

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100423\  
 Data File : VN079400.D  
 Acq On : 04 Oct 2023 13:38  
 Operator : JC\MD  
 Sample : VN1004WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 05 02:19:38 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   | 144184   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106     | 114   | 269515   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871    | 117   | 233046   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794    | 152   | 69824    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |           |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.582     | 65    | 115561   | 59.373    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery  | =      | 118.740% |
| 35) Dibromofluoromethane      | 8.171     | 113   | 91423    | 50.996    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery  | =      | 102.000% |
| 50) Toluene-d8                | 10.571    | 98    | 288251   | 43.789    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery  | =      | 87.580%  |
| 62) 4-Bromofluorobenzene      | 12.853    | 95    | 88924    | 42.349    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery  | =      | 84.700%  |
| Target Compounds              |           |       |          |           |        |          |
|                               |           |       |          |           | Qvalue |          |
| 5) Bromomethane               | 2.959     | 94    | 534      | 0.455     | ug/l # | 71       |
| 6) Chloroethane               | 3.124     | 64    | 337      | Below Cal | #      | 43       |
| 11) Tert butyl alcohol        | 5.530     | 59    | 129      | 0.359     | ug/l # | 72       |
| 13) Acrolein                  | 4.189     | 56    | 266      | 0.776     | ug/l # | 16       |
| 15) Acrylonitrile             | 5.736     | 53    | 596      | 0.640     | ug/l # | 74       |
| 16) Acetone                   | 4.453     | 43    | 313      | 0.379     | ug/l # | 40       |
| 17) Carbon Disulfide          | 4.718     | 76    | 1739     | 0.362     | ug/l # | 75       |
| 18) Methyl Acetate            | 5.030     | 43    | 783      | 0.230     | ug/l # | 55       |
| 20) Methylene Chloride        | 5.277     | 84    | 1022     | 0.508     | ug/l # | 79       |
| 29) Tetrahydrofuran           | 7.859     | 42    | 277      | 0.363     | ug/l # | 20       |
| 31) Cyclohexane               | 8.235     | 56    | 4191     | 1.475     | ug/l # | 52       |
| 36) 1,1-Dichloropropene       | 8.230     | 75    | 13439    | 4.863     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.224     | 117   | 15754    | 5.509     | ug/l # | 17       |
| 43) Isopropyl Acetate         | 8.718     | 43    | 2419     | 0.538     | ug/l # | 49       |
| 51) 4-Methyl-2-Pentanone      | 10.447    | 43    | 1109     | 0.425     | ug/l # | 62       |
| 58) 2-Chloroethyl Vinyl ether | 10.171    | 63    | 427      | Below Cal | #      | 65       |
| 59) 2-Hexanone                | 11.206    | 43    | 2053     | 1.086     | ug/l   | 74       |
| 74) N-amyl acetate            | 12.506    | 43    | 827      | 0.343     | ug/l # | 53       |
| 76) 1,2,3-Trichloropropane    | 12.853    | 75    | 49872    | 26.502    | ug/l # | 1        |
| 77) Bromobenzene              | 12.988    | 156   | 401      | 0.249     | ug/l # | 52       |
| 78) n-propylbenzene           | 13.041    | 91    | 1685     | 0.236     | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 13.229    | 91    | 1135     | 0.243     | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.853    | 75    | 49872    | 72.859    | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.229    | 91    | 1135     | 0.259     | ug/l   | 93       |
| 86) p-Isopropyltoluene        | 13.729    | 119   | 993      | 0.206     | ug/l # | 56       |
| 87) 1,3-Dichlorobenzene       | 13.735    | 146   | 1107     | 0.420     | ug/l # | 72       |
| 88) 1,4-Dichlorobenzene       | 13.735    | 146   | 1107     | 0.415     | ug/l   | 74       |
| 89) n-Butylbenzene            | 14.064    | 91    | 1717     | 0.453     | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.117    | 146   | 1255     | 0.482     | ug/l   | 87       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717    | 75    | 107      | 0.298     | ug/l # | 37       |
| 93) 1,2,4-Trichlorobenzene    | 15.400    | 180   | 881      | 0.941     | ug/l # | 84       |
| 94) Hexachlorobutadiene       | 15.500    | 225   | 692      | 0.940     | ug/l   | 90       |
| 95) Naphthalene               | 15.653    | 128   | 3196     | 1.150     | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.853    | 180   | 1202     | 1.089     | ug/l   | 91       |
| -----                         |           |       |          |           |        |          |

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Acq On : 04 Oct 2023 13:38  
Operator : JC\MD  
Sample : VN1004WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

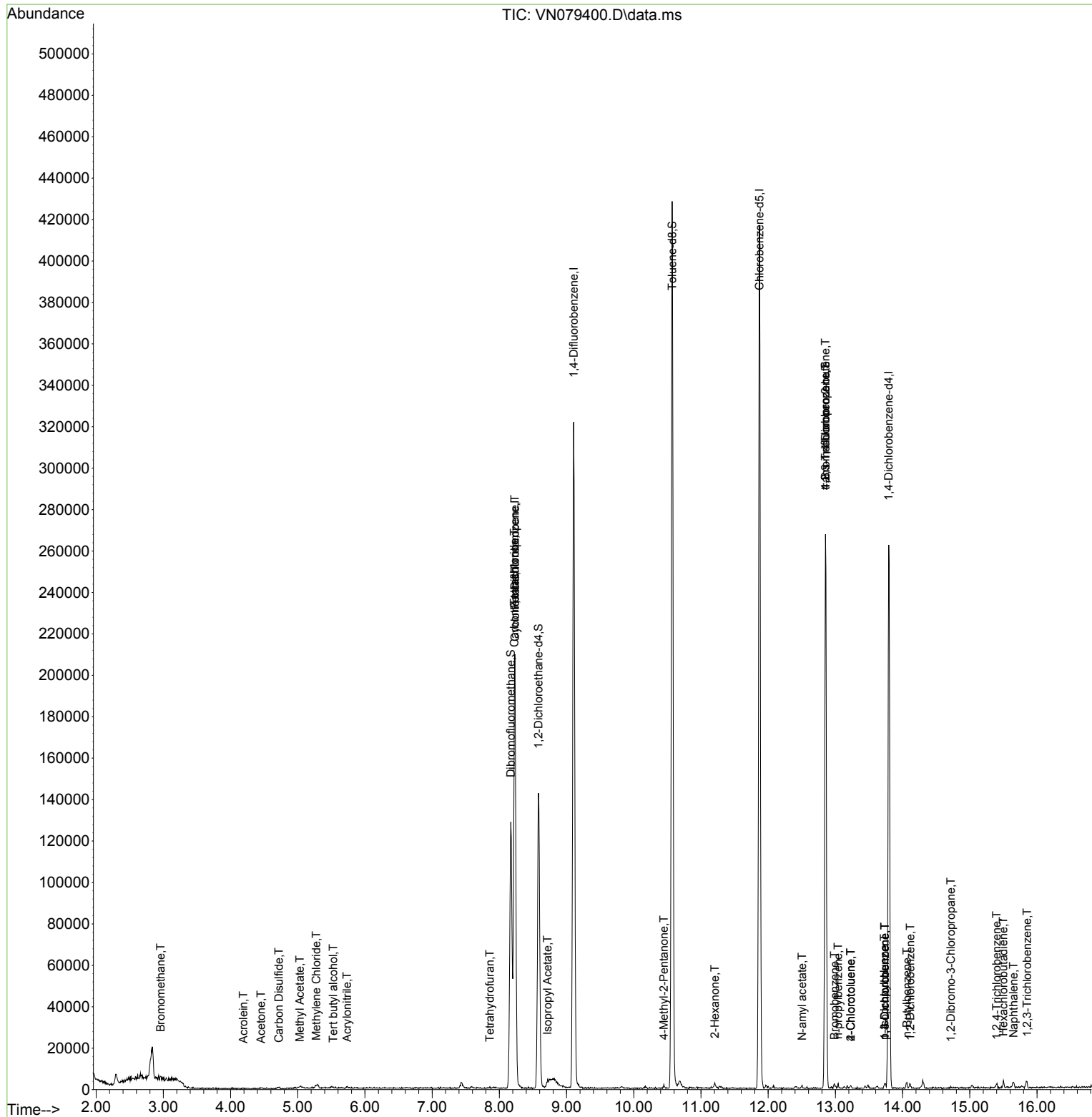
Quant Time: Oct 05 02:19:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration

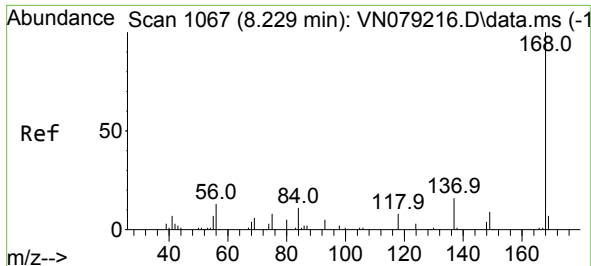
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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ClientSampleId :

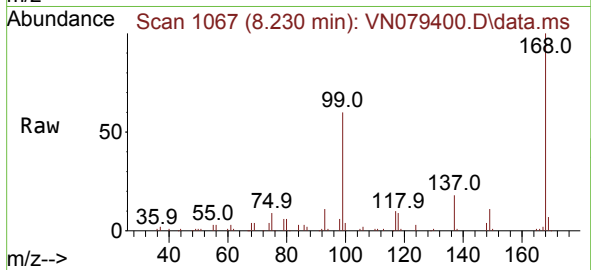
Quant Time: Oct 05 02:19:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091123W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 12 05:05:24 2023  
Response via : Initial Calibration



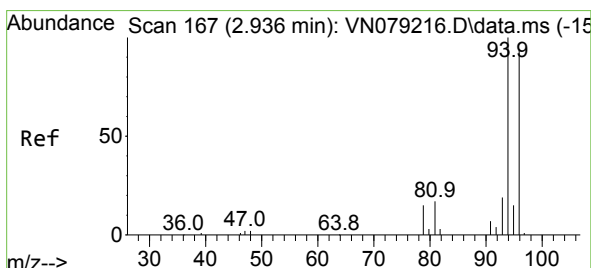
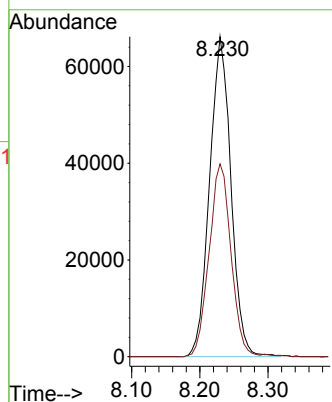
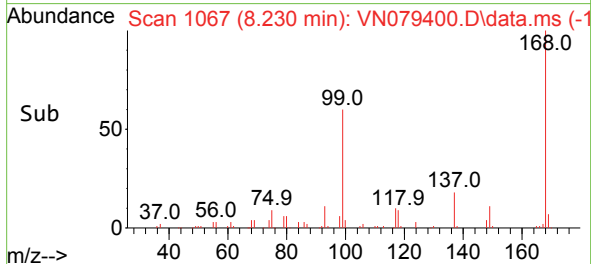


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.000 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

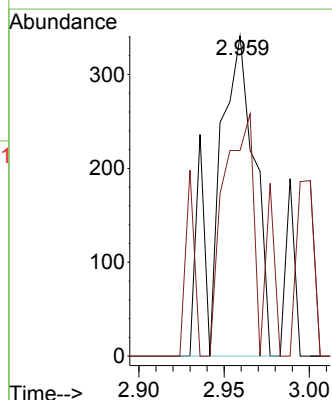
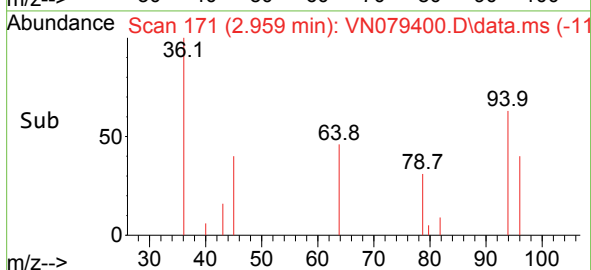
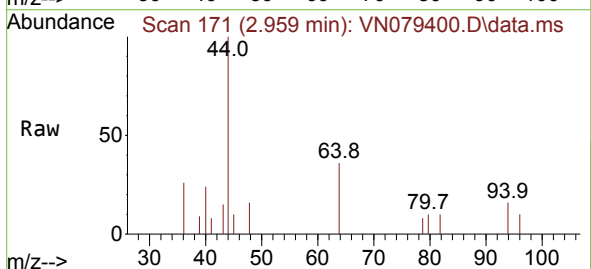


