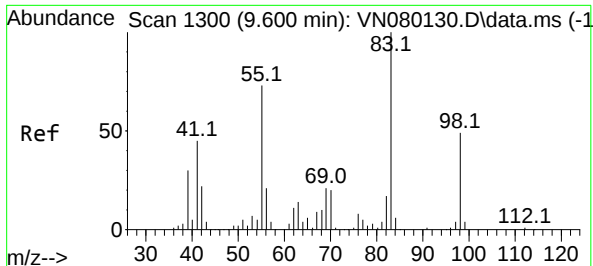
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 19.4 12.7 19.1#





#39

Methylcyclohexane

Concen: 0.505 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

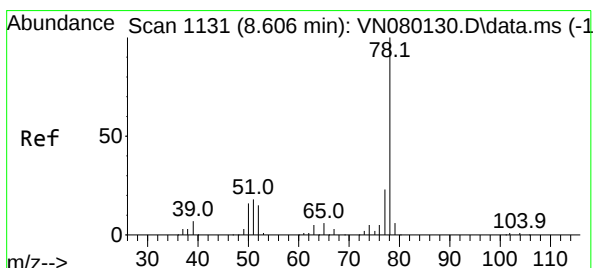
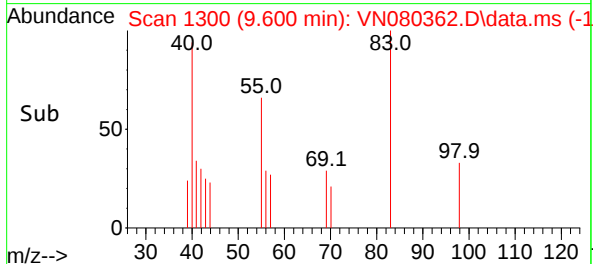
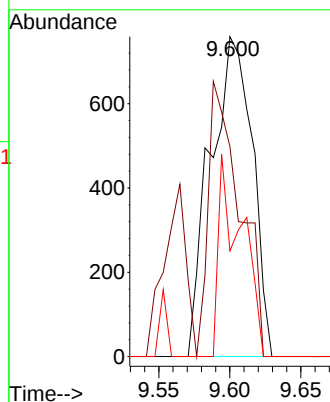
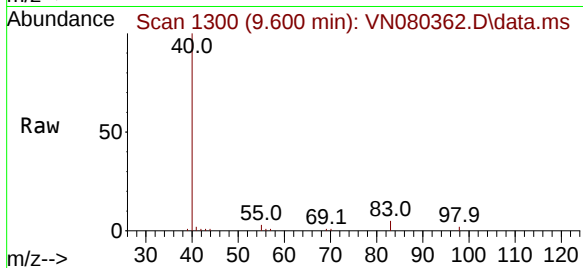
Tgt Ion: 83 Resp: 1557

Ion Ratio Lower Upper

83 100

55 65.6 49.1 73.7

98 33.1 40.6 61.0#



#40

Benzene

Concen: 12.375 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080362.D

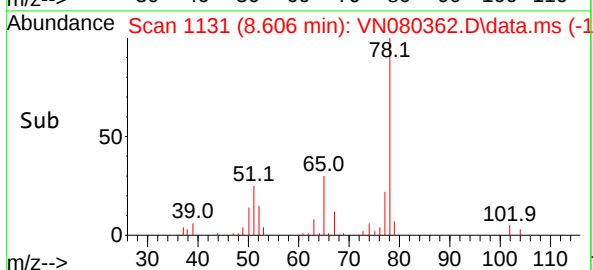
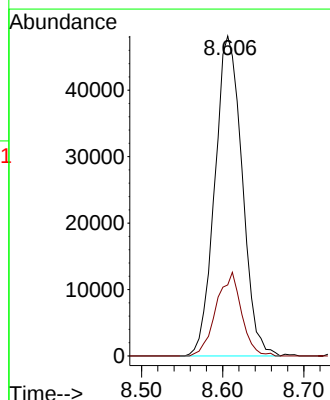
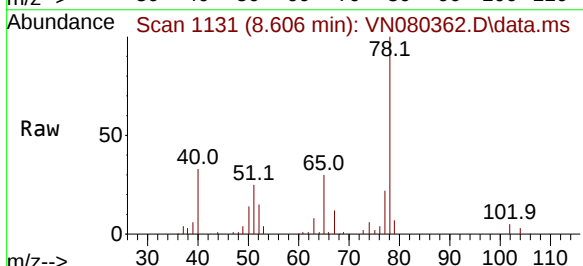
Acq: 05 Dec 2023 13:36

