

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122822\  
 Data File : VN076020.D  
 Acq On : 29 Dec 2022 00:07  
 Operator : JC\MD  
 Sample : PB149923ZHE#01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB149923ZHE#01

Quant Time: Dec 29 07:48:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 8.230          | 168  | 364723     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 574456     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 506907     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 220535     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 182964     | 46.112  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 92.220% |        |          |
| 35) Dibromofluoromethane      | 8.171          | 113  | 167735     | 47.149  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 94.300% |        |          |
| 50) Toluene-d8                | 10.571         | 98   | 661607     | 49.740  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 99.480% |        |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 214198     | 48.621  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 97.240% |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 6) Chloroethane               | 3.124          | 64   | 870        | 0.306   | ug/l # | 44       |
| 11) Tert butyl alcohol        | 5.536          | 59   | 2827       | 5.035   | ug/l # | 72       |
| 16) Acetone                   | 4.448          | 43   | 66489      | 48.610  | ug/l   | 98       |
| 18) Methyl Acetate            | 5.053          | 43   | 2838       | 0.702   | ug/l   | 96       |
| 20) Methylene Chloride        | 5.283          | 84   | 19755      | 4.820   | ug/l # | 93       |
| 25) 2-Butanone                | 7.494          | 43   | 25422      | 13.274  | ug/l   | 98       |
| 29) Tetrahydrofuran           | 7.853          | 42   | 2764       | 2.303   | ug/l   | 97       |
| 31) Cyclohexane               | 8.230          | 56   | 7143       | 1.257   | ug/l # | 13       |
| 36) 1,1-Dichloropropene       | 8.230          | 75   | 24414      | 5.166   | ug/l # | 50       |
| 37) Ethyl Acetate             | 7.571          | 43   | 35518      | 9.357   | ug/l   | 98       |
| 38) Carbon Tetrachloride      | 8.236          | 117  | 37269      | 7.046   | ug/l # | 16       |
| 41) Methacrylonitrile         | 7.859          | 41   | 1637       | 0.830   | ug/l # | 36       |
| 42) 1,2-Dichloroethane        | 8.688          | 62   | 1420       | 0.293   | ug/l # | 72       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 202779     | 32.384  | ug/l # | 86       |
| 45) 1,2-Dichloropropane       | 9.747          | 63   | 2397       | 0.676   | ug/l # | 43       |
| 48) Methyl methacrylate       | 9.665          | 41   | 5310       | 1.883   | ug/l # | 6        |
| 49) 1,4-Dioxane               | 9.700          | 88   | 131        | 1.889   | ug/l # | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 22801      | 6.021   | ug/l # | 77       |
| 52) Toluene                   | 10.635         | 92   | 5258       | 0.554   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.359         | 75   | 79912      | 14.407  | ug/l # | 61       |
| 57) 1,3-Dichloropropane       | 11.206         | 76   | 10578      | 1.730   | ug/l # | 42       |
| 59) 2-Hexanone                | 11.171         | 43   | 154009     | 55.767  | ug/l # | 20       |
| 68) m/p-Xylenes               | 12.071         | 106  | 1508       | 0.217   | ug/l   | 92       |
| 71) Bromoform                 | 12.853         | 173  | 1736       | 0.619   | ug/l # | 1        |
| 74) N-amyl acetate            | 12.494         | 43   | 3073       | 0.657   | ug/l # | 68       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 109374     | 24.604  | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 109374     | 88.561  | ug/l # | 12       |
| 87) 1,3-Dichlorobenzene       | 13.729         | 146  | 2025       | 0.272   | ug/l   | 89       |
| 88) 1,4-Dichlorobenzene       | 13.729         | 146  | 2025       | 0.266   | ug/l   | 89       |
| 89) n-Butylbenzene            | 14.065         | 91   | 2599       | 0.238   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 14.112         | 146  | 2024       | 0.276   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.400         | 180  | 2451       | 0.675   | ug/l   | 99       |
| 95) Naphthalene               | 15.647         | 128  | 15444      | 3.408   | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.847         | 180  | 2332       | 0.687   | ug/l   | 82       |
| -----                         |                |      |            |         |        |          |

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Operator : JC\MD  
Sample : PB149923ZHE#01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 35 Sample Multiplier: 1

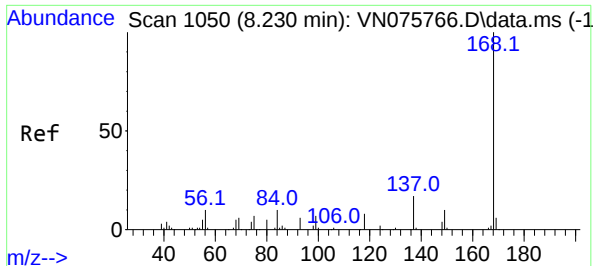
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

Quant Time: Dec 29 07:48:28 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

Quant Time: Dec 29 07:48:28 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
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Response via : Initial Calibration

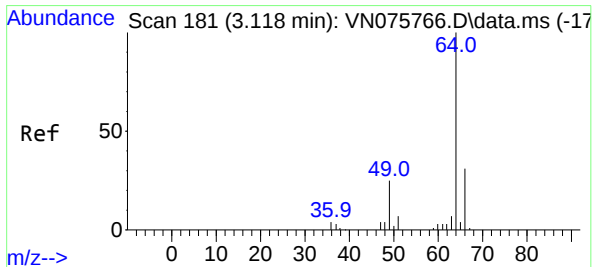
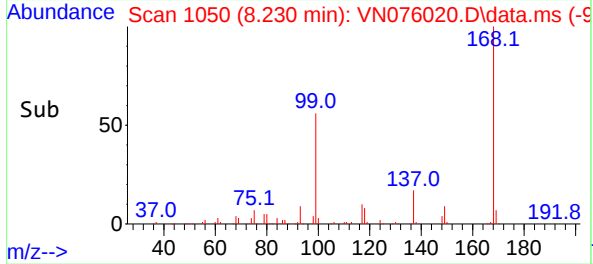
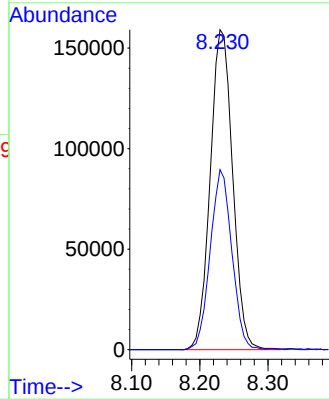
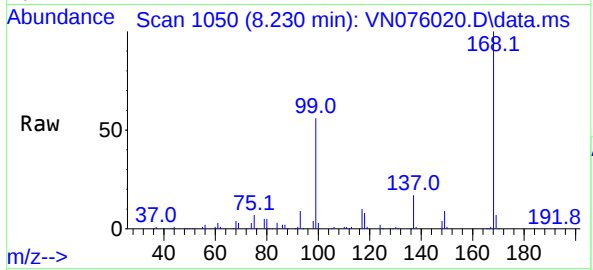




