

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077971.D
 Acq On : 30 May 2023 15:51
 Operator : JC\MD
 Sample : 02973-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-121.5N-20230526

Quant Time: May 31 02:08:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

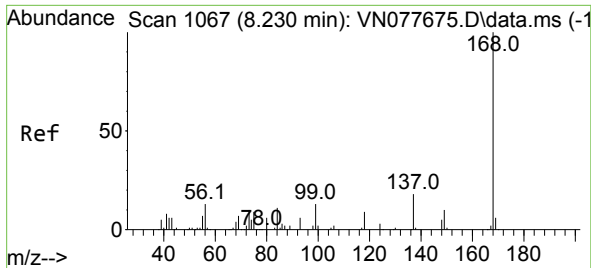
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	375482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	590166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	173040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261983	46.631	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.260%		
35) Dibromofluoromethane	8.171	113	224592	50.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.660%		
50) Toluene-d8	10.577	98	849645	49.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.940%		
62) 4-Bromofluorobenzene	12.853	95	262345	43.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1395	Below Cal	#	82
6) Chloroethane	3.124	64	835	0.215	ug/l #	43
13) Acrolein	4.212	56	217	Below Cal	#	68
16) Acetone	4.453	43	1258	0.712	ug/l #	80
20) Methylene Chloride	5.283	84	1114	Below Cal	#	34
31) Cyclohexane	8.236	56	8786	1.151	ug/l #	7
36) 1,1-Dichloropropene	8.236	75	32142	4.925	ug/l #	48
38) Carbon Tetrachloride	8.236	117	42245	6.410	ug/l #	16
43) Isopropyl Acetate	8.759	43	3893	0.410	ug/l #	49
44) Trichloroethene	9.359	130	2067	0.424	ug/l	86
76) 1,2,3-Trichloropropane	12.853	75	137205	31.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	137205	101.206	ug/l #	15

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

Quant Time: May 31 02:08:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

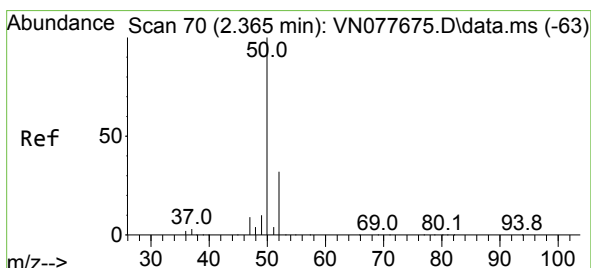
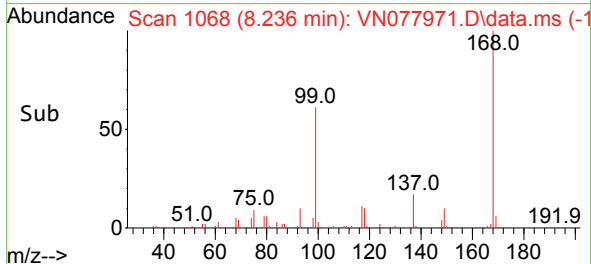
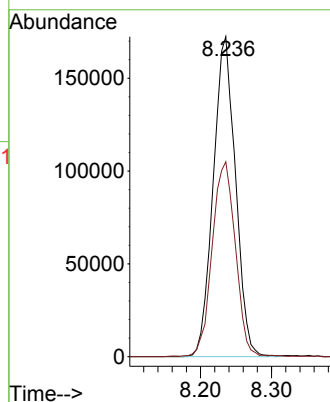
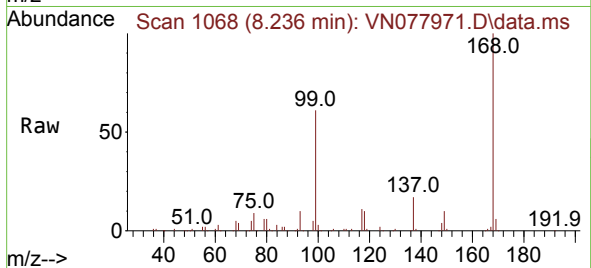




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

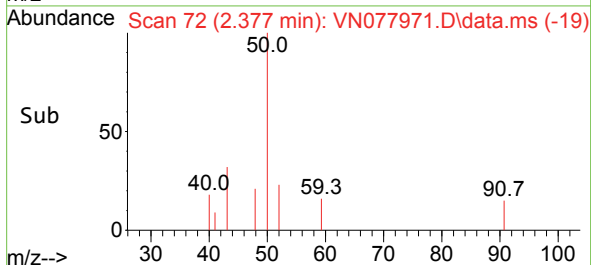
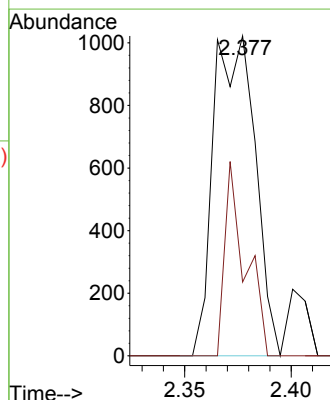
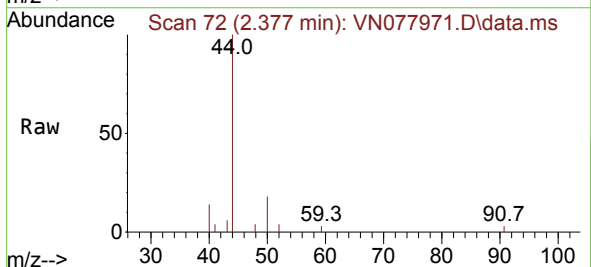
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

