

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080363.D
 Acq On : 05 Dec 2023 13:59
 Operator : JC\MD
 Sample : 05622-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Quant Time: Dec 06 00:51:25 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)

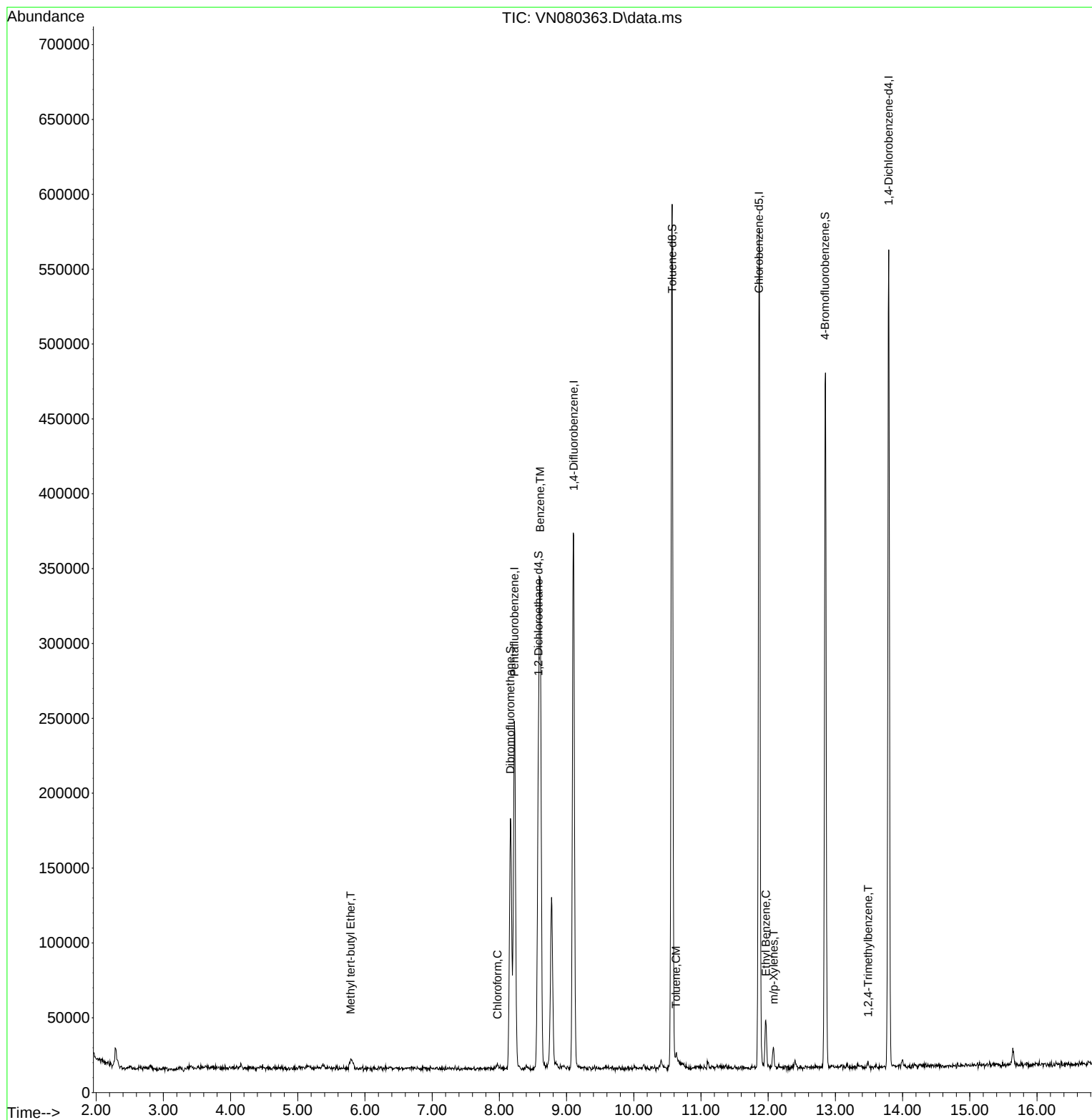
Internal Standards						
1) Pentafluorobenzene	8.224	168	161488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	308456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146048	54.773	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.540%		
35) Dibromofluoromethane	8.165	113	118368	52.007	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.020%		
50) Toluene-d8	10.571	98	404484	49.300	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.600%		
62) 4-Bromofluorobenzene	12.847	95	161365	52.070	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.140%		
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.789	73	10733	1.781	ug/l	100
30) Chloroform	7.971	83	3394	0.878	ug/l #	82
40) Benzene	8.606	78	310781	33.184	ug/l	97
52) Toluene	10.629	92	4244	0.724	ug/l	94
67) Ethyl Benzene	11.965	91	23095	1.794	ug/l	97
68) m/p-Xylenes	12.082	106	4155	0.885	ug/l	85
84) 1,2,4-Trimethylbenzene	13.488	105	2328	0.242	ug/l	99

