

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080812.D
 Acq On : 30 Jan 2024 14:01
 Operator : JC\MD
 Sample : P1290-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-195-TB-20240125

Quant Time: Jan 31 02:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

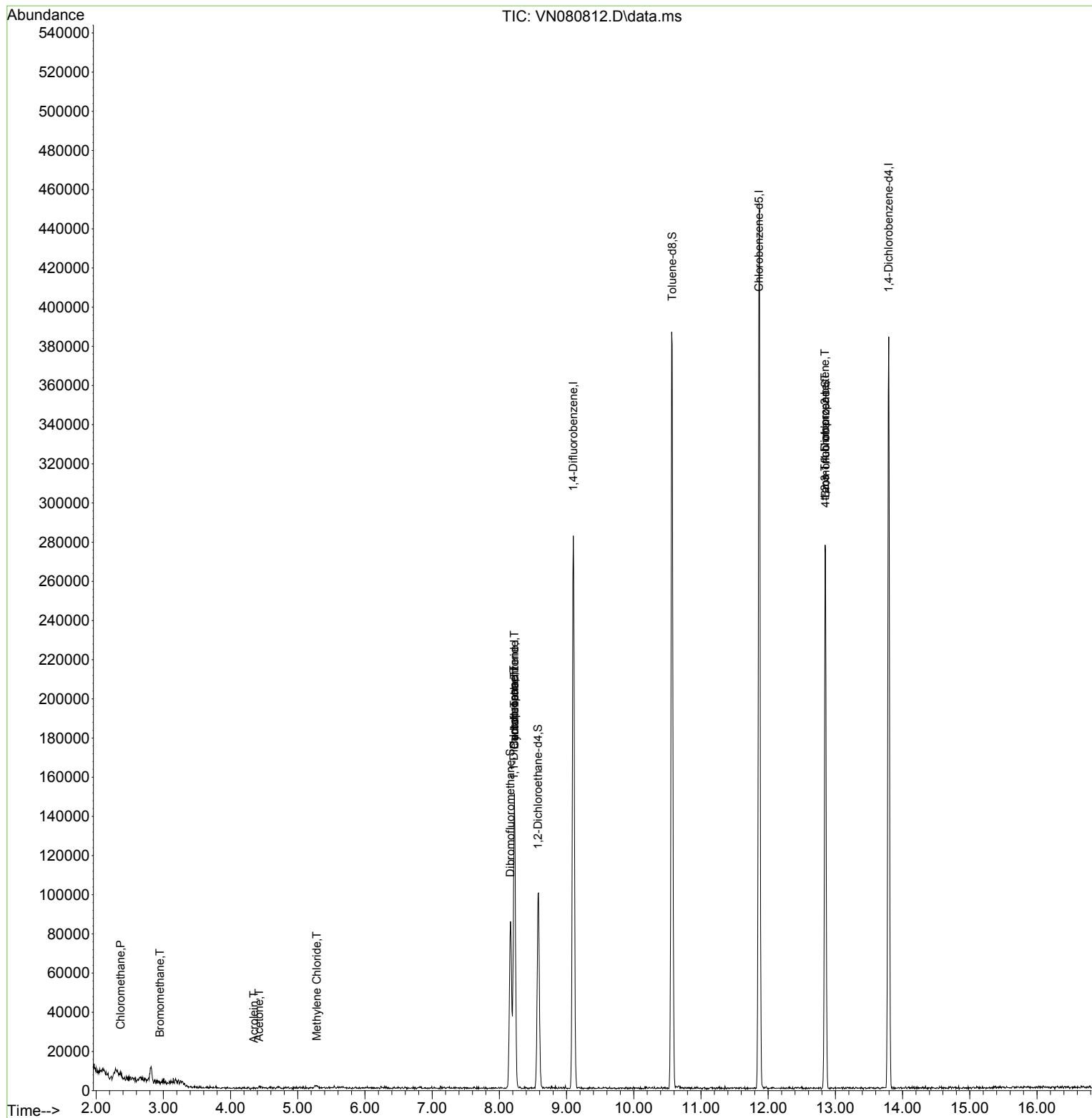
Internal Standards						
1) Pentafluorobenzene	8.224	168	93536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	226295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	75630	46.739	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.480%		
35) Dibromofluoromethane	8.165	113	60235	43.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.020%		
50) Toluene-d8	10.571	98	249825	46.104	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.200%		
62) 4-Bromofluorobenzene	12.853	95	92591	49.034	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.060%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1681	0.805	ug/l #	66
5) Bromomethane	2.948	94	131	0.206	ug/l #	6
13) Acrolein	4.347	56	74	0.222	ug/l #	15
16) Acetone	4.424	43	695	1.184	ug/l #	44
20) Methylene Chloride	5.283	84	460	0.299	ug/l #	63
31) Cyclohexane	8.224	56	3799	1.369	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	10691	4.155	ug/l #	46
38) Carbon Tetrachloride	8.224	117	10655	5.139	ug/l #	22
76) 1,2,3-Trichloropropane	12.847	75	54622	20.772	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54622	53.513	ug/l #	14

