

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110323\  
 Data File : VN079839.D  
 Acq On : 03 Nov 2023 11:06  
 Operator : JC\MD  
 Sample : VN1103MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1103MBL01

Quant Time: Nov 04 00:48:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

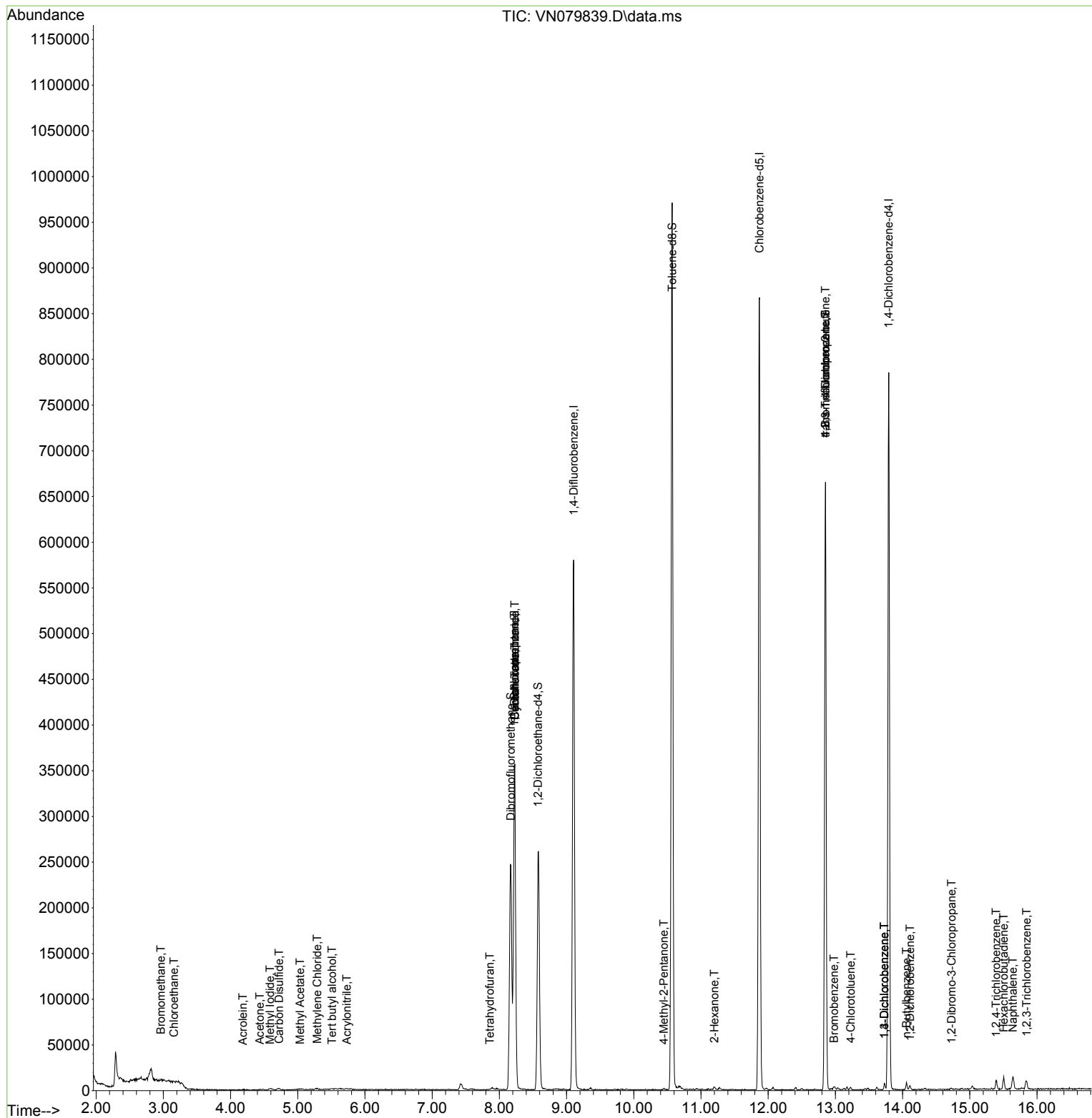
| Compound                      | R.T.           | QIon | Response            | Conc          | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------------|-------|----------|
| -----                         |                |      |                     |               |       |          |
| Internal Standards            |                |      |                     |               |       |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 250556              | 50.000        | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 481695              | 50.000        | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 494716              | 50.000        | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 201584              | 50.000        | ug/l  | 0.00     |
|                               |                |      |                     |               |       |          |
| System Monitoring Compounds   |                |      |                     |               |       |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 217824              | 57.062        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 114.120% |               |       |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 180114              | 52.831        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 105.660% |               |       |          |
| 50) Toluene-d8                | 10.571         | 98   | 643018              | 51.234        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 102.460% |               |       |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 218824              | 52.571        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 105.140% |               |       |          |
|                               |                |      |                     |               |       |          |
| Target Compounds              |                |      |                     |               |       | Qvalue   |
| 3) Chloromethane              | 2.365          | 50   | 1396                | Below Cal     |       | 89       |
| 5) Bromomethane               | 2.965          | 94   | 1013                | 0.422 ug/l #  |       | 79       |
| 6) Chloroethane               | 3.159          | 64   | 1144                | 0.366 ug/l #  |       | 43       |
| 10) Methyl Iodide             | 4.589          | 142  | 1559                | 0.479 ug/l #  |       | 81       |
| 11) Tert butyl alcohol        | 5.512          | 59   | 179                 | 0.367 ug/l #  |       | 72       |
| 13) Acrolein                  | 4.183          | 56   | 255                 | 3.126 ug/l    |       | 86       |
| 15) Acrylonitrile             | 5.730          | 53   | 892                 | 0.587 ug/l #  |       | 79       |
| 16) Acetone                   | 4.436          | 43   | 614                 | 0.458 ug/l #  |       | 40       |
| 17) Carbon Disulfide          | 4.724          | 76   | 4722                | 0.607 ug/l #  |       | 75       |
| 18) Methyl Acetate            | 5.036          | 43   | 1314                | 0.205 ug/l #  |       | 50       |
| 20) Methylene Chloride        | 5.289          | 84   | 734                 | 0.217 ug/l #  |       | 80       |
| 29) Tetrahydrofuran           | 7.859          | 42   | 396                 | 0.310 ug/l #  |       | 20       |
| 31) Cyclohexane               | 8.230          | 56   | 6575                | 1.303 ug/l #  |       | 1        |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 21794               | 4.477 ug/l #  |       | 47       |
| 38) Carbon Tetrachloride      | 8.230          | 117  | 26689               | 5.440 ug/l #  |       | 15       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 1556                | 0.353 ug/l #  |       | 66       |
| 59) 2-Hexanone                | 11.200         | 43   | 2474                | 0.734 ug/l    |       | 73       |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 121939              | 25.766 ug/l # |       | 1        |
| 77) Bromobenzene              | 12.982         | 156  | 788                 | 0.210 ug/l #  |       | 53       |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 121939              | 70.103 ug/l # |       | 15       |
| 82) 4-Chlorotoluene           | 13.229         | 91   | 2256                | 0.203 ug/l    |       | 91       |
| 87) 1,3-Dichlorobenzene       | 13.729         | 146  | 1895                | 0.272 ug/l    |       | 95       |
| 88) 1,4-Dichlorobenzene       | 13.729         | 146  | 1895                | 0.268 ug/l    |       | 97       |
| 89) n-Butylbenzene            | 14.059         | 91   | 4436                | 0.468 ug/l    |       | 96       |
| 91) 1,2-Dichlorobenzene       | 14.112         | 146  | 1991                | 0.303 ug/l    |       | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729         | 75   | 369                 | 0.401 ug/l #  |       | 61       |
| 93) 1,2,4-Trichlorobenzene    | 15.394         | 180  | 3356                | 1.073 ug/l    |       | 95       |
| 94) Hexachlorobutadiene       | 15.506         | 225  | 2640                | 1.862 ug/l    |       | 90       |
| 95) Naphthalene               | 15.641         | 128  | 13745               | 1.296 ug/l #  |       | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.847         | 180  | 3730                | 1.217 ug/l    |       | 100      |
| -----                         |                |      |                     |               |       |          |

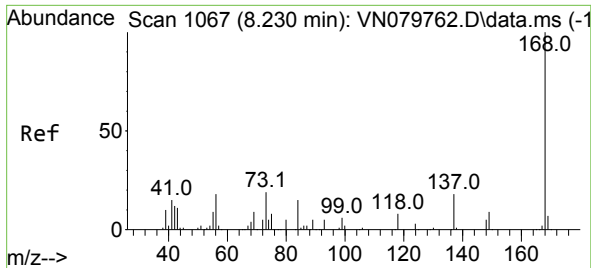
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN1103MBL01  
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Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration

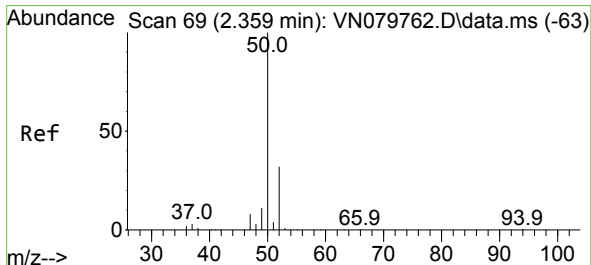
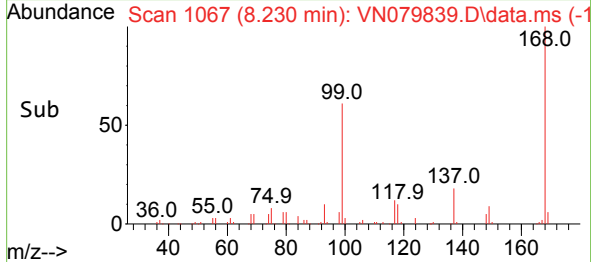
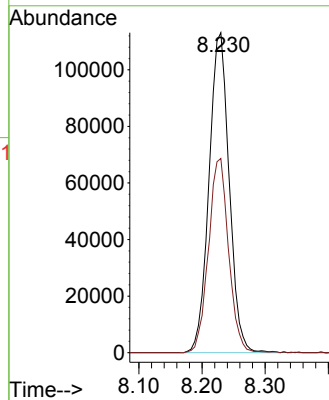
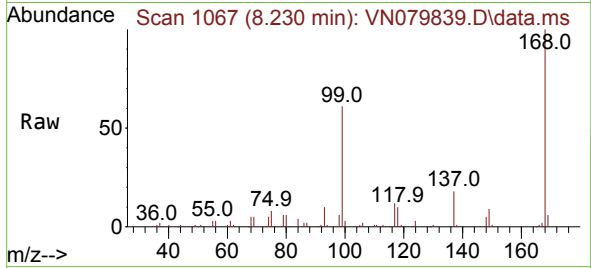




