

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080015.D
 Acq On : 09 Nov 2023 01:06
 Operator : JC\MD
 Sample : 05298-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:32:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

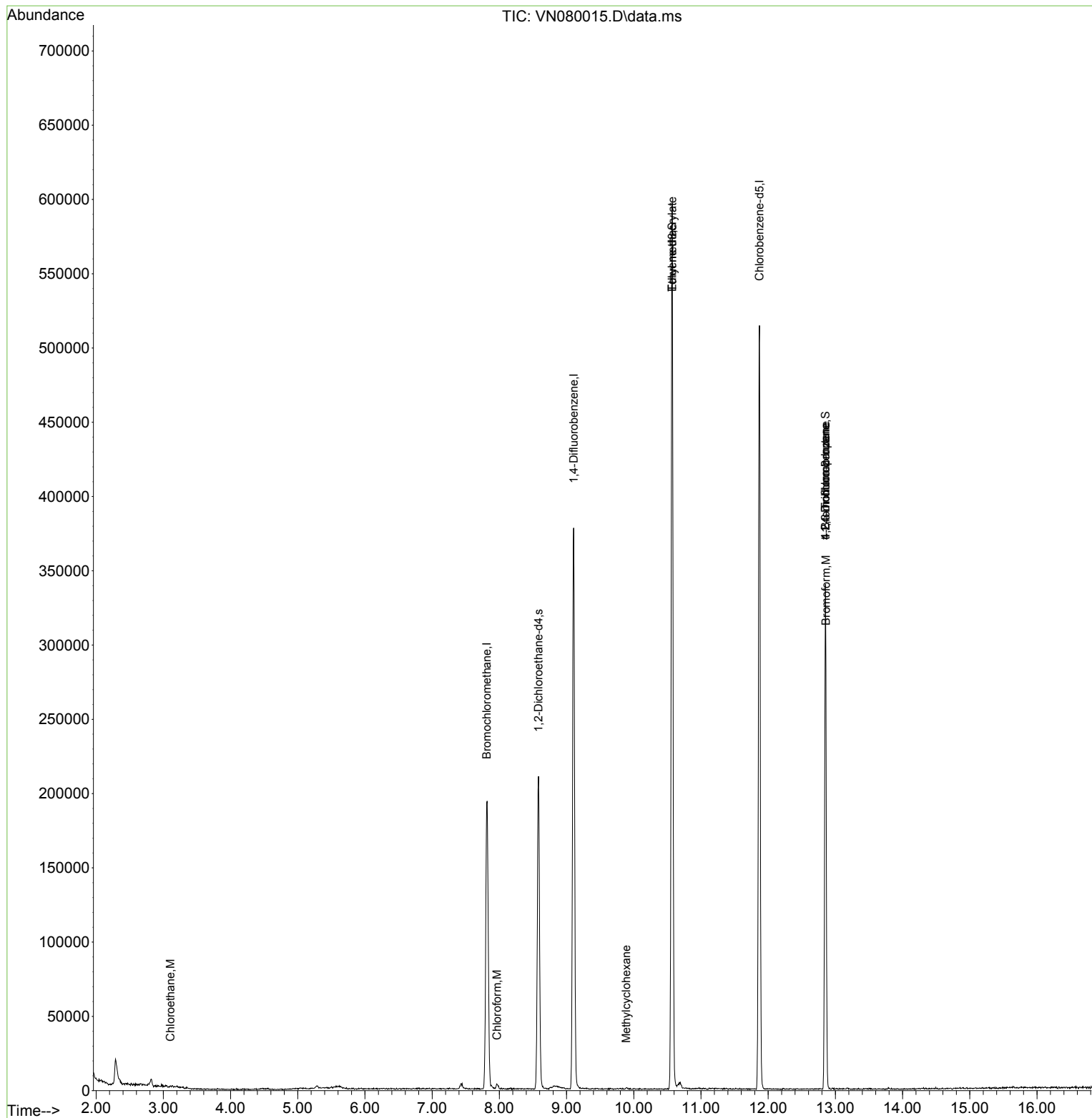
Internal Standards						
1) Bromochloromethane	7.812	128	68029	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	317476	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	300726	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	176077	30.834	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.767%	
60) 4-Bromofluorobenzene	12.853	95	113532	23.608	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 78.700%	
63) Toluene-d8	10.571	98	405116	28.431	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 94.767%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.106	64	625	0.230	ug/l #	46
25) Chloroform	7.965	83	3222	0.366	ug/l	89
38) Methylcyclohexane	9.888	83	1130	0.221	ug/l #	17
51) Ethyl methacrylate	10.571	69	1517	0.279	ug/l	84
56) Bromoform	12.859	173	1239	0.468	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	62818	12.201	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	62818	37.262	ug/l #	7