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

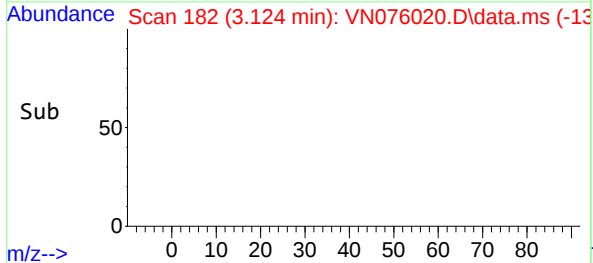
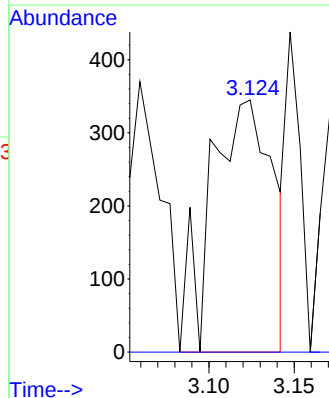
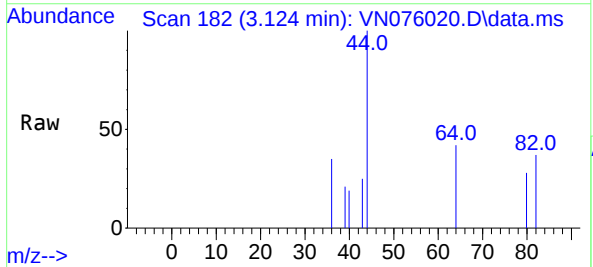
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

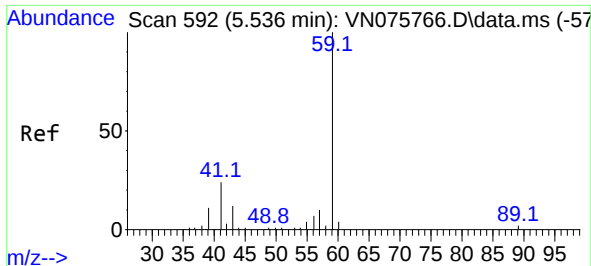
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Ion Ratio Lower Upper  
168 100  
99 56.3 44.2 66.4



#6  
Chloroethane  
Concen: 0.306 ug/l  
RT: 3.124 min Scan# 182  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

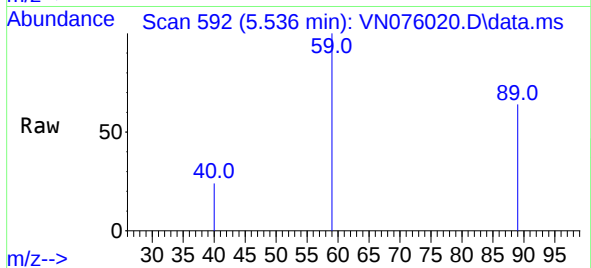
Tgt Ion: 64 Resp: 870  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.6 36.8#



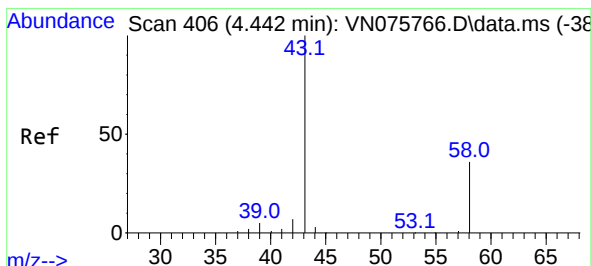
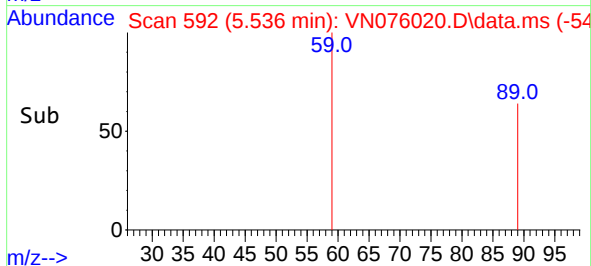
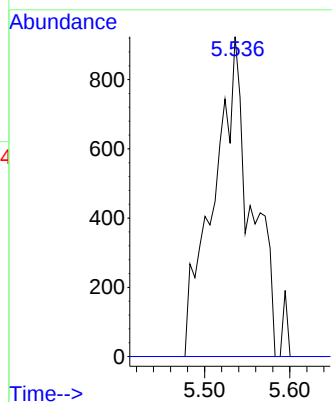


#11  
Tert butyl alcohol  
Concen: 5.035 ug/l  
RT: 5.536 min Scan# 592  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