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

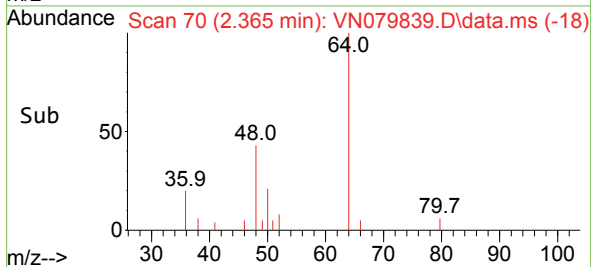
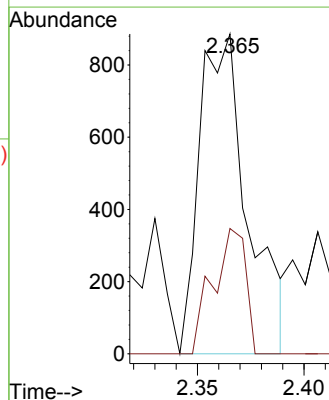
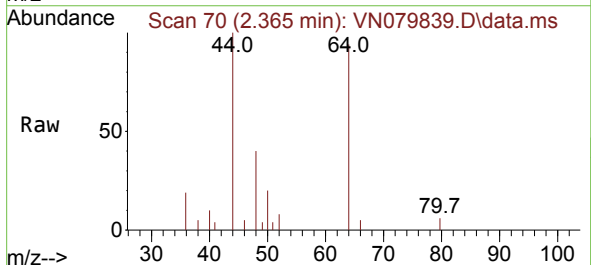
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

Tgt Ion:168 Resp: 250556  
Ion Ratio Lower Upper  
168 100  
99 60.7 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 50 Resp: 1396  
Ion Ratio Lower Upper  
50 100  
52 39.2 26.5 39.7

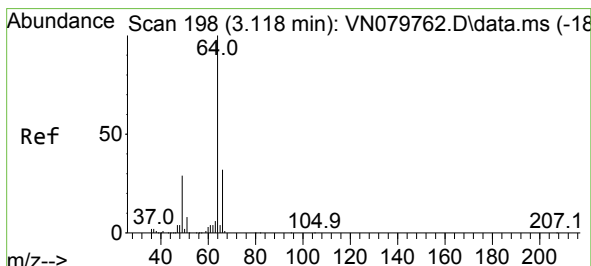
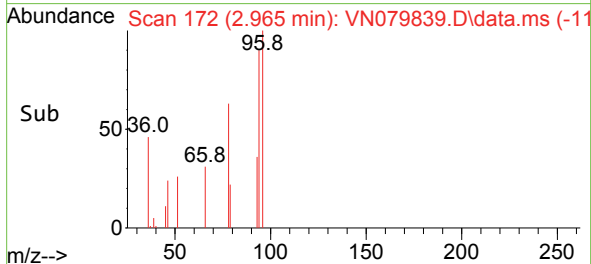
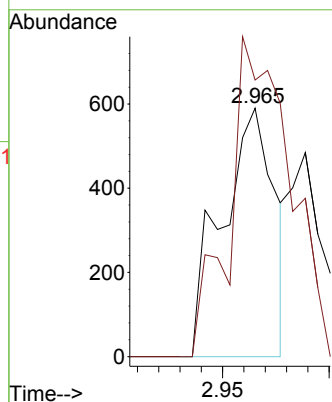
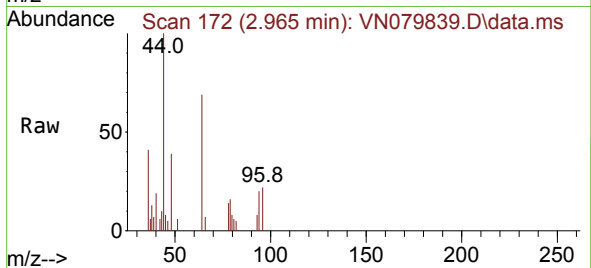




#5  
Bromomethane  
Concen: 0.422 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

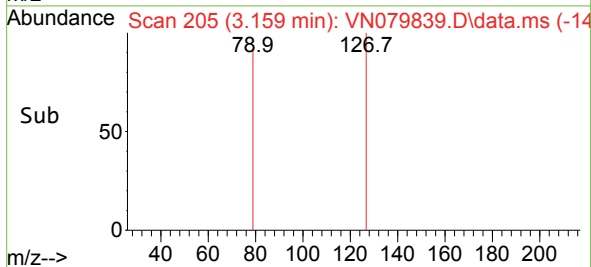
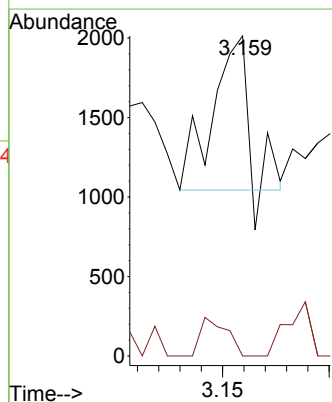
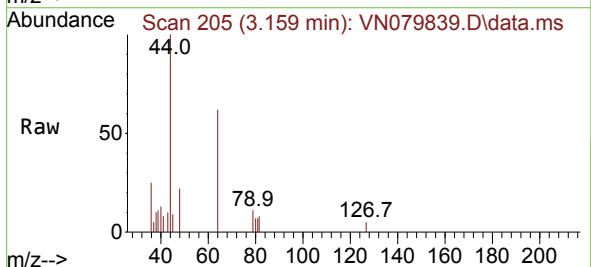
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

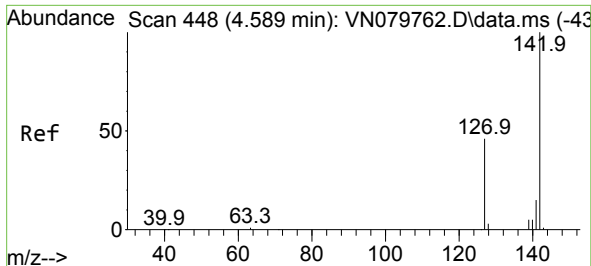
Tgt Ion: 94 Resp: 1013  
Ion Ratio Lower Upper  
94 100  
96 111.4 73.1 109.7#



#6  
Chloroethane  
Concen: 0.366 ug/l  
RT: 3.159 min Scan# 205  
Delta R.T. 0.041 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

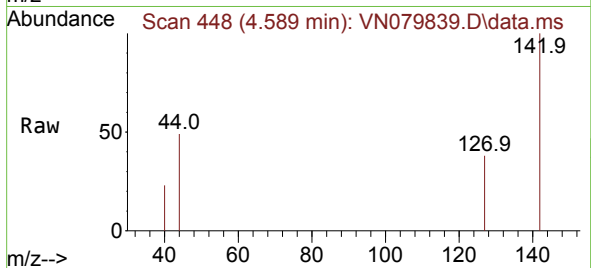
Tgt Ion: 64 Resp: 1144  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#



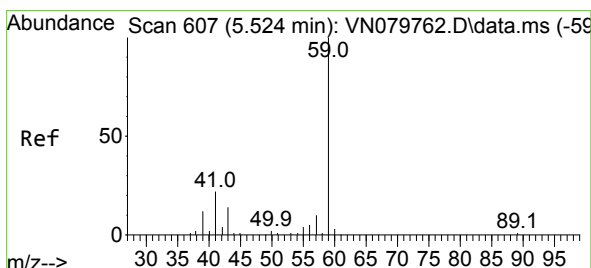
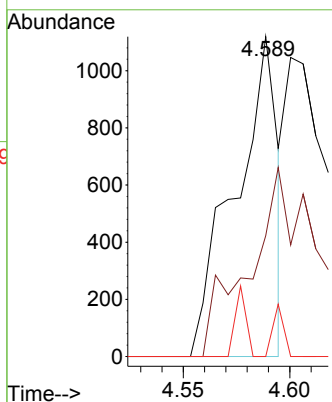
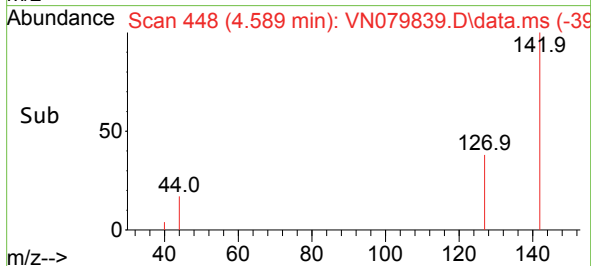


#10  
Methyl Iodide  
Concen: 0.479 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

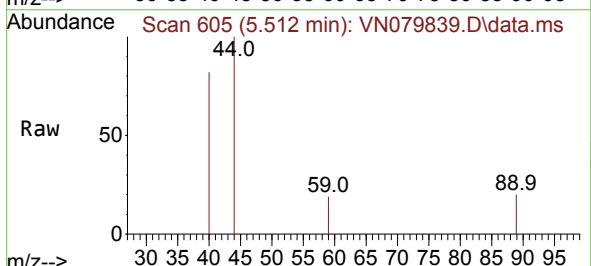
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01



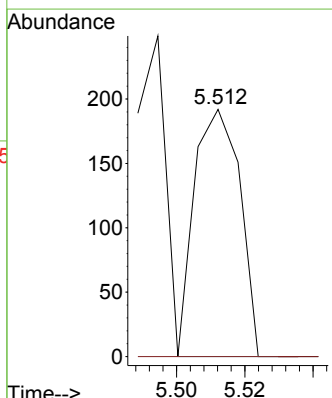
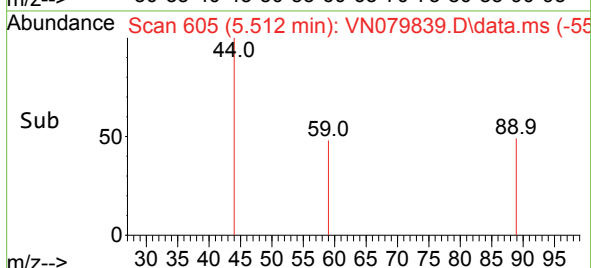
Tgt Ion:142 Resp: 1559  
Ion Ratio Lower Upper  
142 100  
127 37.8 37.6 56.4  
141 0.0 11.4 17.0#

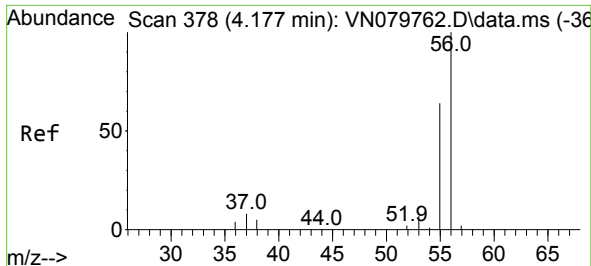


#11  
Tert butyl alcohol  
Concen: 0.367 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06



Tgt Ion: 59 Resp: 179  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 3.126 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

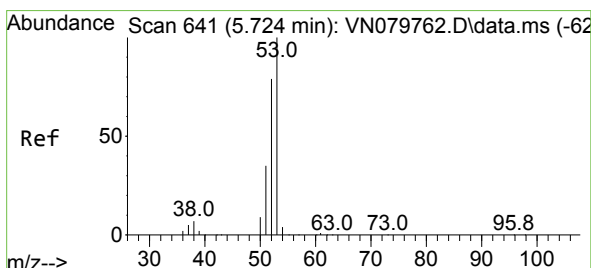
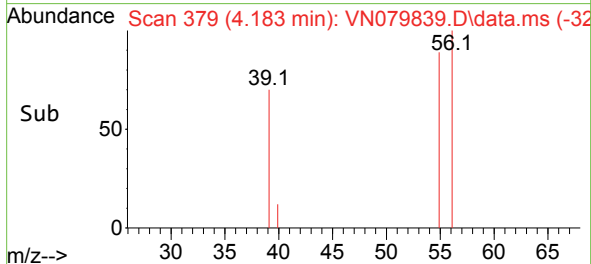
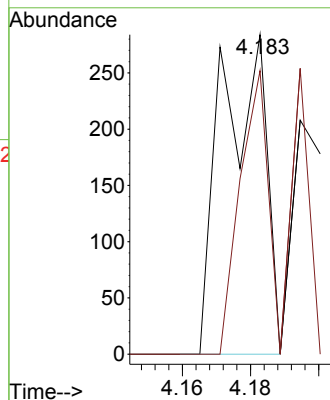
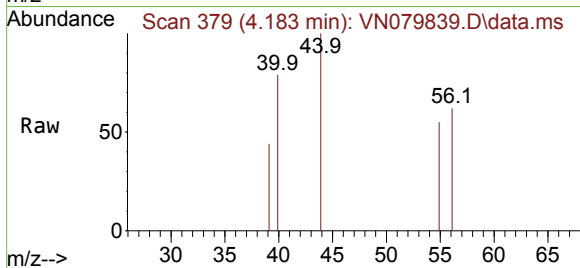
VN1103MBL01

Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 56.5 54.5 81.7



#15

Acrylonitrile

Concen: 0.587 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.006 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

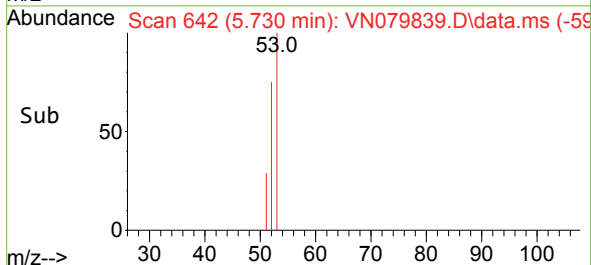
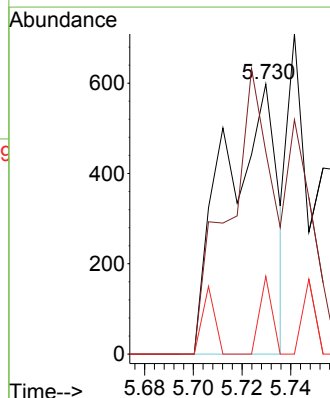
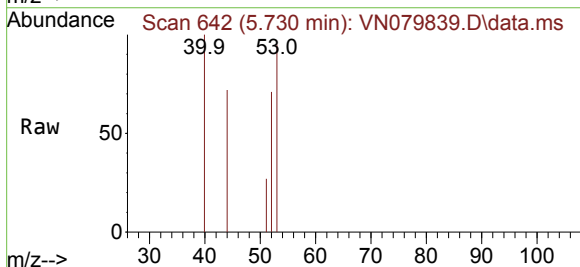
Tgt Ion: 53 Resp: 892

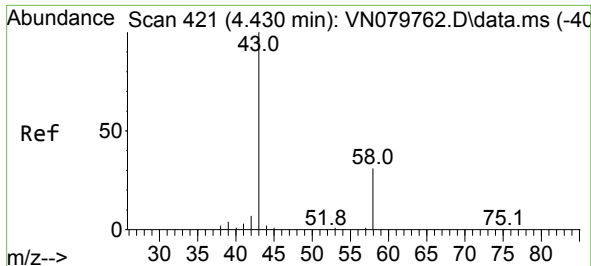
Ion Ratio Lower Upper

53 100

52 89.0 65.3 97.9

51 6.8 28.9 43.3#

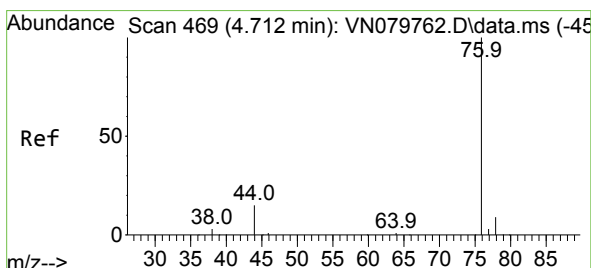
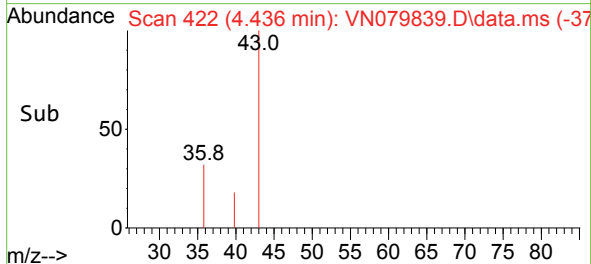
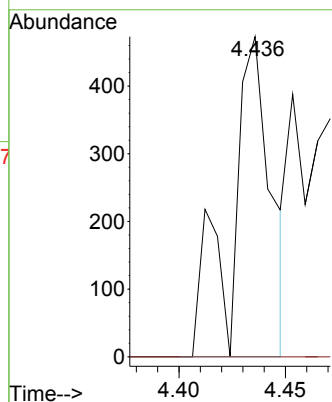
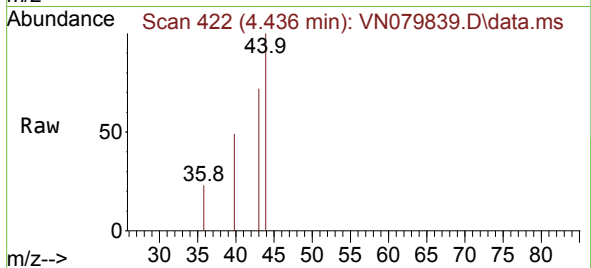




#16  
Acetone  
Concen: 0.458 ug/l  
RT: 4.436 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

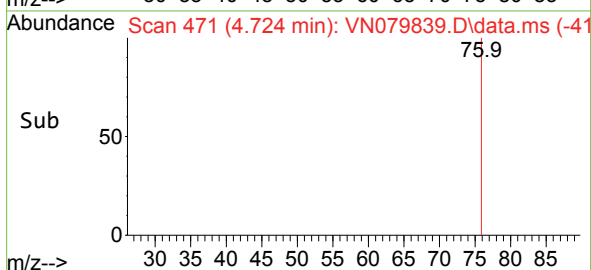
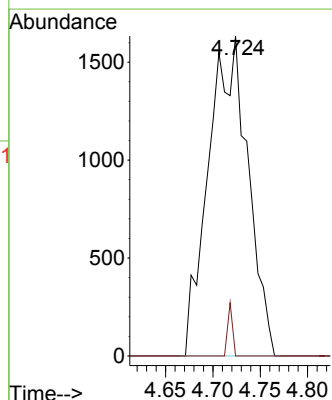
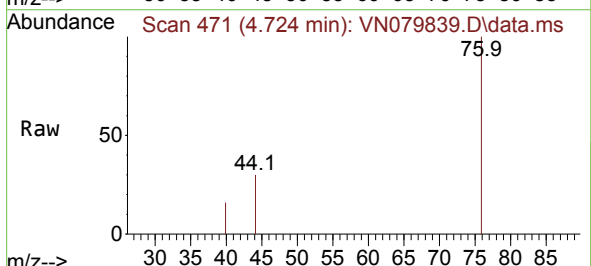
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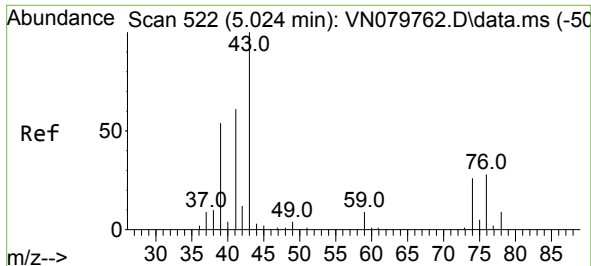
Tgt Ion: 43 Resp: 614  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.0 42.0#



#17  
Carbon Disulfide  
Concen: 0.607 ug/l  
RT: 4.724 min Scan# 471  
Delta R.T. 0.012 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 76 Resp: 4722  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#

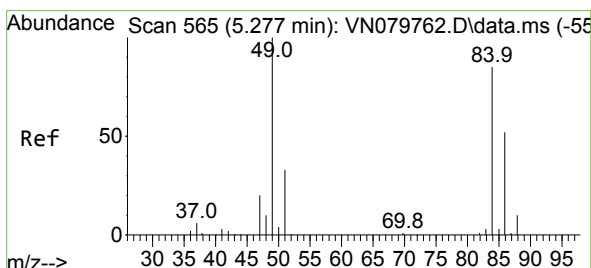
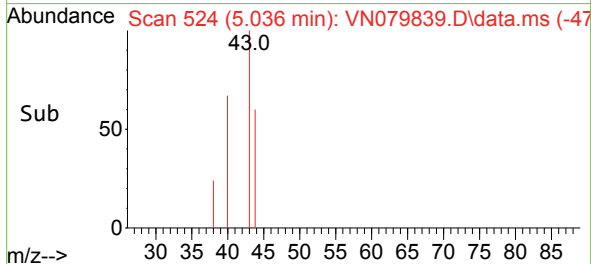
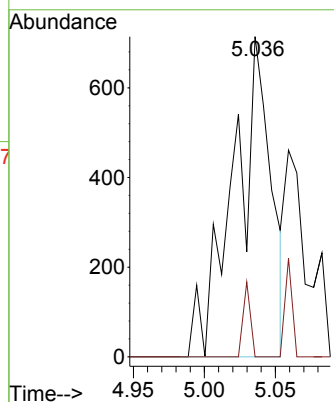
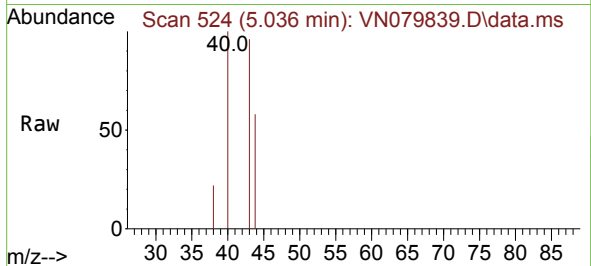




#18  
Methyl Acetate  
Concen: 0.205 ug/l  
RT: 5.036 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

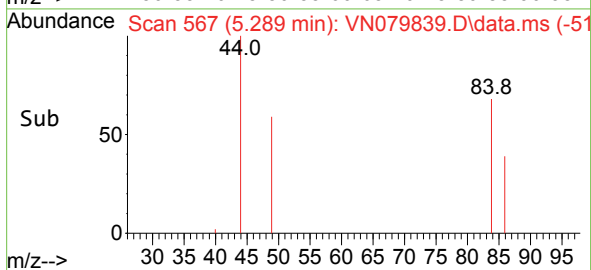
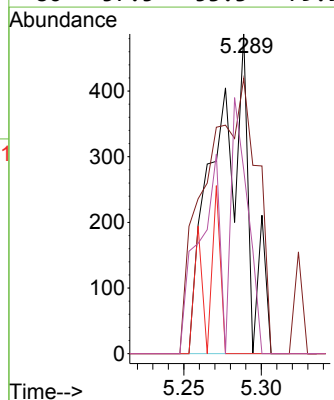
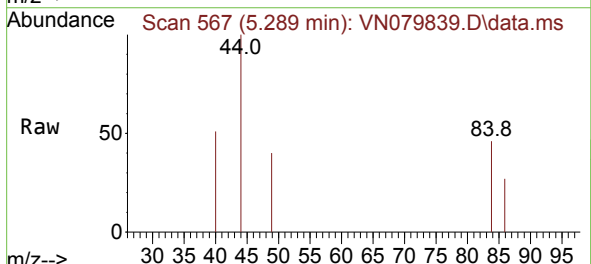
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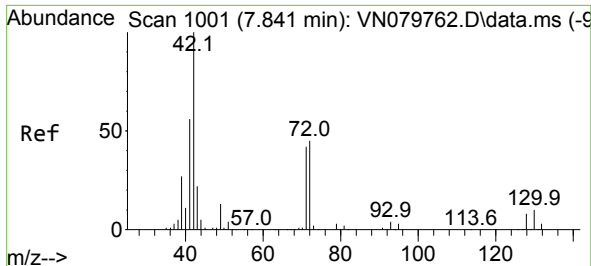
Tgt Ion: 43 Resp: 1314  
Ion Ratio Lower Upper  
43 100  
74 4.5 26.2 39.4#