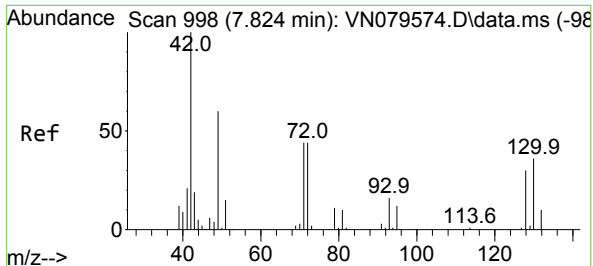
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
Data File : VN080015.D
Acq On : 09 Nov 2023 01:06
Operator : JC\MD
Sample : 05298-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

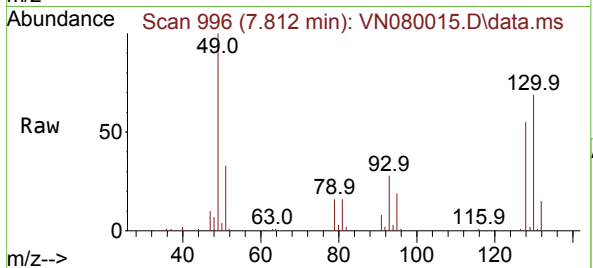
Quant Time: Nov 09 04:32:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration



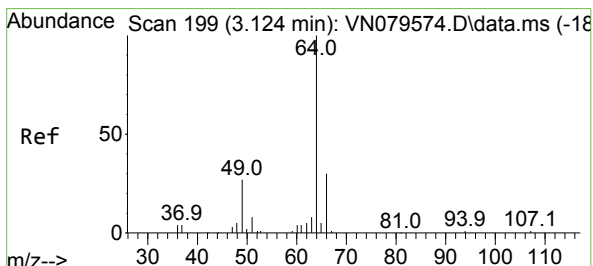
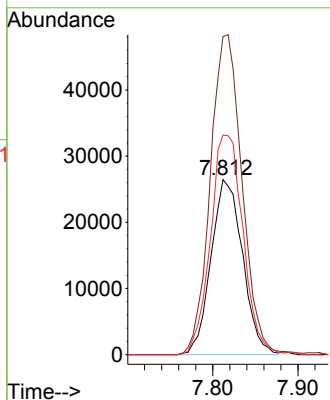
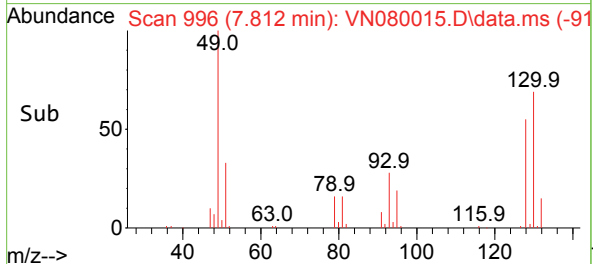


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Instrument :
MSVOA_N
ClientSampleId :

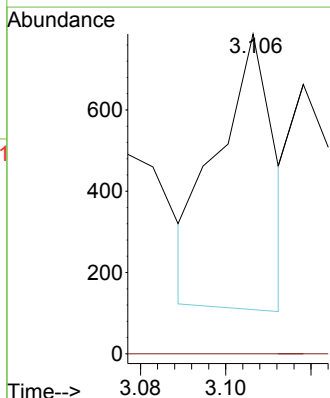
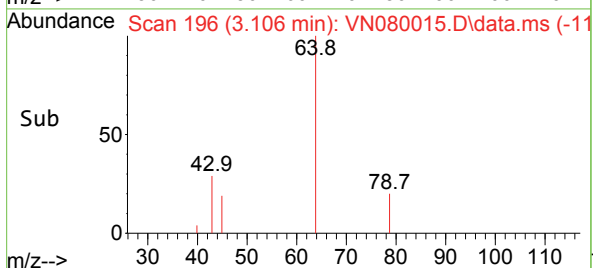
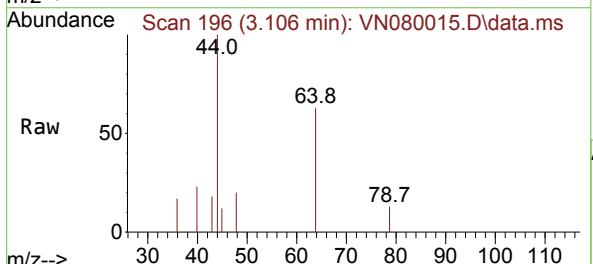


