

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091224\  
 Data File : VN083825.D  
 Acq On : 12 Sep 2024 12:08  
 Operator : JC\MD  
 Sample : P3913-08  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 9424-D-F-82924-D

Quant Time: Sep 12 16:45:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 8.224  | 168   | 122898   | 50.000    | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene       | 9.100  | 114   | 261052   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.865 | 117   | 294598   | 50.000    | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 161453   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.577  | 65    | 102067   | 55.078    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 110.160%  |
| 35) Dibromofluoromethane      | 8.165  | 113   | 79624    | 47.644    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 95.280%   |
| 50) Toluene-d8                | 10.565 | 98    | 298791   | 51.716    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 103.440%  |
| 62) 4-Bromofluorobenzene      | 12.847 | 95    | 157944   | 66.261    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery  | =      | 132.520%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 2.353  | 50    | 1197     | Below Cal | #      | 41        |
| 5) Bromomethane               | 2.906  | 94    | 248      | 0.276     | ug/l # | 70        |
| 11) Tert butyl alcohol        | 5.524  | 59    | 5868     | 23.647    | ug/l # | 82        |
| 13) Acrolein                  | 4.177  | 56    | 416      | 1.699     | ug/l # | 61        |
| 14) Allyl chloride            | 4.959  | 41    | 906      | 0.383     | ug/l # | 26        |
| 16) Acetone                   | 4.424  | 43    | 266487   | 358.724   | ug/l   | 97        |
| 17) Carbon Disulfide          | 4.706  | 76    | 2181     | 0.587     | ug/l # | 75        |
| 18) Methyl Acetate            | 5.024  | 43    | 6228     | 2.252     | ug/l   | 92        |
| 23) Vinyl Acetate             | 6.736  | 43    | 6825     | 1.911     | ug/l # | 71        |
| 25) 2-Butanone                | 7.488  | 43    | 165663   | 169.669   | ug/l   | 99        |
| 28) Bromochloromethane        | 7.800  | 49    | 322      | 0.272     | ug/l # | 14        |
| 29) Tetrahydrofuran           | 7.865  | 42    | 178      | 0.308     | ug/l # | 32        |
| 31) Cyclohexane               | 8.224  | 56    | 6282     | 2.346     | ug/l # | 52        |
| 36) 1,1-Dichloropropene       | 8.218  | 75    | 11808    | 4.694     | ug/l # | 49        |
| 37) Ethyl Acetate             | 7.488  | 43    | 165663   | 72.555    | ug/l # | 68        |
| 38) Carbon Tetrachloride      | 8.218  | 117   | 14265    | 4.999     | ug/l # | 16        |
| 39) Methylcyclohexane         | 9.600  | 83    | 4112     | 1.436     | ug/l   | 93        |
| 40) Benzene                   | 8.606  | 78    | 9739     | 1.286     | ug/l   | 97        |
| 41) Methacrylonitrile         | 7.788  | 41    | 24812    | 18.373    | ug/l # | 46        |
| 43) Isopropyl Acetate         | 8.647  | 43    | 103145   | 24.929    | ug/l # | 58        |
| 48) Methyl methacrylate       | 9.653  | 41    | 43318    | 22.067    | ug/l # | 46        |
| 49) 1,4-Dioxane               | 9.706  | 88    | 1042     | 32.267    | ug/l # | 14        |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43    | 1766     | 0.784     | ug/l # | 62        |
| 52) Toluene                   | 10.629 | 92    | 17605    | 3.802     | ug/l   | 97        |
| 59) 2-Hexanone                | 11.123 | 43    | 41091    | 24.663    | ug/l # | 24        |
| 67) Ethyl Benzene             | 11.965 | 91    | 14238    | 1.224     | ug/l   | 93        |
| 68) m/p-Xylenes               | 12.065 | 106   | 22375    | 5.181     | ug/l   | 100       |
| 69) o-Xylene                  | 12.394 | 106   | 8020     | 1.918     | ug/l   | 99        |
| 70) Styrene                   | 12.412 | 104   | 10641    | 1.551     | ug/l   | 89        |
| 74) N-amyl acetate            | 12.459 | 43    | 15907    | 2.985     | ug/l # | 43        |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75    | 87830    | 26.960    | ug/l # | 1         |
| 78) n-propylbenzene           | 13.035 | 91    | 12736    | 0.876     | ug/l # | 65        |
| 79) 2-Chlorotoluene           | 13.088 | 91    | 2737     | 0.295     | ug/l # | 48        |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105   | 5654     | 0.537     | ug/l   | 93        |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75    | 87830    | 70.610    | ug/l # | 9         |
| 84) 1,2,4-Trimethylbenzene    | 13.341 | 105   | 4116     | 0.389     | ug/l   | 74        |

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Sample : P3913-08  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

Quant Time: Sep 12 16:45:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

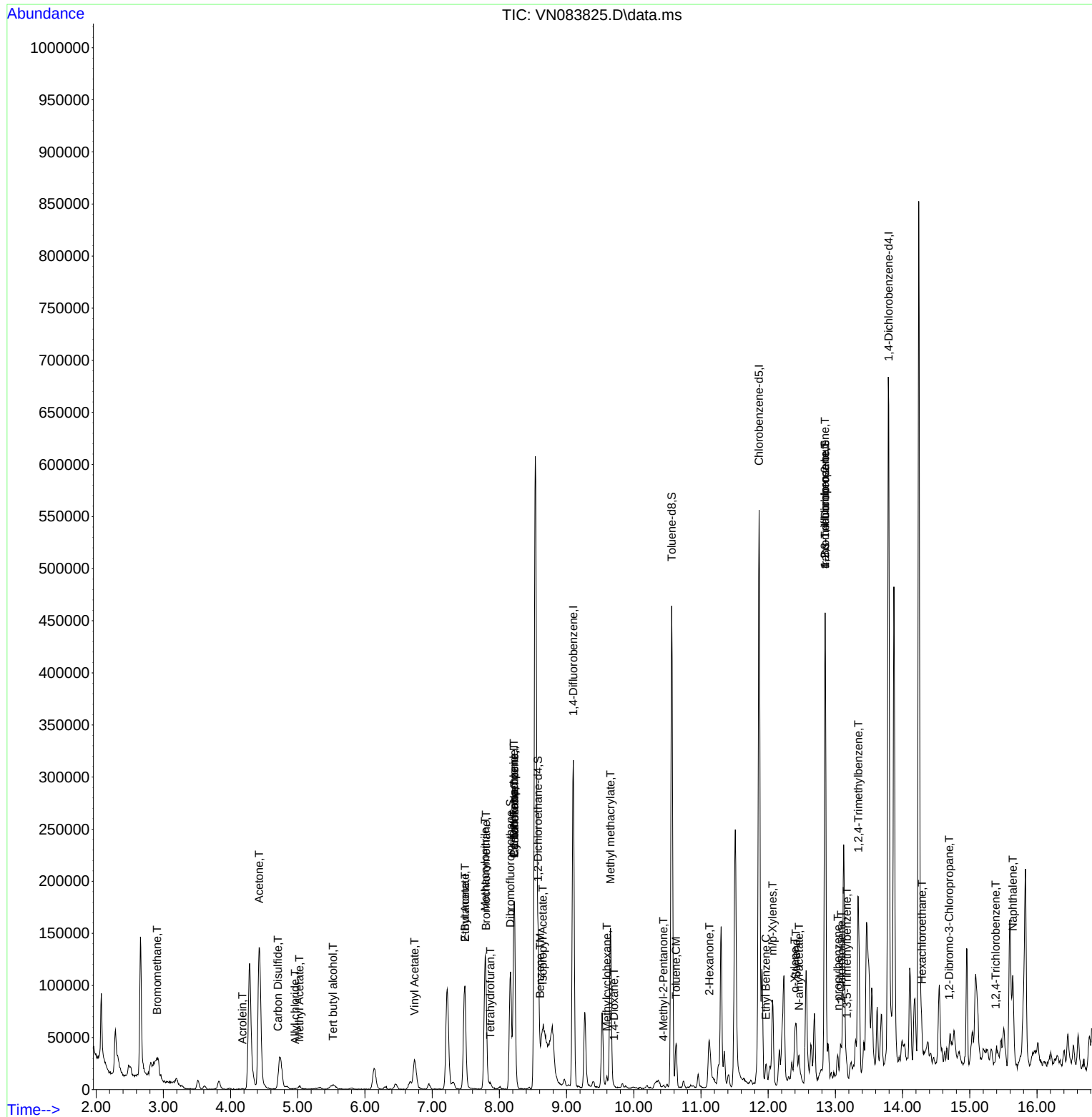
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 90) Hexachloroethane          | 14.288 | 117  | 855      | 0.415 | ug/l # | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 653      | 0.893 | ug/l # | 7        |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 622      | 0.212 | ug/l # | 62       |
| 95) Naphthalene               | 15.641 | 128  | 62362    | 6.975 | ug/l # | 93       |

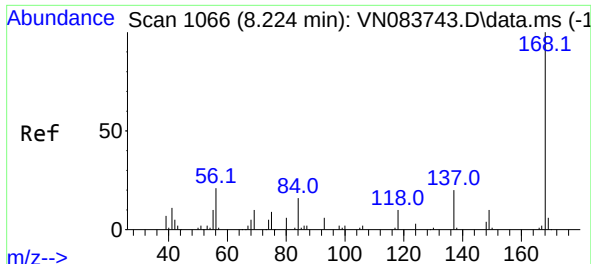
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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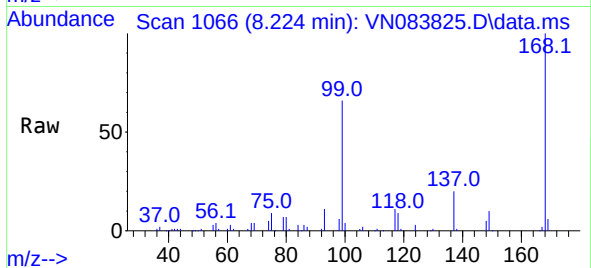
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Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration



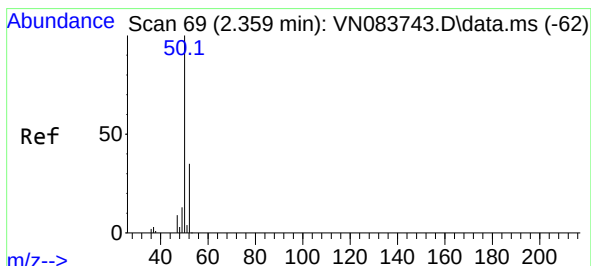
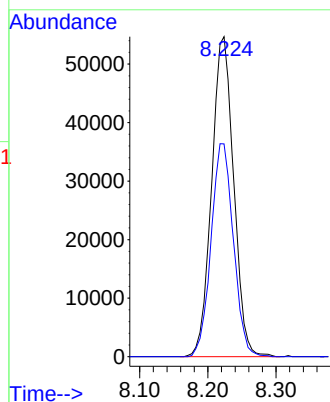
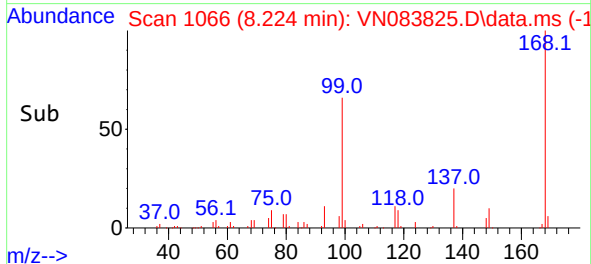


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

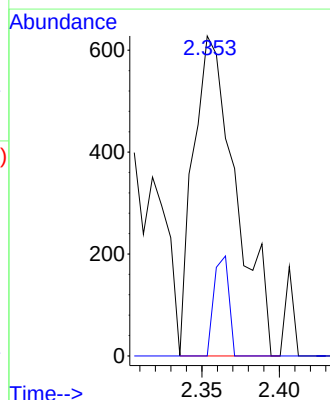
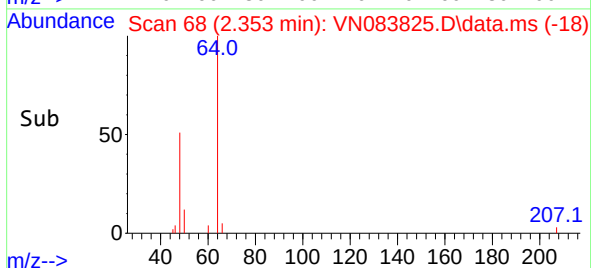
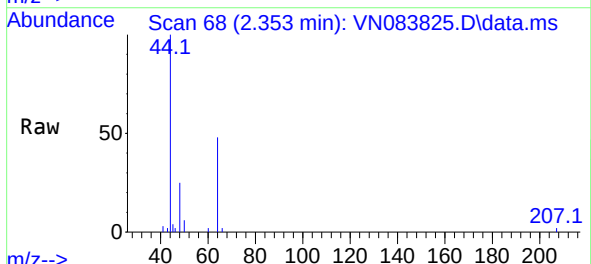


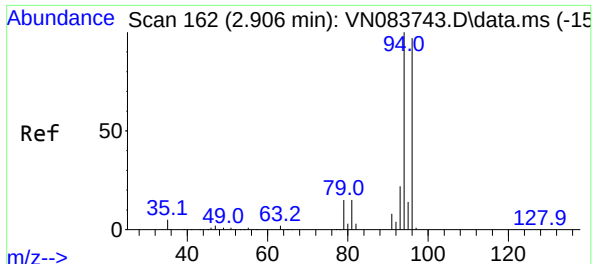
Tgt Ion:168 Resp: 122898  
Ion Ratio Lower Upper  
168 100  
99 66.5 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.353 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 50 Resp: 1197  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

