

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111423\  
 Data File : VN080089.D  
 Acq On : 14 Nov 2023 15:15  
 Operator : JC\MD  
 Sample : 05386-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 15 03:56:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.230  | 168   | 186604   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 350177   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.865 | 117   | 376845   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 169455   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.583  | 65    | 155568   | 54.720    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | = 109.440% |          |
| 35) Dibromofluoromethane      | 8.171  | 113   | 122423   | 49.396    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 98.800%  |          |
| 50) Toluene-d8                | 10.571 | 98    | 445661   | 48.845    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | = 97.700%  |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 179535   | 59.332    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 118.660% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 2.359  | 50    | 487      | Below Cal | #          | 42       |
| 11) Tert butyl alcohol        | 5.530  | 59    | 2666     | 7.346     | ug/l #     | 72       |
| 13) Acrolein                  | 4.189  | 56    | 205      | 3.170     | ug/l #     | 49       |
| 16) Acetone                   | 4.436  | 43    | 46332    | 46.396    | ug/l       | 97       |
| 17) Carbon Disulfide          | 4.718  | 76    | 46601    | 8.043     | ug/l       | 100      |
| 18) Methyl Acetate            | 5.036  | 43    | 3772     | 0.790     | ug/l #     | 85       |
| 20) Methylene Chloride        | 5.283  | 84    | 7520     | 2.984     | ug/l       | 91       |
| 25) 2-Butanone                | 7.494  | 43    | 5758     | 3.938     | ug/l       | 90       |
| 31) Cyclohexane               | 8.230  | 56    | 5204     | 1.385     | ug/l #     | 44       |
| 36) 1,1-Dichloropropene       | 8.230  | 75    | 15521    | 4.386     | ug/l #     | 50       |
| 37) Ethyl Acetate             | 7.559  | 43    | 3098     | 0.955     | ug/l #     | 72       |
| 38) Carbon Tetrachloride      | 8.224  | 117   | 21279    | 5.966     | ug/l #     | 17       |
| 40) Benzene                   | 8.606  | 78    | 71649    | 6.760     | ug/l       | 99       |
| 42) 1,2-Dichloroethane        | 8.688  | 62    | 1097     | 0.296     | ug/l #     | 73       |
| 43) Isopropyl Acetate         | 8.688  | 43    | 132339   | 23.252    | ug/l #     | 82       |
| 45) 1,2-Dichloropropane       | 9.747  | 63    | 1317     | 0.486     | ug/l #     | 45       |
| 48) Methyl methacrylate       | 9.671  | 41    | 5702     | 2.287     | ug/l #     | 27       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43    | 11867    | 3.703     | ug/l #     | 74       |
| 52) Toluene                   | 10.635 | 92    | 49252    | 7.838     | ug/l       | 99       |
| 53) t-1,3-Dichloropropene     | 10.718 | 75    | 811      | 0.210     | ug/l #     | 1        |
| 54) cis-1,3-Dichloropropene   | 10.359 | 75    | 43913    | 10.419    | ug/l #     | 68       |
| 57) 1,3-Dichloropropane       | 11.206 | 76    | 5290     | 1.187     | ug/l #     | 42       |
| 59) 2-Hexanone                | 11.206 | 43    | 52734    | 21.513    | ug/l #     | 54       |
| 67) Ethyl Benzene             | 11.965 | 91    | 11621    | 0.816     | ug/l       | 99       |
| 68) m/p-Xylenes               | 12.071 | 106   | 16443    | 3.099     | ug/l       | 85       |
| 69) o-Xylene                  | 12.400 | 106   | 9366     | 1.833     | ug/l       | 96       |
| 71) Bromoform                 | 12.853 | 173   | 827      | 0.395     | ug/l #     | 1        |
| 74) N-amyl acetate            | 12.459 | 43    | 4137     | 0.737     | ug/l #     | 37       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 103615   | 26.045    | ug/l #     | 1        |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105   | 2502     | 0.250     | ug/l       | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 103615   | 70.862    | ug/l #     | 15       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105   | 6648     | 0.675     | ug/l       | 82       |
| 85) sec-Butylbenzene          | 13.482 | 105   | 6648     | 0.586     | ug/l #     | 57       |
| 95) Naphthalene               | 15.647 | 128   | 5484     | 0.615     | ug/l #     | 95       |
| -----                         |        |       |          |           |            |          |

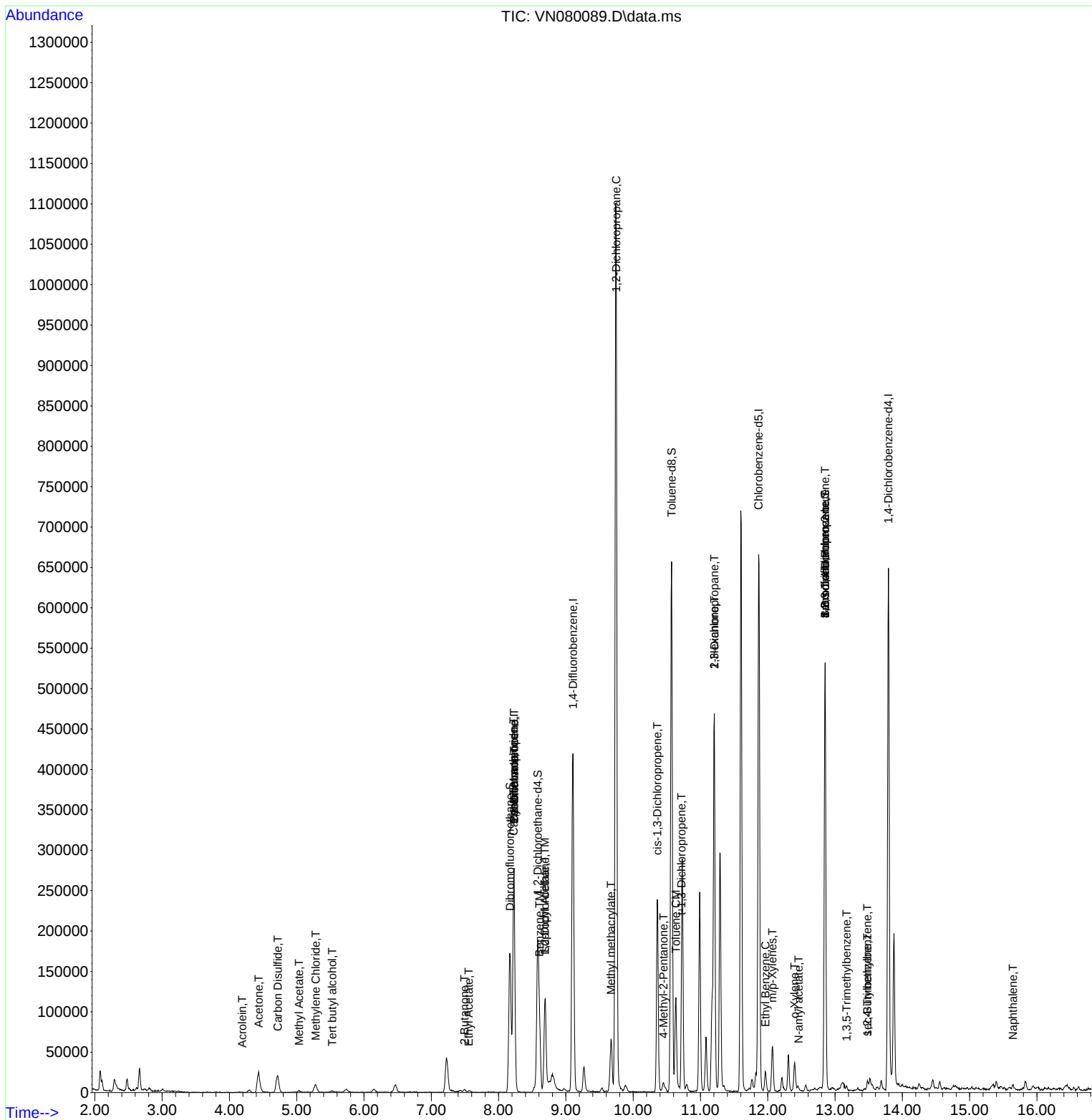
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Data File : VN080089.D  
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

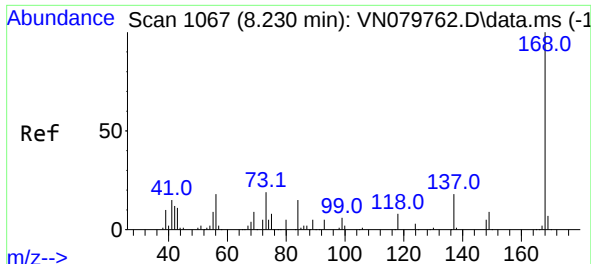
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 15 03:56:43 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration

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

Quant Time: Nov 15 03:56:43 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
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Response via : Initial Calibration

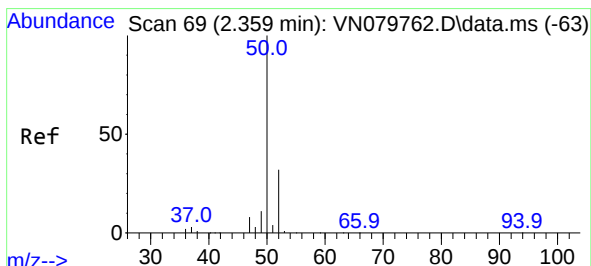
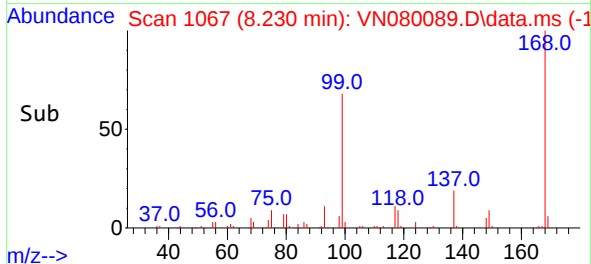
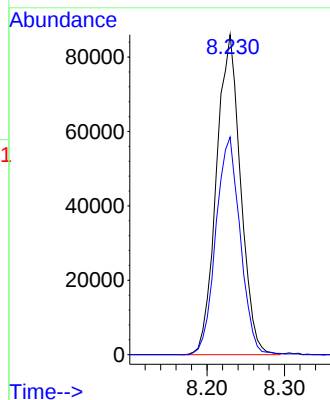
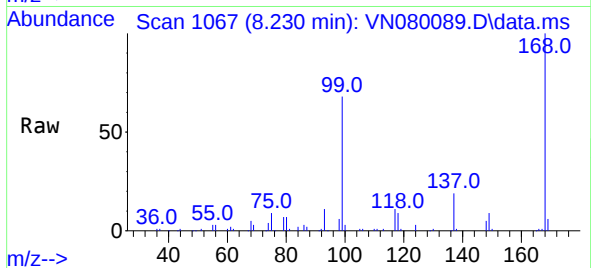




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. 0.001 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

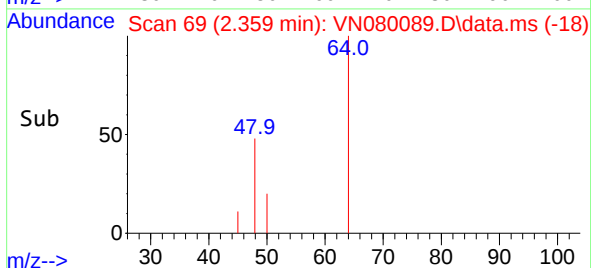
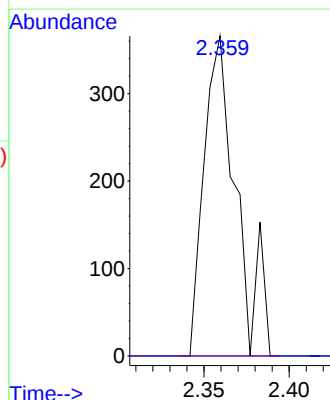
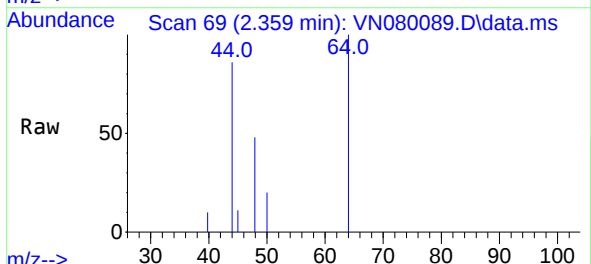
Instrument :  
MSVOA\_N  
ClientSampleId :

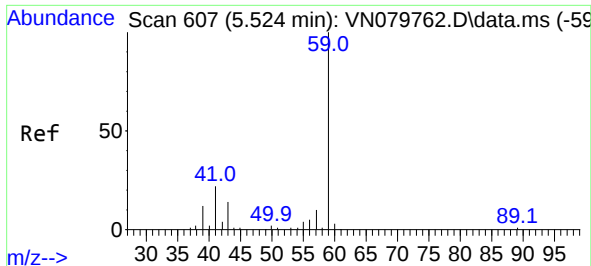
Tgt Ion:168 Resp: 186604  
Ion Ratio Lower Upper  
168 100  
99 68.0 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 50 Resp: 487  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.5 39.7#

