

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092623\  
 Data File : VN079350.D  
 Acq On : 26 Sep 2023 13:20  
 Operator : JC\MD  
 Sample : 04601-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 27 06:25:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 12 05:05:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 166806              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 310624              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 286505              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 82247               | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.583          | 65   | 130872              | 58.121    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 116.240% |           |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 100681              | 48.727    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 97.460%  |           |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 363529              | 47.916    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 95.840%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 115359              | 47.668    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 95.340%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           |        | Qvalue   |
| 3) Chloromethane              | 2.371          | 50   | 723                 | 0.334     | ug/l # | 42       |
| 5) Bromomethane               | 2.965          | 94   | 598                 | 0.441     | ug/l   | 85       |
| 6) Chloroethane               | 3.124          | 64   | 796                 | Below Cal | #      | 76       |
| 11) Tert butyl alcohol        | 5.518          | 59   | 122                 | 0.293     | ug/l # | 72       |
| 16) Acetone                   | 4.448          | 43   | 19687               | 20.586    | ug/l # | 79       |
| 17) Carbon Disulfide          | 4.706          | 76   | 1509                | 0.271     | ug/l # | 75       |
| 18) Methyl Acetate            | 5.042          | 43   | 1993                | 0.507     | ug/l # | 64       |
| 20) Methylene Chloride        | 5.271          | 84   | 10219               | 4.391     | ug/l   | 89       |
| 25) 2-Butanone                | 7.489          | 43   | 4659                | 3.358     | ug/l # | 76       |
| 29) Tetrahydrofuran           | 7.859          | 42   | 542                 | 0.614     | ug/l # | 20       |
| 31) Cyclohexane               | 8.230          | 56   | 4841                | 1.472     | ug/l # | 30       |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 15267               | 4.794     | ug/l # | 47       |
| 37) Ethyl Acetate             | 7.565          | 43   | 3643                | 1.147     | ug/l # | 69       |
| 38) Carbon Tetrachloride      | 8.224          | 117  | 18154               | 5.508     | ug/l # | 15       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 122806              | 23.693    | ug/l # | 80       |
| 48) Methyl methacrylate       | 9.747          | 41   | 115698              | 49.834    | ug/l # | 30       |
| 49) 1,4-Dioxane               | 9.712          | 88   | 61                  | 1.277     | ug/l # | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.453         | 43   | 12357               | 4.107     | ug/l # | 68       |
| 52) Toluene                   | 10.635         | 92   | 2105                | 0.351     | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.359         | 75   | 44617               | 11.759    | ug/l # | 71       |
| 56) Ethyl methacrylate        | 10.988         | 69   | 1838                | 0.554     | ug/l # | 1        |
| 57) 1,3-Dichloropropane       | 11.206         | 76   | 5699                | 1.402     | ug/l # | 42       |
| 58) 2-Chloroethyl Vinyl ether | 10.159         | 63   | 286                 | Below Cal | #      | 42       |
| 59) 2-Hexanone                | 11.206         | 43   | 70753               | 32.467    | ug/l # | 50       |
| 74) N-amyl acetate            | 12.494         | 43   | 1342                | 0.473     | ug/l # | 41       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935         | 83   | 558                 | 0.200     | ug/l # | 67       |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 64920               | 29.287    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 64920               | 80.517    | ug/l # | 15       |
| 87) 1,3-Dichlorobenzene       | 13.735         | 146  | 665                 | 0.214     | ug/l   | 66       |
| 88) 1,4-Dichlorobenzene       | 13.735         | 146  | 665                 | 0.212     | ug/l   | 67       |
| 91) 1,2-Dichlorobenzene       | 14.112         | 146  | 782                 | 0.255     | ug/l # | 71       |
| 95) Naphthalene               | 15.641         | 128  | 926                 | 0.283     | ug/l # | 70       |
| 96) 1,2,3-Trichlorobenzene    | 15.841         | 180  | 370                 | 0.285     | ug/l # | 68       |
| -----                         |                |      |                     |           |        |          |

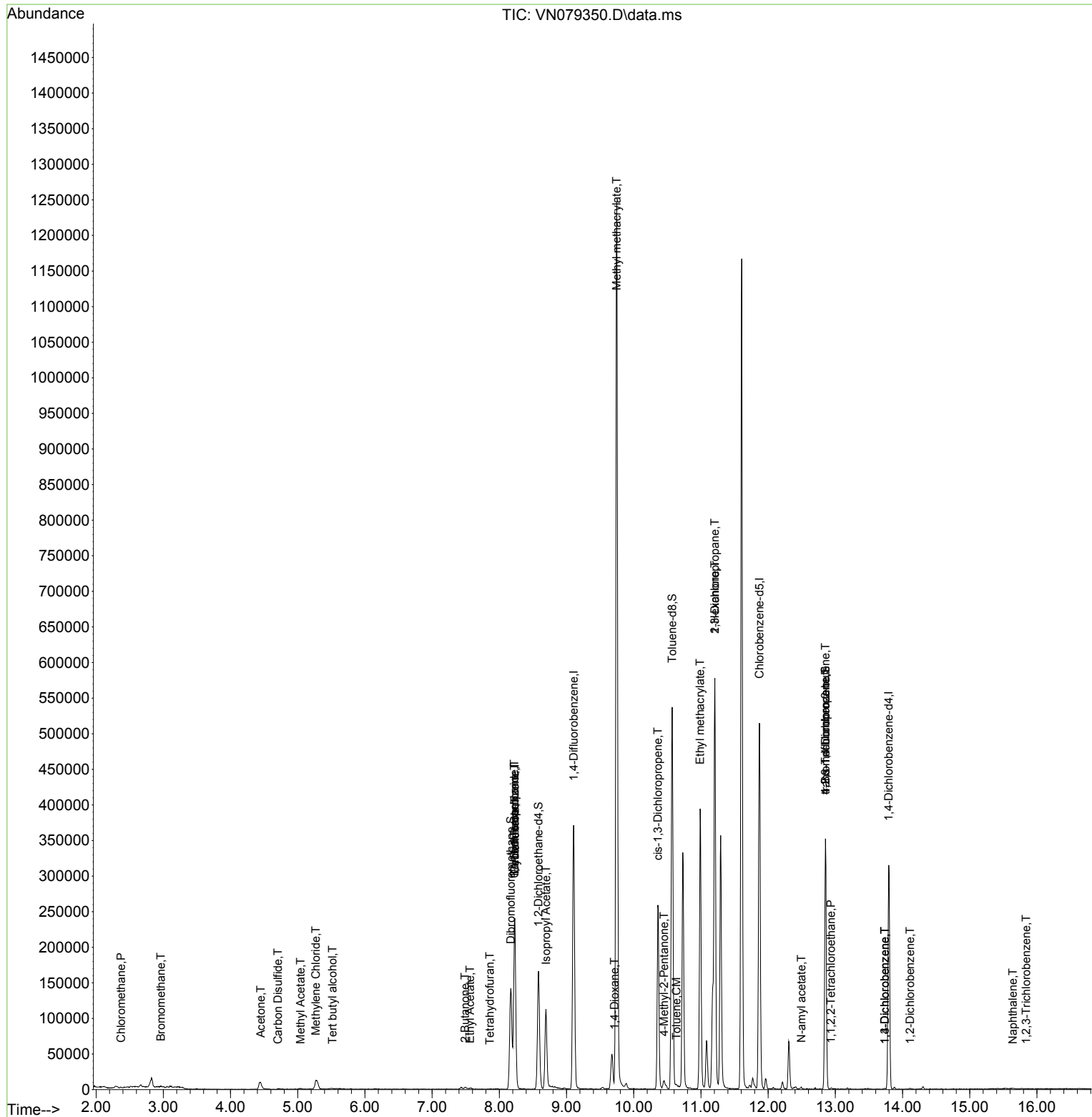
(#) = qualifier out of range (m) = manual integration (+) = signals summed

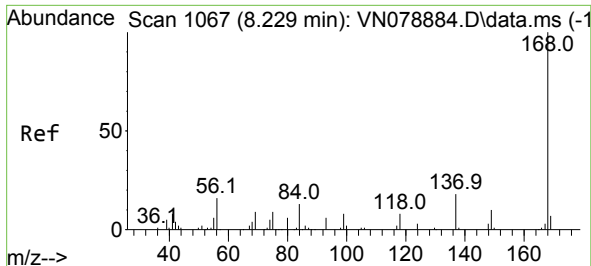
Instrument :  
MSVOA\_N  
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092623\  
Data File : VN079350.D  
Acq On : 26 Sep 2023 13:20  
Operator : JC\MD  
Sample : 04601-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

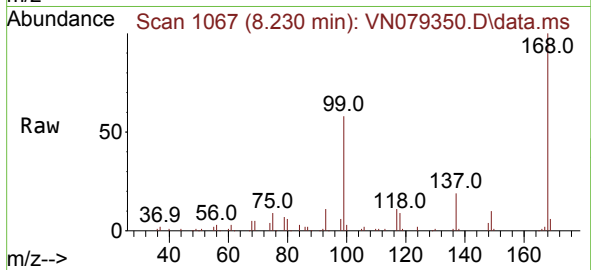
Quant Time: Sep 27 06:25:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration



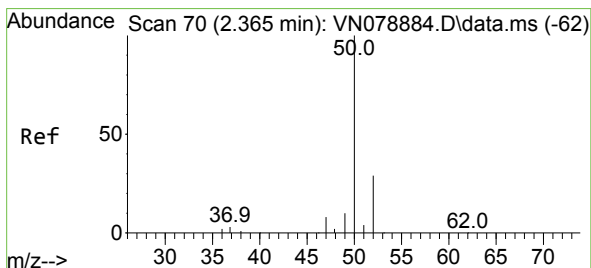
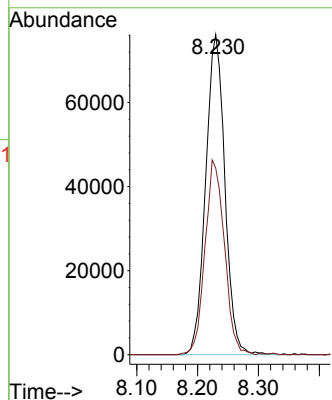
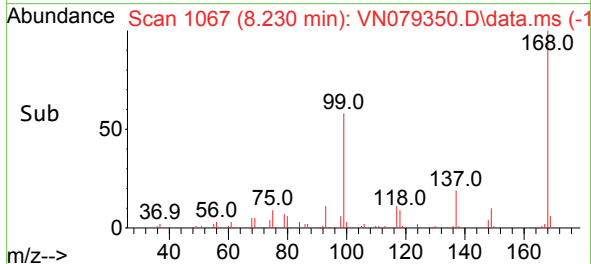


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

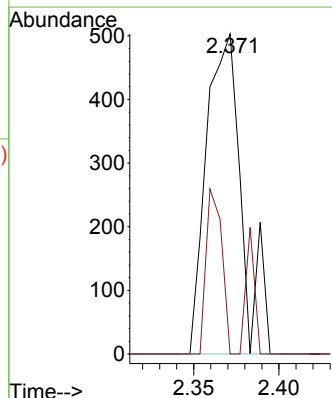
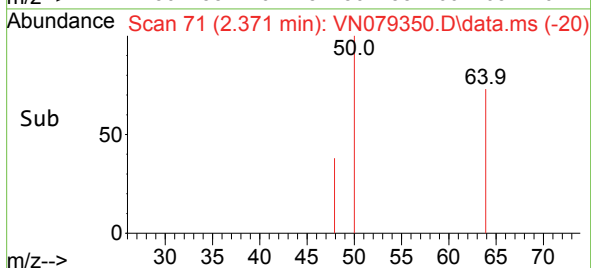
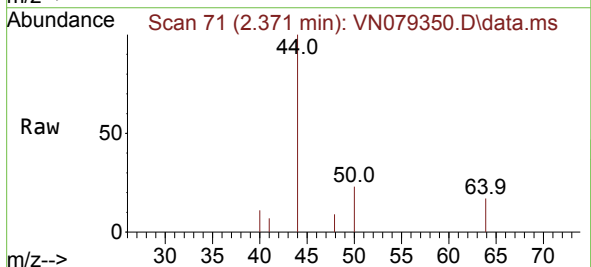


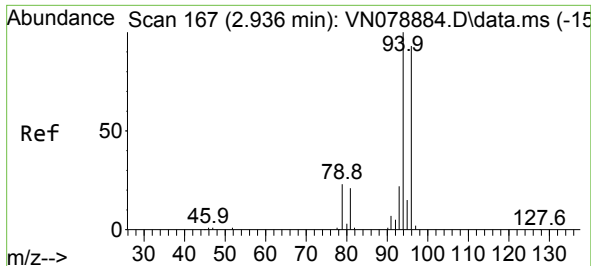
Tgt Ion:168 Resp: 166806  
Ion Ratio Lower Upper  
168 100  
99 58.3 53.0 79.6