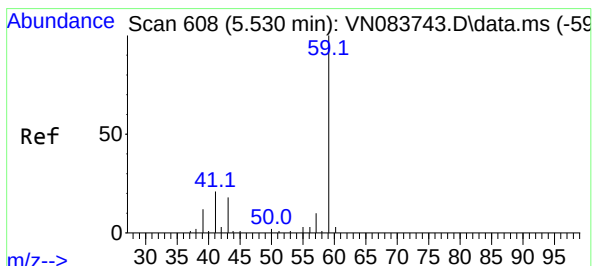
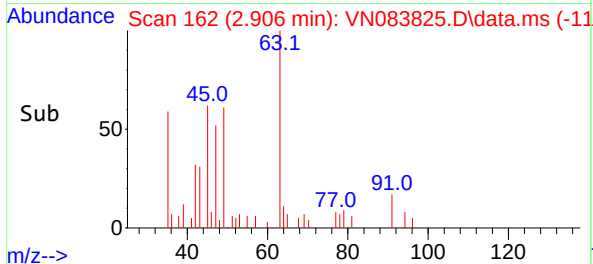
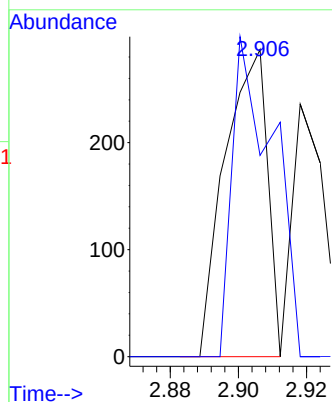
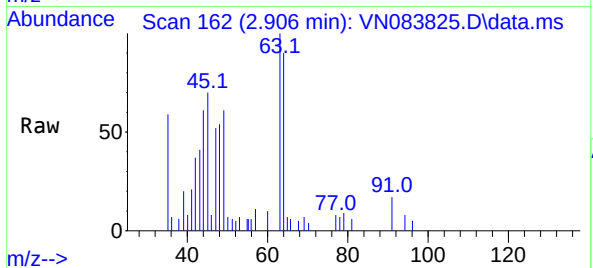




#5  
Bromomethane  
Concen: 0.276 ug/l  
RT: 2.906 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

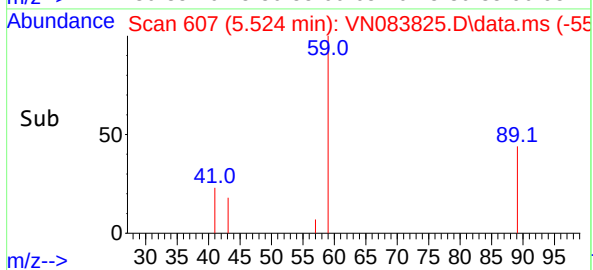
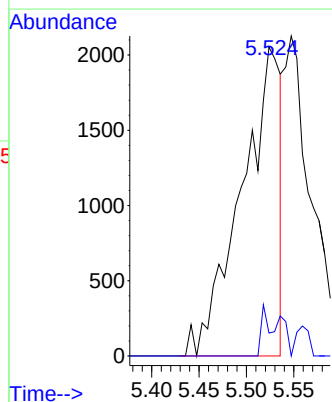
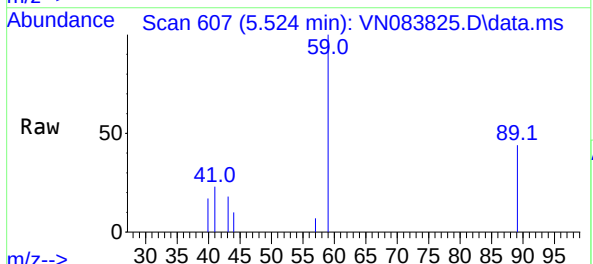
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

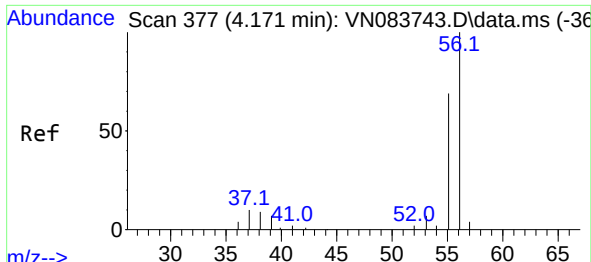
Tgt Ion: 94 Resp: 248  
Ion Ratio Lower Upper  
94 100  
96 65.5 76.0 114.0#



#11  
Tert butyl alcohol  
Concen: 23.647 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 59 Resp: 5868  
Ion Ratio Lower Upper  
59 100  
57 3.9 8.7 13.1#





#13

Acrolein

Concen: 1.699 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083825.D

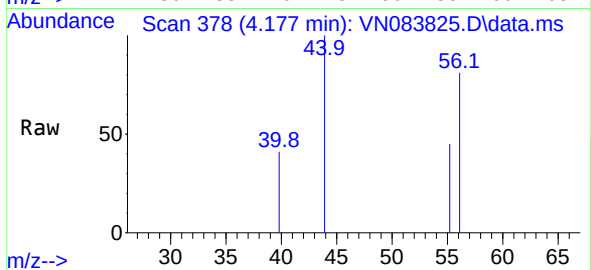
Acq: 12 Sep 2024 12:08

Instrument :

MSVOA\_N

ClientSampleId :

9424-D-F-82924-D

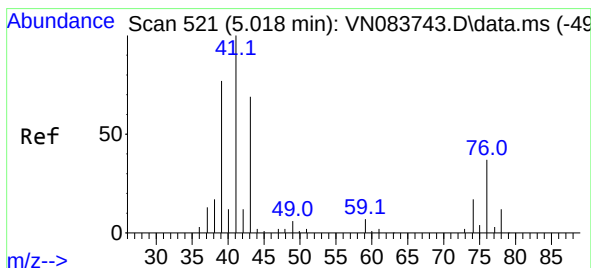
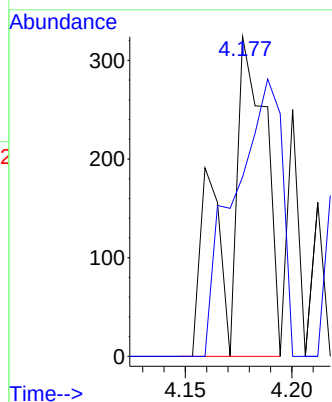


Tgt Ion: 56 Resp: 416

Ion Ratio Lower Upper

56 100

55 105.0 58.2 87.2#



#14

Allyl chloride

Concen: 0.383 ug/l

RT: 4.959 min Scan# 511

Delta R.T. -0.059 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

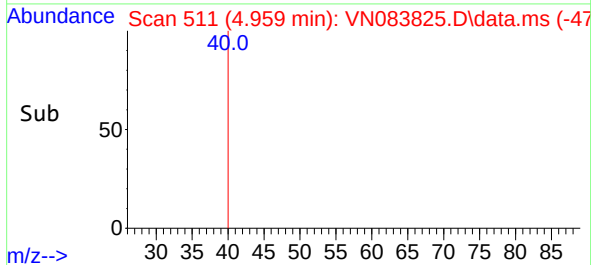
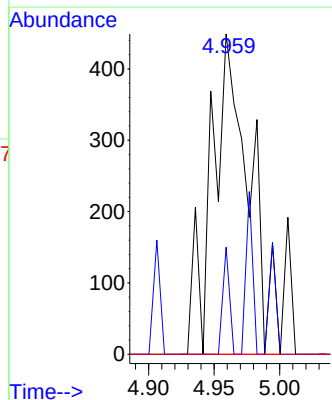
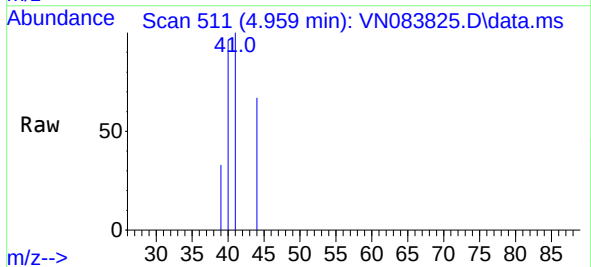
Tgt Ion: 41 Resp: 906

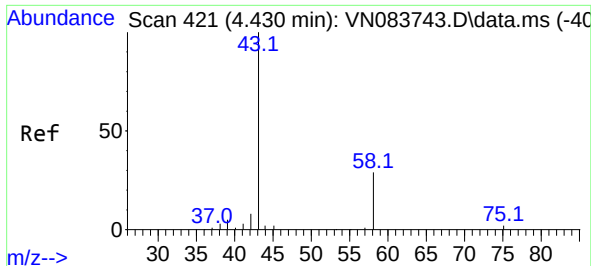
Ion Ratio Lower Upper

41 100

39 5.8 59.3 88.9#

76 0.0 27.7 41.5#

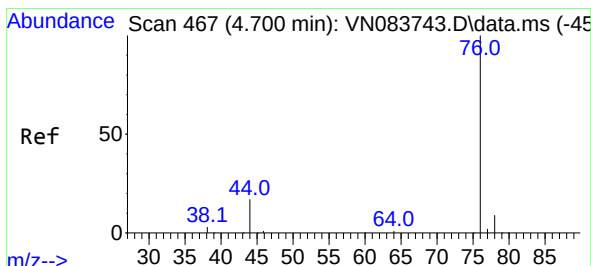
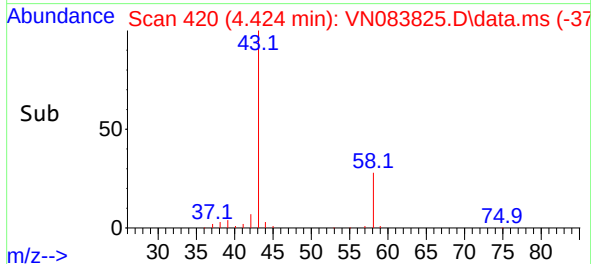
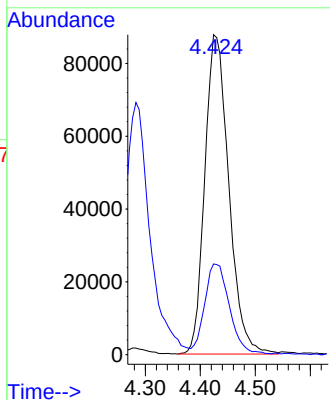
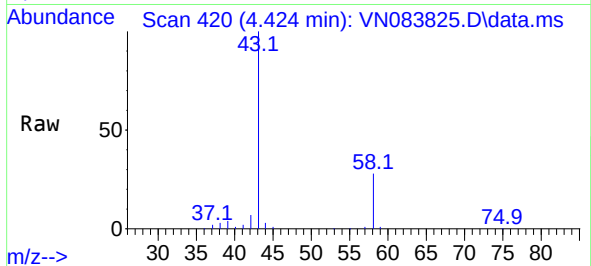




#16  
Acetone  
Concen: 358.724 ug/l  
RT: 4.424 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

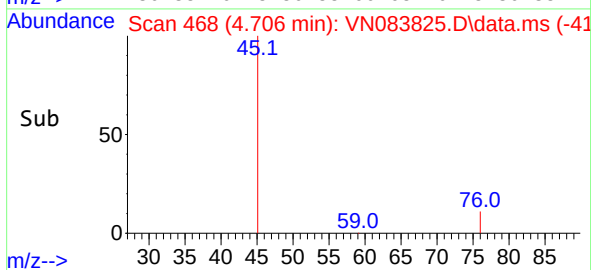
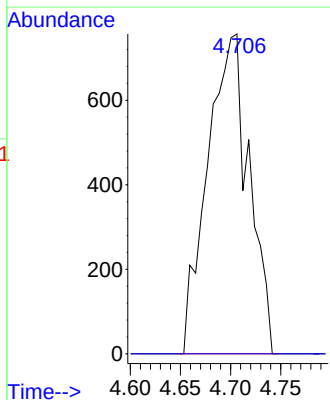
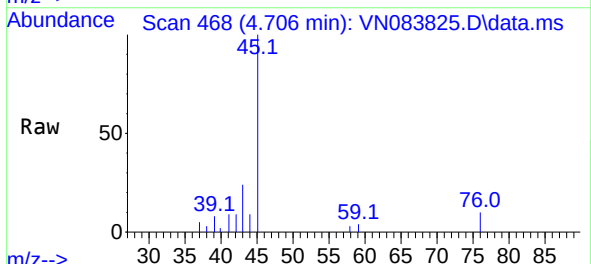
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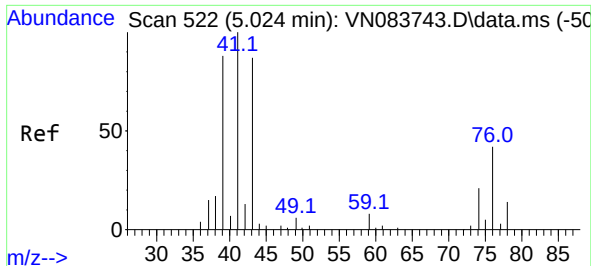
Tgt Ion: 43 Resp: 266487  
Ion Ratio Lower Upper  
43 100  
58 28.1 23.7 35.5



#17  
Carbon Disulfide  
Concen: 0.587 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 76 Resp: 2181  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#

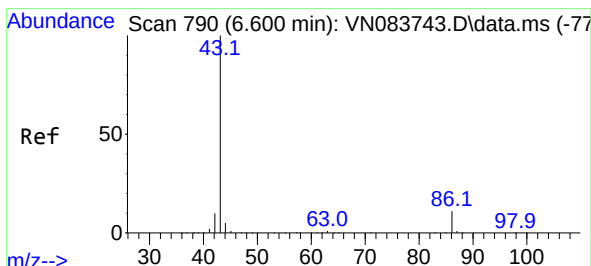
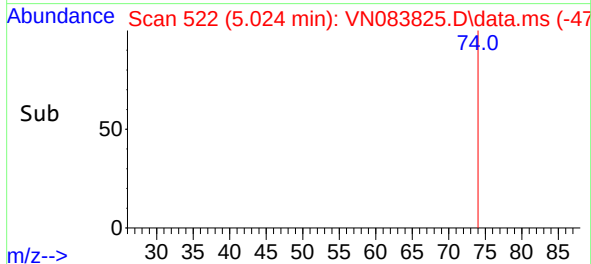
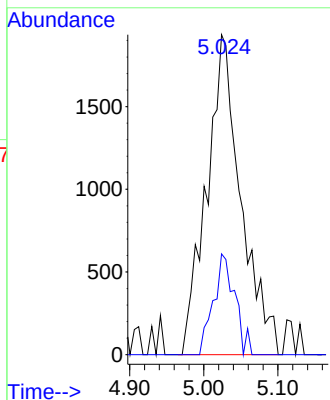
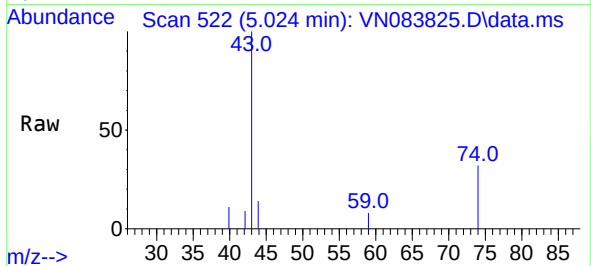




#18  
Methyl Acetate  
Concen: 2.252 ug/l  
RT: 5.024 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