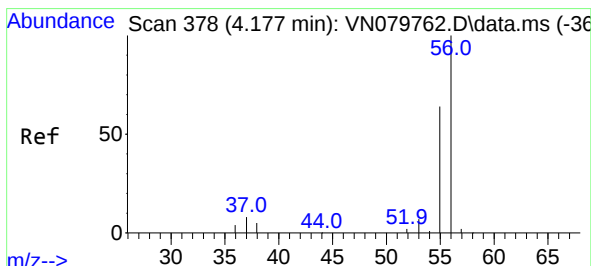
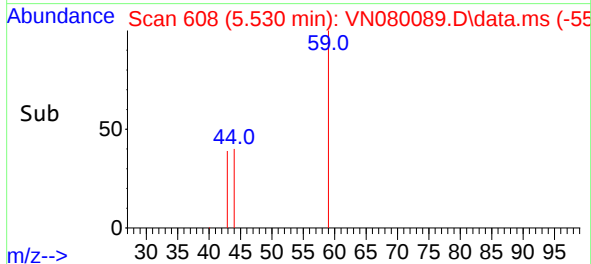
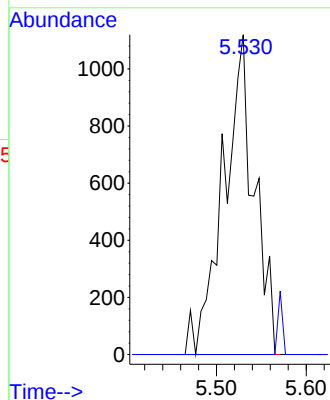
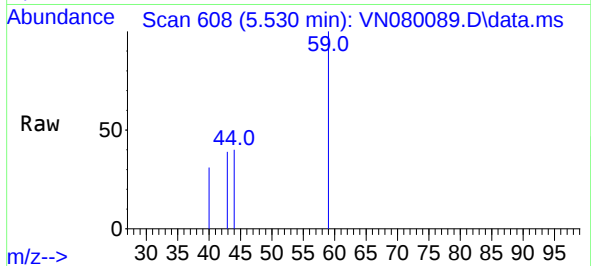




#11  
Tert butyl alcohol  
Concen: 7.346 ug/l  
RT: 5.530 min Scan# 60  
Delta R.T. 0.012 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

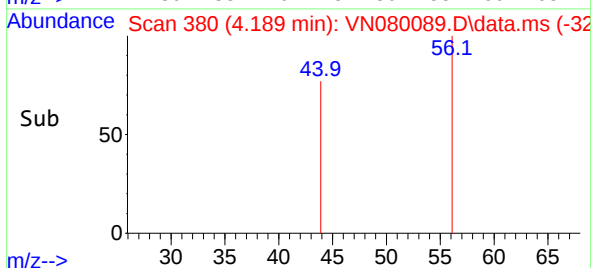
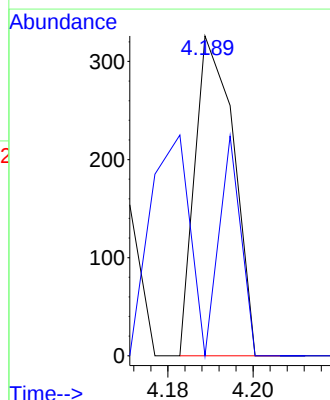
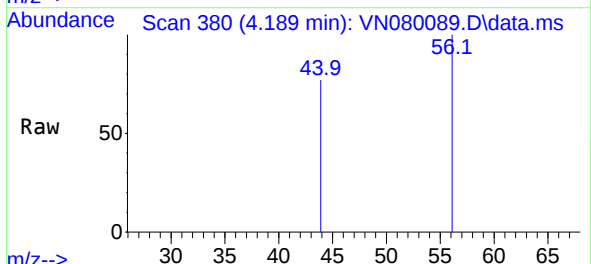
Instrument :  
MSVOA\_N  
ClientSampleId :

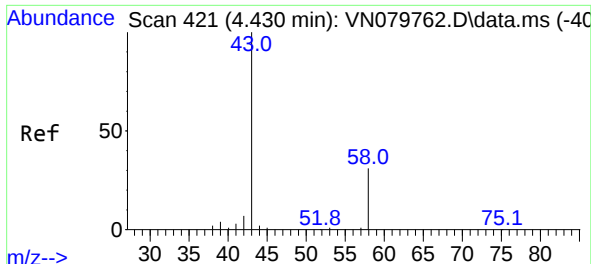
Tgt Ion: 59 Resp: 2666  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#13  
Acrolein  
Concen: 3.170 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 56 Resp: 205  
Ion Ratio Lower Upper  
56 100  
55 109.3 54.5 81.7#

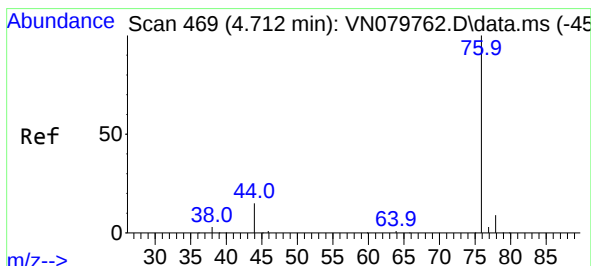
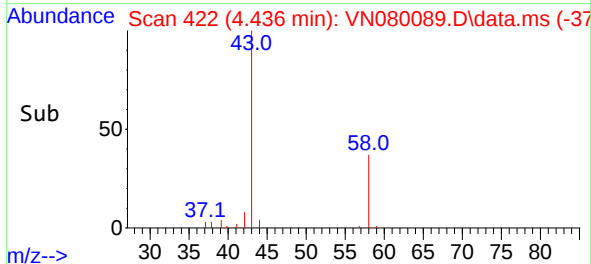
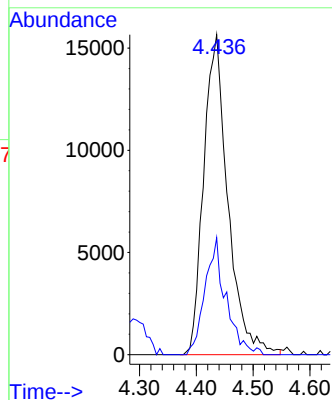
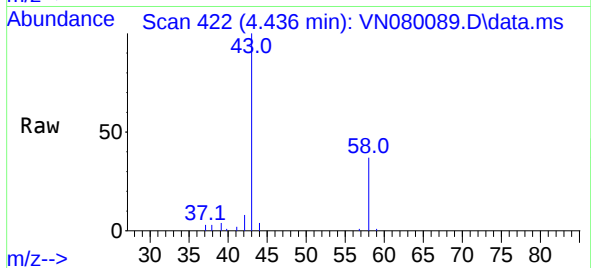




#16  
Acetone  
Concen: 46.396 ug/l  
RT: 4.436 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

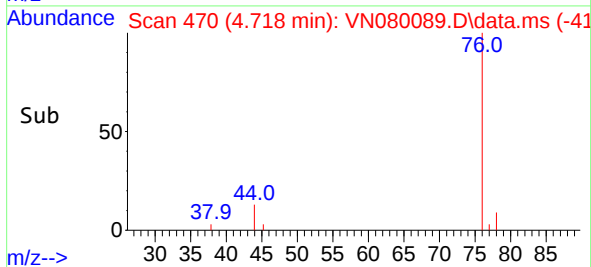
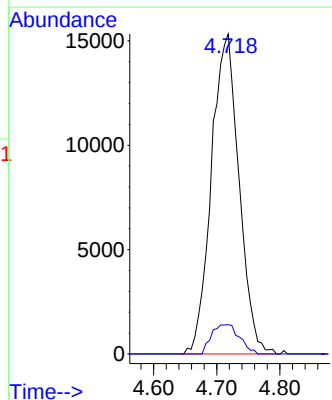
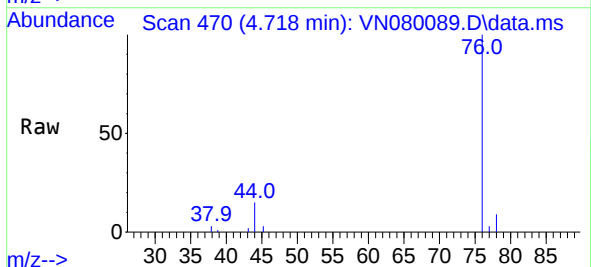
Instrument :  
MSVOA\_N  
ClientSampleId :

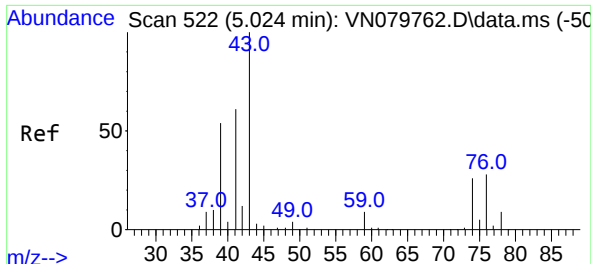
Tgt Ion: 43 Resp: 46332  
Ion Ratio Lower Upper  
43 100  
58 36.6 28.0 42.0



#17  
Carbon Disulfide  
Concen: 8.043 ug/l  
RT: 4.718 min Scan# 470  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 76 Resp: 46601  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0

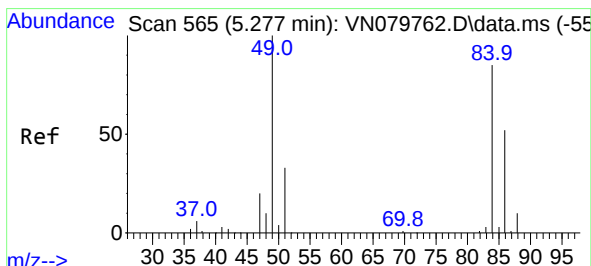
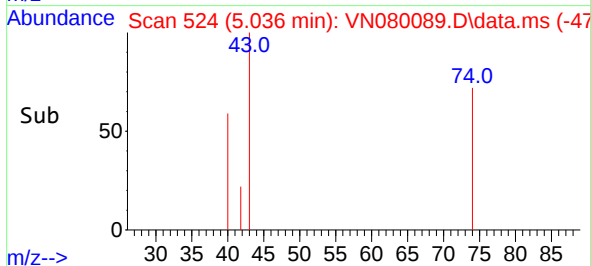
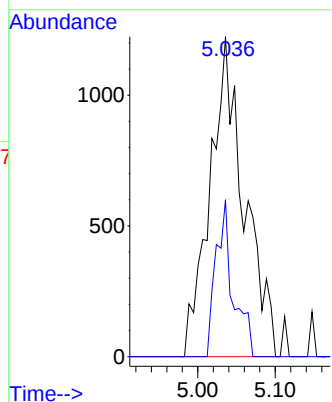
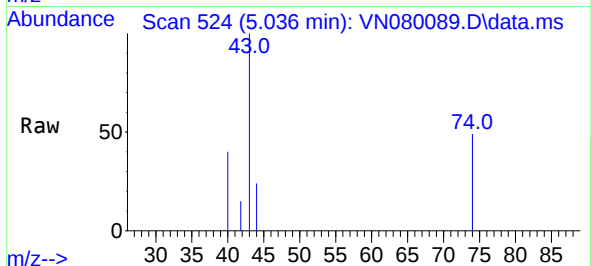




#18  
Methyl Acetate  
Concen: 0.790 ug/l  
RT: 5.036 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

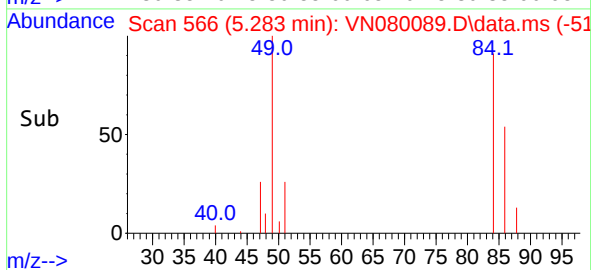
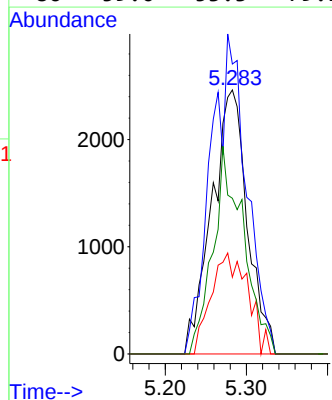
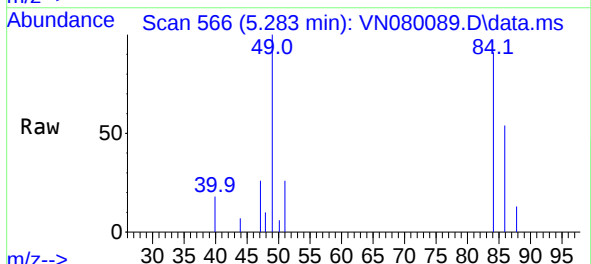
Instrument :  
MSVOA\_N  
ClientSampleId :