#3  
Chloromethane  
Concen: 0.334 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 50 Resp: 723  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.5 39.7#





#5

Bromomethane

Concen: 0.441 ug/l

RT: 2.965 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

Instrument :

MSVOA\_N

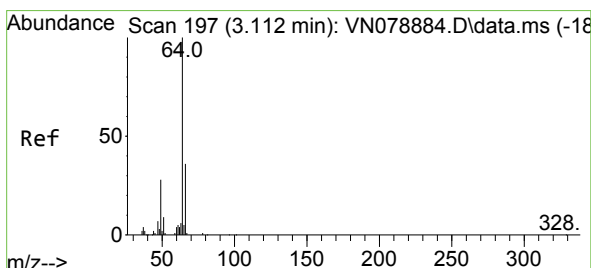
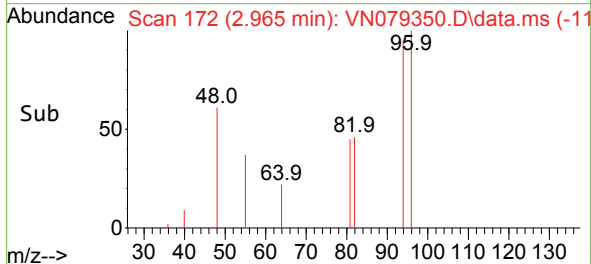
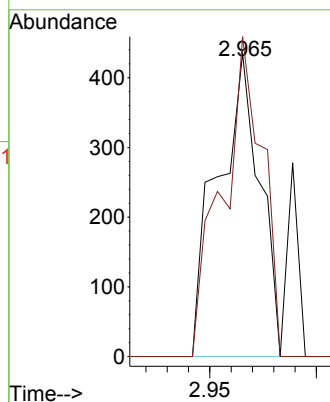
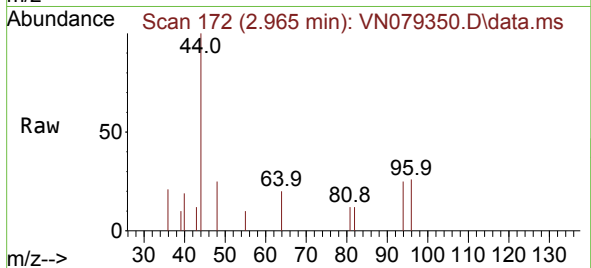
ClientSampleId :

Tgt Ion: 94 Resp: 598

Ion Ratio Lower Upper

94 100

96 105.5 73.1 109.7



#6

Chloroethane

Concen: Below Cal

RT: 3.124 min Scan# 199

Delta R.T. 0.006 min

Lab File: VN079350.D

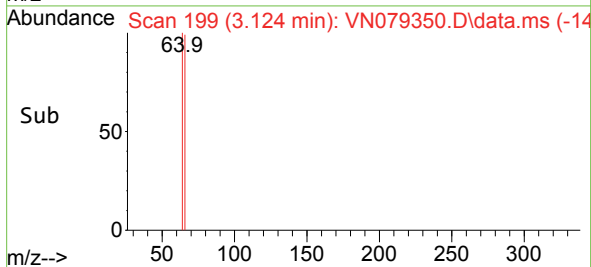
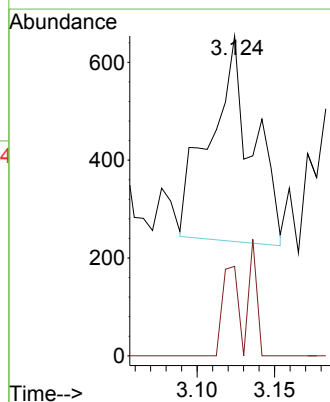
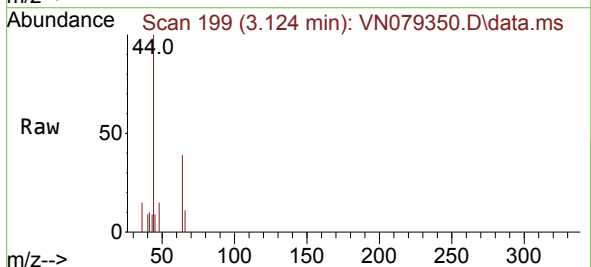
Acq: 26 Sep 2023 13:20

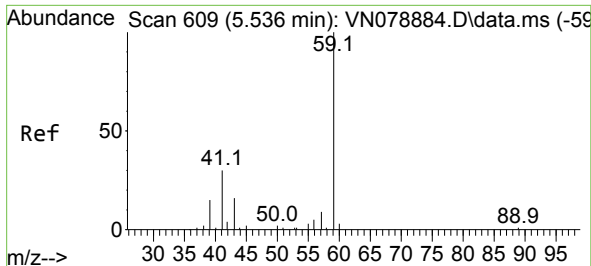
Tgt Ion: 64 Resp: 796

Ion Ratio Lower Upper

64 100

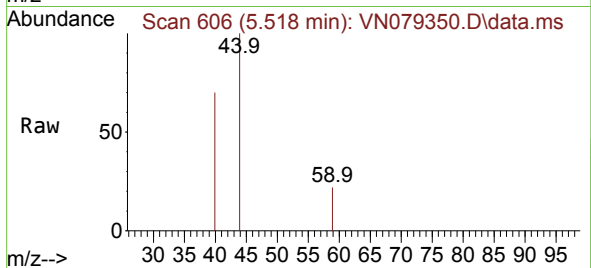
66 45.0 25.4 38.2#



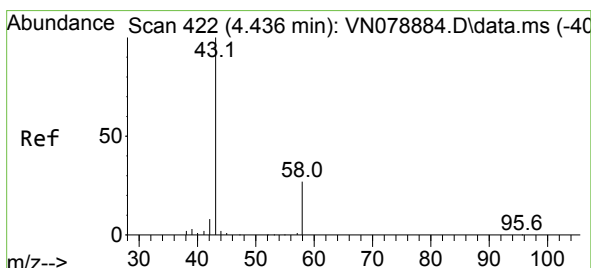
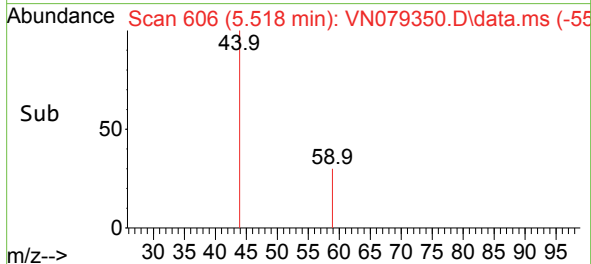
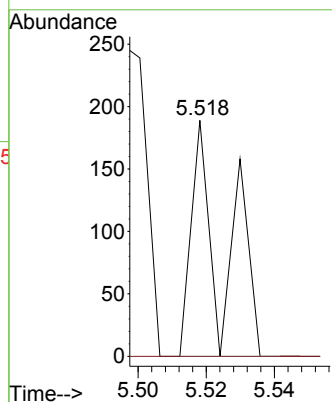


#11  
Tert butyl alcohol  
Concen: 0.293 ug/l  
RT: 5.518 min Scan# 609  
Delta R.T. -0.024 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

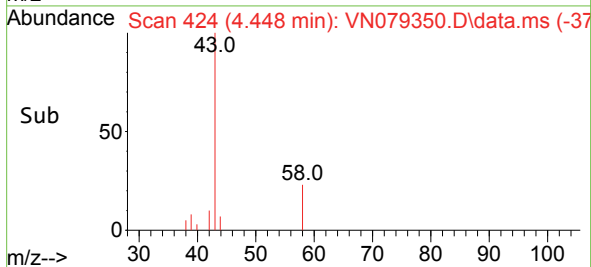
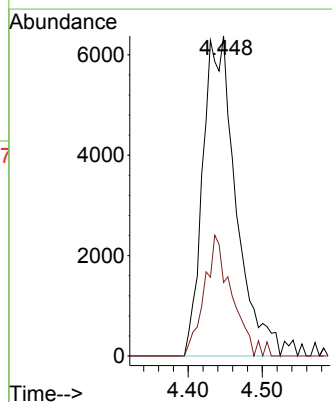
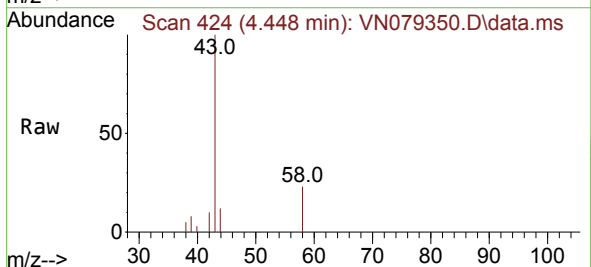


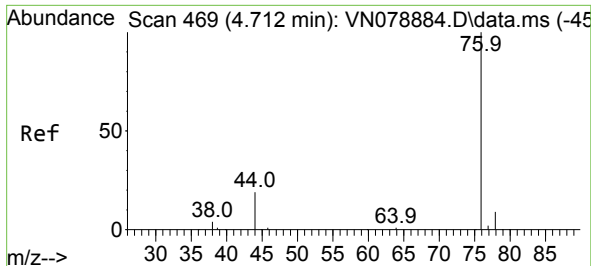
Tgt Ion: 59 Resp: 122  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 20.586 ug/l  
RT: 4.448 min Scan# 424  
Delta R.T. 0.006 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

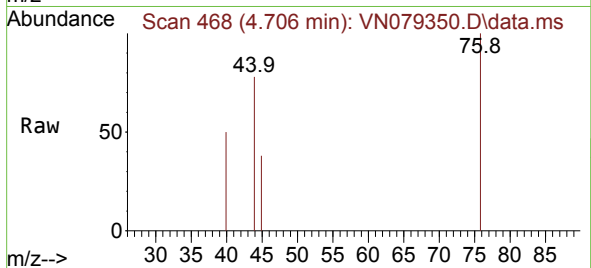
Tgt Ion: 43 Resp: 19687  
Ion Ratio Lower Upper  
43 100  
58 23.0 28.0 42.0#



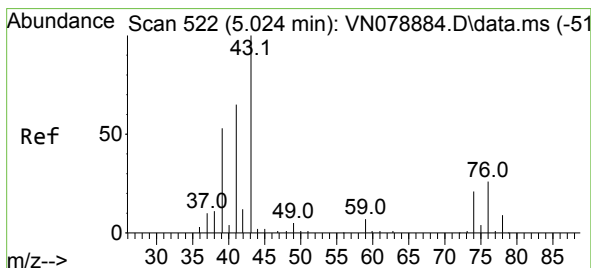
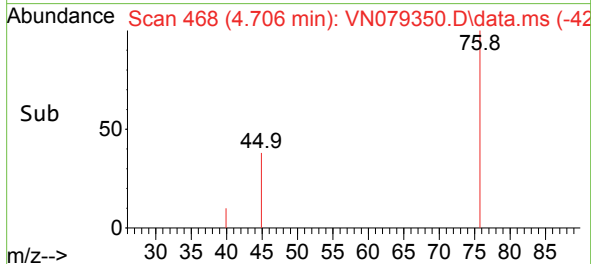
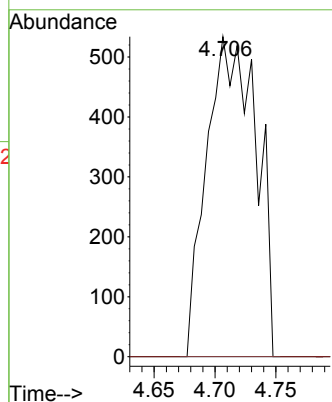


#17  
Carbon Disulfide  
Concen: 0.271 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.018 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