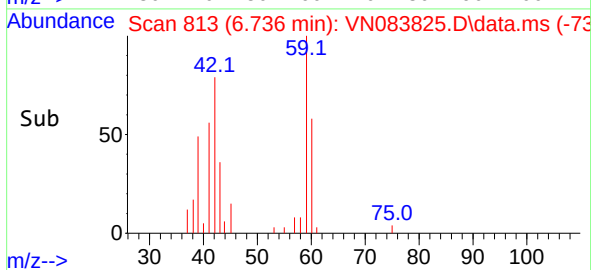
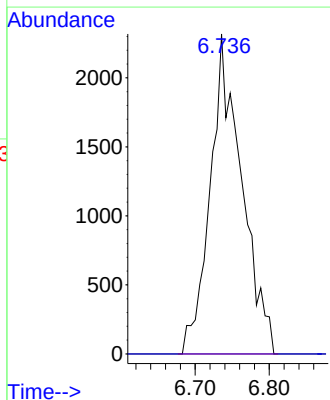
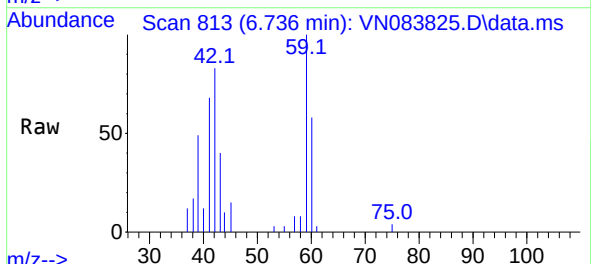
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

Tgt Ion: 43 Resp: 6228  
Ion Ratio Lower Upper  
43 100  
74 19.6 19.0 28.4

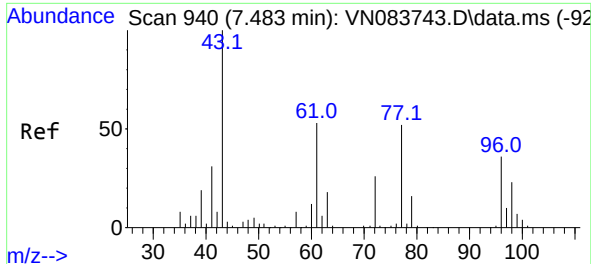


#23  
Vinyl Acetate  
Concen: 1.911 ug/l  
RT: 6.736 min Scan# 813  
Delta R.T. 0.135 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 6825  
Ion Ratio Lower Upper  
43 100  
86 0.0 8.7 13.1#







#25

2-Butanone

Concen: 169.669 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA\_N

ClientSampleId :

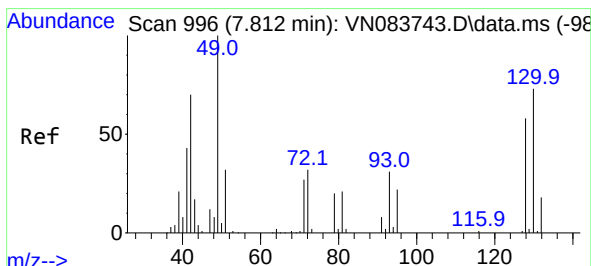
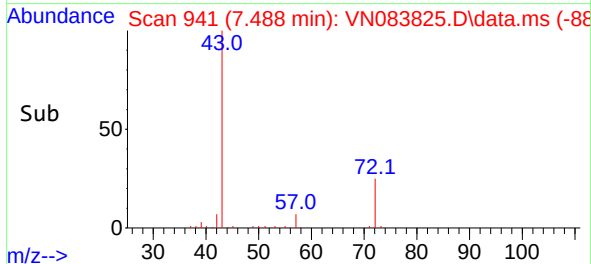
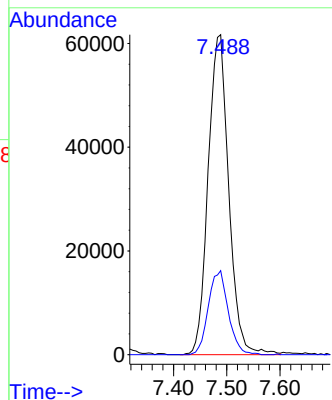
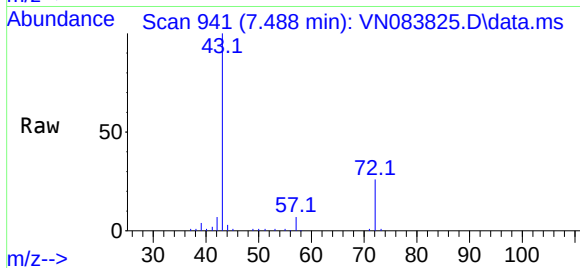
9424-D-F-82924-D

Tgt Ion: 43 Resp: 165663

Ion Ratio Lower Upper

43 100

72 26.3 20.8 31.2



#28

Bromochloromethane

Concen: 0.272 ug/l

RT: 7.800 min Scan# 994

Delta R.T. -0.012 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

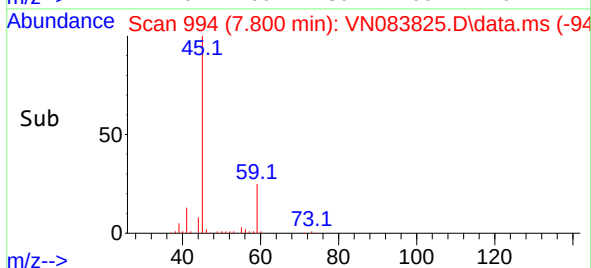
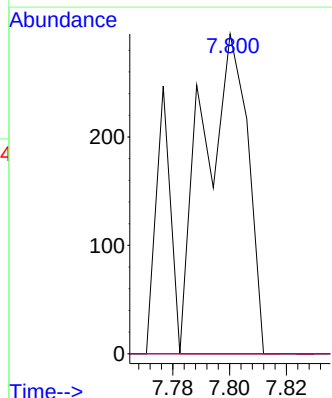
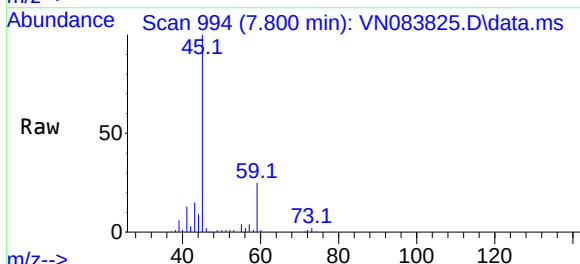
Tgt Ion: 49 Resp: 322

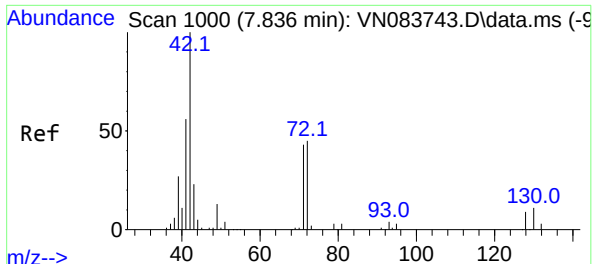
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 0.0 60.2 90.2#

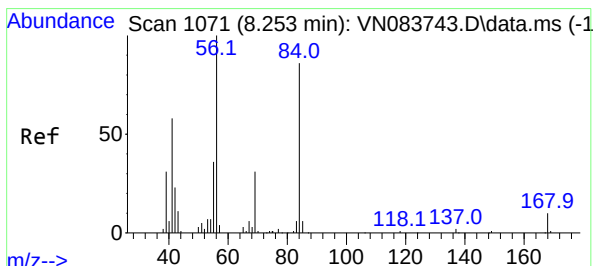
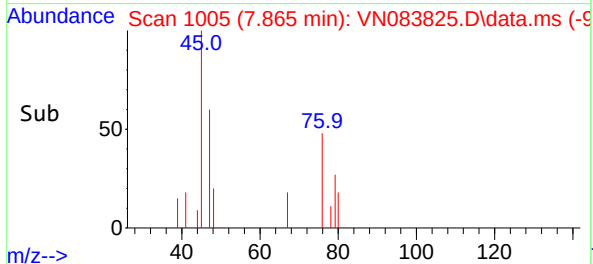
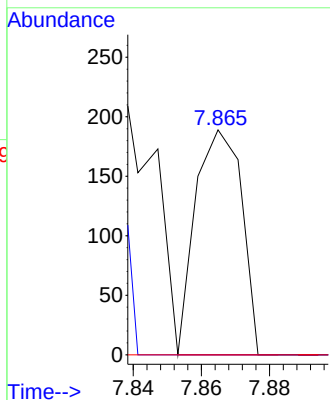
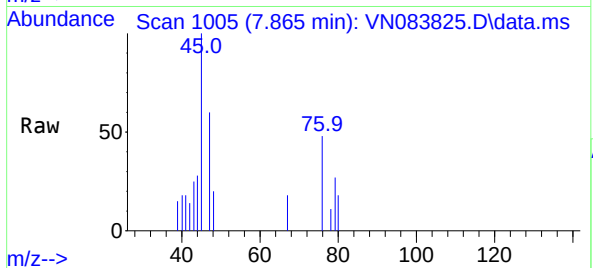




#29  
Tetrahydrofuran  
Concen: 0.308 ug/l  
RT: 7.865 min Scan# 1005  
Delta R.T. 0.029 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

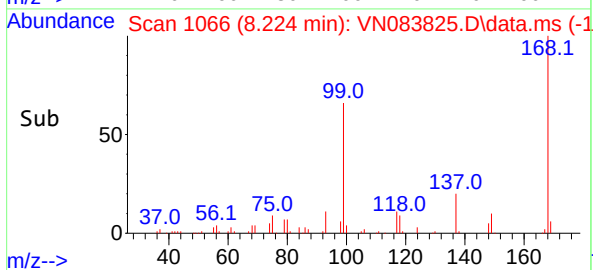
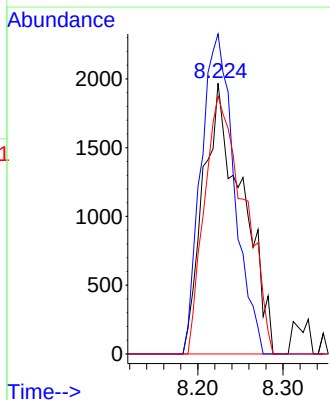
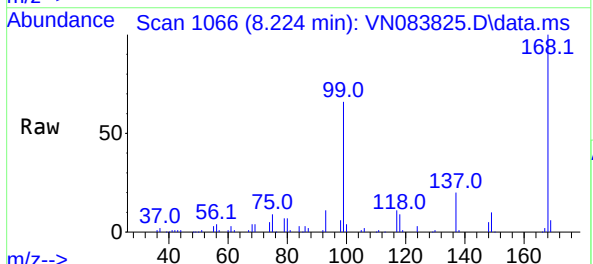
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

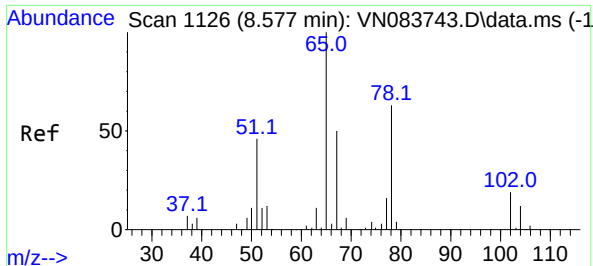
|             |                |
|-------------|----------------|
| Tgt Ion: 42 | Resp: 178      |
| Ion Ratio   | Lower Upper    |
| 42          | 100            |
| 72          | 0.0 35.9 53.9# |
| 71          | 0.0 33.9 50.9# |



#31  
Cyclohexane  
Concen: 2.346 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.029 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

|             |                  |
|-------------|------------------|
| Tgt Ion: 56 | Resp: 6282       |
| Ion Ratio   | Lower Upper      |
| 56          | 100              |
| 69          | 118.2 26.9 40.3# |
| 84          | 95.2 69.2 103.8  |

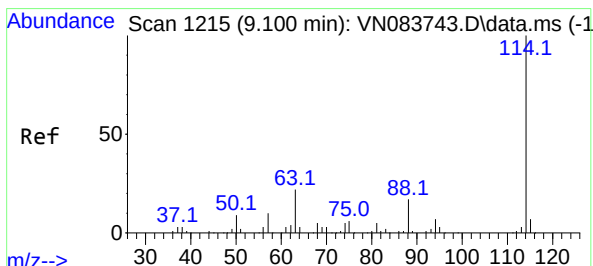
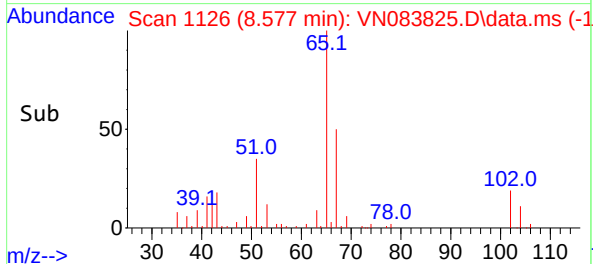
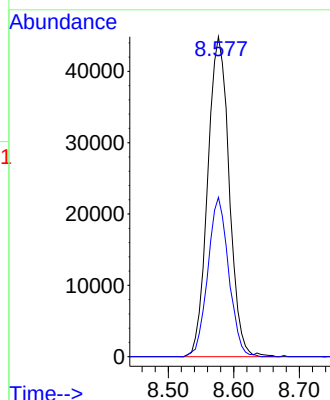
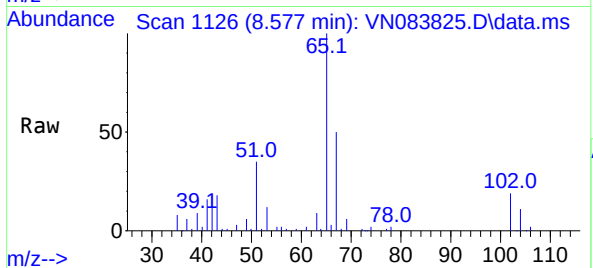




#33  
1,2-Dichloroethane-d4  
Concen: 55.078 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