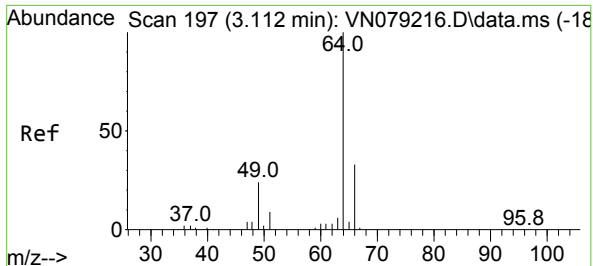
Tgt Ion:168 Resp: 144184  
Ion Ratio Lower Upper  
168 100  
99 60.3 53.0 79.6



#5  
Bromomethane  
Concen: 0.455 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.011 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 94 Resp: 534  
Ion Ratio Lower Upper  
94 100  
96 64.2 73.1 109.7#

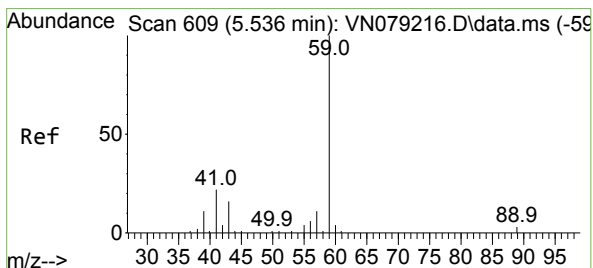
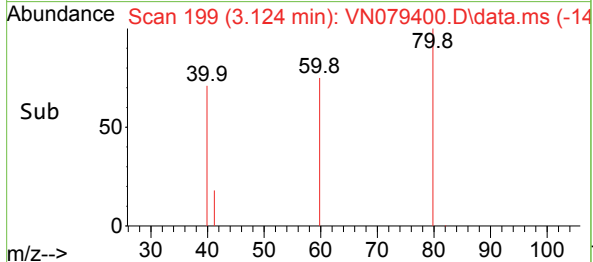
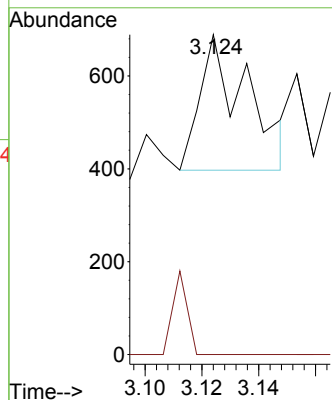
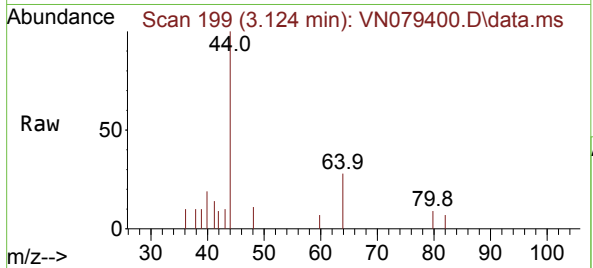




#6  
Chloroethane  
Concen: Below Cal  
RT: 3.124 min Scan# 197  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

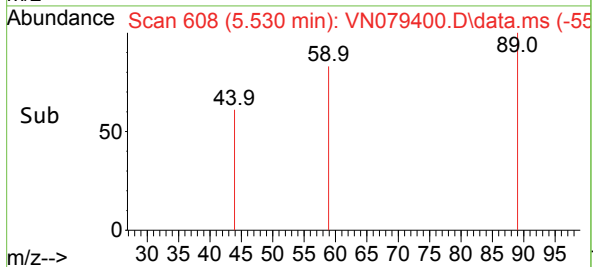
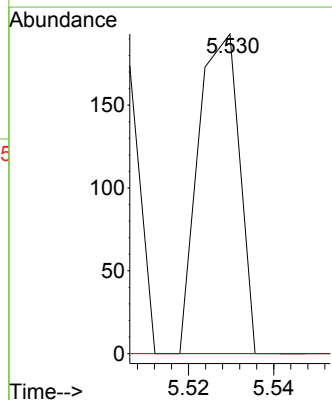
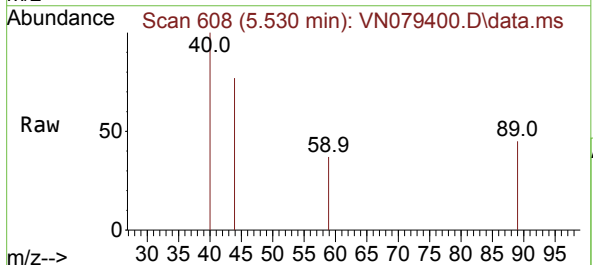
Instrument :  
MSVOA\_N  
ClientSampleId :

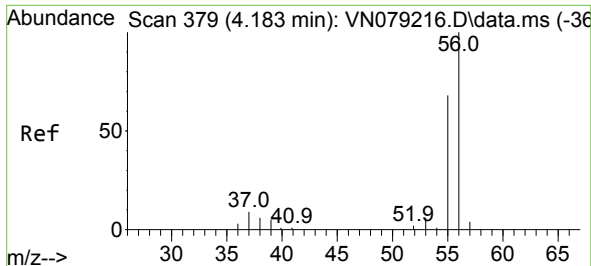
Tgt Ion: 64 Resp: 337  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#



#11  
Tert butyl alcohol  
Concen: 0.359 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

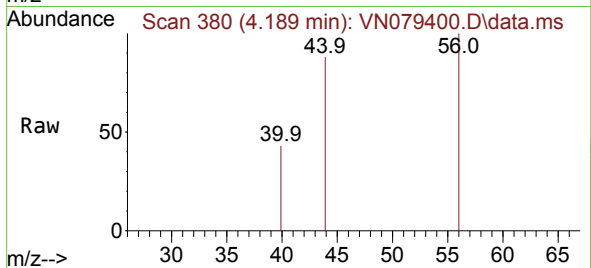
Tgt Ion: 59 Resp: 129  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



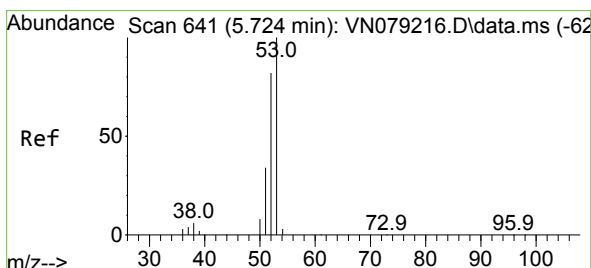
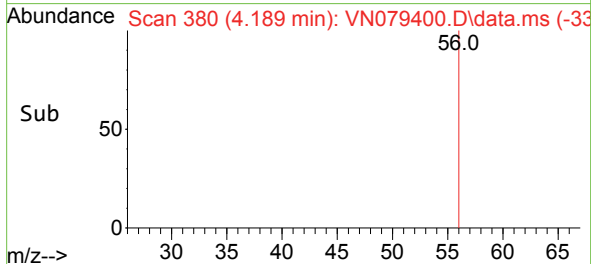
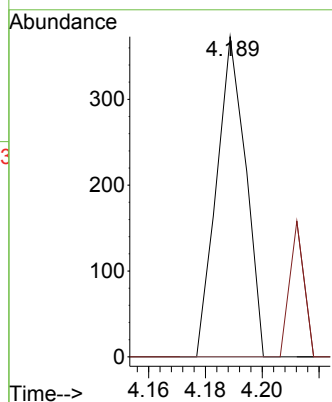


#13  
Acrolein  
Concen: 0.776 ug/l  
RT: 4.189 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

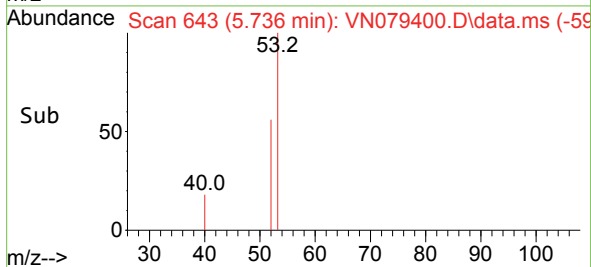
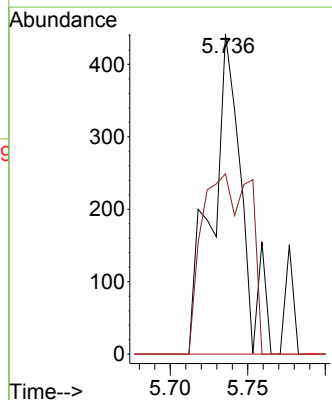
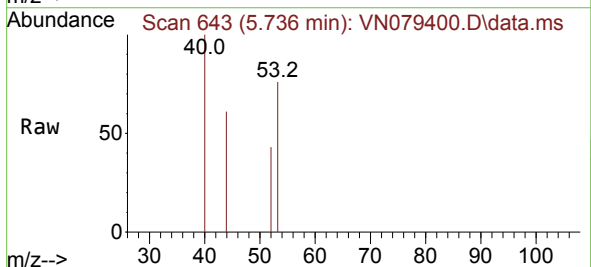


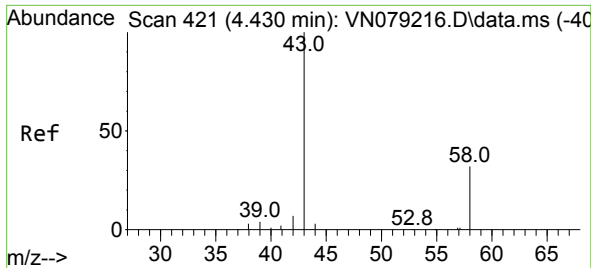
Tgt Ion: 56 Resp: 266  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#15  
Acrylonitrile  
Concen: 0.640 ug/l  
RT: 5.736 min Scan# 643  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 53 Resp: 596  
Ion Ratio Lower Upper  
53 100  
52 90.6 65.3 97.9  
51 0.0 28.9 43.3#

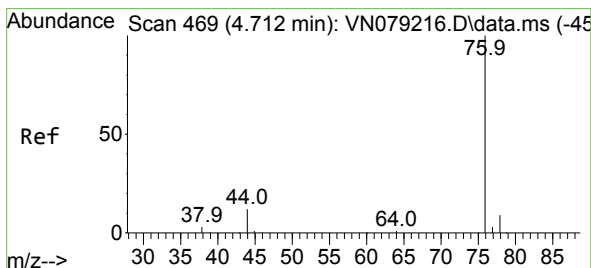
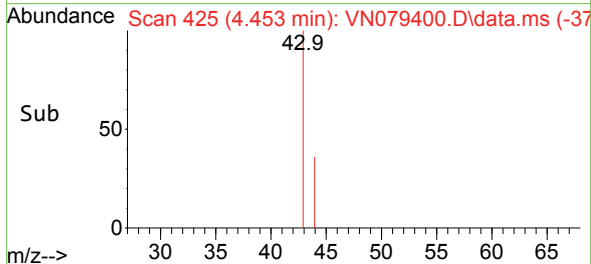
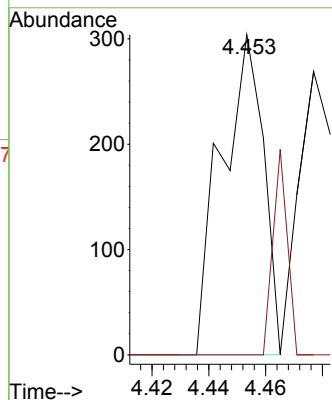
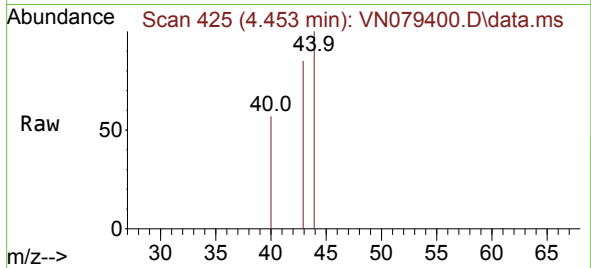




#16  
Acetone  
Concen: 0.379 ug/l  
RT: 4.453 min Scan# 41  
Delta R.T. 0.011 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

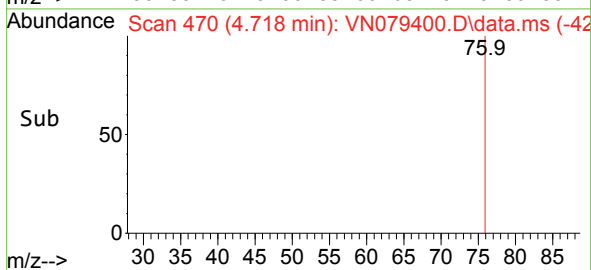
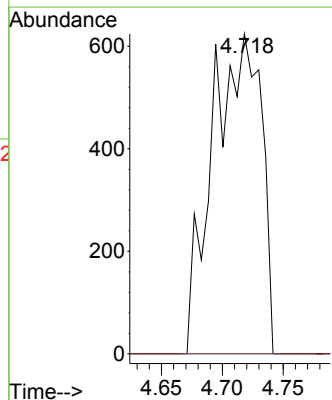
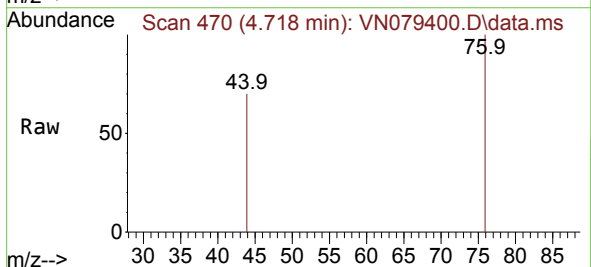
Instrument :  
MSVOA\_N  
ClientSampleId :

