

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081523\  
 Data File : VN078888.D  
 Acq On : 15 Aug 2023 13:50  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 16 02:55:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 16 02:42:02 2023  
 Response via : Initial Calibration

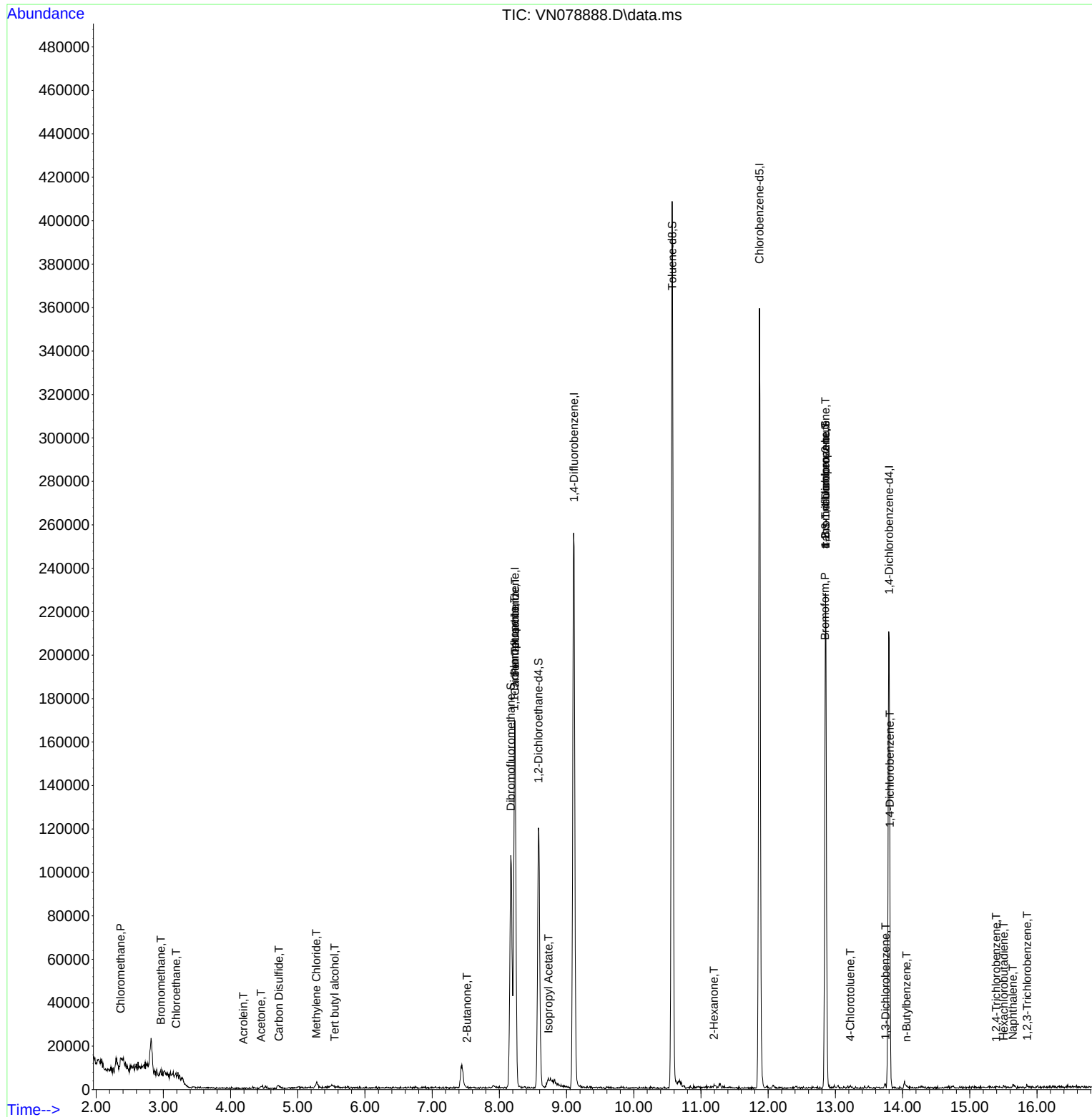
| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.229          | 168  | 116700              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.112          | 114  | 216127              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.870         | 117  | 197137              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800         | 152  | 54969               | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.582          | 65   | 93013               | 51.220    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 102.440% |           |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 74294               | 51.066    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 102.140% |           |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 271479              | 50.255    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 100.520% |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 77521               | 43.904    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 87.800%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           | Qvalue |          |
| 3) Chloromethane              | 2.365          | 50   | 2297                | 1.016     | ug/l # | 74       |
| 5) Bromomethane               | 2.965          | 94   | 765                 | 0.672     | ug/l # | 58       |
| 6) Chloroethane               | 3.189          | 64   | 1244                | 0.898     | ug/l # | 88       |
| 11) Tert butyl alcohol        | 5.547          | 59   | 112                 | 0.368     | ug/l # | 72       |
| 13) Acrolein                  | 4.189          | 56   | 55                  | 7.117     | ug/l # | 16       |
| 16) Acetone                   | 4.453          | 43   | 470                 | 0.627     | ug/l # | 40       |
| 17) Carbon Disulfide          | 4.718          | 76   | 2530                | 0.721     | ug/l # | 75       |
| 20) Methylene Chloride        | 5.277          | 84   | 1801                | 1.128     | ug/l # | 62       |
| 25) 2-Butanone                | 7.518          | 43   | 477                 | 0.397     | ug/l # | 37       |
| 31) Cyclohexane               | 8.235          | 56   | 3169                | Below Cal | #      | 66       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 10877               | 4.970     | ug/l # | 46       |
| 38) Carbon Tetrachloride      | 8.235          | 117  | 12396               | 5.653     | ug/l # | 17       |
| 43) Isopropyl Acetate         | 8.729          | 43   | 2239                | 0.517     | ug/l # | 49       |
| 59) 2-Hexanone                | 11.194         | 43   | 1101                | 0.592     | ug/l # | 53       |
| 71) Bromoform                 | 12.847         | 173  | 414                 | 0.359     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 40274               | 30.407    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 40274               | 77.677    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.223         | 91   | 1246                | 0.386     | ug/l # | 41       |
| 87) 1,3-Dichlorobenzene       | 13.747         | 146  | 831                 | 0.438     | ug/l # | 78       |
| 88) 1,4-Dichlorobenzene       | 13.811         | 146  | 912                 | 0.481     | ug/l # | 74       |
| 89) n-Butylbenzene            | 14.059         | 91   | 845                 | 0.306     | ug/l # | 50       |
| 93) 1,2,4-Trichlorobenzene    | 15.394         | 180  | 344                 | 0.515     | ug/l # | 45       |
| 94) Hexachlorobutadiene       | 15.505         | 225  | 271                 | 0.492     | ug/l # | 53       |
| 95) Naphthalene               | 15.641         | 128  | 1275                | 3.052     | ug/l # | 75       |
| 96) 1,2,3-Trichlorobenzene    | 15.853         | 180  | 366                 | 0.500     | ug/l # | 75       |
| -----                         |                |      |                     |           |        |          |

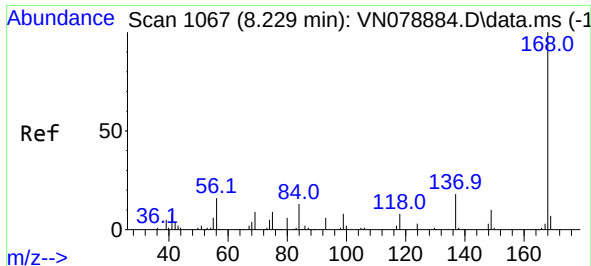
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : IBLK  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

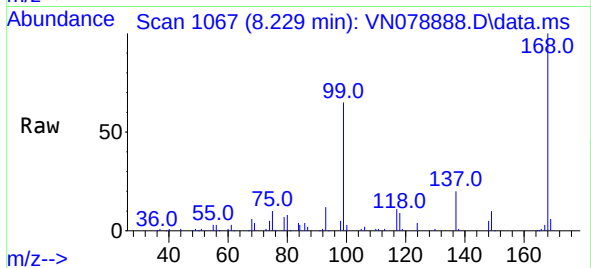
Quant Time: Aug 16 02:55:30 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081523W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 16 02:42:02 2023  
Response via : Initial Calibration



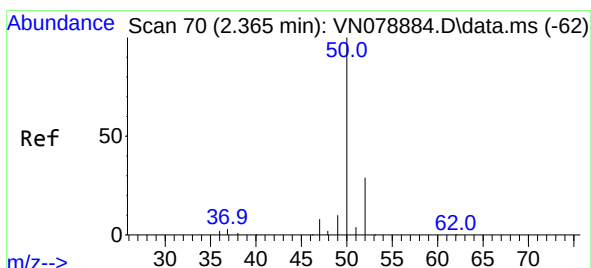
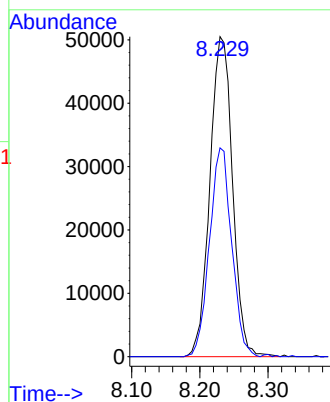
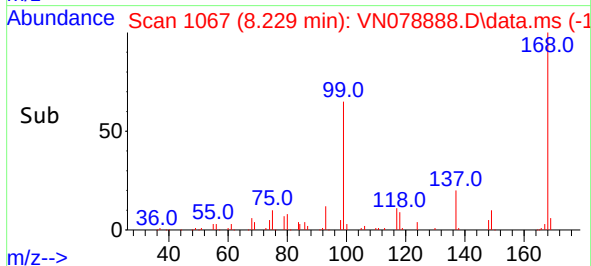


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.001 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Instrument :  
MSVOA\_N  
ClientSampleId :