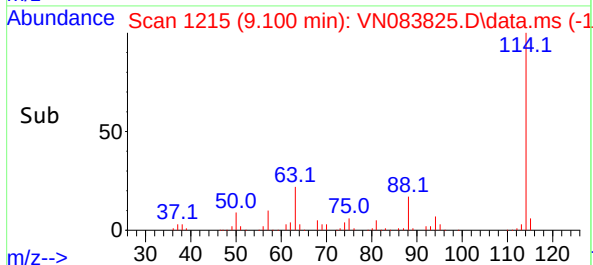
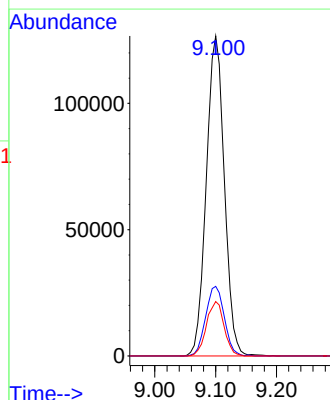
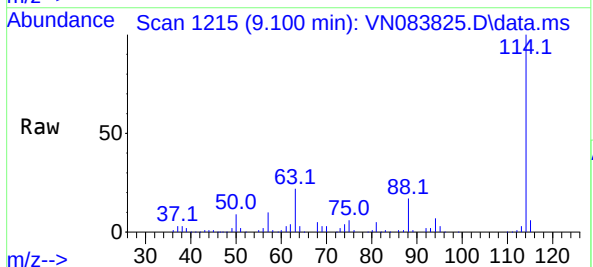
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

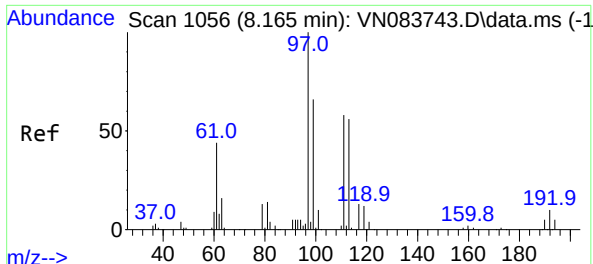
Tgt Ion: 65 Resp: 102067  
Ion Ratio Lower Upper  
65 100  
67 48.4 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 114 Resp: 261052  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 43.4  
88 17.0 0.0 32.6

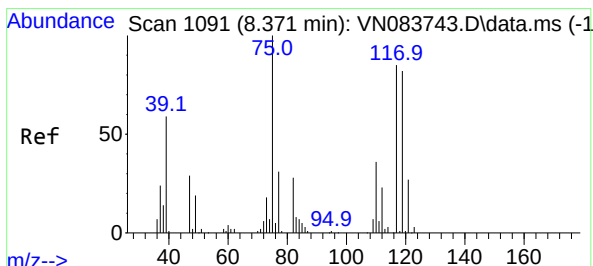
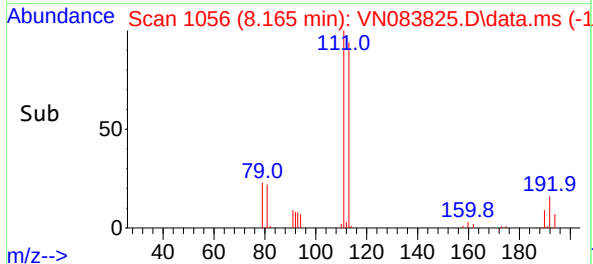
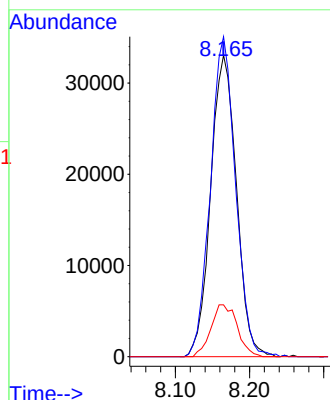
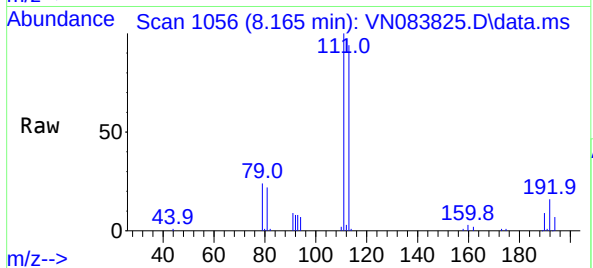




#35  
Dibromofluoromethane  
Concen: 47.644 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

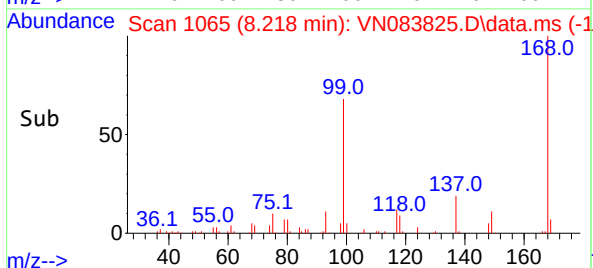
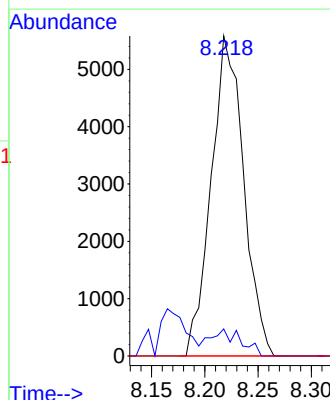
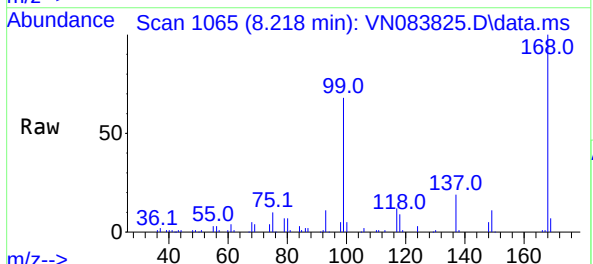
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

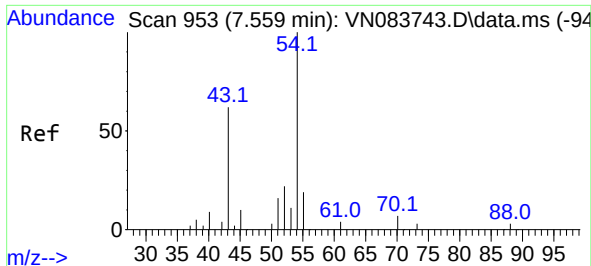
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 79624 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.8 | 82.6  | 124.0 |
| 192      | 17.7  | 14.3  | 21.5  |



#36  
1,1-Dichloropropene  
Concen: 4.694 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.153 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11808 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.1   | 16.7  | 50.1# |
| 77       | 0.0   | 25.2  | 37.8# |

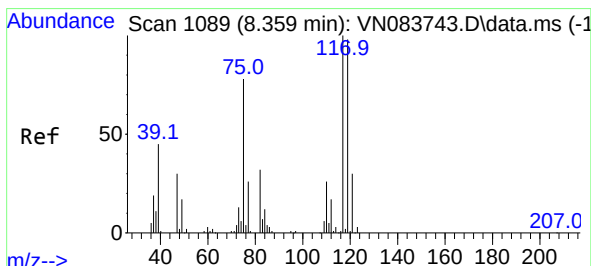
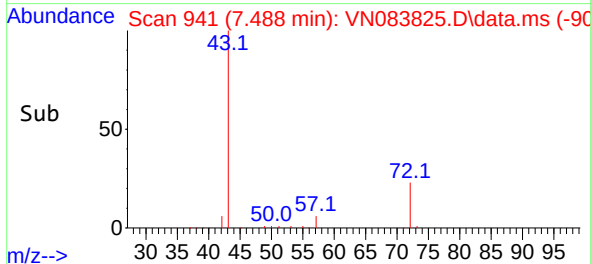
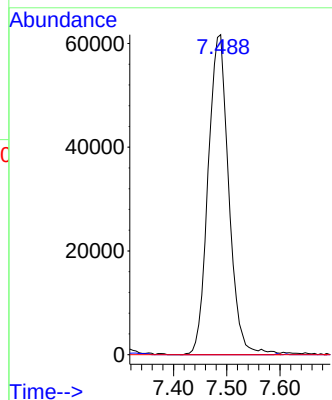
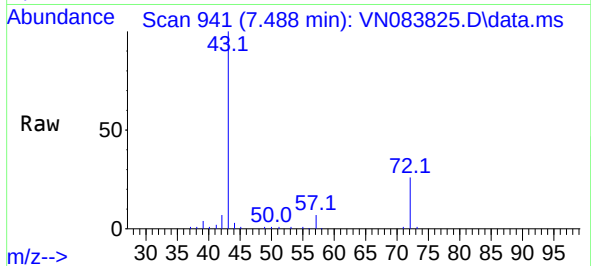




#37  
Ethyl Acetate  
Concen: 72.555 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.071 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

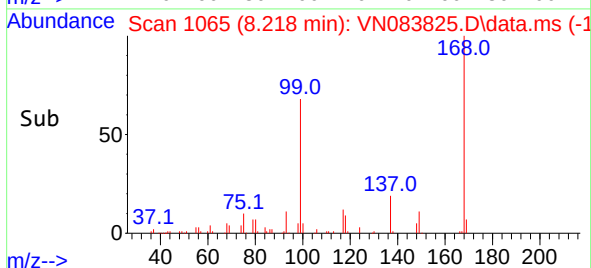
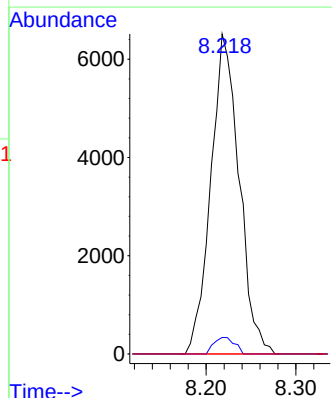
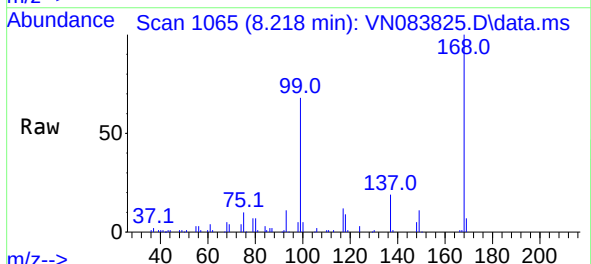
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

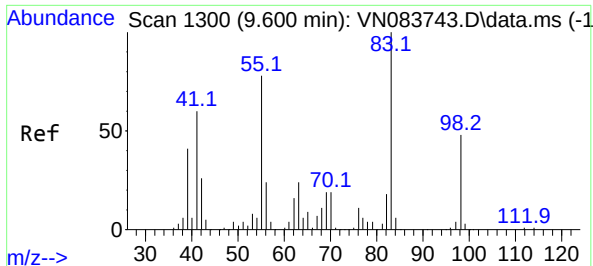
Tgt Ion: 43 Resp: 165663  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.8 13.2#



#38  
Carbon Tetrachloride  
Concen: 4.999 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.141 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 117 Resp: 14265  
Ion Ratio Lower Upper  
117 100  
119 5.2 76.1 114.1#  
121 0.0 24.1 36.1#

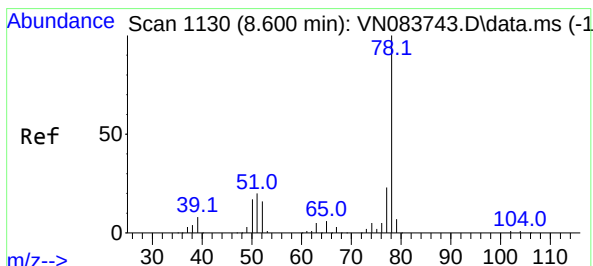
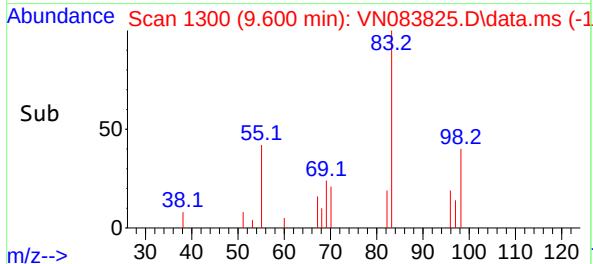
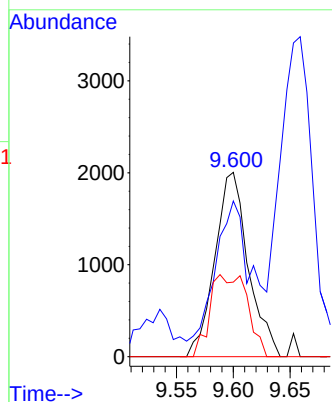
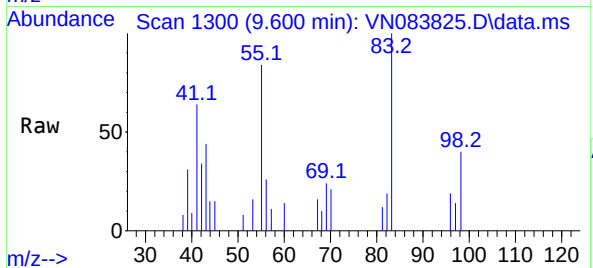




#39  
Methylcyclohexane  
Concen: 1.436 ug/l  
RT: 9.600 min Scan# 11131  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

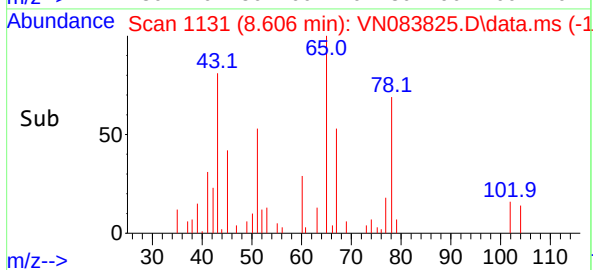
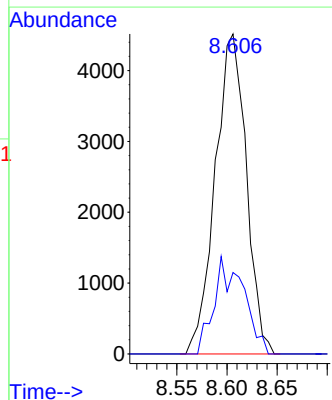
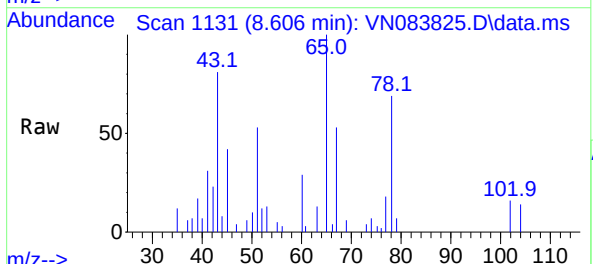
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