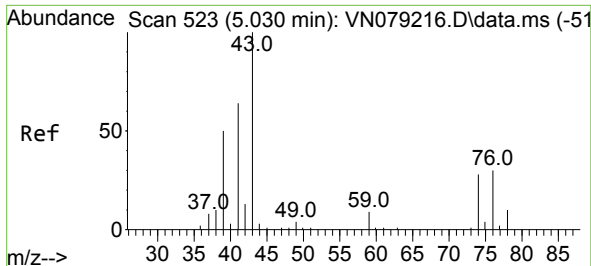
Tgt Ion: 43 Resp: 313  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.0 42.0#



#17  
Carbon Disulfide  
Concen: 0.362 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 76 Resp: 1739  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#

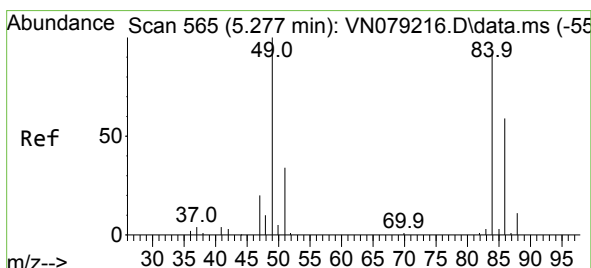
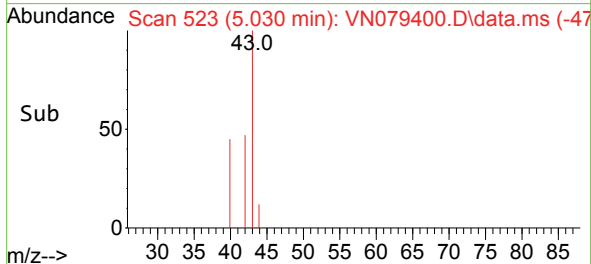
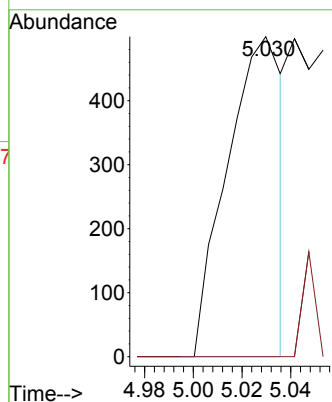
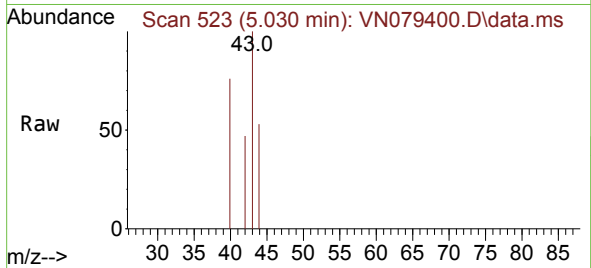




#18  
Methyl Acetate  
Concen: 0.230 ug/l  
RT: 5.030 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

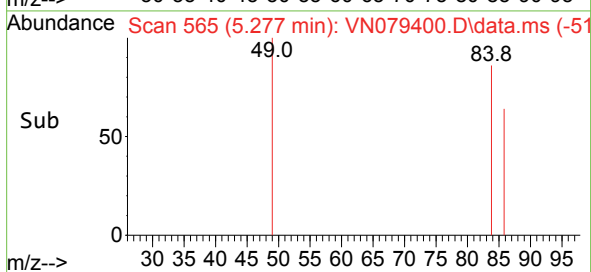
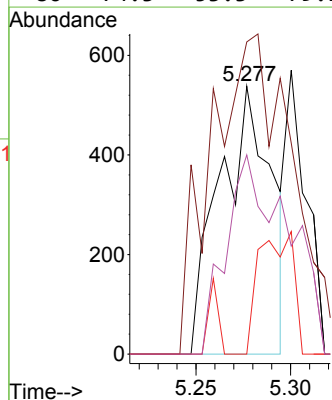
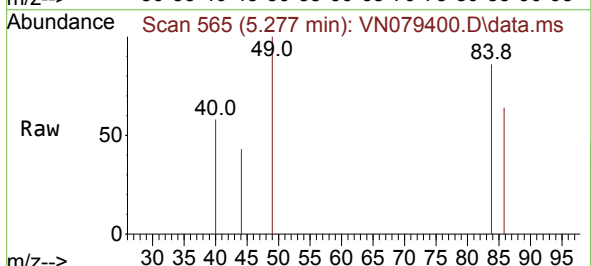
Instrument :  
MSVOA\_N  
ClientSampleId :

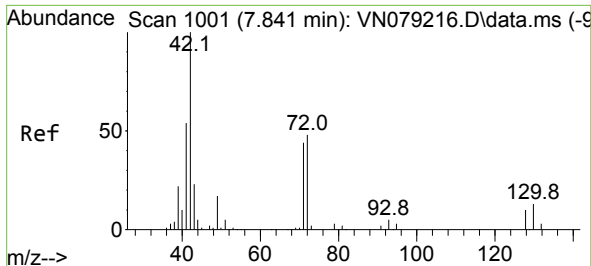
Tgt Ion: 43 Resp: 783  
Ion Ratio Lower Upper  
43 100  
74 7.4 26.2 39.4#



#20  
Methylene Chloride  
Concen: 0.508 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 84 Resp: 1022  
Ion Ratio Lower Upper  
84 100  
49 116.5 79.7 119.5  
51 0.0 25.2 37.8#  
86 74.3 53.3 79.9





#29

Tetrahydrofuran

Concen: 0.363 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.012 min

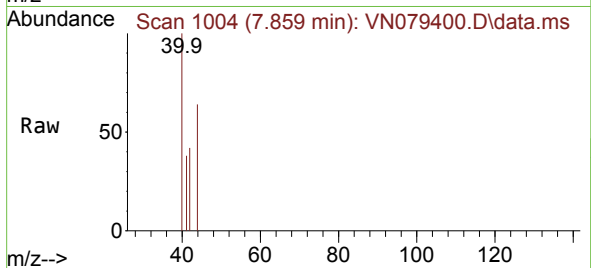
Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

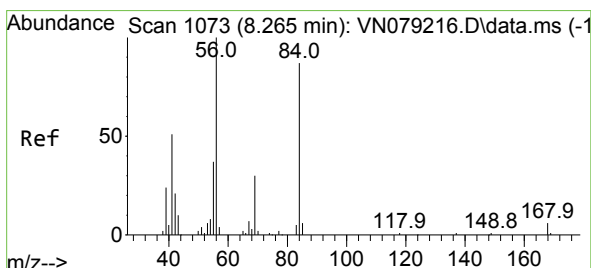
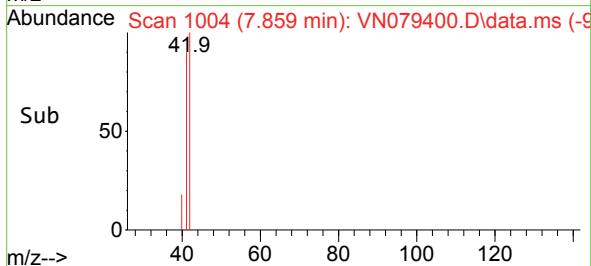
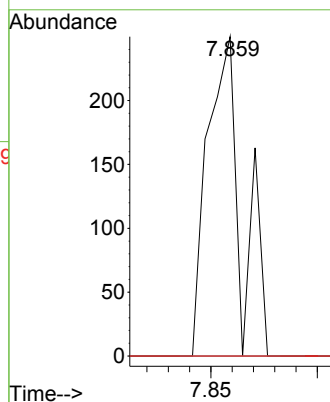
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 277   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 49.8  | 74.6# |
| 71       | 0.0   | 47.4  | 71.2# |



#31

Cyclohexane

Concen: 1.475 ug/l

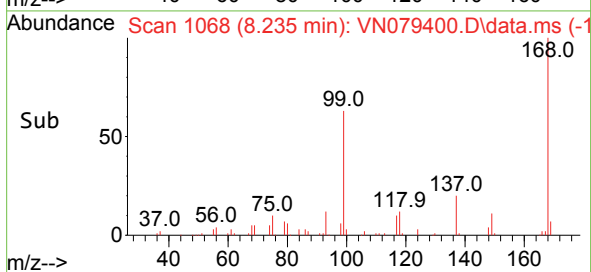
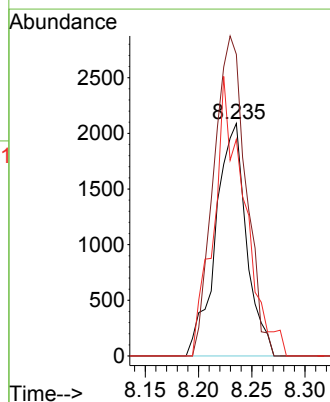
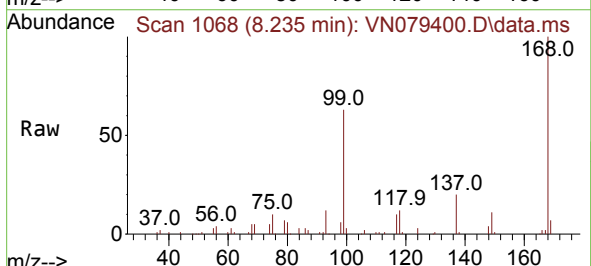
RT: 8.235 min Scan# 1068

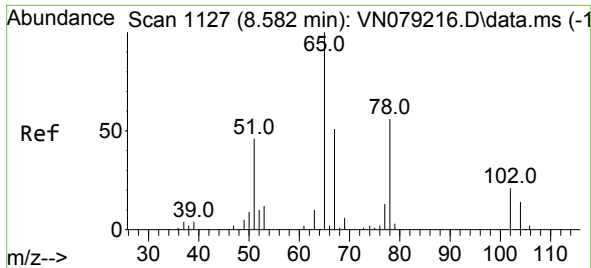
Delta R.T. -0.030 min

Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 4191  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 129.7 | 26.8  | 40.2# |
| 84       | 93.2  | 81.8  | 122.6 |





#33

1,2-Dichloroethane-d4

Concen: 59.373 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA\_N

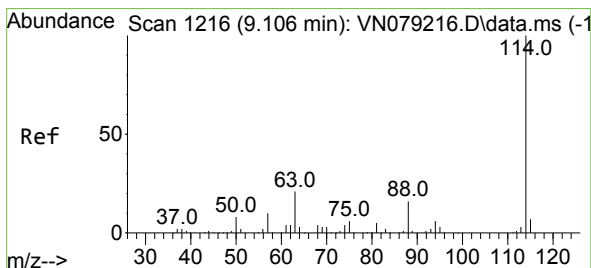
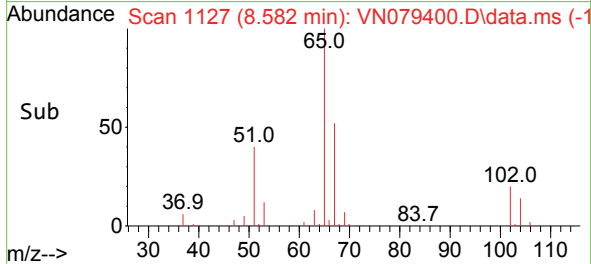
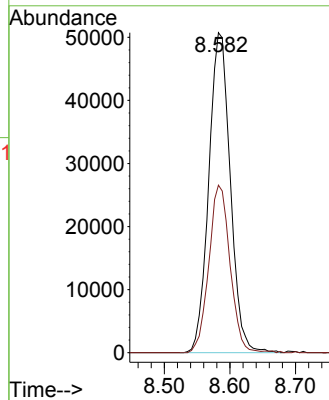
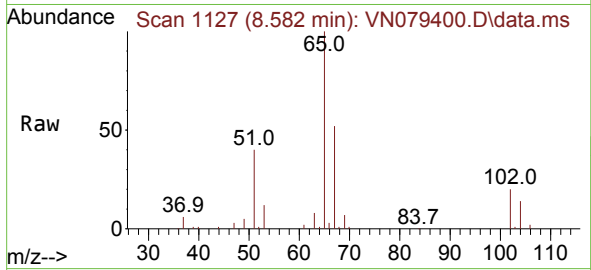
ClientSampleId :