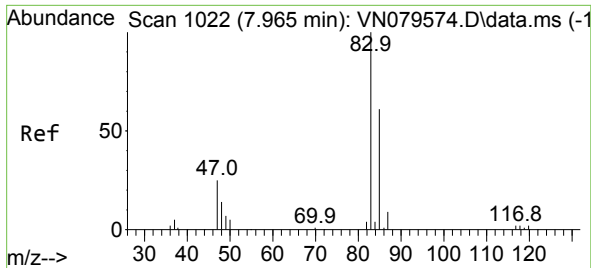
Tgt Ion:128 Resp: 68029
Ion Ratio Lower Upper
128 100
49 184.0 0.0 468.5
130 129.4 0.0 320.7



#6
Chloroethane
Concen: 0.230 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.018 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Tgt Ion: 64 Resp: 625
Ion Ratio Lower Upper
64 100
66 0.0 23.3 34.9#

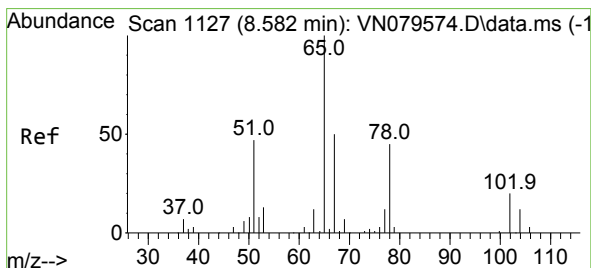
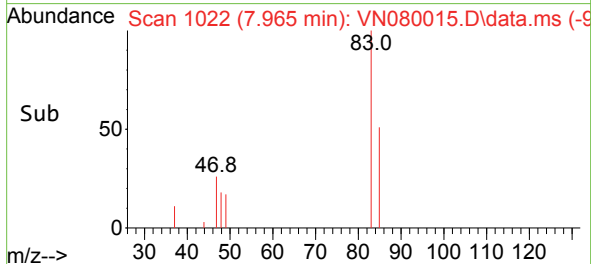
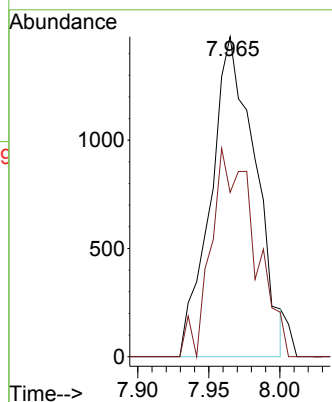
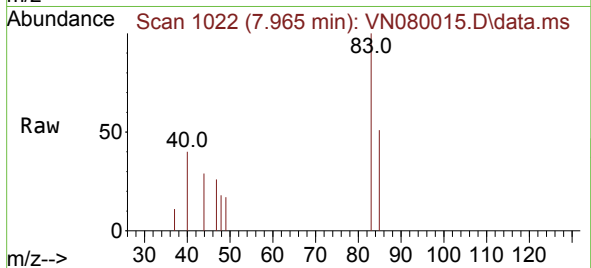




#25
Chloroform
Concen: 0.366 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