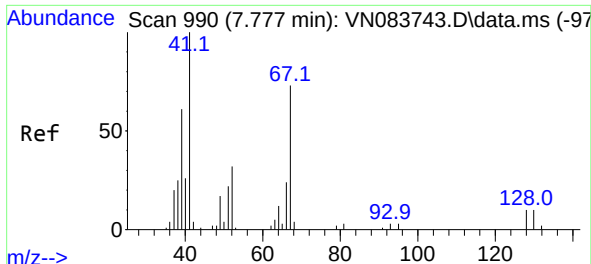
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 4112        |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 55          | 73.7  | 62.2 93.4   |
| 98          | 40.5  | 37.6 56.4   |



#40  
Benzene  
Concen: 1.286 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 78 | Resp: | 9739        |
| Ion         | Ratio | Lower Upper |
| 78          | 100   |             |
| 77          | 25.4  | 19.0 28.6   |

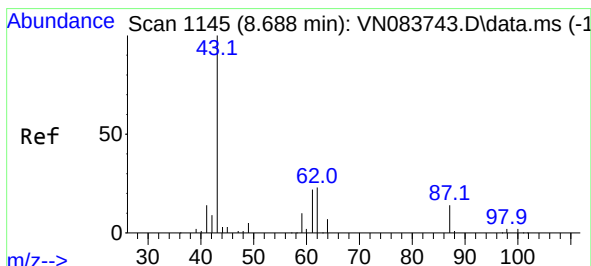
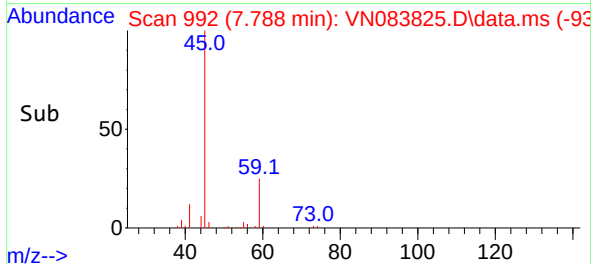
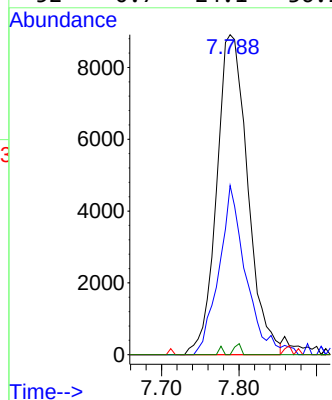
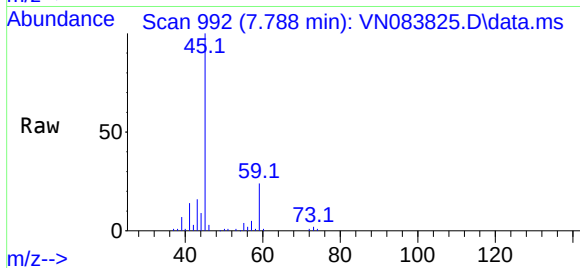




#41  
Methacrylonitrile  
Concen: 18.373 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

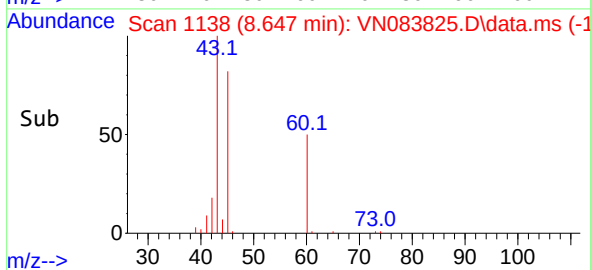
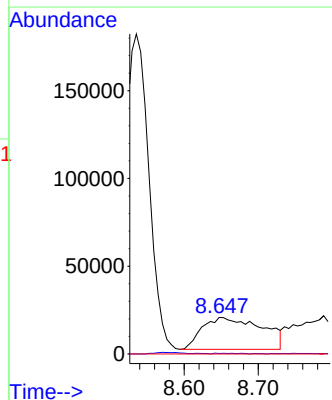
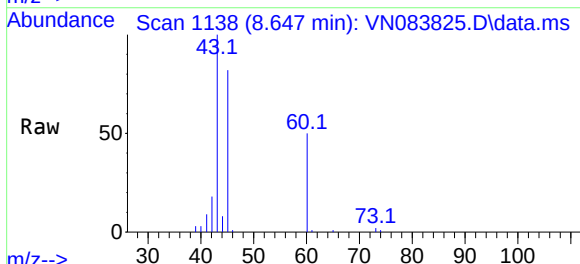
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

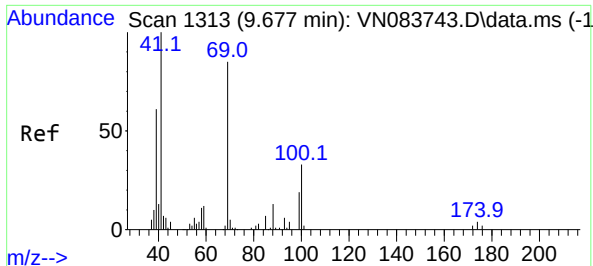
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24812 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 46.2  | 45.4  | 68.2  |
| 67       | 0.0   | 55.9  | 83.9# |
| 52       | 0.7   | 24.1  | 36.1# |



#43  
Isopropyl Acetate  
Concen: 24.929 ug/l  
RT: 8.647 min Scan# 1138  
Delta R.T. -0.041 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 103145 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 0.6   | 19.4  | 29.0#  |
| 87       | 0.0   | 9.8   | 14.6#  |





#48

Methyl methacrylate

Concen: 22.067 ug/l

RT: 9.653 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA\_N

ClientSampleId :

9424-D-F-82924-D

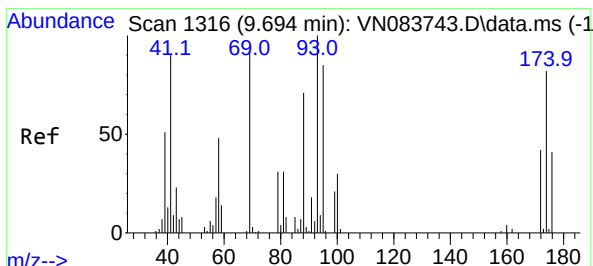
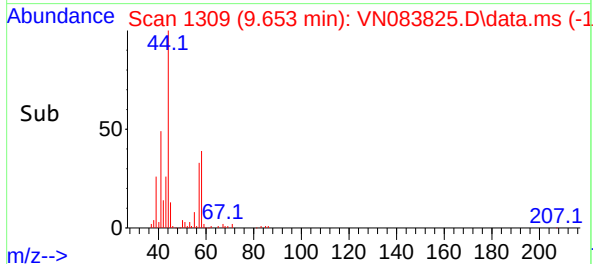
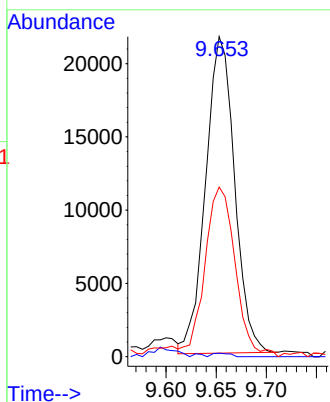
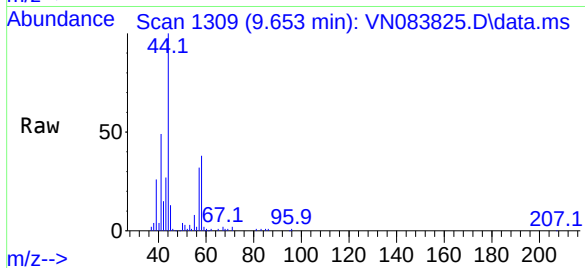
Tgt Ion: 41 Resp: 43318

Ion Ratio Lower Upper

41 100

69 0.7 64.3 96.5#

39 56.3 48.9 73.3



#49

1,4-Dioxane

Concen: 32.267 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.012 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

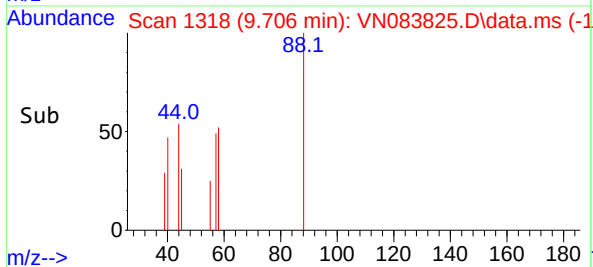
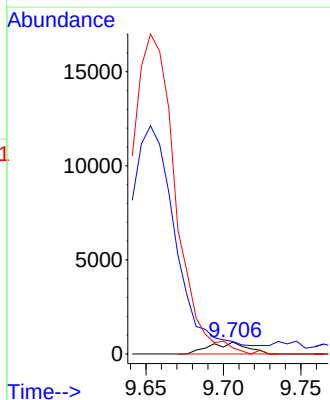
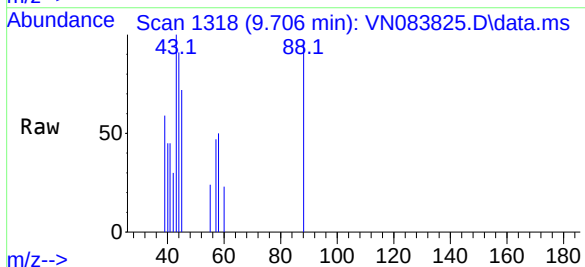
Tgt Ion: 88 Resp: 1042

Ion Ratio Lower Upper

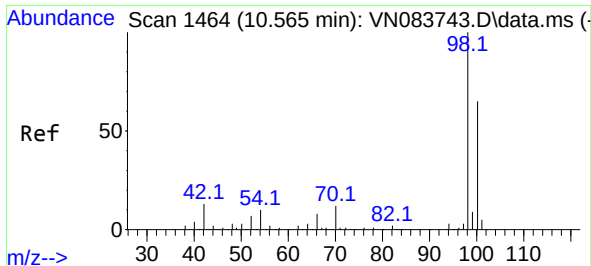
88 100

43 0.0 0.0 0.0

58 0.0 57.1 85.7#



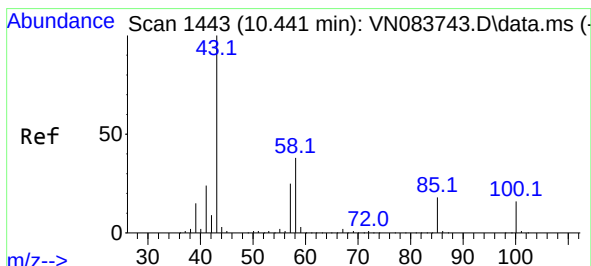
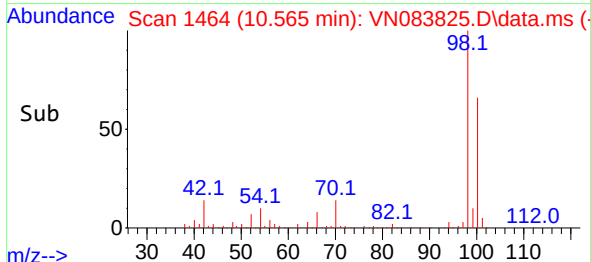
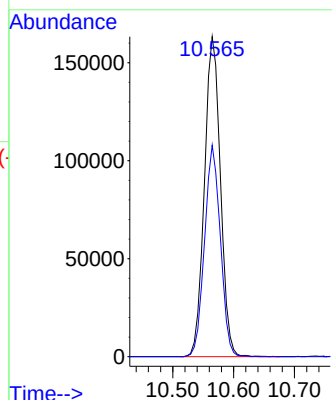
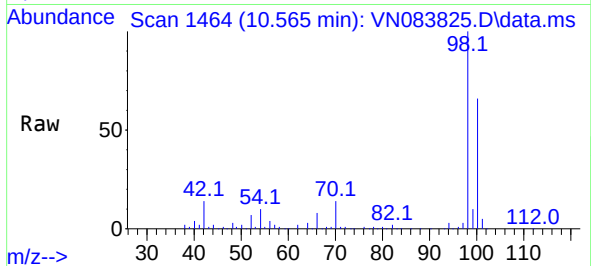




#50  
Toluene-d8  
Concen: 51.716 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

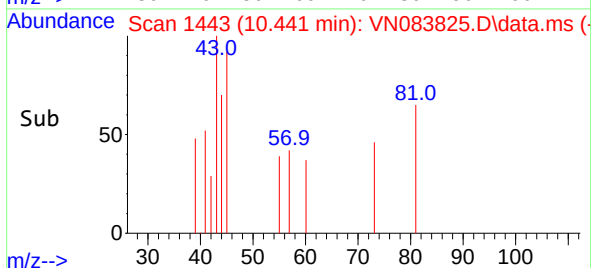
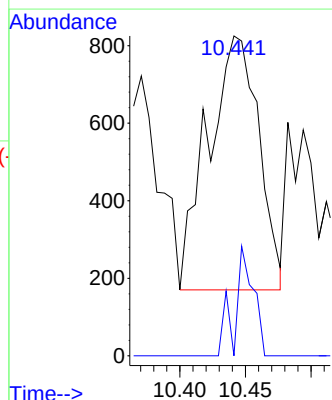
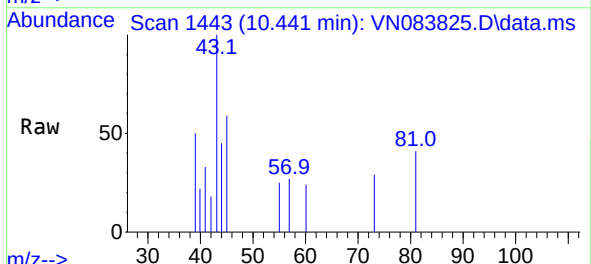
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

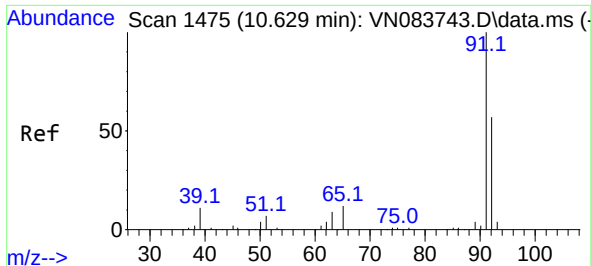
Tgt Ion: 98 Resp: 298791  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.784 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 1766  
Ion Ratio Lower Upper  
43 100  
58 15.9 31.6 47.4#