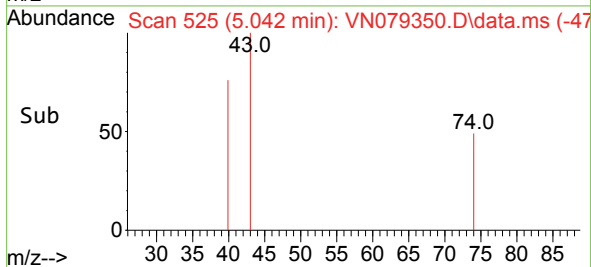
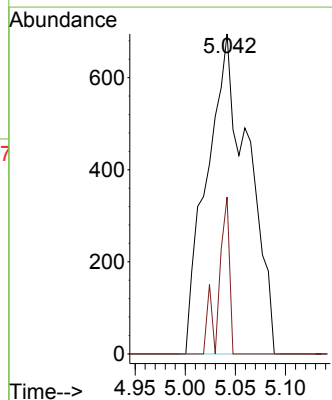
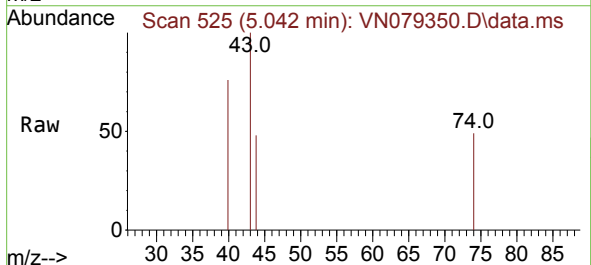


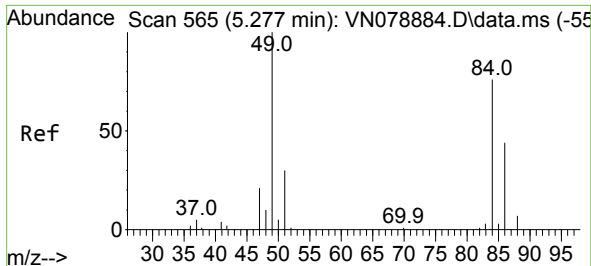
Tgt Ion: 76 Resp: 1509  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#18  
Methyl Acetate  
Concen: 0.507 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. -0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

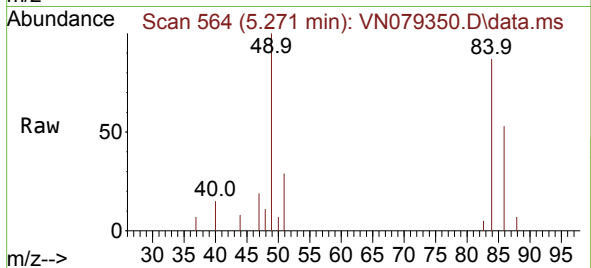
Tgt Ion: 43 Resp: 1993  
Ion Ratio Lower Upper  
43 100  
74 12.7 26.2 39.4#



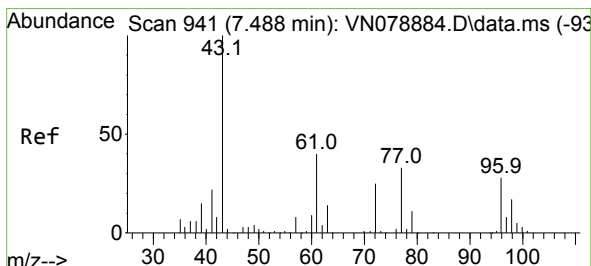
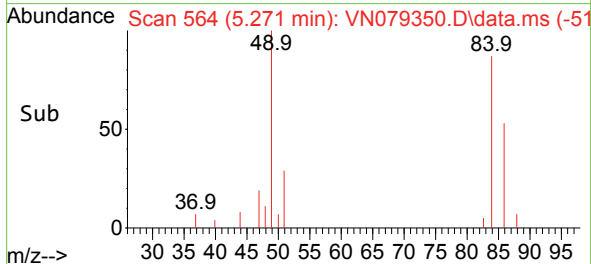
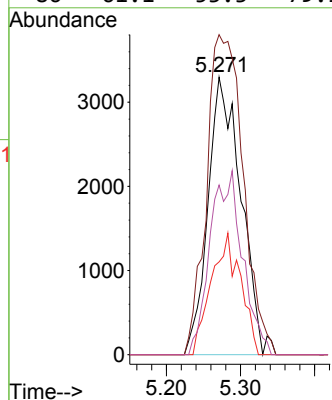


#20  
Methylene Chloride  
Concen: 4.391 ug/l  
RT: 5.271 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

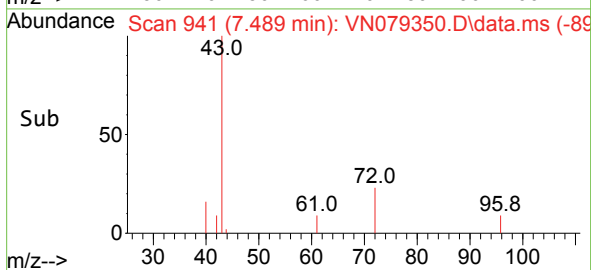
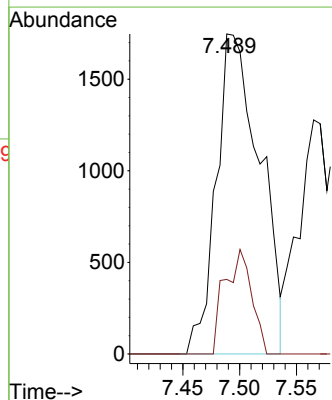
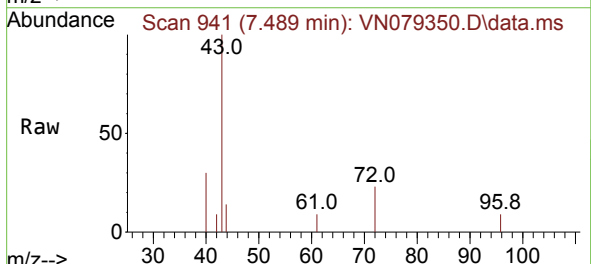


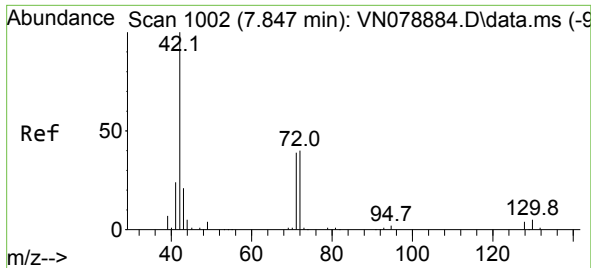
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 10219 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 115.3 | 79.7  | 119.5 |
| 51       | 33.4  | 25.2  | 37.8  |
| 86       | 61.1  | 53.3  | 79.9  |



#25  
2-Butanone  
Concen: 3.358 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. -0.005 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

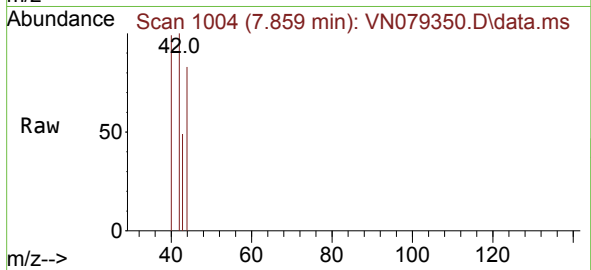
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4659  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.3  | 30.2  | 45.2# |



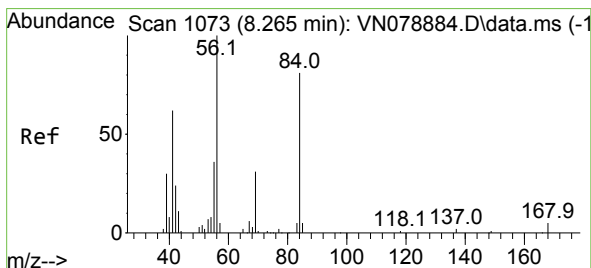
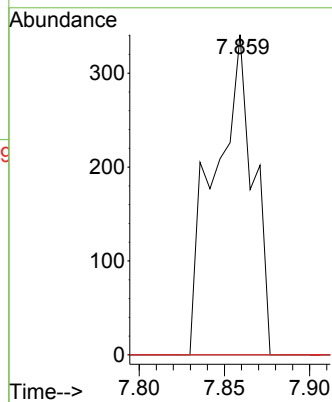
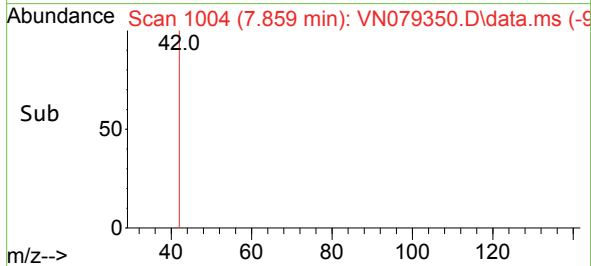


#29  
Tetrahydrofuran  
Concen: 0.614 ug/l  
RT: 7.859 min Scan# 1067  
Delta R.T. 0.012 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

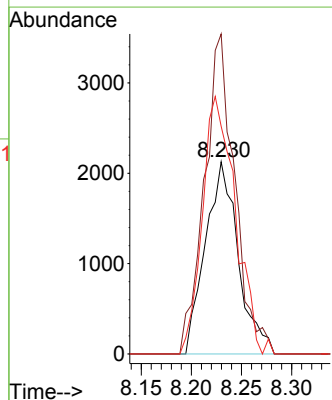
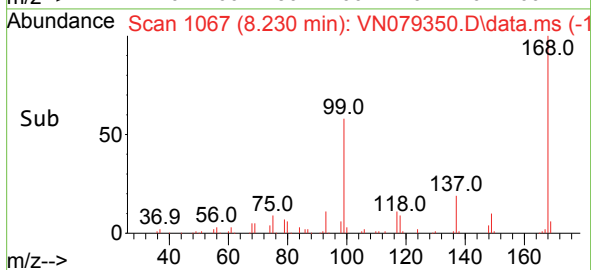
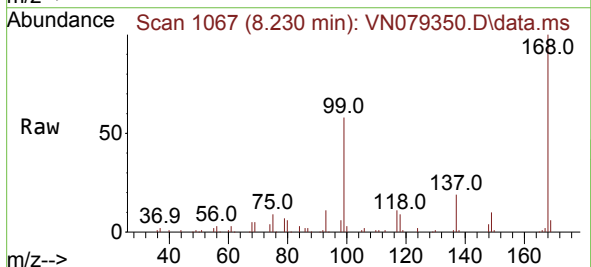


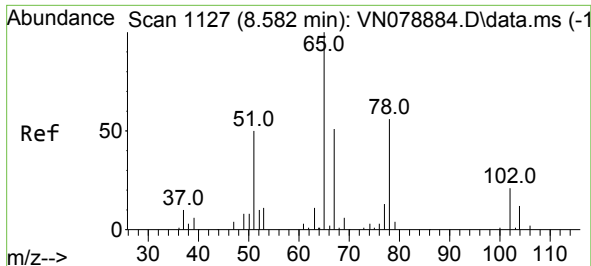
Tgt Ion: 42 Resp: 542  
Ion Ratio Lower Upper  
42 100  
72 0.0 49.8 74.6#  
71 0.0 47.4 71.2#



#31  
Cyclohexane  
Concen: 1.472 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.035 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 56 Resp: 4841  
Ion Ratio Lower Upper  
56 100  
69 166.5 26.8 40.2#  
84 118.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 58.121 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

Instrument :

MSVOA\_N

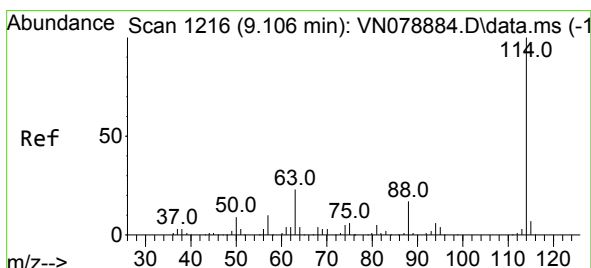
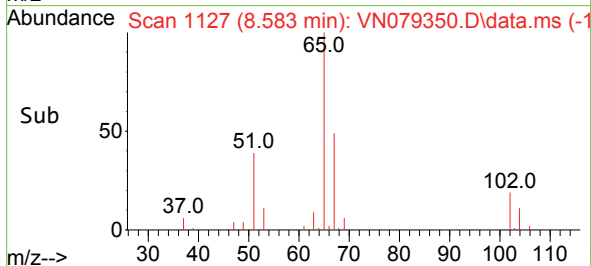
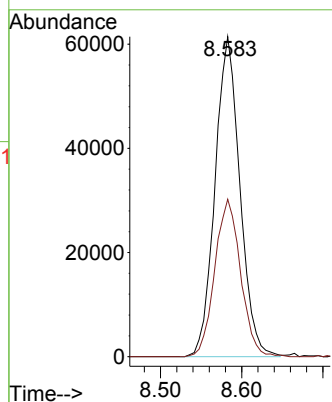
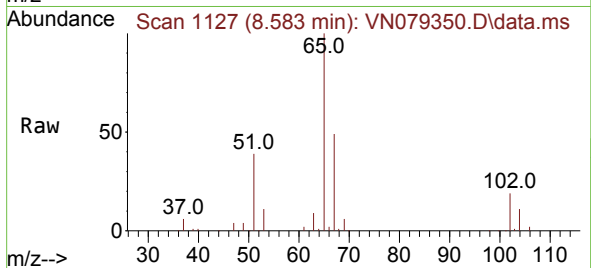
ClientSampleId :