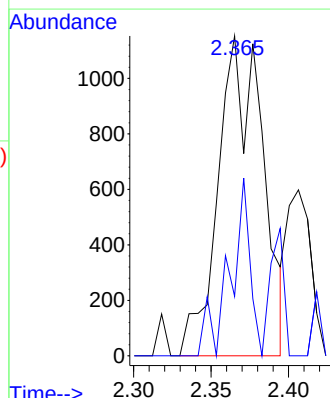
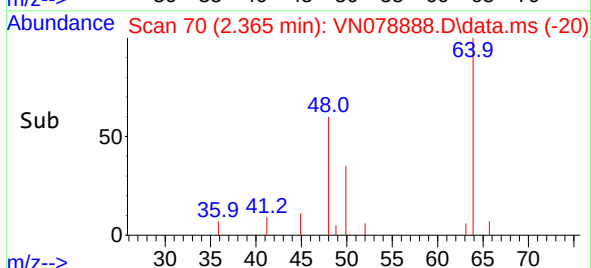
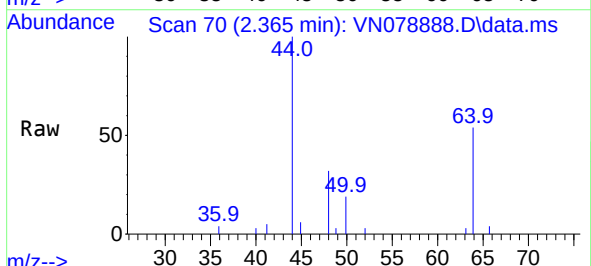


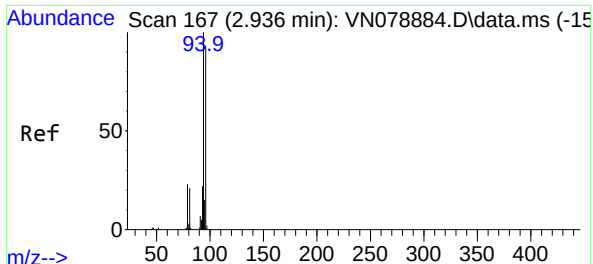
Tgt Ion:168 Resp: 116700  
Ion Ratio Lower Upper  
168 100  
99 65.3 53.0 79.6



#3  
Chloromethane  
Concen: 1.016 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 50 Resp: 2297  
Ion Ratio Lower Upper  
50 100  
52 18.6 26.5 39.7#

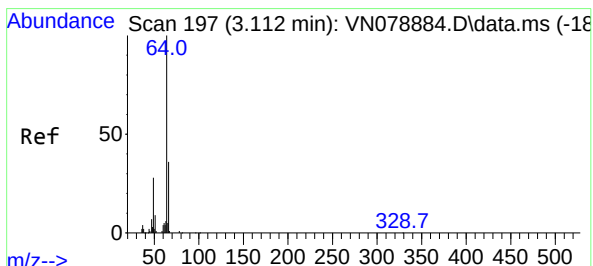
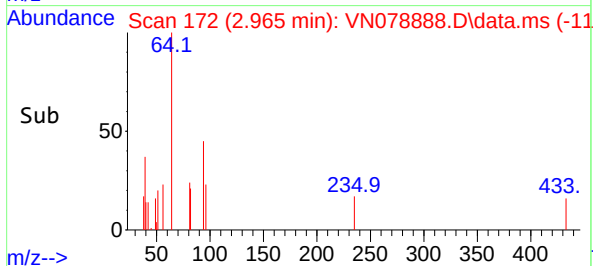
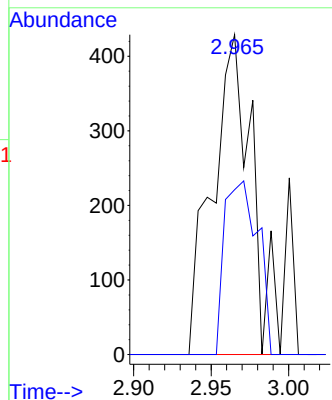
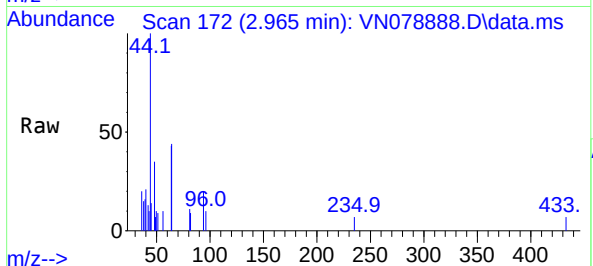




#5  
Bromomethane  
Concen: 0.672 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.017 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

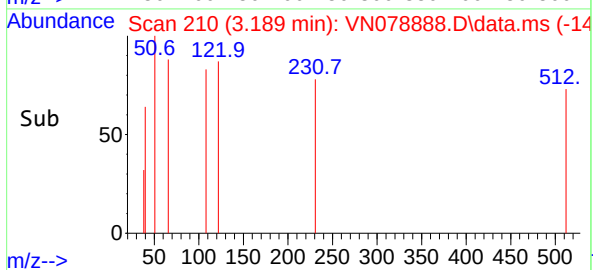
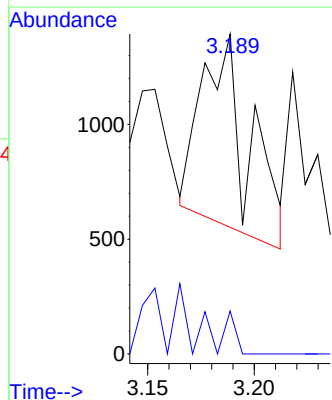
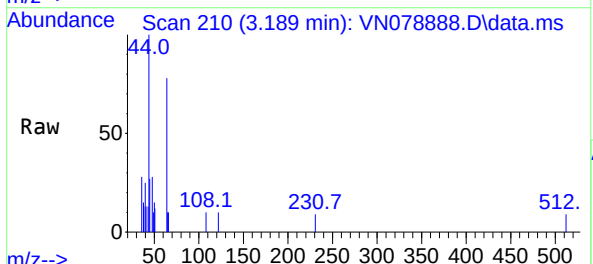
Instrument :  
MSVOA\_N  
ClientSampleId :

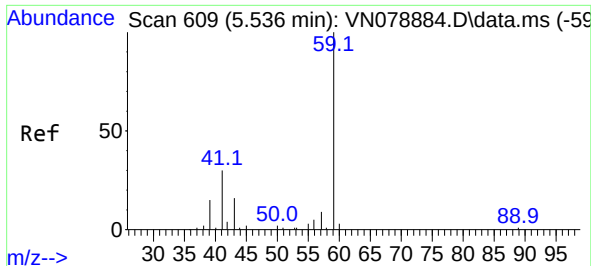
Tgt Ion: 94 Resp: 765  
Ion Ratio Lower Upper  
94 100  
96 51.5 73.1 109.7#



#6  
Chloroethane  
Concen: 0.898 ug/l  
RT: 3.189 min Scan# 210  
Delta R.T. 0.071 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 64 Resp: 1244  
Ion Ratio Lower Upper  
64 100  
66 25.0 25.4 38.2#

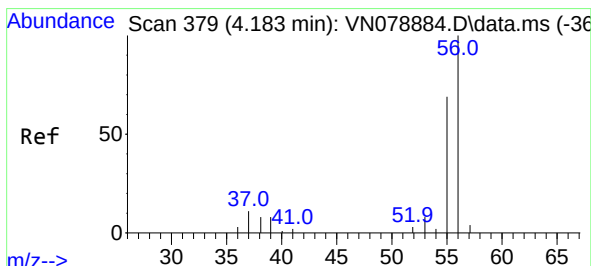
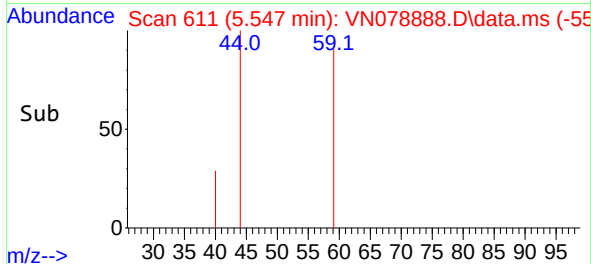
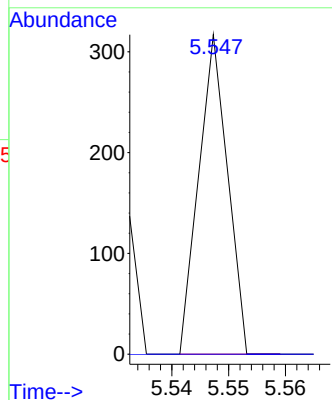
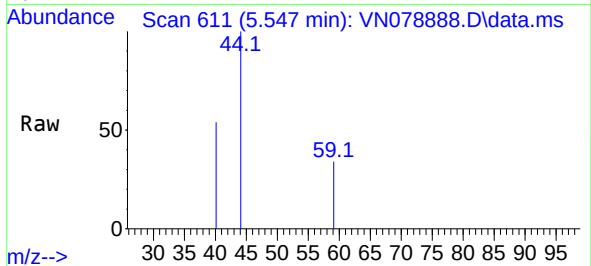




#11  
Tert butyl alcohol  
Concen: 0.368 ug/l  
RT: 5.547 min Scan# 611  
Delta R.T. 0.005 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

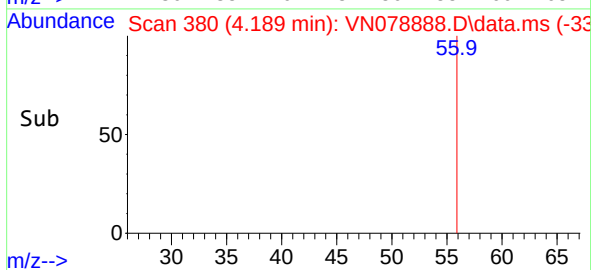
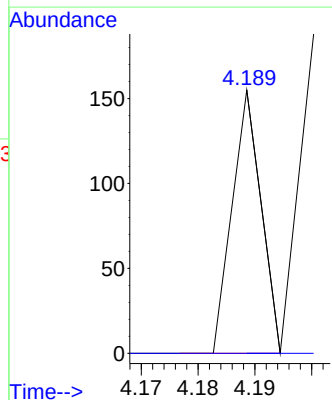
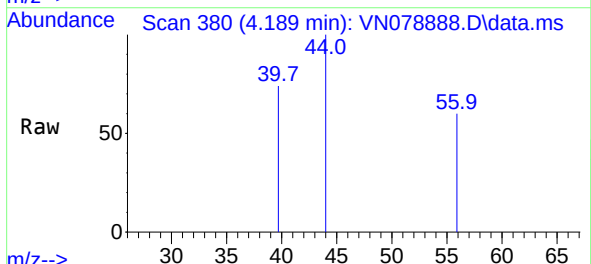
Instrument :  
MSVOA\_N  
ClientSampleId :