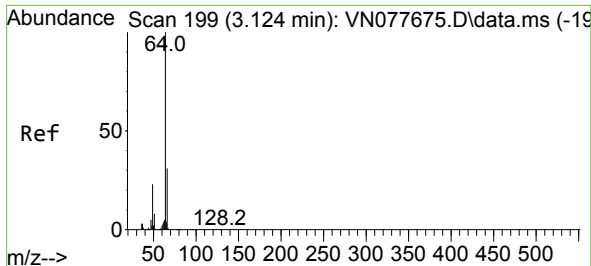
Tgt Ion:168 Resp: 375482
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 50 Resp: 1395
Ion Ratio Lower Upper
50 100
52 23.1 26.5 39.7#

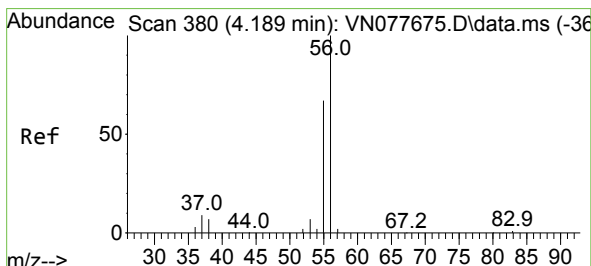
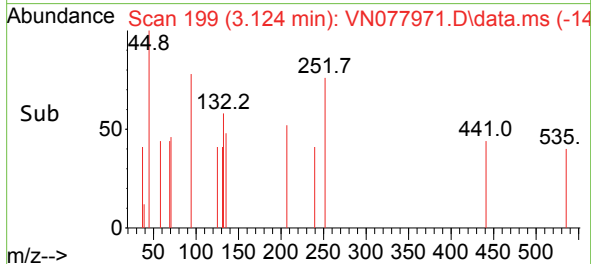
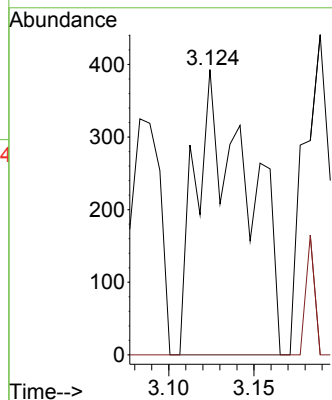
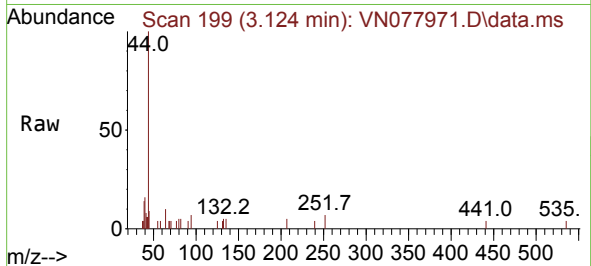




#6
Chloroethane
Concen: 0.215 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

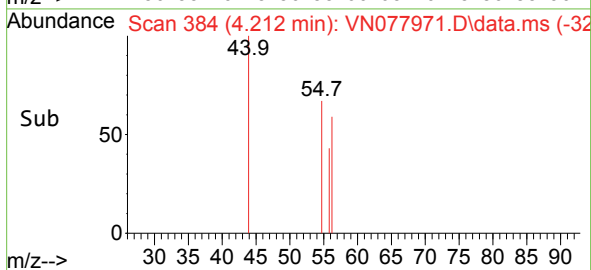
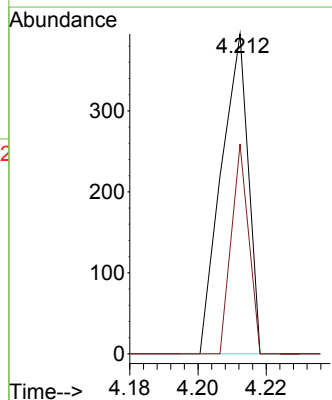
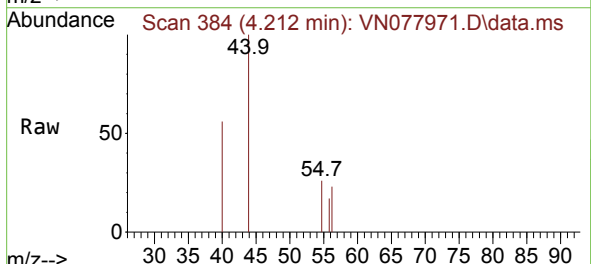
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

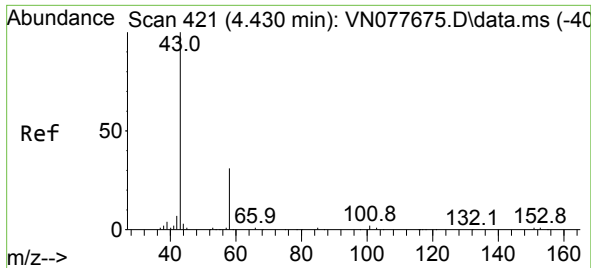
Tgt Ion: 64 Resp: 835
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: Below Cal
RT: 4.212 min Scan# 384
Delta R.T. 0.023 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 41.9 54.5 81.7#