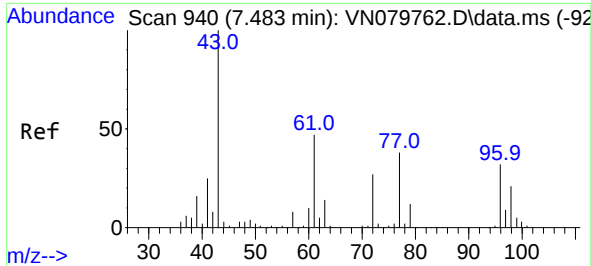
Tgt Ion: 43 Resp: 3772  
Ion Ratio Lower Upper  
43 100  
74 24.6 26.2 39.4#



#20  
Methylene Chloride  
Concen: 2.984 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.012 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 84 Resp: 7520  
Ion Ratio Lower Upper  
84 100  
49 109.9 79.7 119.5  
51 29.1 25.2 37.8  
86 59.0 53.3 79.9

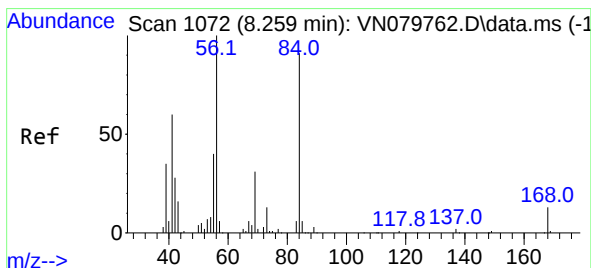
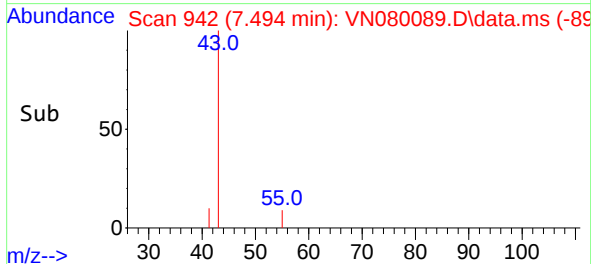
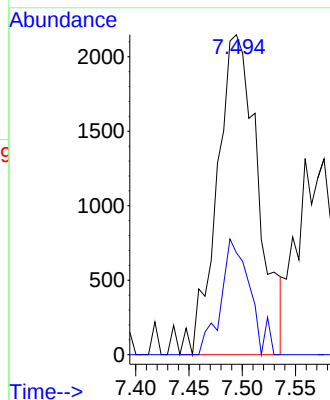
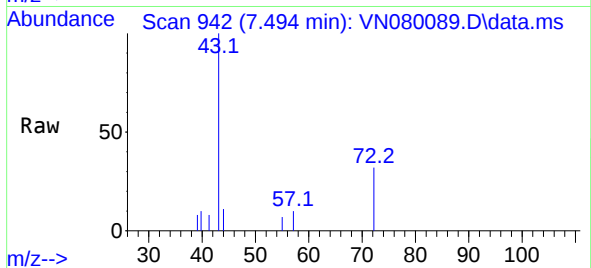




#25  
2-Butanone  
Concen: 3.938 ug/l  
RT: 7.494 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

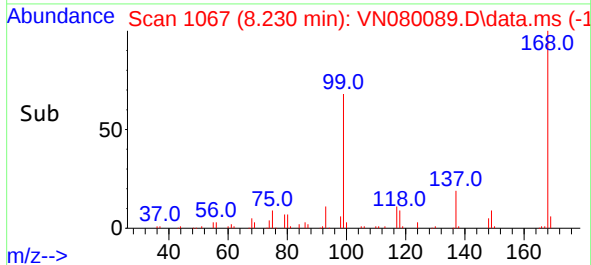
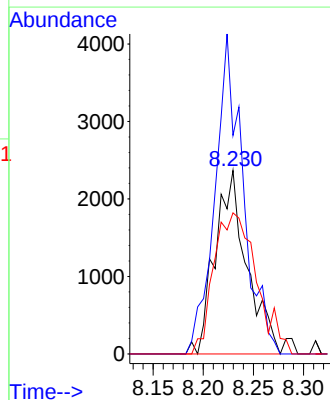
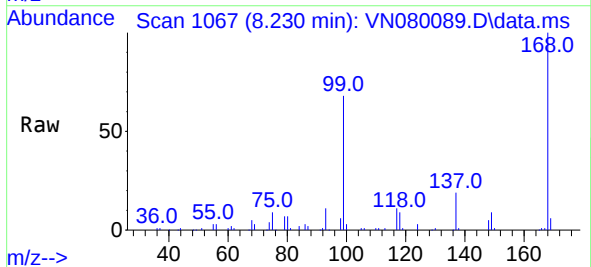
Instrument :  
MSVOA\_N  
ClientSampleId :

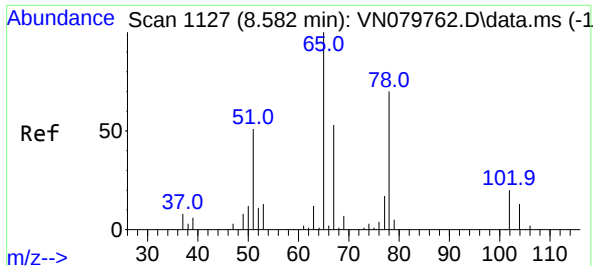
Tgt Ion: 43 Resp: 5758  
Ion Ratio Lower Upper  
43 100  
72 31.8 30.2 45.2



#31  
Cyclohexane  
Concen: 1.385 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.029 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 56 Resp: 5204  
Ion Ratio Lower Upper  
56 100  
69 119.1 26.8 40.2#  
84 76.9 81.8 122.6#

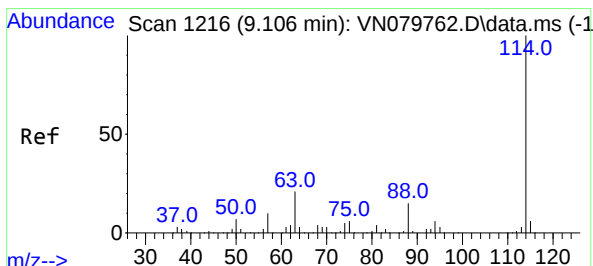
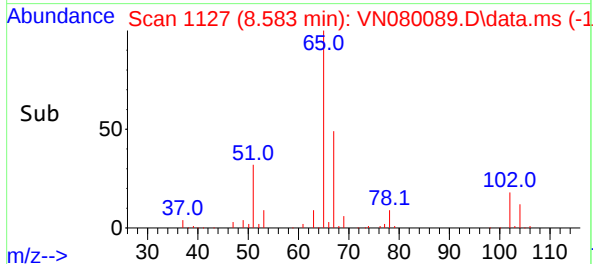
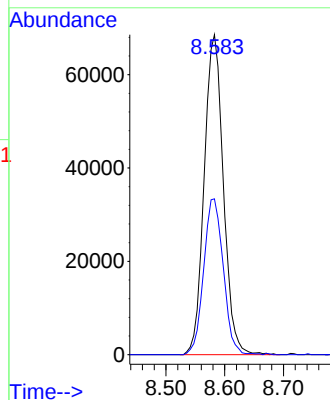
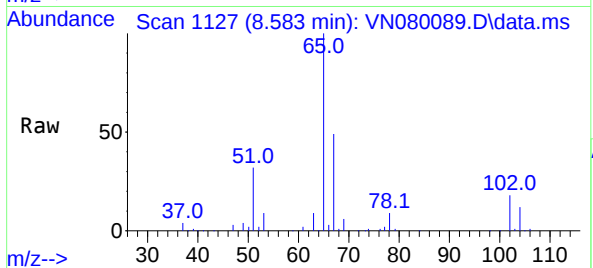




#33  
1,2-Dichloroethane-d4  
Concen: 54.720 ug/l  
RT: 8.583 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

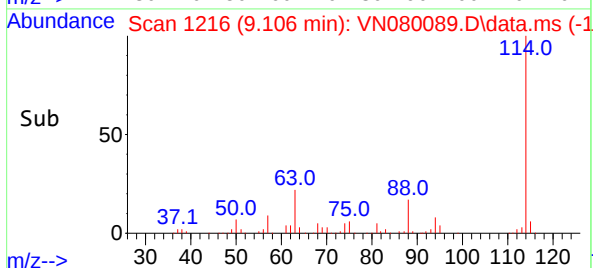
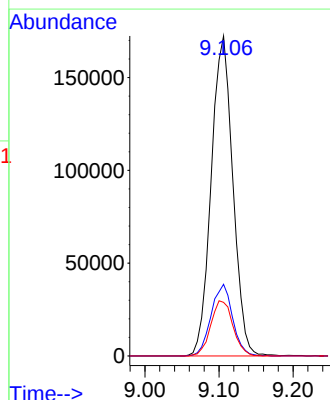
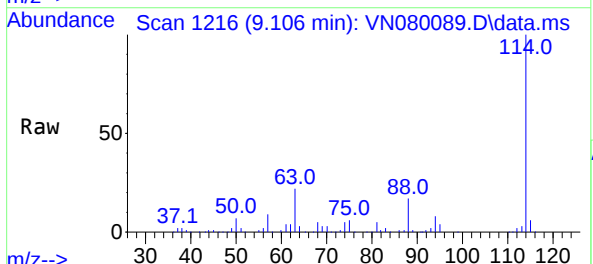
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MSVOA\_N  
ClientSampleId :

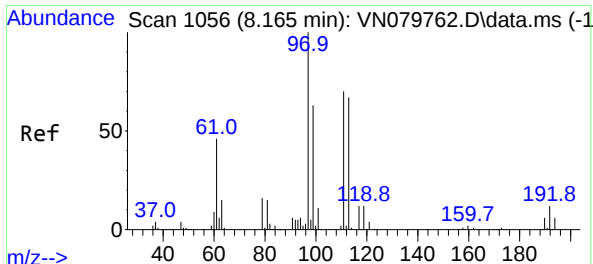
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Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

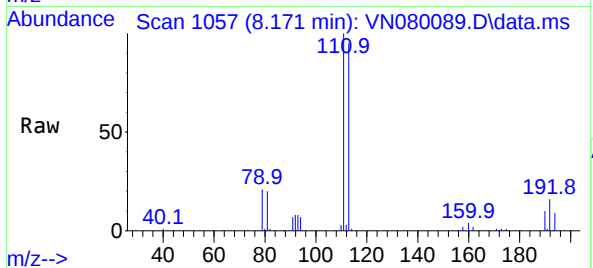
Tgt Ion: 114 Resp: 350177  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 36.4  
88 16.7 0.0 30.6



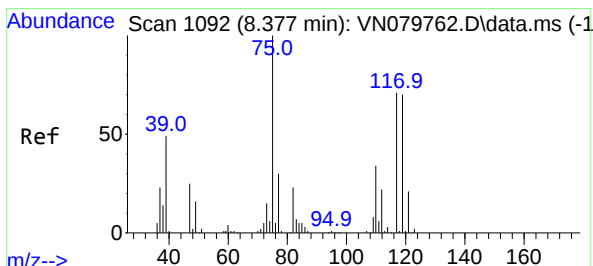
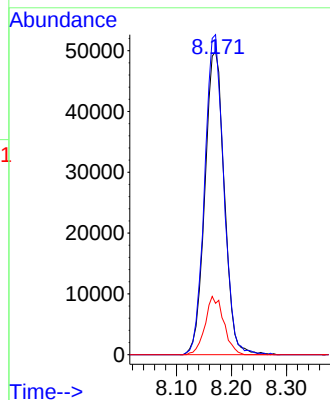
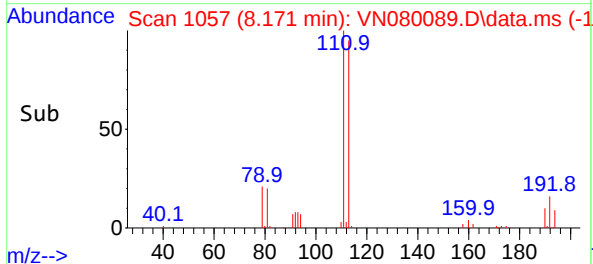


#35  
Dibromofluoromethane  
Concen: 49.396 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :

