

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078141.D
 Acq On : 09 Jun 2023 13:23
 Operator : JC\MD
 Sample : 03123-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

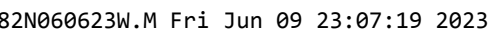
Quant Time: Jun 09 23:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

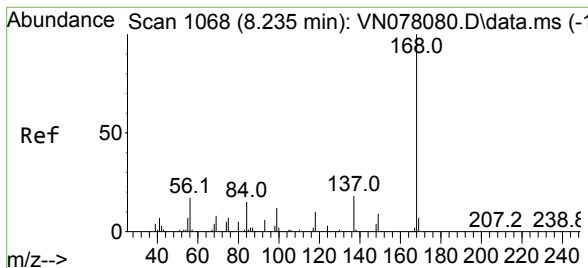
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	489486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	900231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	800851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	254790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	349839	53.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.200%			
35) Dibromofluoromethane	8.177	113	302230	53.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.200%			
50) Toluene-d8	10.577	98	1082547	49.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.660%			
62) 4-Bromofluorobenzene	12.853	95	347281	50.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.820%			
Target Compounds						
3) Chloromethane	2.377	50	1012	Below Cal	Qvalue 90	
16) Acetone	4.448	43	868	0.462 ug/l #	75	
18) Methyl Acetate	5.048	43	11973	1.384 ug/l	90	
20) Methylene Chloride	5.283	84	1607	0.259 ug/l #	70	
30) Chloroform	7.971	83	10455	0.959 ug/l #	82	
31) Cyclohexane	8.236	56	12672	1.514 ug/l #	66	
36) 1,1-Dichloropropene	8.230	75	41801	5.120 ug/l #	49	
38) Carbon Tetrachloride	8.236	117	54187	6.285 ug/l #	15	
71) Bromoform	12.859	173	3093	0.760 ug/l #	1	
75) 1,1,2,2-Tetrachloroethane	12.871	83	504	Below Cal #	26	
76) 1,2,3-Trichloropropane	12.853	75	187101	31.063 ug/l #	1	
81) trans-1,4-Dichloro-2-b...	12.853	75	187101	95.434 ug/l #	15	

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

Quant Time: Jun 09 23:07:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN078141.D

Acq: 09 Jun 2023 13:23

Instrument :

MSVOA_N

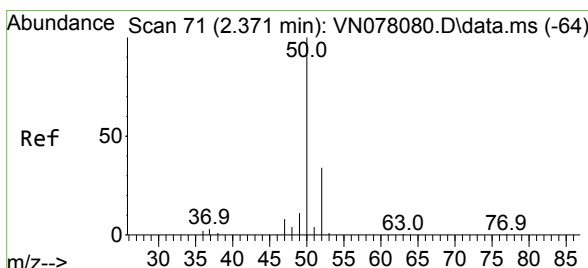
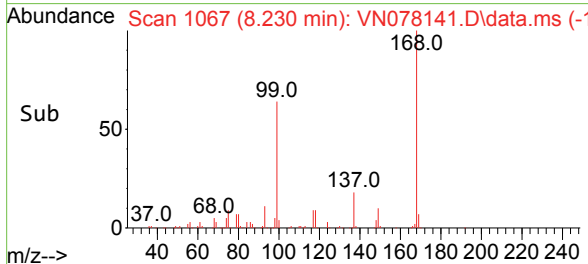
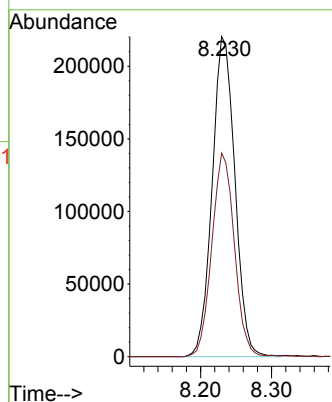
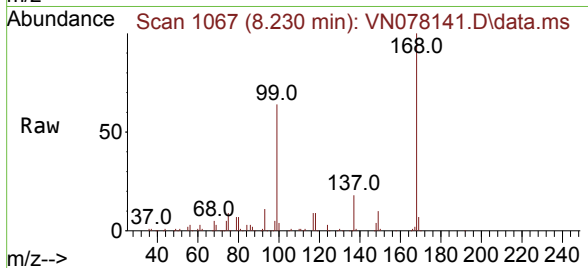
ClientSampleId :

Tgt Ion:168 Resp: 489486

Ion Ratio Lower Upper

168 100

99 63.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.377 min Scan# 72

Delta R.T. 0.006 min

Lab File: VN078141.D

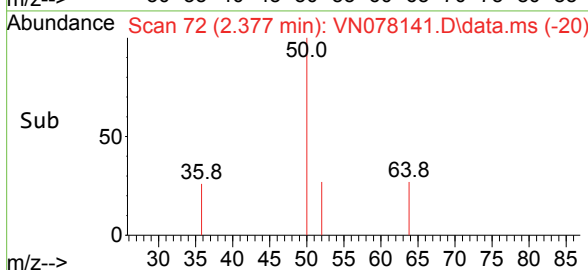
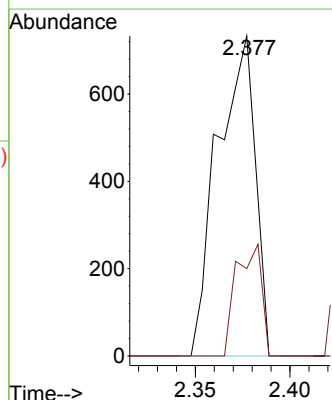
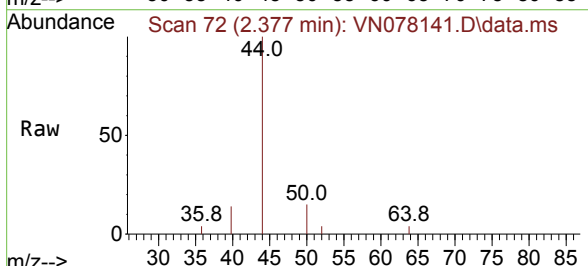
Acq: 09 Jun 2023 13:23

