

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080012.D
 Acq On : 08 Nov 2023 23:54
 Operator : JC\MD
 Sample : 05298-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 04:31:57 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)

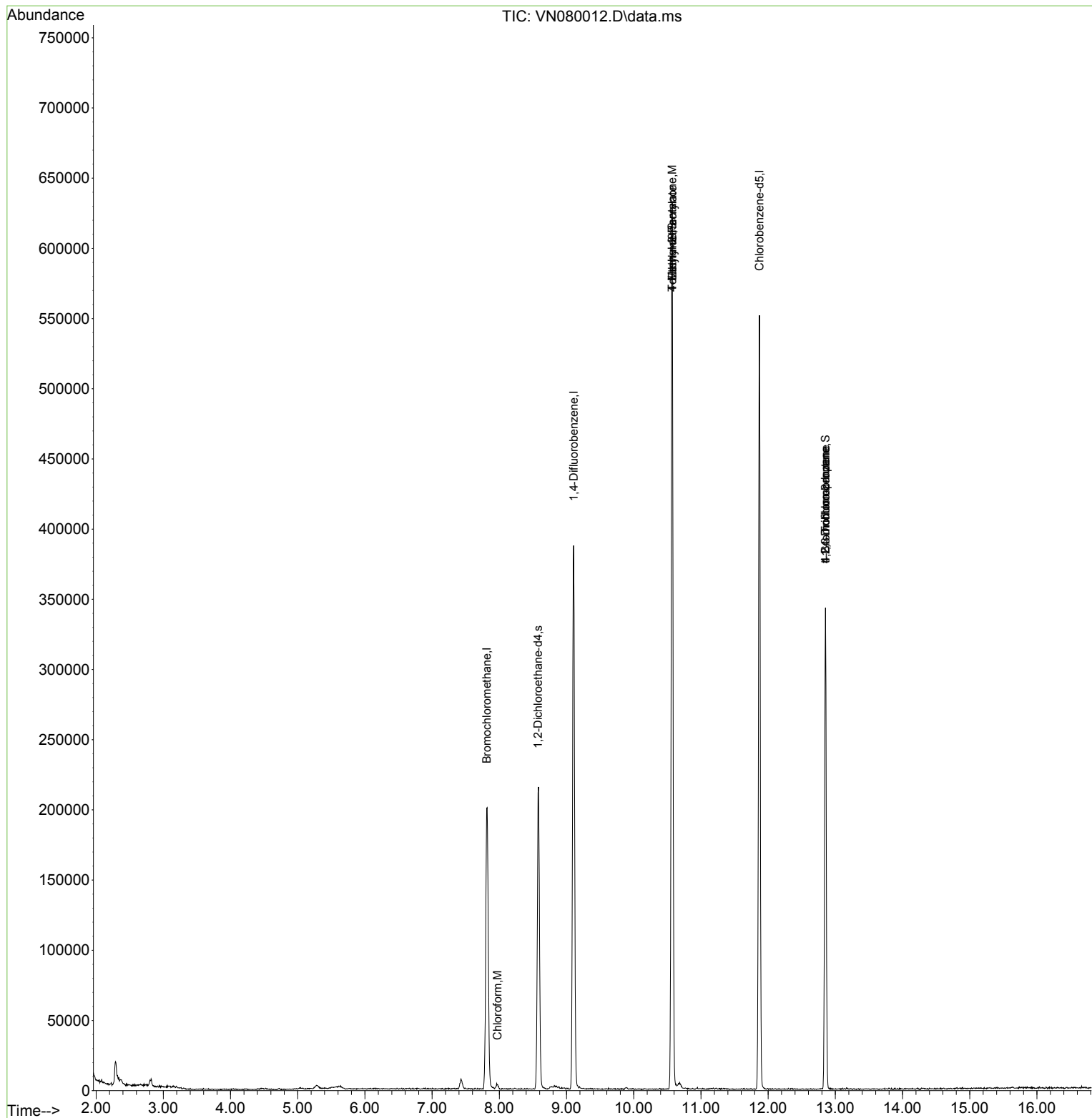
Internal Standards						
1) Bromochloromethane	7.812	128	69615	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	324050	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	311863	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	179173	30.661	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%
60) 4-Bromofluorobenzene	12.853	95	118021	23.665	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.867%
63) Toluene-d8	10.571	98	424507	28.728	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.767%
Target Compounds						
					Qvalue	
25) Chloroform	7.971	83	3063	0.340	ug/l #	84
51) Ethyl methacrylate	10.577	69	1420	0.256	ug/l #	58
58) 4-Methyl-2-Pentanone	10.571	43	1809	0.347	ug/l #	1
72) 1,2,3-Trichloropropane	12.853	75	62866	11.774	ug/l	1
77) t-1,4-Dichloro-2-butene	12.853	75	62866	35.959	ug/l #	8