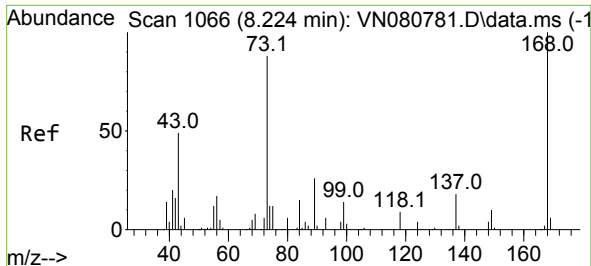
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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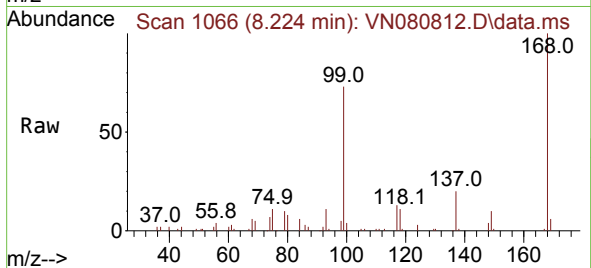
Quant Time: Jan 31 02:10:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration



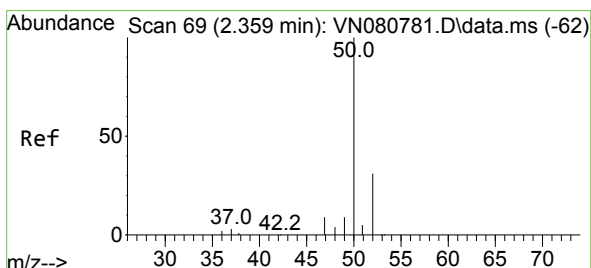
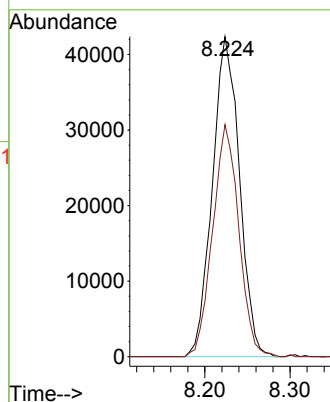
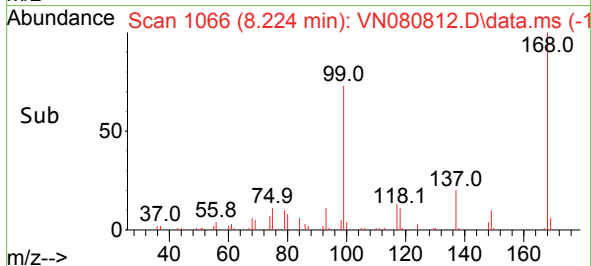


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

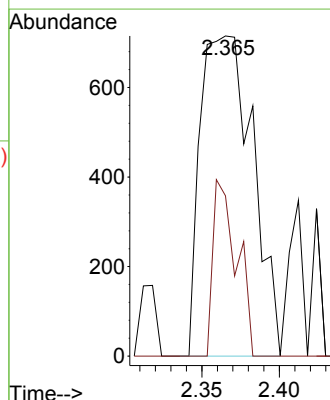
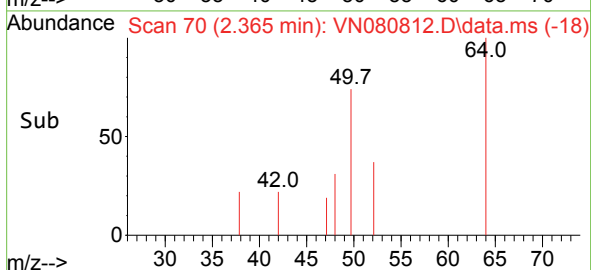
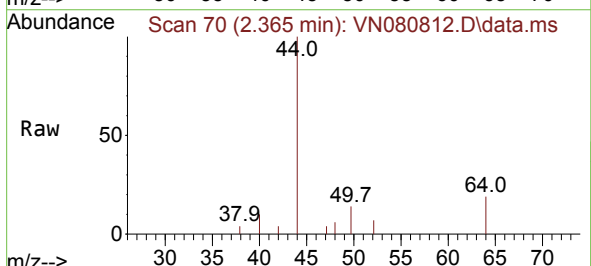


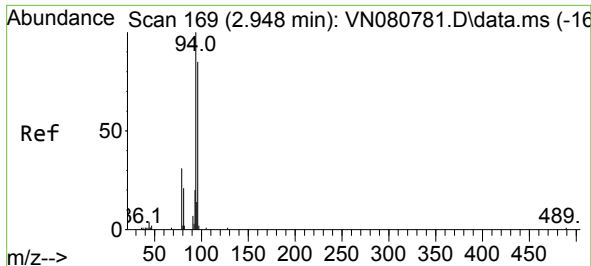
Tgt Ion:168 Resp: 93536
Ion Ratio Lower Upper
168 100
99 72.5 59.9 89.9



#3
Chloromethane
Concen: 0.805 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion: 50 Resp: 1681
Ion Ratio Lower Upper
50 100
52 50.1 25.0 37.4#