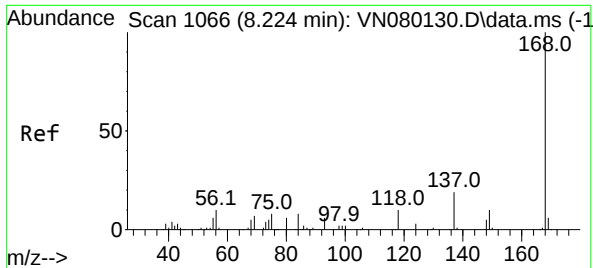
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
Data File : VN080363.D
Acq On : 05 Dec 2023 13:59
Operator : JC\MD
Sample : 05622-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1A

Quant Time: Dec 06 00:51:25 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

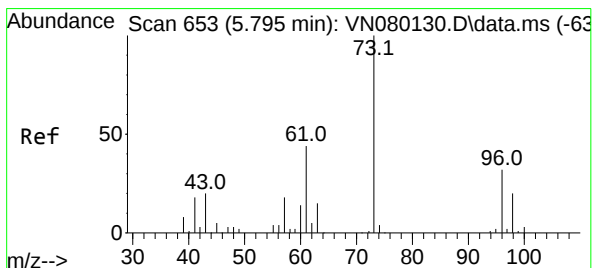
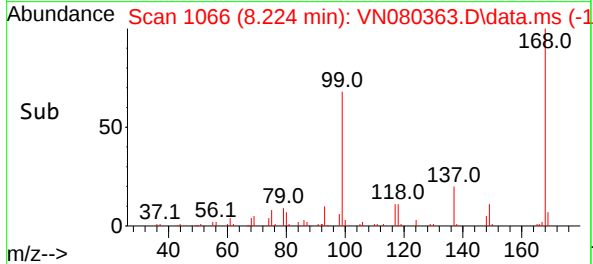
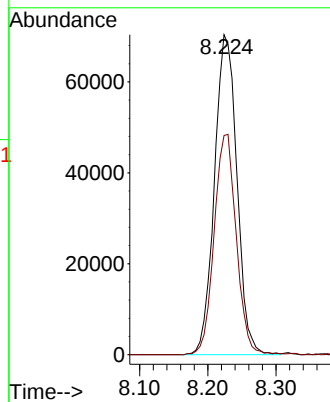
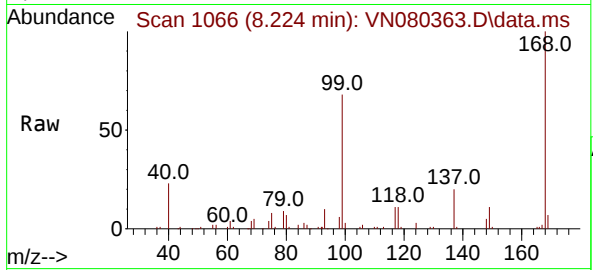




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

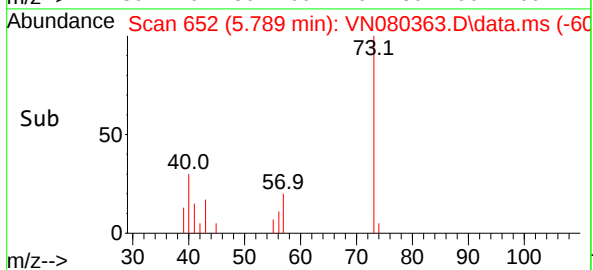
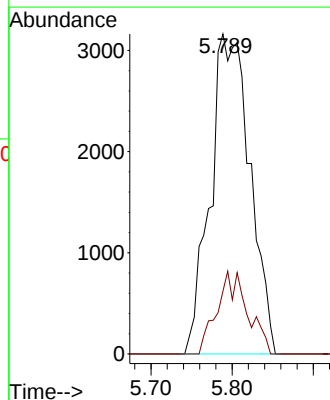
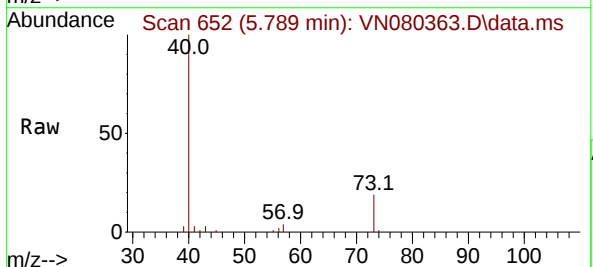
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