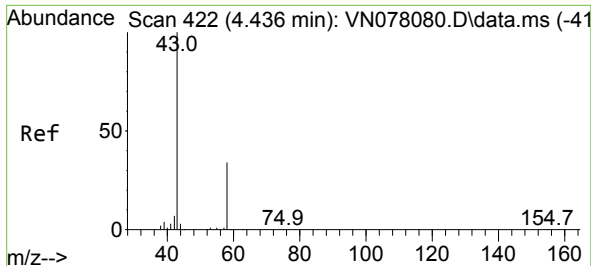
Tgt Ion: 50 Resp: 1012

Ion Ratio Lower Upper

50 100

52 27.3 26.5 39.7

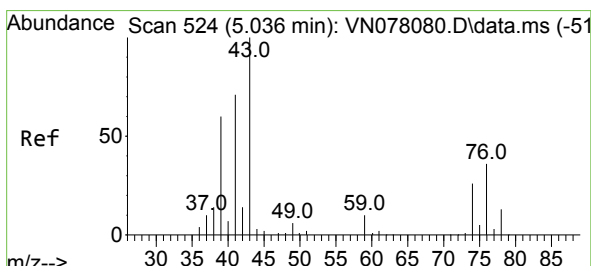
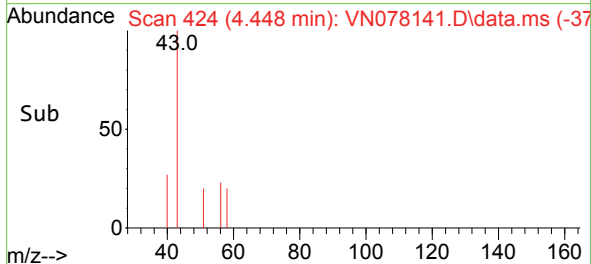
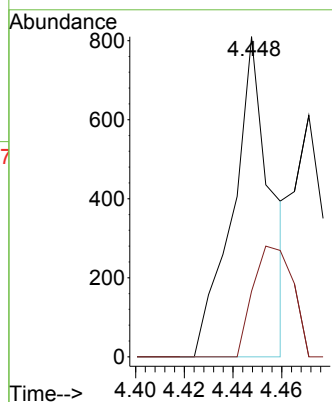
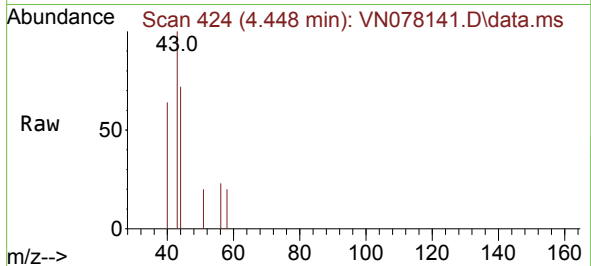




#16
Acetone
Concen: 0.462 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

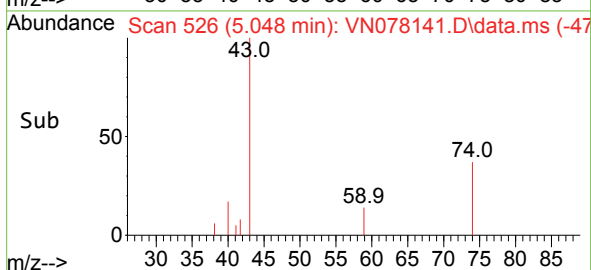
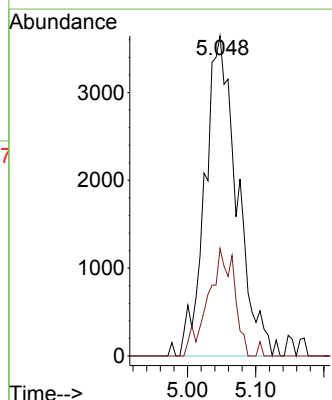
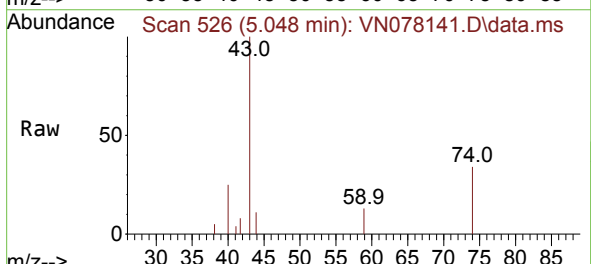
Instrument :
MSVOA_N
ClientSampleId :

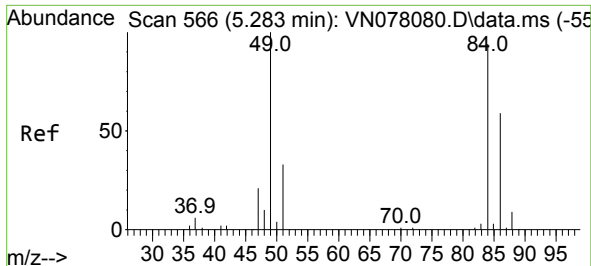
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
58 20.5 28.0 42.0#



#18
Methyl Acetate
Concen: 1.384 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