#20  
Methylene Chloride  
Concen: 0.217 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.018 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 84 Resp: 734  
Ion Ratio Lower Upper  
84 100  
49 86.0 79.7 119.5  
51 0.0 25.2 37.8#  
86 57.5 53.3 79.9

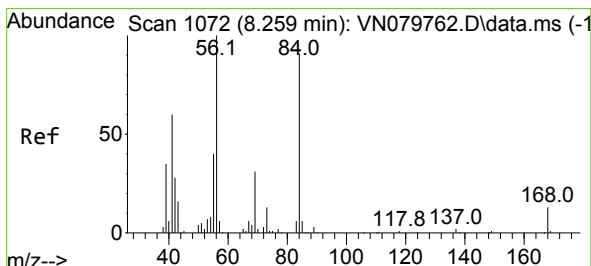
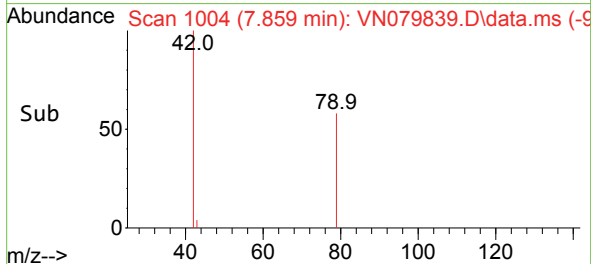
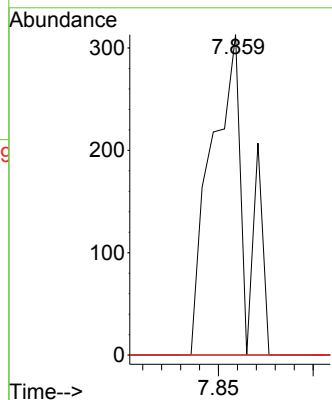
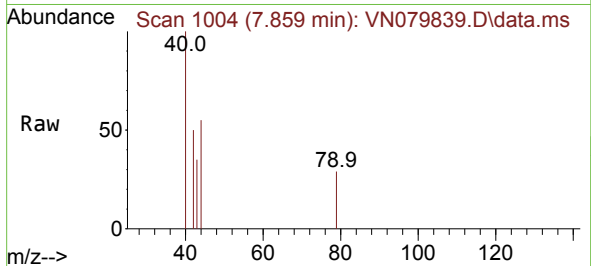




#29  
Tetrahydrofuran  
Concen: 0.310 ug/l  
RT: 7.859 min Scan# 1067  
Delta R.T. 0.018 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

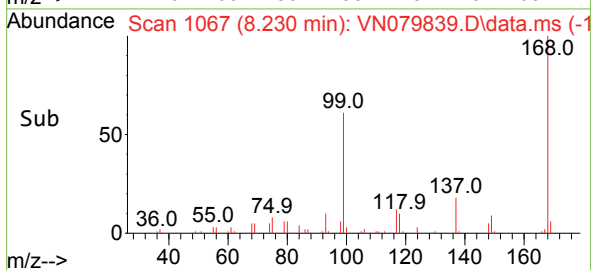
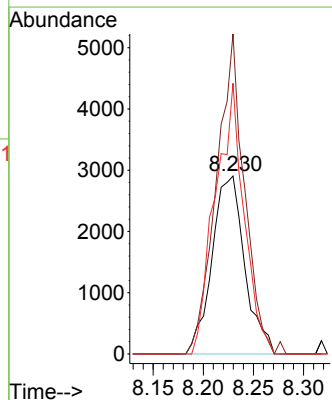
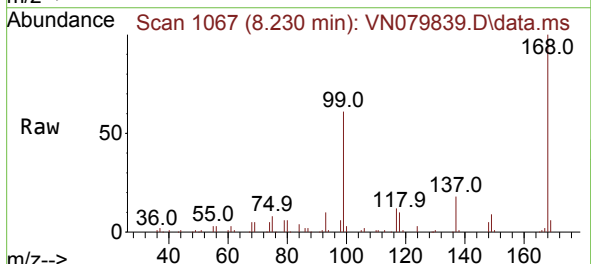
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

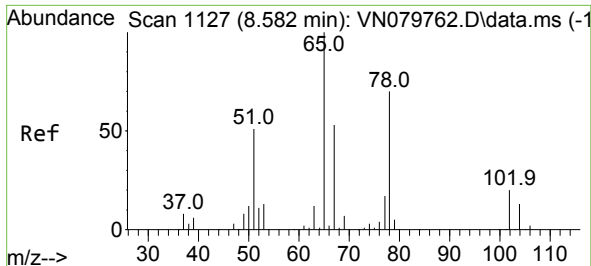
Tgt Ion: 42 Resp: 396  
Ion Ratio Lower Upper  
42 100  
72 0.0 49.8 74.6#  
71 0.0 47.4 71.2#



#31  
Cyclohexane  
Concen: 1.303 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.029 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 56 Resp: 6575  
Ion Ratio Lower Upper  
56 100  
69 179.9 26.8 40.2#  
84 152.2 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 57.062 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

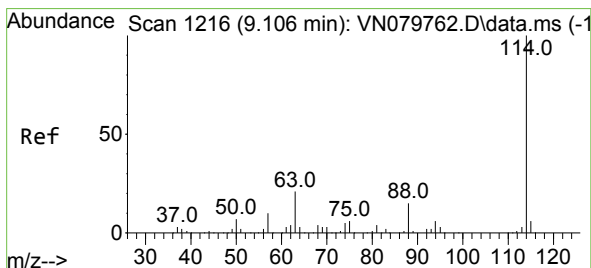
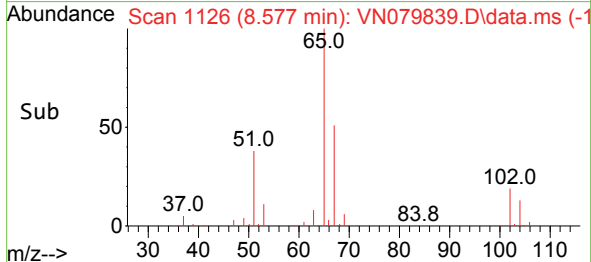
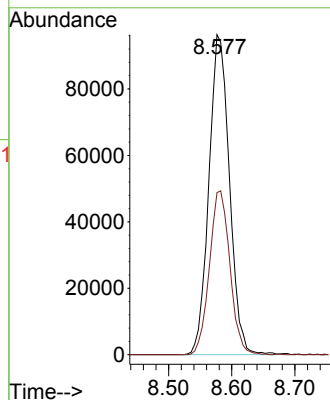
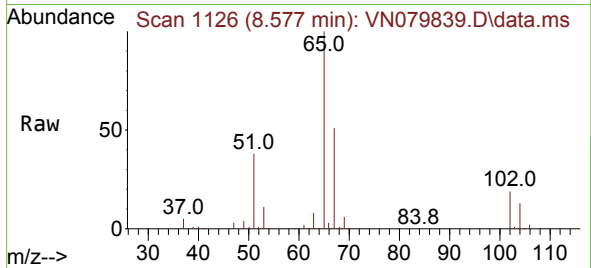
VN1103MBL01

Tgt Ion: 65 Resp: 217824

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

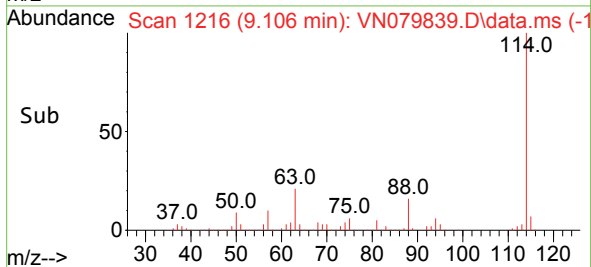
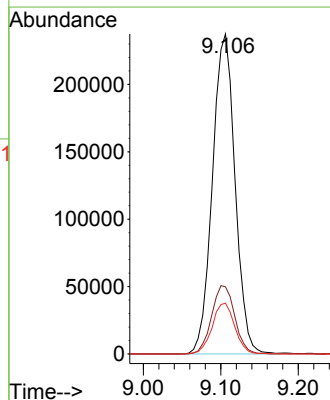
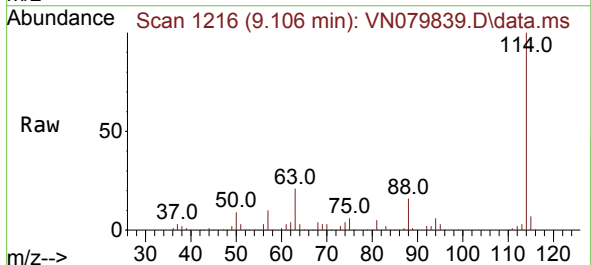
Tgt Ion: 114 Resp: 481695

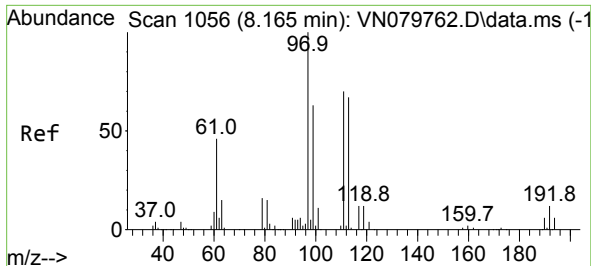
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.831 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN1103MBL01

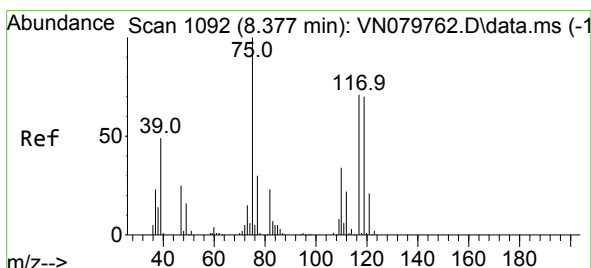
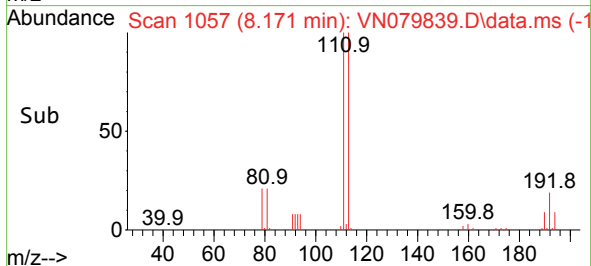
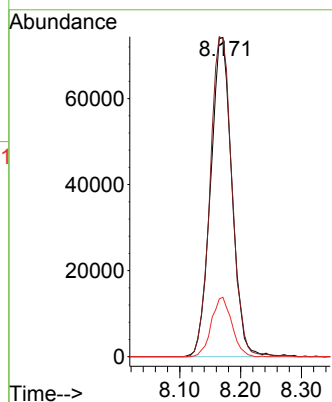
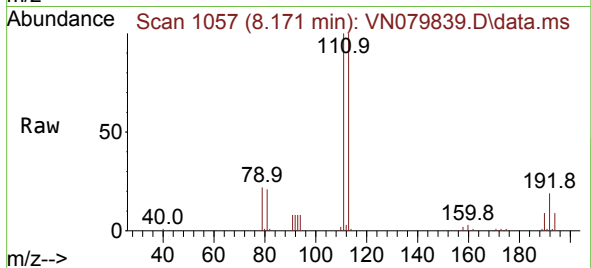
Tgt Ion:113 Resp: 180114