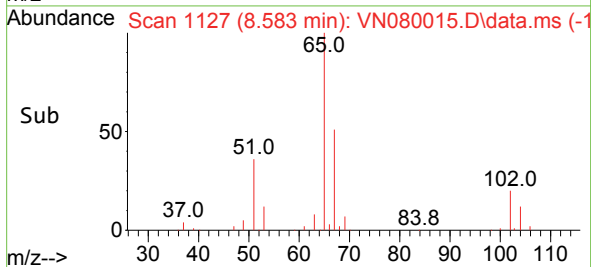
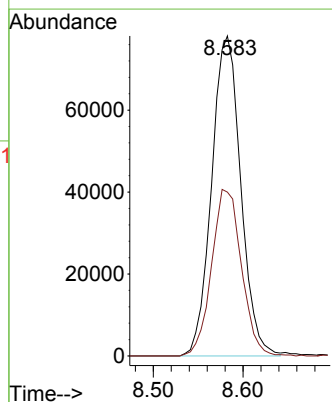
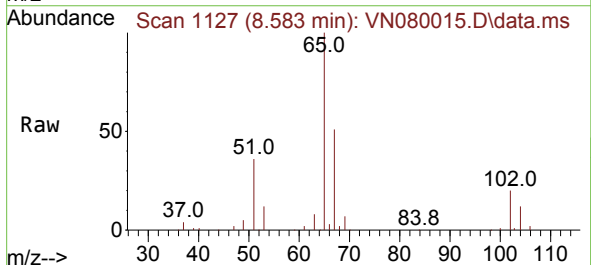
Instrument :
MSVOA_N
ClientSampleId :

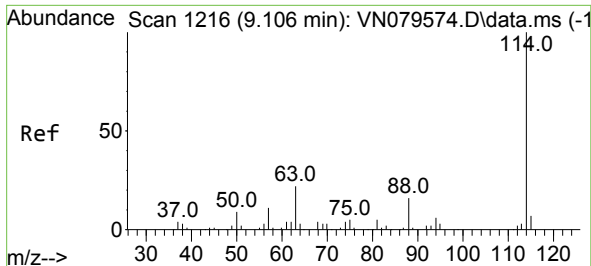
Tgt Ion: 83 Resp: 3222
Ion Ratio Lower Upper
83 100
85 51.4 47.4 71.2



#27
1,2-Dichloroethane-d4
Concen: 30.834 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Tgt Ion: 65 Resp: 176077
Ion Ratio Lower Upper
65 100
67 53.3 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080015.D

Acq: 09 Nov 2023 01:06

Instrument :

MSVOA_N

ClientSampleId :

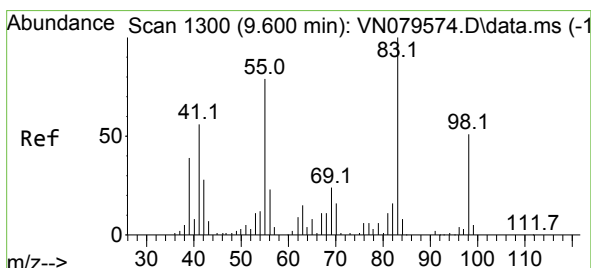
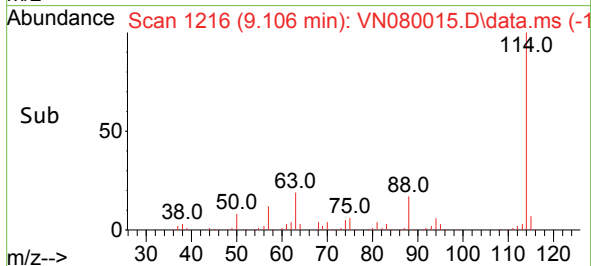
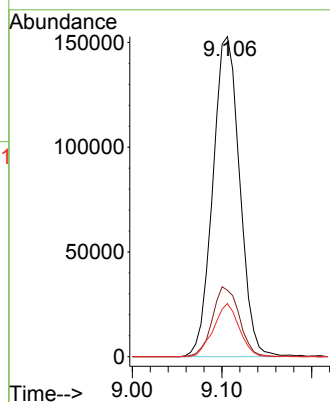
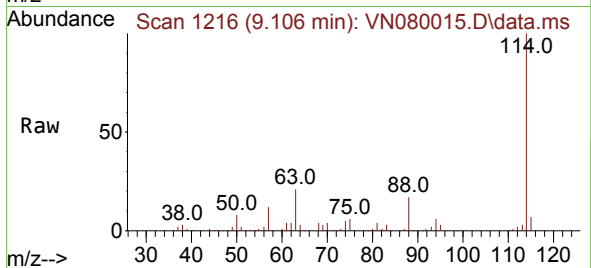
Tgt Ion:114 Resp: 317476