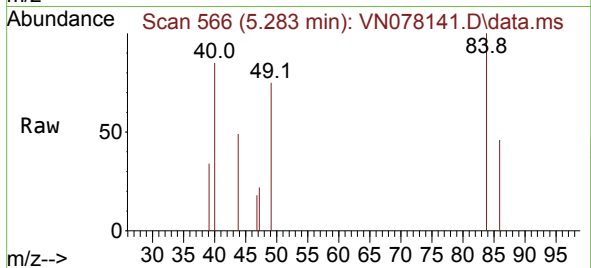
Tgt Ion: 43 Resp: 11973
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4



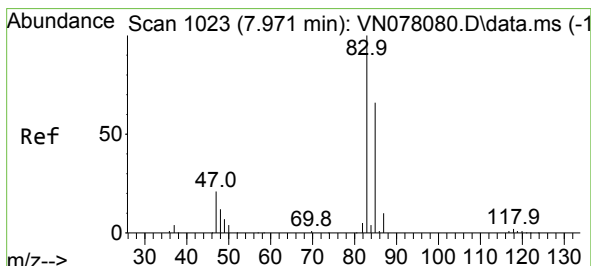
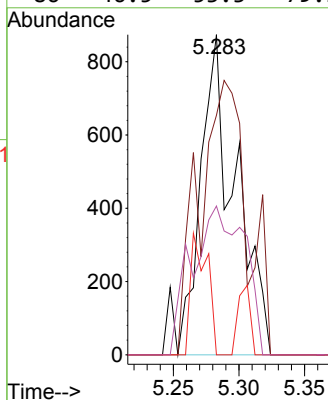
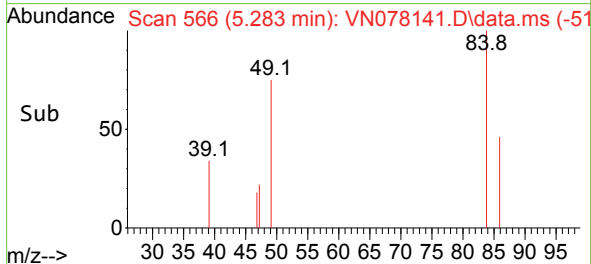


#20
Methylene Chloride
Concen: 0.259 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :

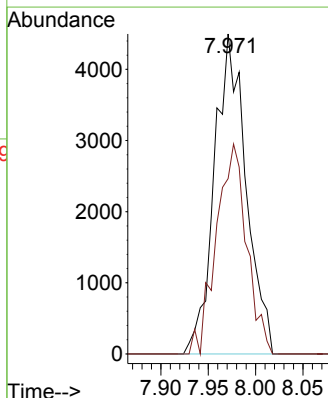
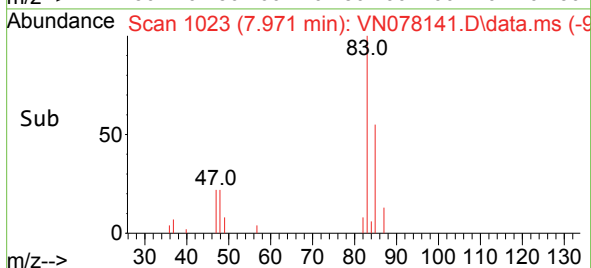
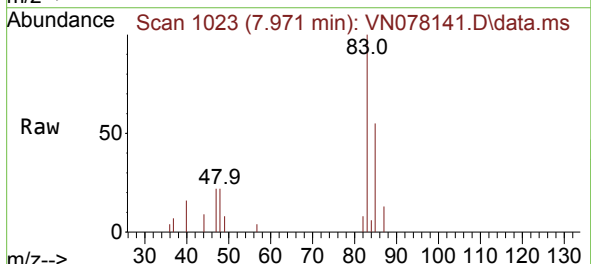


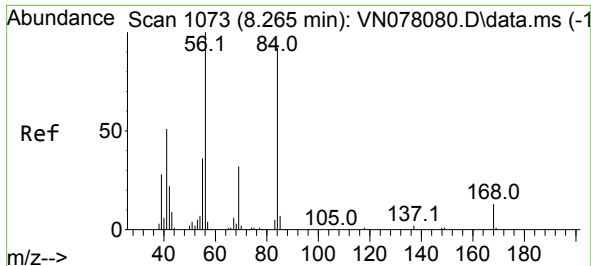
Tgt Ion: 84	Resp: 1607
Ion Ratio	Lower Upper
84	100
49	74.8 79.7 119.5#
51	0.0 25.2 37.8#
86	46.5 53.3 79.9#



#30
Chloroform
Concen: 0.959 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

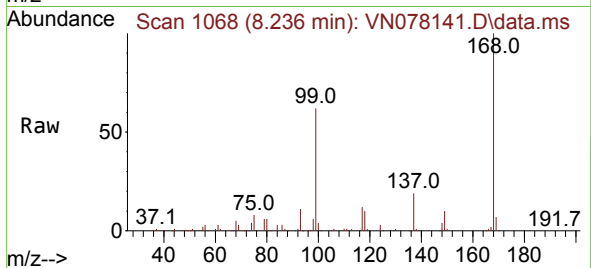
Tgt Ion: 83	Resp: 10455
Ion Ratio	Lower Upper
83	100
85	54.8 55.4 83.0#