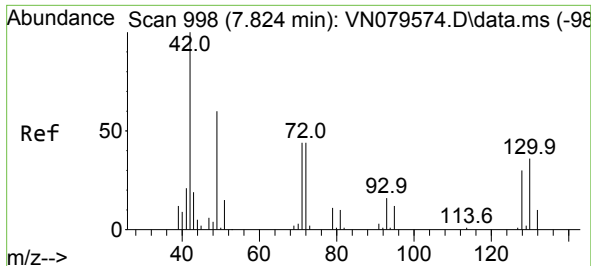
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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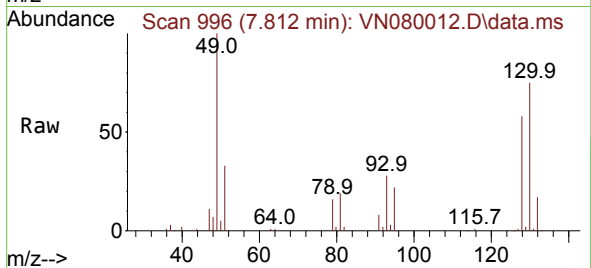
Quant Time: Nov 09 04:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 09 04:02:05 2023
Response via : Initial Calibration



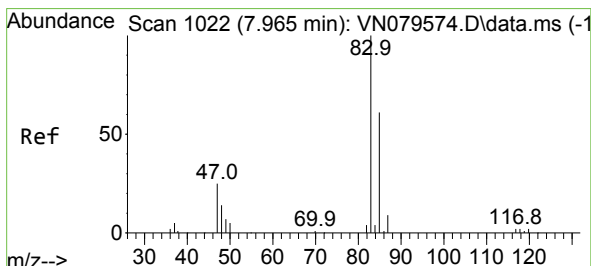
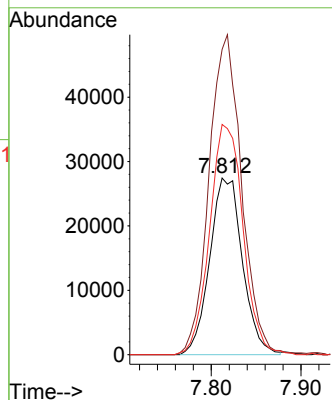
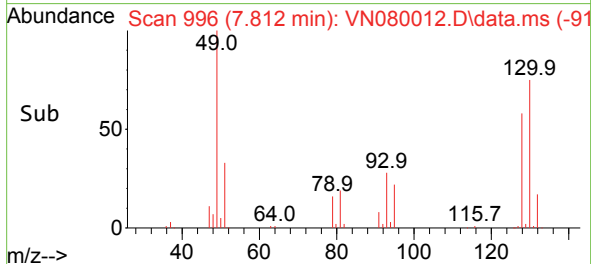


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 998
Delta R.T. -0.012 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

Instrument :
MSVOA_N
ClientSampleId :

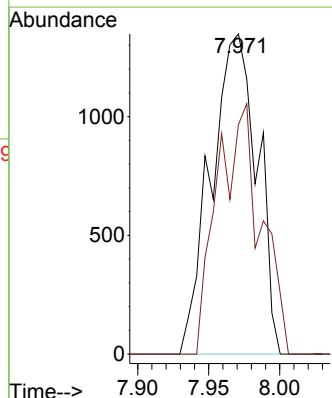
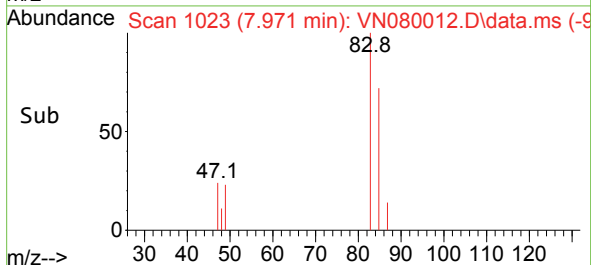
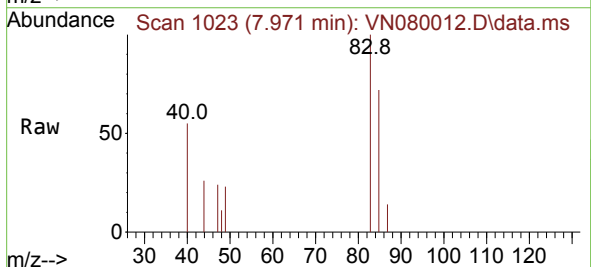