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 17.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.477 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

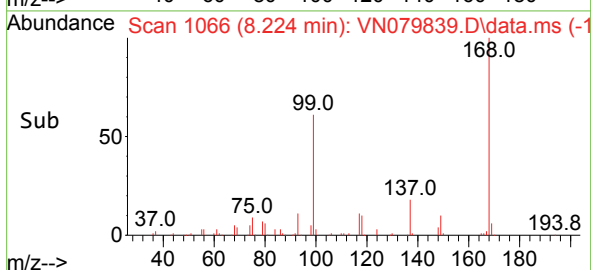
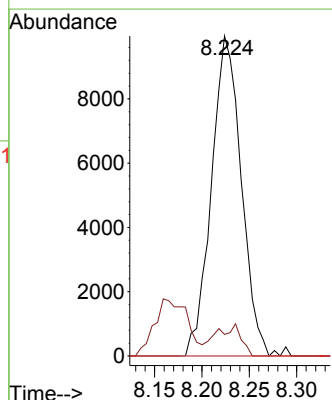
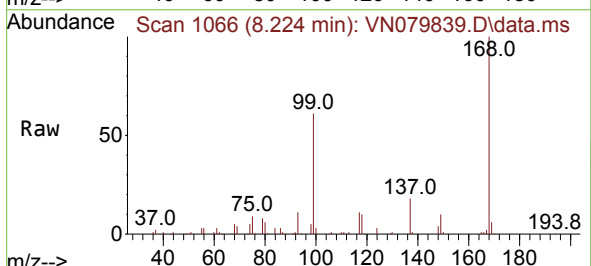
Tgt Ion: 75 Resp: 21794

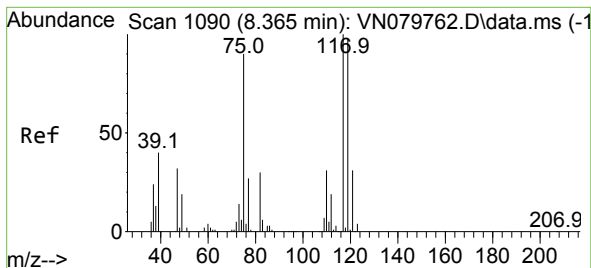
Ion Ratio Lower Upper

75 100

110 8.4 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.440 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

Lab File: VN079839.D

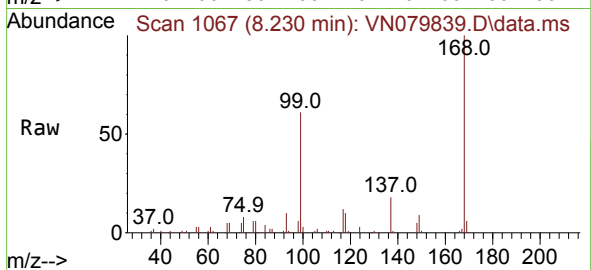
Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN1103MBL01



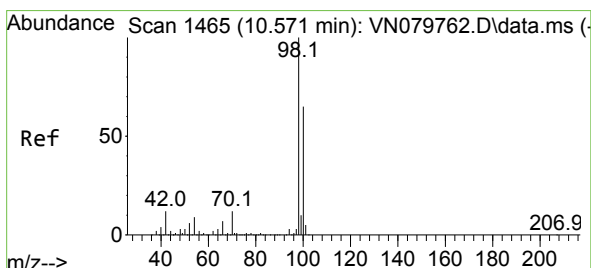
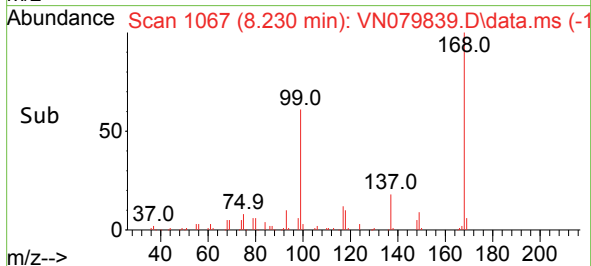
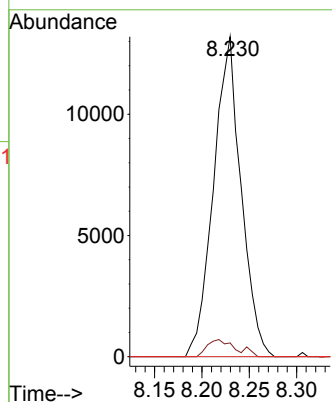
Tgt Ion:117 Resp: 26689

Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 23.3 34.9#



#50

Toluene-d8

Concen: 51.234 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079839.D

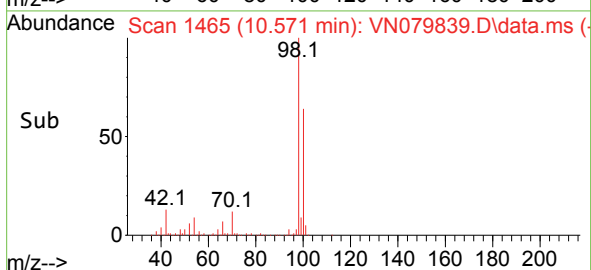
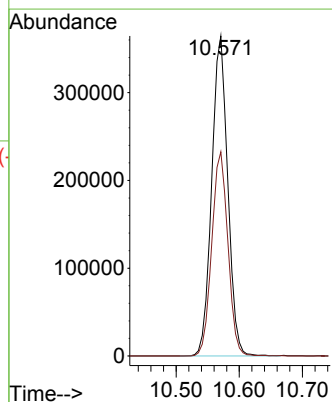
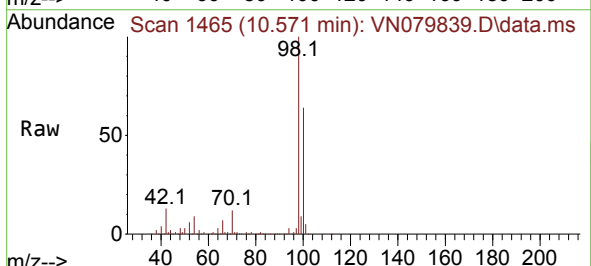
Acq: 03 Nov 2023 11:06

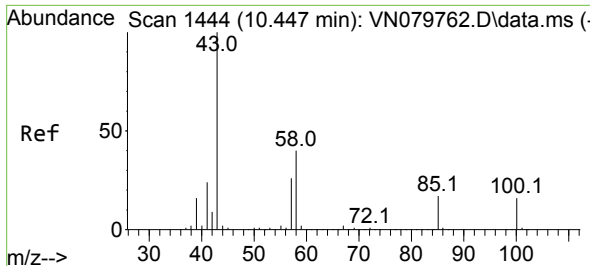
Tgt Ion: 98 Resp: 643018

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

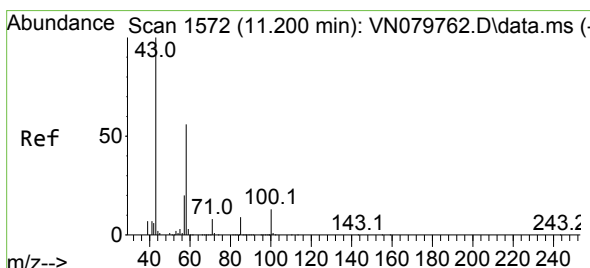
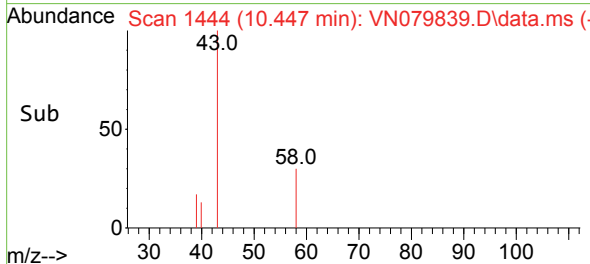
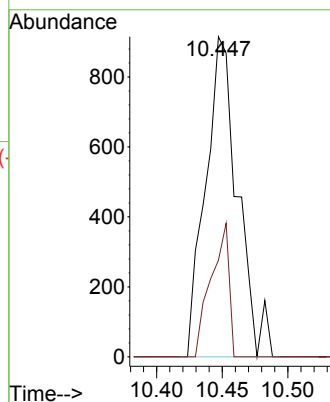
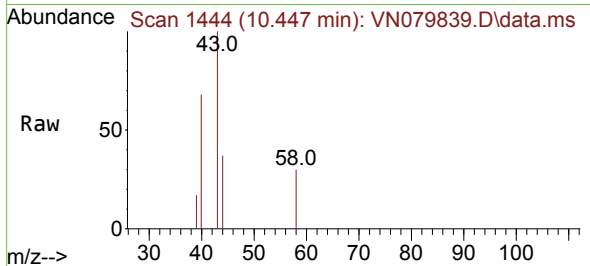




#51  
4-Methyl-2-Pentanone  
Concen: 0.353 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

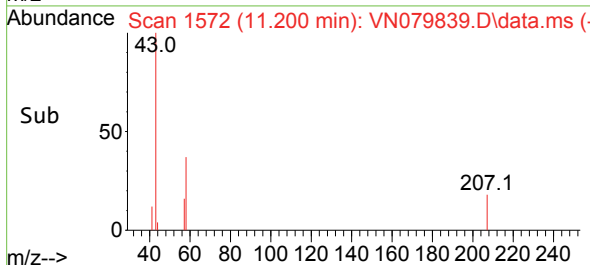
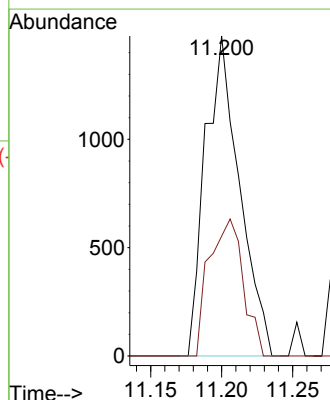
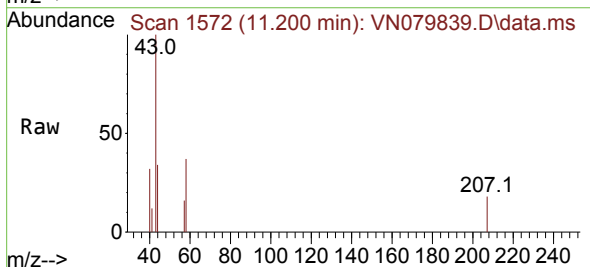
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

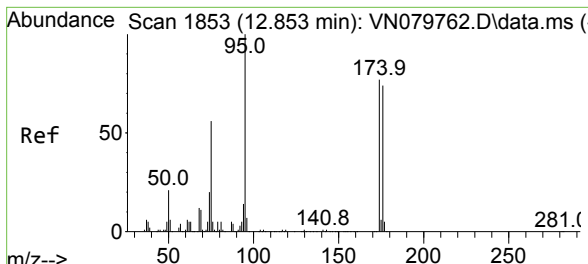
Tgt Ion: 43 Resp: 1556  
Ion Ratio Lower Upper  
43 100  
58 23.5 36.6 54.8#