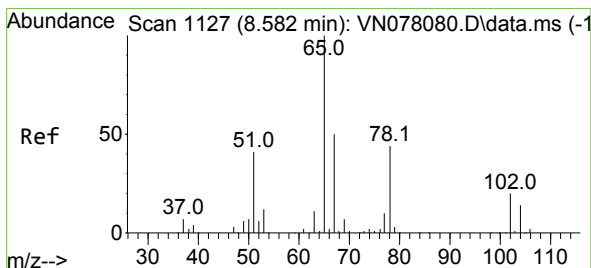
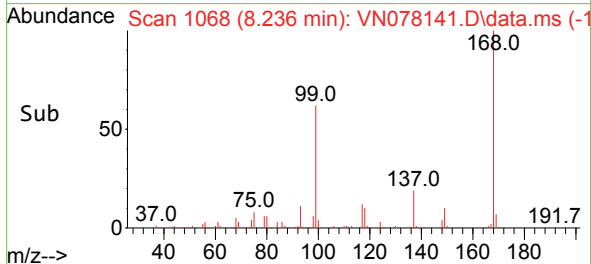
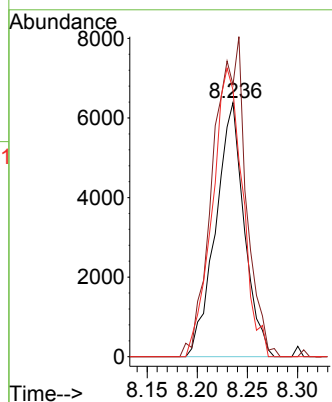


#31
Cyclohexane
Concen: 1.514 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :

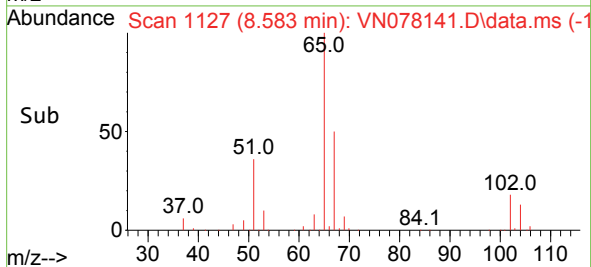
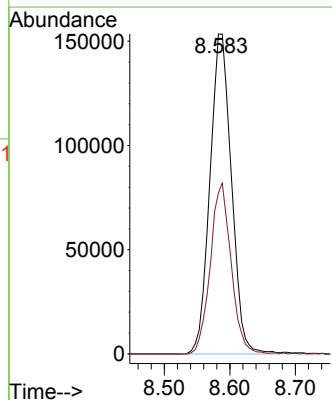
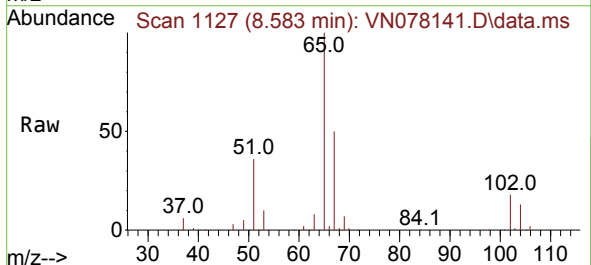


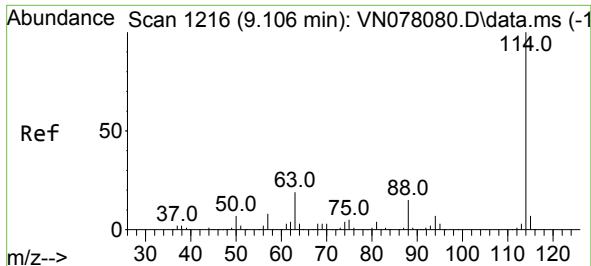
Tgt Ion: 56 Resp: 12672
Ion Ratio Lower Upper
56 100
69 107.0 26.8 40.2#
84 104.9 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 53.604 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Tgt Ion: 65 Resp: 349839
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6

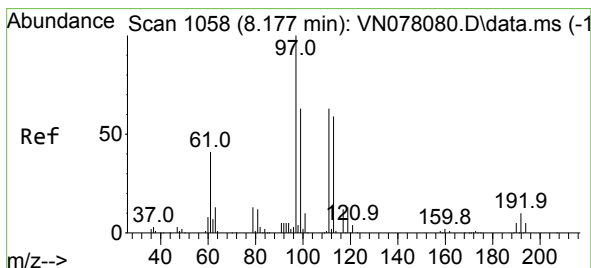
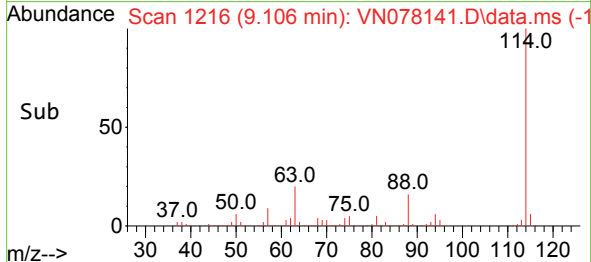
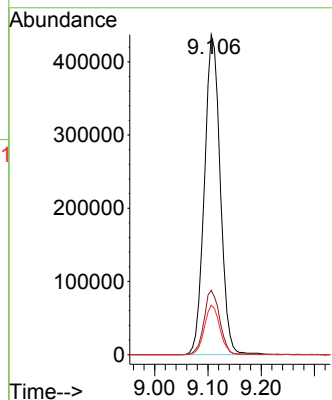
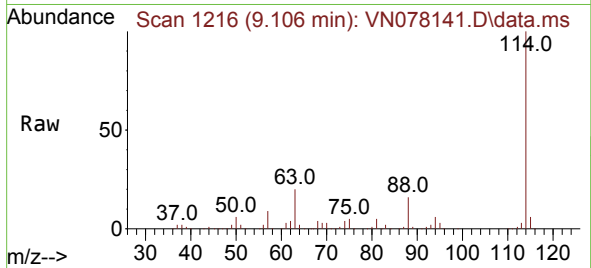