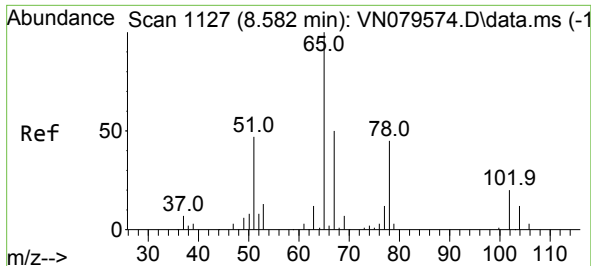
Tgt Ion:128 Resp: 69615
Ion Ratio Lower Upper
128 100
49 179.3 0.0 468.5
130 133.0 0.0 320.7



#25
Chloroform
Concen: 0.340 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

Tgt Ion: 83 Resp: 3063
Ion Ratio Lower Upper
83 100
85 71.7 47.4 71.2#





#27

1,2-Dichloroethane-d4

Concen: 30.661 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN080012.D

Acq: 08 Nov 2023 23:54

Instrument :

MSVOA_N

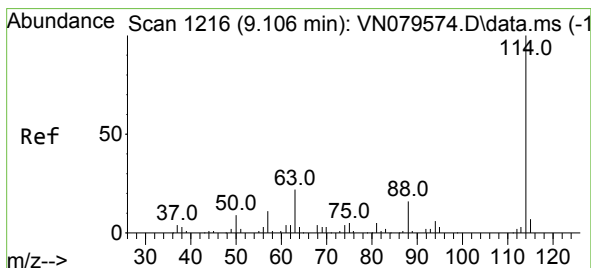
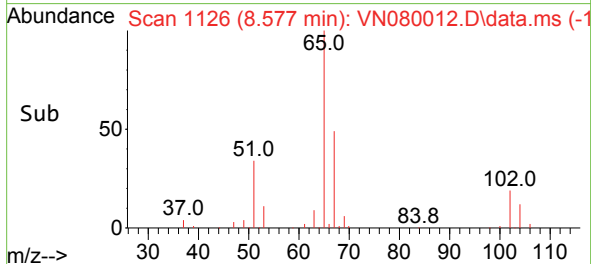
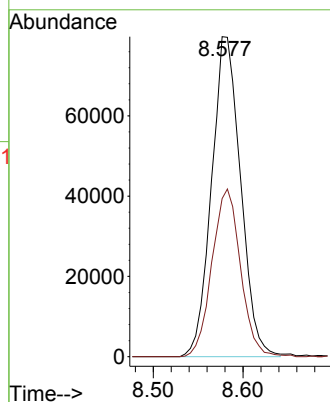
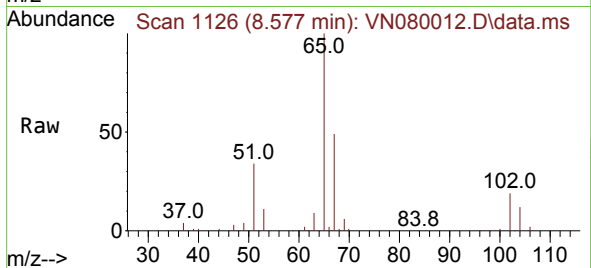
ClientSampleId :