Tgt Ion: 65 Resp: 115561

Ion Ratio Lower Upper

65 100

67 51.4 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: VN079400.D

Acq: 04 Oct 2023 13:38

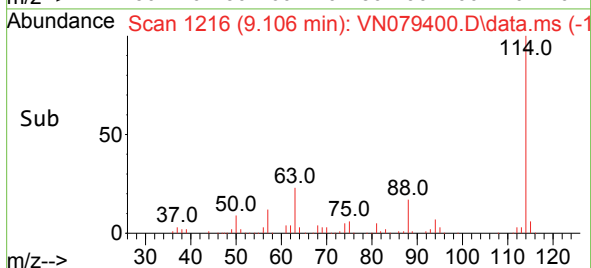
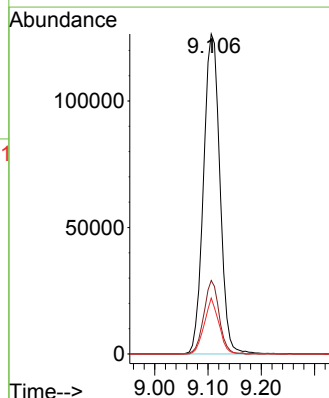
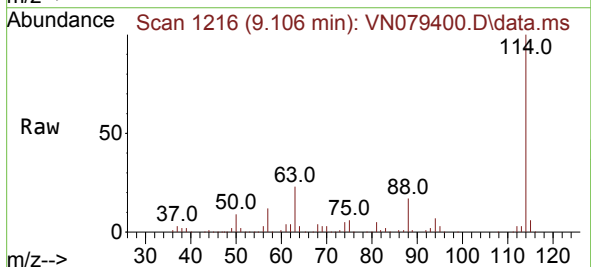
Tgt Ion:114 Resp: 269515

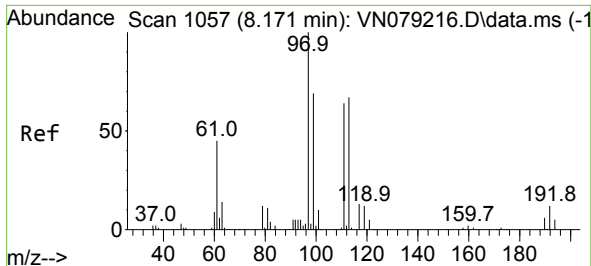
Ion Ratio Lower Upper

114 100

63 23.0 0.0 36.4

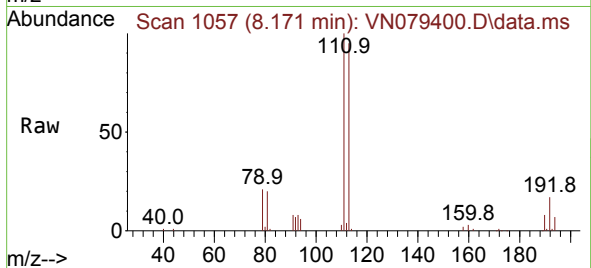
88 17.4 0.0 30.6



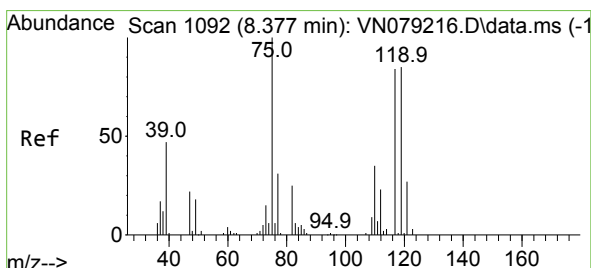
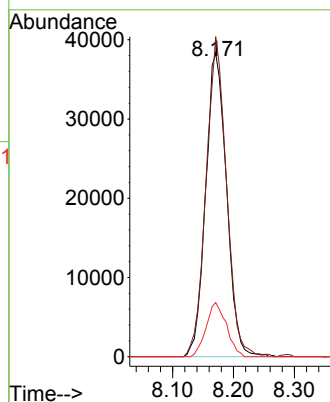
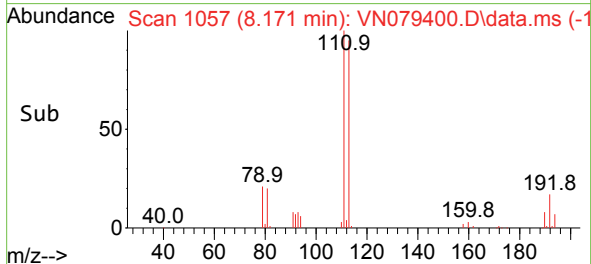


#35  
Dibromofluoromethane  
Concen: 50.996 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

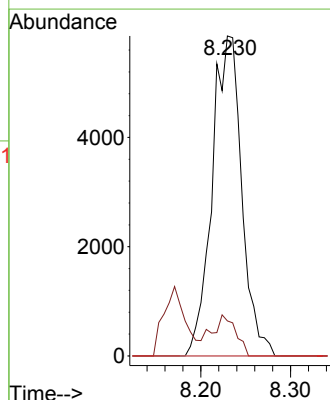
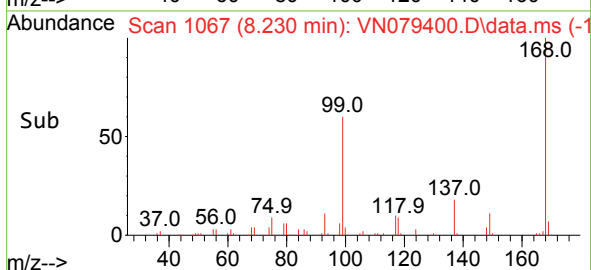
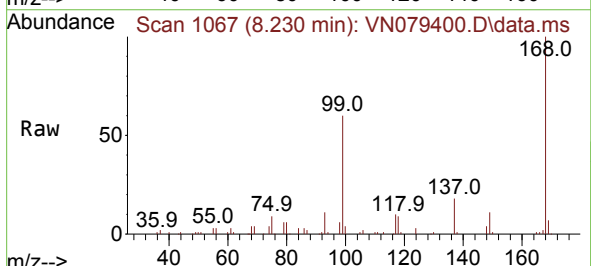


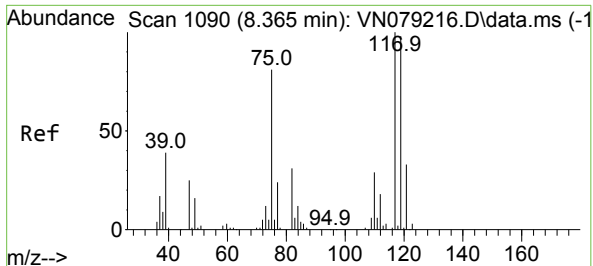
Tgt Ion:113 Resp: 91423  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.6 123.8  
192 17.3 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 4.863 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.147 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

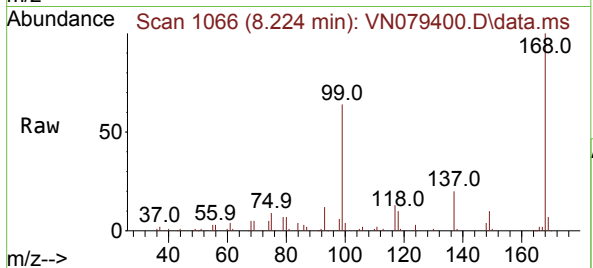
Tgt Ion: 75 Resp: 13439  
Ion Ratio Lower Upper  
75 100  
110 10.3 19.1 57.3#  
77 0.0 25.0 37.4#



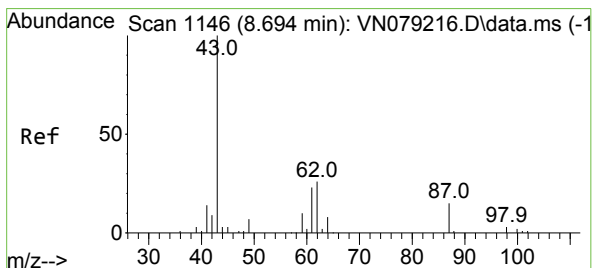
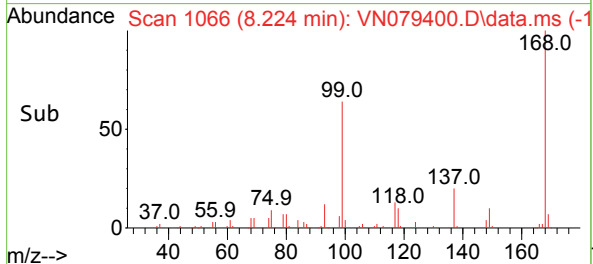
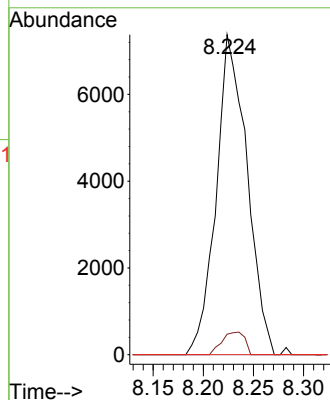


#38  
Carbon Tetrachloride  
Concen: 5.509 ug/l  
RT: 8.224 min Scan# 110  
Delta R.T. -0.147 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

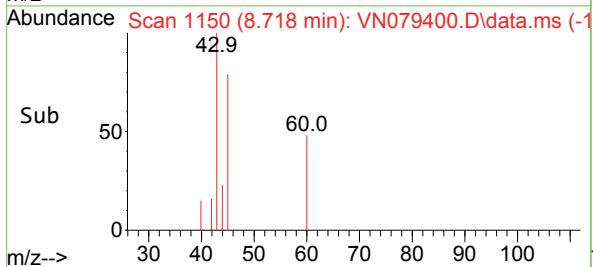
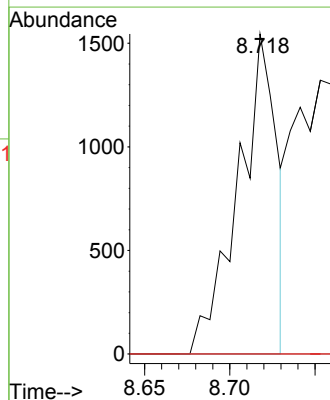
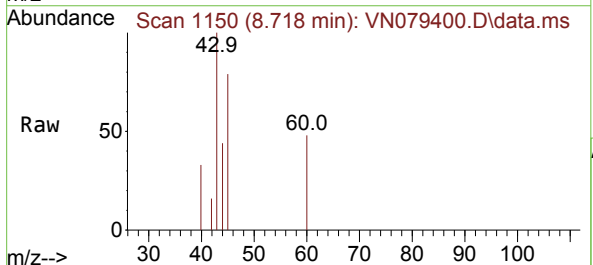


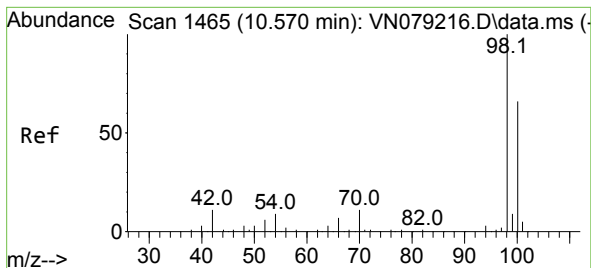
Tgt Ion:117 Resp: 15754  
Ion Ratio Lower Upper  
117 100  
119 6.4 77.3 115.9#  
121 0.0 23.3 34.9#



#43  
Isopropyl Acetate  
Concen: 0.538 ug/l  
RT: 8.718 min Scan# 1150  
Delta R.T. 0.024 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 43 Resp: 2419  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.7 37.1#  
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 43.789 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA\_N

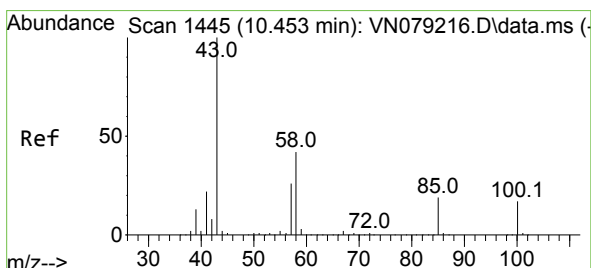
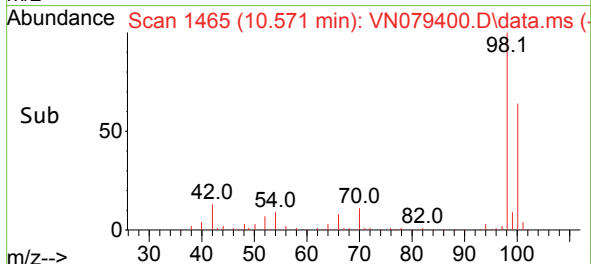
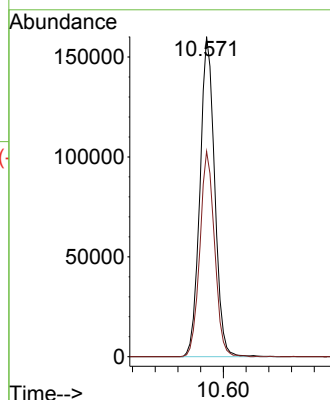
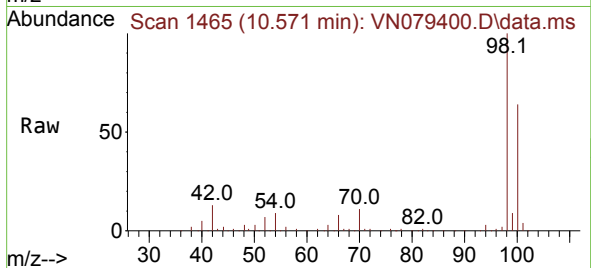
ClientSampleId :