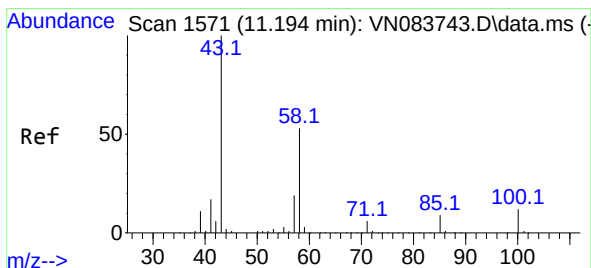
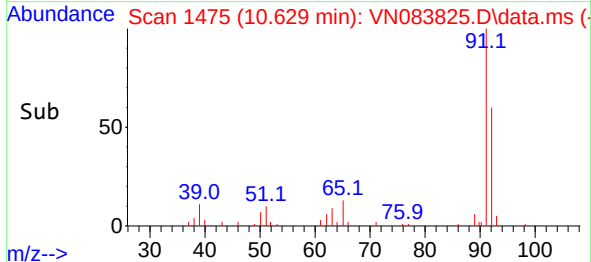
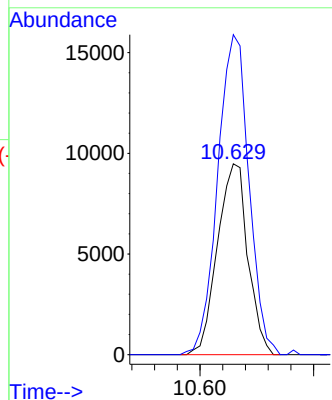
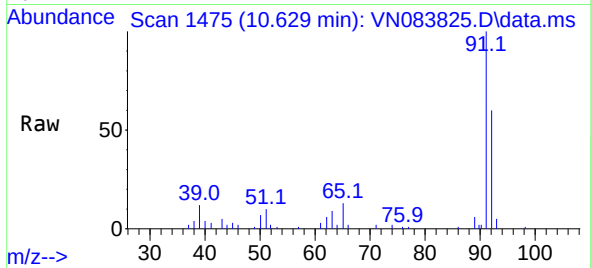




#52  
Toluene  
Concen: 3.802 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

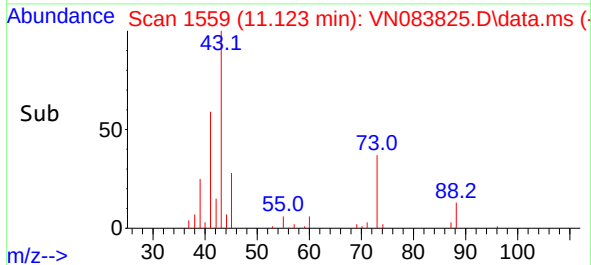
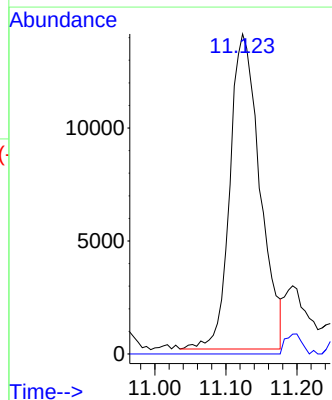
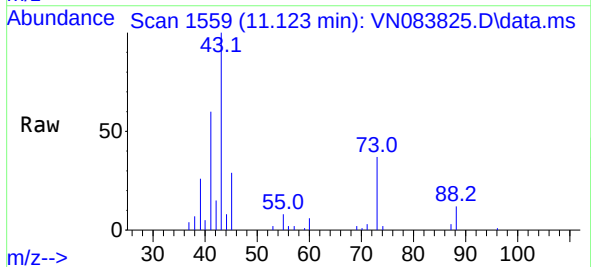
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

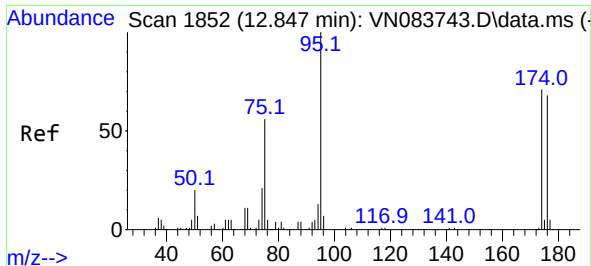
Tgt Ion: 92 Resp: 17605  
Ion Ratio Lower Upper  
92 100  
91 172.4 134.7 202.1



#59  
2-Hexanone  
Concen: 24.663 ug/l  
RT: 11.123 min Scan# 1559  
Delta R.T. -0.071 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 41091  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.2 81.5#

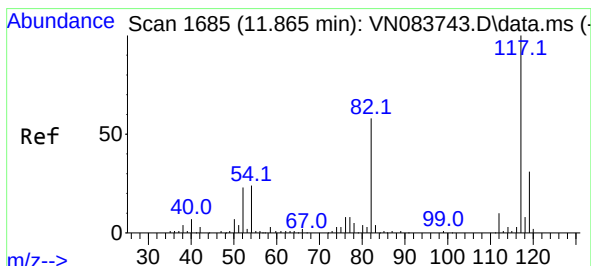
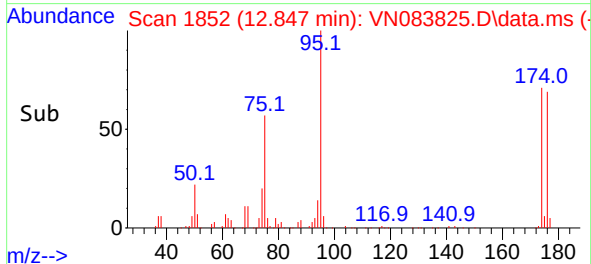
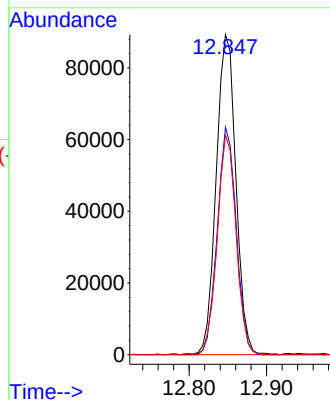
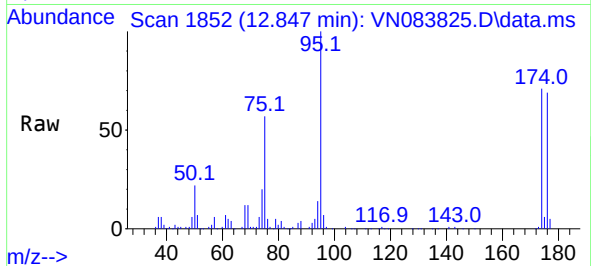




#62  
4-Bromofluorobenzene  
Concen: 66.261 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

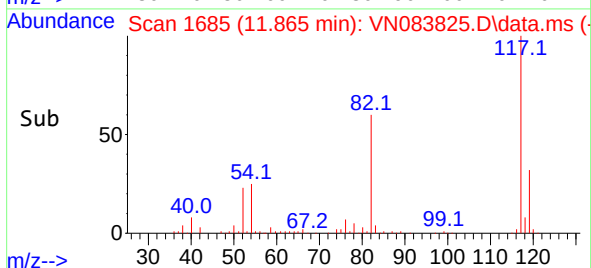
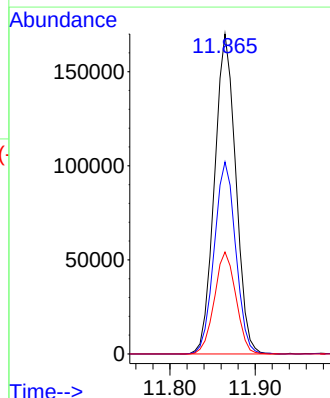
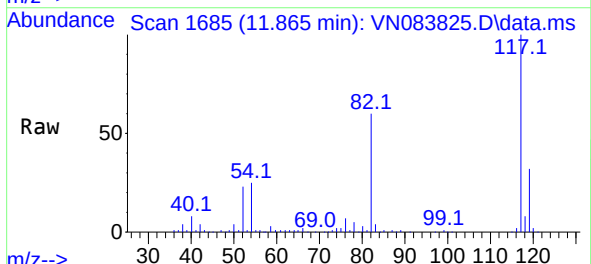
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

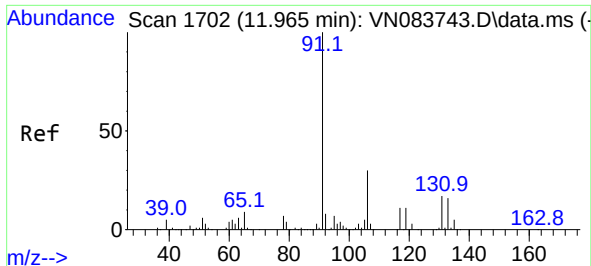
Tgt Ion: 95 Resp: 157944  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 139.8  
176 65.5 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 117 Resp: 294598  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.4 71.0  
119 31.8 26.3 39.5





#67

Ethyl Benzene

Concen: 1.224 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083825.D

Acq: 12 Sep 2024 12:08

Instrument :

MSVOA\_N

ClientSampleId :

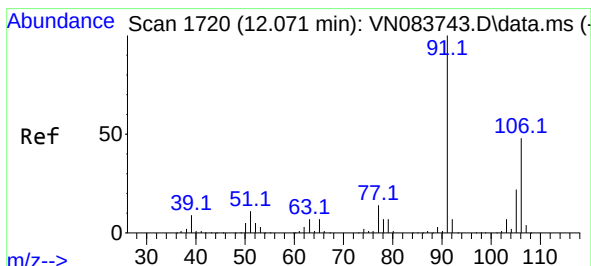
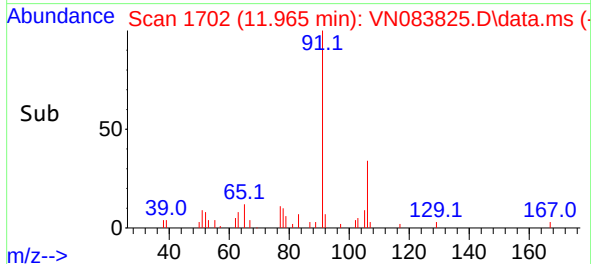
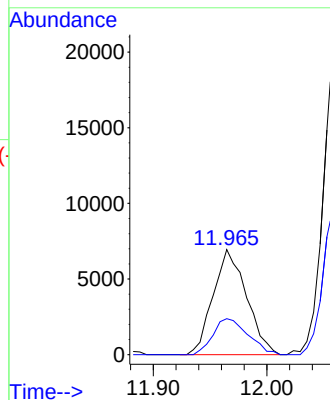
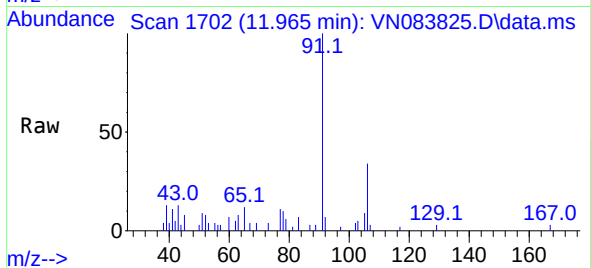
9424-D-F-82924-D

Tgt Ion: 91 Resp: 14238

Ion Ratio Lower Upper

91 100

106 34.2 24.3 36.5



#68

m/p-Xylenes

Concen: 5.181 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083825.D

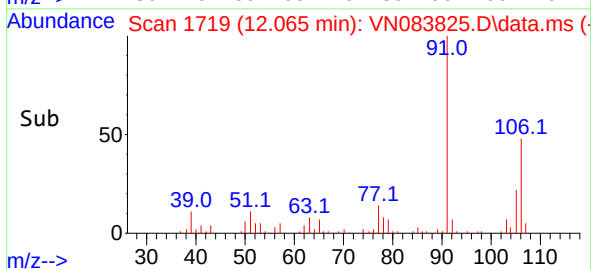
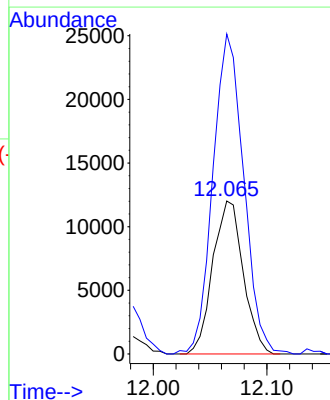
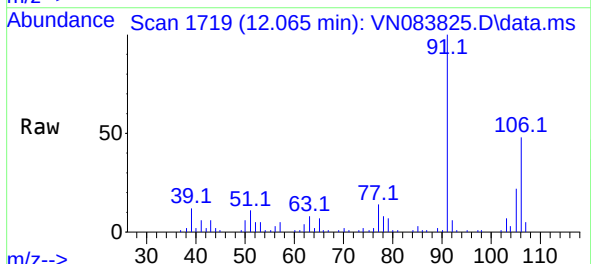
Acq: 12 Sep 2024 12:08

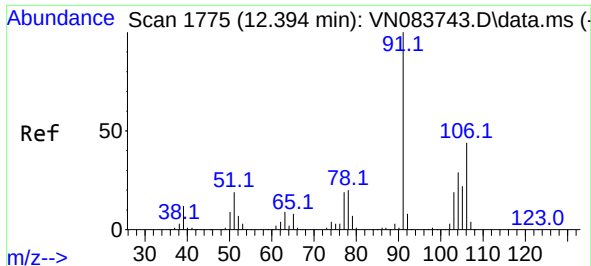
Tgt Ion: 106 Resp: 22375

Ion Ratio Lower Upper

106 100

91 211.4 169.2 253.8

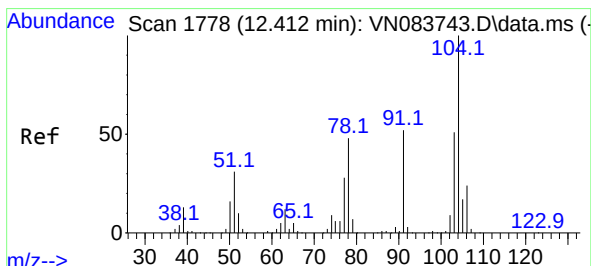
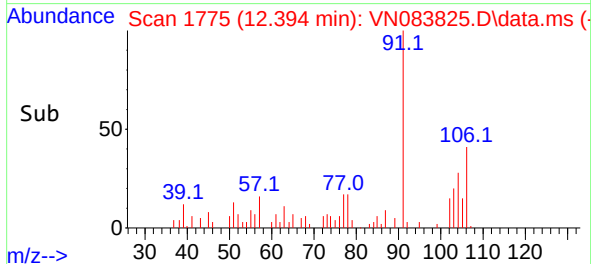
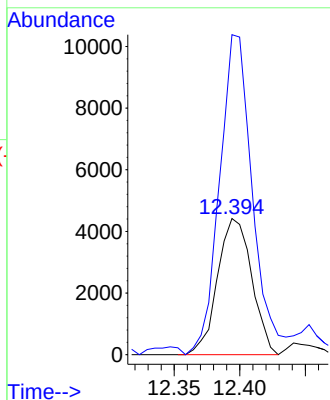
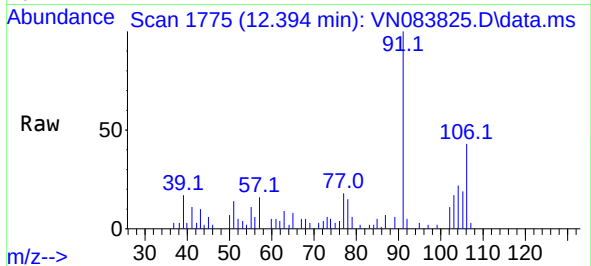