Tgt Ion: 65 Resp: 179173

Ion Ratio Lower Upper

65 100

67 51.4 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080012.D

Acq: 08 Nov 2023 23:54

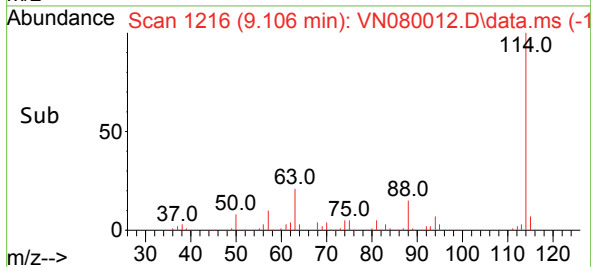
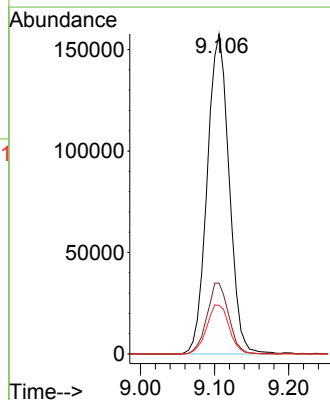
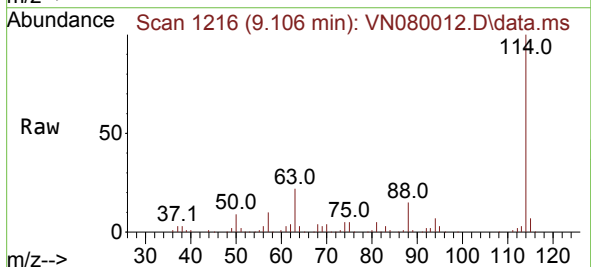
Tgt Ion: 114 Resp: 324050

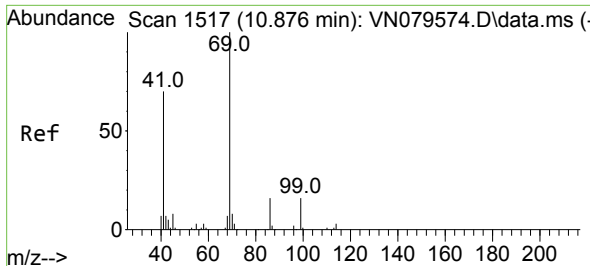
Ion Ratio Lower Upper

114 100

63 21.9 18.1 27.1

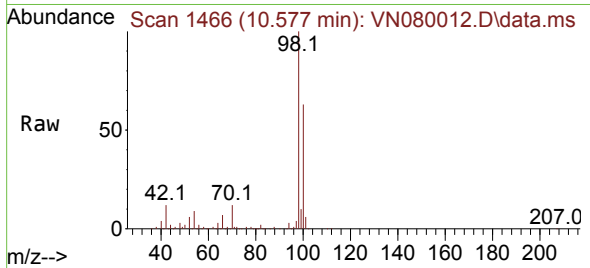
88 15.8 12.2 18.2



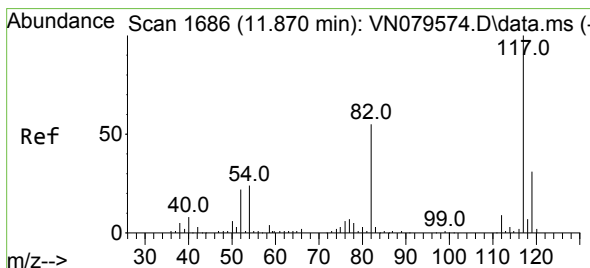
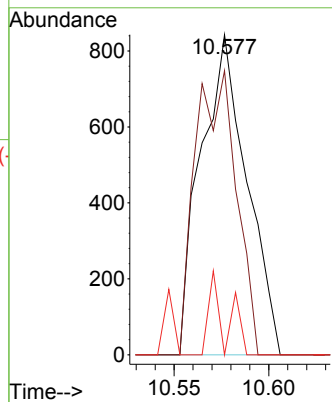
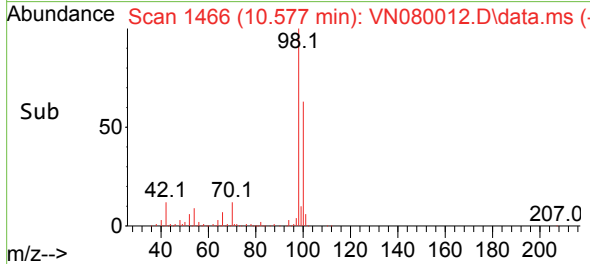


#51
Ethyl methacrylate
Concen: 0.256 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. -0.299 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

Instrument :
MSVOA_N
ClientSampleId :