Tgt Ion: 65 Resp: 130872

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. -0.006 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

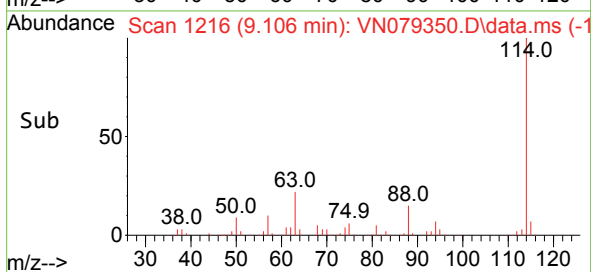
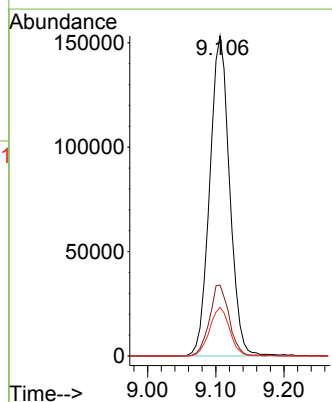
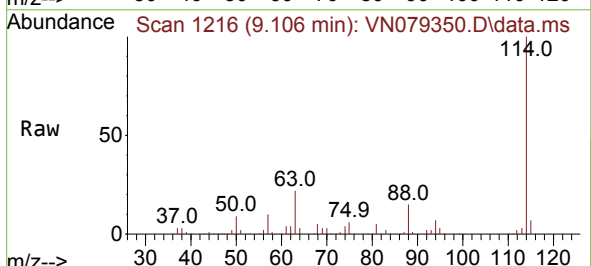
Tgt Ion: 114 Resp: 310624

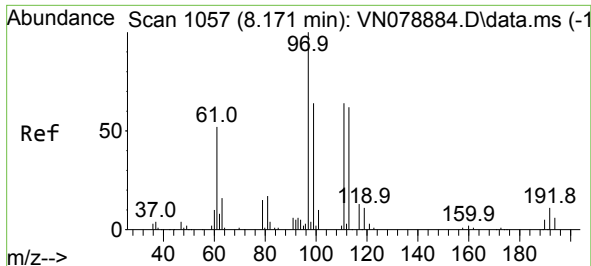
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.2 0.0 30.6

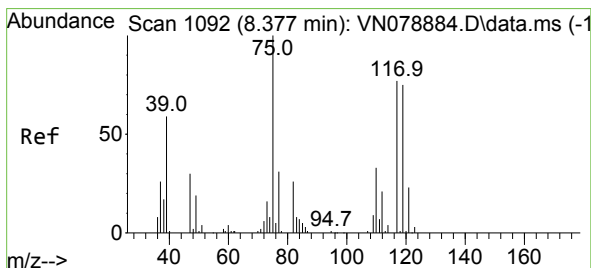
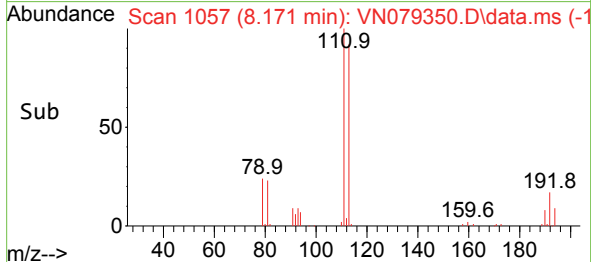
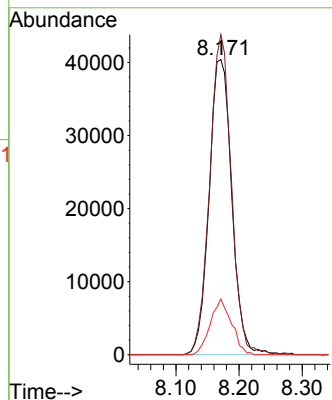
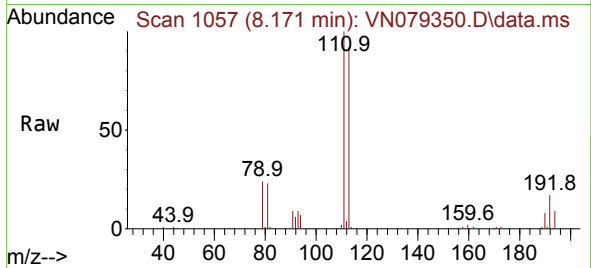




#35  
Dibromofluoromethane  
Concen: 48.727 ug/l  
RT: 8.171 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

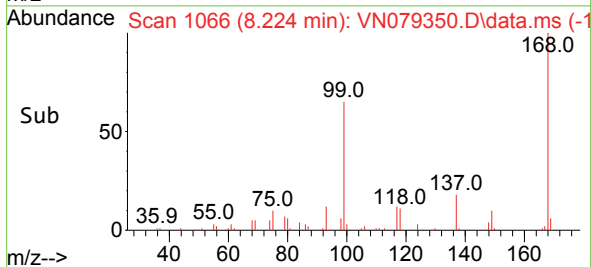
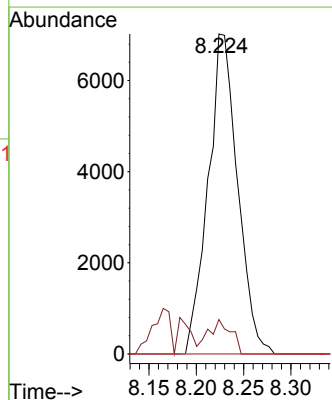
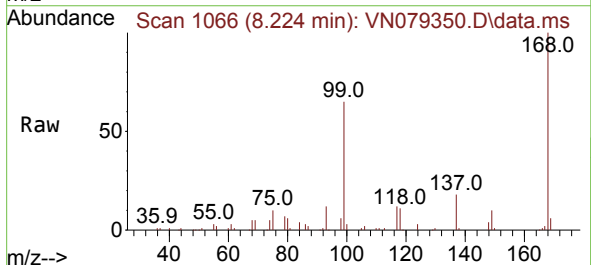
Instrument :  
MSVOA\_N  
ClientSampleId :

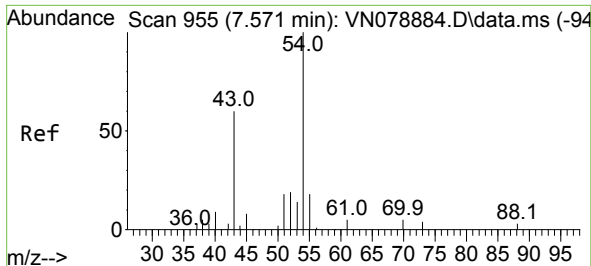
Tgt Ion:113 Resp: 100681  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.6 123.8  
192 17.7 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 4.794 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.153 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 75 Resp: 15267  
Ion Ratio Lower Upper  
75 100  
110 8.2 19.1 57.3#  
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.147 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

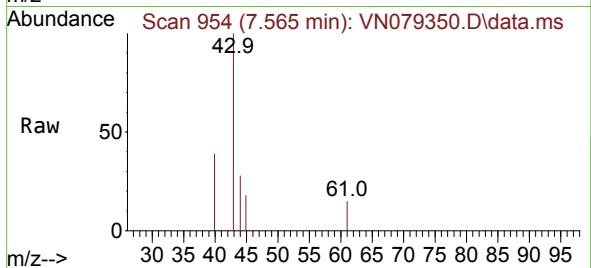
Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

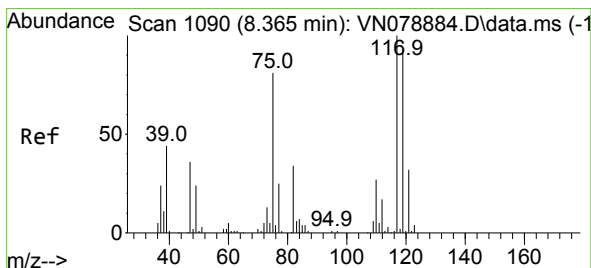
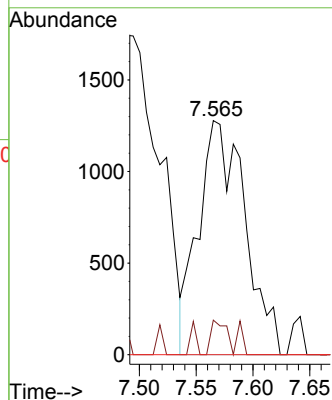
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 3643  |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 4.9   | 13.2  | 19.8# |
| 70        | 0.0   | 11.3  | 16.9# |



#38

Carbon Tetrachloride

Concen: 5.508 ug/l

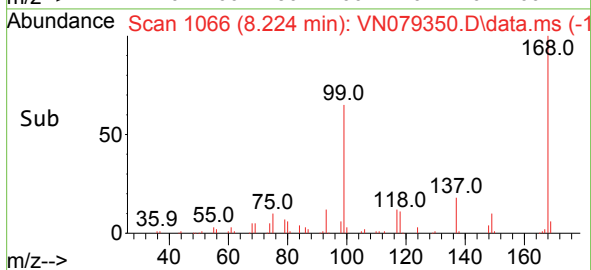
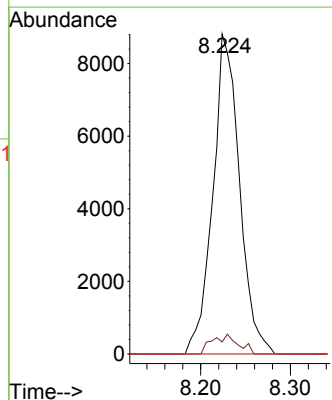
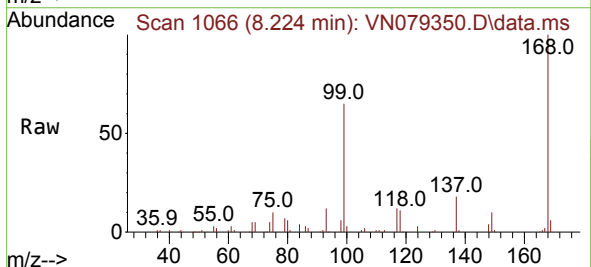
RT: 8.224 min Scan# 1066

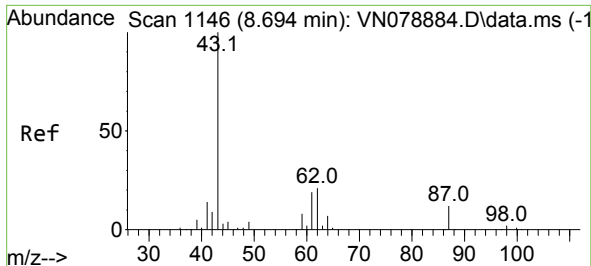
Delta R.T. -0.147 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 18154  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 3.7   | 77.3  | 115.9# |
| 121       | 0.0   | 23.3  | 34.9#  |

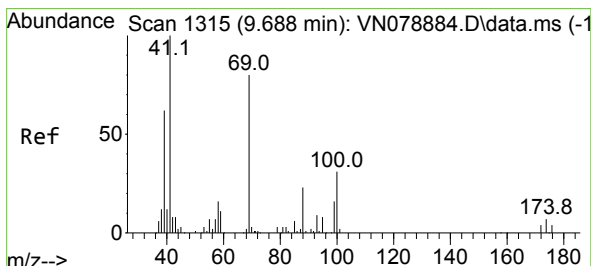
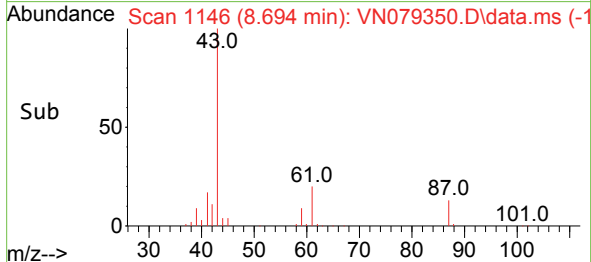
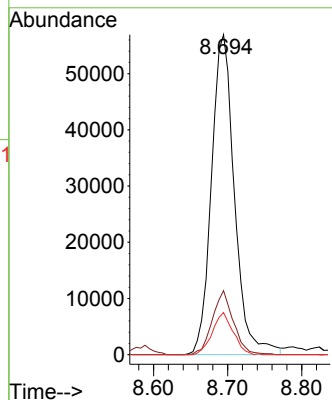
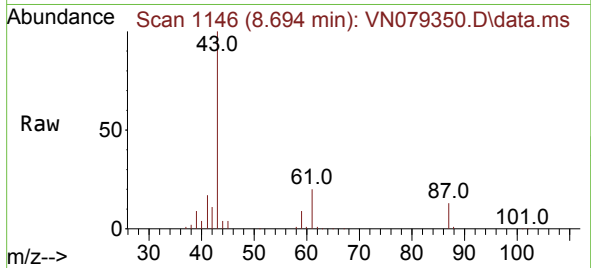