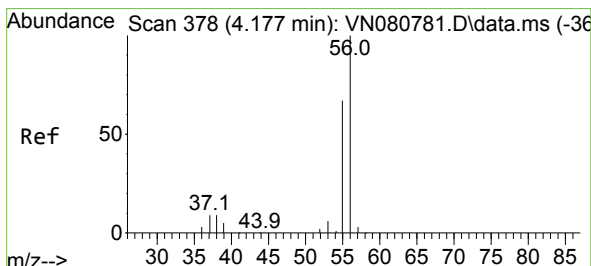
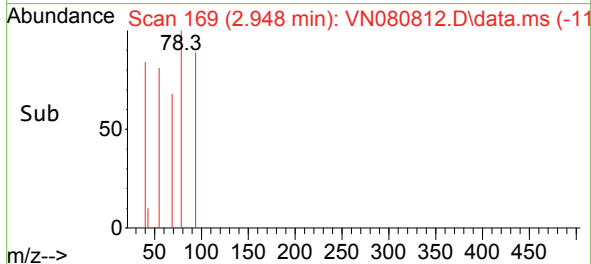
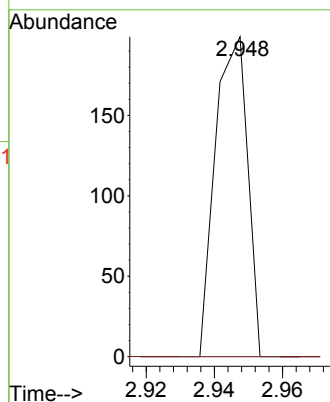
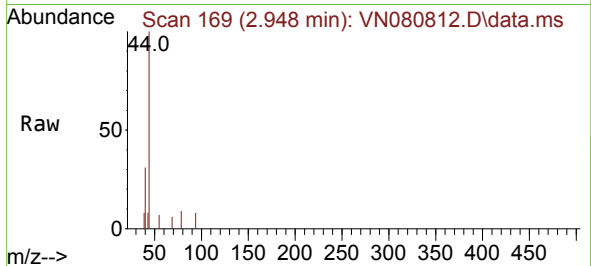




#5
Bromomethane
Concen: 0.206 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

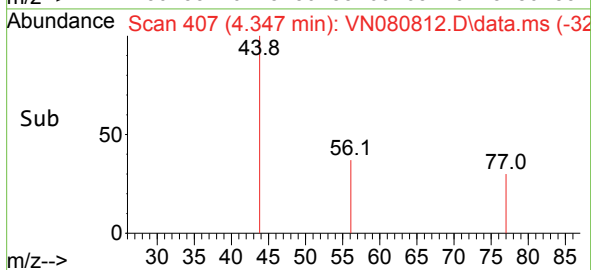
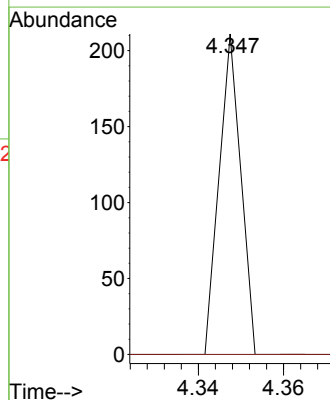
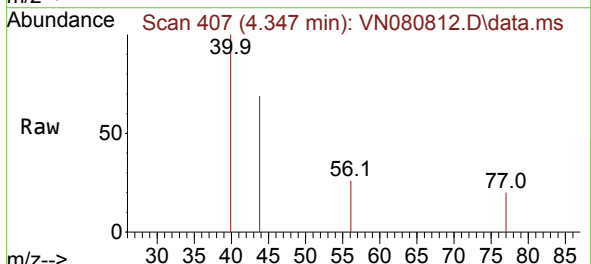
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

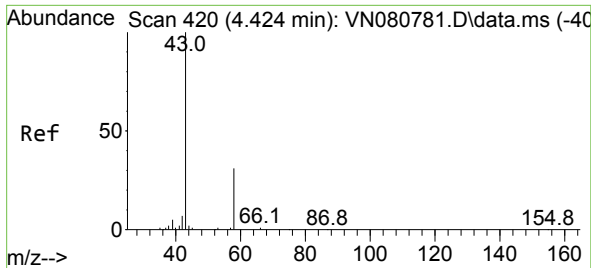
Tgt Ion: 94 Resp: 131
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#13
Acrolein
Concen: 0.222 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.171 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 1.184 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

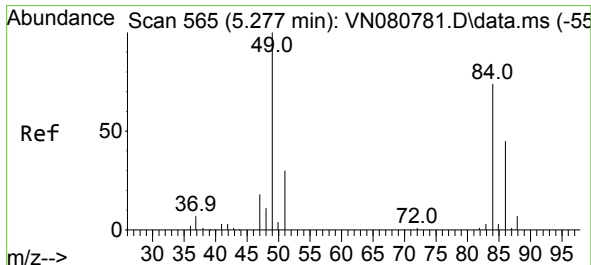
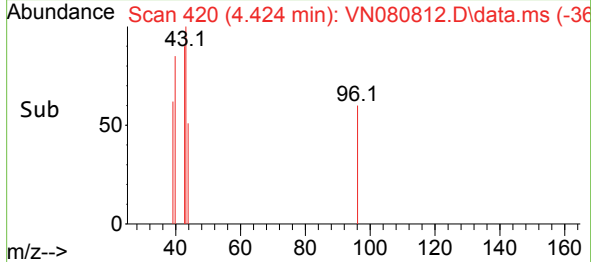
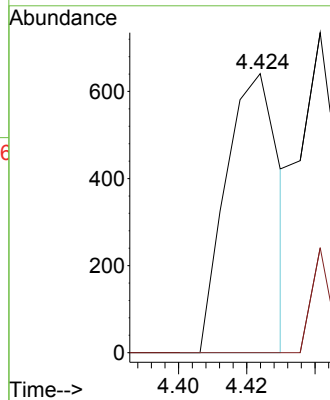
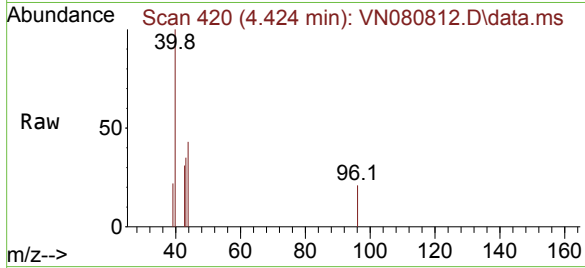
BP-VPB-195-TB-20240125