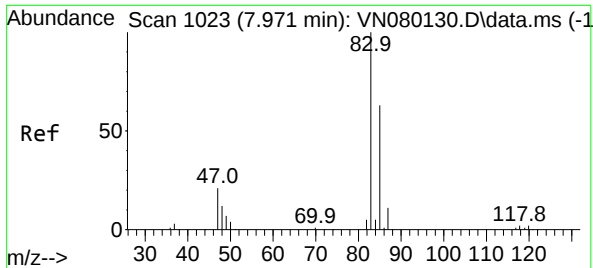
Tgt Ion:168 Resp: 161488
Ion Ratio Lower Upper
168 100
99 68.5 53.0 79.6



#19
Methyl tert-butyl Ether
Concen: 1.781 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion: 73 Resp: 10733
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

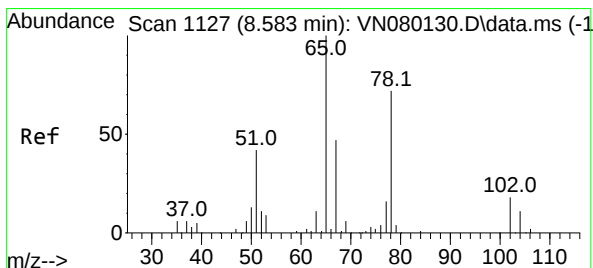
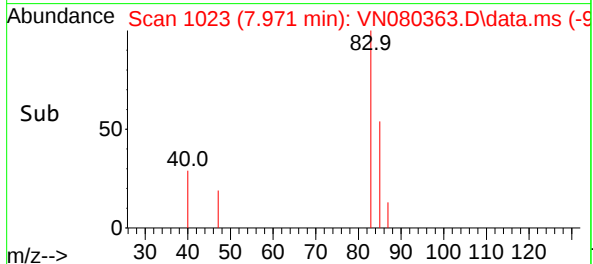
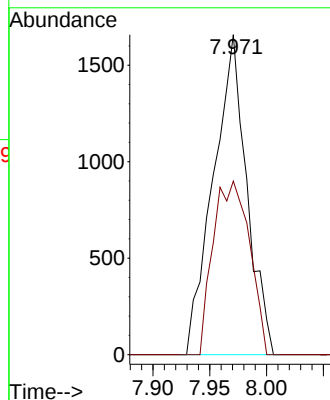
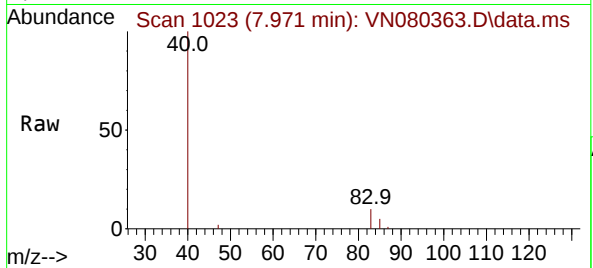




#30
Chloroform
Concen: 0.878 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

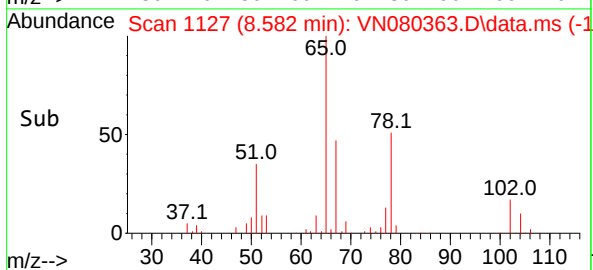
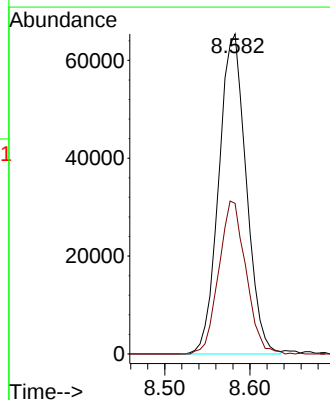
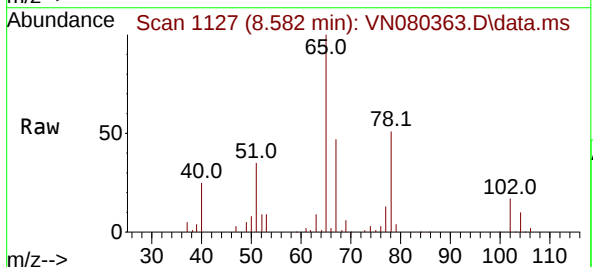
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