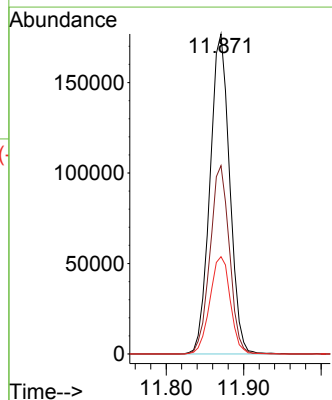
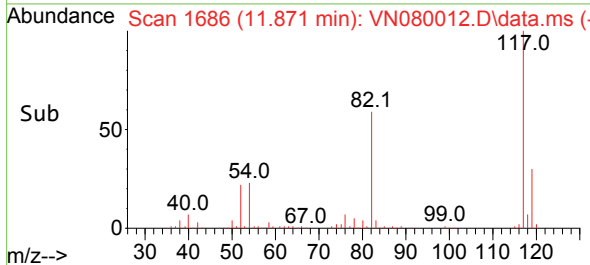
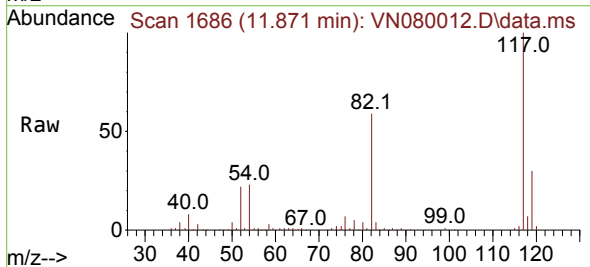


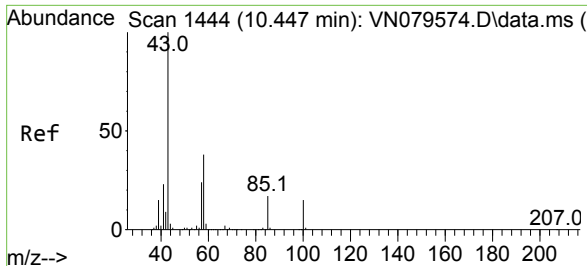
Tgt Ion: 69 Resp: 1420
Ion Ratio Lower Upper
69 100
41 88.7 33.8 101.3
39 0.0 21.3 63.9#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN080012.D
Acq: 08 Nov 2023 23:54

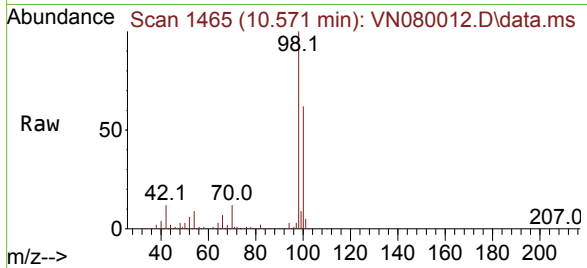
Tgt Ion: 117 Resp: 311863
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.2
119 31.6 25.2 37.8



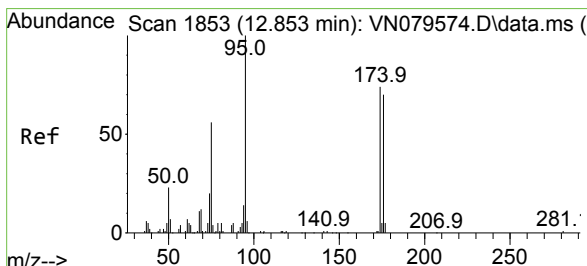
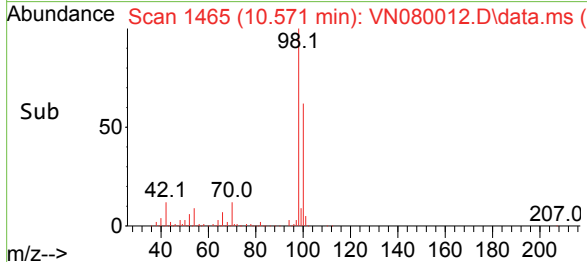
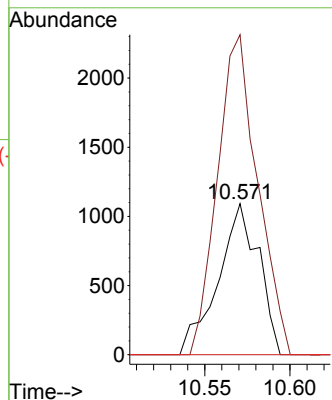