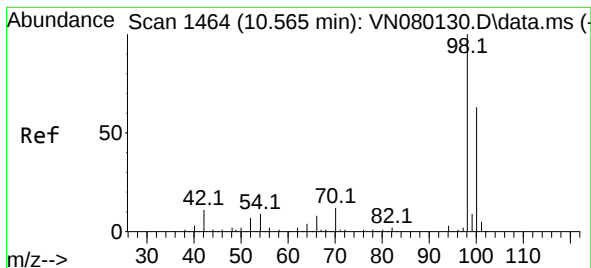
Tgt Ion: 78 Resp: 112524

Ion Ratio Lower Upper

78 100

77 22.2 19.0 28.6





#50

Toluene-d8

Concen: 49.694 ug/l

RT: 10.571 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

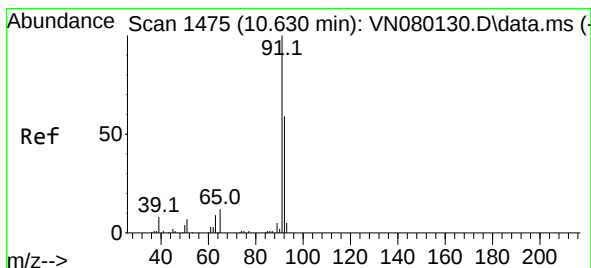
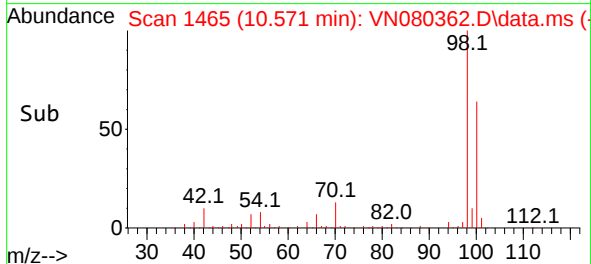
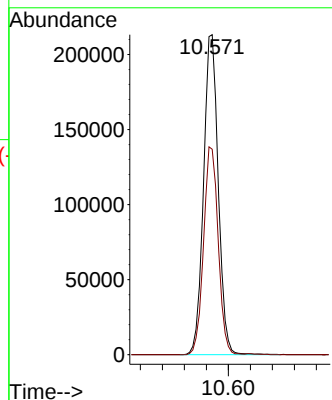
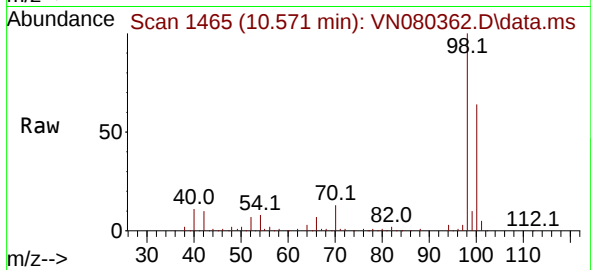
MW-6DL

Tgt Ion: 98 Resp: 395848

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#52

Toluene

Concen: 1.889 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080362.D

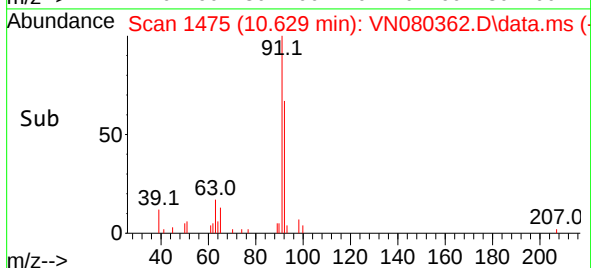
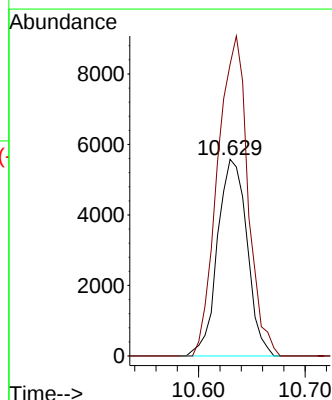
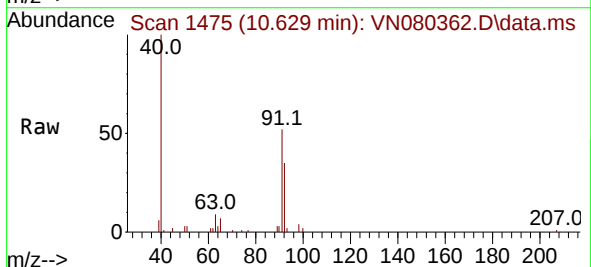
Acq: 05 Dec 2023 13:36