Tgt Ion: 43 Resp: 695

Ion Ratio Lower Upper

43 100

58 0.0 24.8 37.2#



#20

Methylene Chloride

Concen: 0.299 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Tgt Ion: 84 Resp: 460

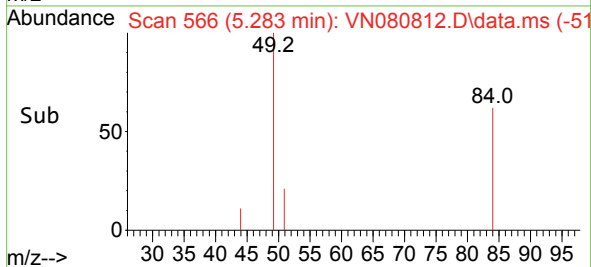
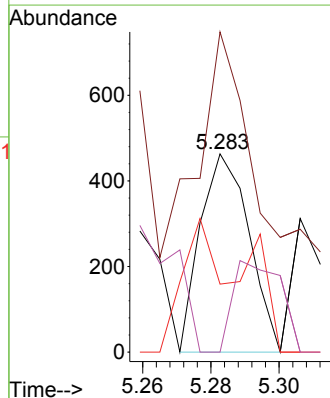
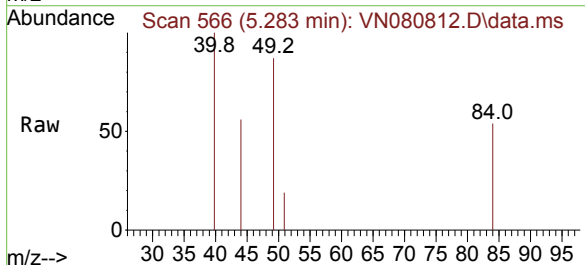
Ion Ratio Lower Upper

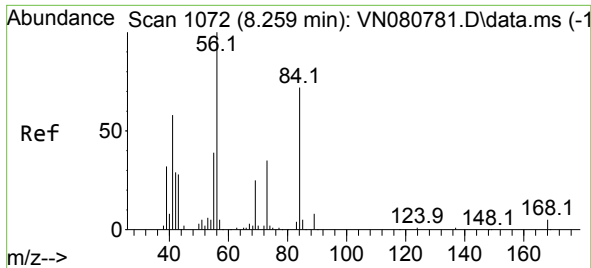
84 100

49 103.7 108.1 162.1#

51 34.3 32.9 49.3

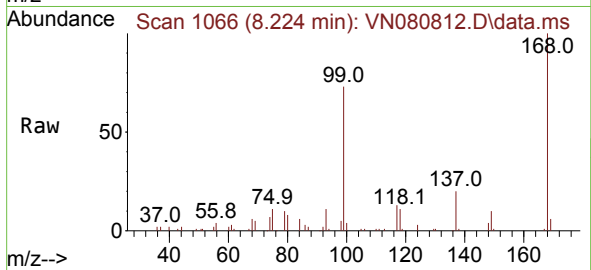
86 0.0 48.6 73.0#



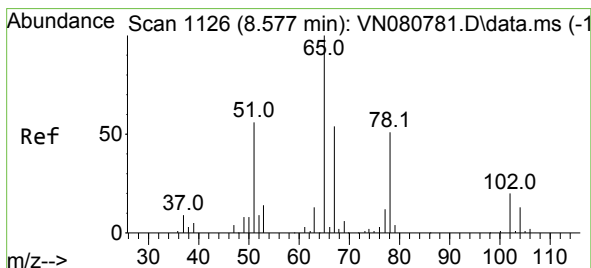
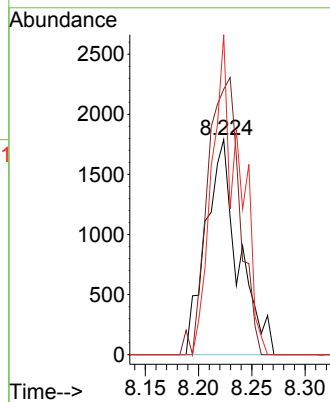
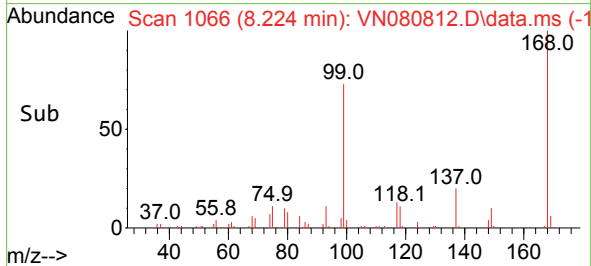


#31
Cyclohexane
Concen: 1.369 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