#43  
Isopropyl Acetate  
Concen: 23.693 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

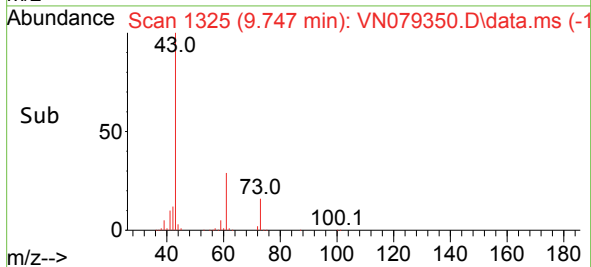
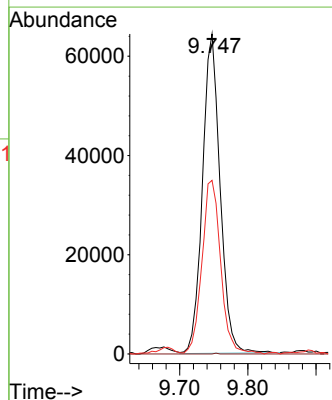
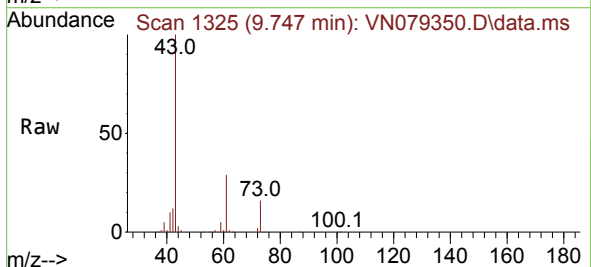
Instrument :  
MSVOA\_N  
ClientSampleId :

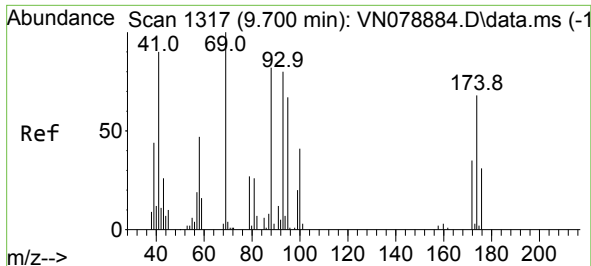
Tgt Ion: 43 Resp: 122806  
Ion Ratio Lower Upper  
43 100  
61 18.4 24.7 37.1#  
87 11.9 14.6 21.8#



#48  
Methyl methacrylate  
Concen: 49.834 ug/l  
RT: 9.747 min Scan# 1325  
Delta R.T. 0.059 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 41 Resp: 115698  
Ion Ratio Lower Upper  
41 100  
69 0.0 90.4 135.6#  
39 57.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1.277 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.012 min

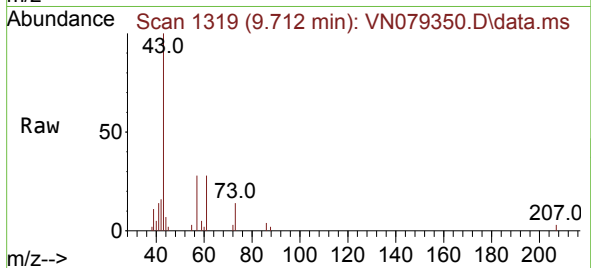
Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

Instrument :

MSVOA\_N

ClientSampleId :



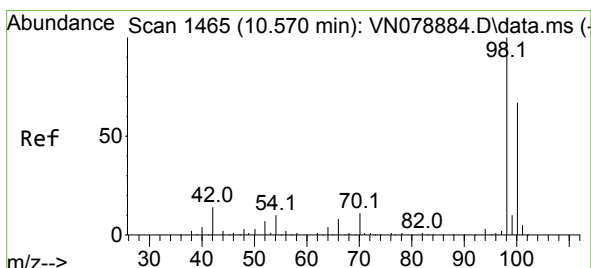
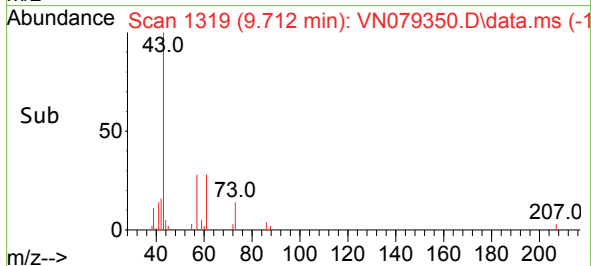
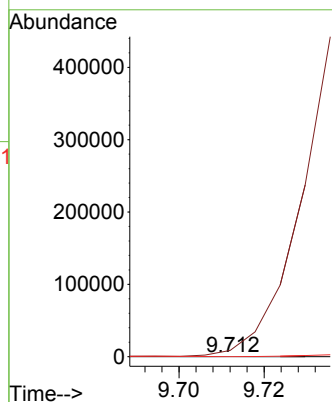
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 0.0 47.0 70.4#



#50

Toluene-d8

Concen: 47.916 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079350.D

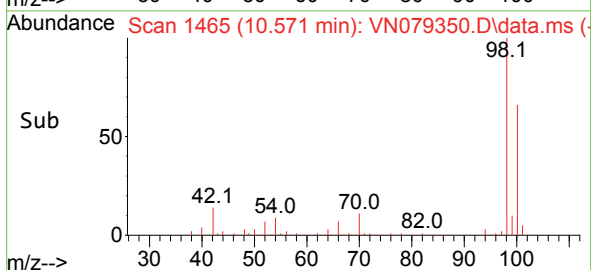
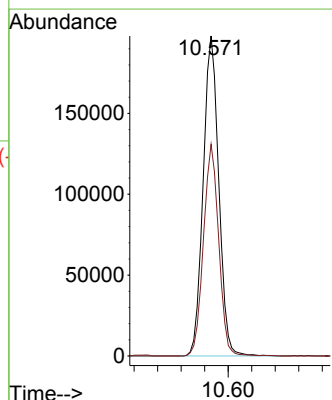
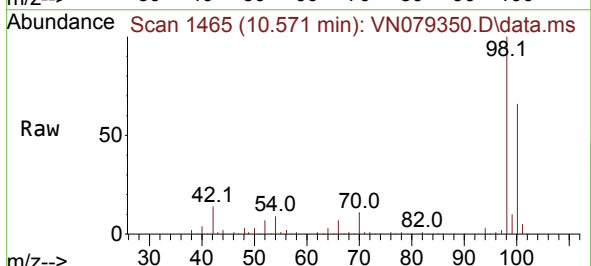
Acq: 26 Sep 2023 13:20

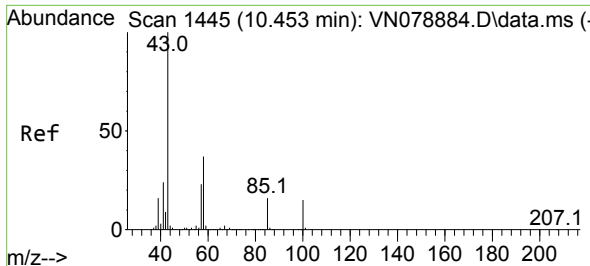
Tgt Ion: 98 Resp: 363529

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

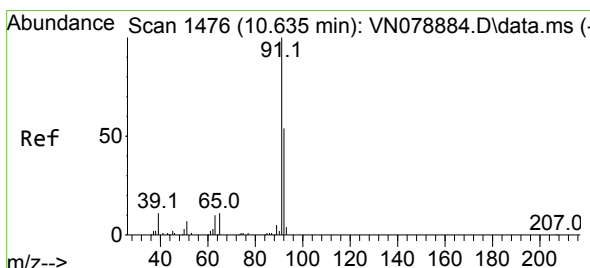
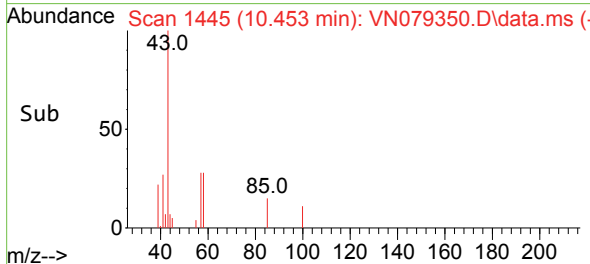
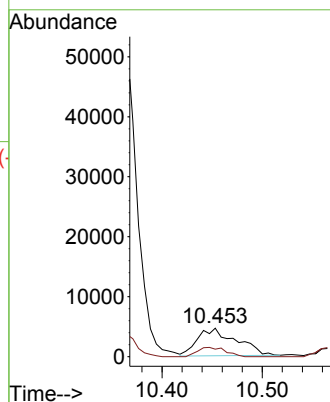
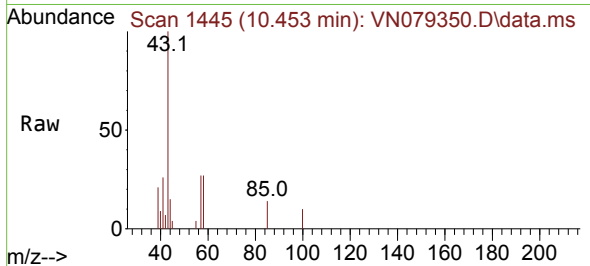




#51  
4-Methyl-2-Pentanone  
Concen: 4.107 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

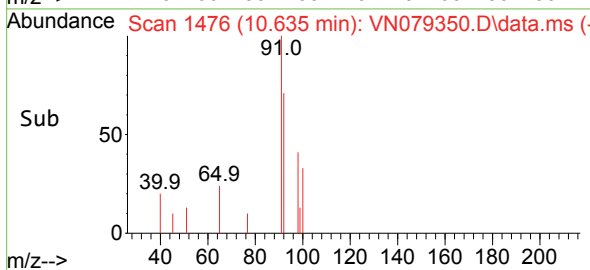
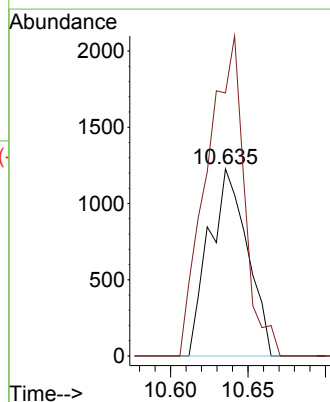
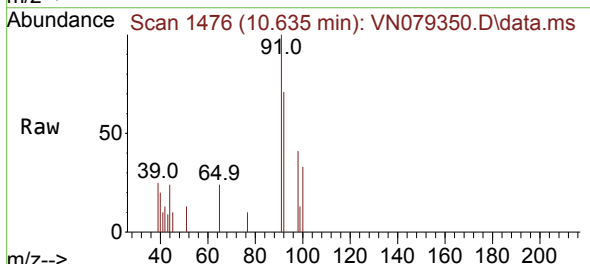
Instrument :  
MSVOA\_N  
ClientSampleId :

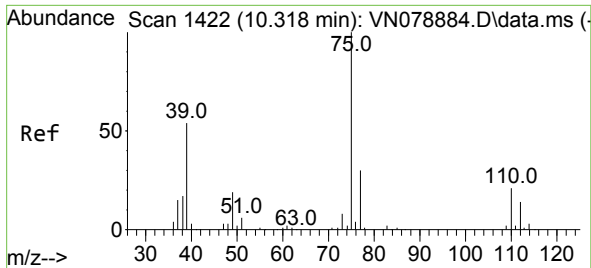
Tgt Ion: 43 Resp: 12357  
Ion Ratio Lower Upper  
43 100  
58 24.5 36.6 54.8#