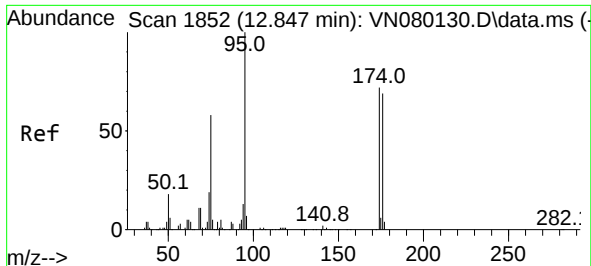
Tgt Ion: 92 Resp: 10750

Ion Ratio Lower Upper

92 100

91 166.9 137.4 206.0

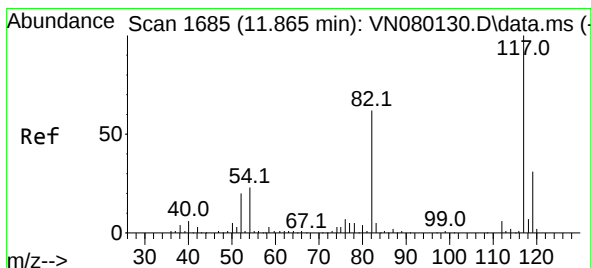
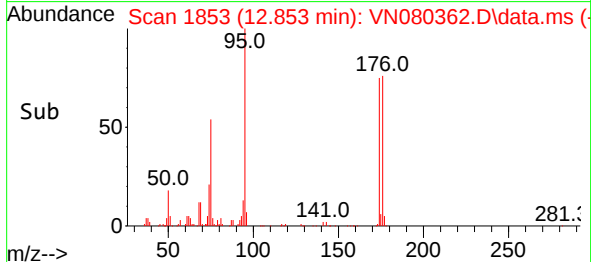
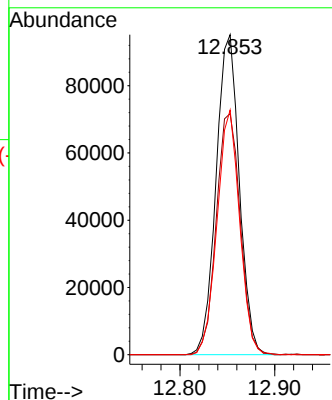
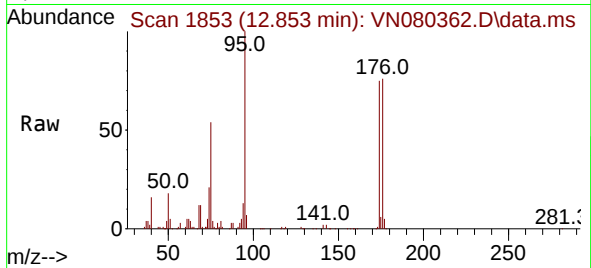




#62
4-Bromofluorobenzene
Concen: 53.898 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

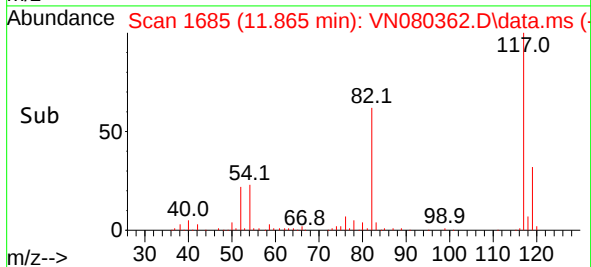
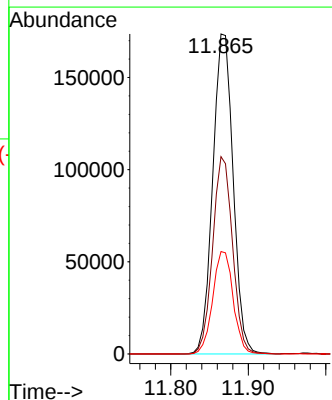
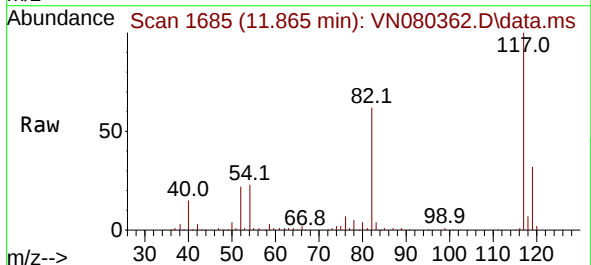
Instrument :
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MW-6DL