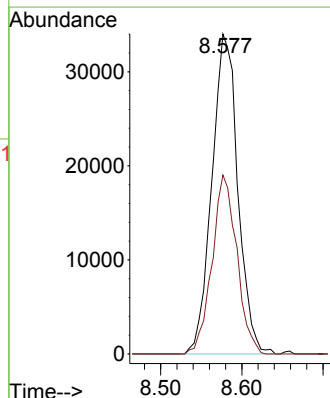
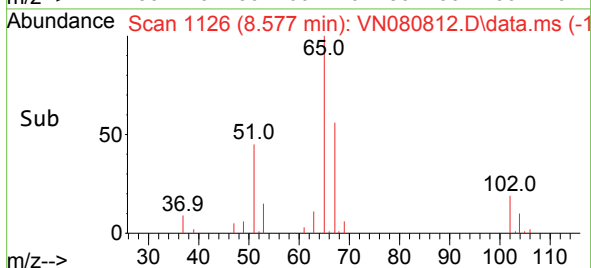
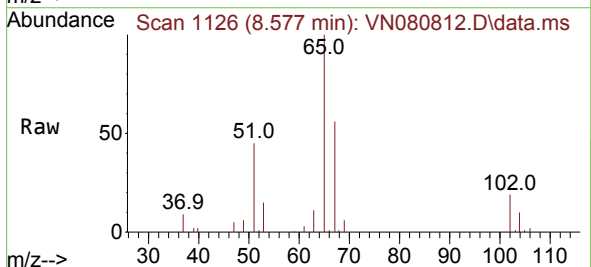


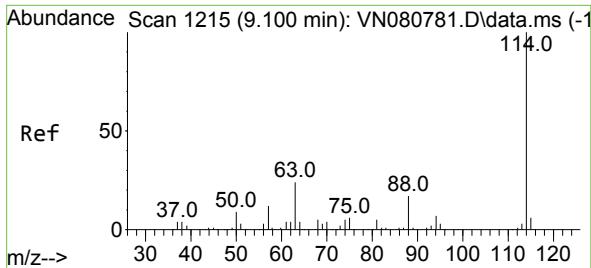
Tgt Ion: 56 Resp: 3799
Ion Ratio Lower Upper
56 100
69 123.5 20.1 30.1#
84 148.9 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 46.739 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion: 65 Resp: 75630
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.4

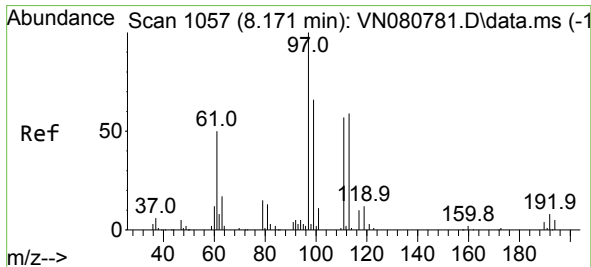
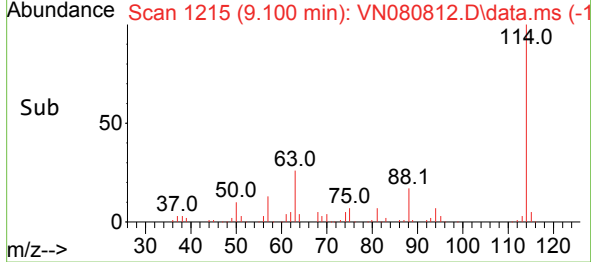
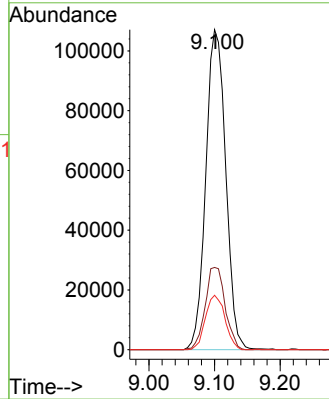
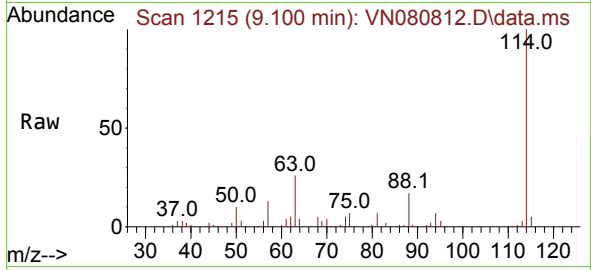




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

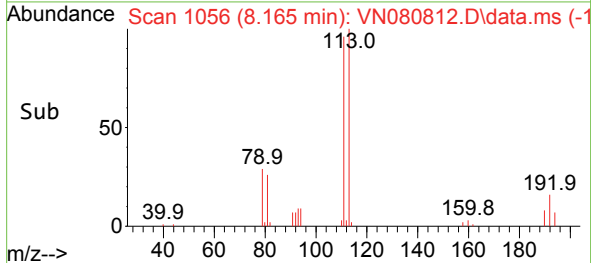
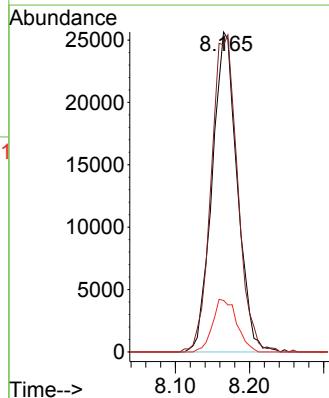
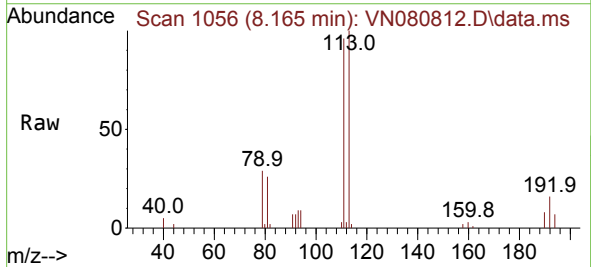
Instrument :
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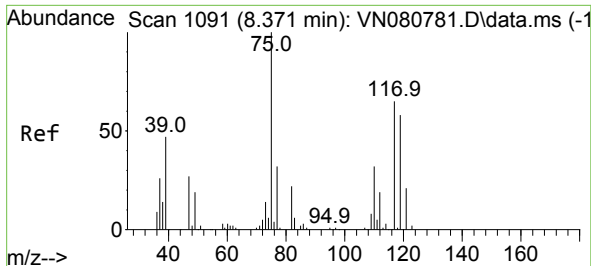
Tgt Ion:114 Resp: 226295
Ion Ratio Lower Upper
114 100
63 25.7 0.0 48.0
88 17.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 43.507 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion:113 Resp: 60235
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.9 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.155 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN080812.D