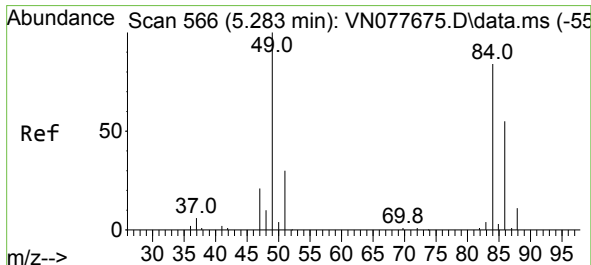
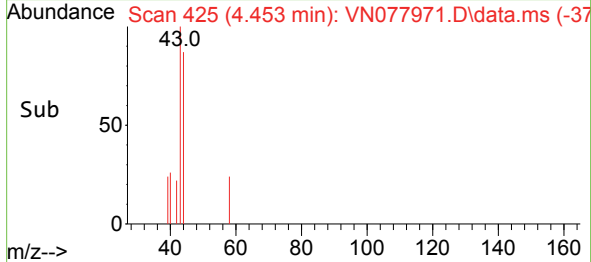
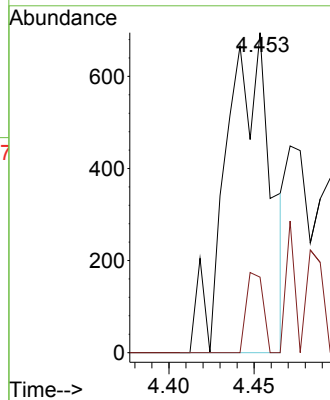
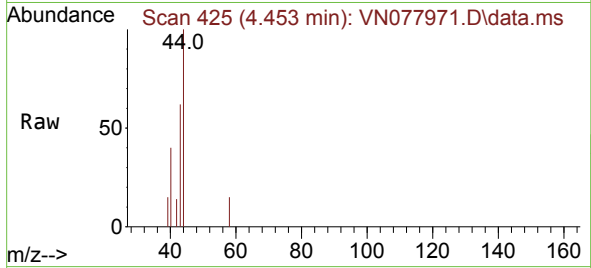




#16
Acetone
Concen: 0.712 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

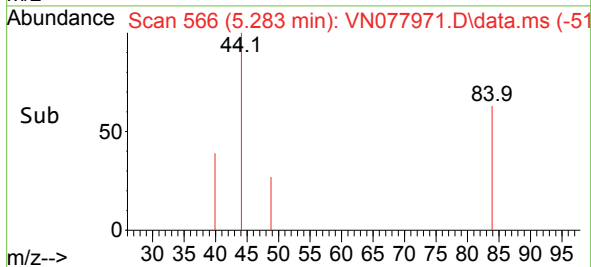
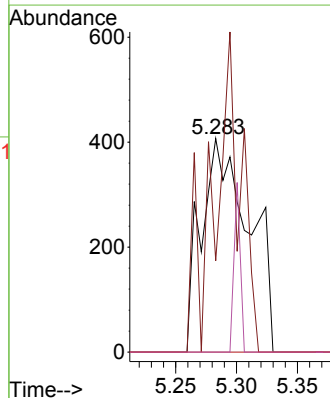
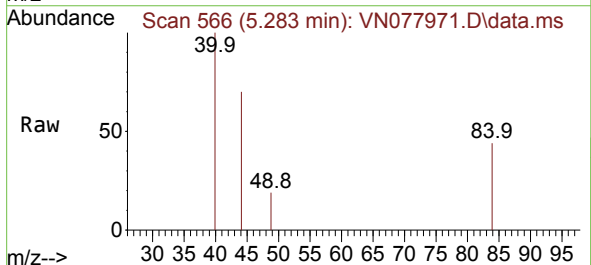
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

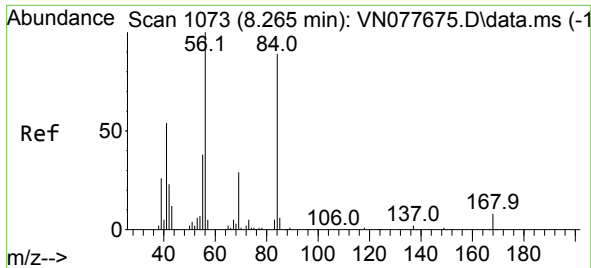
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
58 23.6 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

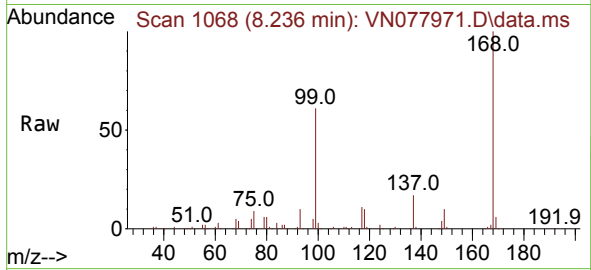
Tgt Ion: 84 Resp: 1114
Ion Ratio Lower Upper
84 100
49 42.8 79.7 119.5#
51 0.0 25.2 37.8#
86 0.0 53.3 79.9#



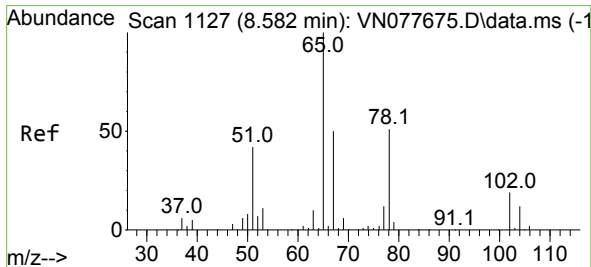
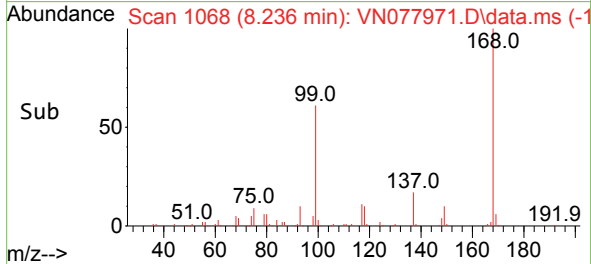
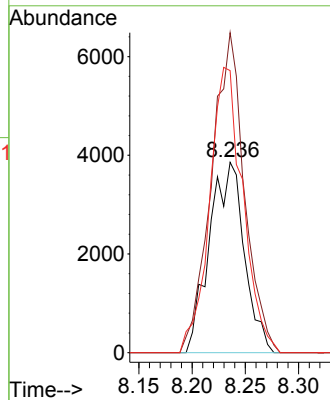