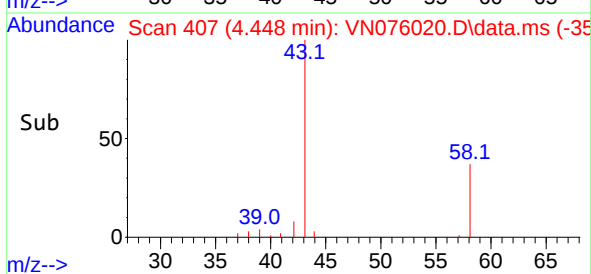
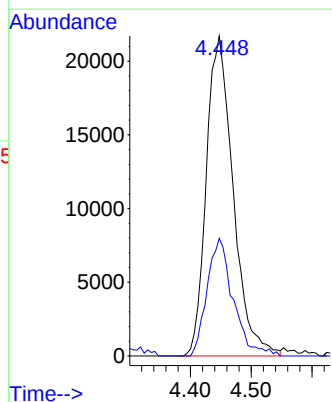
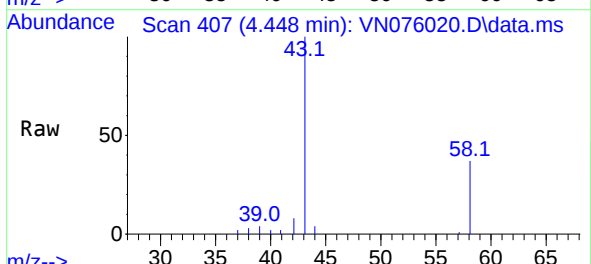


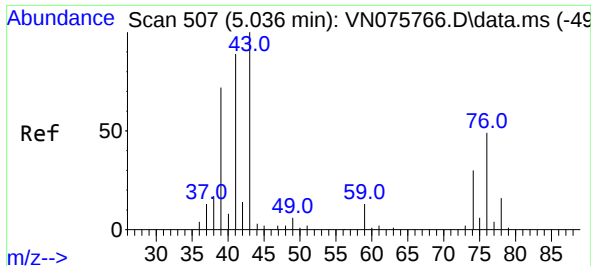
Tgt Ion: 59 Resp: 2827  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 48.610 ug/l  
RT: 4.448 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 43 Resp: 66489  
Ion Ratio Lower Upper  
43 100  
58 36.8 28.6 43.0

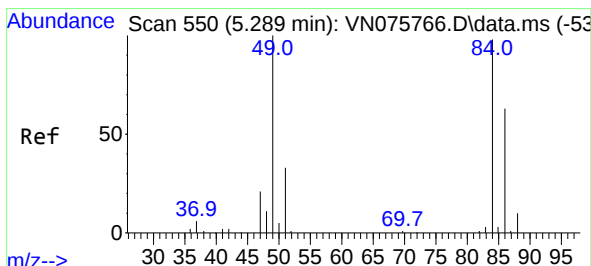
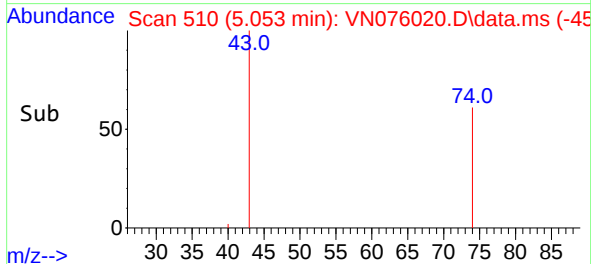
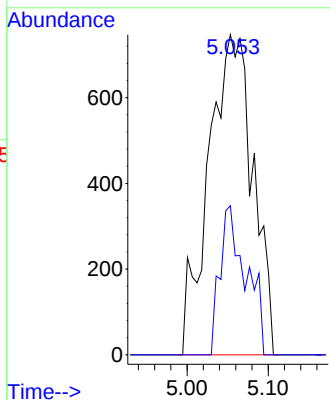
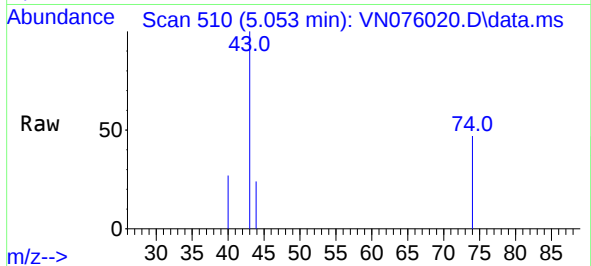




#18  
Methyl Acetate  
Concen: 0.702 ug/l  
RT: 5.053 min Scan# 510  
Delta R.T. 0.018 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

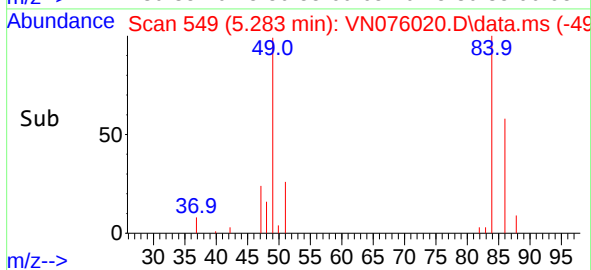
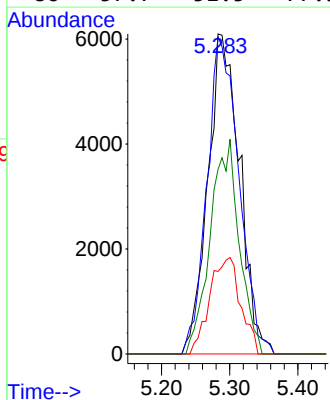
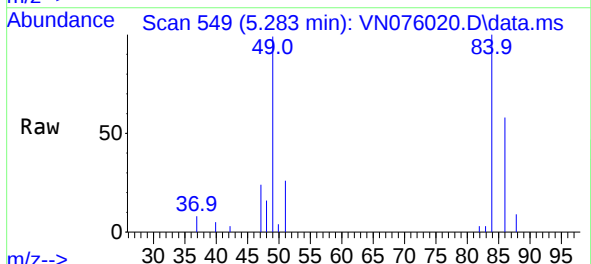
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MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

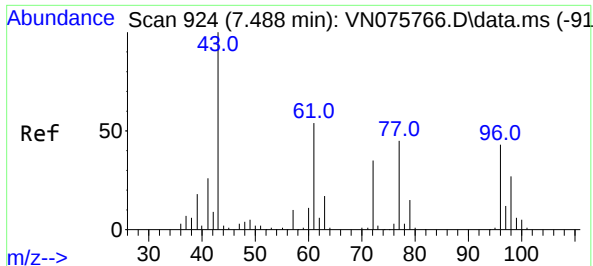
Tgt Ion: 43 Resp: 2838  
Ion Ratio Lower Upper  
43 100  
74 27.4 23.6 35.4