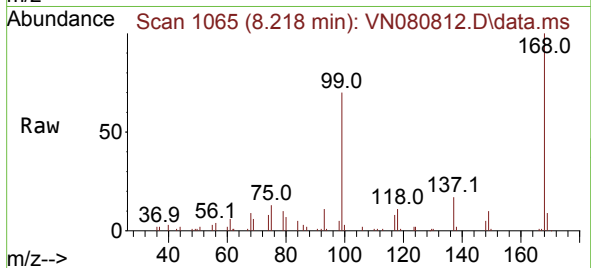
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-TB-20240125



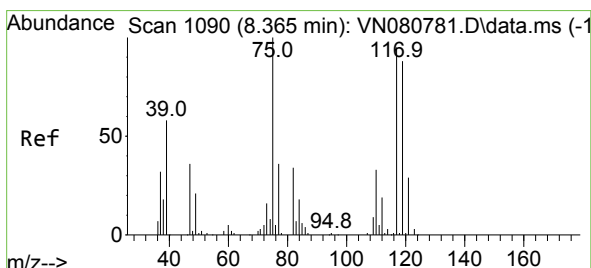
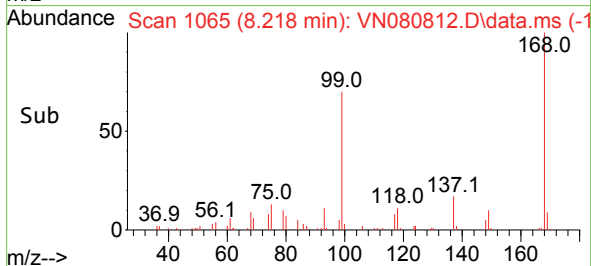
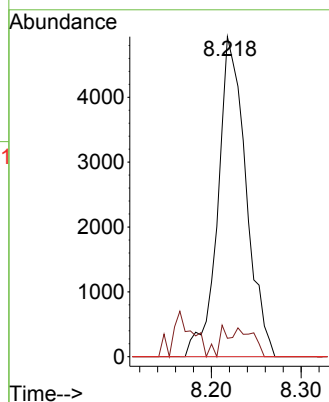
Tgt Ion: 75 Resp: 10691

Ion Ratio Lower Upper

75 100

110 3.5 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.139 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

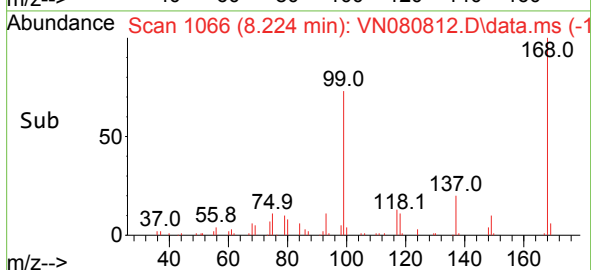
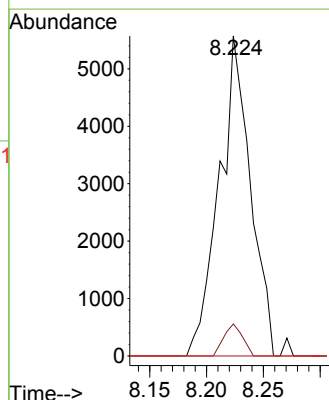
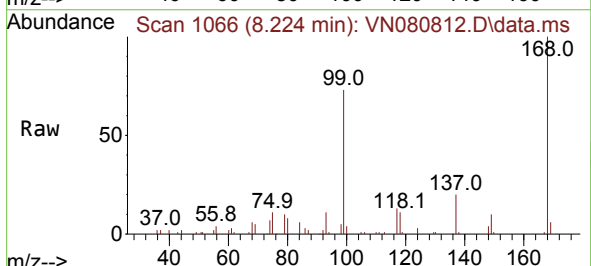
Tgt Ion: 117 Resp: 10655

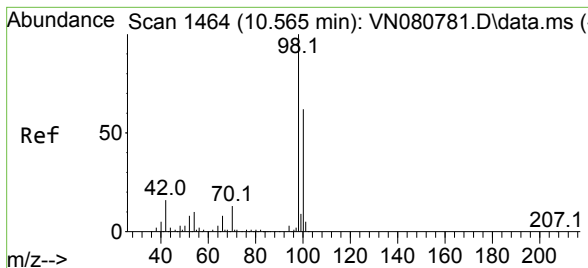
Ion Ratio Lower Upper

117 100

119 10.0 73.4 110.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.104 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