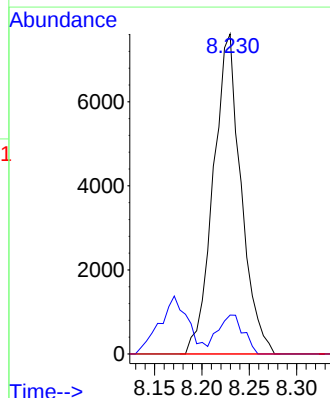
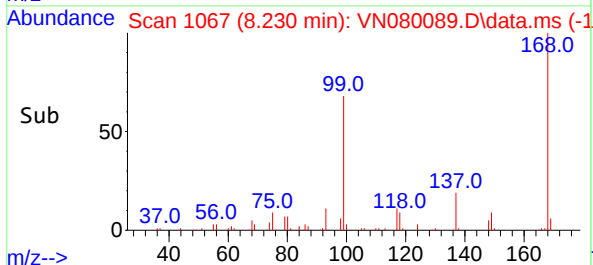
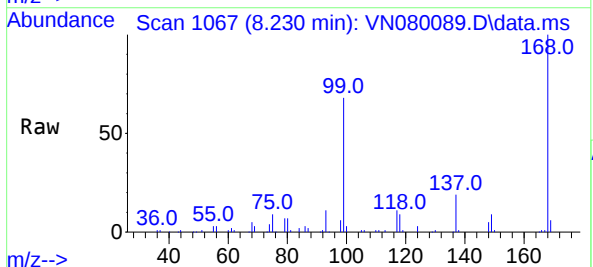


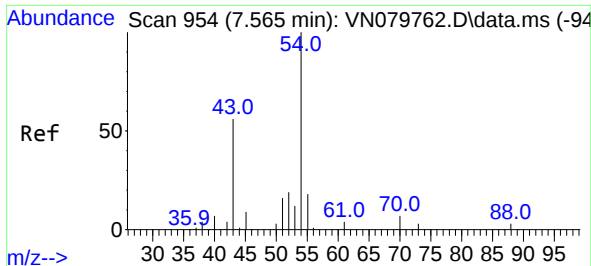
Tgt Ion:113 Resp: 122423  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.6 123.8  
192 18.5 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 4.386 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.147 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

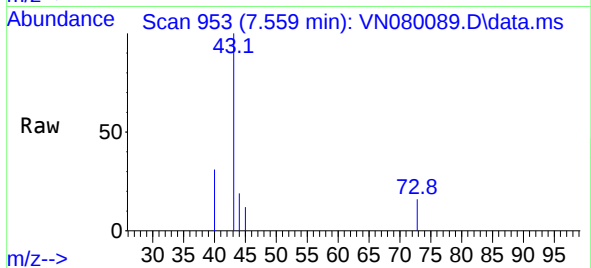
Tgt Ion: 75 Resp: 15521  
Ion Ratio Lower Upper  
75 100  
110 11.1 19.1 57.3#  
77 0.0 25.0 37.4#



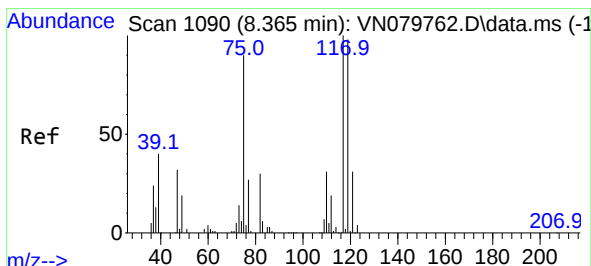
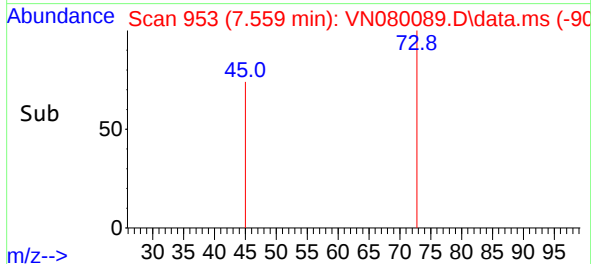
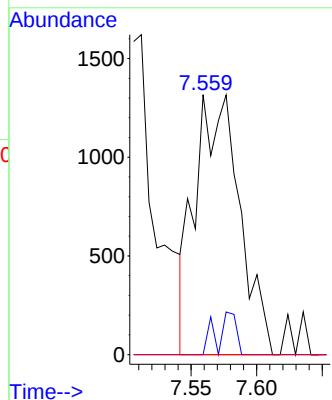


#37  
Ethyl Acetate  
Concen: 0.955 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :

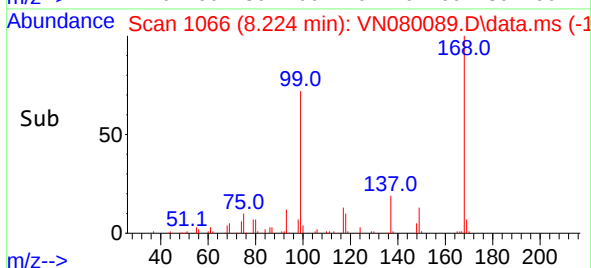
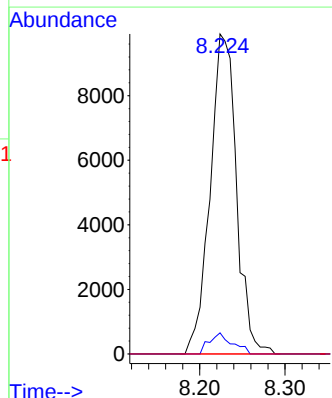
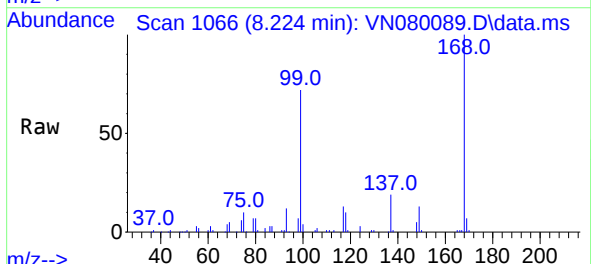


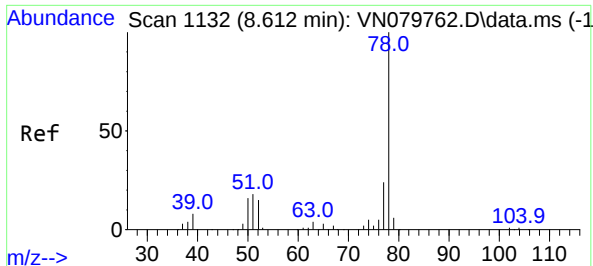
Tgt Ion: 43 Resp: 3098  
Ion Ratio Lower Upper  
43 100  
61 7.0 13.2 19.8#  
70 0.0 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 5.966 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 117 Resp: 21279  
Ion Ratio Lower Upper  
117 100  
119 6.6 77.3 115.9#  
121 0.0 23.3 34.9#

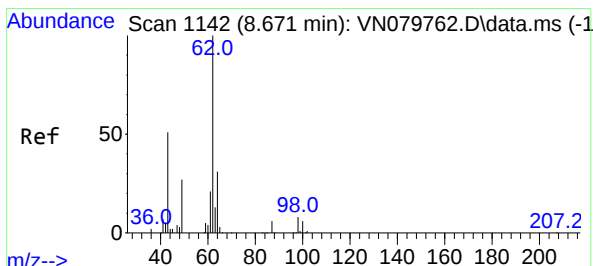
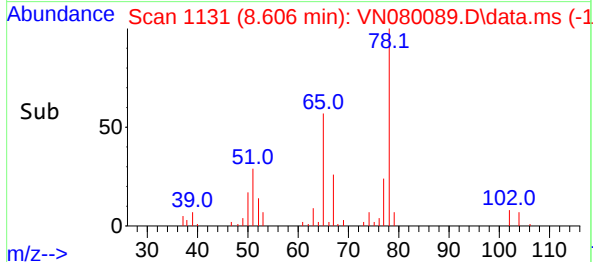
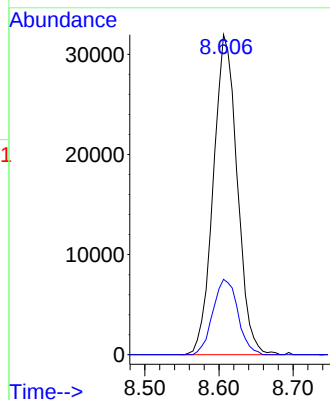
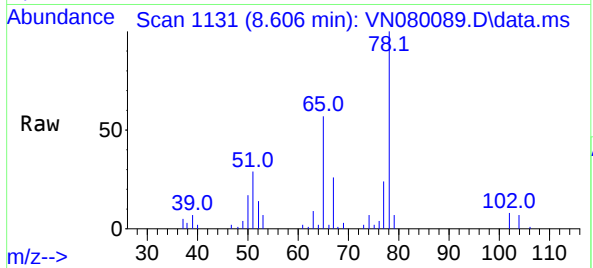




#40  
Benzene  
Concen: 6.760 ug/l  
RT: 8.606 min Scan# 1132  
Delta R.T. -0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

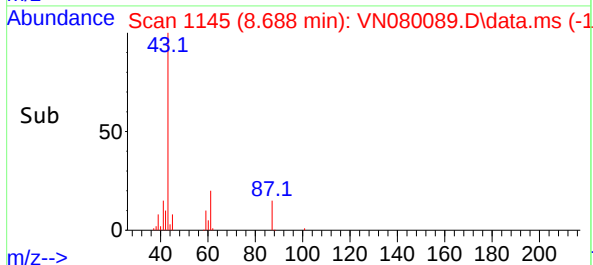
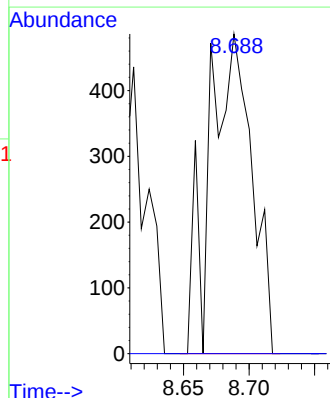
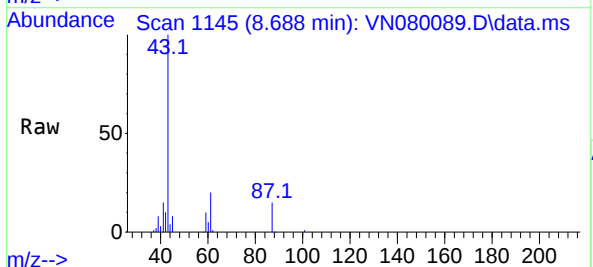
Instrument :  
MSVOA\_N  
ClientSampleId :

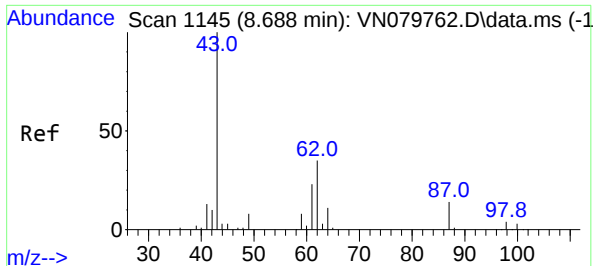
Tgt Ion: 78 Resp: 71649  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.6



#42  
1,2-Dichloroethane  
Concen: 0.296 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.018 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 62 Resp: 1097  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 19.8

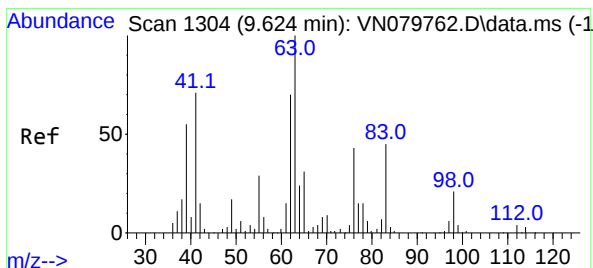
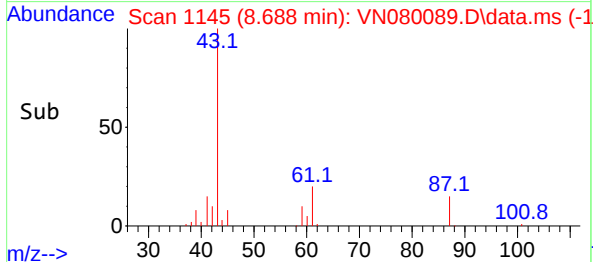
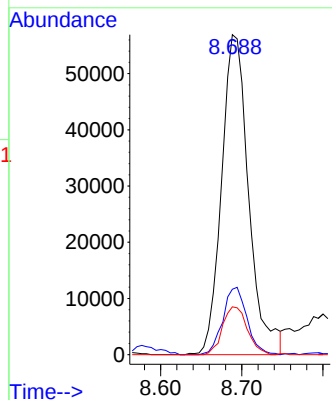
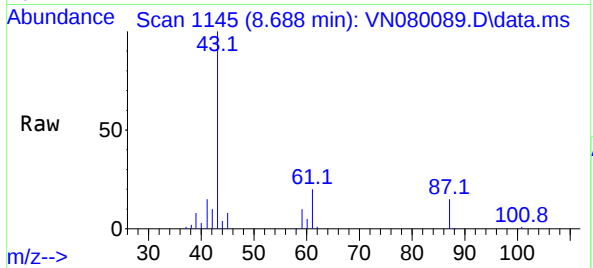