Tgt Ion: 98 Resp: 288251

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 0.425 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079400.D

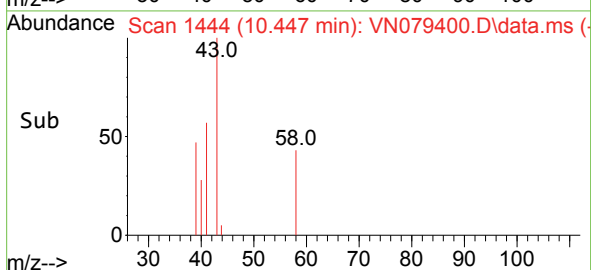
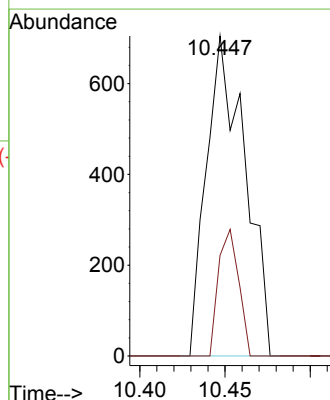
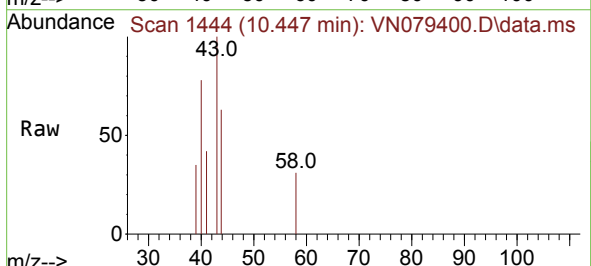
Acq: 04 Oct 2023 13:38

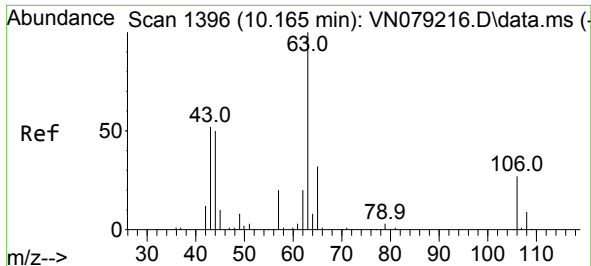
Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

58 20.7 36.6 54.8#

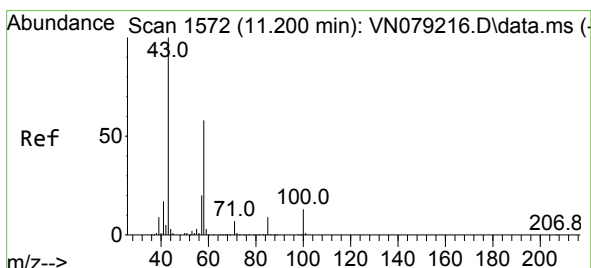
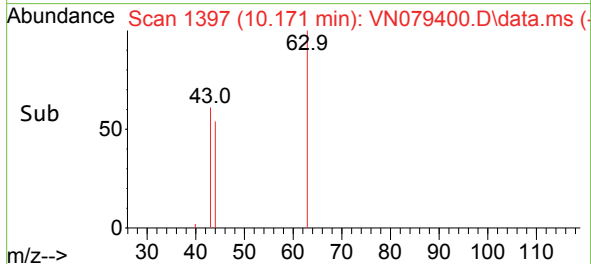
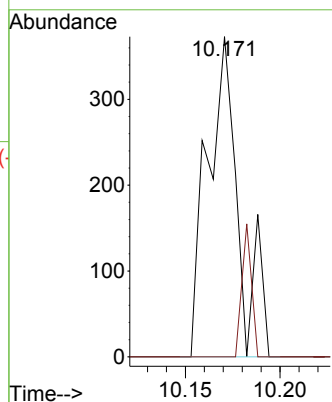
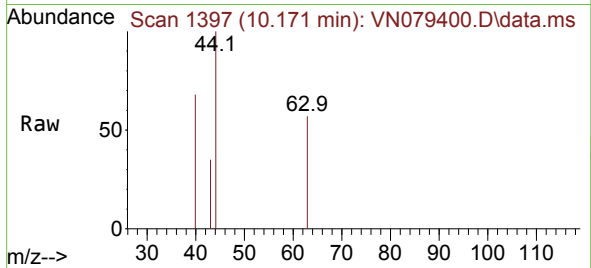




#58  
2-Chloroethyl Vinyl ether  
Concen: Below Cal  
RT: 10.171 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

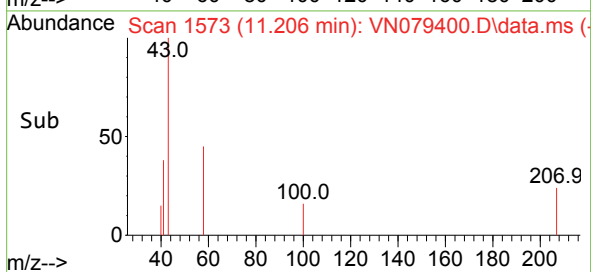
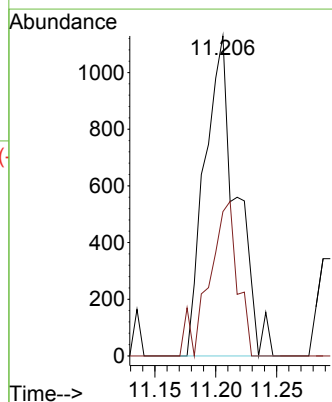
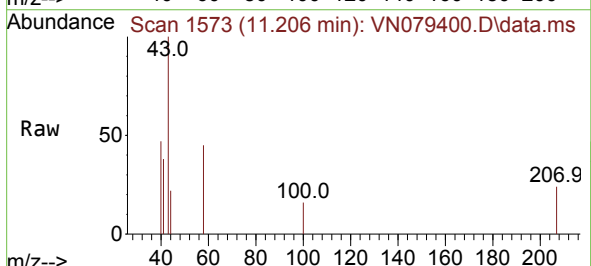
Instrument :  
MSVOA\_N  
ClientSampleId :

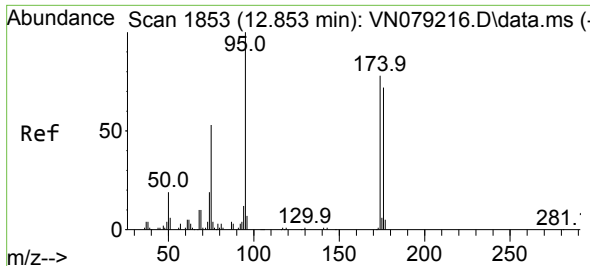
Tgt Ion: 63 Resp: 427  
Ion Ratio Lower Upper  
63 100  
106 12.9 26.2 39.4#



#59  
2-Hexanone  
Concen: 1.086 ug/l  
RT: 11.206 min Scan# 1573  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 43 Resp: 2053  
Ion Ratio Lower Upper  
43 100  
58 42.8 31.7 95.1

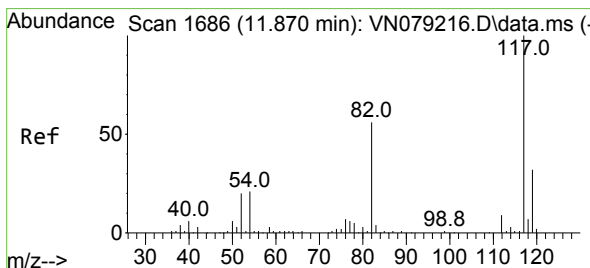
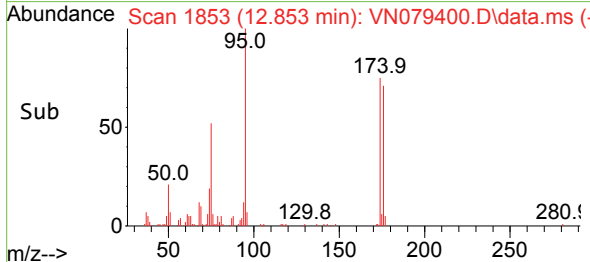
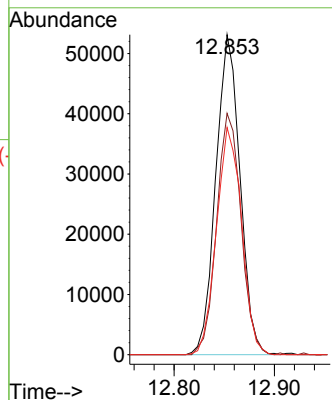
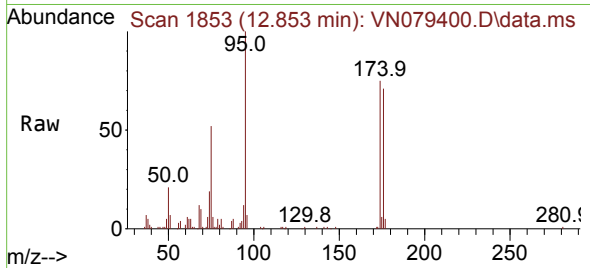




#62  
4-Bromofluorobenzene  
Concen: 42.349 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

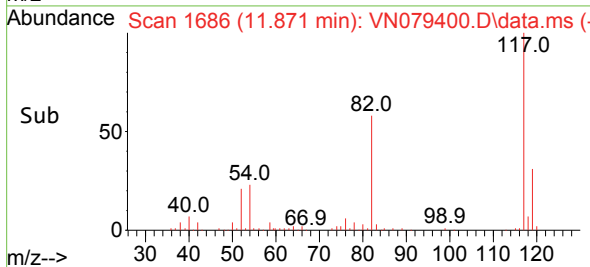
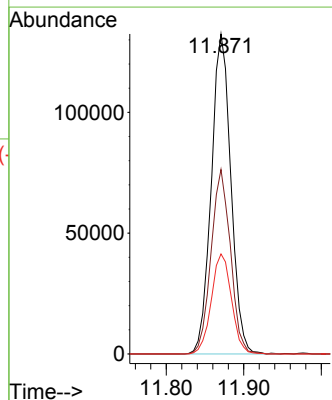
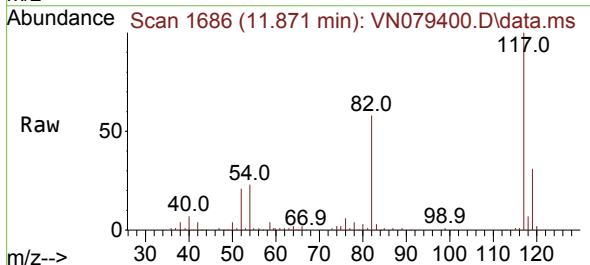
Instrument :  
MSVOA\_N  
ClientSampleId :

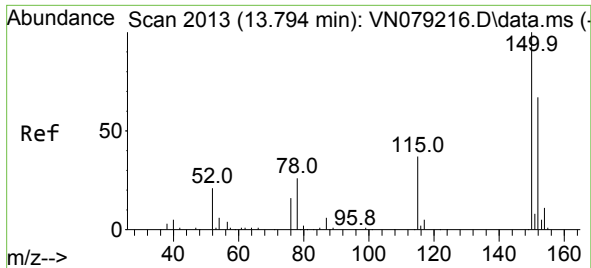
Tgt Ion: 95 Resp: 88924  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 143.8  
176 73.9 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. -0.001 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

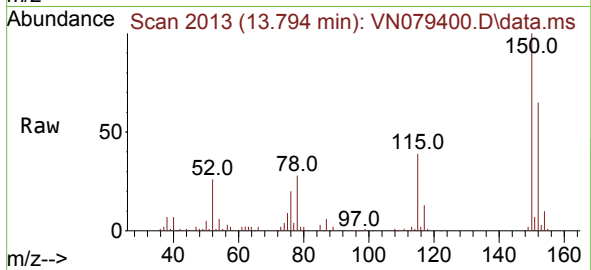
Tgt Ion: 117 Resp: 233046  
Ion Ratio Lower Upper  
117 100  
82 57.6 44.0 66.0  
119 31.3 25.6 38.4