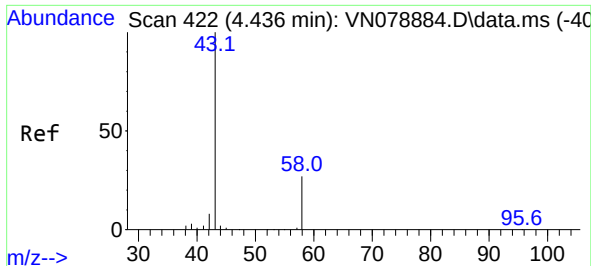
Tgt Ion: 59 Resp: 112  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#13  
Acrolein  
Concen: 7.117 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 56 Resp: 55  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#

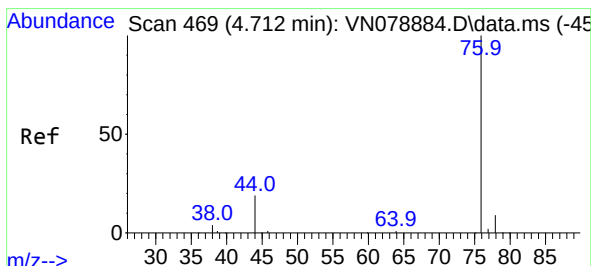
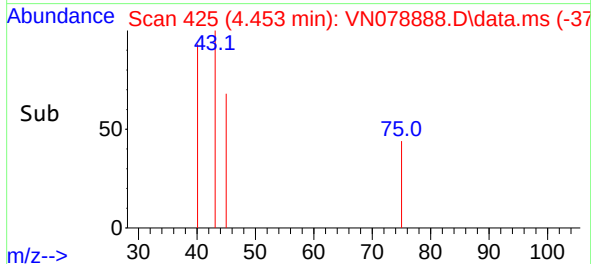
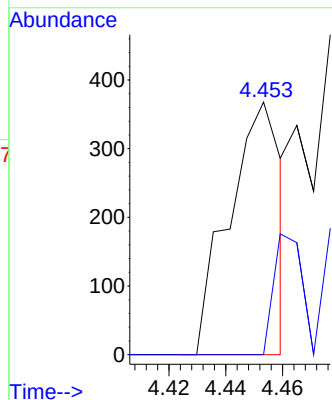
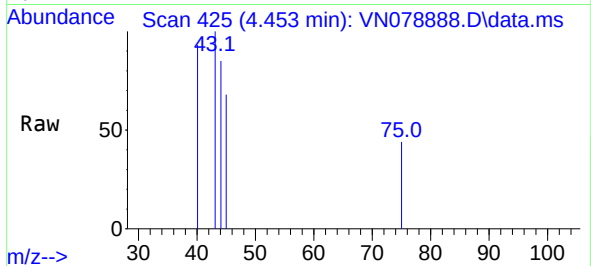




#16  
Acetone  
Concen: 0.627 ug/l  
RT: 4.453 min Scan# 41  
Delta R.T. 0.011 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

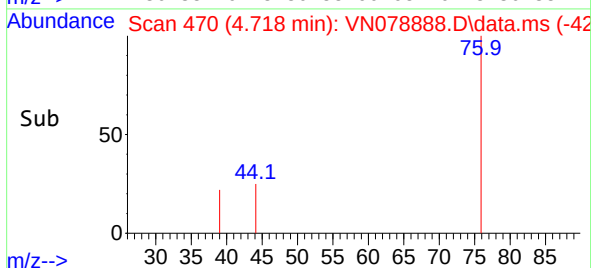
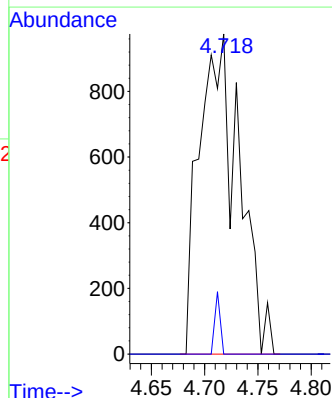
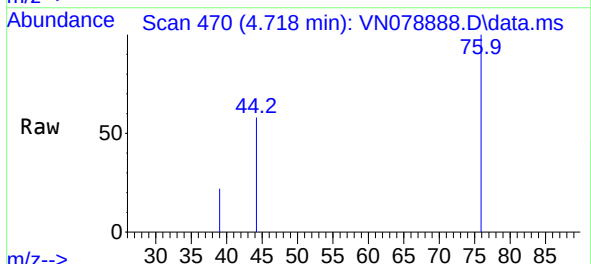
Instrument :  
MSVOA\_N  
ClientSampleId :

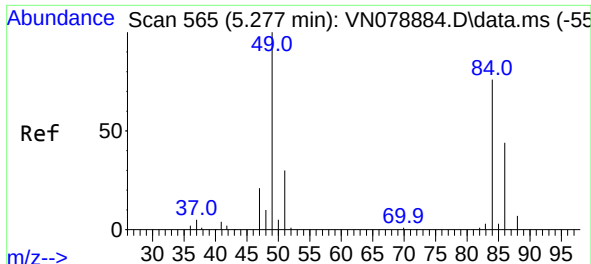
Tgt Ion: 43 Resp: 470  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.0 42.0#



#17  
Carbon Disulfide  
Concen: 0.721 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

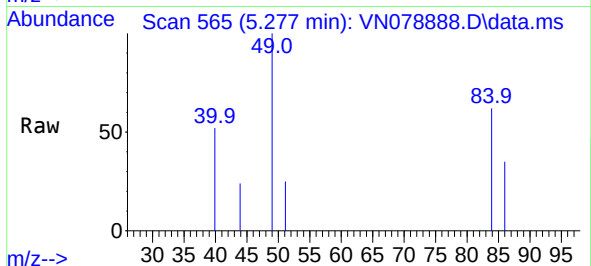
Tgt Ion: 76 Resp: 2530  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#





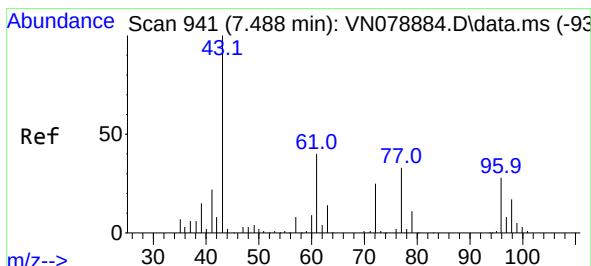
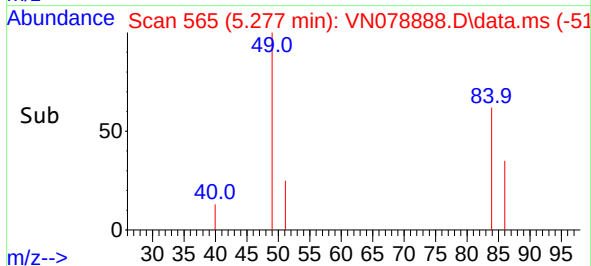
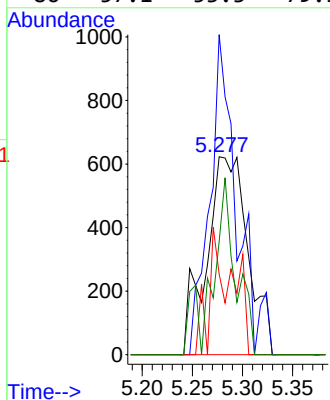
#20  
Methylene Chloride  
Concen: 1.128 ug/l  
RT: 5.277 min Scan# 501  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 84 Resp: 1801

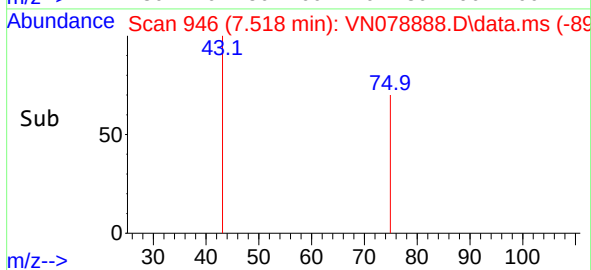
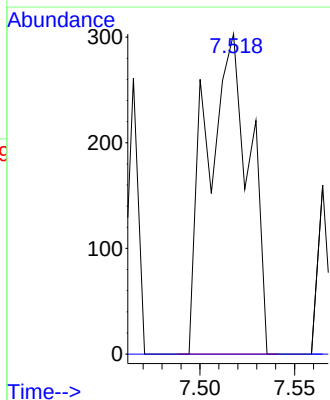
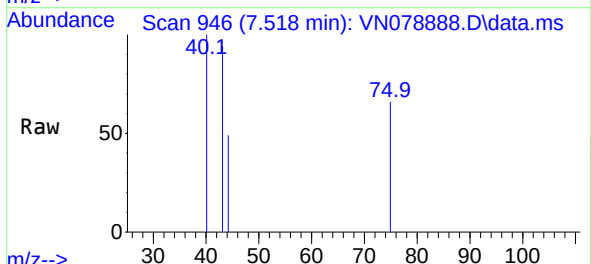
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 161.6 | 79.7  | 119.5# |
| 51  | 40.8  | 25.2  | 37.8#  |
| 86  | 57.1  | 53.3  | 79.9   |

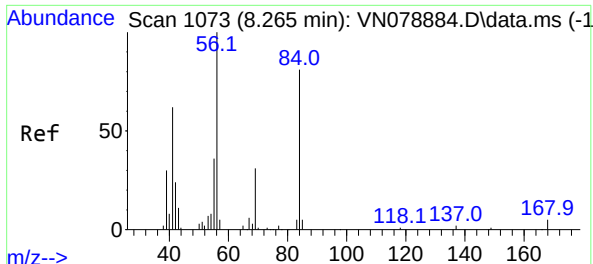


#25  
2-Butanone  
Concen: 0.397 ug/l  
RT: 7.518 min Scan# 946  
Delta R.T. 0.024 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 43 Resp: 477