#43  
Isopropyl Acetate  
Concen: 23.252 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

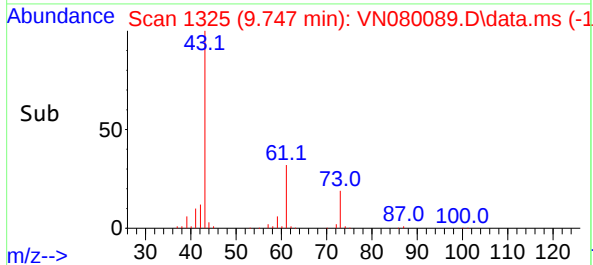
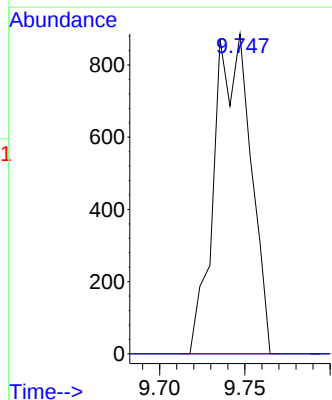
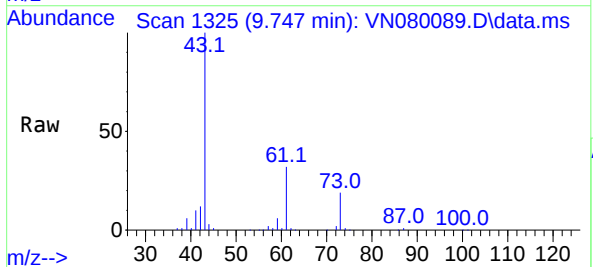
Instrument :  
MSVOA\_N  
ClientSampleId :

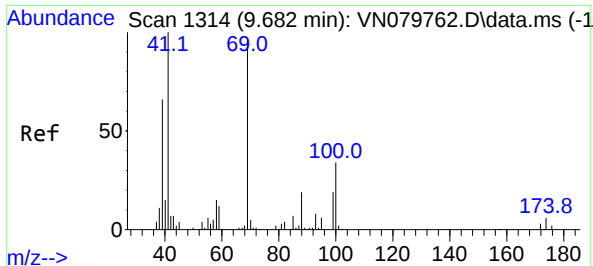
Tgt Ion: 43 Resp: 132339  
Ion Ratio Lower Upper  
43 100  
61 18.7 24.7 37.1#  
87 13.6 14.6 21.8#



#45  
1,2-Dichloropropane  
Concen: 0.486 ug/l  
RT: 9.747 min Scan# 1325  
Delta R.T. 0.124 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 63 Resp: 1317  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#

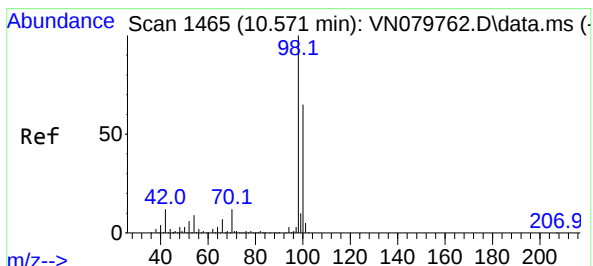
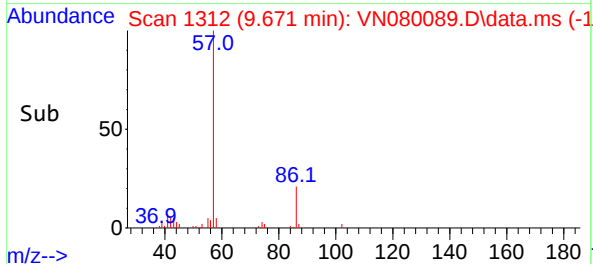
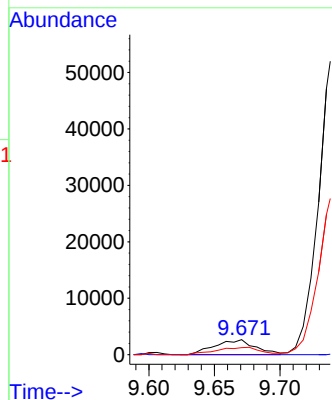
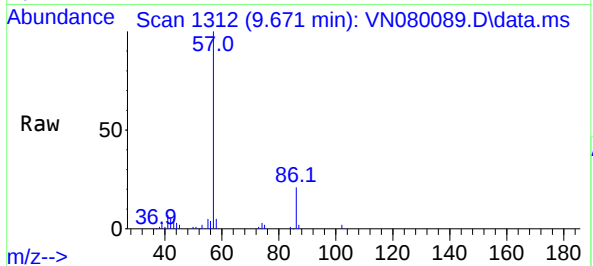




#48  
Methyl methacrylate  
Concen: 2.287 ug/l  
RT: 9.671 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

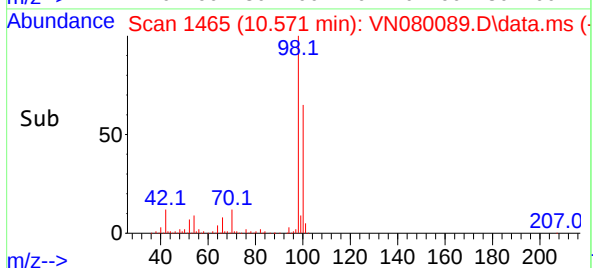
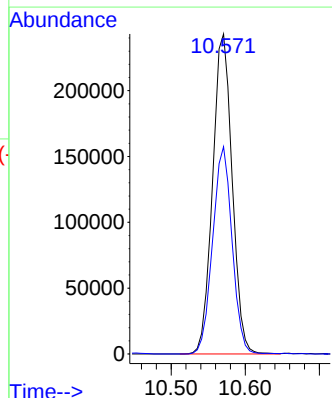
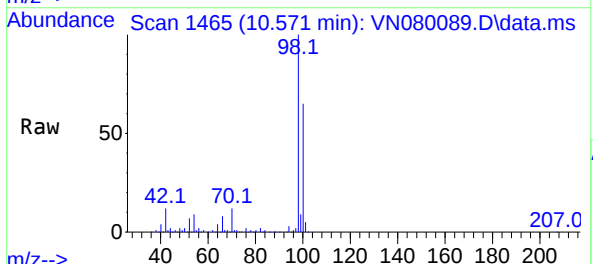
Instrument :  
MSVOA\_N  
ClientSampleId :

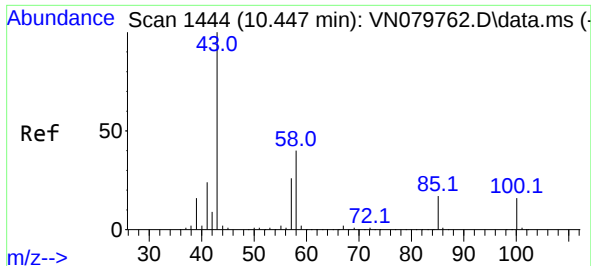
Tgt Ion: 41 Resp: 5702  
Ion Ratio Lower Upper  
41 100  
69 0.0 90.4 135.6#  
39 52.1 54.6 81.8#



#50  
Toluene-d8  
Concen: 48.845 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 98 Resp: 445661  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.0 78.0

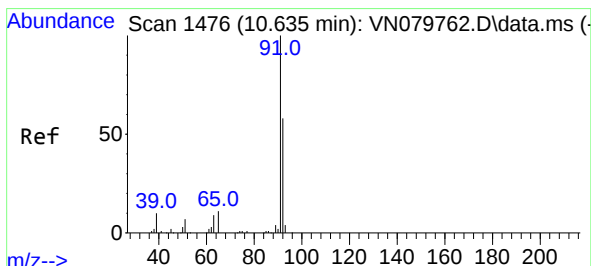
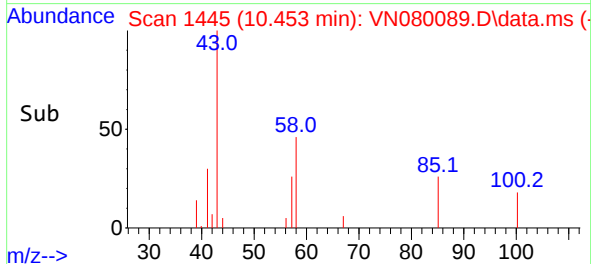
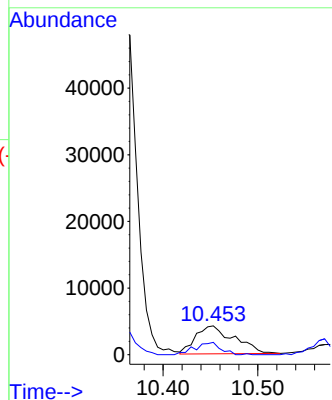
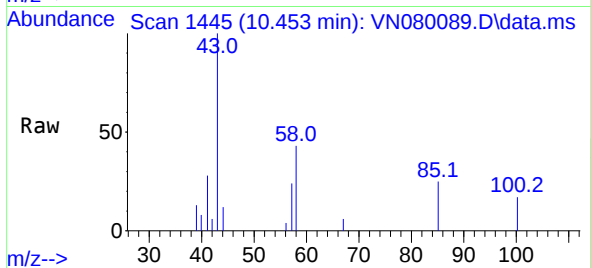




#51  
4-Methyl-2-Pentanone  
Concen: 3.703 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

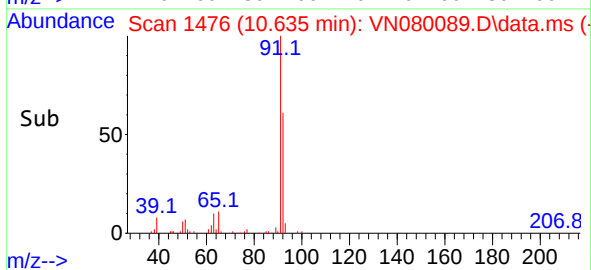
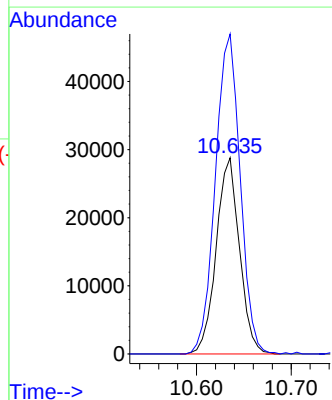
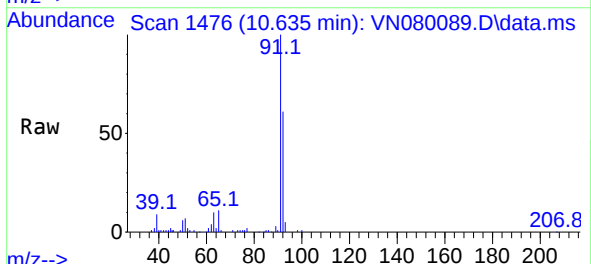
Instrument :  
MSVOA\_N  
ClientSampleId :

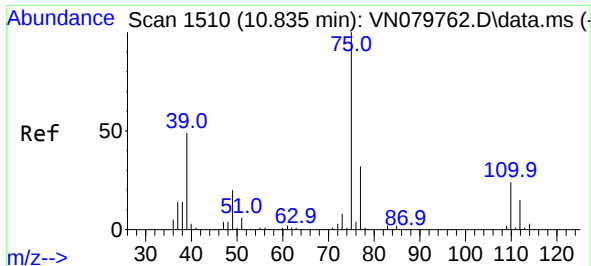
Tgt Ion: 43 Resp: 11867  
Ion Ratio Lower Upper  
43 100  
58 28.9 36.6 54.8#



#52  
Toluene  
Concen: 7.838 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 92 Resp: 49252  
Ion Ratio Lower Upper  
92 100  
91 173.8 137.4 206.0