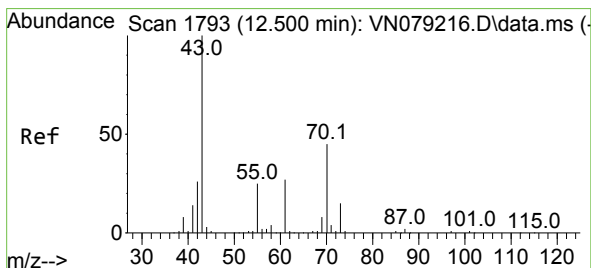
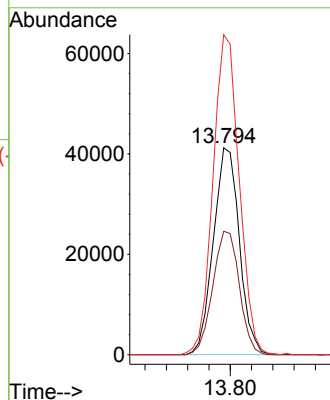
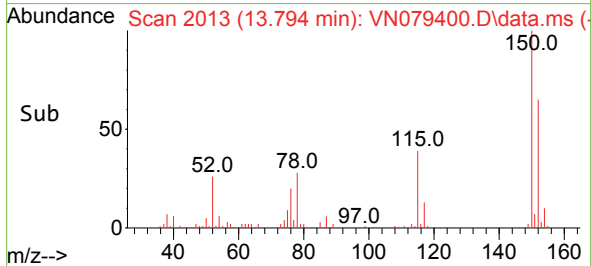


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN079400.D  
 Acq: 04 Oct 2023 13:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :

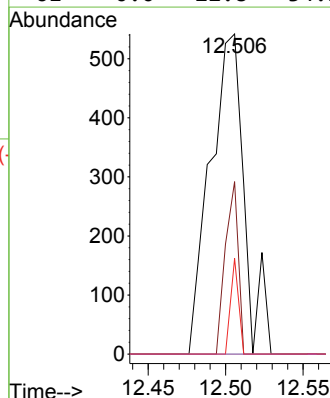
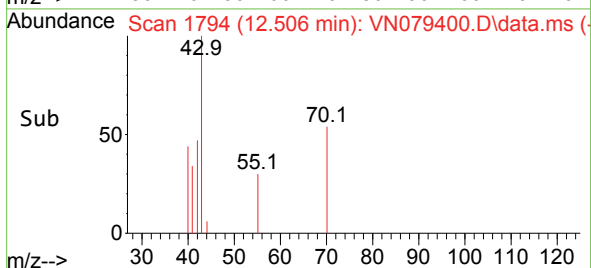
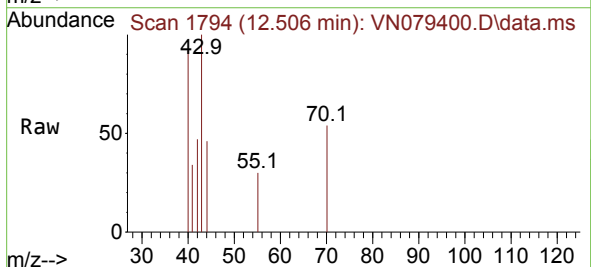


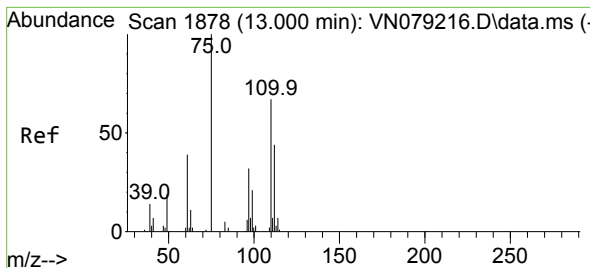
Tgt Ion:152 Resp: 69824  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 32.3 96.8  
 150 155.5 0.0 355.8



#74  
 N-ethyl acetate  
 Concen: 0.343 ug/l  
 RT: 12.506 min Scan# 1794  
 Delta R.T. 0.006 min  
 Lab File: VN079400.D  
 Acq: 04 Oct 2023 13:38

Tgt Ion: 43 Resp: 827  
 Ion Ratio Lower Upper  
 43 100  
 70 20.4 43.4 65.2#  
 55 6.9 21.4 32.0#  
 61 0.0 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 26.502 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

Instrument :

MSVOA\_N

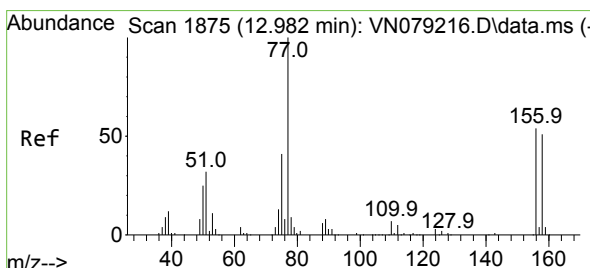
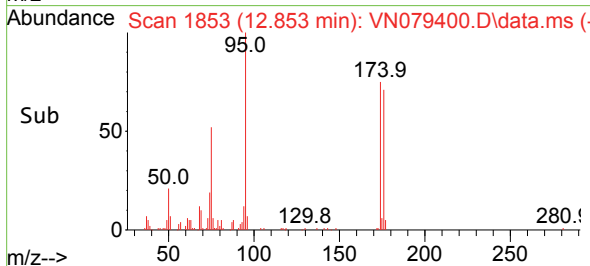
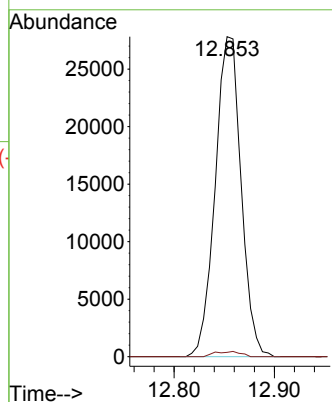
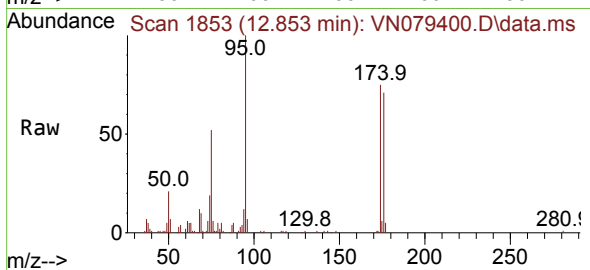
ClientSampleId :

Tgt Ion: 75 Resp: 49872

Ion Ratio Lower Upper

75 100

77 1.6 84.5 253.5#



#77

Bromobenzene

Concen: 0.249 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VN079400.D

Acq: 04 Oct 2023 13:38

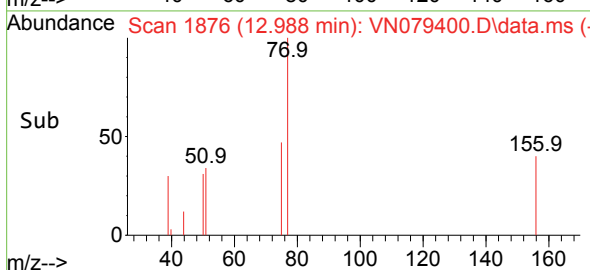
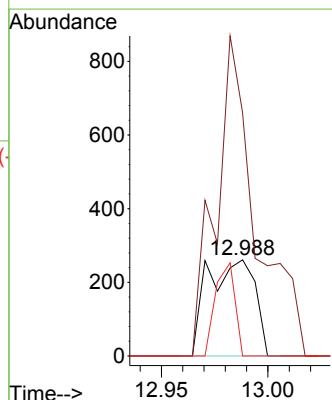
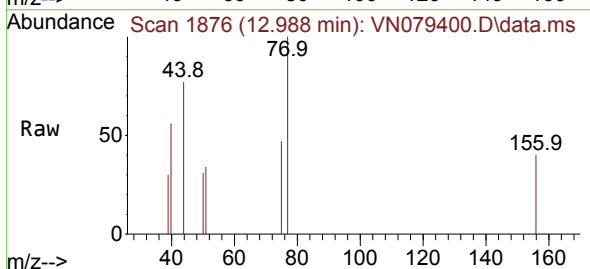
Tgt Ion: 156 Resp: 401

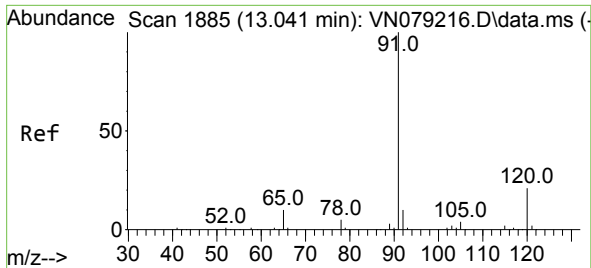
Ion Ratio Lower Upper

156 100

77 284.0 107.7 323.3

158 39.9 48.4 145.3#

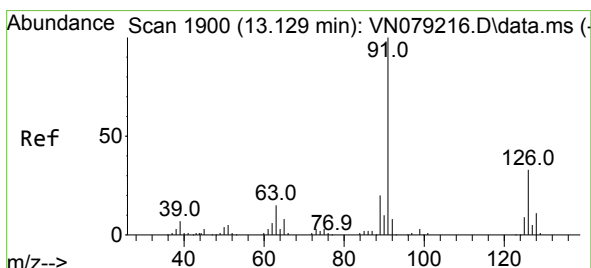
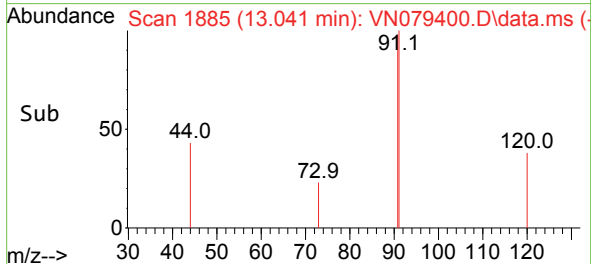
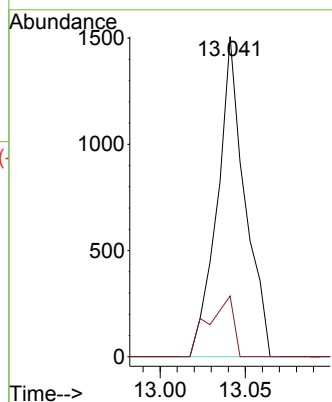
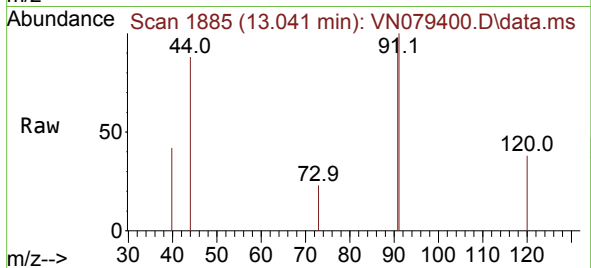




#78  
n-propylbenzene  
Concen: 0.236 ug/l  
RT: 13.041 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

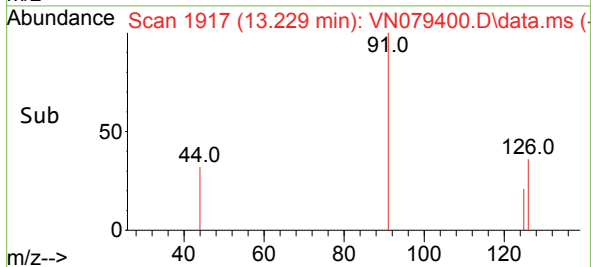
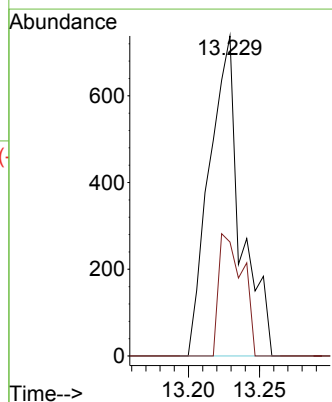
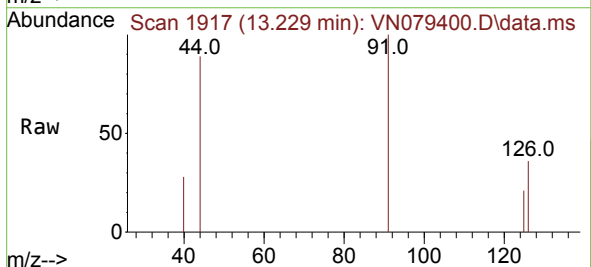
Instrument :  
MSVOA\_N  
ClientSampleId :

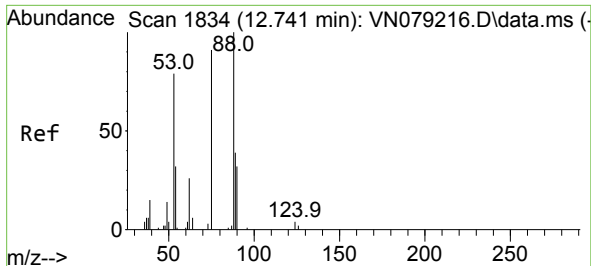
Tgt Ion: 91 Resp: 1685  
Ion Ratio Lower Upper  
91 100  
120 17.5 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 0.243 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.100 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion: 91 Resp: 1135  
Ion Ratio Lower Upper  
91 100  
126 29.3 16.3 48.8