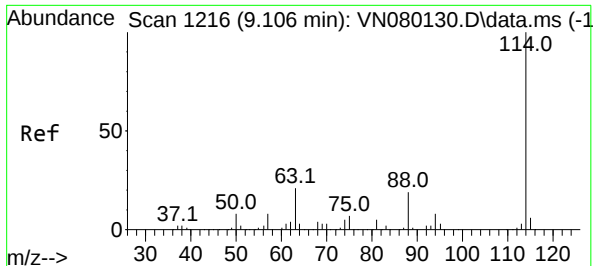
Tgt Ion: 83 Resp: 3394
Ion Ratio Lower Upper
83 100
85 54.2 55.4 83.0#



#33
1,2-Dichloroethane-d4
Concen: 54.773 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion: 65 Resp: 146048
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080363.D

Acq: 05 Dec 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

MW-1A

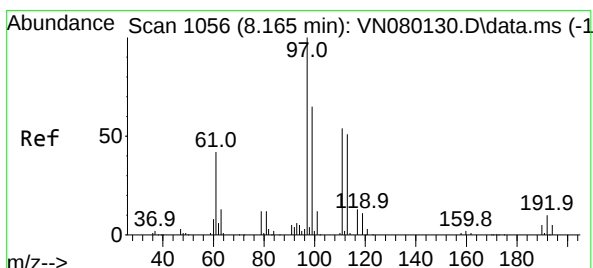
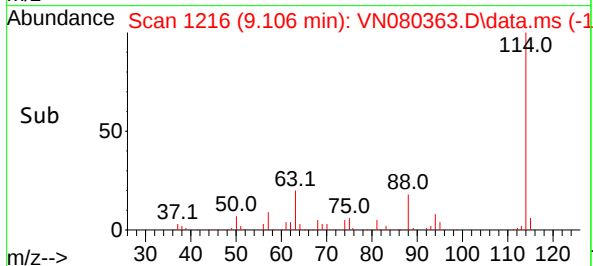
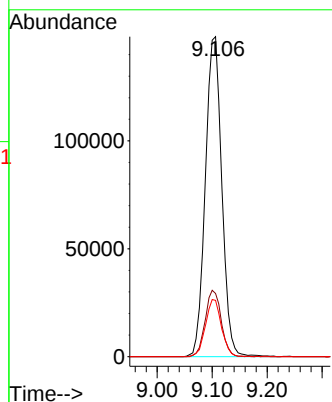
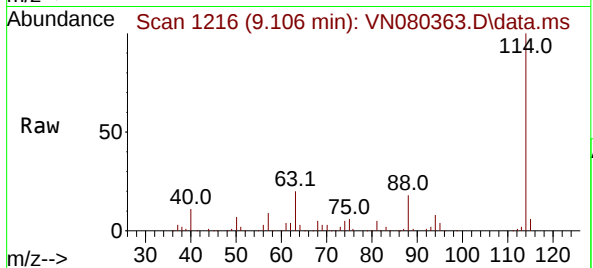
Tgt Ion:114 Resp: 308456

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.007 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080363.D

Acq: 05 Dec 2023 13:59

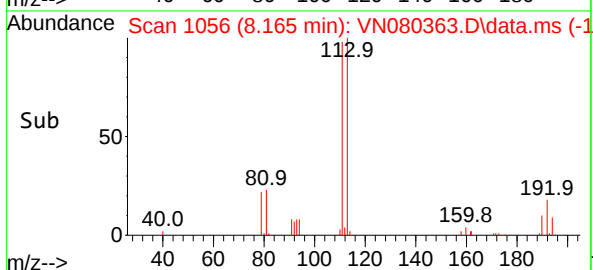
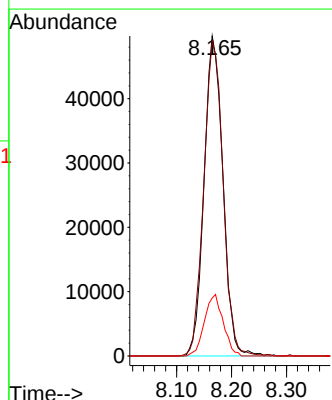
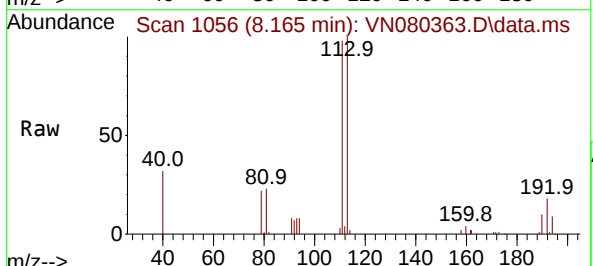
Tgt Ion:113 Resp: 118368