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
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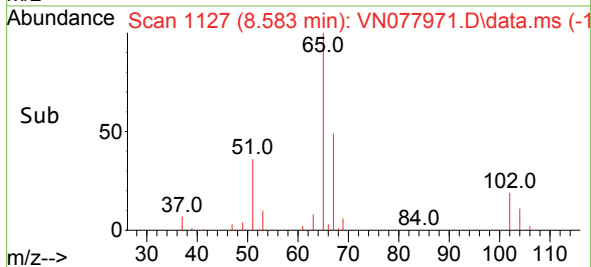
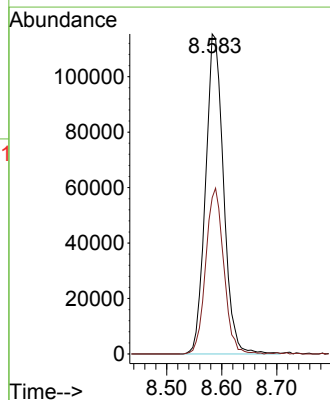
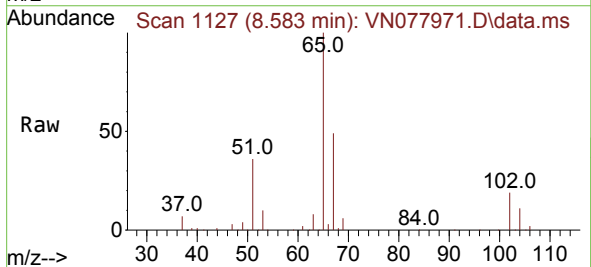


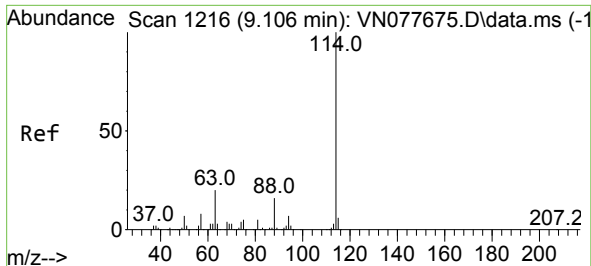
Tgt Ion: 56 Resp: 8786
Ion Ratio Lower Upper
56 100
69 168.1 26.8 40.2#
84 148.2 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.631 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 65 Resp: 261983
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6

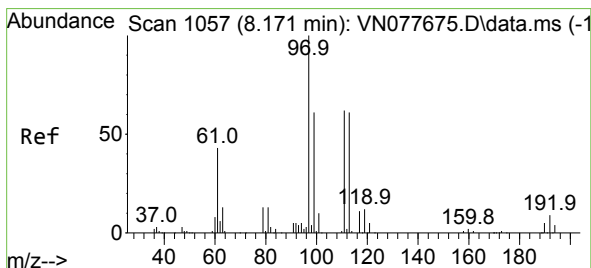
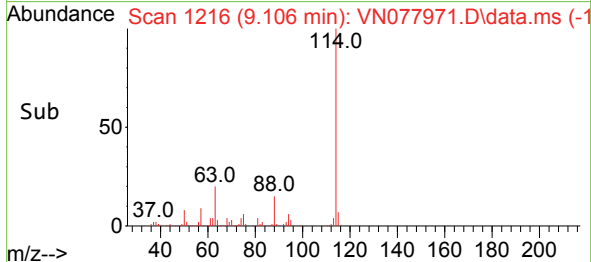
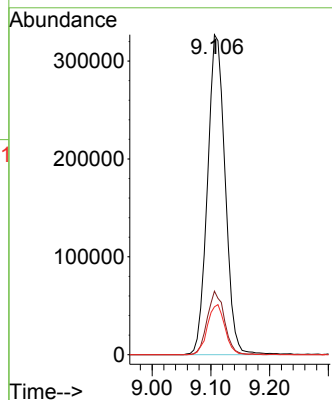
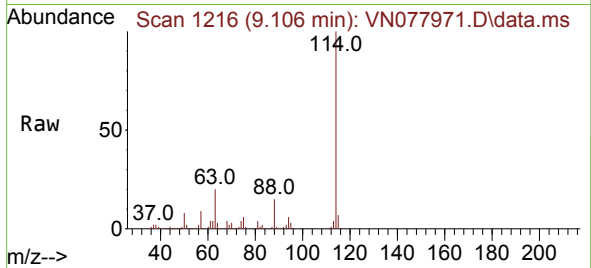