#59  
2-Hexanone  
Concen: 0.734 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 43 Resp: 2474  
Ion Ratio Lower Upper  
43 100  
58 42.7 31.7 95.1

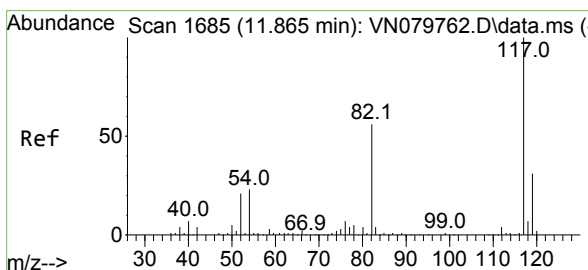
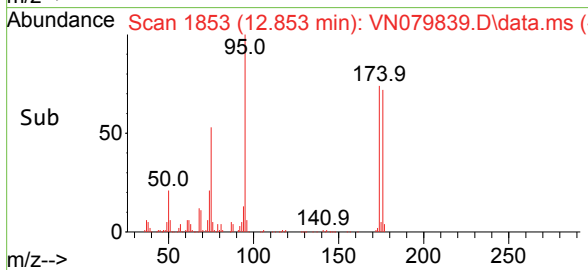
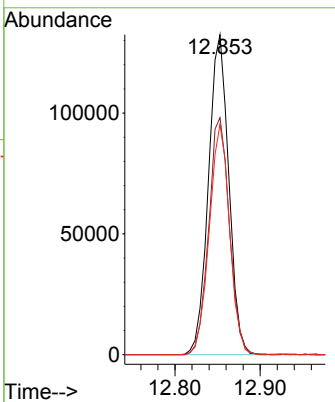
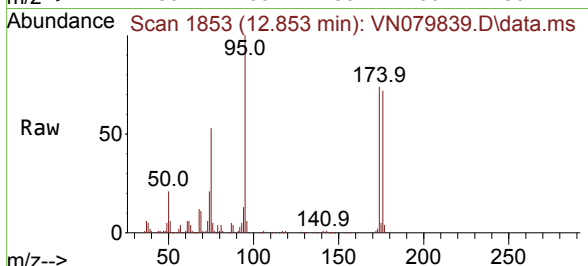




#62  
 4-Bromofluorobenzene  
 Concen: 52.571 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VN079839.D  
 Acq: 03 Nov 2023 11:06

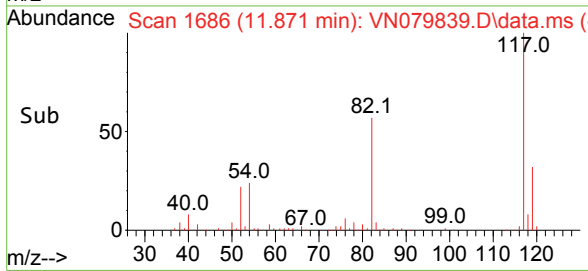
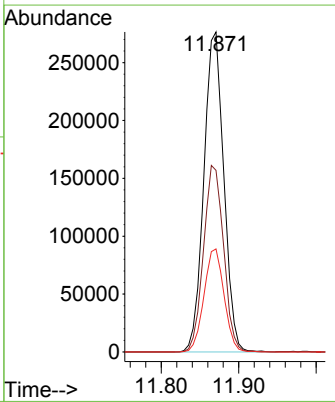
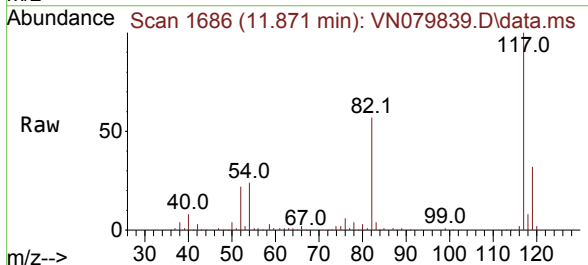
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1103MBL01

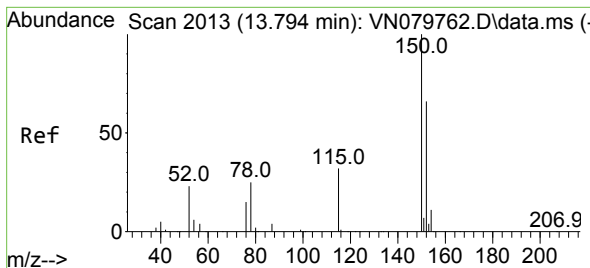
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 218824 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 75.5  | 0.0   | 143.8  |
| 176       | 71.9  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VN079839.D  
 Acq: 03 Nov 2023 11:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 494716 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 56.7  | 44.0  | 66.0   |
| 119       | 32.2  | 25.6  | 38.4   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN1103MBL01

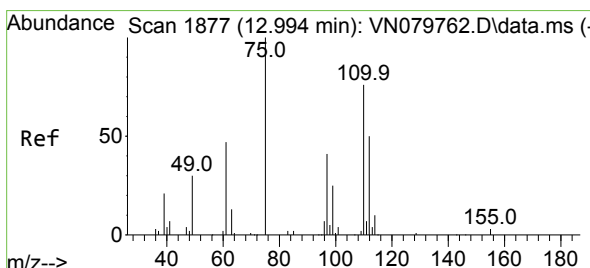
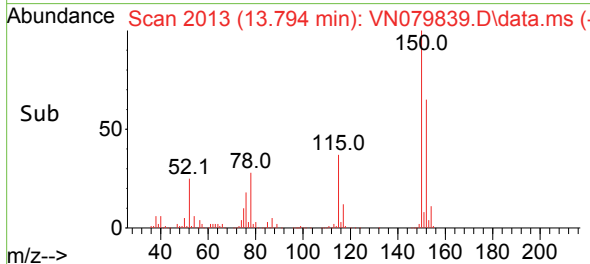
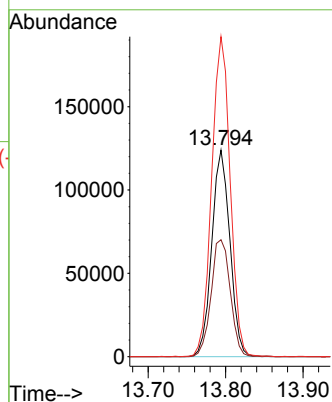
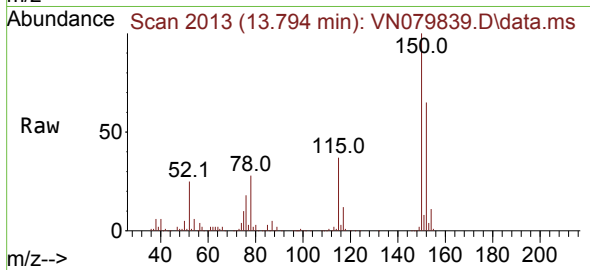
Tgt Ion:152 Resp: 201584

Ion Ratio Lower Upper

152 100

115 59.8 32.3 96.8

150 157.8 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.766 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079839.D

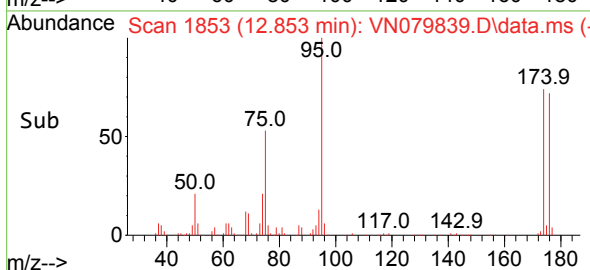
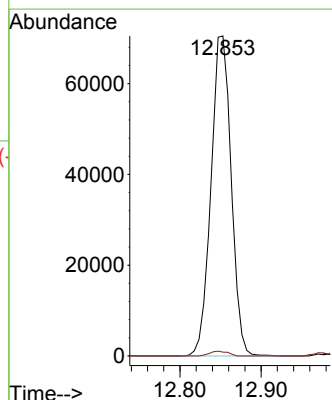
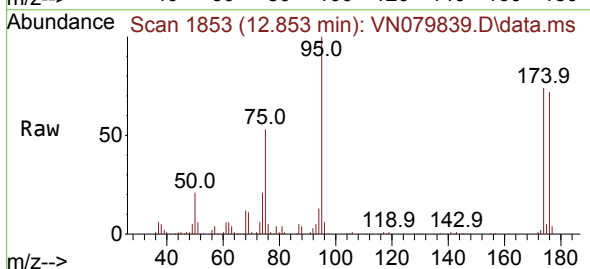
Acq: 03 Nov 2023 11:06

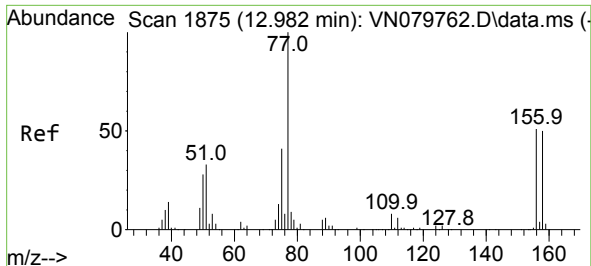
Tgt Ion: 75 Resp: 121939

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#

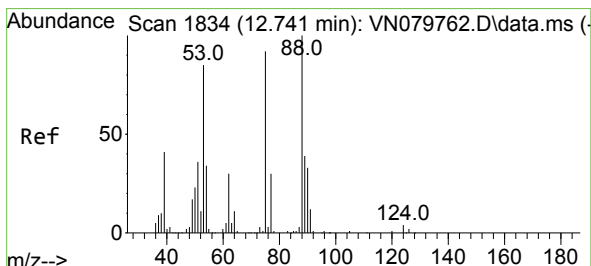
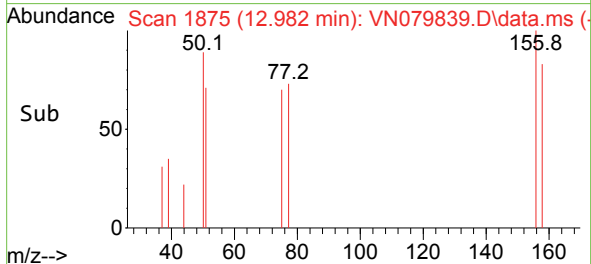
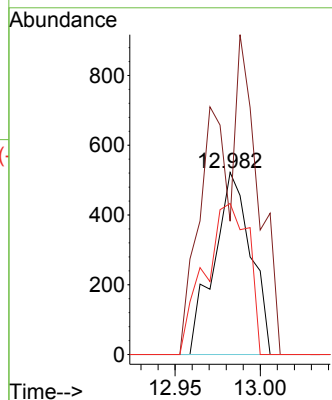
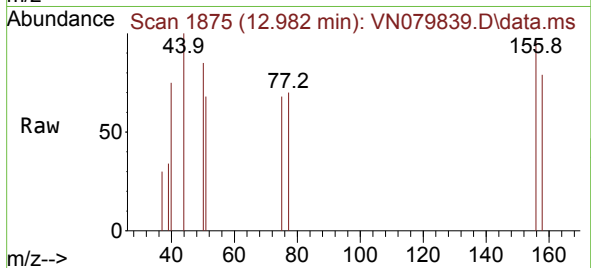




#77  
Bromobenzene  
Concen: 0.210 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