#52  
Toluene  
Concen: 0.351 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 92 Resp: 2105  
Ion Ratio Lower Upper  
92 100  
91 168.2 137.4 206.0

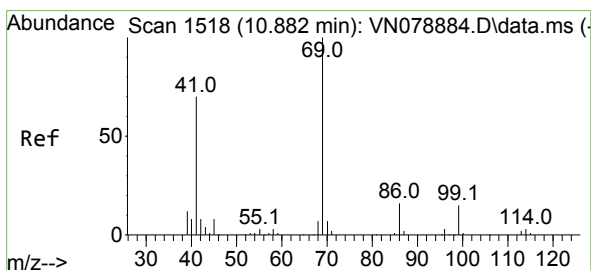
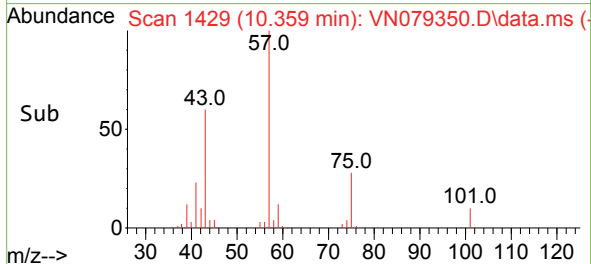
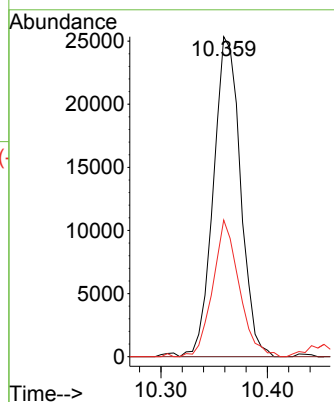
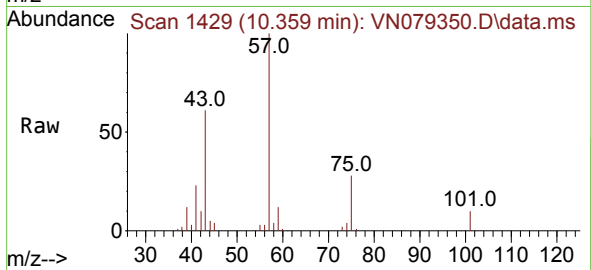




#54  
 cis-1,3-Dichloropropene  
 Concen: 11.759 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.041 min  
 Lab File: VN079350.D  
 Acq: 26 Sep 2023 13:20

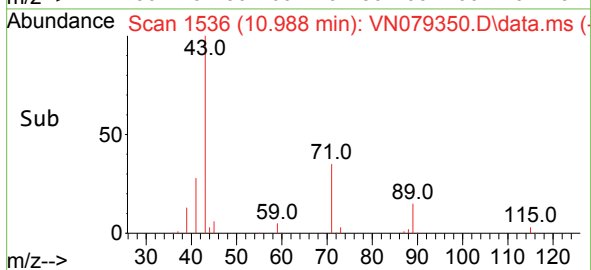
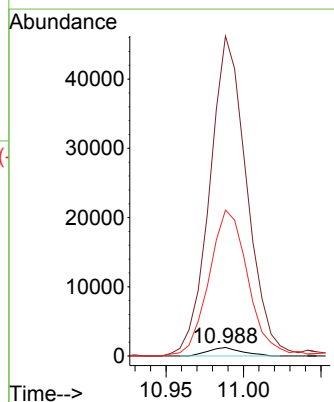
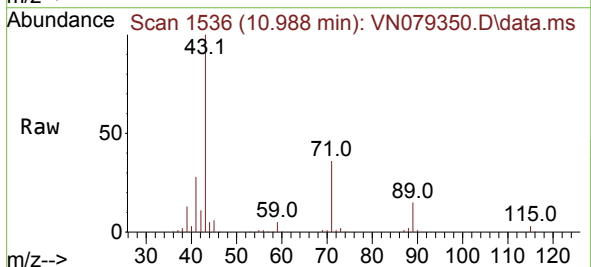
Instrument :  
 MSVOA\_N  
 ClientSampleId :

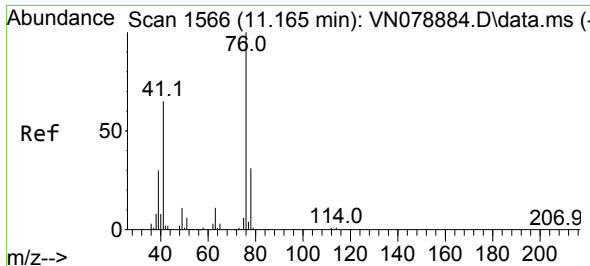
Tgt Ion: 75 Resp: 44617  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.1 39.1#  
 39 42.7 31.6 47.4



#56  
 Ethyl methacrylate  
 Concen: 0.554 ug/l  
 RT: 10.988 min Scan# 1536  
 Delta R.T. 0.111 min  
 Lab File: VN079350.D  
 Acq: 26 Sep 2023 13:20

Tgt Ion: 69 Resp: 1838  
 Ion Ratio Lower Upper  
 69 100  
 41 4191.4 39.6 59.4#  
 39 2020.5 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.402 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.041 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

Instrument :

MSVOA\_N

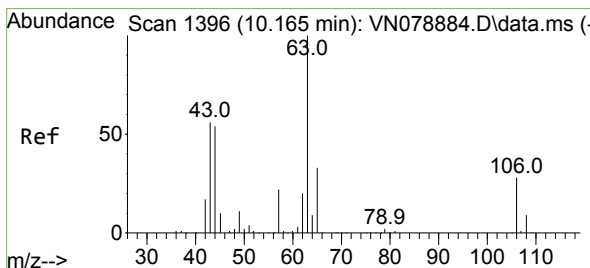
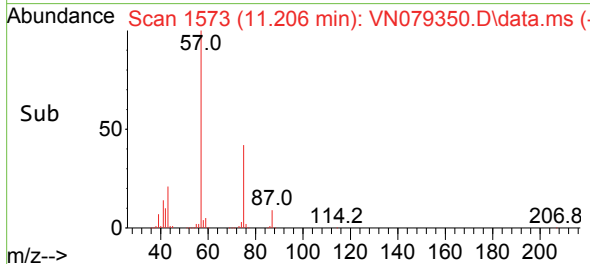
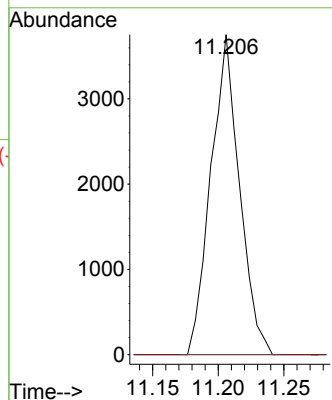
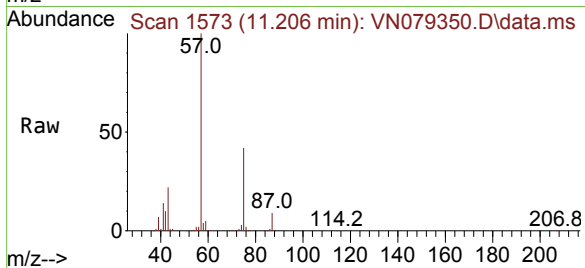
ClientSampleId :

Tgt Ion: 76 Resp: 5699

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN079350.D

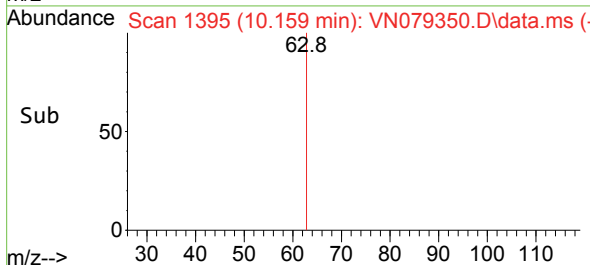
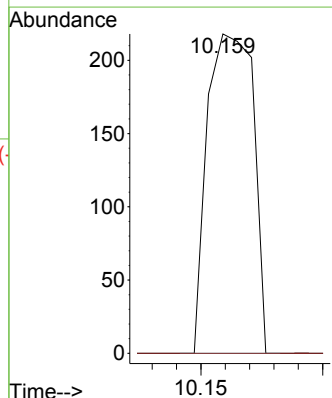
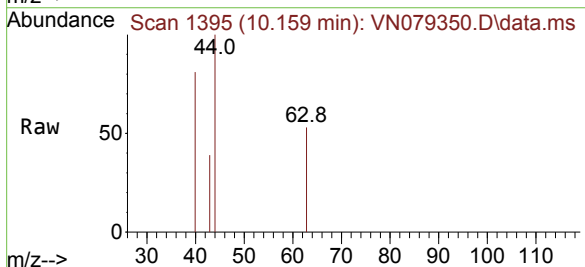
Acq: 26 Sep 2023 13:20

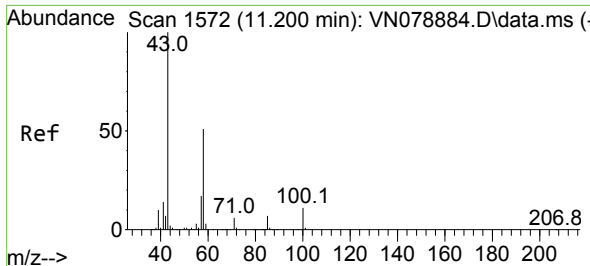
Tgt Ion: 63 Resp: 286

Ion Ratio Lower Upper

63 100

106 0.0 26.2 39.4#

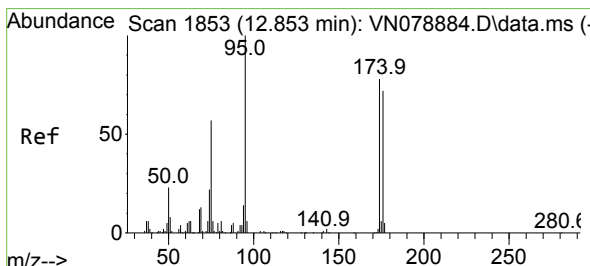
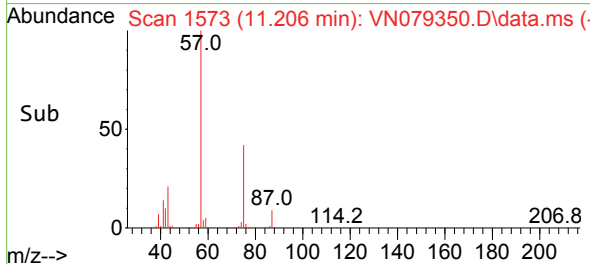
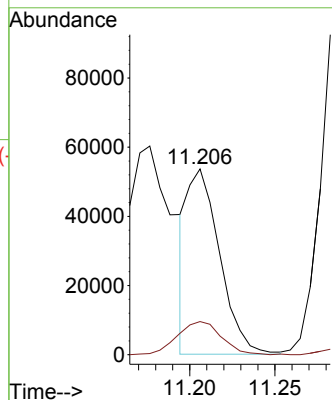
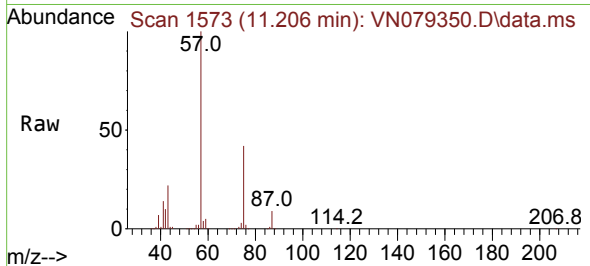




#59  
2-Hexanone  
Concen: 32.467 ug/l  
RT: 11.206 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

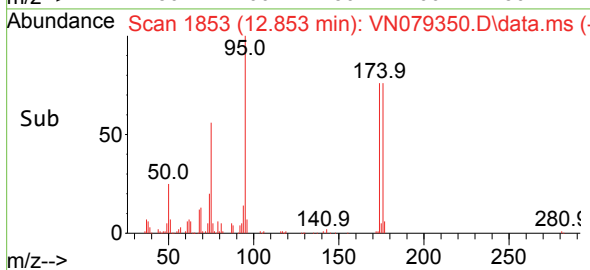
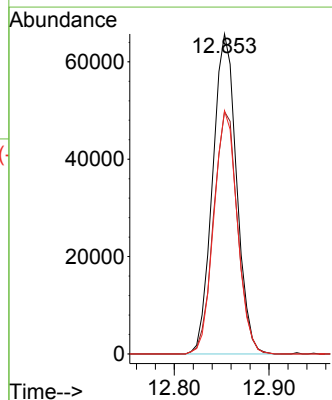
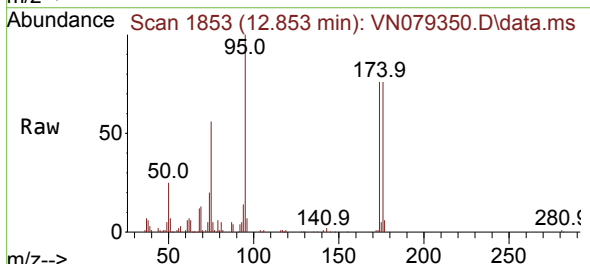
Instrument :  
MSVOA\_N  
ClientSampleId :