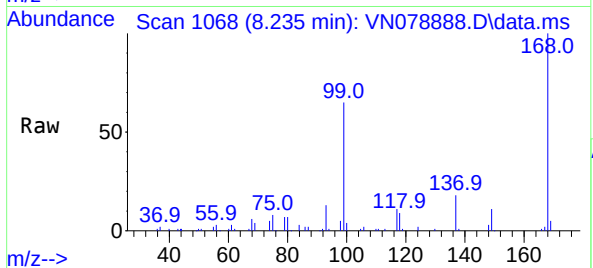
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 0.0   | 30.2  | 45.2# |



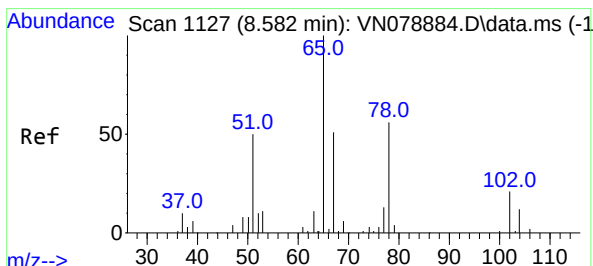
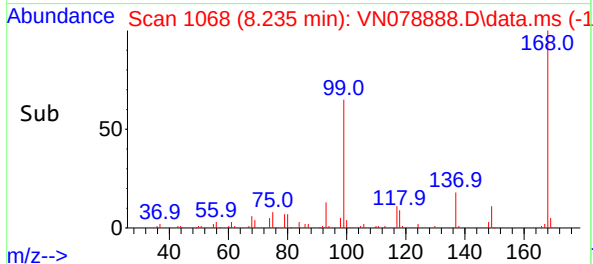
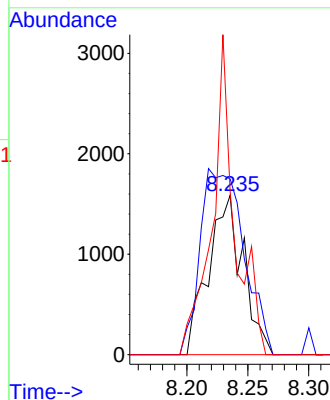


#31  
Cyclohexane  
Concen: Below Cal  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.030 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Instrument :  
MSVOA\_N  
ClientSampleId :

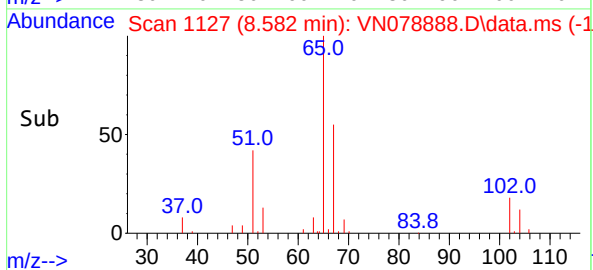
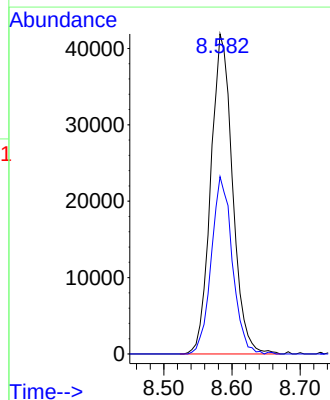
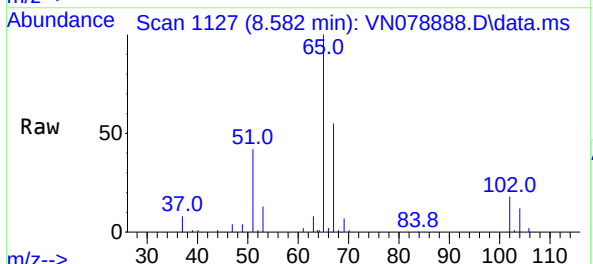


Tgt Ion: 56 Resp: 3169  
Ion Ratio Lower Upper  
56 100  
69 110.3 26.8 40.2#  
84 102.5 81.8 122.6

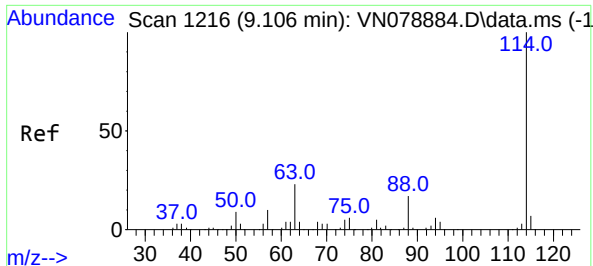


#33  
1,2-Dichloroethane-d4  
Concen: 51.220 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.001 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 65 Resp: 93013  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 106.6



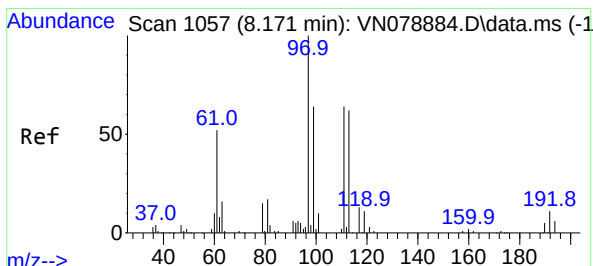
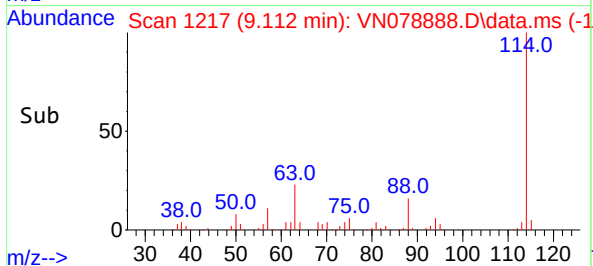
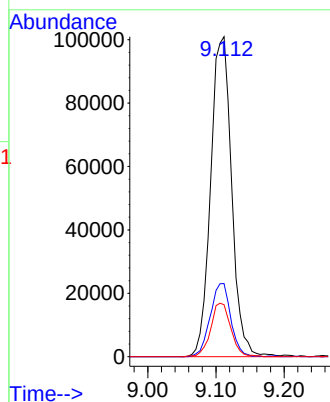
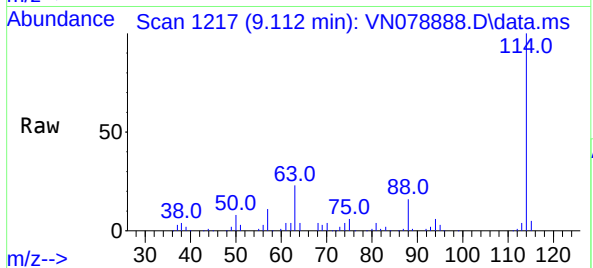




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.112 min Scan# 114  
Delta R.T. -0.000 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

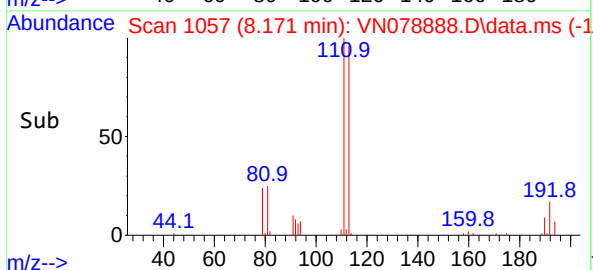
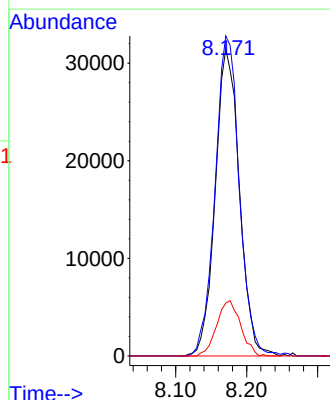
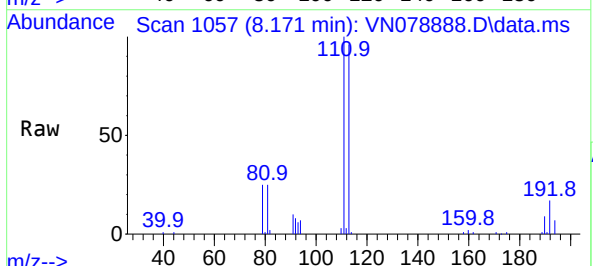
Instrument :  
MSVOA\_N  
ClientSampleId :

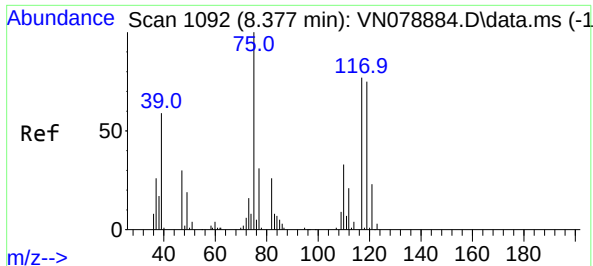
Tgt Ion:114 Resp: 216127  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 36.4  
88 16.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 51.066 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion:113 Resp: 74294  
Ion Ratio Lower Upper  
113 100  
111 104.7 82.6 123.8  
192 17.8 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

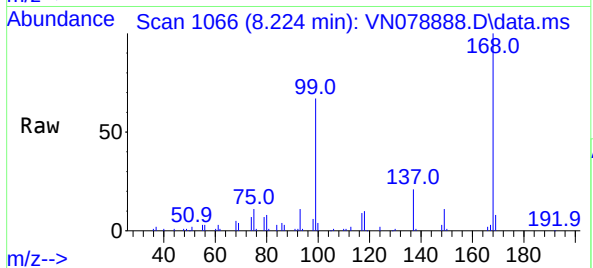
Lab File: VN078888.D

Acq: 15 Aug 2023 13:50

Instrument :

MSVOA\_N

ClientSampleId :