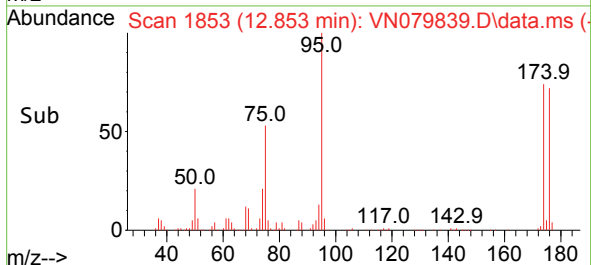
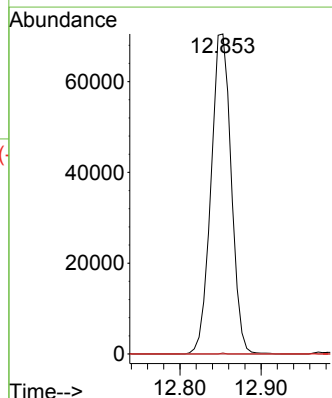
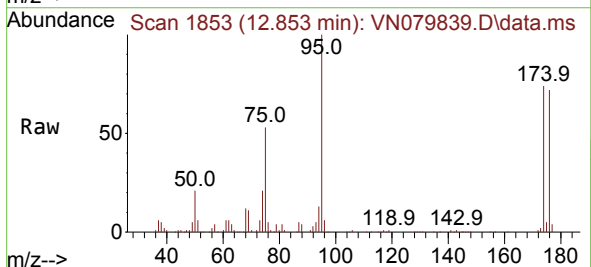
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

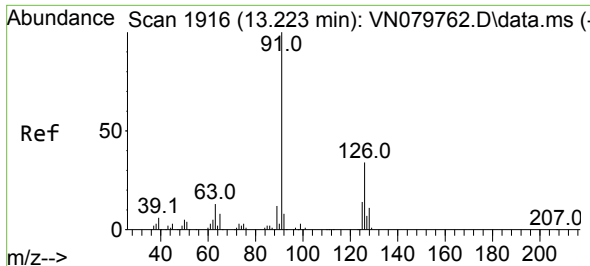
Tgt Ion:156 Resp: 788  
Ion Ratio Lower Upper  
156 100  
77 106.9 107.7 323.3#  
158 97.6 48.4 145.3



#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.103 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 75 Resp: 121939  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#

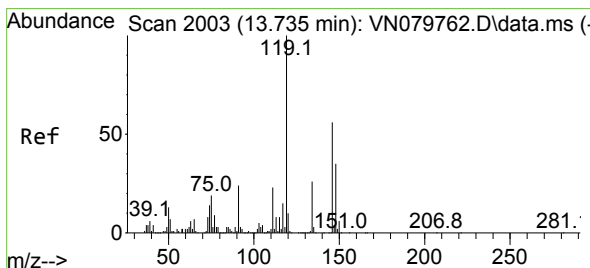
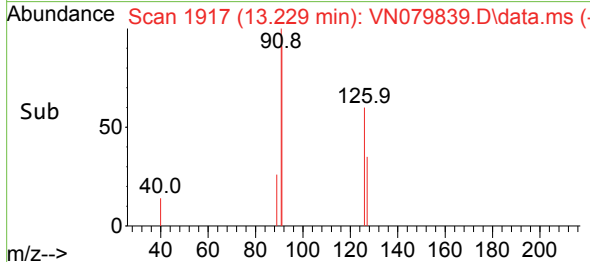
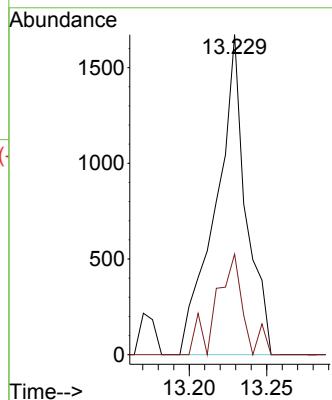
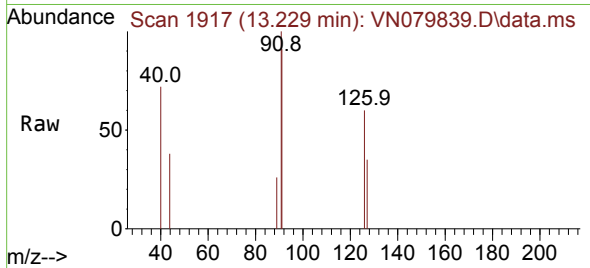




#82  
4-Chlorotoluene  
Concen: 0.203 ug/l  
RT: 13.229 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

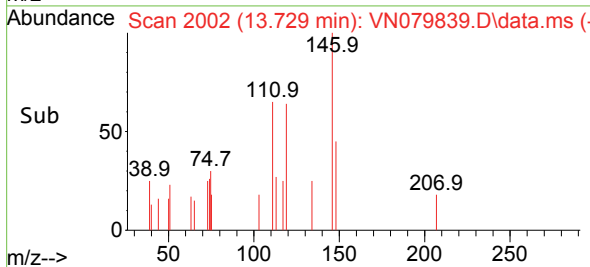
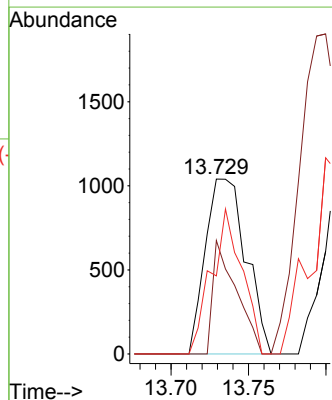
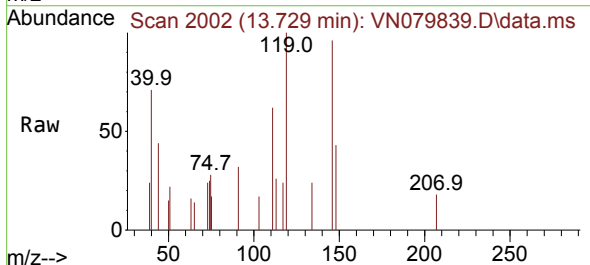
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

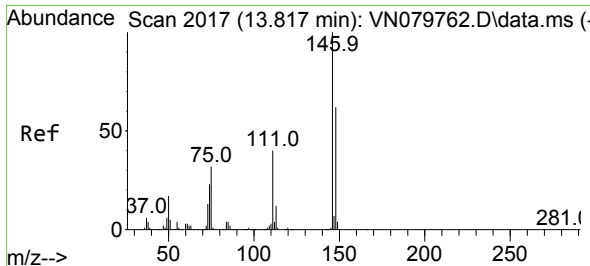
Tgt Ion: 91 Resp: 2256  
Ion Ratio Lower Upper  
91 100  
126 28.3 16.7 50.0



#87  
1,3-Dichlorobenzene  
Concen: 0.272 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 146 Resp: 1895  
Ion Ratio Lower Upper  
146 100  
111 37.6 22.1 66.3  
148 62.5 32.0 96.0

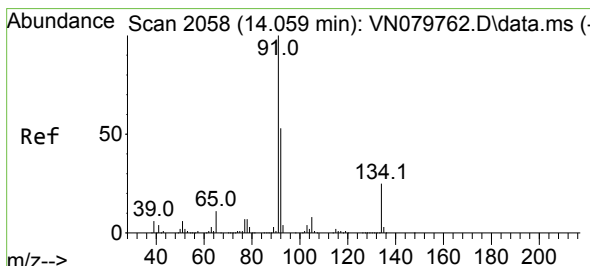
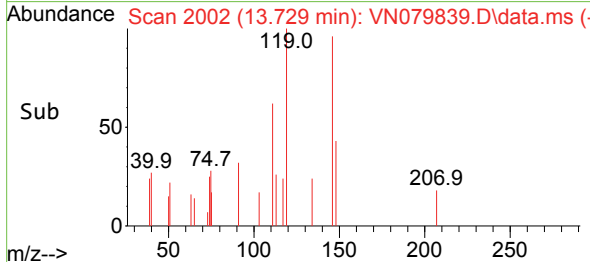
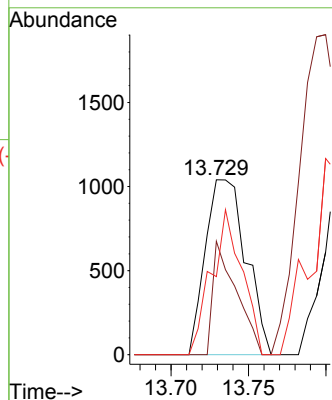
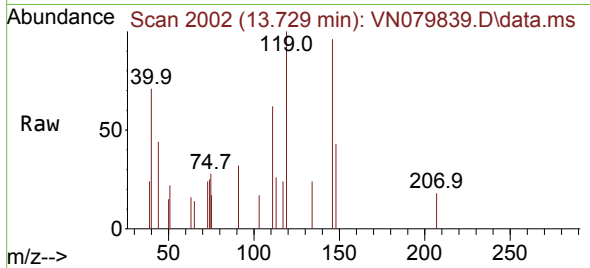




#88  
1,4-Dichlorobenzene  
Concen: 0.268 ug/l  
RT: 13.729 min Scan# 2017  
Delta R.T. -0.088 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

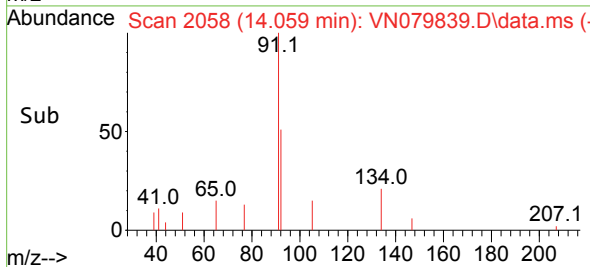
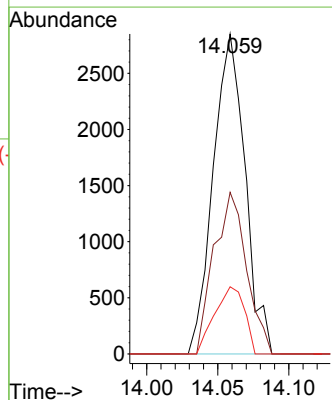
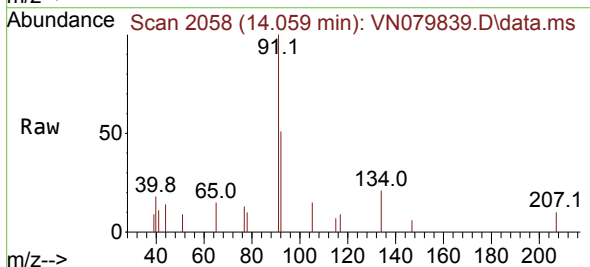
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

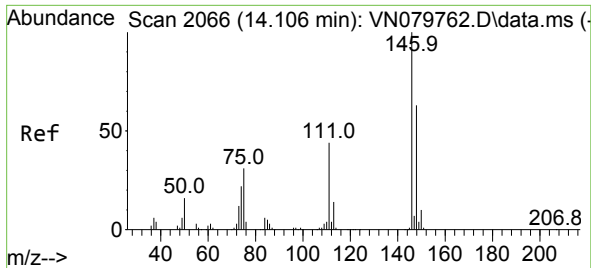
Tgt Ion:146 Resp: 1895  
Ion Ratio Lower Upper  
146 100  
111 37.6 20.6 61.8  
148 62.5 31.6 94.8



#89  
n-Butylbenzene  
Concen: 0.468 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 91 Resp: 4436  
Ion Ratio Lower Upper  
91 100  
92 51.8 26.4 79.0  
134 19.7 12.6 37.6