#20  
Methylene Chloride  
Concen: 4.820 ug/l  
RT: 5.283 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 84 Resp: 19755  
Ion Ratio Lower Upper  
84 100  
49 99.0 81.8 122.6  
51 25.8 26.7 40.1#  
86 57.7 51.5 77.3

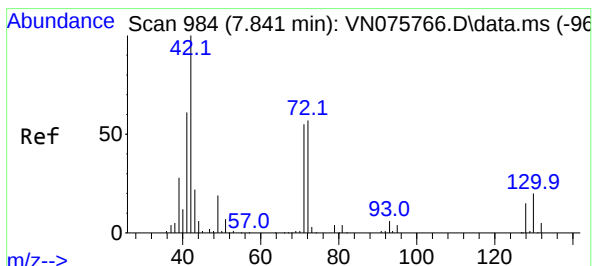
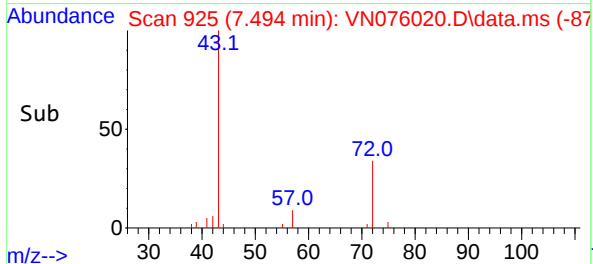
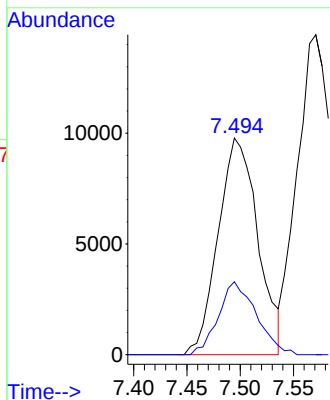
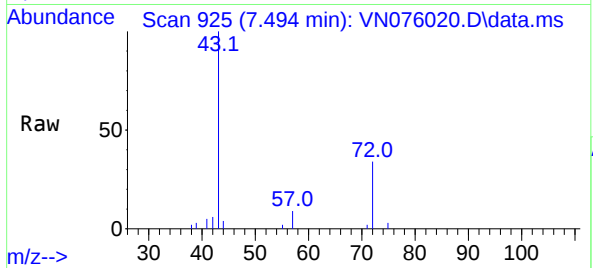




#25  
2-Butanone  
Concen: 13.274 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

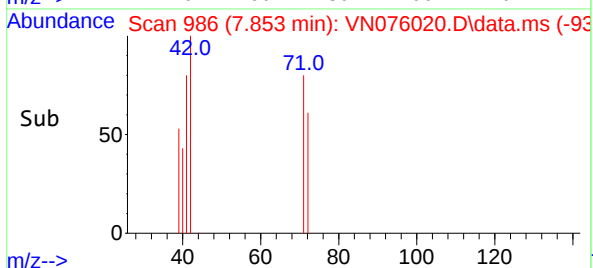
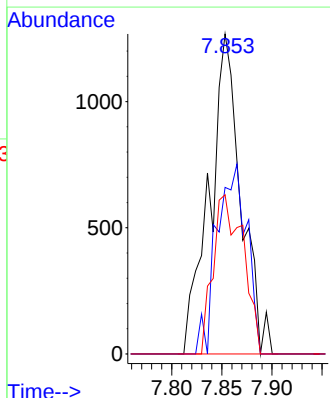
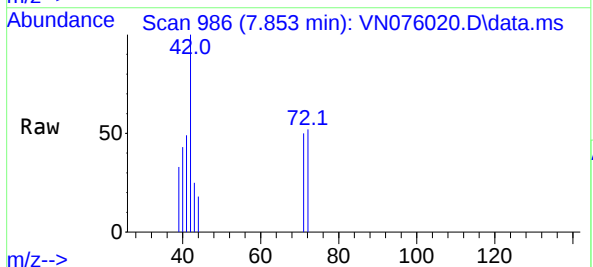
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PB149923ZHE#01

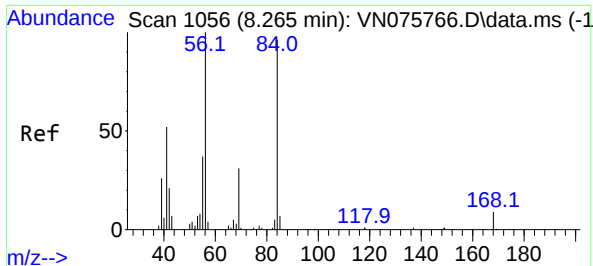
Tgt Ion: 43 Resp: 25422  
Ion Ratio Lower Upper  
43 100  
72 33.7 28.0 42.0



#29  
Tetrahydrofuran  
Concen: 2.303 ug/l  
RT: 7.853 min Scan# 986  
Delta R.T. 0.012 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 42 Resp: 2764  
Ion Ratio Lower Upper  
42 100  
72 56.5 44.5 66.7  
71 47.5 41.0 61.6

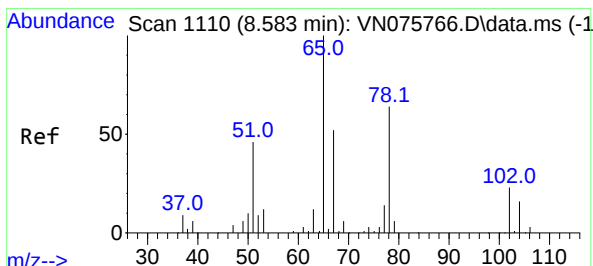
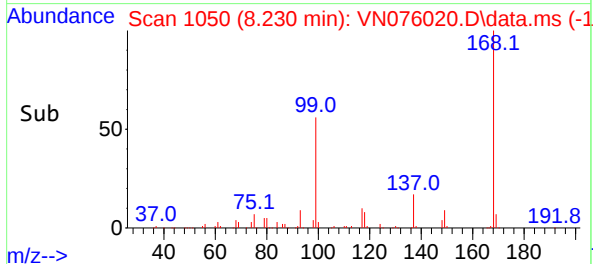
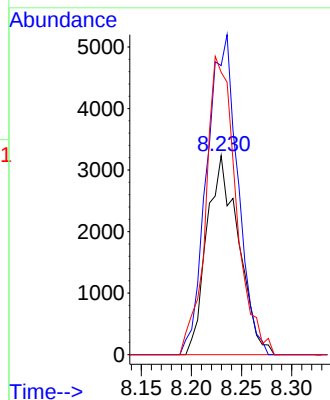
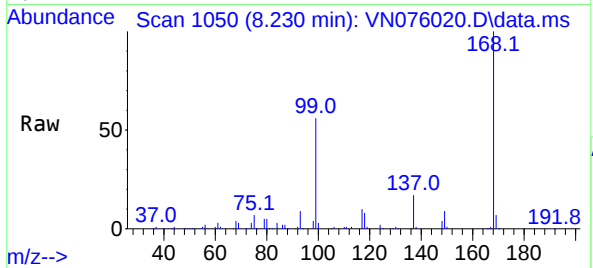