Ion Ratio Lower Upper

114 100

63 21.8 18.1 27.1

88 15.8 12.2 18.2



#38

Methylcyclohexane

Concen: 0.221 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.288 min

Lab File: VN080015.D

Acq: 09 Nov 2023 01:06

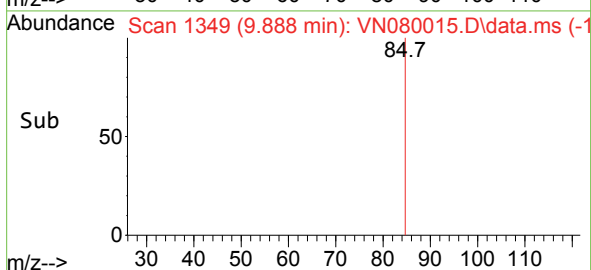
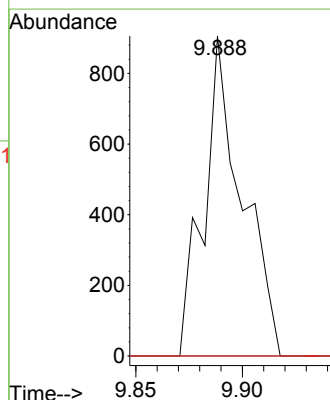
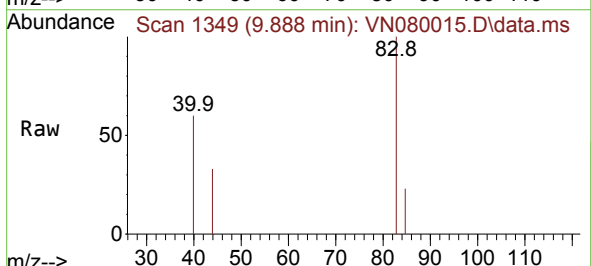
Tgt Ion: 83 Resp: 1130

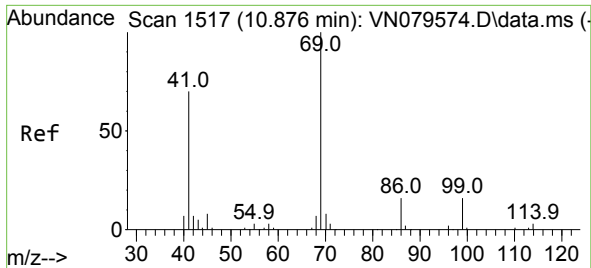
Ion Ratio Lower Upper

83 100

55 0.0 39.7 119.1#

98 0.0 24.4 73.2#

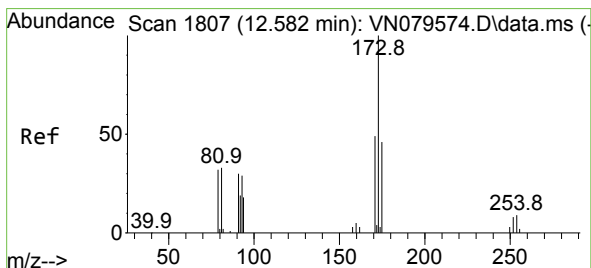
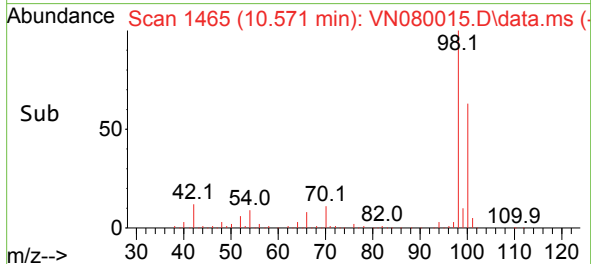
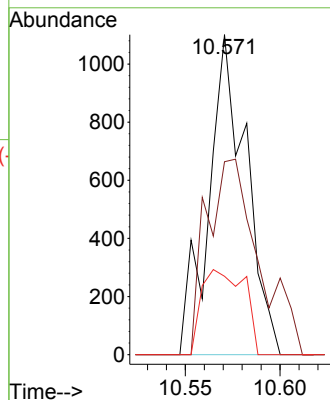
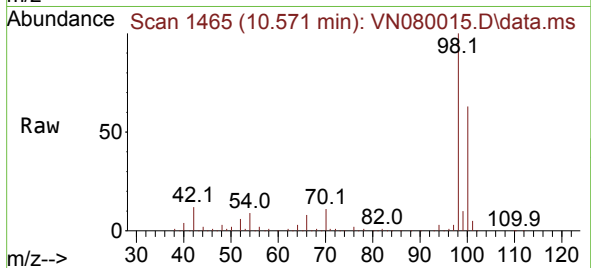