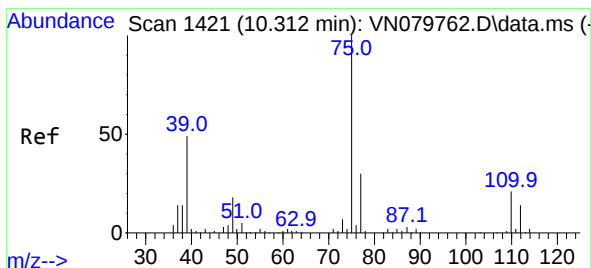
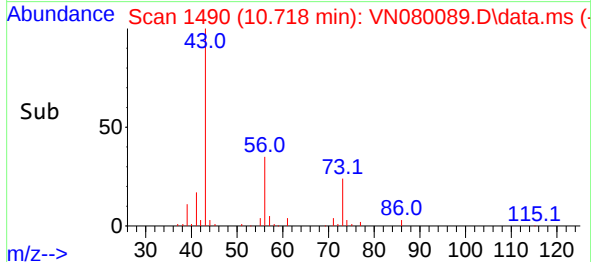
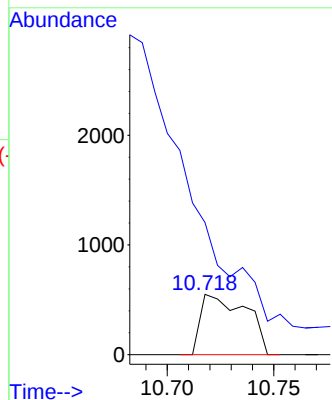
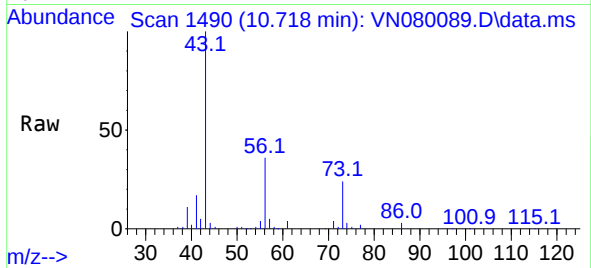




#53  
t-1,3-Dichloropropene  
Concen: 0.210 ug/l  
RT: 10.718 min Scan# 1490  
Delta R.T. -0.123 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

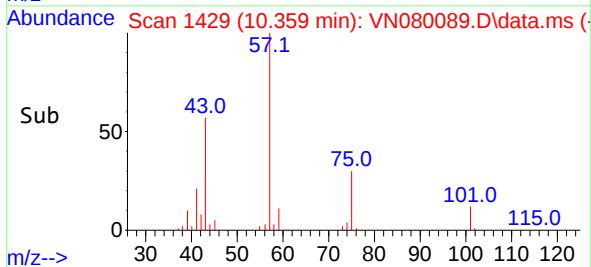
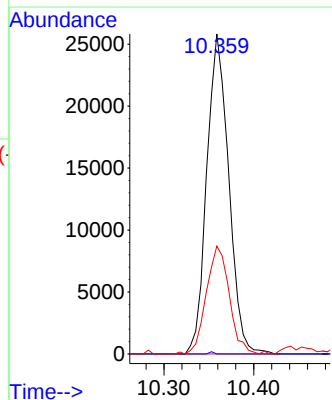
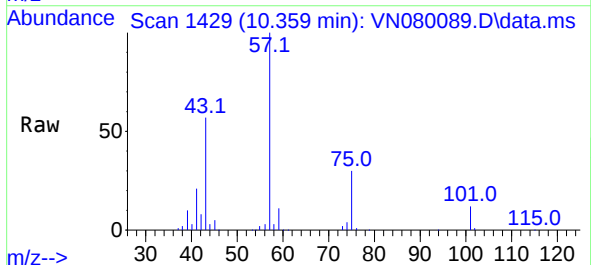
Instrument :  
MSVOA\_N  
ClientSampleId :

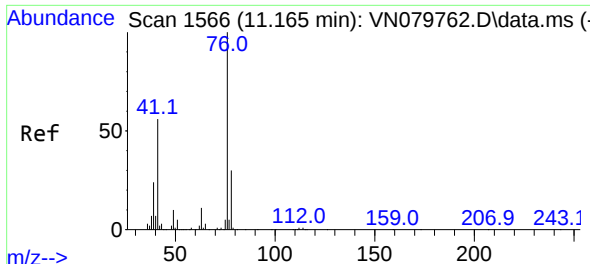
Tgt Ion: 75 Resp: 811  
Ion Ratio Lower Upper  
75 100  
77 152.3 25.4 38.0#



#54  
cis-1,3-Dichloropropene  
Concen: 10.419 ug/l  
RT: 10.359 min Scan# 1429  
Delta R.T. 0.041 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 75 Resp: 43913  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.1 39.1#  
39 33.1 31.6 47.4

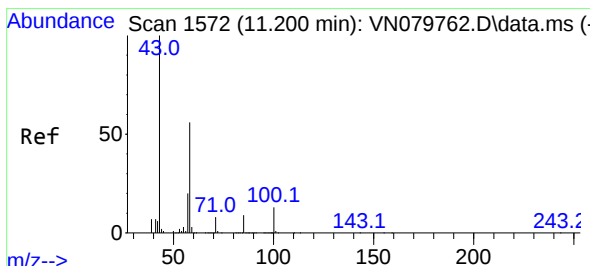
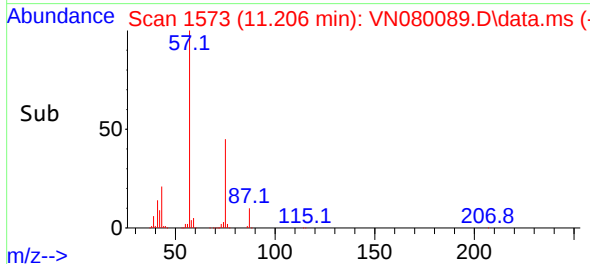
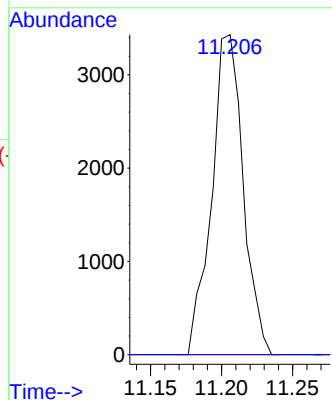
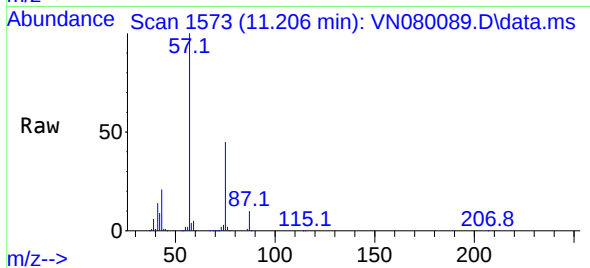




#57  
1,3-Dichloropropane  
Concen: 1.187 ug/l  
RT: 11.206 min Scan# 1573  
Delta R.T. 0.041 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

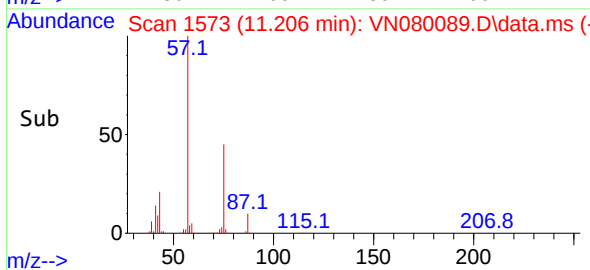
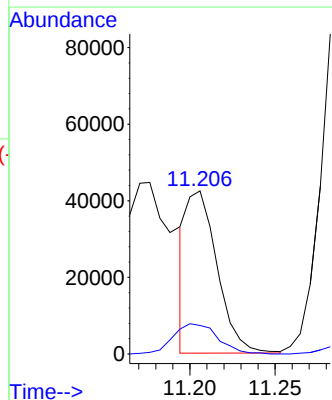
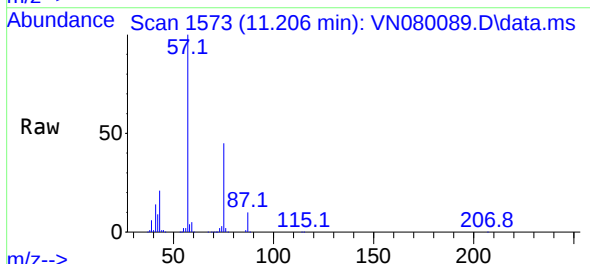
Instrument :  
MSVOA\_N  
ClientSampleId :

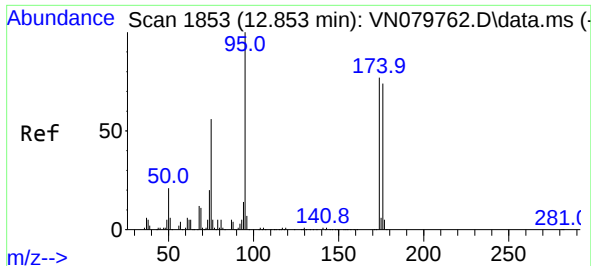
Tgt Ion: 76 Resp: 5290  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.1 39.1#



#59  
2-Hexanone  
Concen: 21.513 ug/l  
RT: 11.206 min Scan# 1573  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 43 Resp: 52734  
Ion Ratio Lower Upper  
43 100  
58 27.2 31.7 95.1#

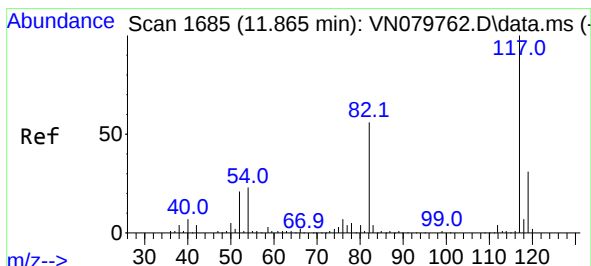
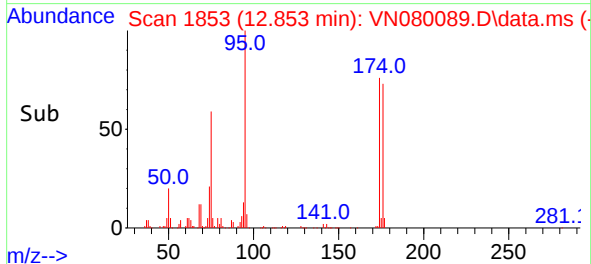
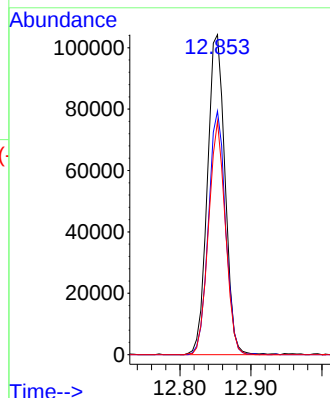
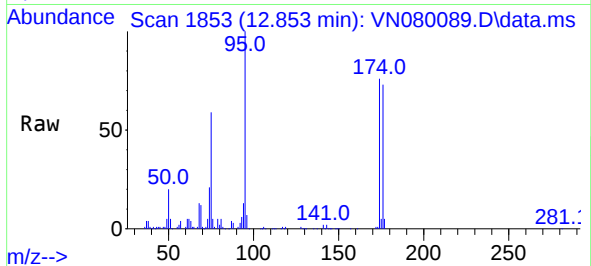




#62  
4-Bromofluorobenzene  
Concen: 59.332 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

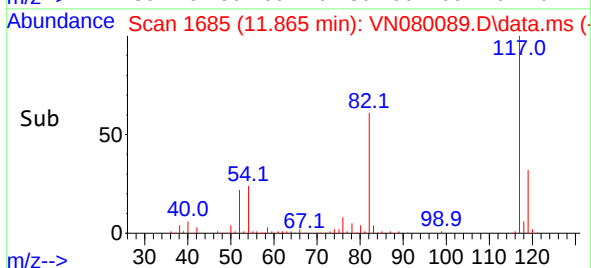
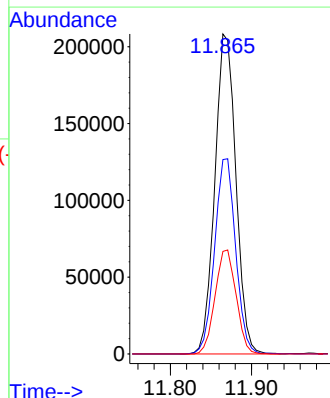
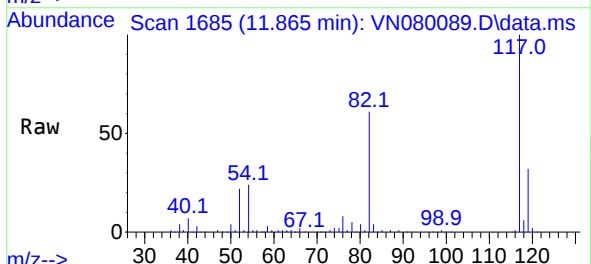
Instrument :  
MSVOA\_N  
ClientSampleId :

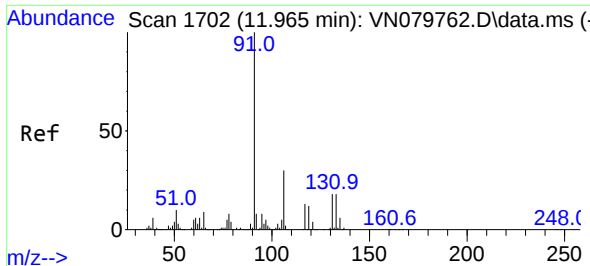
Tgt Ion: 95 Resp: 179535  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 143.8  
176 69.4 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 117 Resp: 376845  
Ion Ratio Lower Upper  
117 100  
82 60.8 44.0 66.0  
119 32.0 25.6 38.4