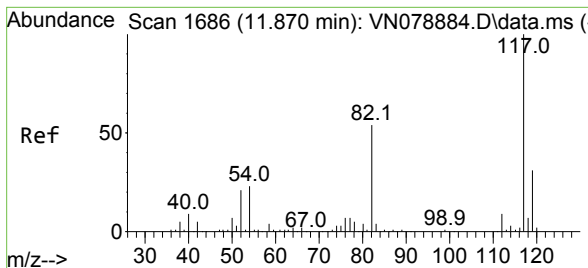
Tgt Ion: 43 Resp: 70753  
Ion Ratio Lower Upper  
43 100  
58 24.4 31.7 95.1#



#62  
4-Bromofluorobenzene  
Concen: 47.668 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

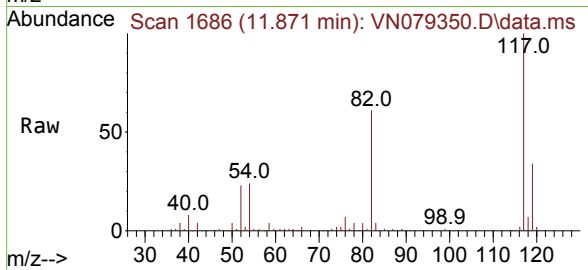
Tgt Ion: 95 Resp: 115359  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 143.8  
176 74.5 0.0 135.8



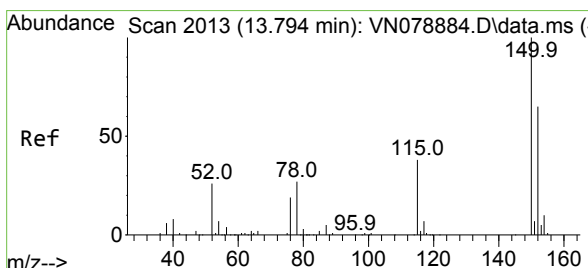
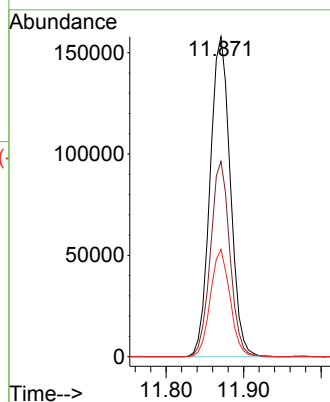
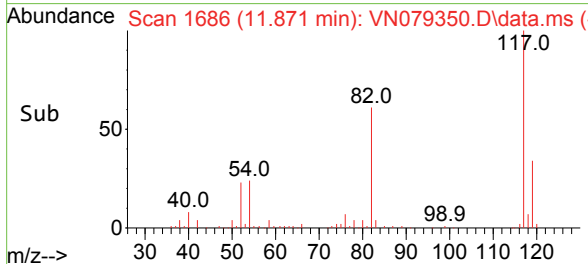


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

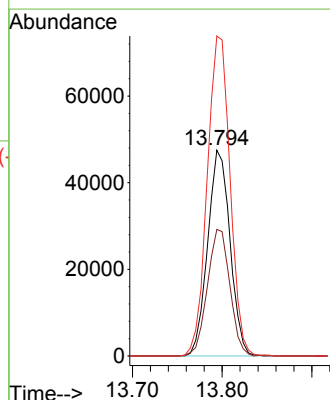
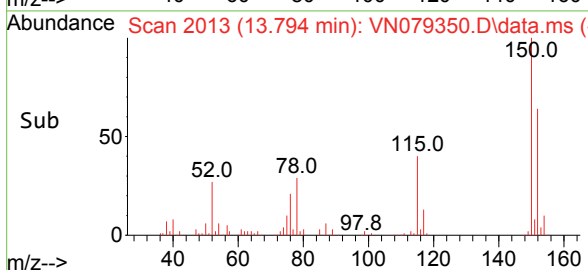
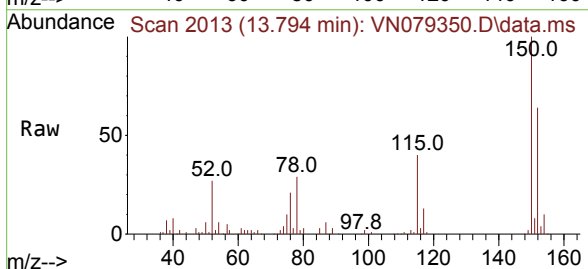


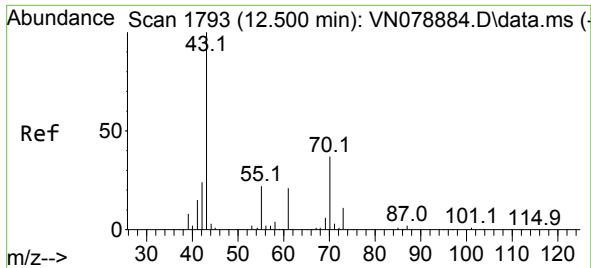
Tgt Ion:117 Resp: 286505  
Ion Ratio Lower Upper  
117 100  
82 61.1 44.0 66.0  
119 33.5 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion:152 Resp: 82247  
Ion Ratio Lower Upper  
152 100  
115 61.7 32.3 96.8  
150 158.6 0.0 355.8

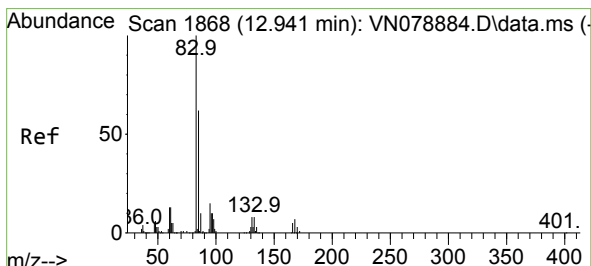
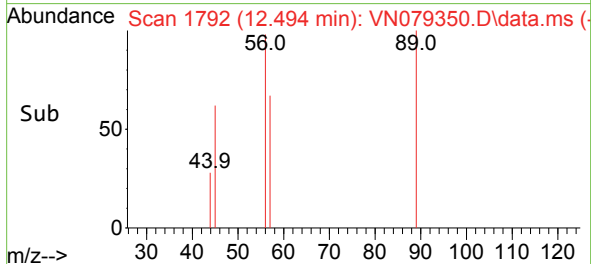
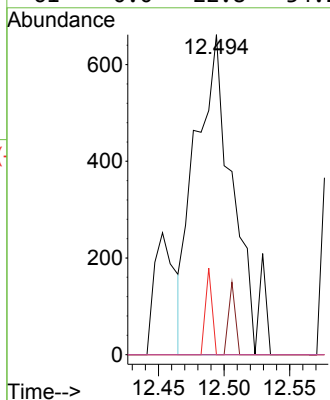
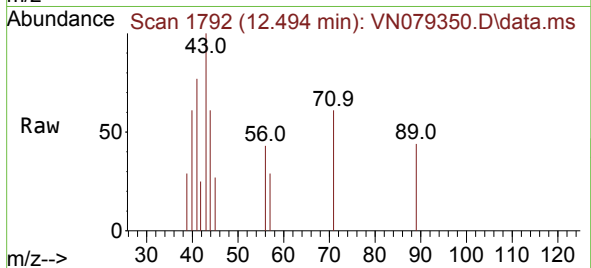




#74  
N-amy1 acetate  
Concen: 0.473 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.006 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

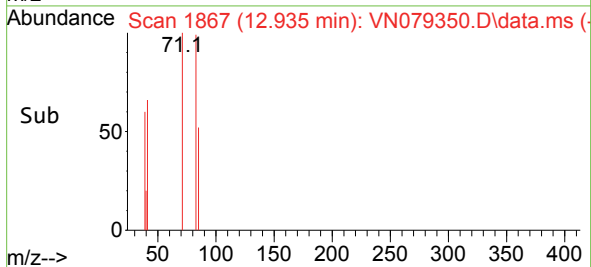
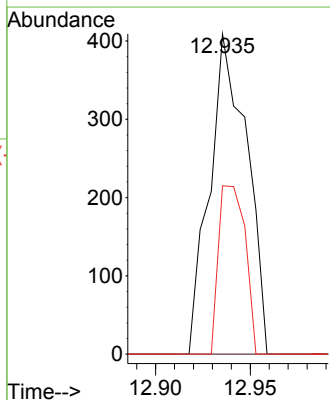
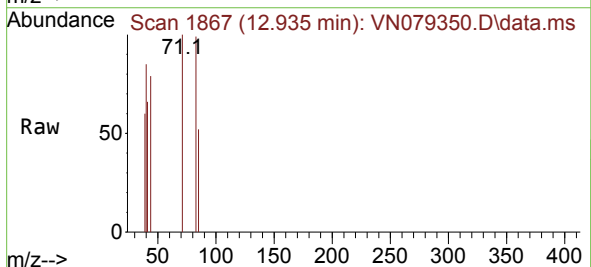
Instrument :  
MSVOA\_N  
ClientSampleId :

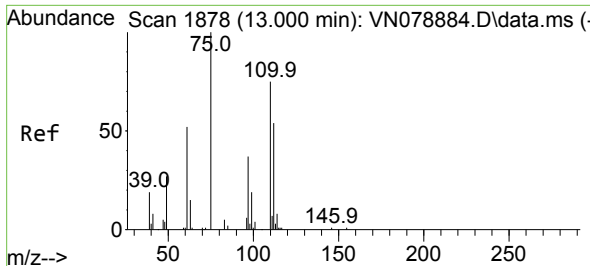
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1342  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 3.9      | 43.4 65.2#  |
| 55 4.7      | 21.4 32.0#  |
| 61 0.0      | 22.8 34.2#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.200 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 558   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 0.0     | 5.0 15.0#   |
| 85 37.5     | 31.9 95.7   |

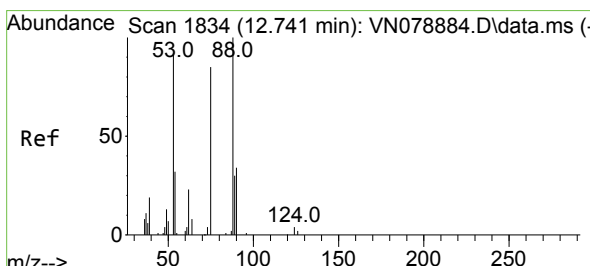
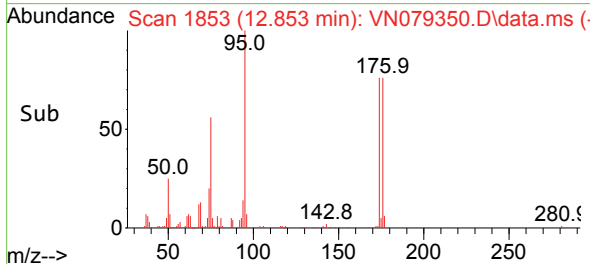
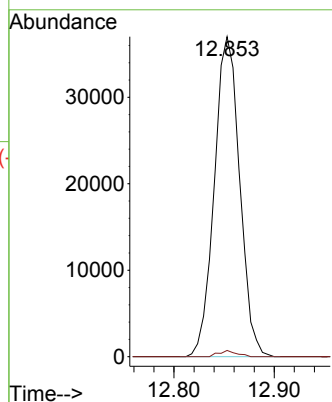
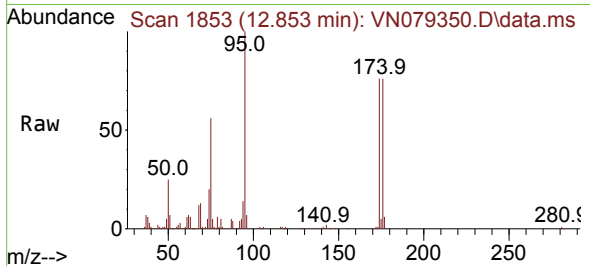