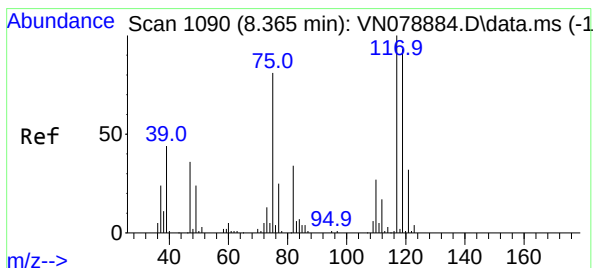
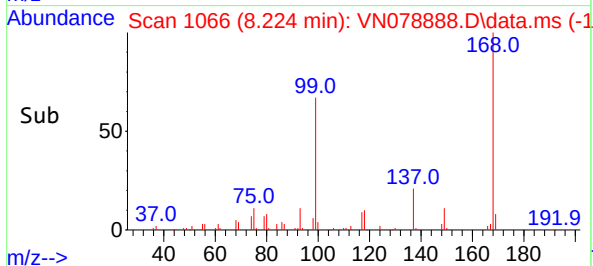
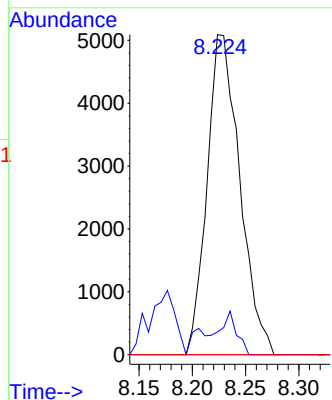
Tgt Ion: 75 Resp: 10877

Ion Ratio Lower Upper

75 100

110 6.6 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.653 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN078888.D

Acq: 15 Aug 2023 13:50

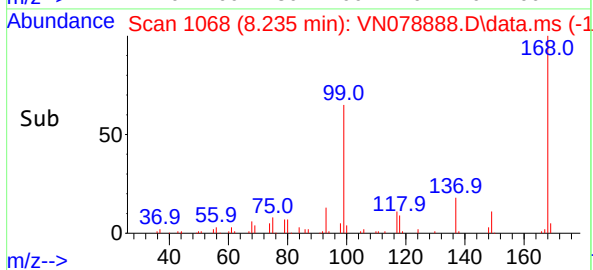
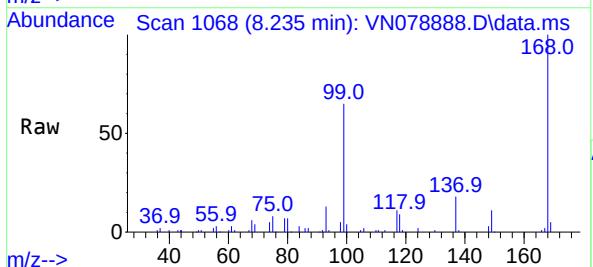
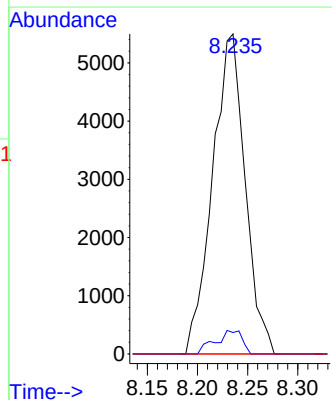
Tgt Ion: 117 Resp: 12396

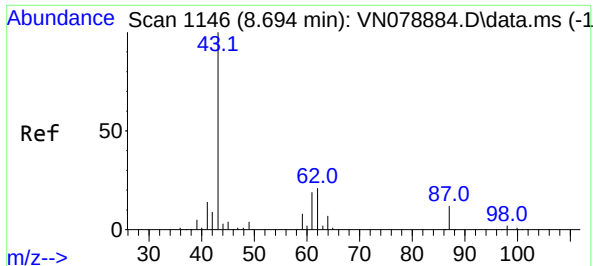
Ion Ratio Lower Upper

117 100

119 6.7 77.3 115.9#

121 0.0 23.3 34.9#

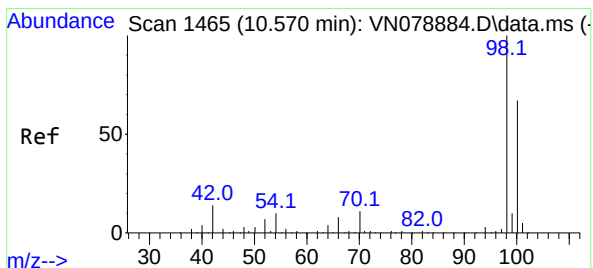
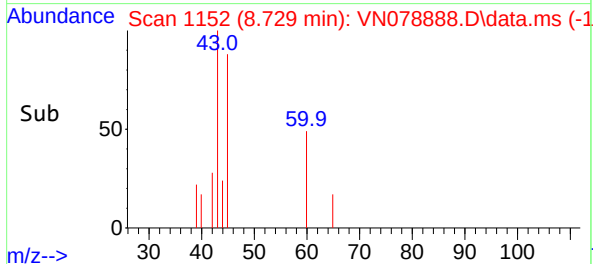
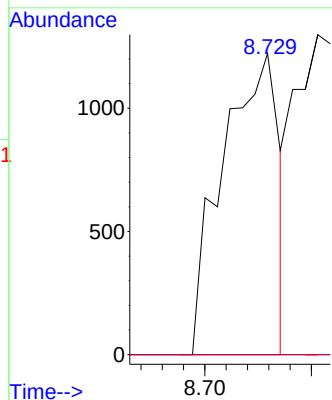
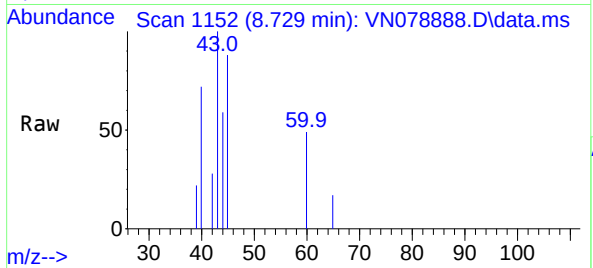




#43  
Isopropyl Acetate  
Concen: 0.517 ug/l  
RT: 8.729 min Scan# 1146  
Delta R.T. 0.035 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

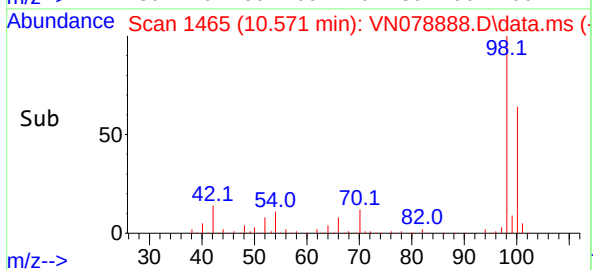
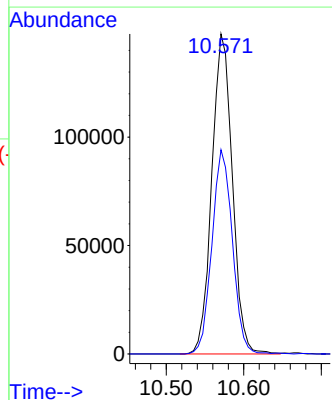
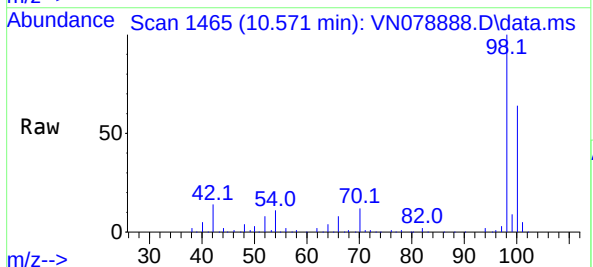
Instrument :  
MSVOA\_N  
ClientSampleId :

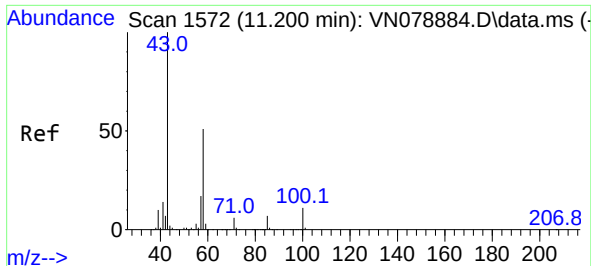
Tgt Ion: 43 Resp: 2239  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.7 37.1#  
87 0.0 14.6 21.8#



#50  
Toluene-d8  
Concen: 50.255 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 98 Resp: 271479  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.0 78.0

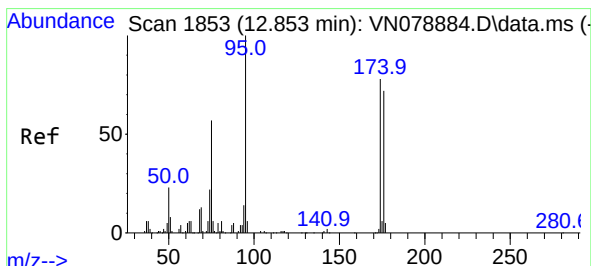
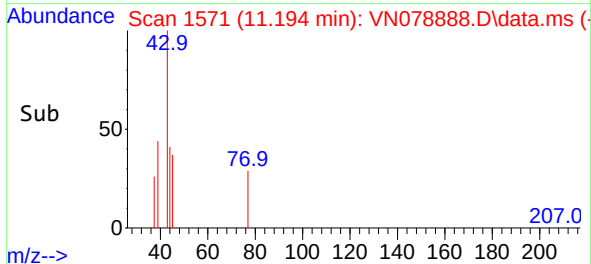
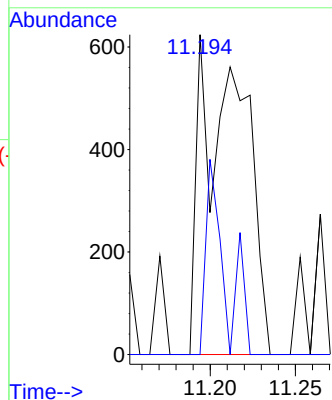
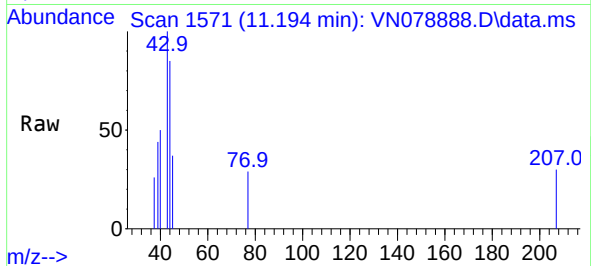




#59  
2-Hexanone  
Concen: 0.592 ug/l  
RT: 11.194 min Scan# 1101  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