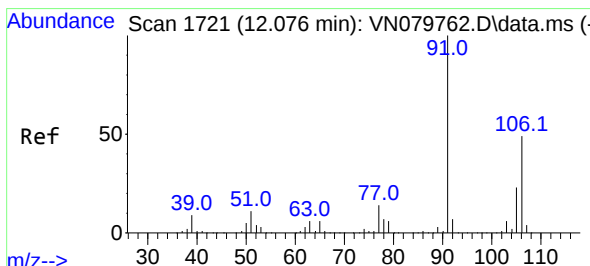
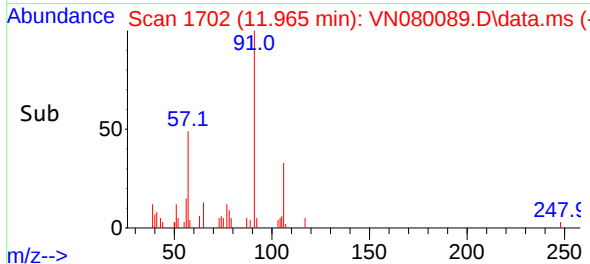
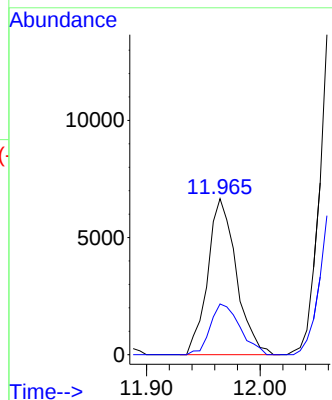
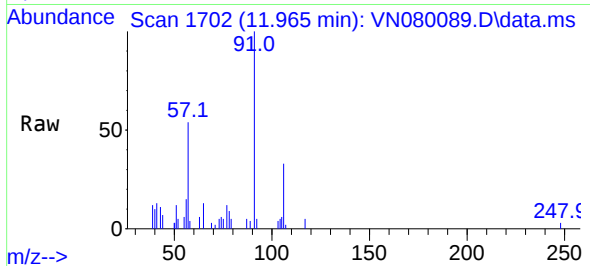




#67  
Ethyl Benzene  
Concen: 0.816 ug/l  
RT: 11.965 min Scan# 11621  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

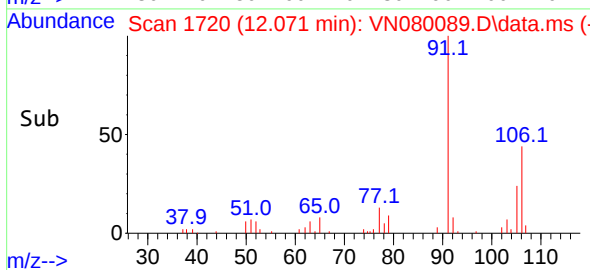
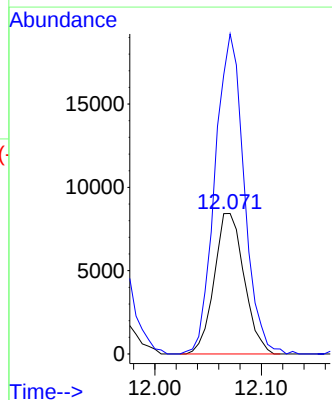
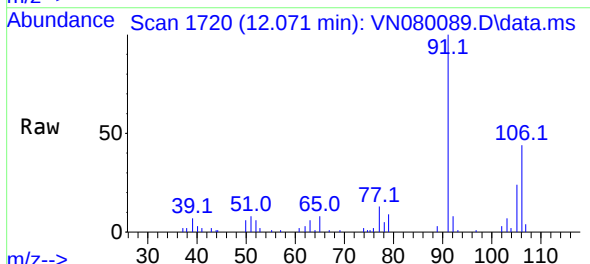
Instrument :  
MSVOA\_N  
ClientSampleId :

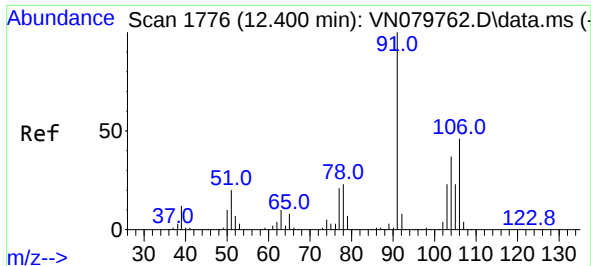
Tgt Ion: 91 Resp: 11621  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.6 38.4



#68  
m/p-Xylenes  
Concen: 3.099 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion:106 Resp: 16443  
Ion Ratio Lower Upper  
106 100  
91 221.9 159.6 239.4

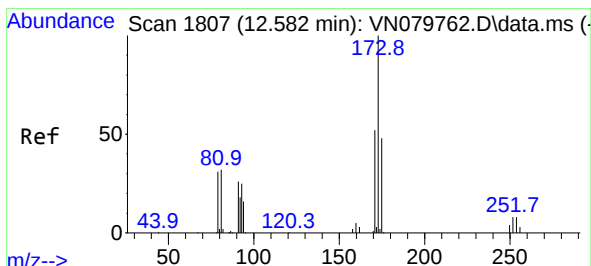
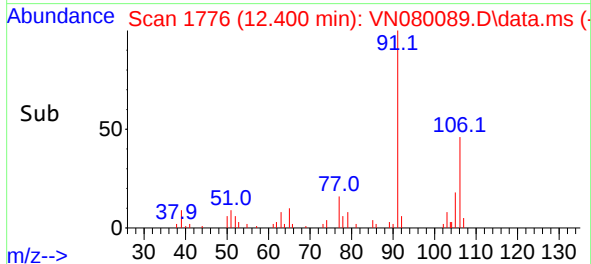
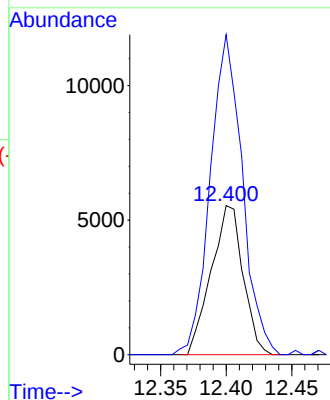
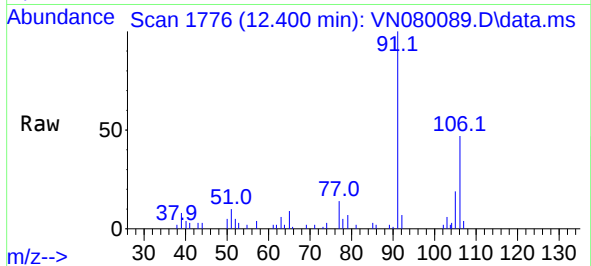




#69  
o-Xylene  
Concen: 1.833 ug/l  
RT: 12.400 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

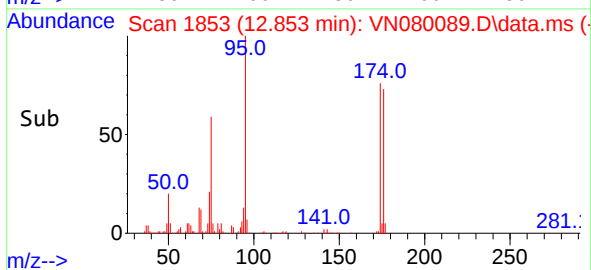
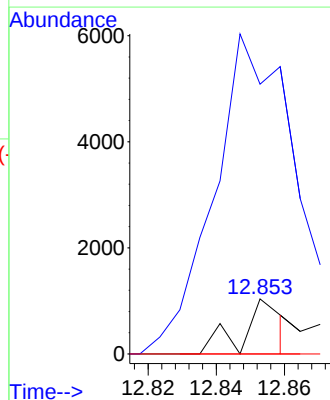
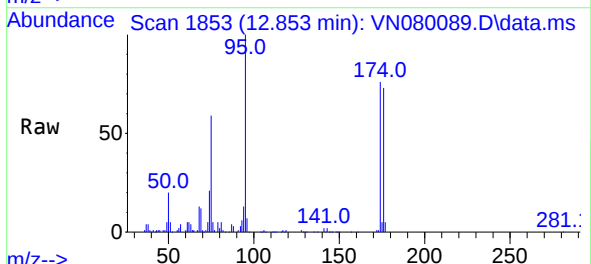
Instrument :  
MSVOA\_N  
ClientSampleId :

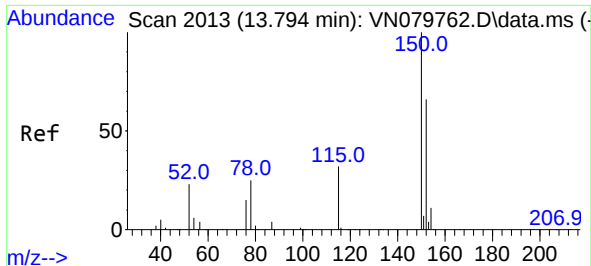
Tgt Ion:106 Resp: 9366  
Ion Ratio Lower Upper  
106 100  
91 215.9 105.2 315.5



#71  
Bromoform  
Concen: 0.395 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.271 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

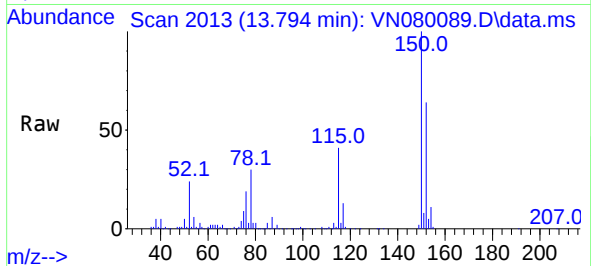
Tgt Ion:173 Resp: 827  
Ion Ratio Lower Upper  
173 100  
175 756.8 24.3 73.0#  
254 0.0 0.0 0.0



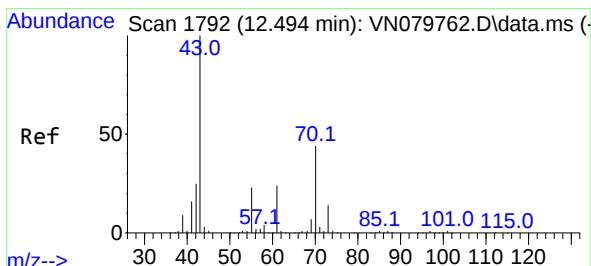
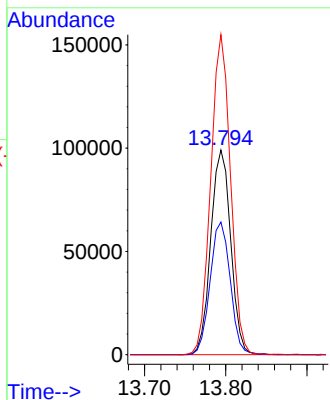
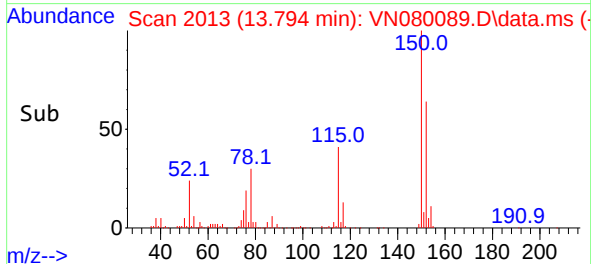


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :

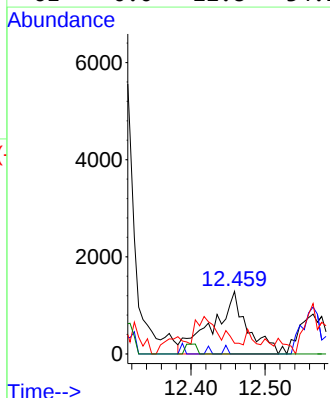
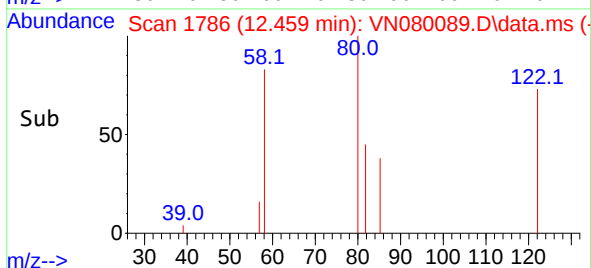
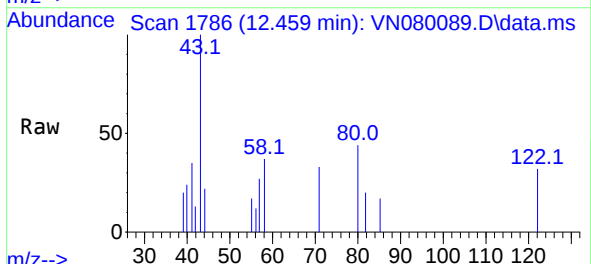