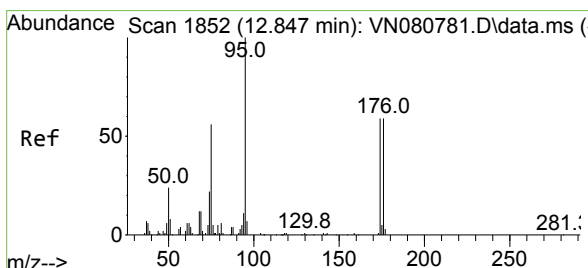
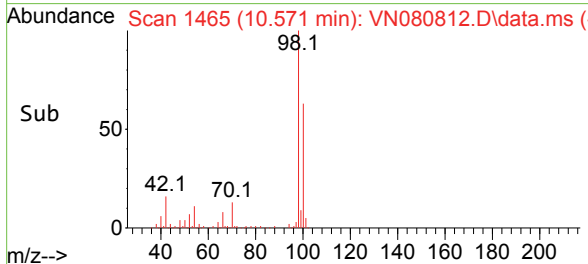
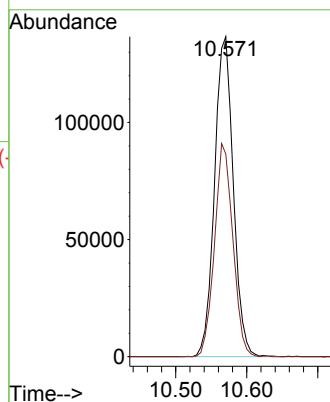
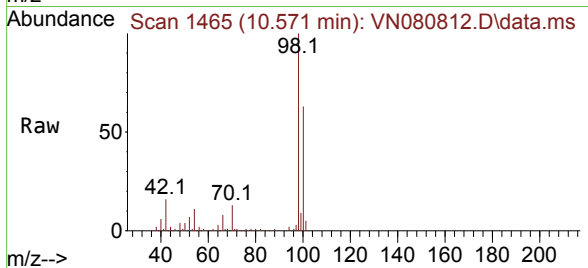
BP-VPB-195-TB-20240125

Tgt Ion: 98 Resp: 249825

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.034 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

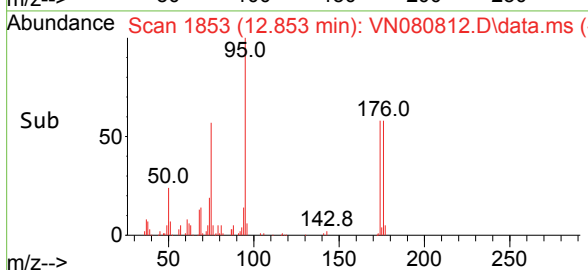
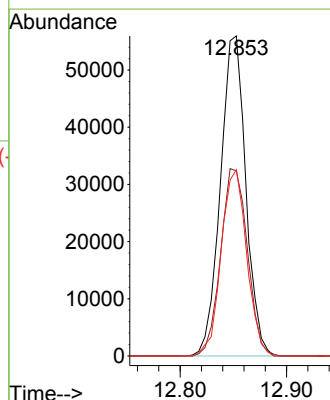
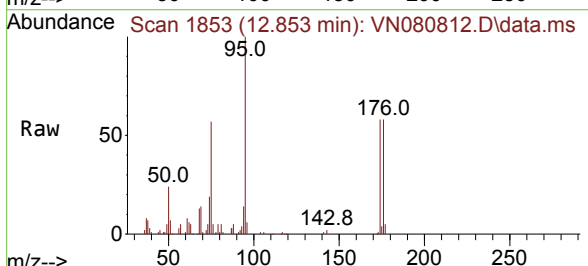
Tgt Ion: 95 Resp: 92591

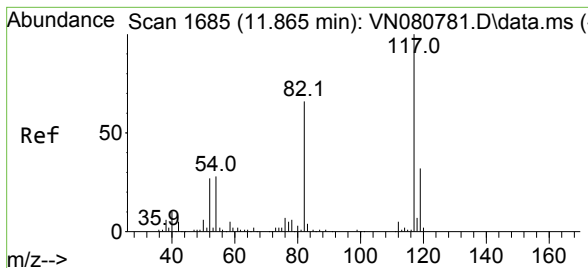
Ion Ratio Lower Upper

95 100

174 61.7 0.0 120.4

176 58.4 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-195-TB-20240125

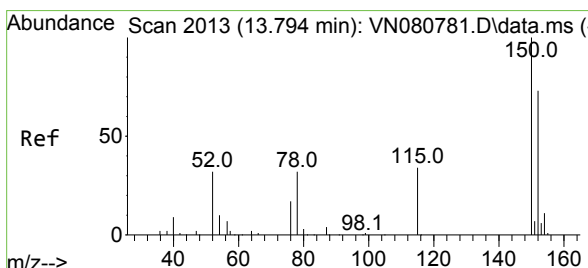
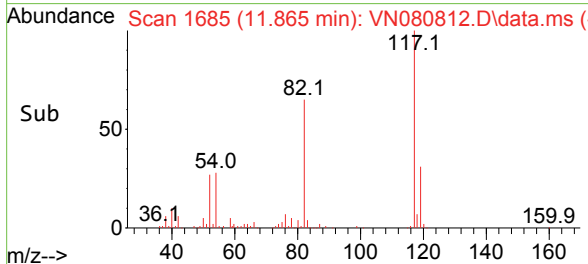
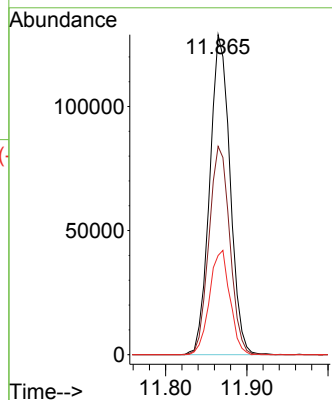
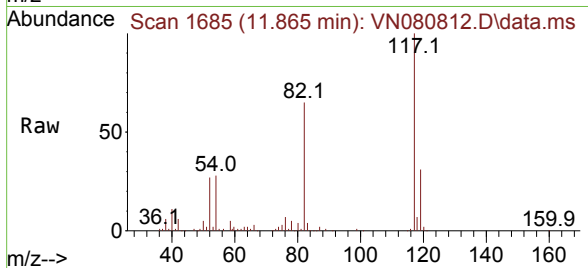
Tgt Ion:117 Resp: 224050