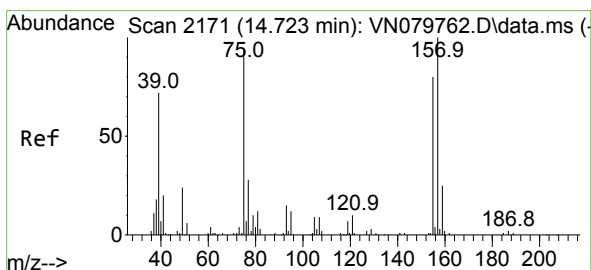
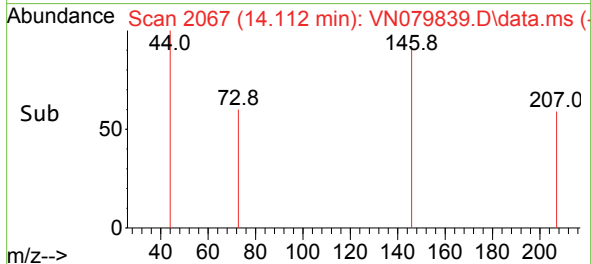
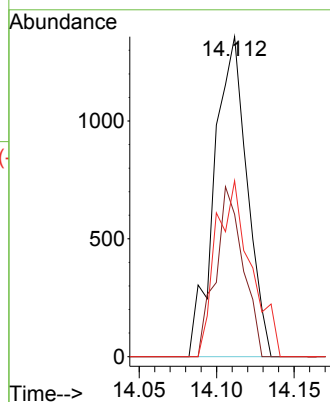
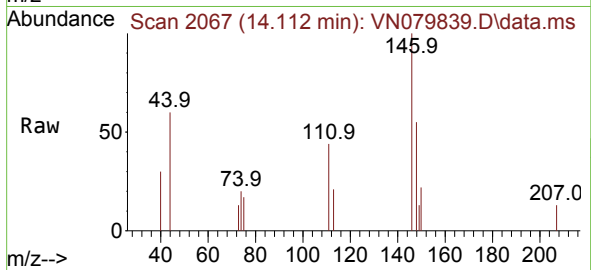




#91  
1,2-Dichlorobenzene  
Concen: 0.303 ug/l  
RT: 14.112 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

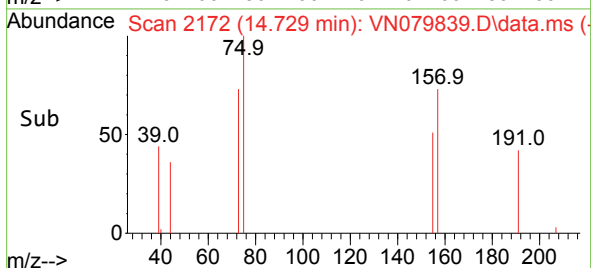
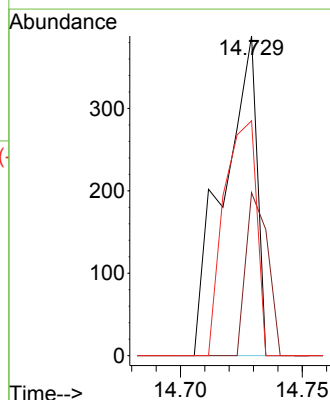
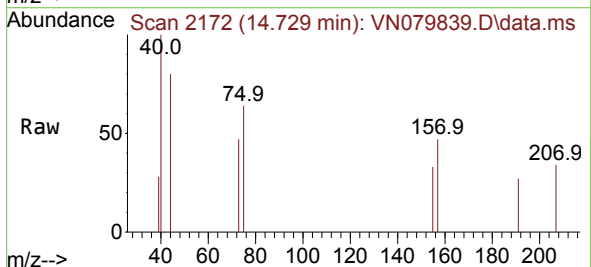
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1103MBL01

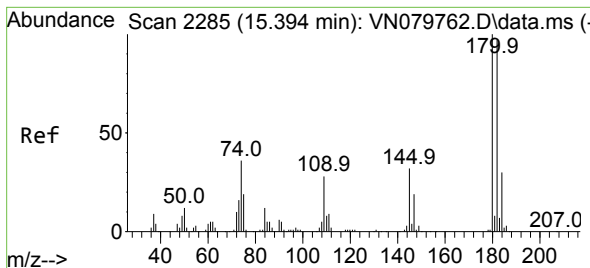
Tgt Ion:146 Resp: 1991  
Ion Ratio Lower Upper  
146 100  
111 44.5 22.0 66.0  
148 58.5 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.401 ug/l  
RT: 14.729 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VN079839.D  
Acq: 03 Nov 2023 11:06

Tgt Ion: 75 Resp: 369  
Ion Ratio Lower Upper  
75 100  
155 33.6 39.1 117.2#  
157 71.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 1.073 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079839.D

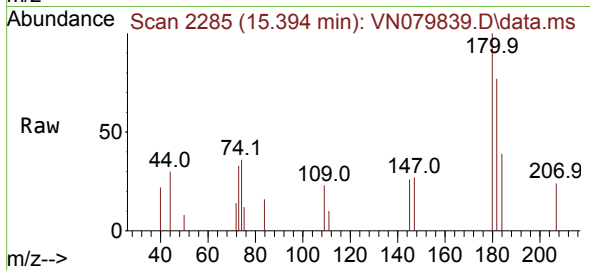
Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN1103MBL01



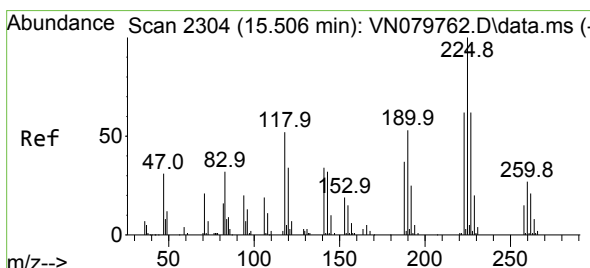
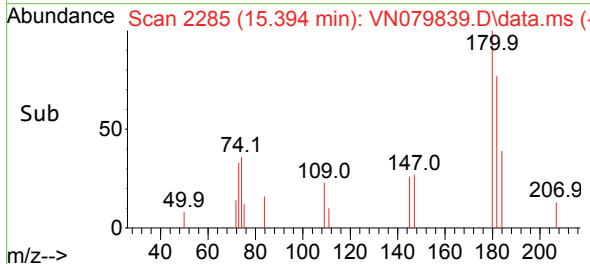
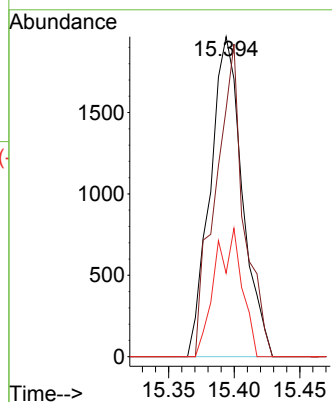
Tgt Ion:180 Resp: 3356

Ion Ratio Lower Upper

180 100

182 86.3 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.862 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

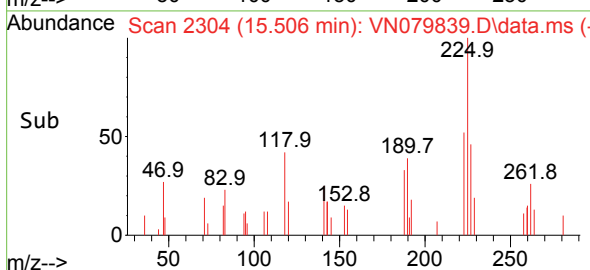
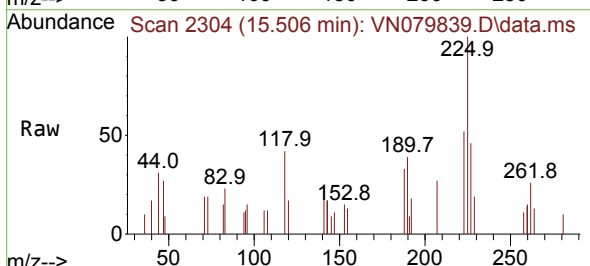
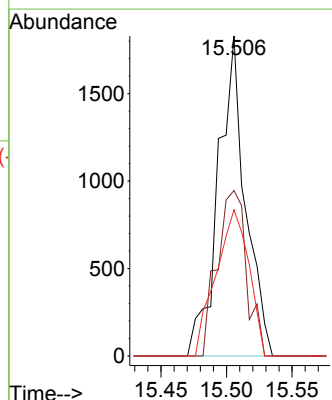
Tgt Ion:225 Resp: 2640

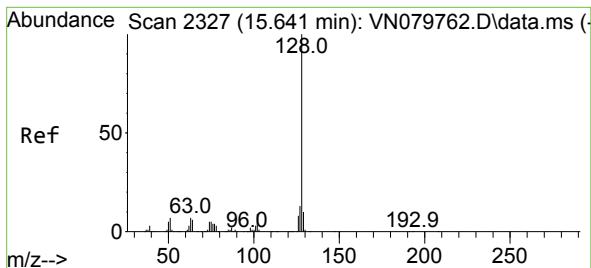
Ion Ratio Lower Upper

225 100

223 55.9 31.3 93.8

227 55.3 31.9 95.9





#95

Naphthalene

Concen: 1.296 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VN1103MBL01

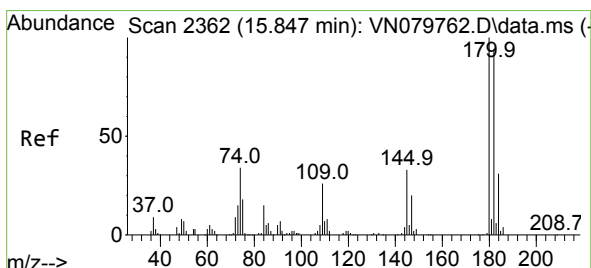
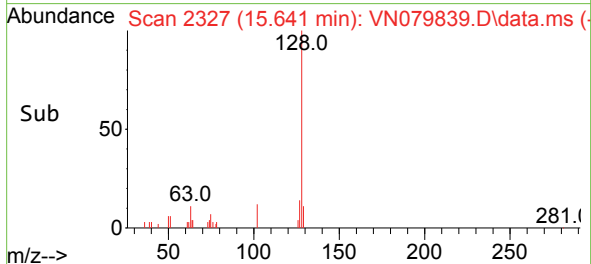
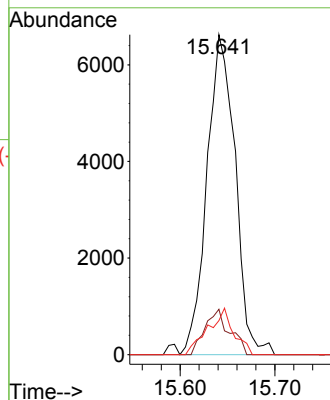
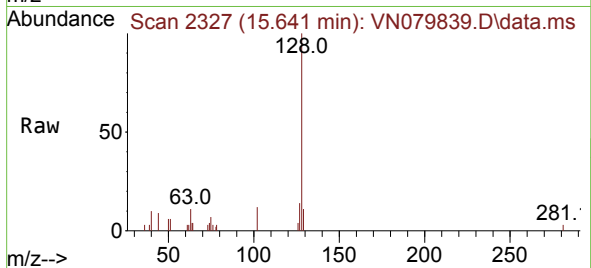
Tgt Ion:128 Resp: 13745

Ion Ratio Lower Upper

128 100

127 12.4 10.0 15.0

129 13.2 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.217 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079839.D

Acq: 03 Nov 2023 11:06

Tgt Ion:180 Resp: 3730

Ion Ratio Lower Upper

180 100

182 92.3 46.2 138.6

145 35.7 17.5 52.6