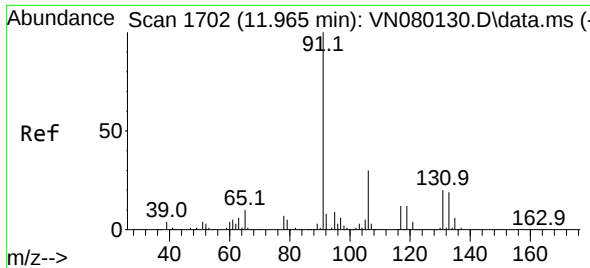
Tgt Ion: 95 Resp: 162167
Ion Ratio Lower Upper
95 100
174 77.9 0.0 143.8
176 74.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

Tgt Ion: 117 Resp: 317162
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 32.0 25.6 38.4

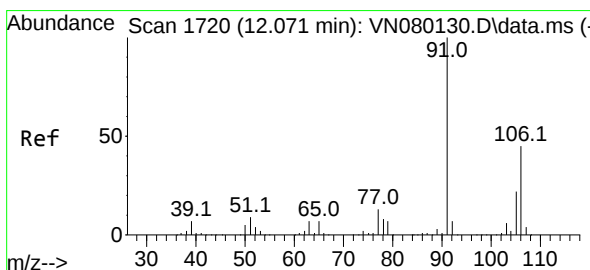
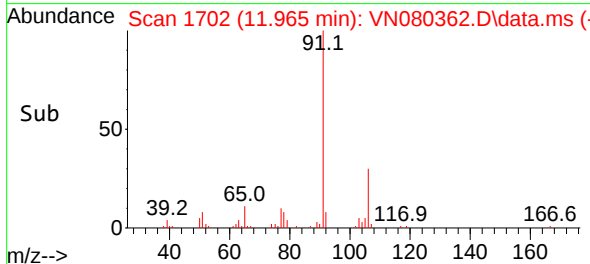
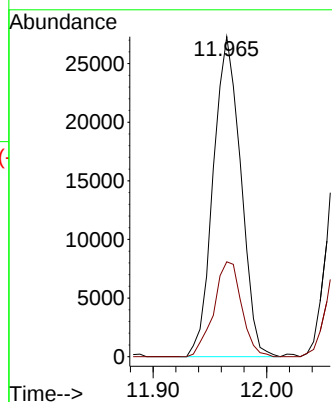
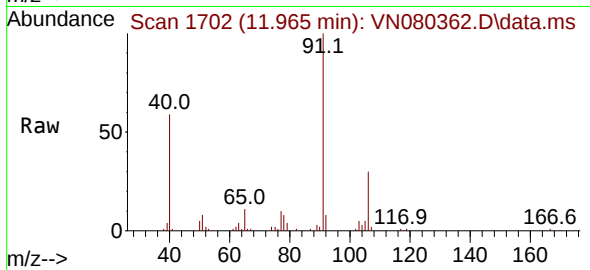




#67
Ethyl Benzene
Concen: 3.596 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