#51
Ethyl methacrylate
Concen: 0.279 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.305 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

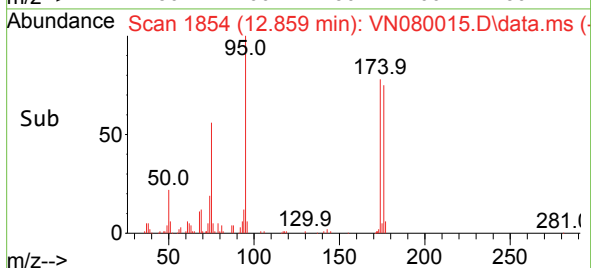
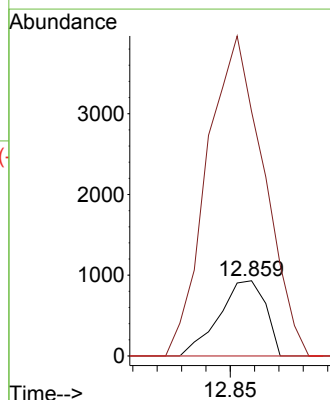
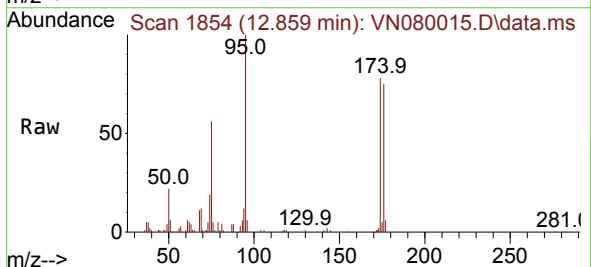
Instrument :
MSVOA_N
ClientSampleId :

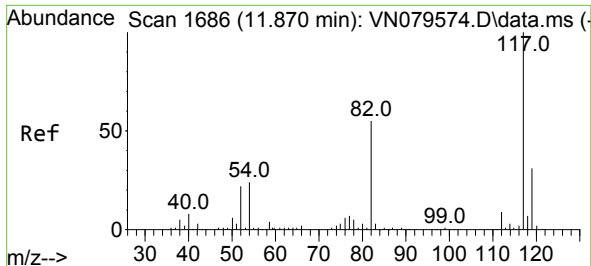
Tgt Ion: 69 Resp: 1517
Ion Ratio Lower Upper
69 100
41 60.3 33.8 101.3
39 24.5 21.3 63.9



#56
Bromoform
Concen: 0.468 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.277 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Tgt Ion: 173 Resp: 1239
Ion Ratio Lower Upper
173 100
175 519.8 37.9 56.9#
254 0.0 7.3 10.9#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN080015.D

Acq: 09 Nov 2023 01:06

Instrument :

MSVOA_N

ClientSampleId :