#31  
Cyclohexane  
Concen: 1.257 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.035 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

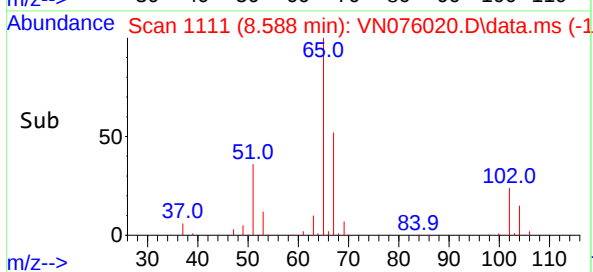
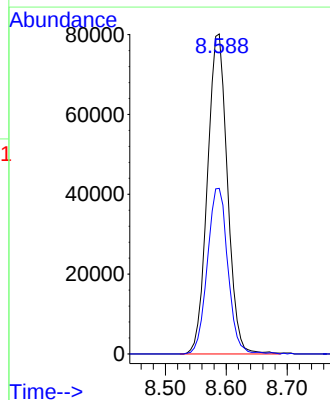
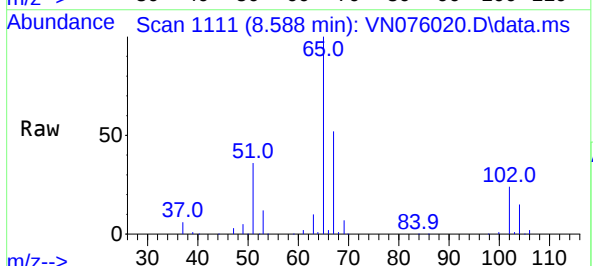
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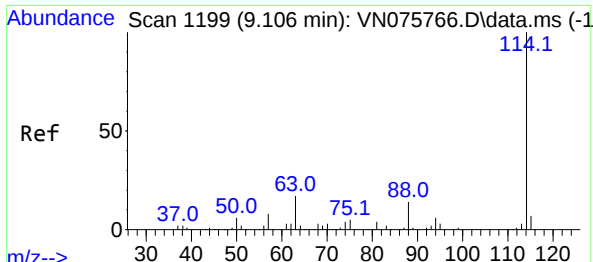
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Ion Ratio Lower Upper  
56 100  
69 145.3 24.7 37.1#  
84 141.9 76.5 114.7#



#33  
1,2-Dichloroethane-d4  
Concen: 46.112 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 65 Resp: 182964  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 103.4

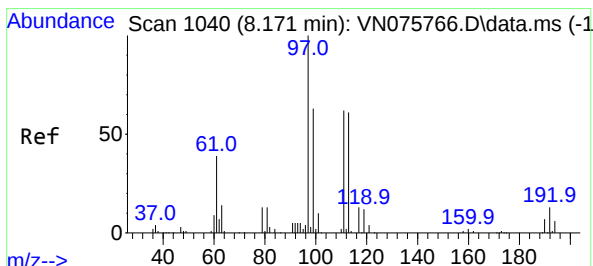
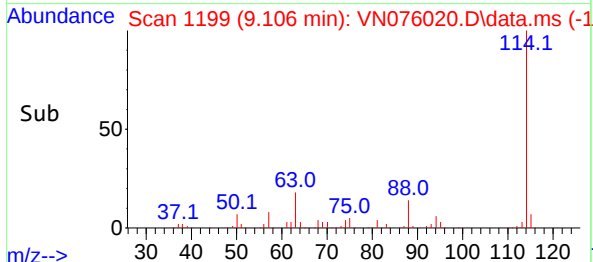
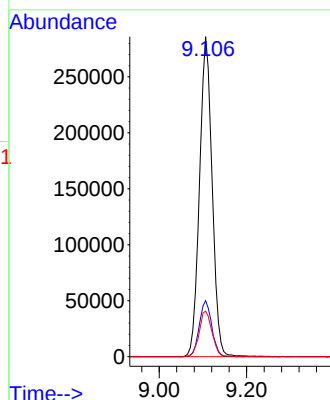
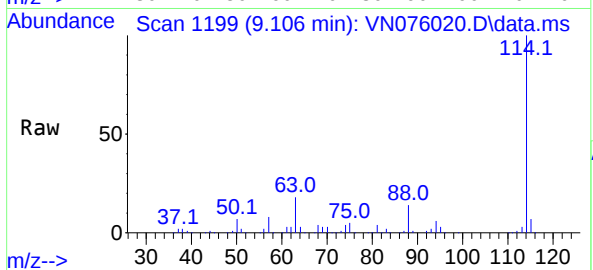