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

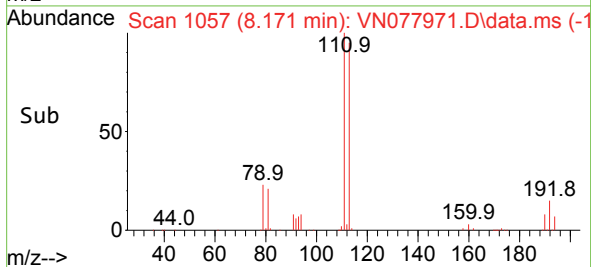
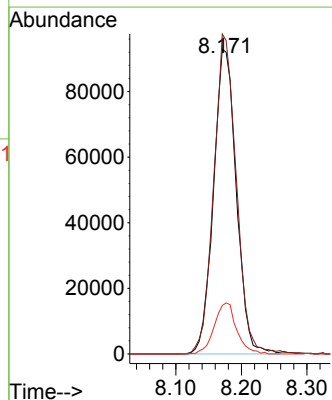
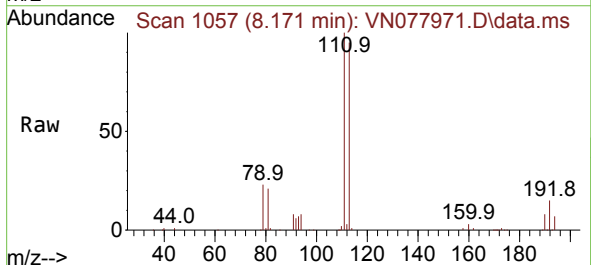
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

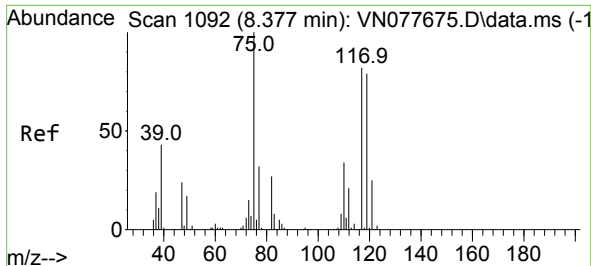
Tgt Ion:114 Resp: 684271
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion:113 Resp: 224592
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 16.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN077971.D

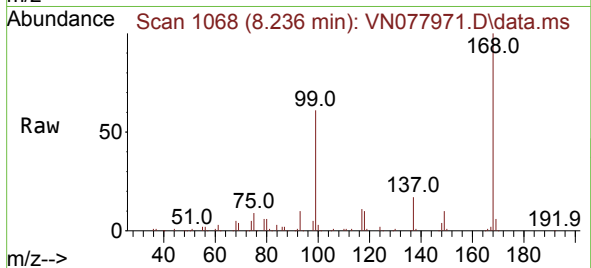
Acq: 30 May 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

MH-121.5N-20230526



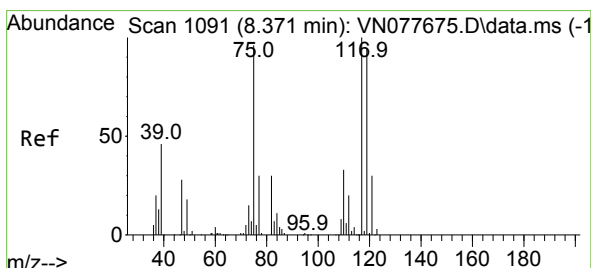
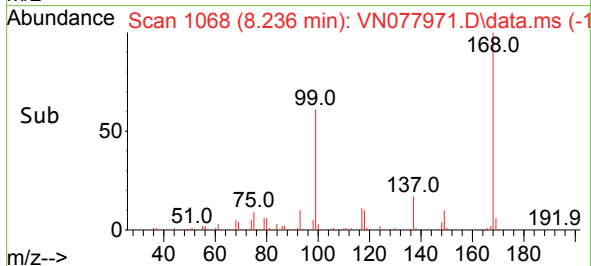
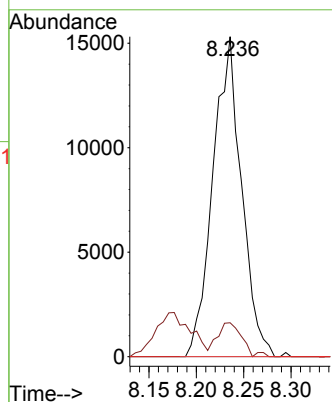
Tgt Ion: 75 Resp: 32142

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.410 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN077971.D

Acq: 30 May 2023 15:51

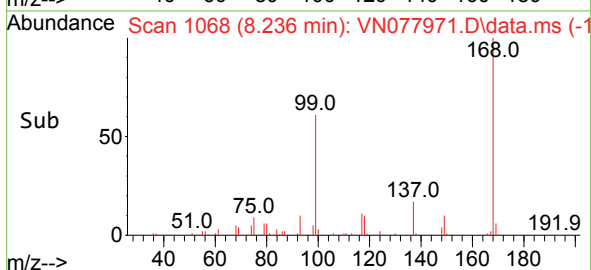
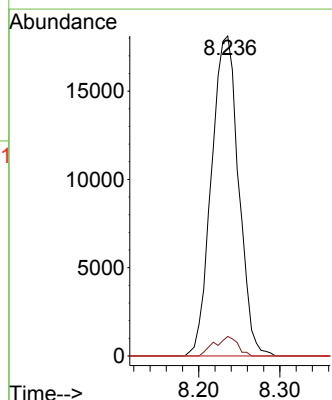
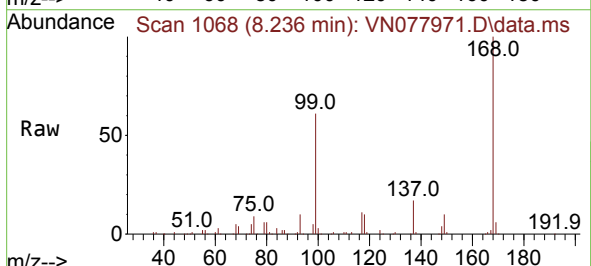
Tgt Ion: 117 Resp: 42245