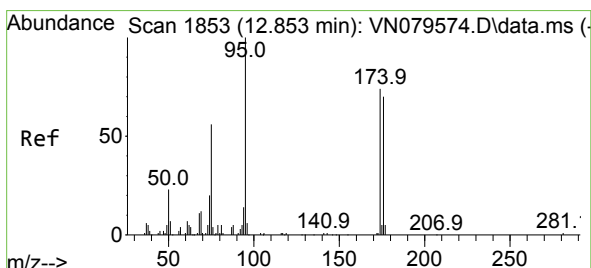
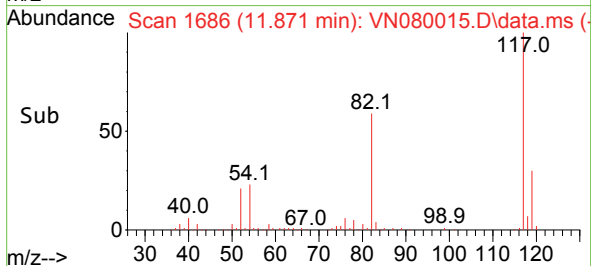
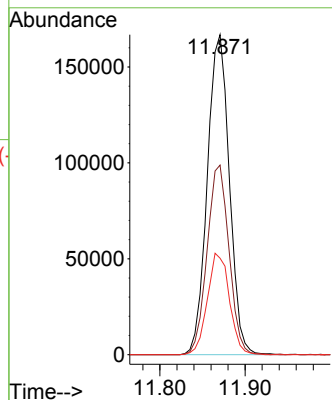
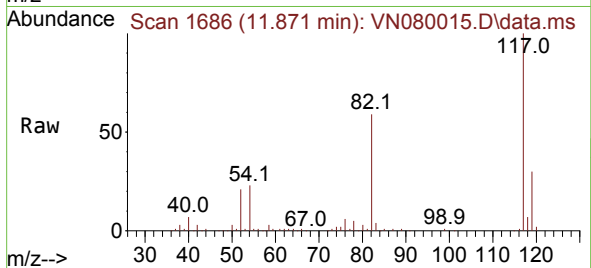
Tgt Ion:117 Resp: 300726

Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.2

119 31.7 25.2 37.8



#60

4-Bromofluorobenzene

Concen: 23.608 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN080015.D

Acq: 09 Nov 2023 01:06

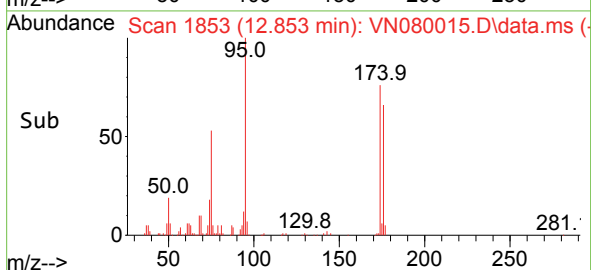
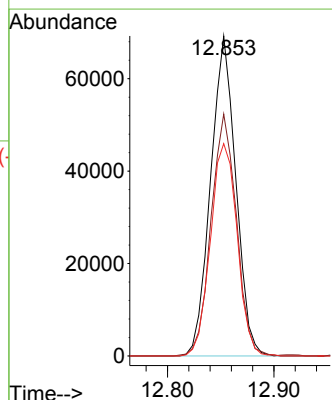
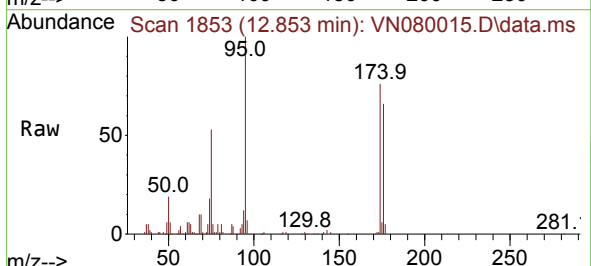
Tgt Ion: 95 Resp: 113532