Ion Ratio Lower Upper

117 100

82 65.1 52.7 79.1

119 31.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080812.D

Acq: 30 Jan 2024 14:01

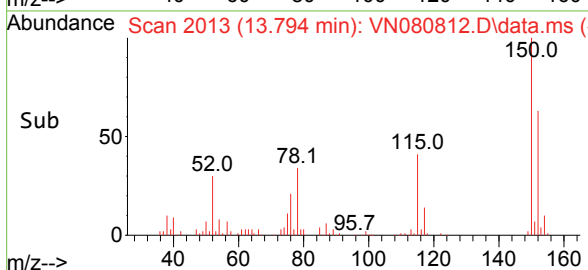
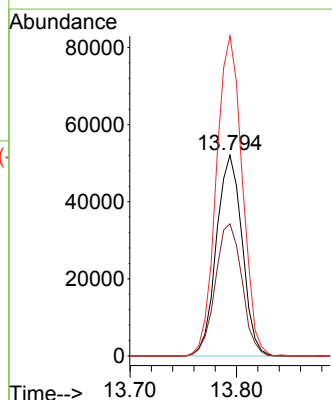
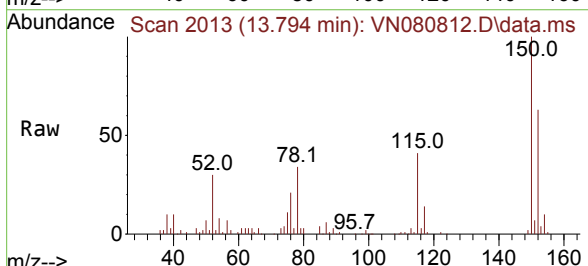
Tgt Ion:152 Resp: 87187

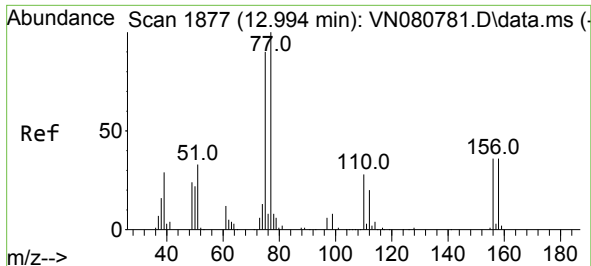
Ion Ratio Lower Upper

152 100

115 68.3 32.3 96.8

150 161.0 0.0 339.8

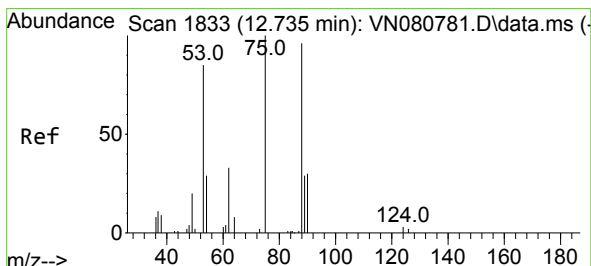
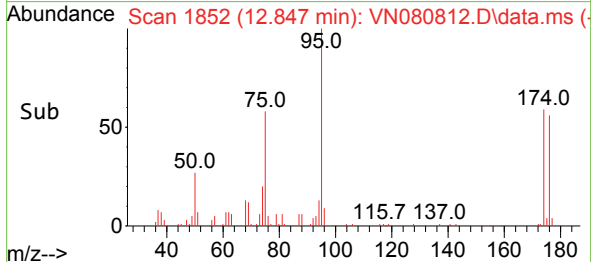
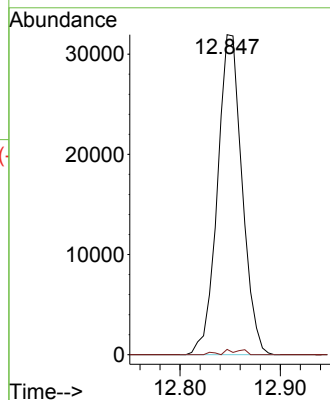
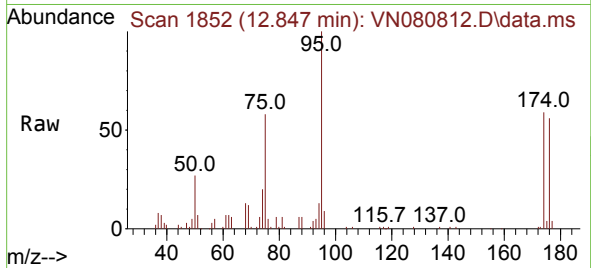




#76
1,2,3-Trichloropropane
Concen: 20.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-195-TB-20240125

Tgt Ion: 75 Resp: 54622
Ion Ratio Lower Upper
75 100
77 1.3 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.513 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080812.D
Acq: 30 Jan 2024 14:01

Tgt Ion: 75 Resp: 54622
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