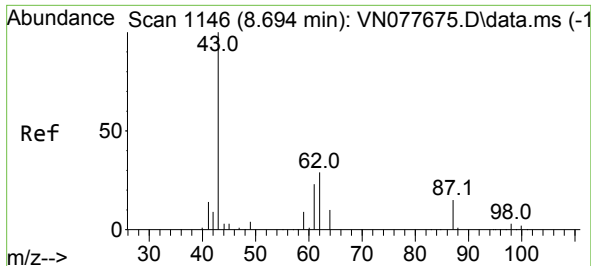
Ion Ratio Lower Upper

117 100

119 6.1 77.3 115.9#

121 0.0 23.3 34.9#

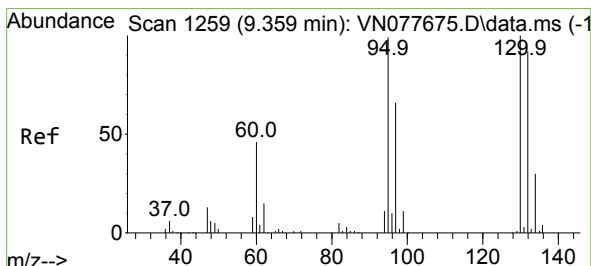
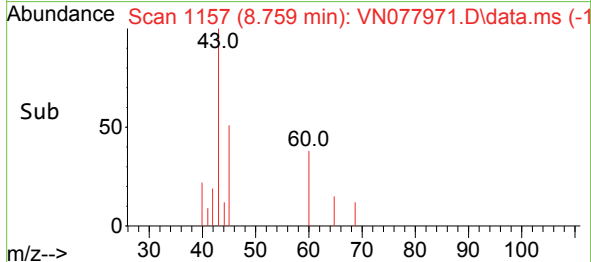
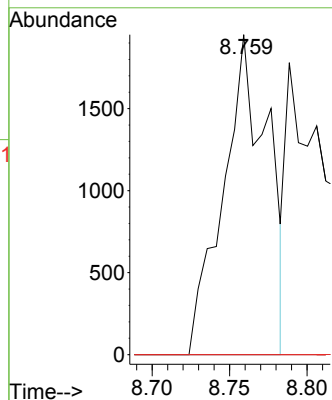
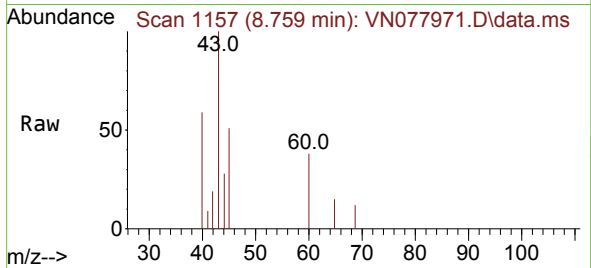




#43
Isopropyl Acetate
Concen: 0.410 ug/l
RT: 8.759 min Scan# 1157
Delta R.T. 0.065 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

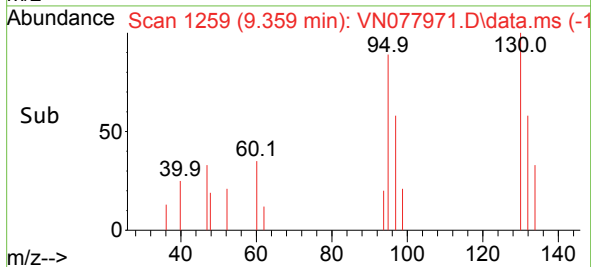
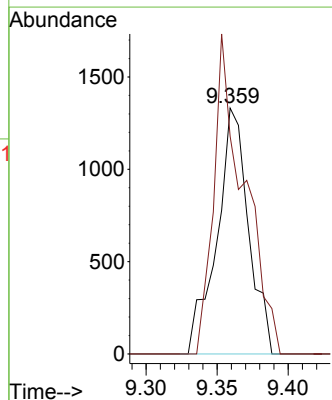
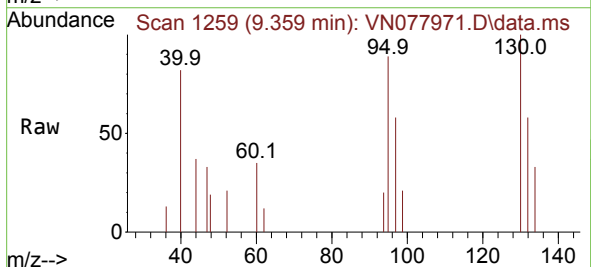
Instrument :
MSVOA_N
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MH-121.5N-20230526

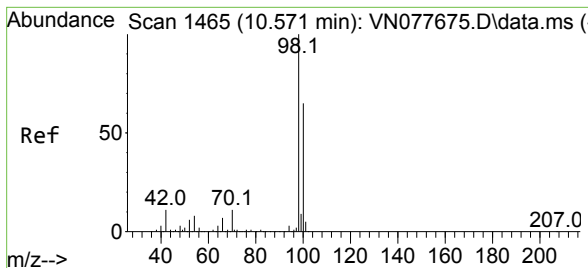
Tgt Ion: 43 Resp: 3893
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.424 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion:130 Resp: 2067
Ion Ratio Lower Upper
130 100
95 88.5 0.0 204.6