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

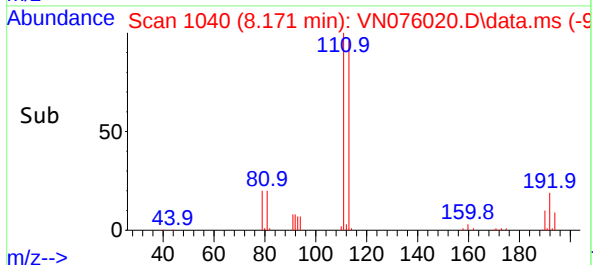
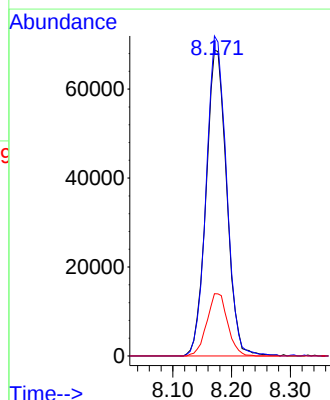
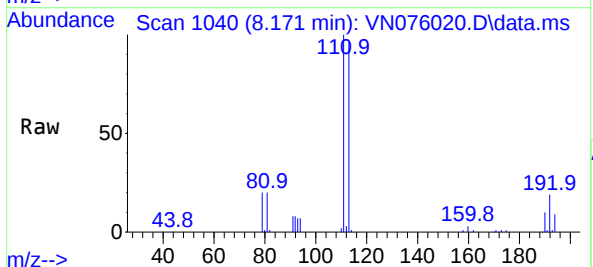
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ClientSampleId :  
PB149923ZHE#01

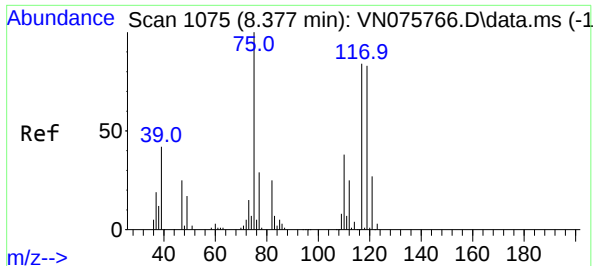
Tgt Ion:114 Resp: 574456  
Ion Ratio Lower Upper  
114 100  
63 17.5 0.0 34.4  
88 14.2 0.0 28.8



#35  
Dibromofluoromethane  
Concen: 47.149 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion:113 Resp: 167735  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.4 125.2  
192 20.5 16.1 24.1

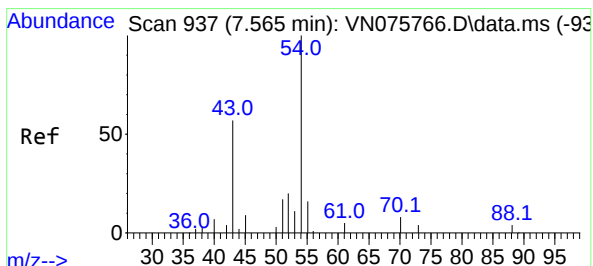
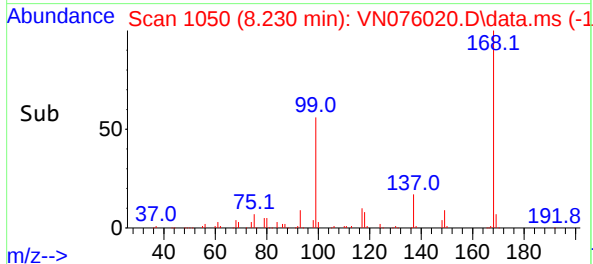
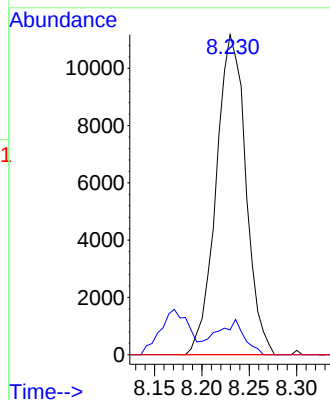
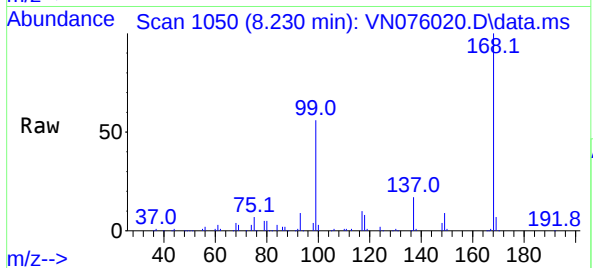




#36  
1,1-Dichloropropene  
Concen: 5.166 ug/l  
RT: 8.230 min Scan# 1075  
Delta R.T. -0.147 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

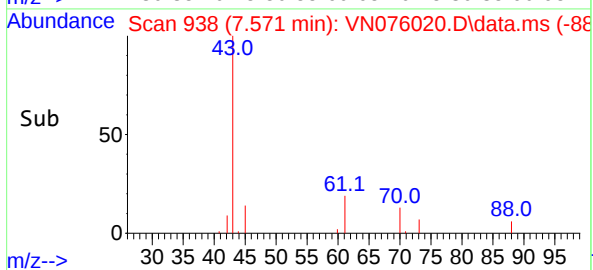
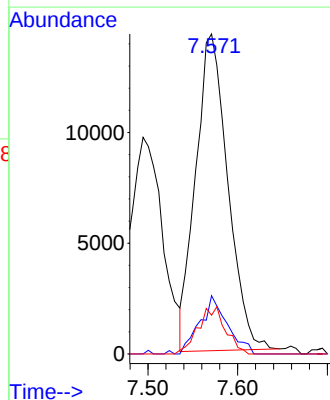
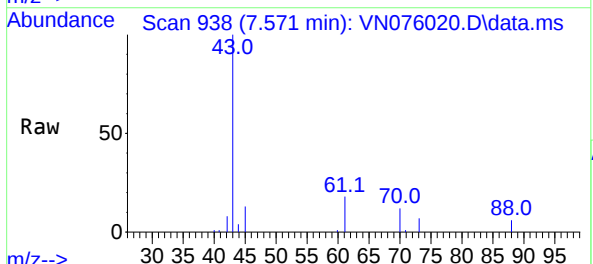
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

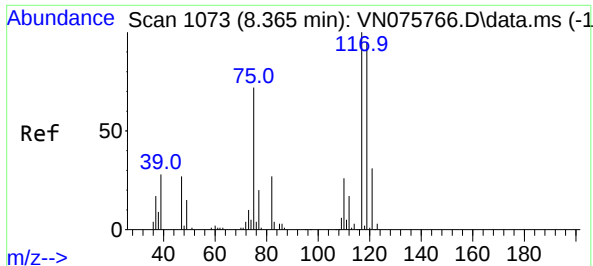
Tgt Ion: 75 Resp: 24414  
Ion Ratio Lower Upper  
75 100  
110 10.0 18.8 56.4#  
77 0.0 24.1 36.1#