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

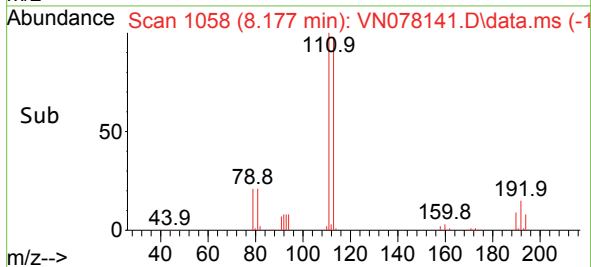
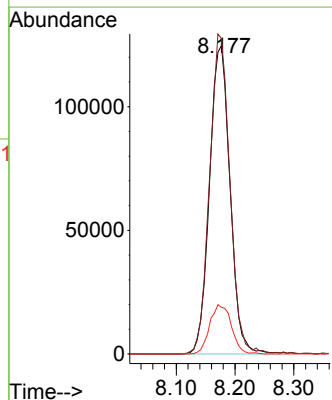
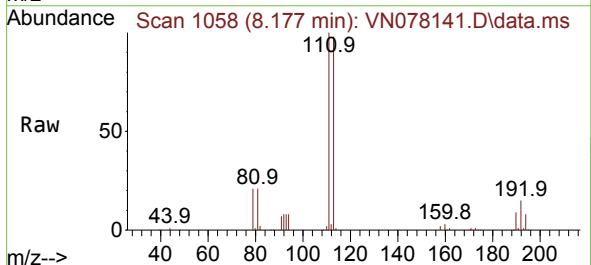
Instrument :
MSVOA_N
ClientSampleId :

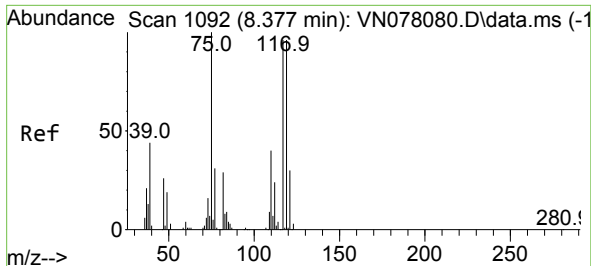
Tgt Ion:114 Resp: 900231
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.097 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Tgt Ion:113 Resp: 302230
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 16.9 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.120 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN078141.D

Acq: 09 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

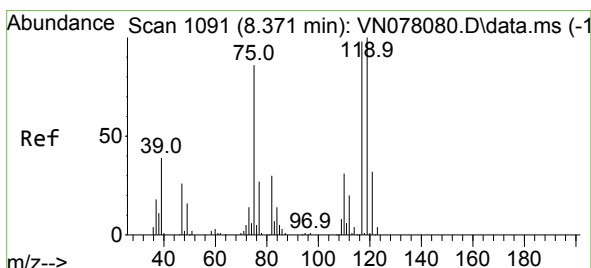
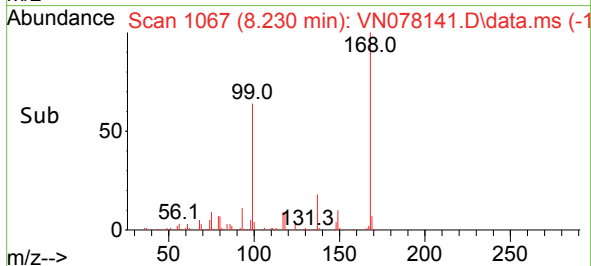
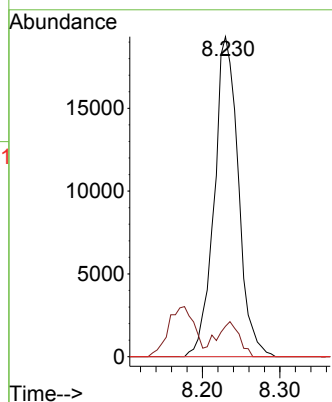
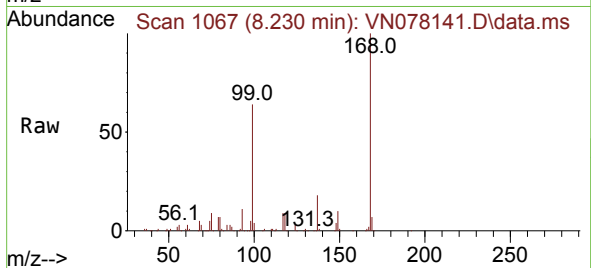
Tgt Ion: 75 Resp: 41801

Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.285 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VN078141.D

Acq: 09 Jun 2023 13:23

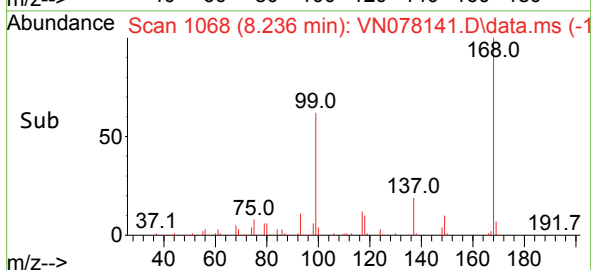
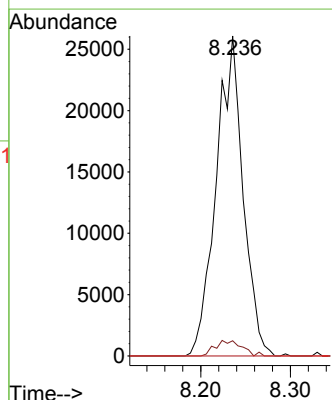
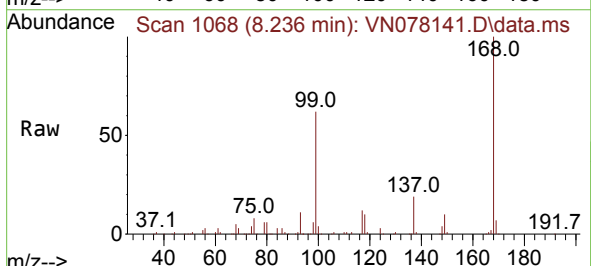
Tgt Ion: 117 Resp: 54187