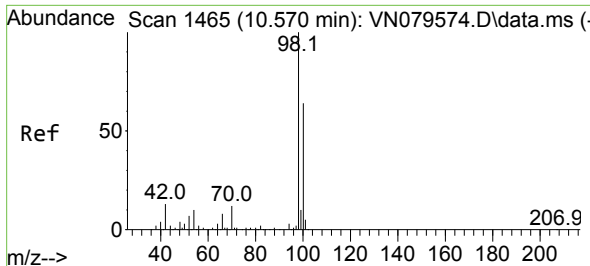
Ion Ratio Lower Upper

95 100

174 75.9 60.5 90.7

176 70.3 57.2 85.8

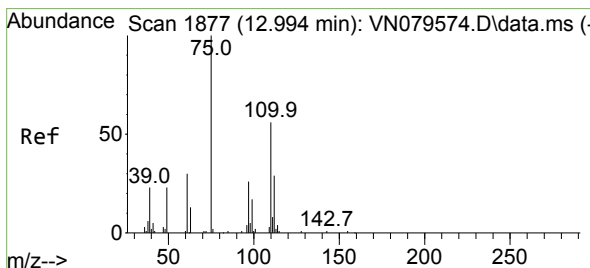
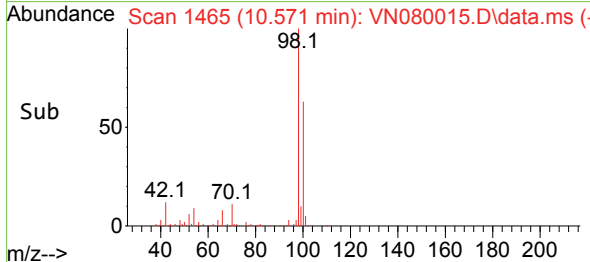
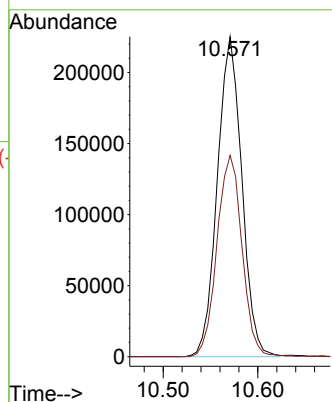
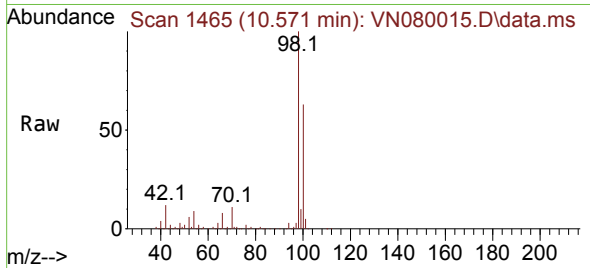




#63
Toluene-d8
Concen: 28.431 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

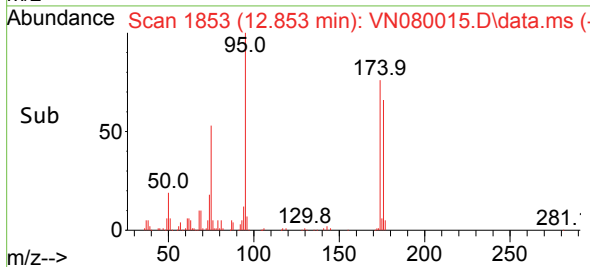
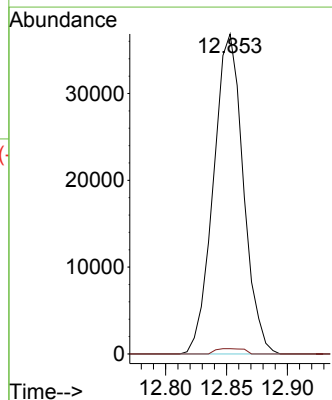
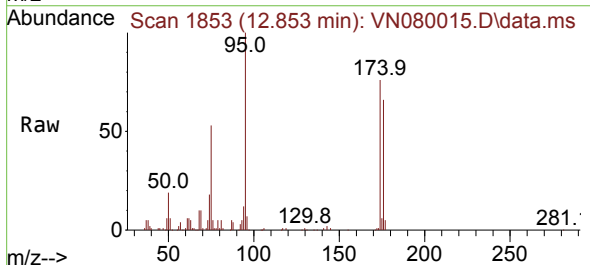
Instrument :
MSVOA_N
ClientSampleId :

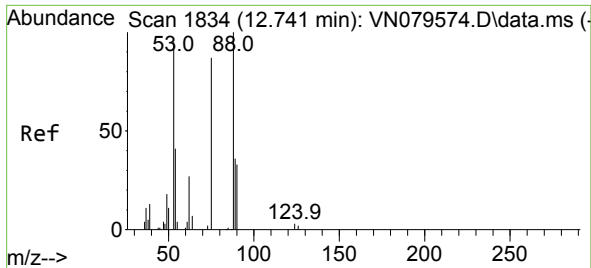
Tgt Ion: 98 Resp: 405116
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#72
1,2,3-Trichloropropane
Concen: 12.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Tgt Ion: 75 Resp: 62818
Ion Ratio Lower Upper
75 100
77 1.3 0.0 338.2





#77
t-1,4-Dichloro-2-butene
Concen: 37.262 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN080015.D
Acq: 09 Nov 2023 01:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 62818
Ion Ratio Lower Upper
75 100
53 0.0 53.0 159.1#
89 0.0 22.6 67.7#