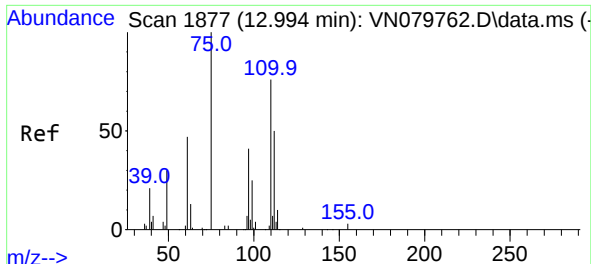
Tgt Ion:152 Resp: 169455  
Ion Ratio Lower Upper  
152 100  
115 65.4 32.3 96.8  
150 154.9 0.0 355.8



#74  
N-ethyl acetate  
Concen: 0.737 ug/l  
RT: 12.459 min Scan# 1786  
Delta R.T. -0.035 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 43 Resp: 4137  
Ion Ratio Lower Upper  
43 100  
70 1.5 43.4 65.2#  
55 0.0 21.4 32.0#  
61 0.0 22.8 34.2#

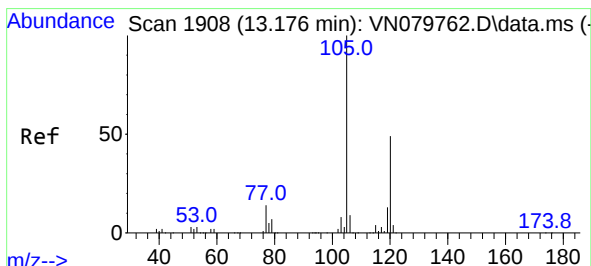
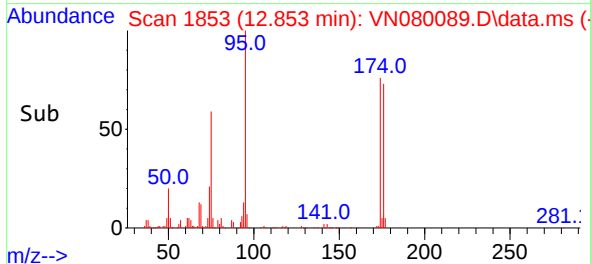
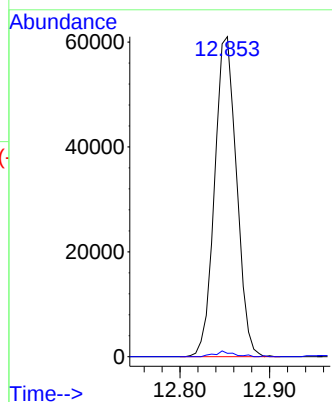
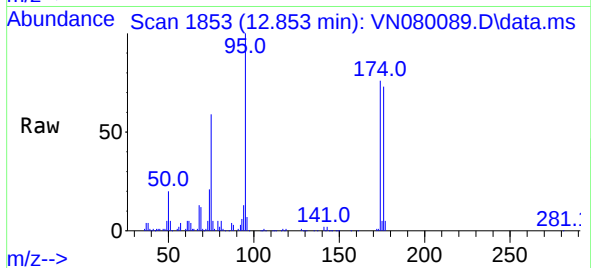




#76  
1,2,3-Trichloropropane  
Concen: 26.045 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. -0.141 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

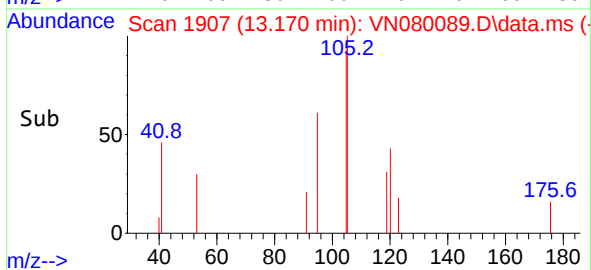
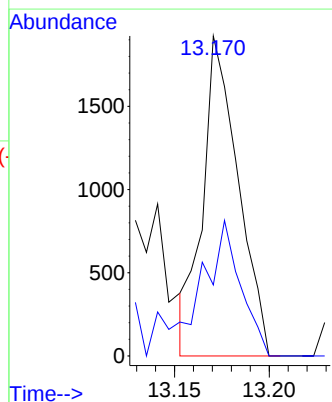
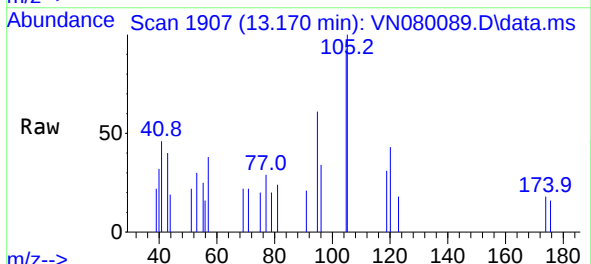
Instrument :  
MSVOA\_N  
ClientSampleId :

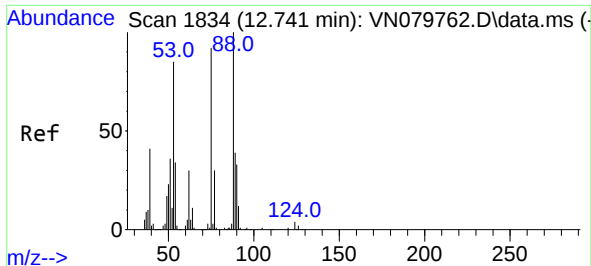
Tgt Ion: 75 Resp: 103615  
Ion Ratio Lower Upper  
75 100  
77 1.5 84.5 253.5#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.250 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

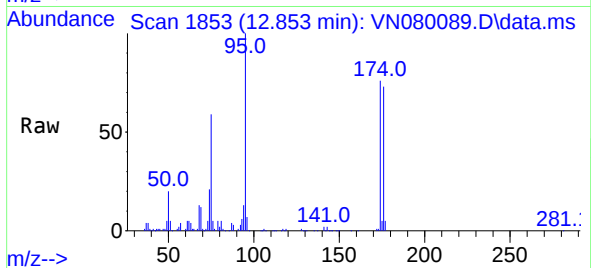
Tgt Ion: 105 Resp: 2502  
Ion Ratio Lower Upper  
105 100  
120 51.0 24.1 72.3



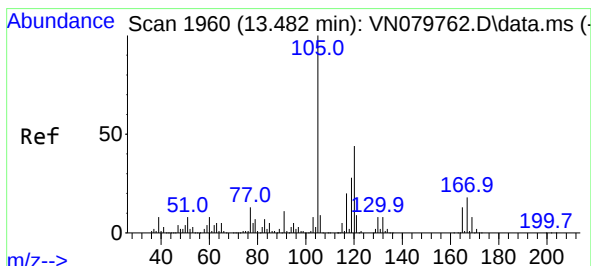
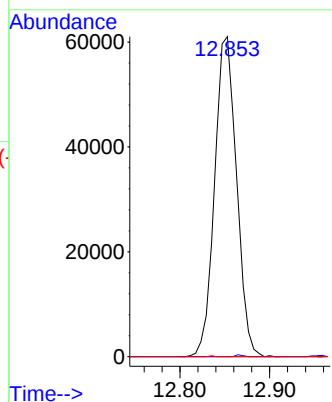
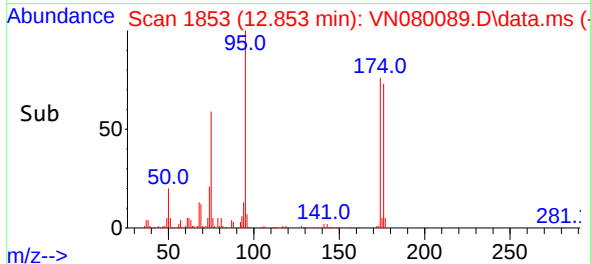


#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.862 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :

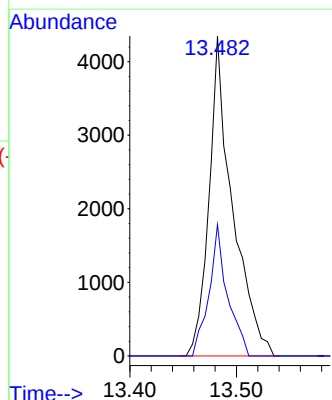
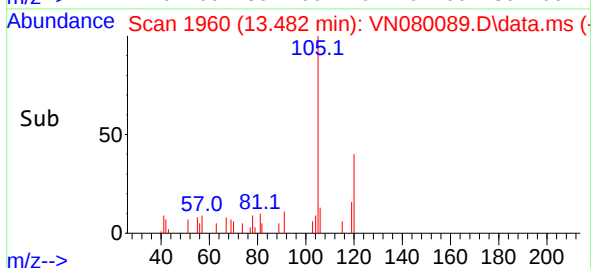
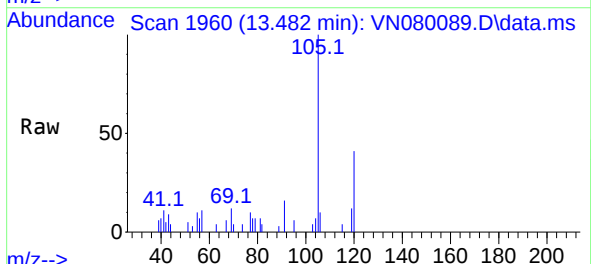


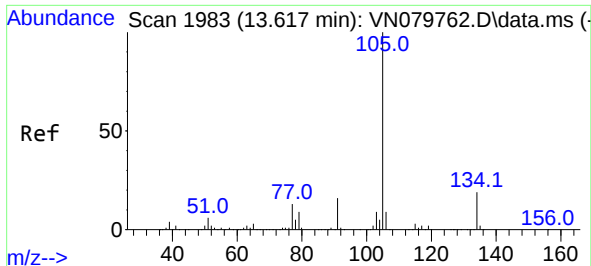
Tgt Ion: 75 Resp: 103615  
Ion Ratio Lower Upper  
75 100  
53 0.2 67.4 101.2#  
89 0.0 38.8 58.2#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.675 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion: 105 Resp: 6648  
Ion Ratio Lower Upper  
105 100  
120 32.5 22.0 66.0

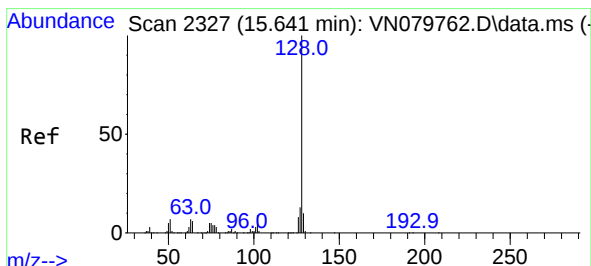
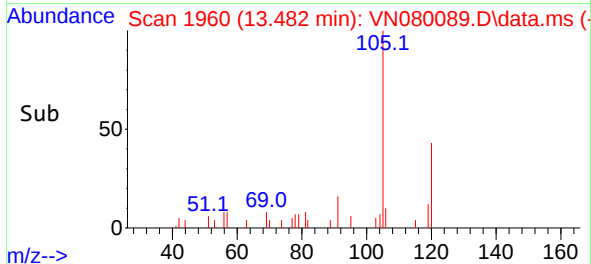
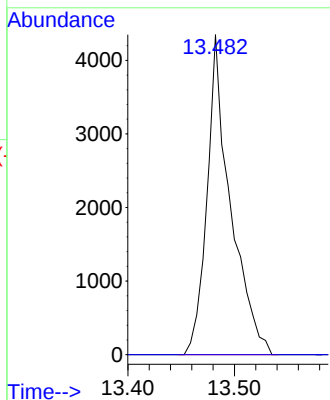
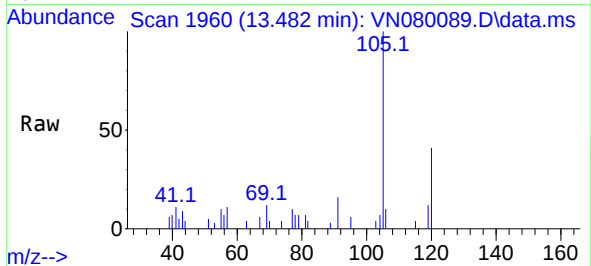




#85  
sec-Butylbenzene  
Concen: 0.586 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.135 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:105 Resp: 6648  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.8 29.3#



#95  
Naphthalene  
Concen: 0.615 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN080089.D  
Acq: 14 Nov 2023 15:15

Tgt Ion:128 Resp: 5484  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.0 15.0  
129 13.8 8.7 13.1#