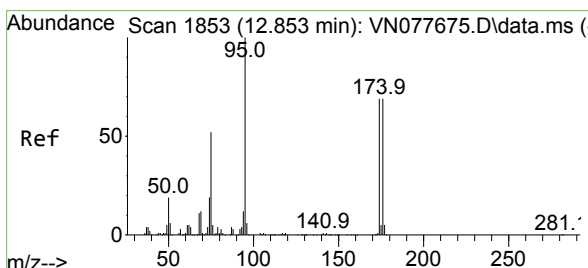
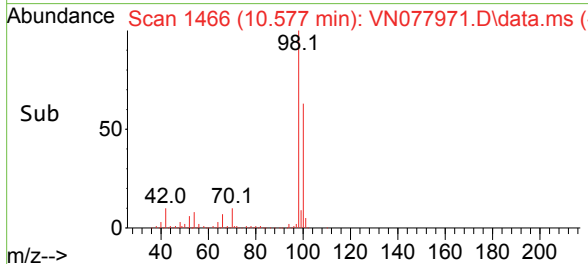
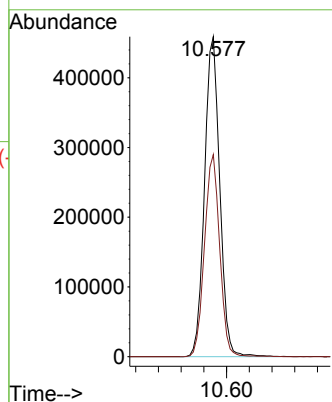
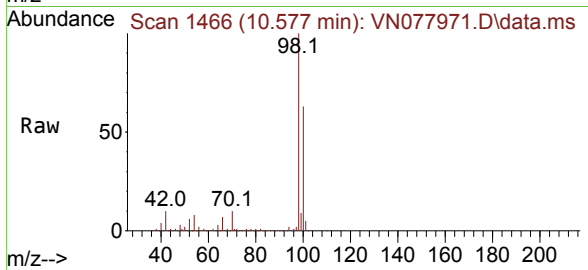




#50
Toluene-d8
Concen: 49.471 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

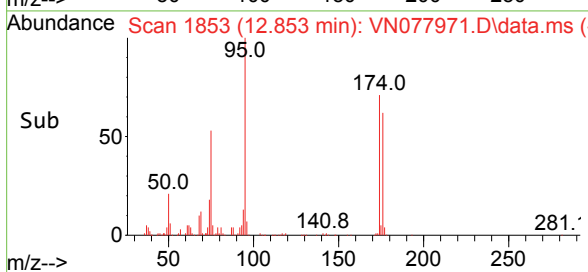
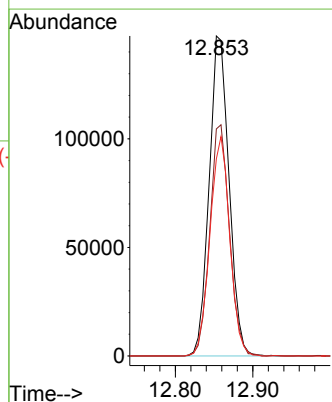
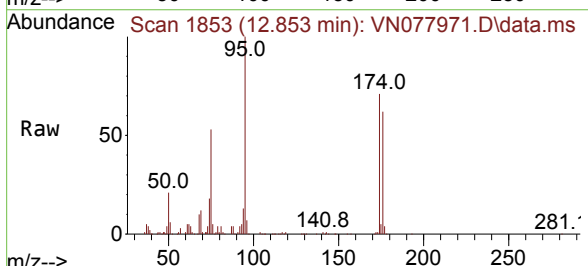
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

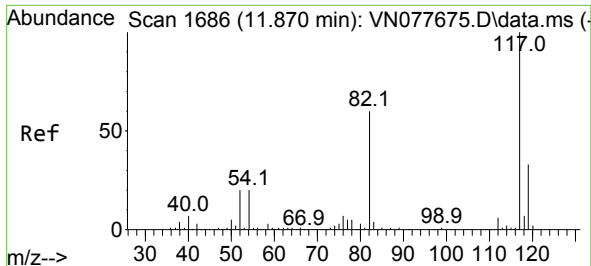
Tgt Ion: 98 Resp: 849645
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.250 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 95 Resp: 262345
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 68.3 0.0 135.8

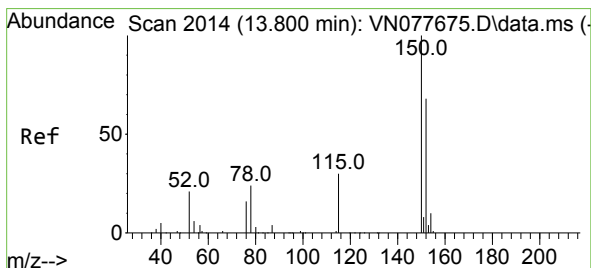
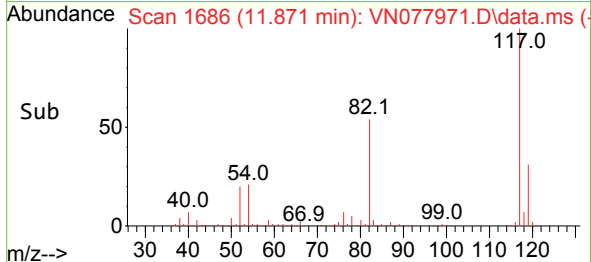
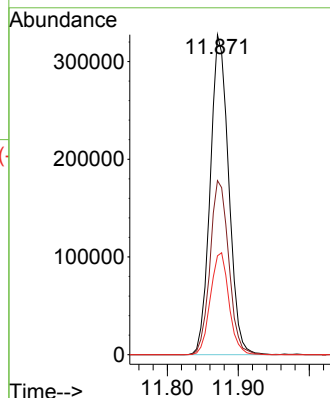
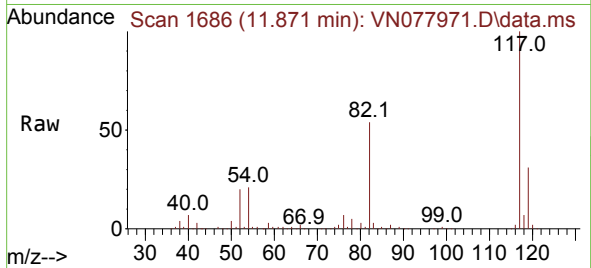