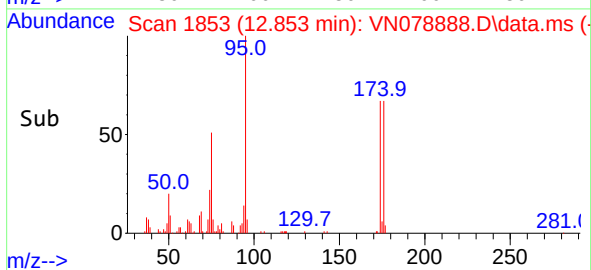
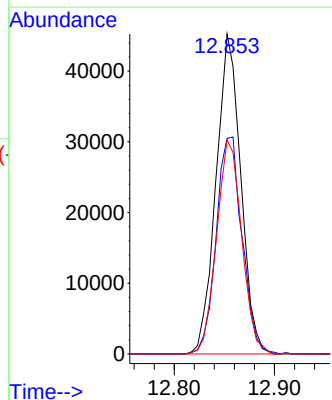
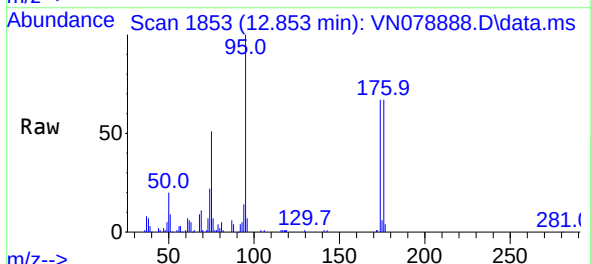
Instrument :  
MSVOA\_N  
ClientSampleId :

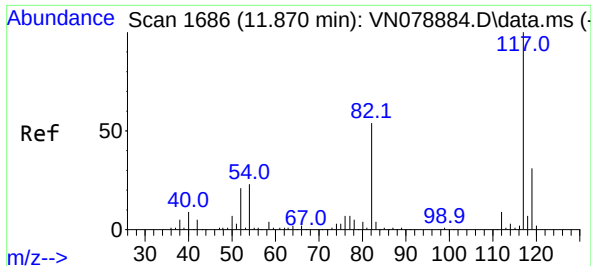
Tgt Ion: 43 Resp: 1101  
Ion Ratio Lower Upper  
43 100  
58 27.1 31.7 95.1#



#62  
4-Bromofluorobenzene  
Concen: 43.904 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 95 Resp: 77521  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 143.8  
176 68.0 0.0 135.8

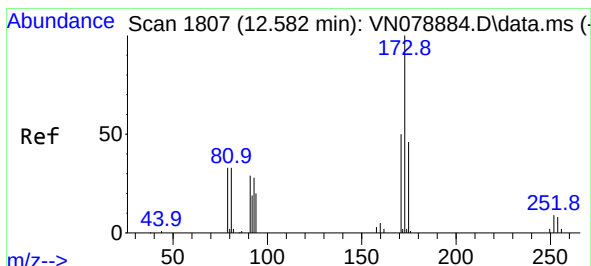
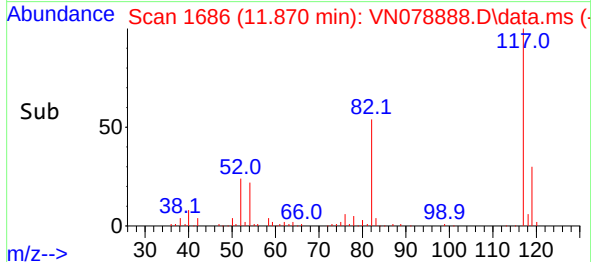
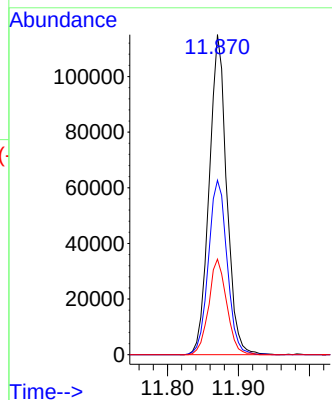
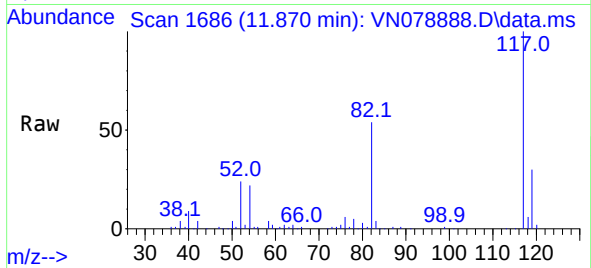




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

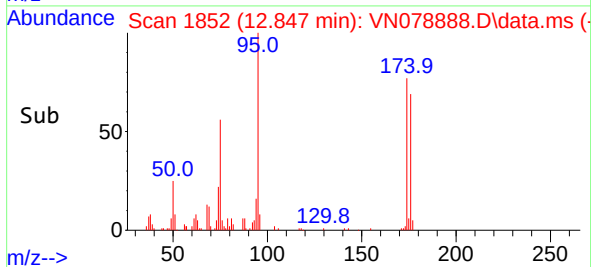
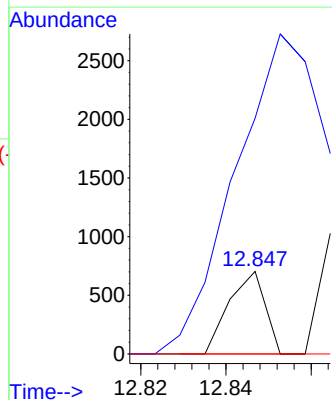
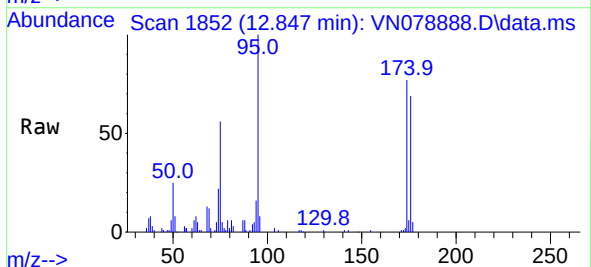
Instrument :  
MSVOA\_N  
ClientSampleId :

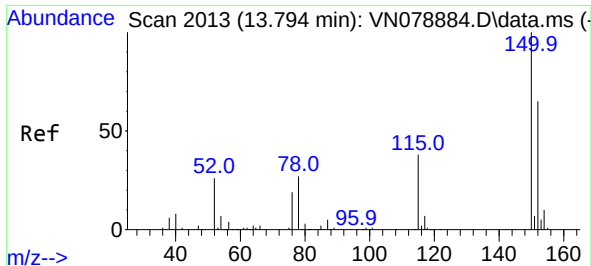
Tgt Ion:117 Resp: 197137  
Ion Ratio Lower Upper  
117 100  
82 54.5 44.0 66.0  
119 29.8 25.6 38.4



#71  
Bromoform  
Concen: 0.359 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.265 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion:173 Resp: 414  
Ion Ratio Lower Upper  
173 100  
175 807.5 24.3 73.0#  
254 0.0 0.0 0.0

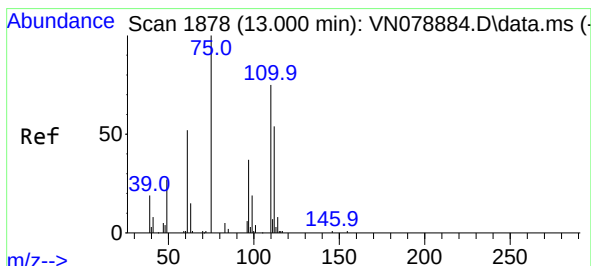
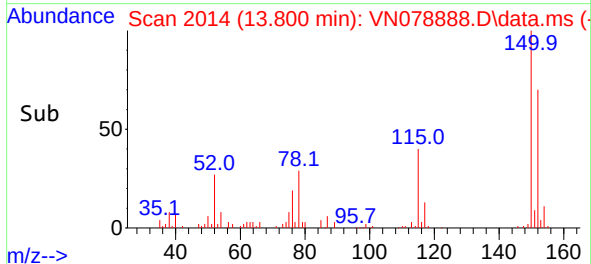
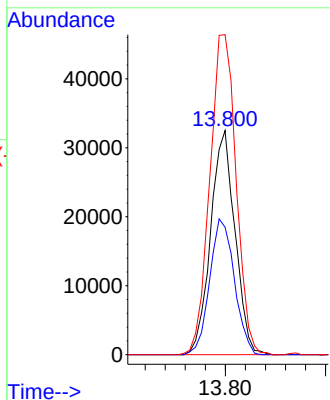
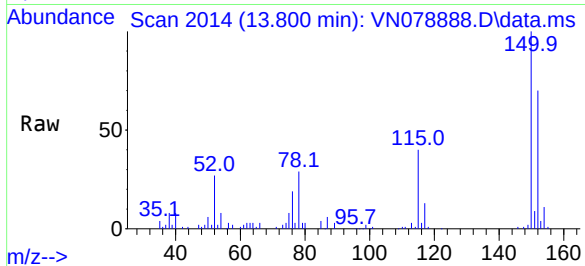




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VN078888.D  
 Acq: 15 Aug 2023 13:50

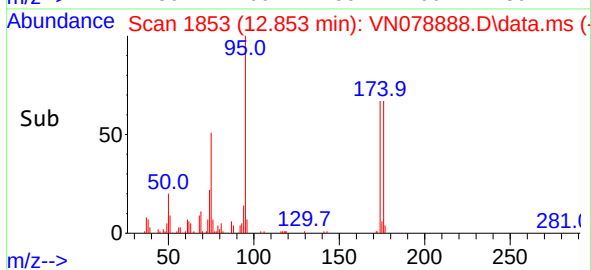
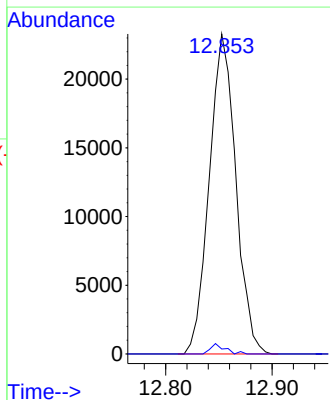
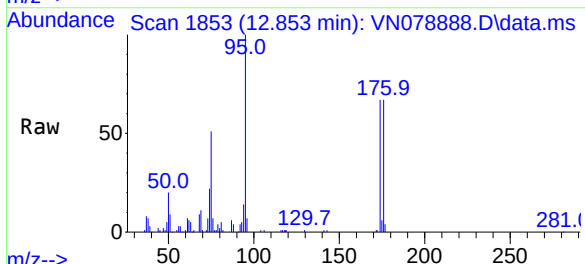
Instrument :  
 MSVOA\_N  
 ClientSampleId :