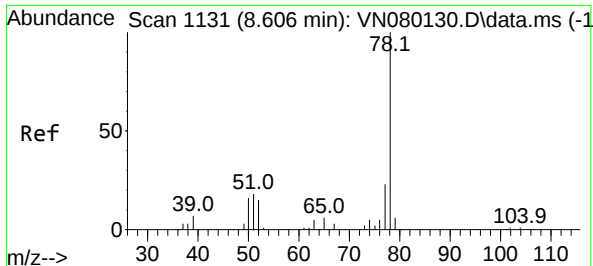
Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 19.1 12.7 19.1#

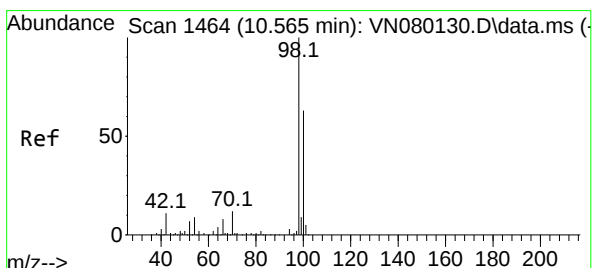
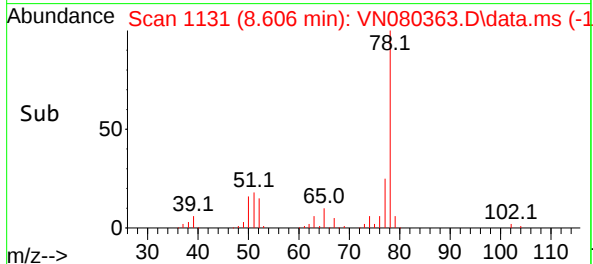
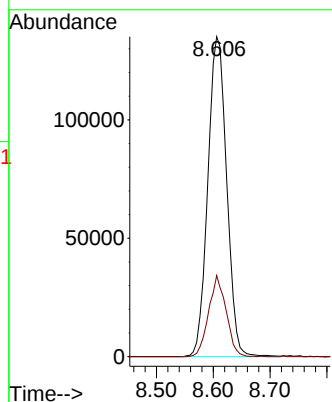
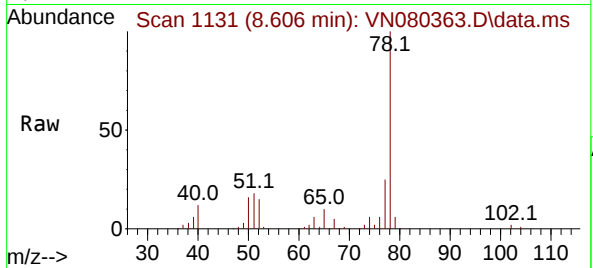




#40
Benzene
Concen: 33.184 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

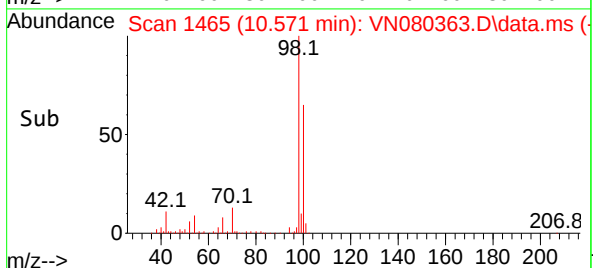
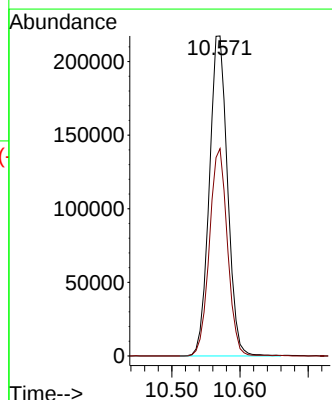
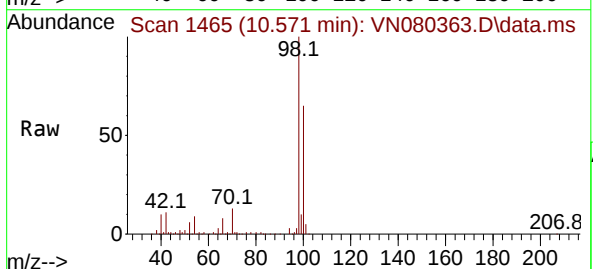
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

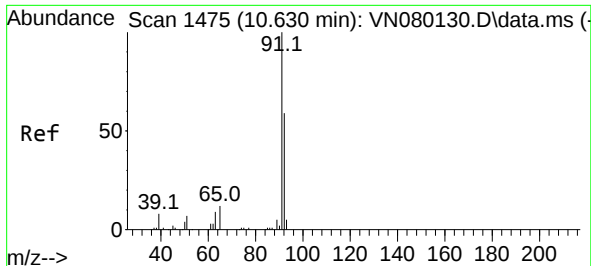
Tgt Ion: 78 Resp: 310781
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6