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

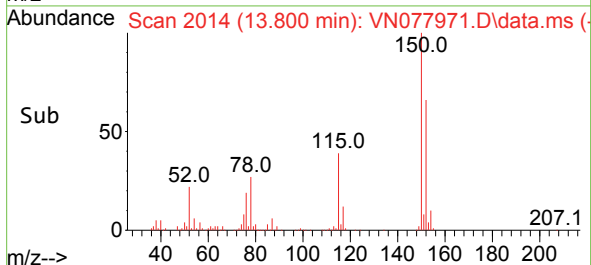
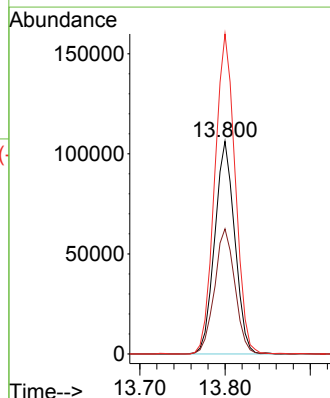
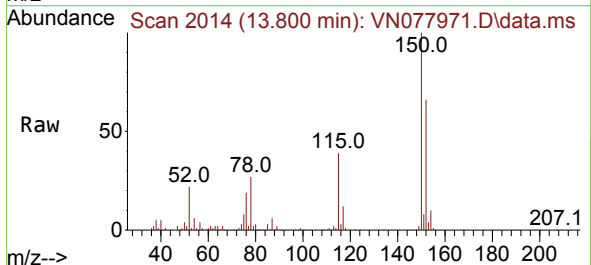
Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

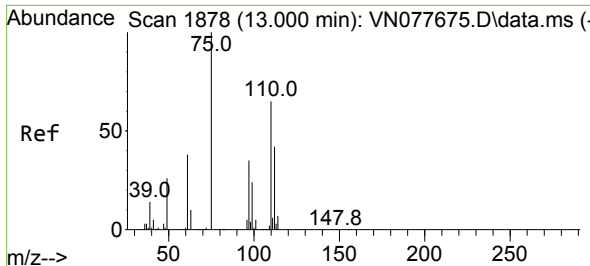
Tgt Ion:117 Resp: 590166
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 30.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion:152 Resp: 173040
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 153.8 0.0 355.8

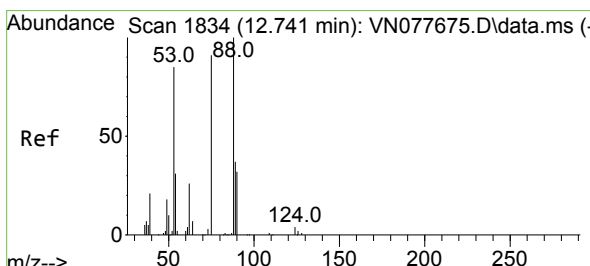
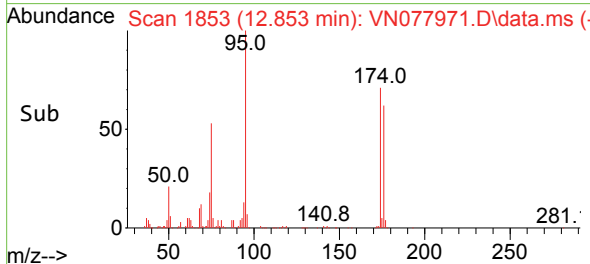
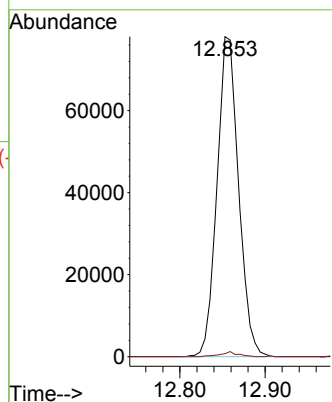
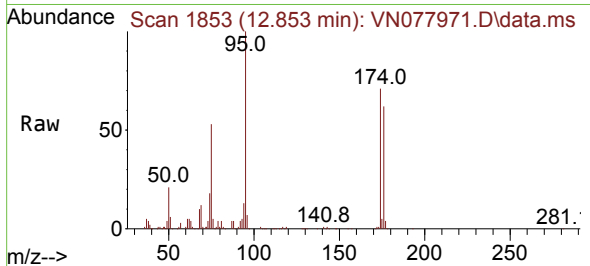




#76
1,2,3-Trichloropropane
Concen: 31.661 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
MH-121.5N-20230526

Tgt Ion: 75 Resp: 137205
Ion Ratio Lower Upper
75 100
77 1.3 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.206 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN077971.D
Acq: 30 May 2023 15:51

Tgt Ion: 75 Resp: 137205
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