#37  
Ethyl Acetate  
Concen: 9.357 ug/l  
RT: 7.571 min Scan# 938  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 43 Resp: 35518  
Ion Ratio Lower Upper  
43 100  
61 15.9 13.0 19.4  
70 12.7 9.4 14.0

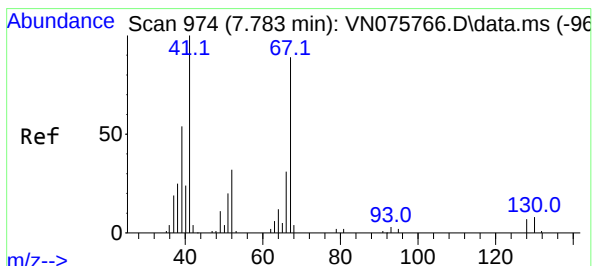
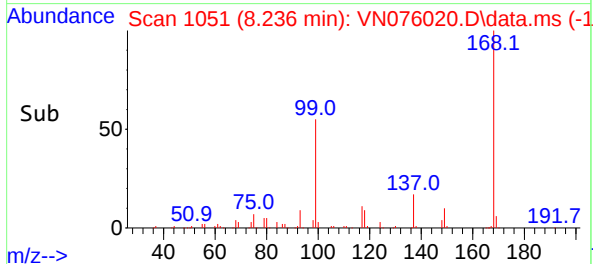
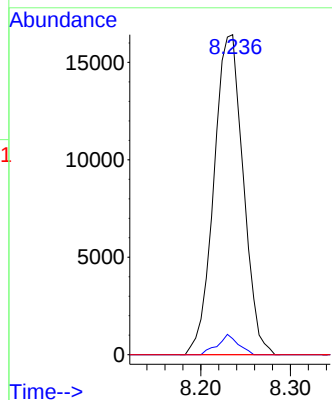
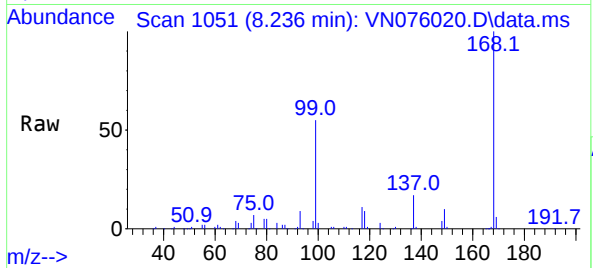




#38  
Carbon Tetrachloride  
Concen: 7.046 ug/l  
RT: 8.236 min Scan# 1073  
Delta R.T. -0.129 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

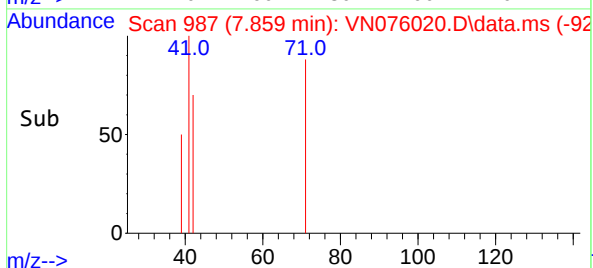
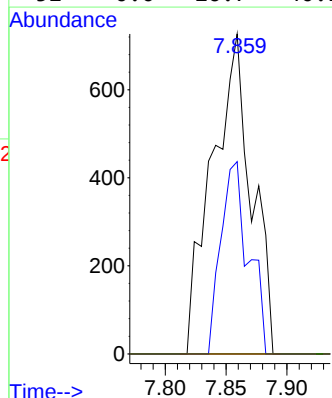
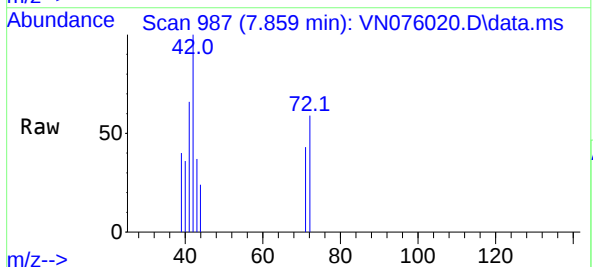
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

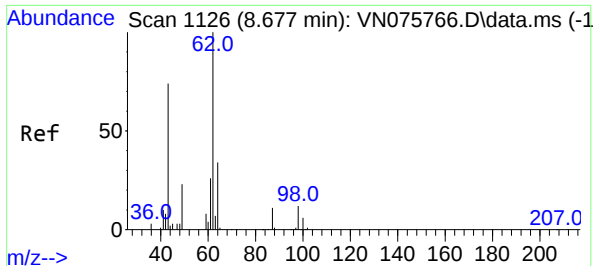
Tgt Ion:117 Resp: 37269  
Ion Ratio Lower Upper  
117 100  
119 5.0 76.1 114.1#  
121 0.0 24.5 36.7#



#41  
Methacrylonitrile  
Concen: 0.830 ug/l  
RT: 7.859 min Scan# 987  
Delta R.T. 0.077 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 41 Resp: 1637  
Ion Ratio Lower Upper  
41 100  
39 42.2 43.1 64.7#  
67 0.0 70.7 106.1#  
52 0.0 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 0.293 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VN076020.D

Acq: 29 Dec 2022 00:07

Instrument :

MSVOA\_N

ClientSampleId :