#58
 4-Methyl-2-Pentanone
 Concen: 0.347 ug/l
 RT: 10.571 min Scan# 1444
 Delta R.T. 0.124 min
 Lab File: VN080012.D
 Acq: 08 Nov 2023 23:54

Instrument :
 MSVOA_N
 ClientSampleId :

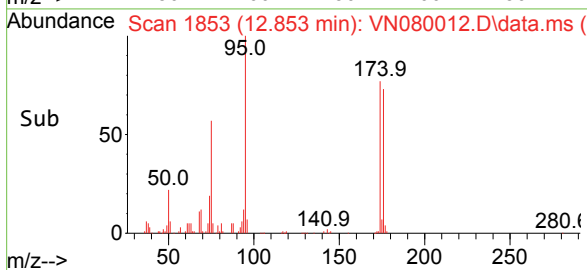
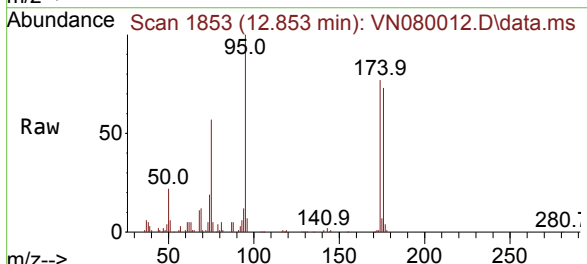
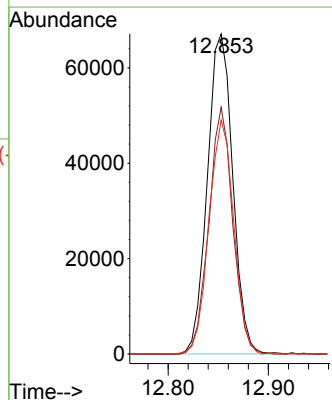


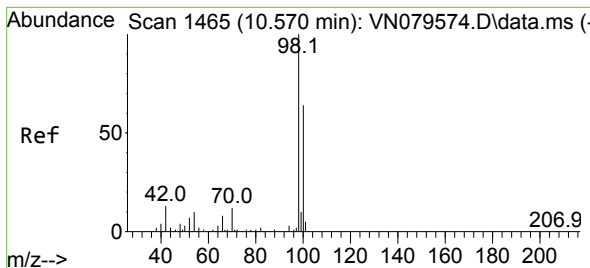
Tgt Ion: 43 Resp: 1809
 Ion Ratio Lower Upper
 43 100
 58 209.9 30.4 45.6#
 85 0.0 13.2 19.8#



#60
 4-Bromofluorobenzene
 Concen: 23.665 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN080012.D
 Acq: 08 Nov 2023 23:54

Tgt Ion: 95 Resp: 118021
 Ion Ratio Lower Upper
 95 100
 174 72.6 60.5 90.7
 176 71.6 57.2 85.8





#63

Toluene-d8

Concen: 28.728 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN080012.D

Acq: 08 Nov 2023 23:54

Instrument :

MSVOA_N

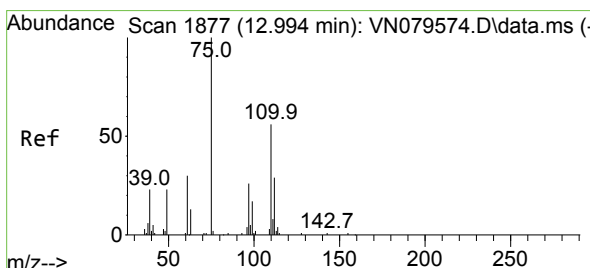
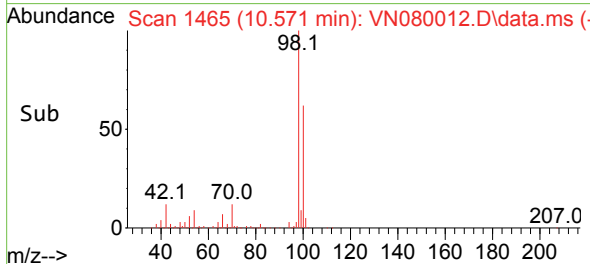
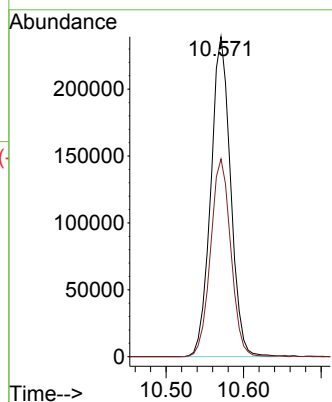
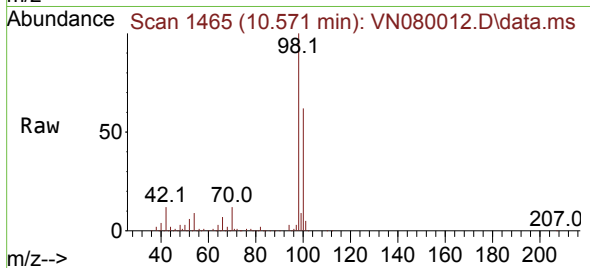
ClientSampleId :