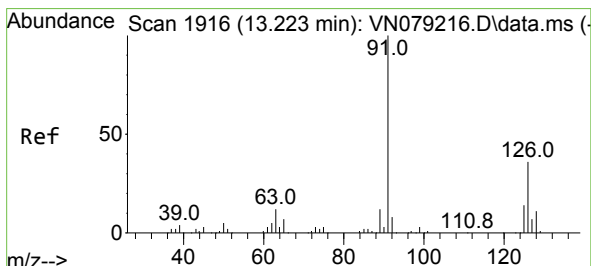
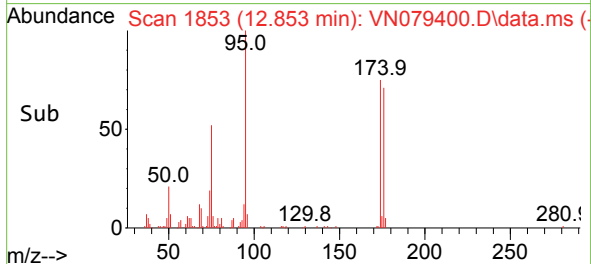
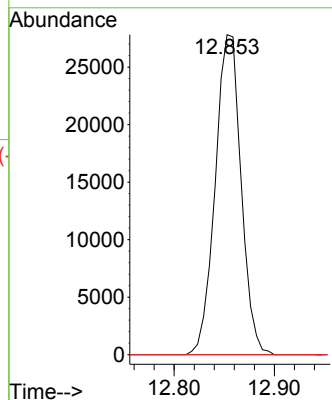
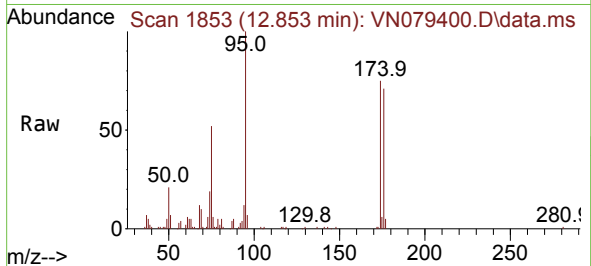




#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.859 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

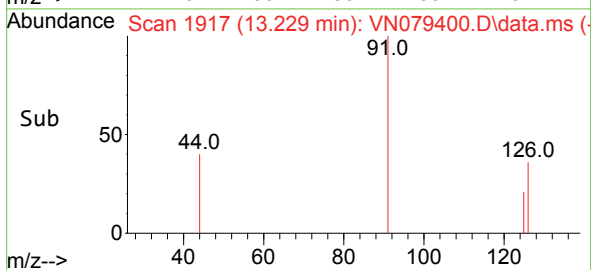
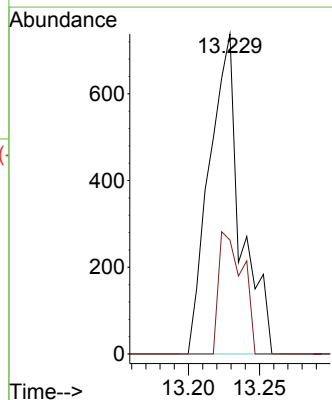
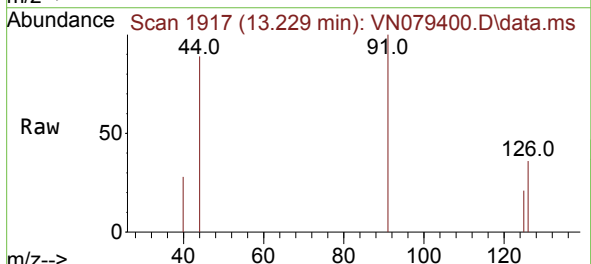
Instrument :  
MSVOA\_N  
ClientSampleId :

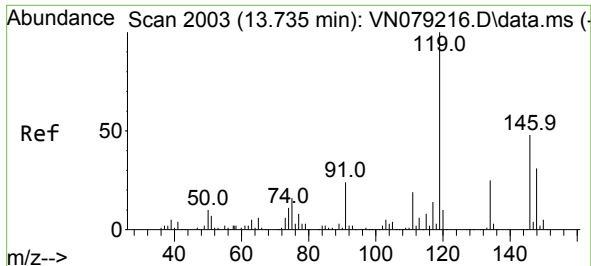
Tgt Ion: 75 Resp: 49872  
Ion Ratio Lower Upper  
75 100  
53 0.0 67.4 101.2#  
89 0.0 38.8 58.2#



#82  
4-Chlorotoluene  
Concen: 0.259 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

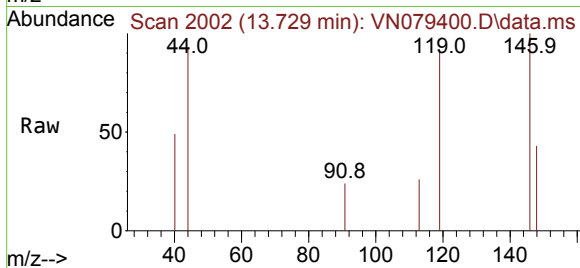
Tgt Ion: 91 Resp: 1135  
Ion Ratio Lower Upper  
91 100  
126 29.3 16.7 50.0



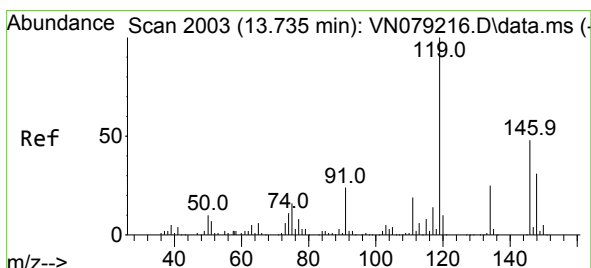
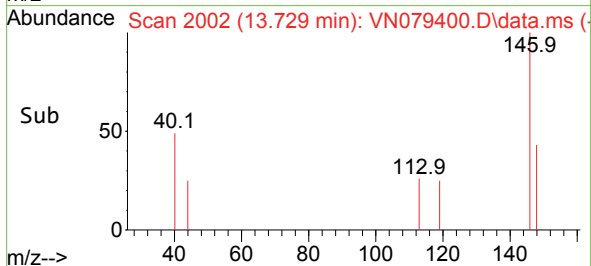
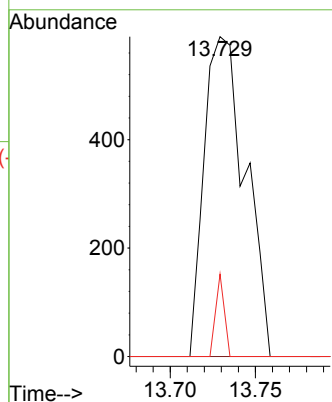


#86  
p-Isopropyltoluene  
Concen: 0.206 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

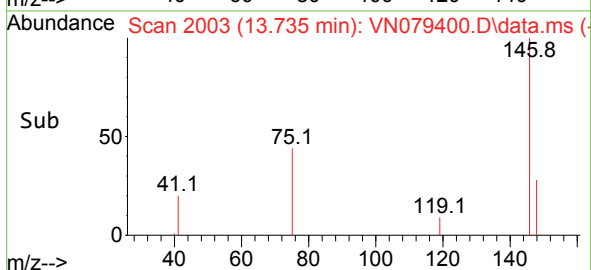
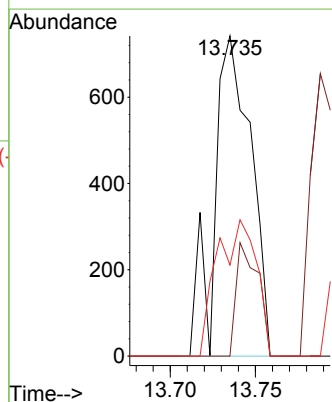
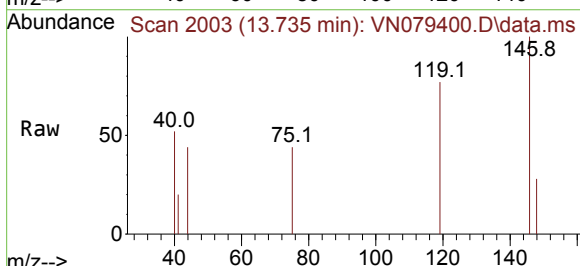


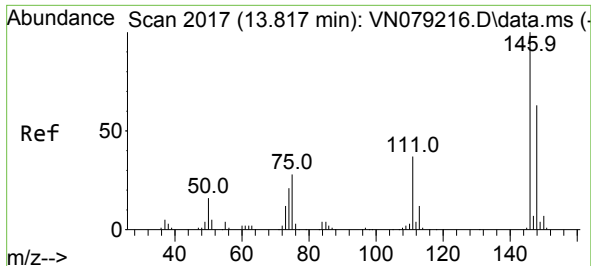
Tgt Ion:119 Resp: 993  
Ion Ratio Lower Upper  
119 100  
134 0.0 12.6 37.8#  
91 5.4 12.4 37.2#



#87  
1,3-Dichlorobenzene  
Concen: 0.420 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

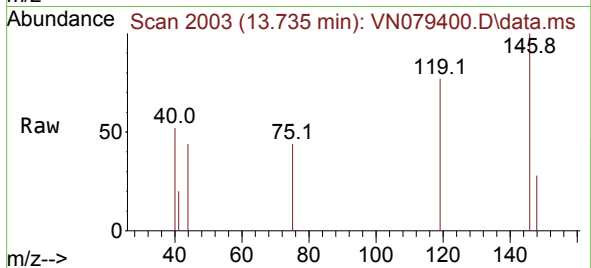
Tgt Ion:146 Resp: 1107  
Ion Ratio Lower Upper  
146 100  
111 21.0 22.1 66.3#  
148 45.7 32.0 96.0



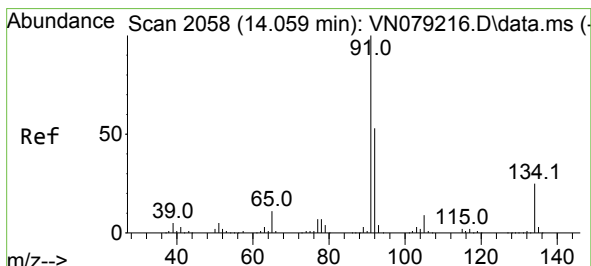
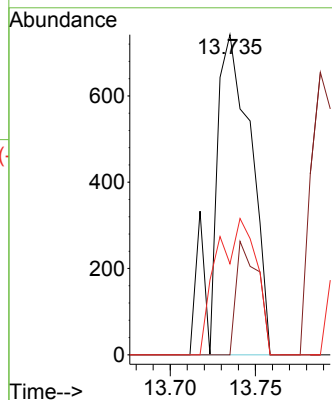
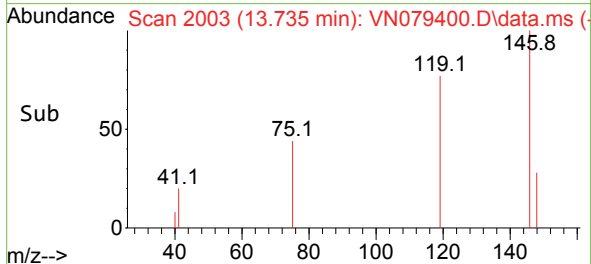


#88  
1,4-Dichlorobenzene  
Concen: 0.415 ug/l  
RT: 13.735 min Scan# 2017  
Delta R.T. -0.083 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

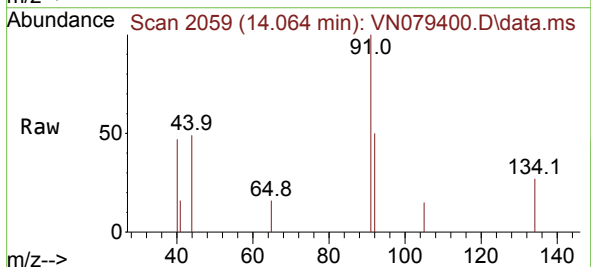
Instrument :  
MSVOA\_N  
ClientSampleId :



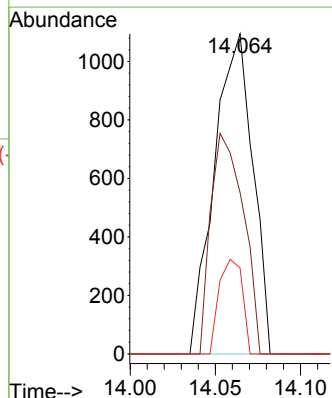
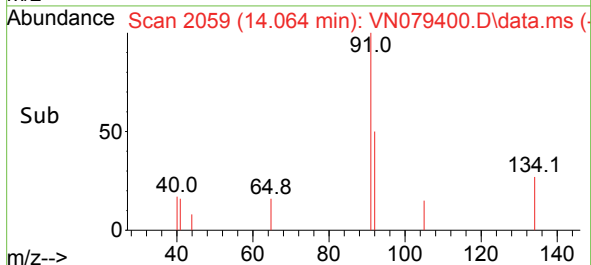
Tgt Ion:146 Resp: 1107  
Ion Ratio Lower Upper  
146 100  
111 21.0 20.6 61.8  
148 45.7 31.6 94.8