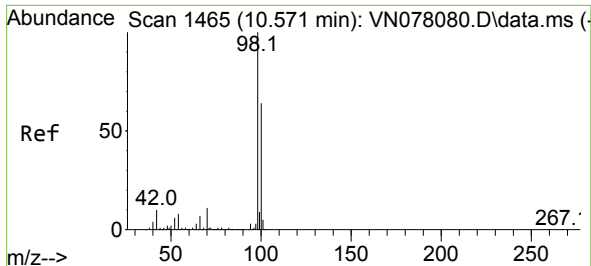
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

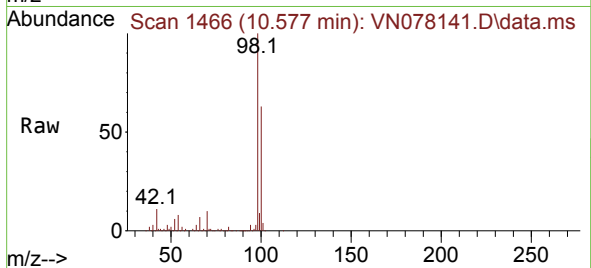
121 0.0 23.3 34.9#



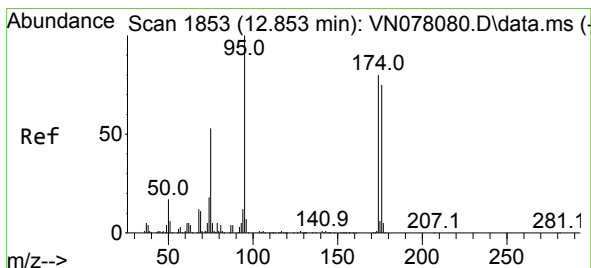
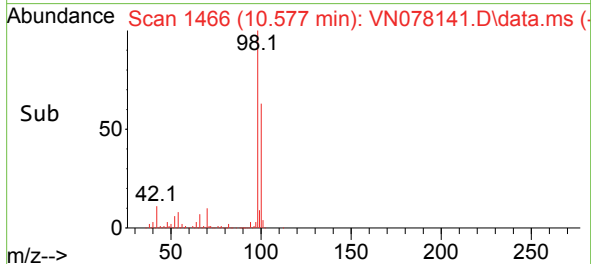
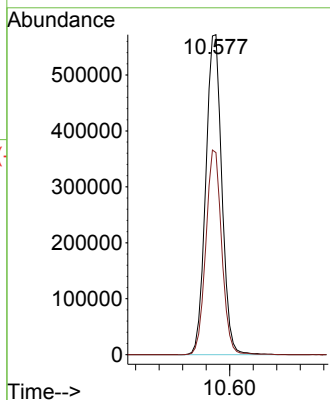


#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :

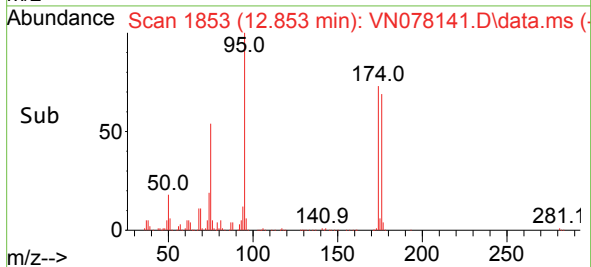
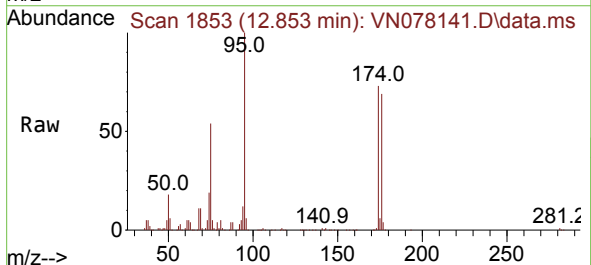
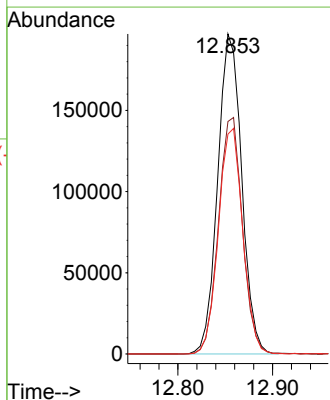


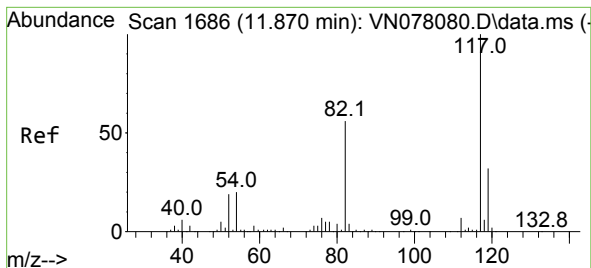
Tgt Ion: 98 Resp: 1082547
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.909 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