#69  
o-Xylene  
Concen: 1.918 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

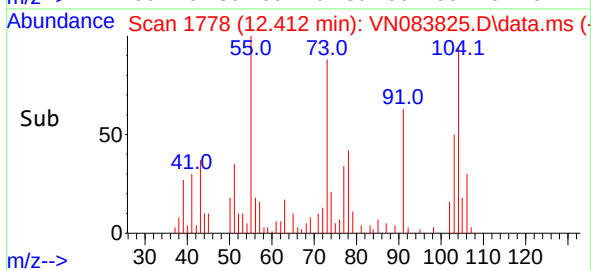
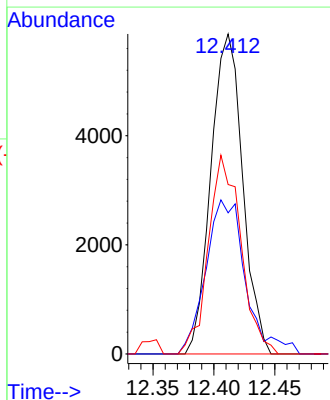
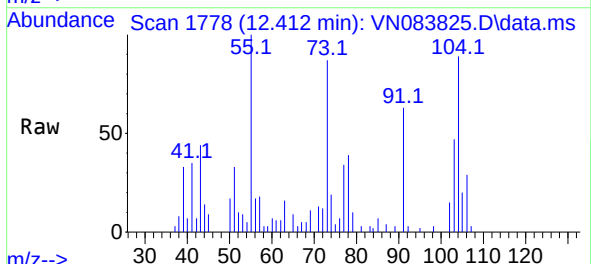
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

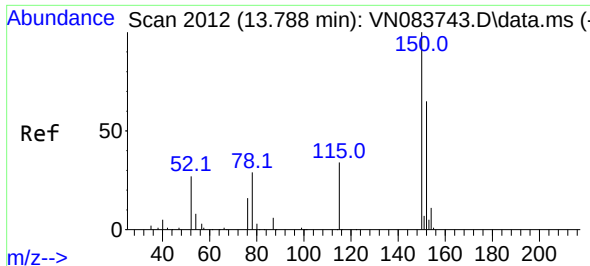
Tgt Ion:106 Resp: 8020  
Ion Ratio Lower Upper  
106 100  
91 224.6 112.9 338.6



#70  
Styrene  
Concen: 1.551 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

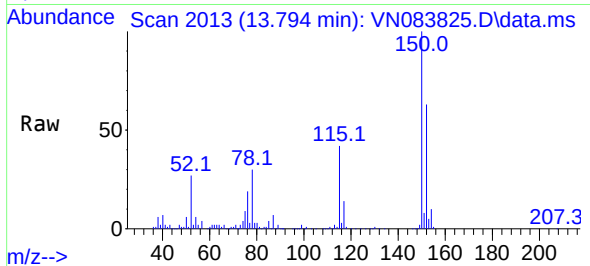
Tgt Ion:104 Resp: 10641  
Ion Ratio Lower Upper  
104 100  
78 60.2 43.3 64.9  
103 63.6 43.4 65.2



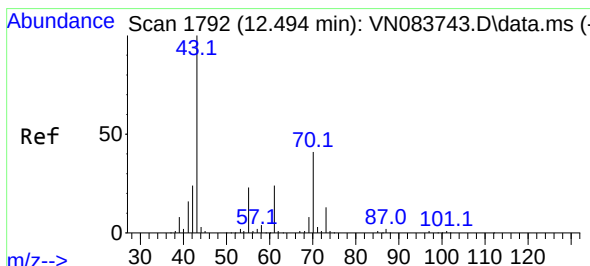
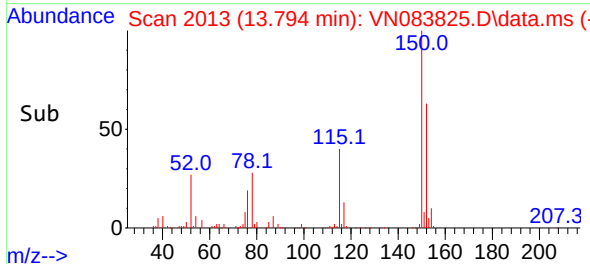
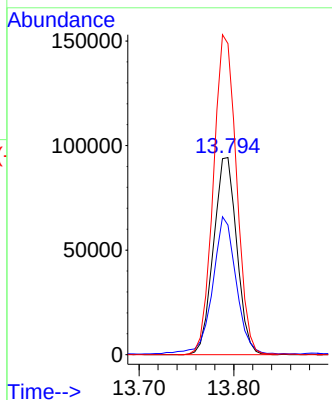


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

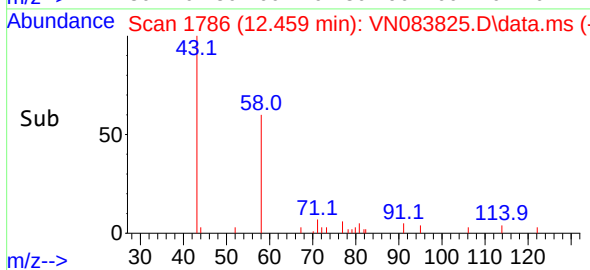
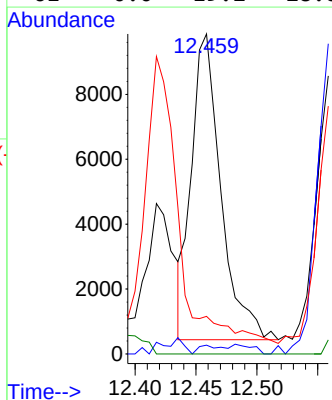
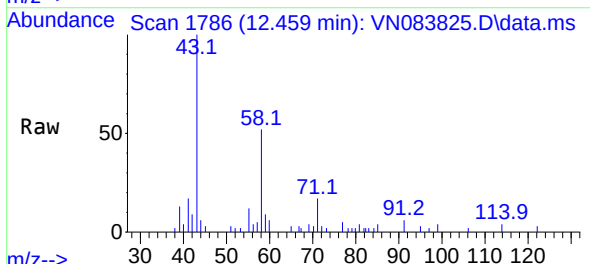


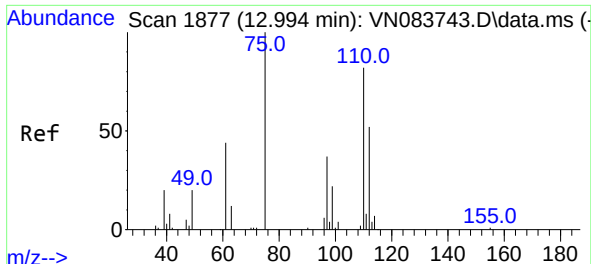
Tgt Ion:152 Resp: 161453  
Ion Ratio Lower Upper  
152 100  
115 70.6 32.2 96.6  
150 161.3 0.0 348.6



#74  
N-ethyl acetate  
Concen: 2.985 ug/l  
RT: 12.459 min Scan# 1786  
Delta R.T. -0.035 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 43 Resp: 15907  
Ion Ratio Lower Upper  
43 100  
70 0.0 34.5 51.7#  
55 0.0 18.6 28.0#  
61 0.0 19.2 28.8#

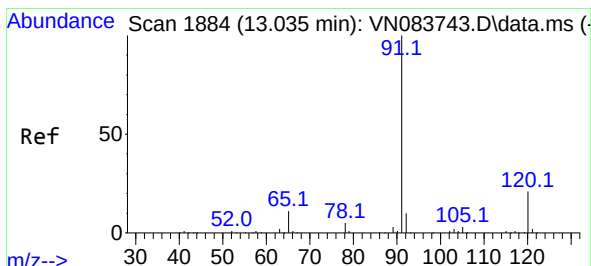
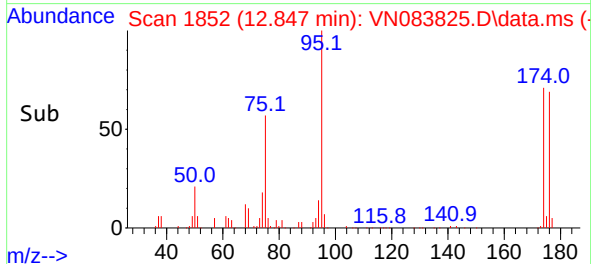
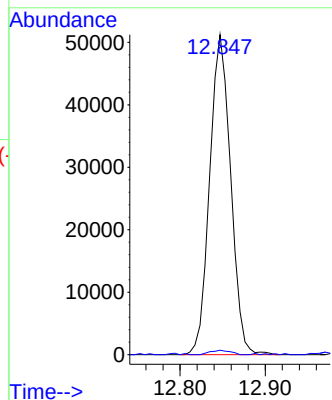
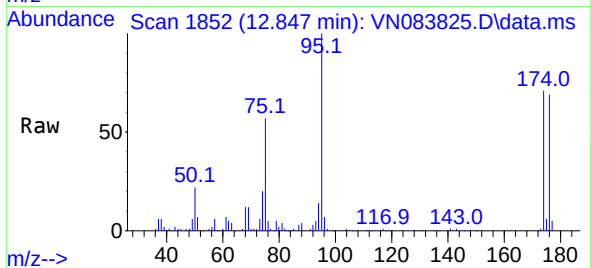




#76  
1,2,3-Trichloropropane  
Concen: 26.960 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

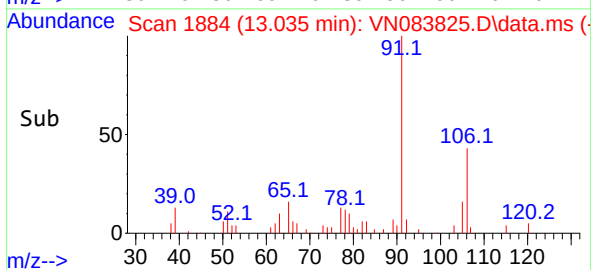
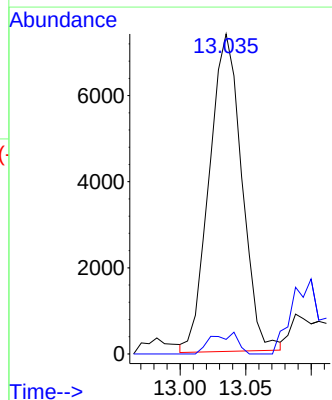
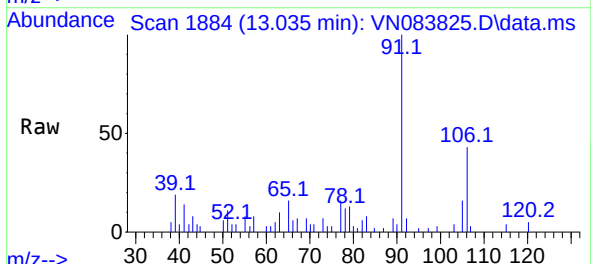
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

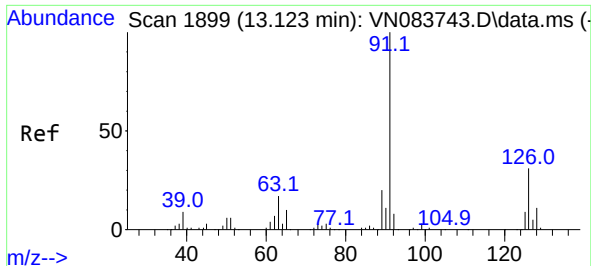
Tgt Ion: 75 Resp: 87830  
Ion Ratio Lower Upper  
75 100  
77 1.3 95.2 285.6#



#78  
n-propylbenzene  
Concen: 0.876 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 91 Resp: 12736  
Ion Ratio Lower Upper  
91 100  
120 5.4 11.0 33.0#

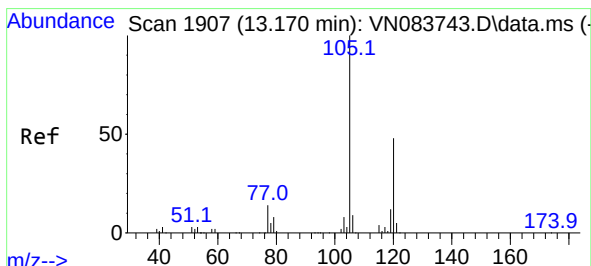
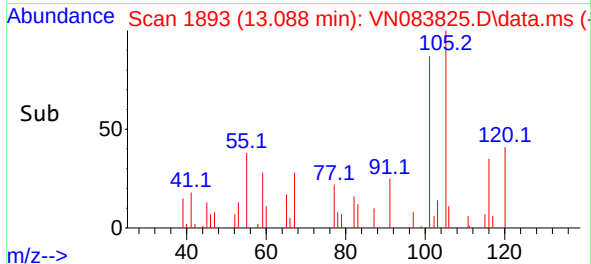
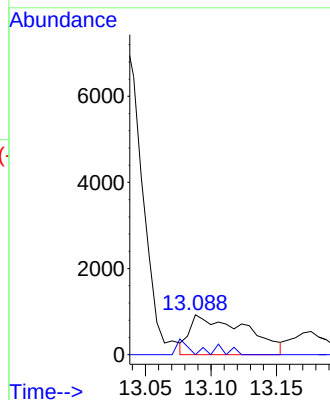
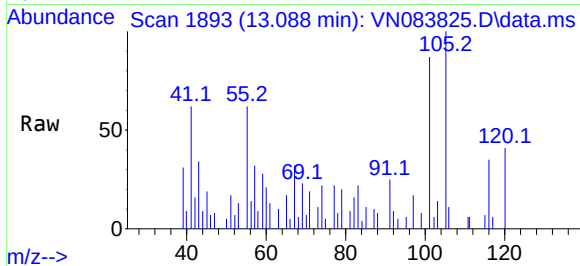