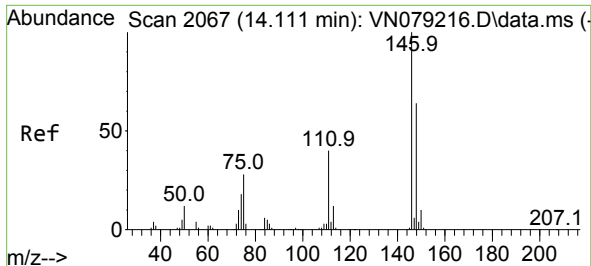


#89  
n-Butylbenzene  
Concen: 0.453 ug/l  
RT: 14.064 min Scan# 2059  
Delta R.T. 0.005 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38



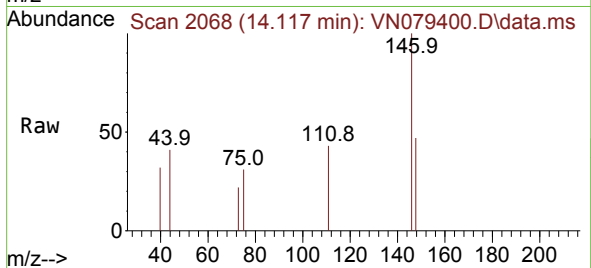
Tgt Ion: 91 Resp: 1717  
Ion Ratio Lower Upper  
91 100  
92 58.5 26.4 79.0  
134 17.9 12.6 37.6



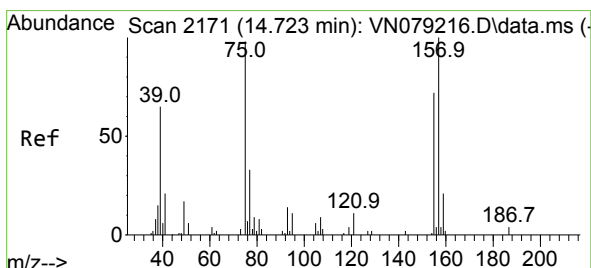
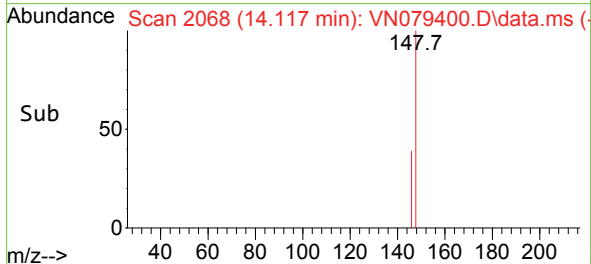
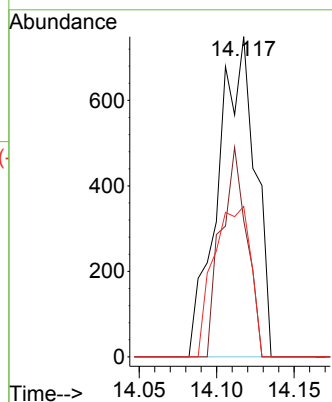


#91  
1,2-Dichlorobenzene  
Concen: 0.482 ug/l  
RT: 14.117 min Scan# 2067  
Delta R.T. 0.005 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :

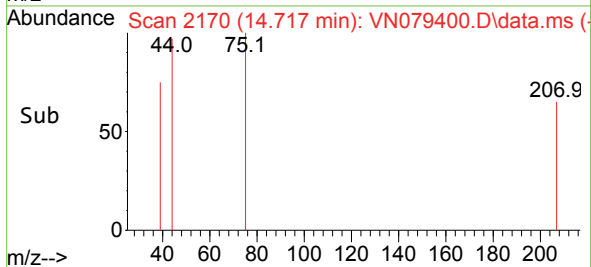
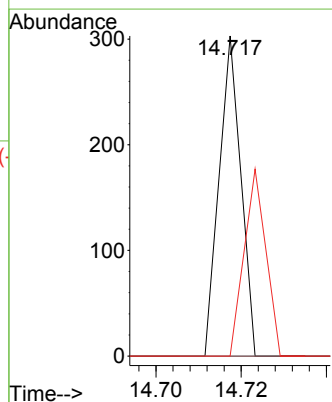
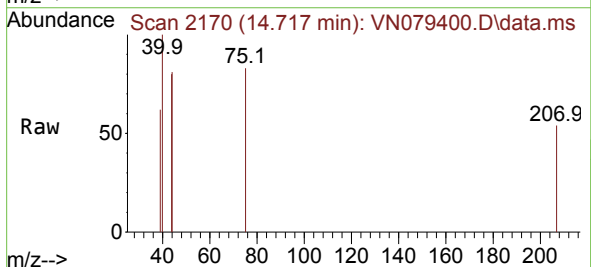


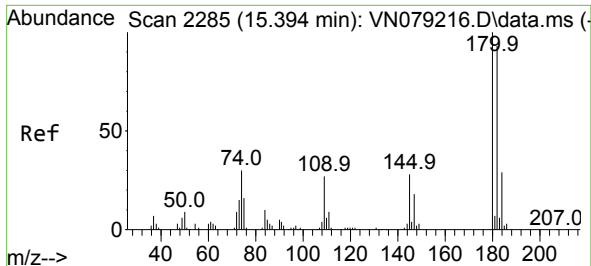
Tgt Ion:146 Resp: 1255  
Ion Ratio Lower Upper  
146 100  
111 45.1 22.0 66.0  
148 46.8 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.298 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

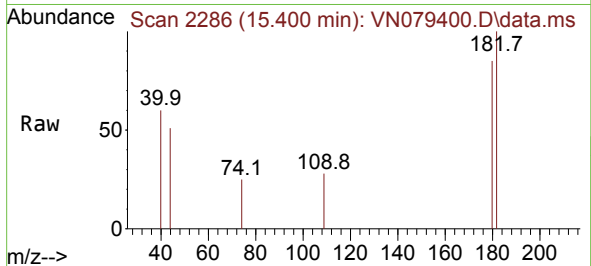
Tgt Ion: 75 Resp: 107  
Ion Ratio Lower Upper  
75 100  
155 0.0 39.1 117.2#  
157 57.9 50.3 150.9



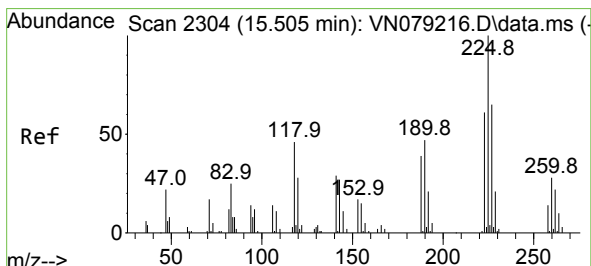
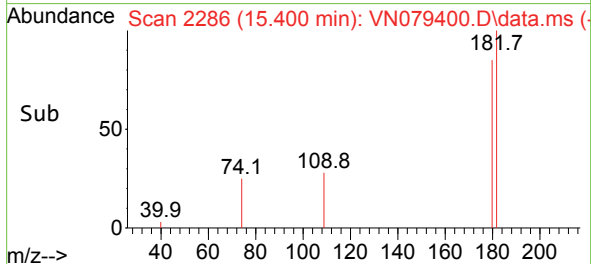
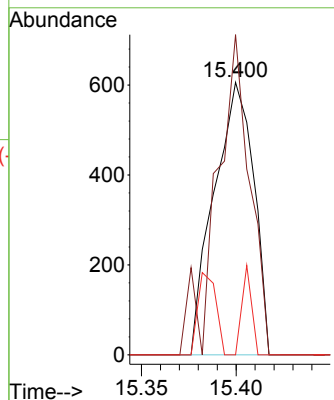


#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.941 ug/l  
 RT: 15.400 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN079400.D  
 Acq: 04 Oct 2023 13:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :

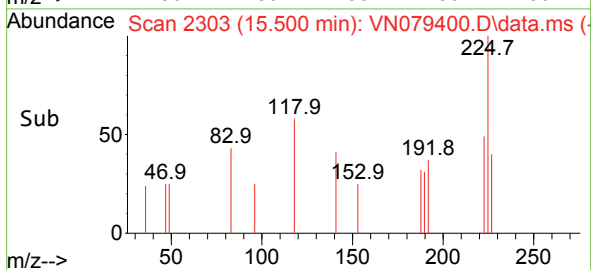
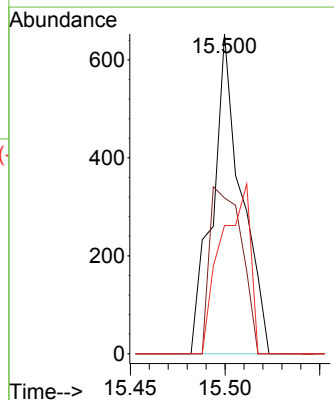
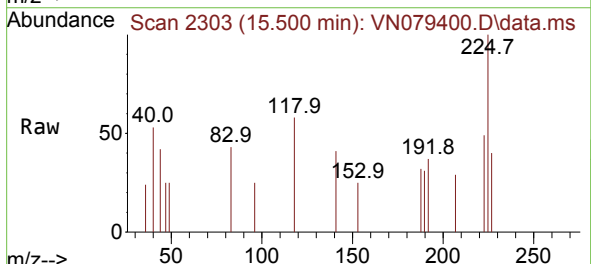


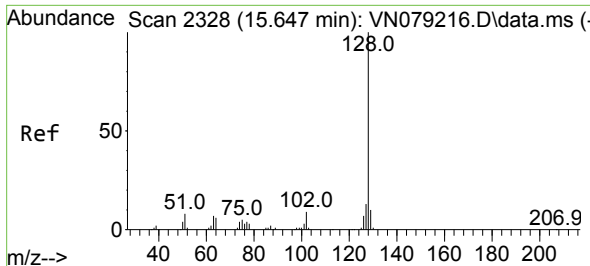
Tgt Ion:180 Resp: 881  
 Ion Ratio Lower Upper  
 180 100  
 182 97.8 46.1 138.2  
 145 7.9 16.6 49.8#



#94  
 Hexachlorobutadiene  
 Concen: 0.940 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. -0.006 min  
 Lab File: VN079400.D  
 Acq: 04 Oct 2023 13:38

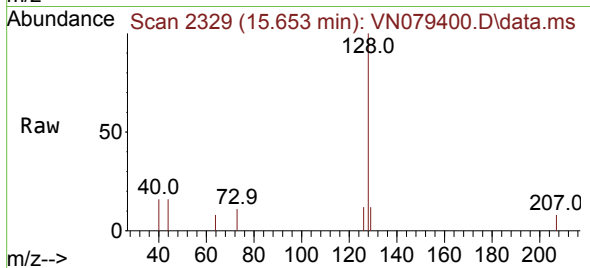
Tgt Ion:225 Resp: 692  
 Ion Ratio Lower Upper  
 225 100  
 223 57.7 31.3 93.8  
 227 53.6 31.9 95.9



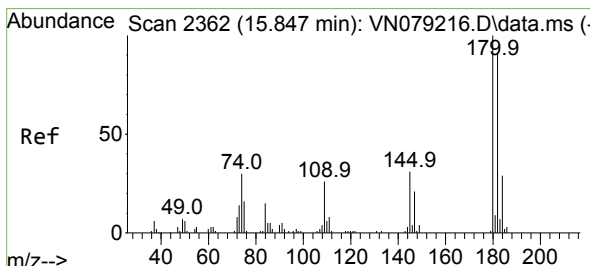
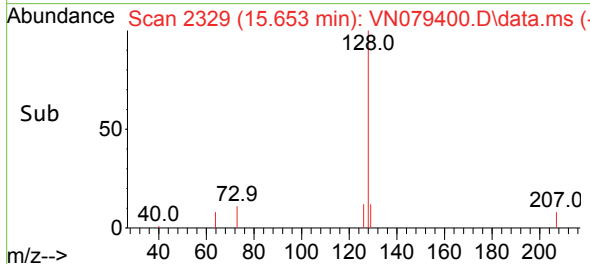
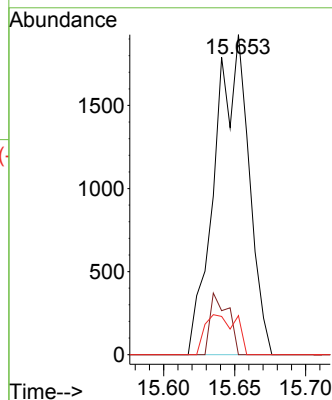


#95  
Naphthalene  
Concen: 1.150 ug/l  
RT: 15.653 min Scan# 2329  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 3196  
Ion Ratio Lower Upper  
128 100  
127 10.1 10.0 15.0  
129 11.5 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 1.089 ug/l  
RT: 15.853 min Scan# 2363  
Delta R.T. 0.006 min  
Lab File: VN079400.D  
Acq: 04 Oct 2023 13:38

Tgt Ion:180 Resp: 1202  
Ion Ratio Lower Upper  
180 100  
182 100.4 46.2 138.6  
145 29.0 17.5 52.6