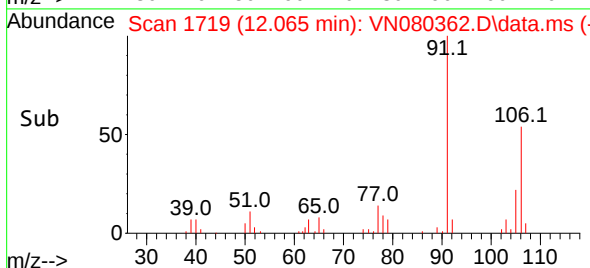
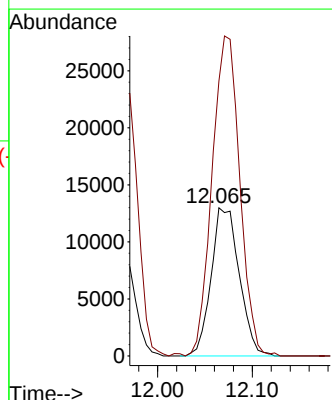
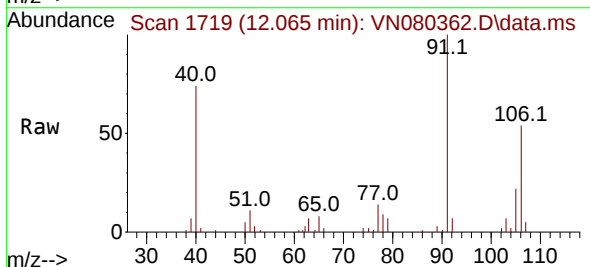
Instrument :
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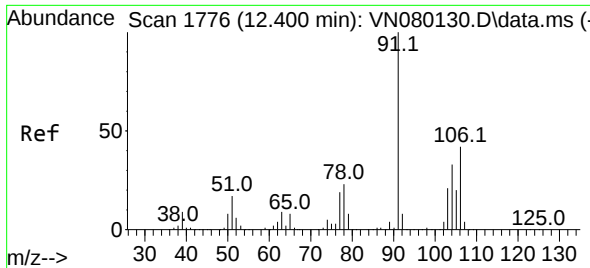
Tgt Ion: 91 Resp: 45983
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 5.754 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

Tgt Ion: 106 Resp: 26827
Ion Ratio Lower Upper
106 100
91 213.1 159.6 239.4

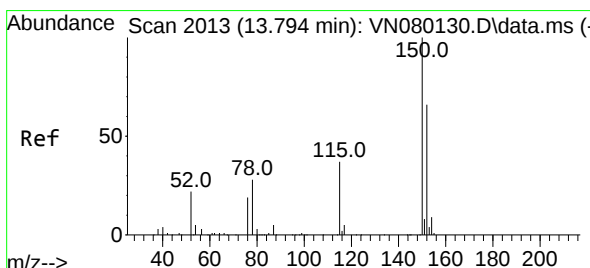
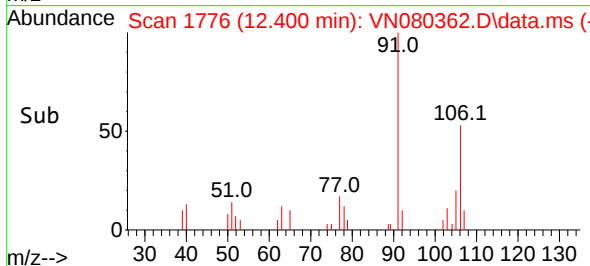
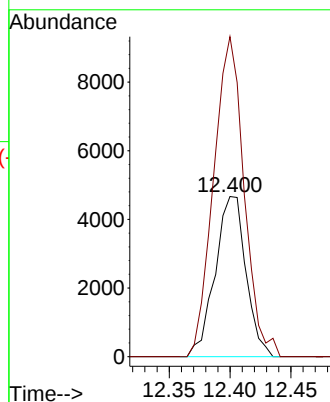
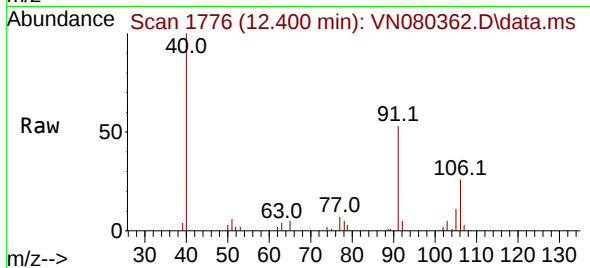