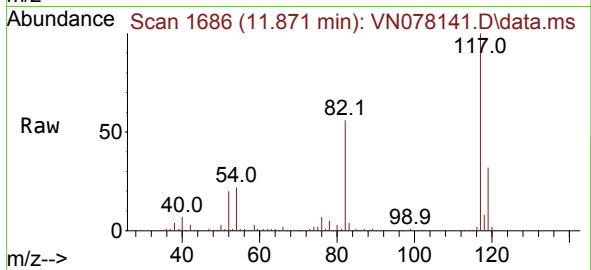
Tgt Ion: 95 Resp: 347281
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.4 0.0 135.8



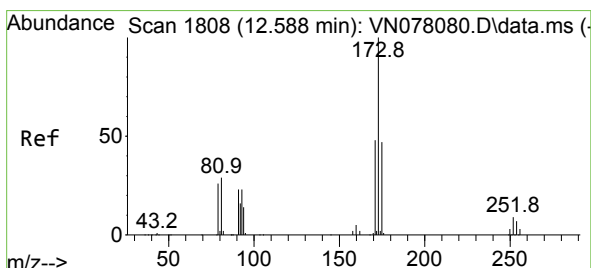
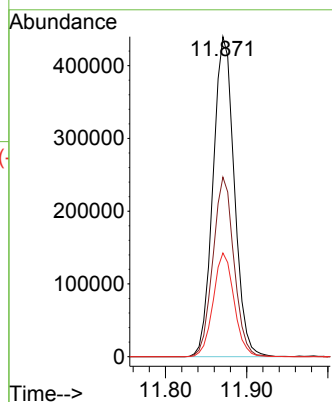
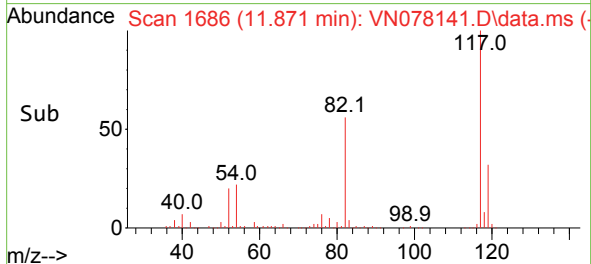


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

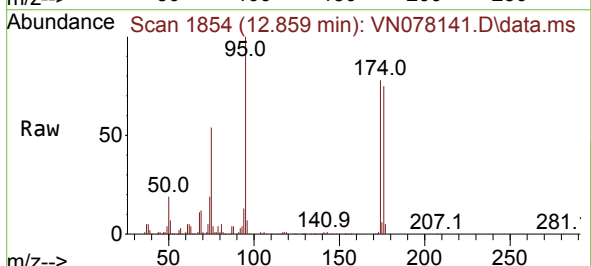
Instrument :
MSVOA_N
ClientSampleId :



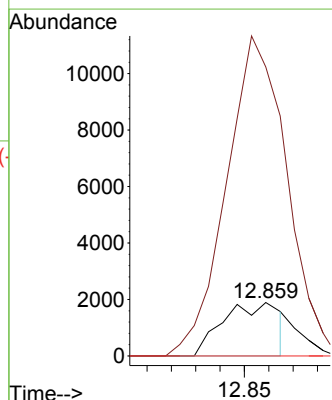
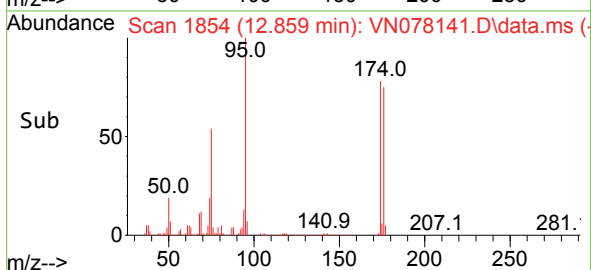
Tgt Ion:117 Resp: 800851
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.4 25.6 38.4

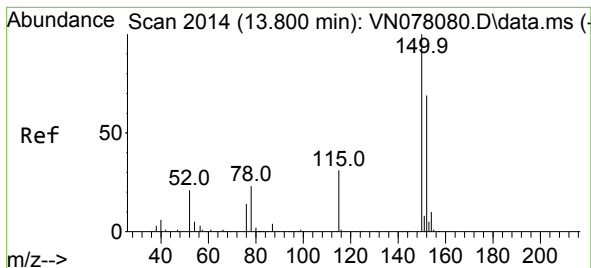


#71
Bromoform
Concen: 0.760 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.271 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23



Tgt Ion:173 Resp: 3093
Ion Ratio Lower Upper
173 100
175 545.7 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078141.D

Acq: 09 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

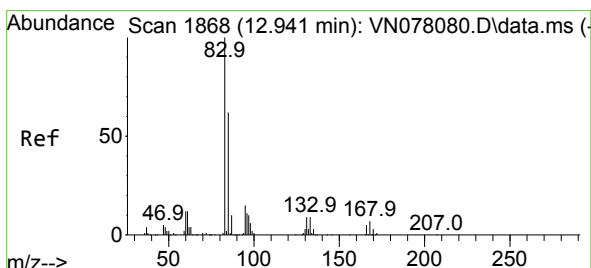
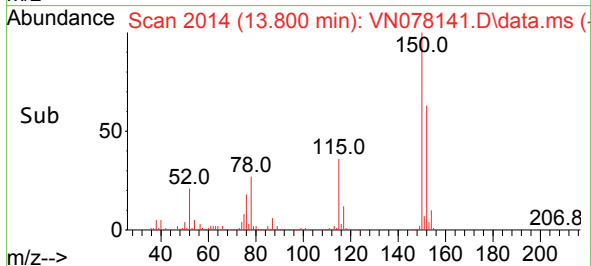
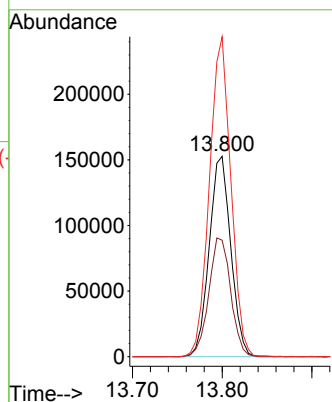
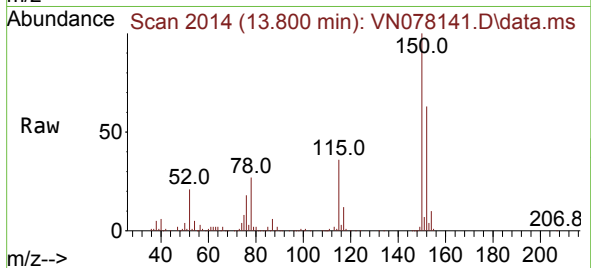
Tgt Ion:152 Resp: 254790

Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 158.5 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.871 min Scan# 1856

Delta R.T. -0.070 min

Lab File: VN078141.D

Acq: 09 Jun 2023 13:23

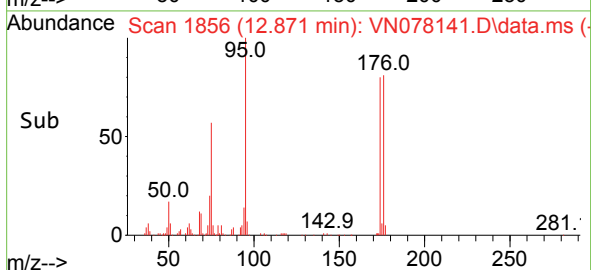
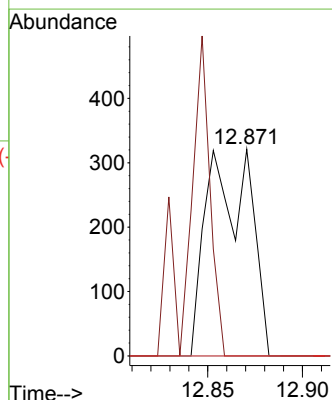
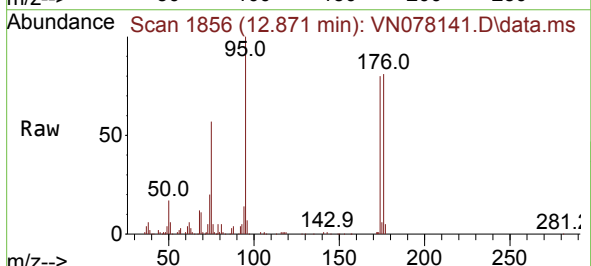
Tgt Ion: 83 Resp: 504

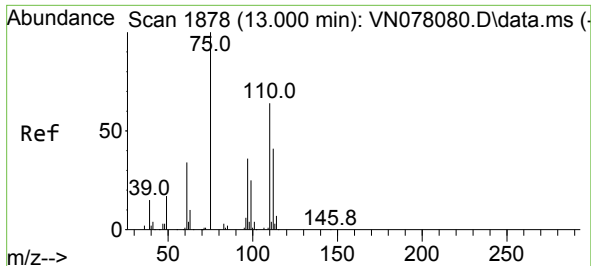
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

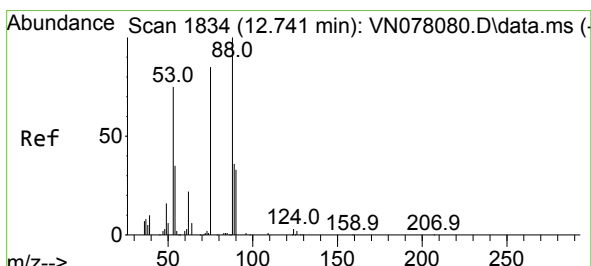
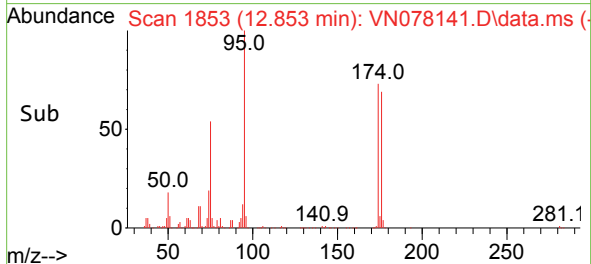
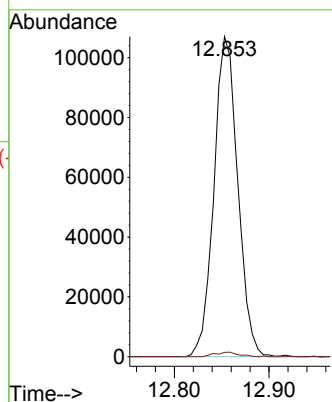
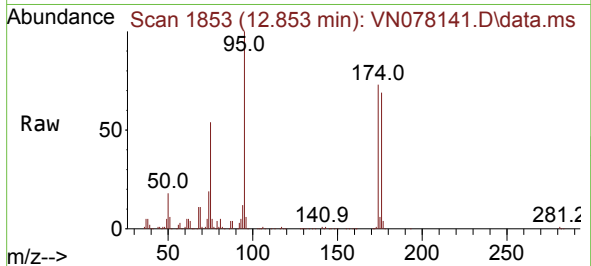




#76
1,2,3-Trichloropropane
Concen: 31.063 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 187101
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.434 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078141.D
Acq: 09 Jun 2023 13:23

Tgt Ion: 75 Resp: 187101
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