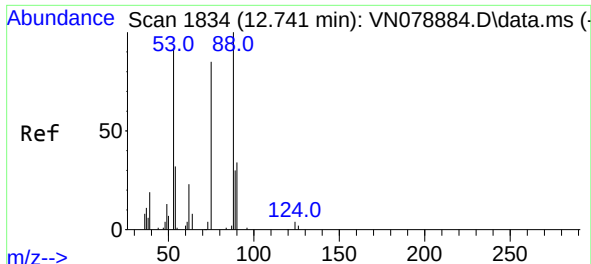
Tgt Ion:152 Resp: 54969  
 Ion Ratio Lower Upper  
 152 100  
 115 61.2 32.3 96.8  
 150 153.8 0.0 355.8



#76  
 1,2,3-Trichloropropane  
 Concen: 30.407 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.147 min  
 Lab File: VN078888.D  
 Acq: 15 Aug 2023 13:50

Tgt Ion: 75 Resp: 40274  
 Ion Ratio Lower Upper  
 75 100  
 77 1.7 84.5 253.5#

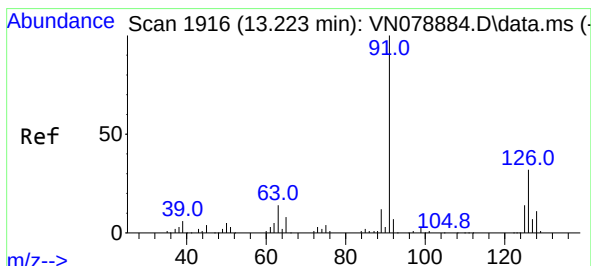
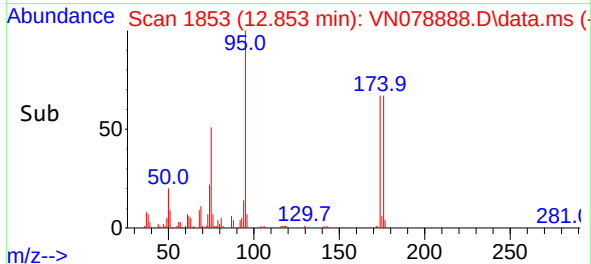
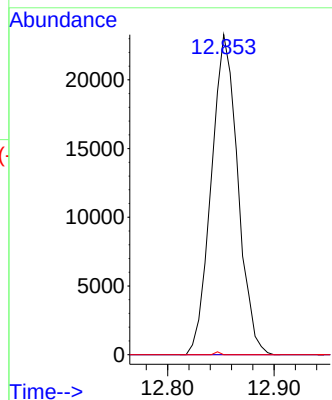
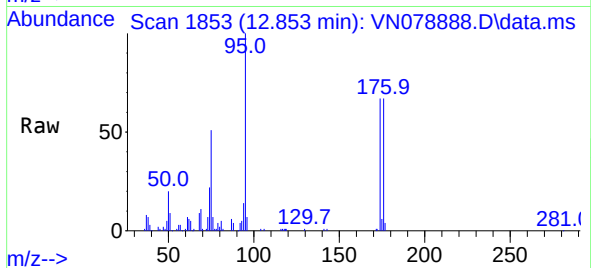




#81  
trans-1,4-Dichloro-2-butene  
Concen: 77.677 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

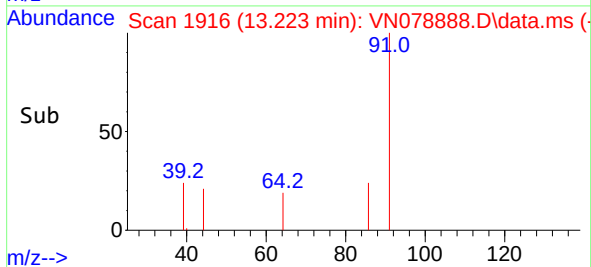
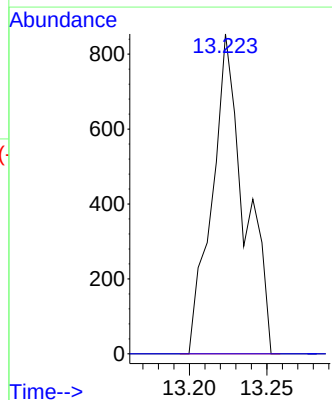
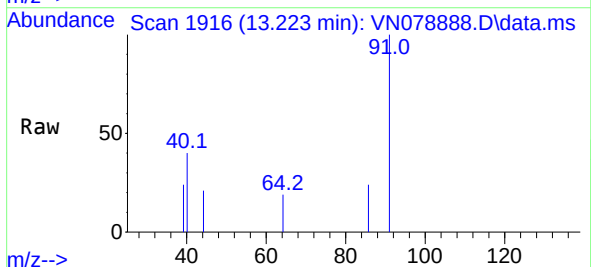
Instrument :  
MSVOA\_N  
ClientSampleId :

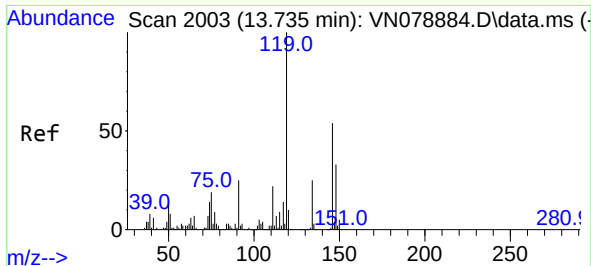
Tgt Ion: 75 Resp: 40274  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.2 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 0.386 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Tgt Ion: 91 Resp: 1246  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.7 50.0#





#87

1,3-Dichlorobenzene

Concen: 0.438 ug/l

RT: 13.747 min Scan# 2005

Delta R.T. 0.006 min

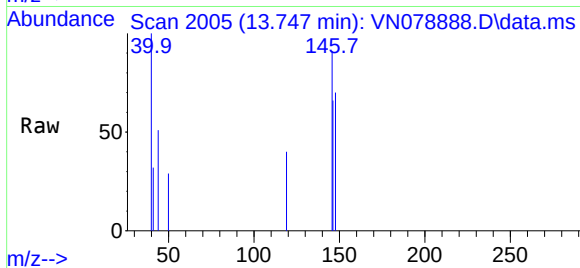
Lab File: VN078888.D

Acq: 15 Aug 2023 13:50

Instrument :

MSVOA\_N

ClientSampleId :



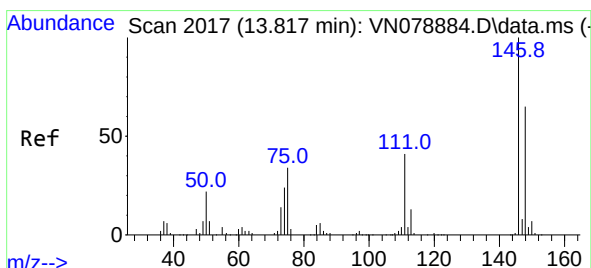
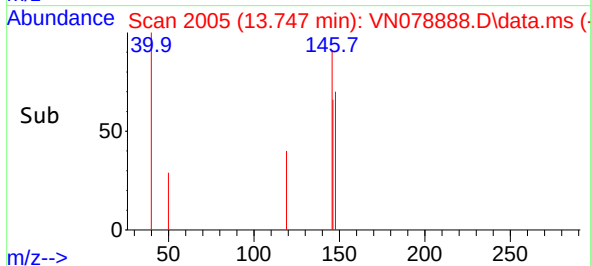
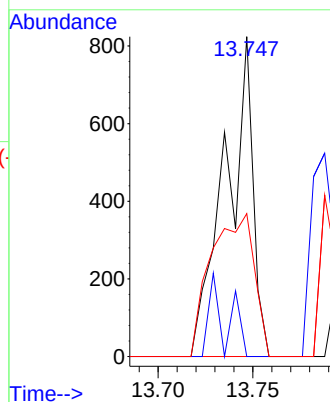
Tgt Ion:146 Resp: 831

Ion Ratio Lower Upper

146 100

111 16.2 22.1 66.3#

148 70.4 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.481 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.007 min

Lab File: VN078888.D

Acq: 15 Aug 2023 13:50

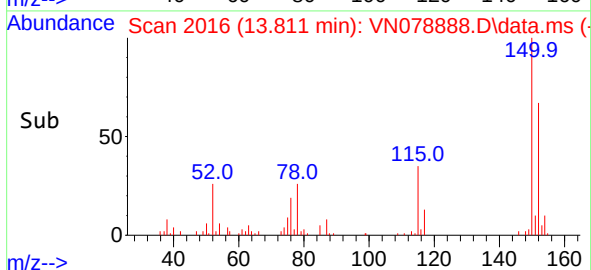
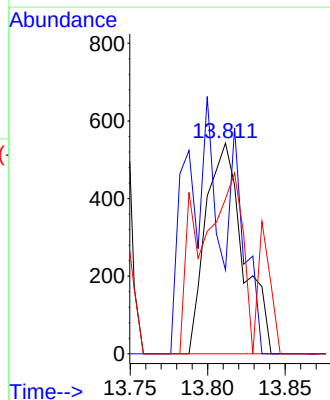
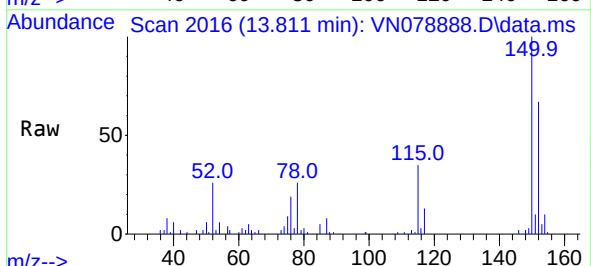
Tgt Ion:146 Resp: 912