#50
Toluene-d8
Concen: 49.300 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion: 98 Resp: 404484
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

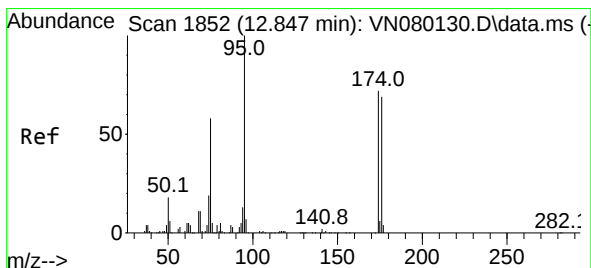
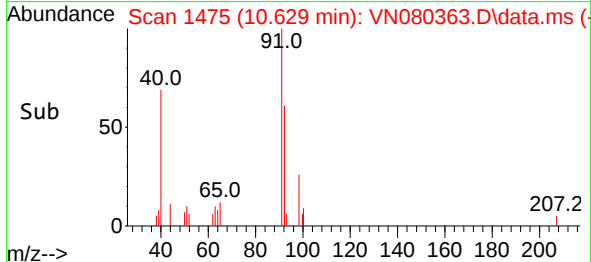
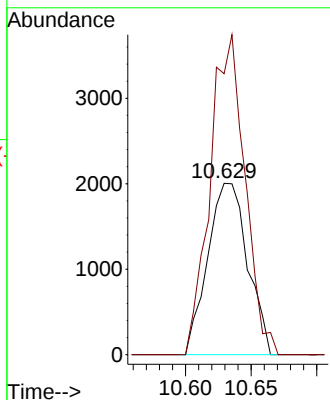
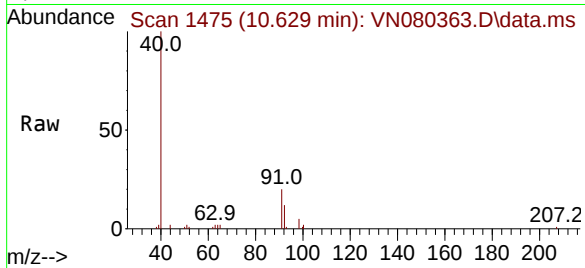




#52
Toluene
Concen: 0.724 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

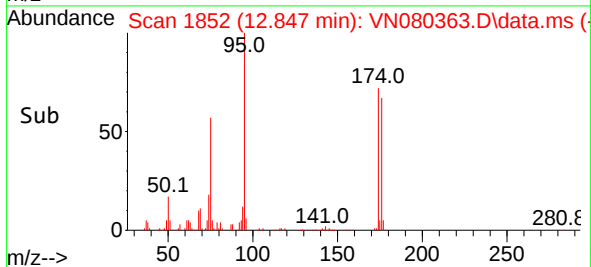
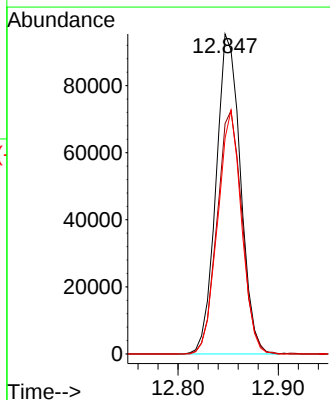
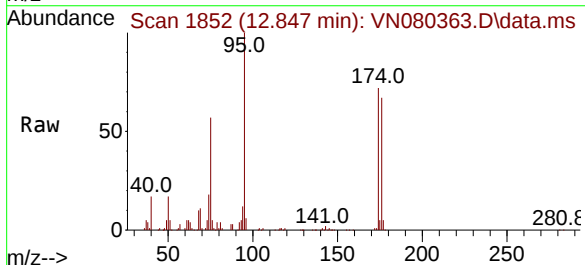
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

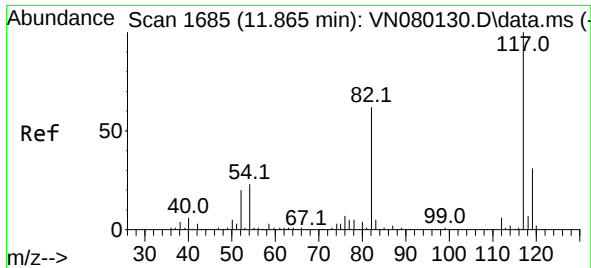
Tgt Ion: 92 Resp: 4244
Ion Ratio Lower Upper
92 100
91 163.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.070 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion: 95 Resp: 161365
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.4 0.0 135.8