#69
o-Xylene
Concen: 1.874 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

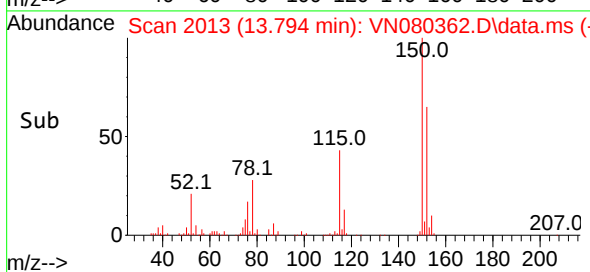
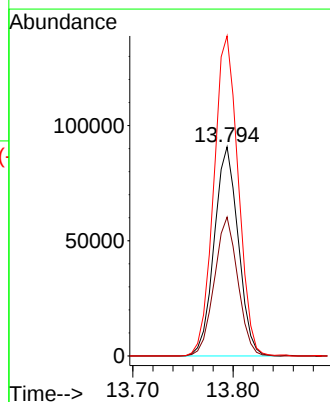
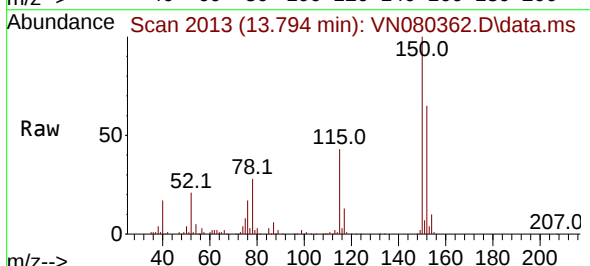
Instrument :
MSVOA_N
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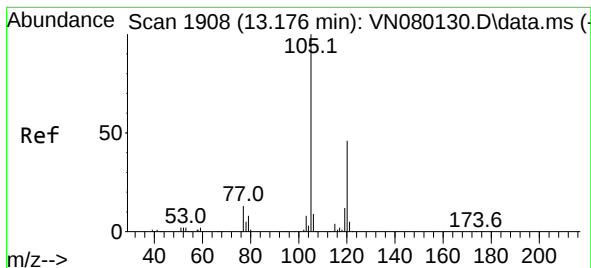
Tgt Ion:106 Resp: 8235
Ion Ratio Lower Upper
106 100
91 197.5 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080362.D
Acq: 05 Dec 2023 13:36

Tgt Ion:152 Resp: 150495
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 155.6 0.0 355.8





#80

1,3,5-Trimethylbenzene

Concen: 0.518 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

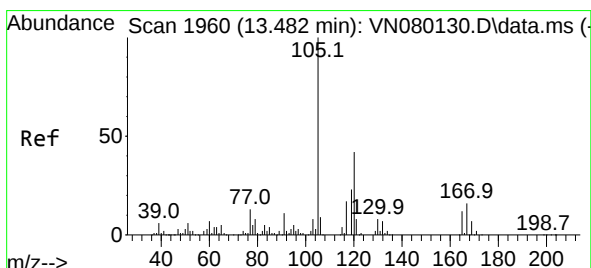
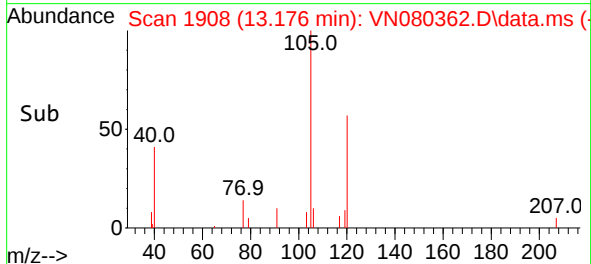
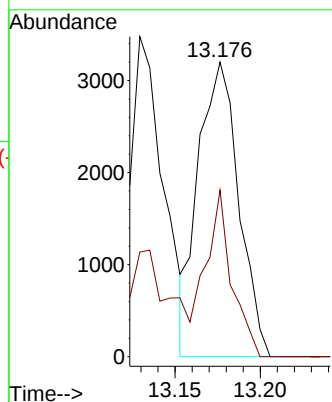
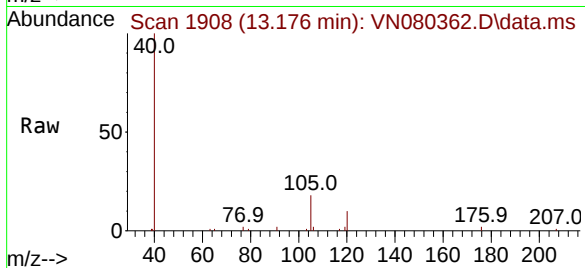
MW-6DL

Tgt Ion:105 Resp: 5271

Ion Ratio Lower Upper

105 100

120 36.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 2.376 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080362.D

Acq: 05 Dec 2023 13:36

Tgt Ion:105 Resp: 23818

Ion Ratio Lower Upper

105 100

120 41.1 22.0 66.0