Tgt Ion: 98 Resp: 424507

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4



#72

1,2,3-Trichloropropane

Concen: 11.774 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN080012.D

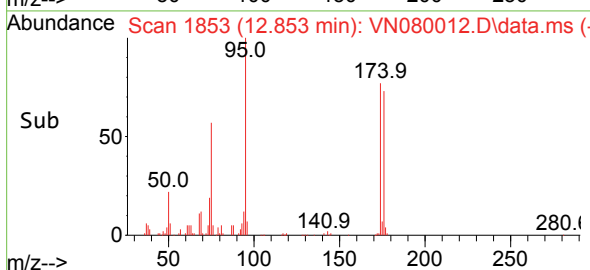
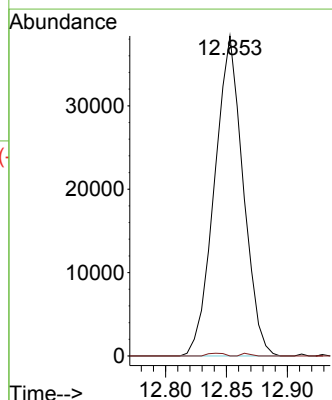
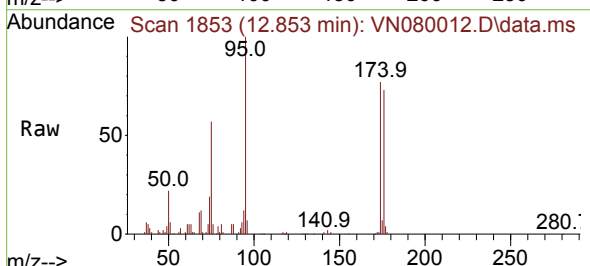
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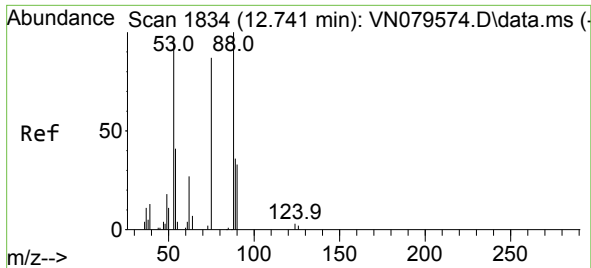
Tgt Ion: 75 Resp: 62866

Ion Ratio Lower Upper

75 100

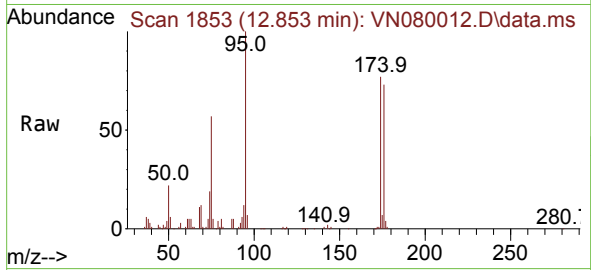
77 0.5 0.0 338.2





#77
 t-1,4-Dichloro-2-butene
 Concen: 35.959 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN080012.D
 Acq: 08 Nov 2023 23:54

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 62866
 Ion Ratio Lower Upper
 75 100
 53 0.5 53.0 159.1#
 89 0.0 22.6 67.7#