#76  
1,2,3-Trichloropropane  
Concen: 29.287 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

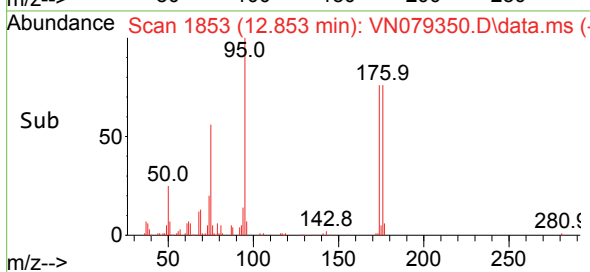
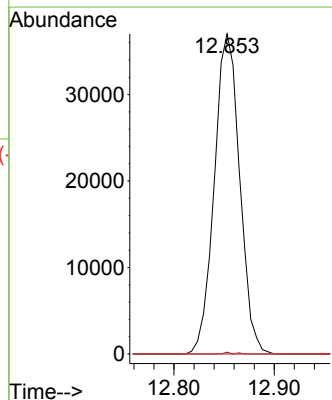
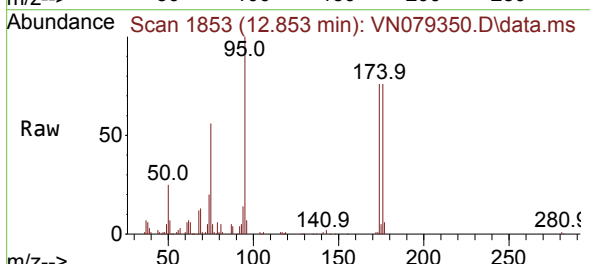
Instrument :  
MSVOA\_N  
ClientSampleId :

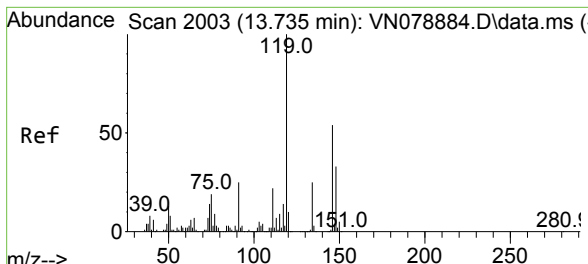
Tgt Ion: 75 Resp: 64920  
Ion Ratio Lower Upper  
75 100  
77 1.4 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.517 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN079350.D  
Acq: 26 Sep 2023 13:20

Tgt Ion: 75 Resp: 64920  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.1 38.8 58.2#

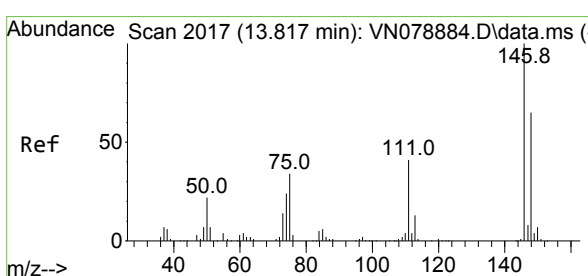
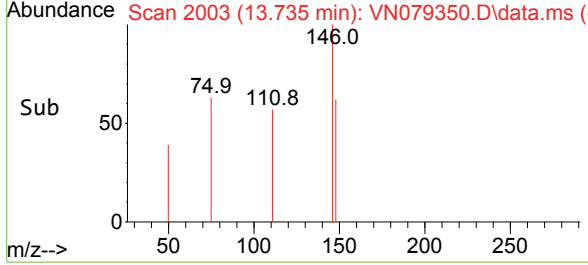
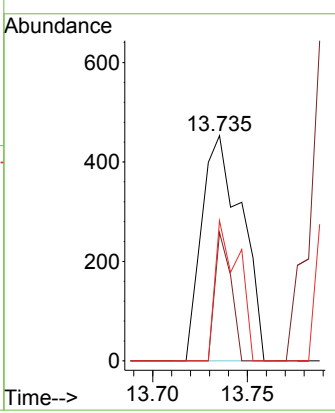
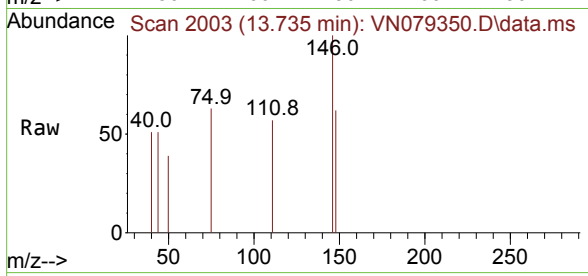




#87  
 1,3-Dichlorobenzene  
 Concen: 0.214 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.006 min  
 Lab File: VN079350.D  
 Acq: 26 Sep 2023 13:20

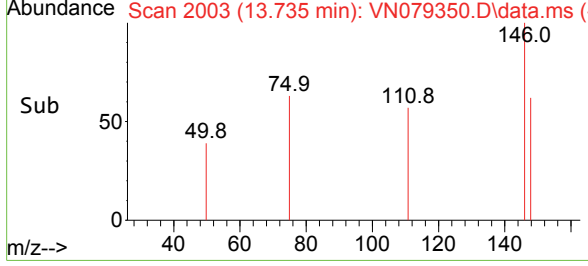
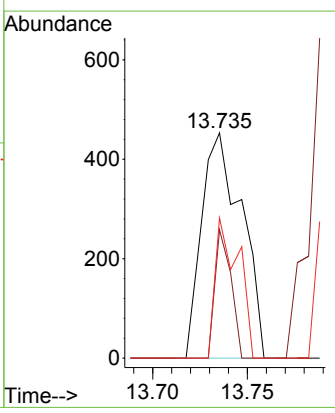
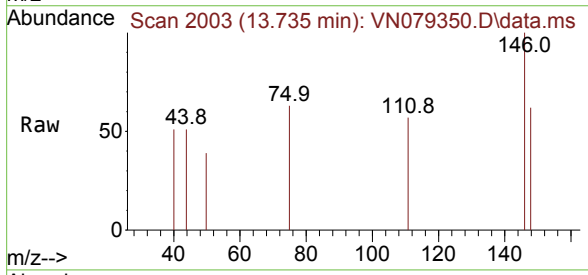
Instrument :  
 MSVOA\_N  
 ClientSampleId :

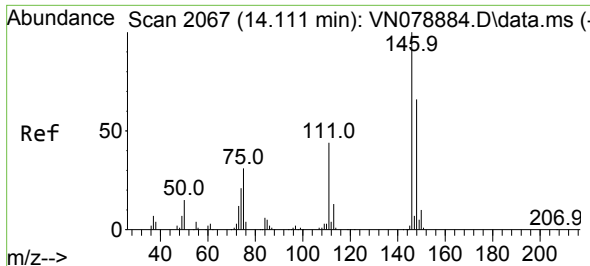
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 665         |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 22.9  | 22.1 66.3   |
| 148         | 36.2  | 32.0 96.0   |



#88  
 1,4-Dichlorobenzene  
 Concen: 0.212 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.083 min  
 Lab File: VN079350.D  
 Acq: 26 Sep 2023 13:20

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 665         |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 22.9  | 20.6 61.8   |
| 148         | 36.2  | 31.6 94.8   |





#91

1,2-Dichlorobenzene

Concen: 0.255 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

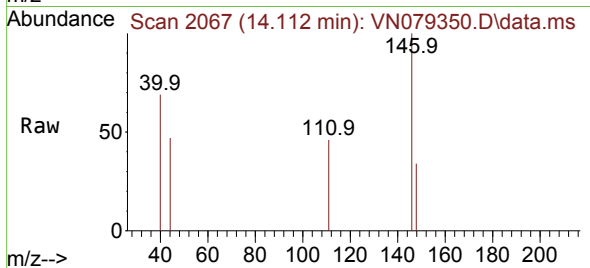
Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

Instrument :

MSVOA\_N

ClientSampleId :



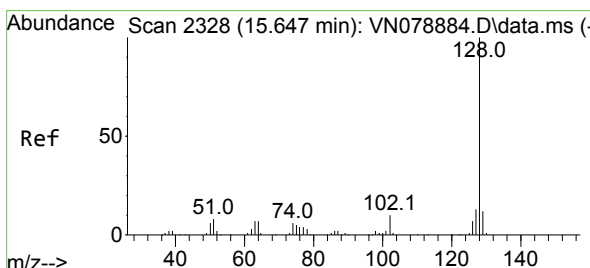
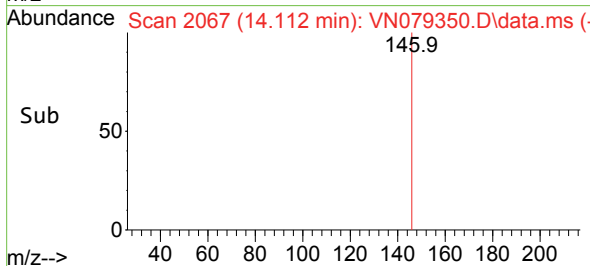
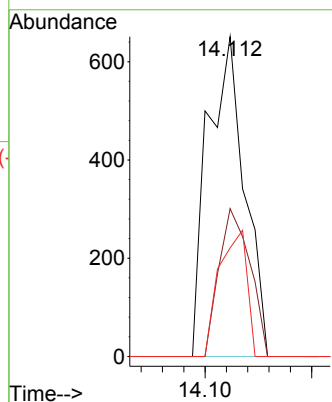
Tgt Ion:146 Resp: 782

Ion Ratio Lower Upper

146 100

111 39.0 22.0 66.0

148 29.5 31.8 95.3#



#95

Naphthalene

Concen: 0.283 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079350.D

Acq: 26 Sep 2023 13:20

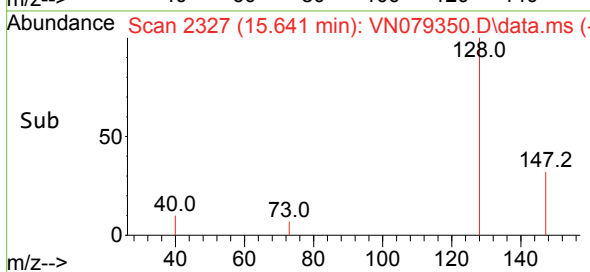
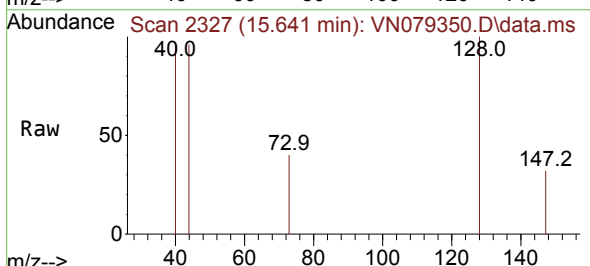
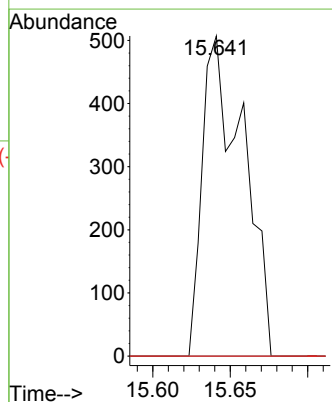
Tgt Ion:128 Resp: 926

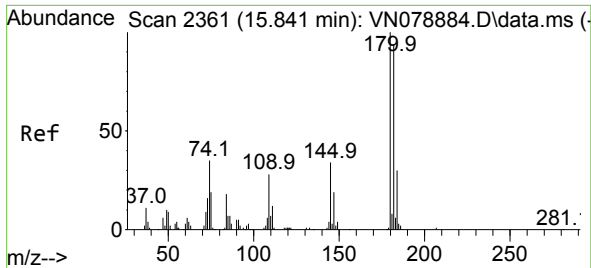
Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

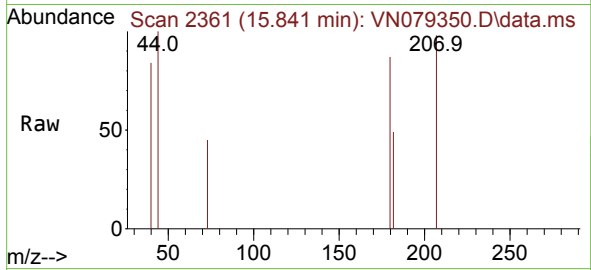
129 0.0 8.7 13.1#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.285 ug/l  
 RT: 15.841 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN079350.D  
 Acq: 26 Sep 2023 13:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 370  
 Ion Ratio Lower Upper  
 180 100  
 182 72.4 46.2 138.6  
 145 0.0 17.5 52.6#