Ion Ratio Lower Upper

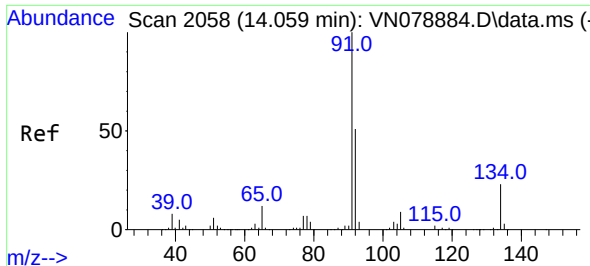
146 100

111 41.2 20.6 61.8

148 96.3 31.6 94.8#

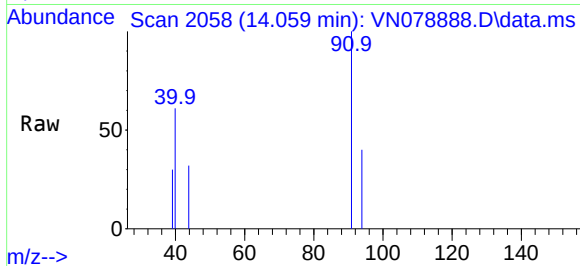




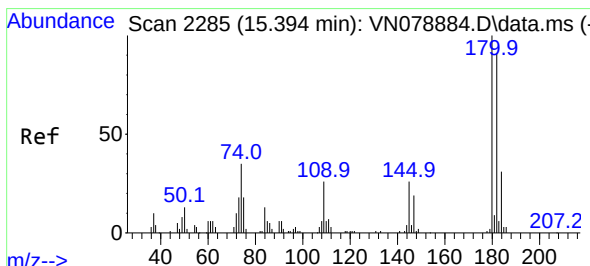
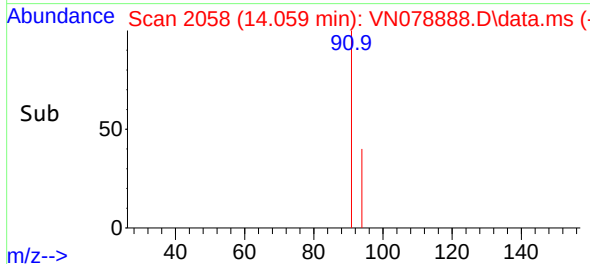
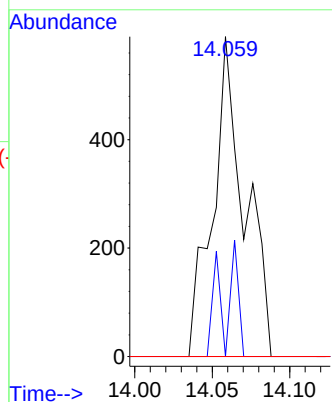


#89  
n-Butylbenzene  
Concen: 0.306 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

Instrument :  
MSVOA\_N  
ClientSampleId :

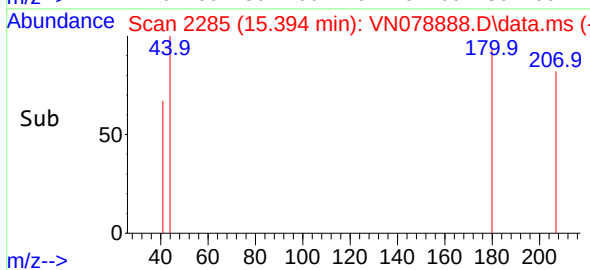
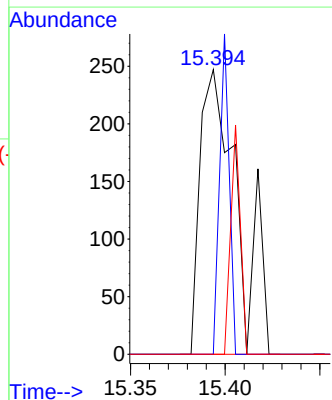
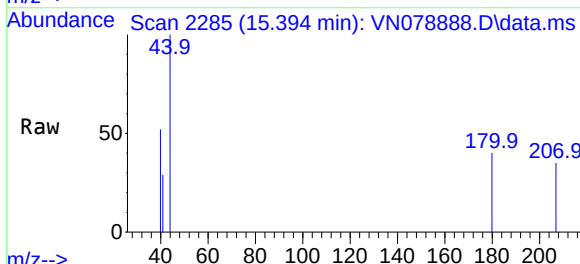


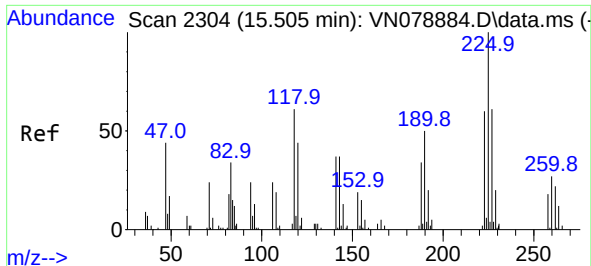
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 845   |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 17.0  | 26.4  | 79.0# |
| 134      | 0.0   | 12.6  | 37.6# |



#93  
1,2,4-Trichlorobenzene  
Concen: 0.515 ug/l  
RT: 15.394 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

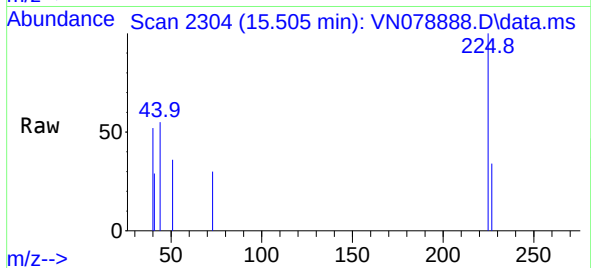
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 344    |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 28.5  | 46.1  | 138.2# |
| 145      | 20.3  | 16.6  | 49.8   |



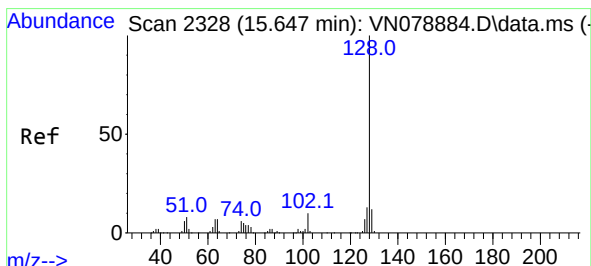
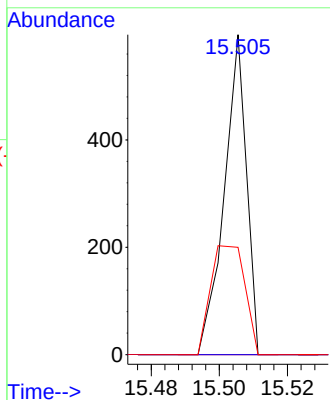
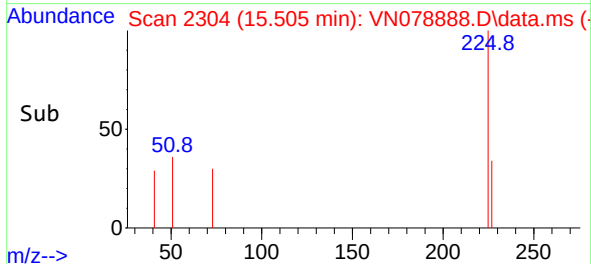


#94  
Hexachlorobutadiene  
Concen: 0.492 ug/l  
RT: 15.505 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50

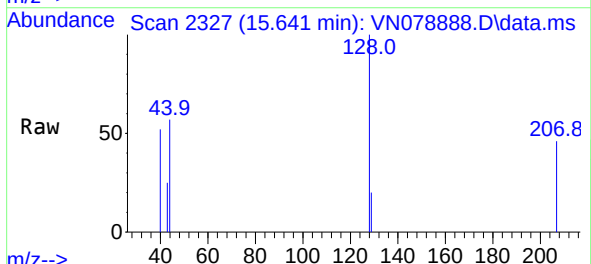
Instrument :  
MSVOA\_N  
ClientSampleId :



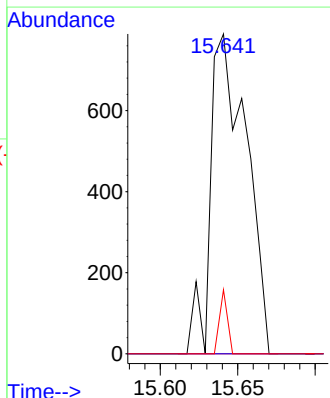
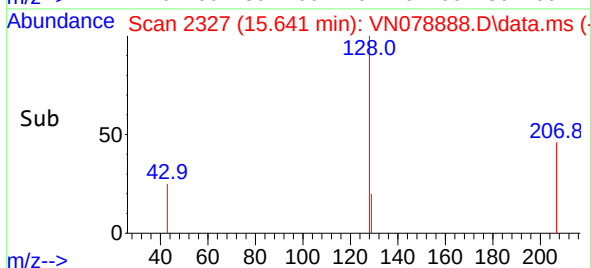
Tgt Ion:225 Resp: 271  
Ion Ratio Lower Upper  
225 100  
223 0.0 31.3 93.8#  
227 52.4 31.9 95.9

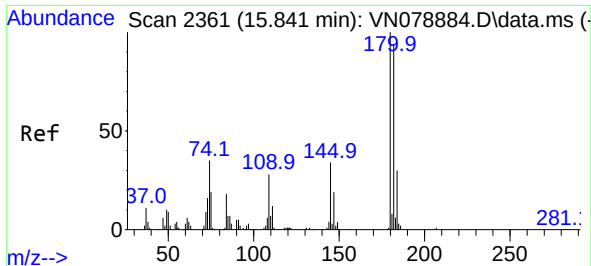


#95  
Naphthalene  
Concen: 3.052 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.006 min  
Lab File: VN078888.D  
Acq: 15 Aug 2023 13:50



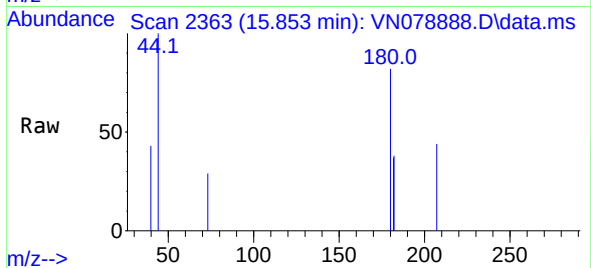
Tgt Ion:128 Resp: 1275  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.0 15.0#  
129 4.4 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.500 ug/l  
 RT: 15.853 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN078888.D  
 Acq: 15 Aug 2023 13:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 366   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 114.2 | 46.2  | 138.6 |
| 145      | 17.5  | 17.5  | 52.6# |