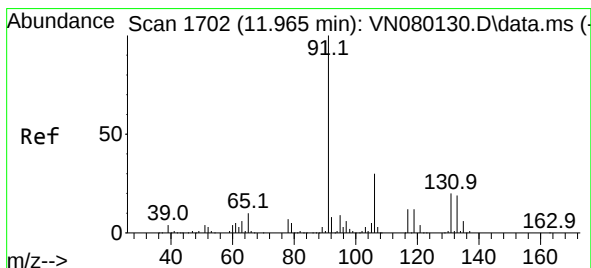
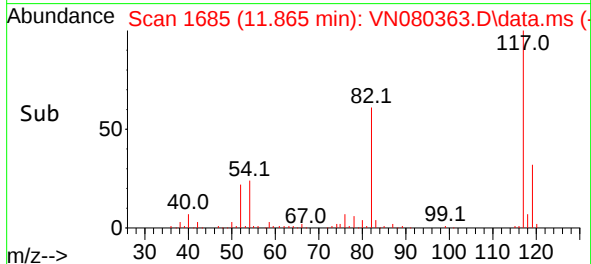
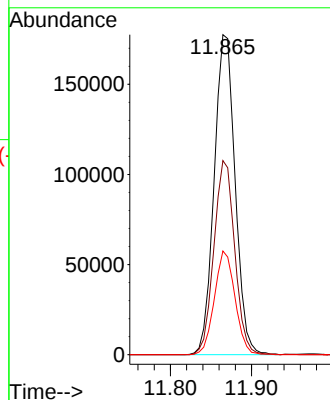
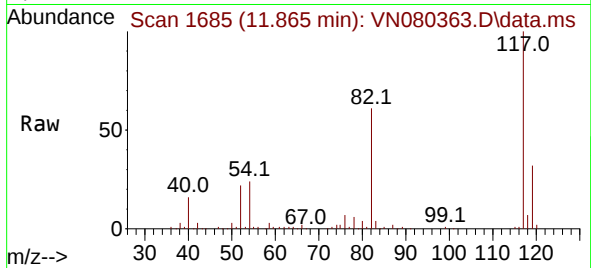




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

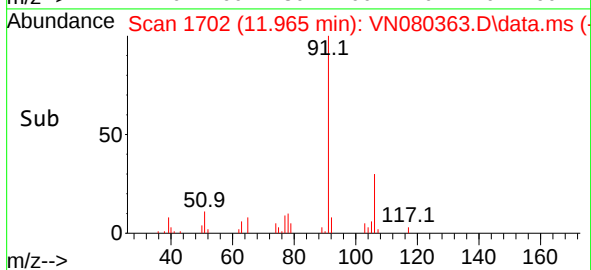
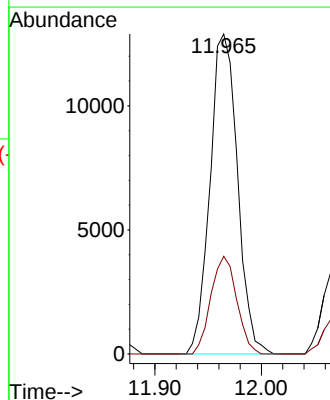
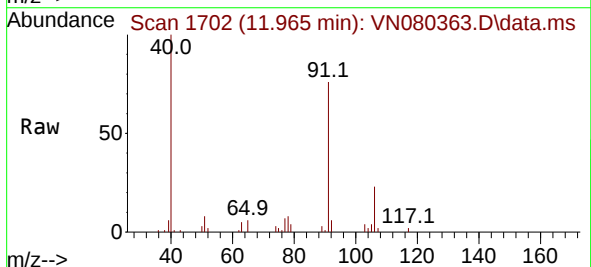
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

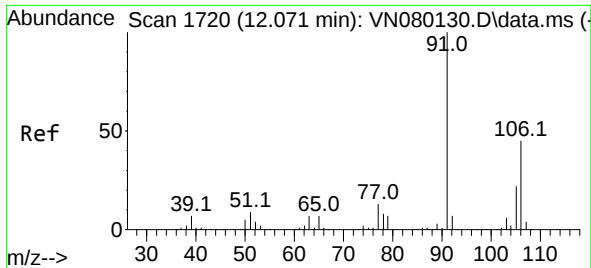
Tgt Ion:117 Resp: 319225
Ion Ratio Lower Upper
117 100
82 60.7 44.0 66.0
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 1.794 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion: 91 Resp: 23095
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