#79  
2-Chlorotoluene  
Concen: 0.295 ug/l  
RT: 13.088 min Scan# 1899  
Delta R.T. -0.035 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

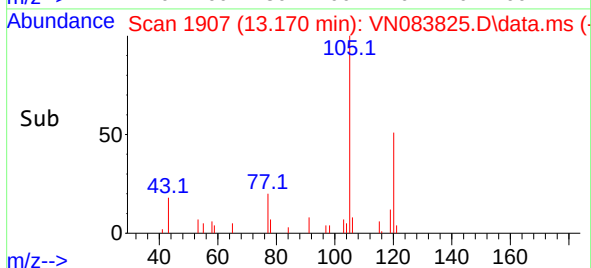
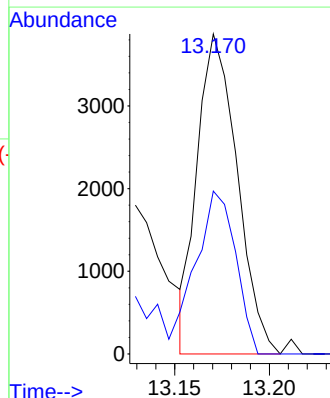
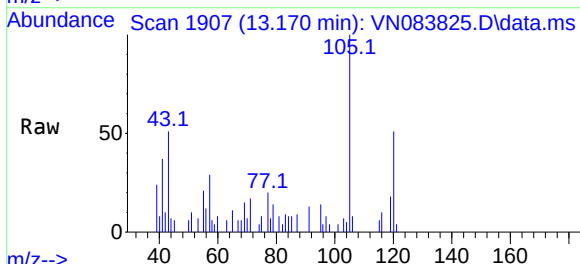
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

Tgt Ion: 91 Resp: 2737  
Ion Ratio Lower Upper  
91 100  
126 2.2 15.4 46.2#

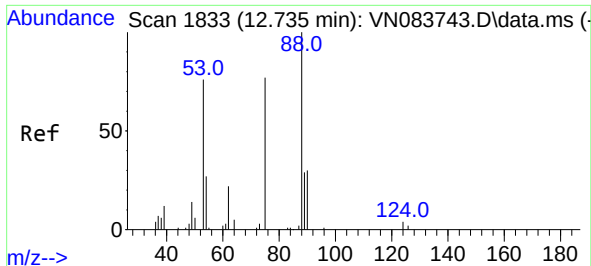


#80  
1,3,5-Trimethylbenzene  
Concen: 0.537 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 105 Resp: 5654  
Ion Ratio Lower Upper  
105 100  
120 51.3 23.4 70.3



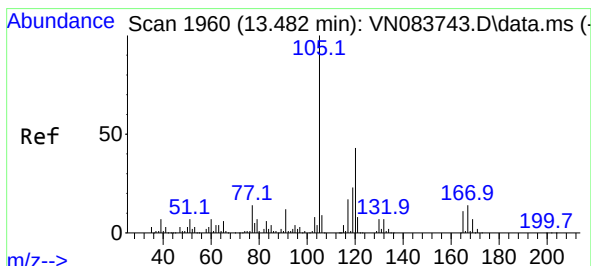
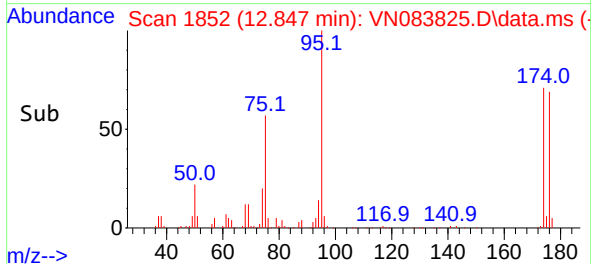
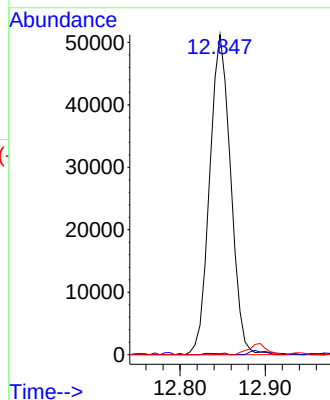
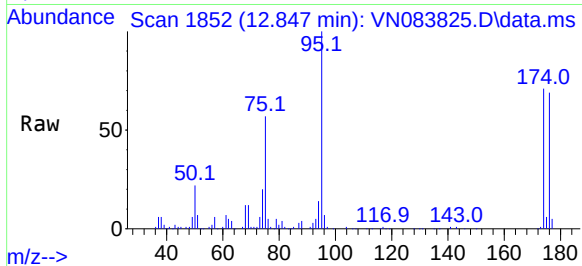




#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.610 ug/l  
RT: 12.847 min Scan# 11  
Delta R.T. 0.112 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

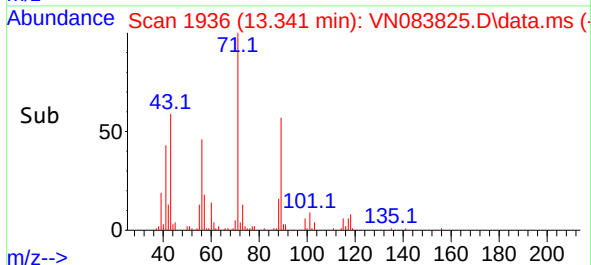
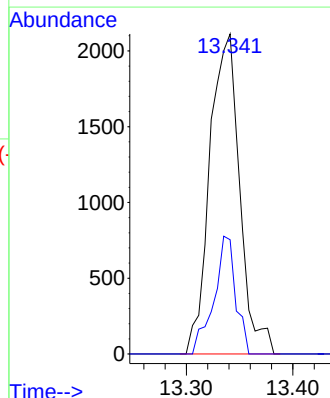
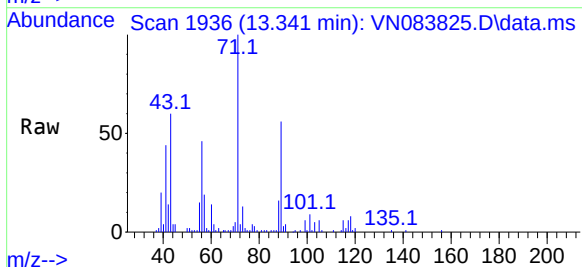
Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

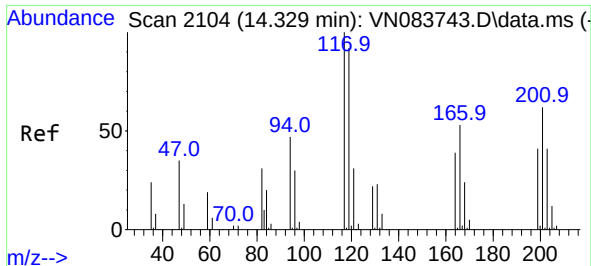
Tgt Ion: 75 Resp: 87830  
Ion Ratio Lower Upper  
75 100  
53 0.4 81.2 121.8#  
89 0.0 35.7 53.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.389 ug/l  
RT: 13.341 min Scan# 1936  
Delta R.T. -0.141 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

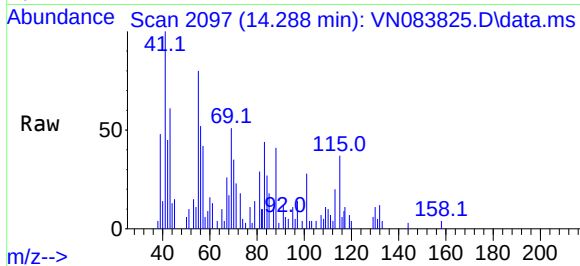
Tgt Ion: 105 Resp: 4116  
Ion Ratio Lower Upper  
105 100  
120 26.7 21.8 65.4



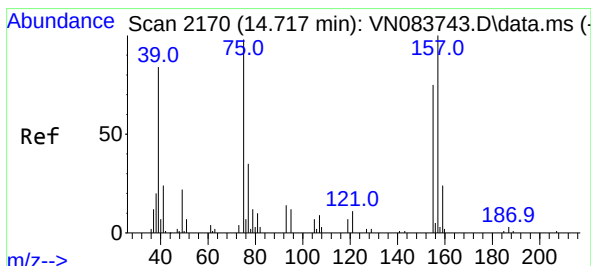
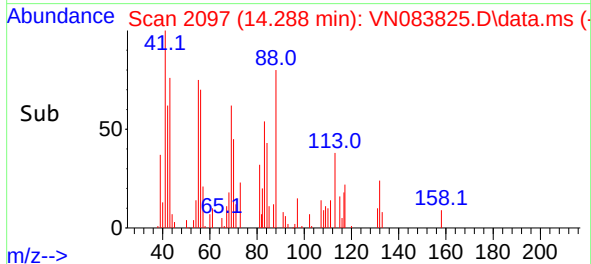
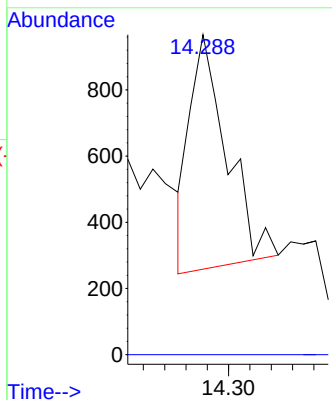


#90  
Hexachloroethane  
Concen: 0.415 ug/l  
RT: 14.288 min Scan# 2097  
Delta R.T. -0.041 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

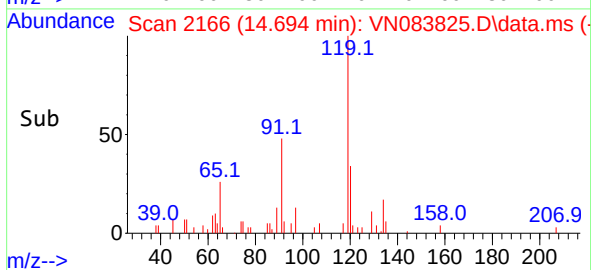
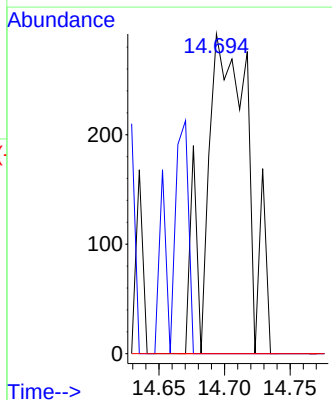
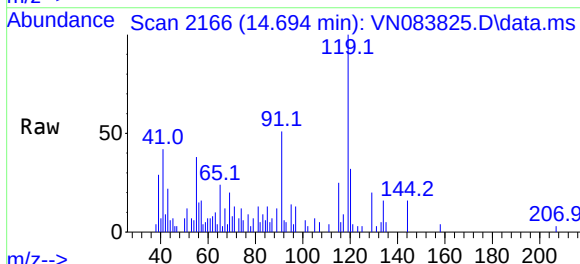


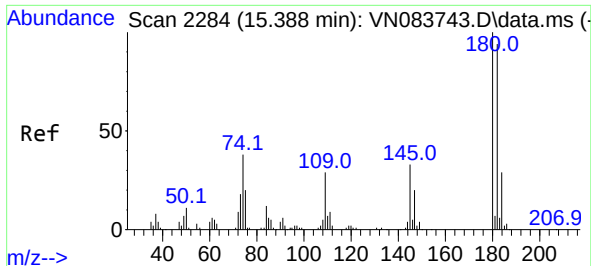
Tgt Ion:117 Resp: 855  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.8 98.3#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.893 ug/l  
RT: 14.694 min Scan# 2166  
Delta R.T. -0.024 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion: 75 Resp: 653  
Ion Ratio Lower Upper  
75 100  
155 0.0 35.9 107.7#  
157 0.0 47.5 142.5#

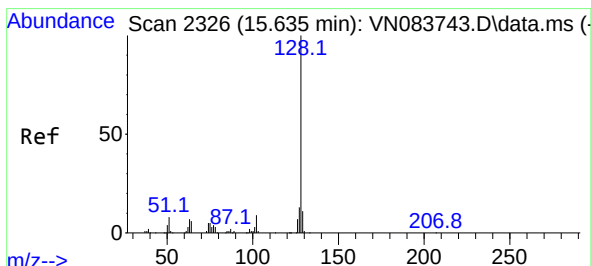
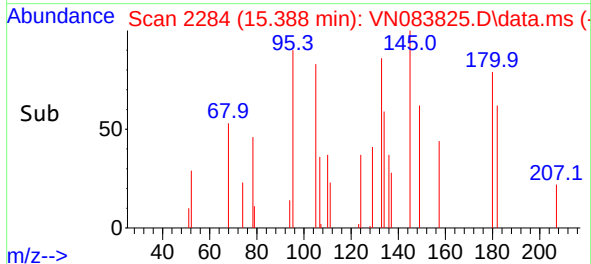
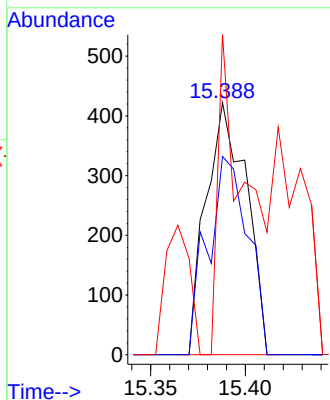
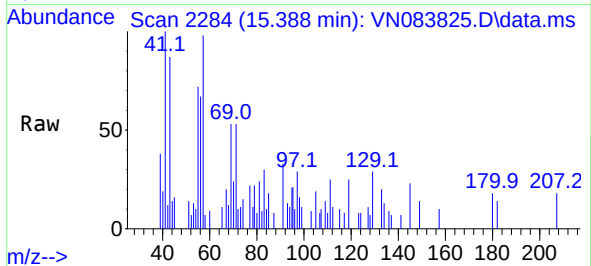




#93  
1,2,4-Trichlorobenzene  
Concen: 0.212 ug/l  
RT: 15.388 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Instrument :  
MSVOA\_N  
ClientSampleId :  
9424-D-F-82924-D

Tgt Ion:180 Resp: 622  
Ion Ratio Lower Upper  
180 100  
182 78.8 48.1 144.3  
145 88.7 16.9 50.7#



#95  
Naphthalene  
Concen: 6.975 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN083825.D  
Acq: 12 Sep 2024 12:08

Tgt Ion:128 Resp: 62362  
Ion Ratio Lower Upper  
128 100  
127 15.6 10.2 15.2#  
129 13.0 8.7 13.1