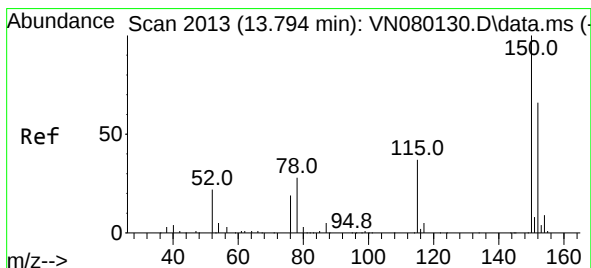
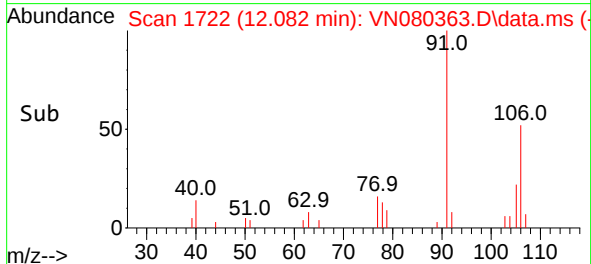
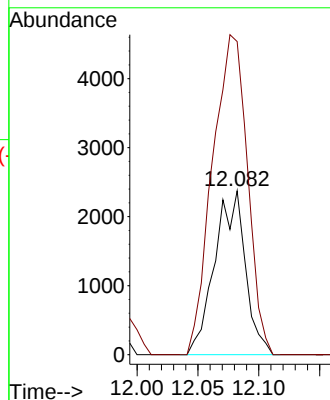
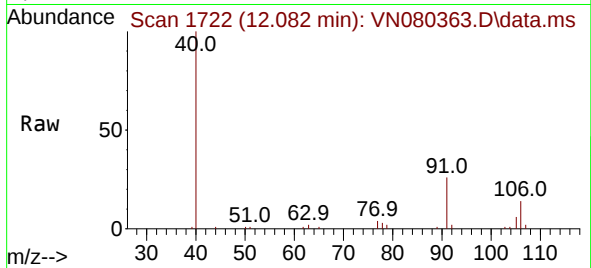




#68
m/p-Xylenes
Concen: 0.885 ug/l
RT: 12.082 min Scan# 1720
Delta R.T. 0.012 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

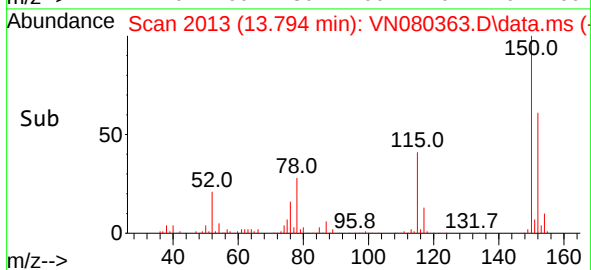
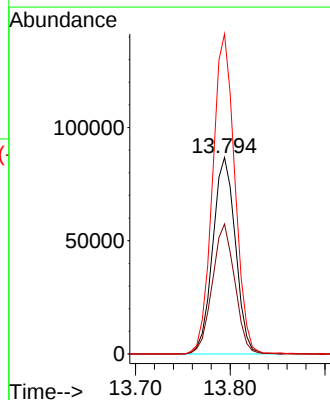
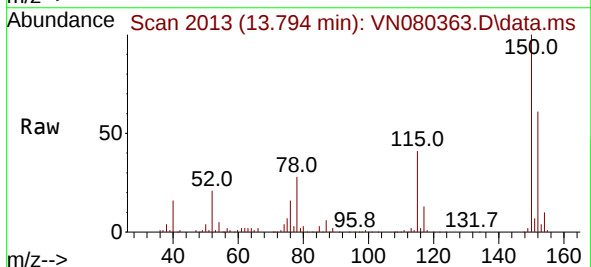
Instrument :
MSVOA_N
ClientSampleId :
MW-1A

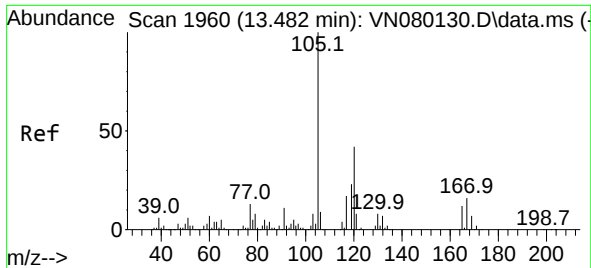
Tgt Ion:106 Resp: 4155
Ion Ratio Lower Upper
106 100
91 222.9 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080363.D
Acq: 05 Dec 2023 13:59

Tgt Ion:152 Resp: 144276
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 160.1 0.0 355.8





#84
 1,2,4-Trimethylbenzene
 Concen: 0.242 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN080363.D
 Acq: 05 Dec 2023 13:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1A

Tgt Ion:105 Resp: 2328
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