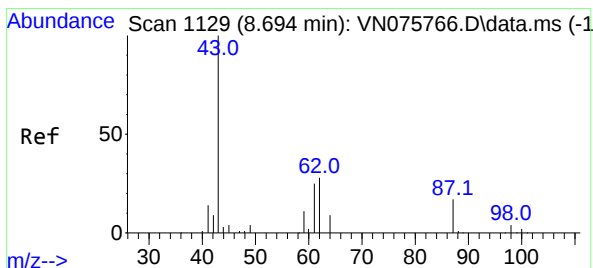
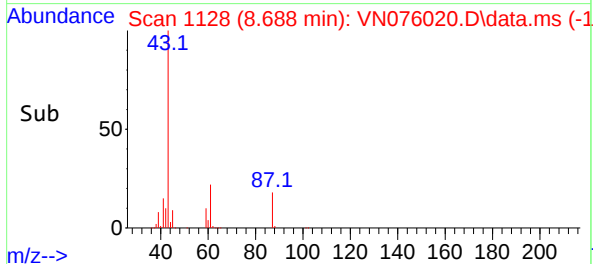
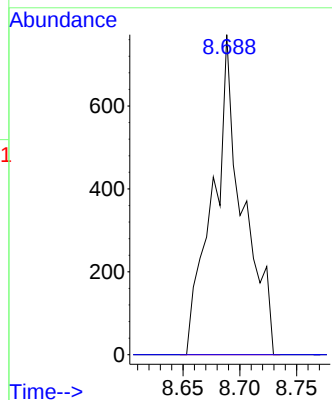
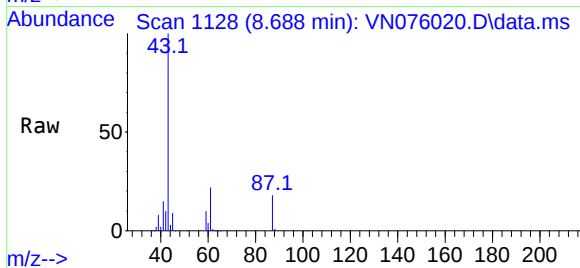
PB149923ZHE#01

Tgt Ion: 62 Resp: 1420

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



#43

Isopropyl Acetate

Concen: 32.384 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076020.D

Acq: 29 Dec 2022 00:07

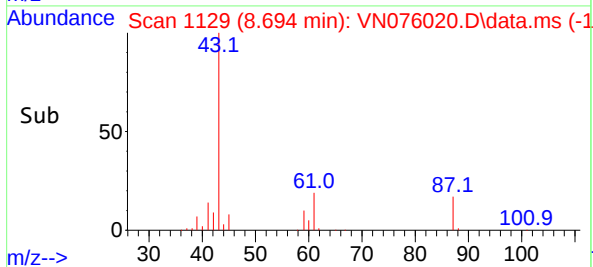
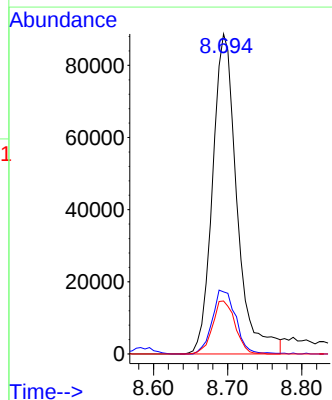
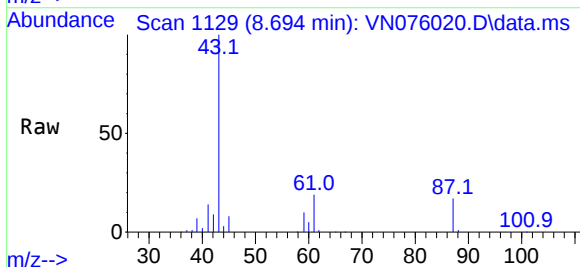
Tgt Ion: 43 Resp: 202779

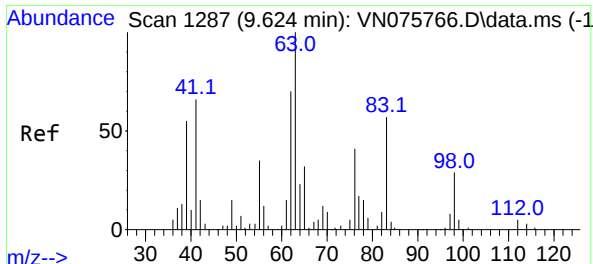
Ion Ratio Lower Upper

43 100

61 19.3 24.2 36.4#

87 15.3 13.3 19.9

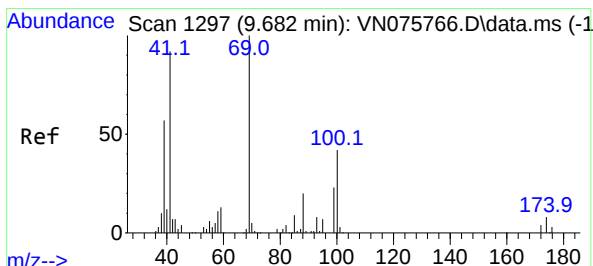
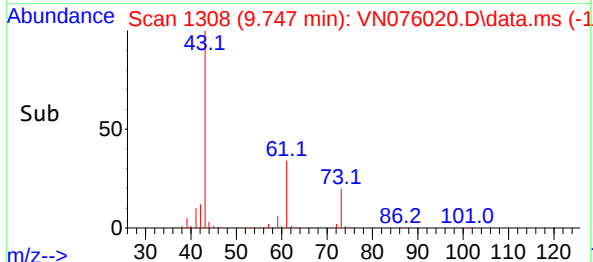
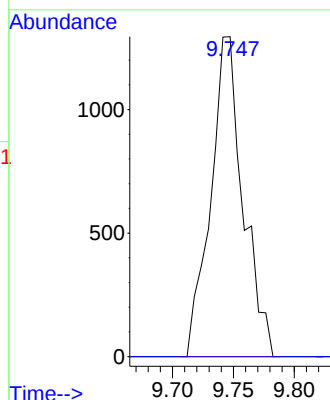
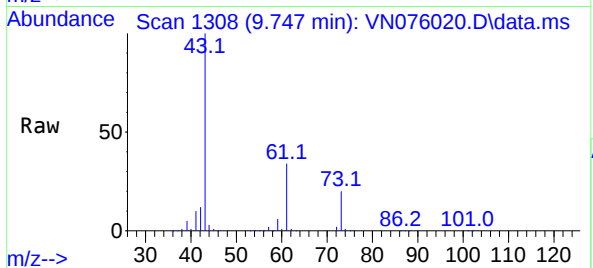




#45  
1,2-Dichloropropane  
Concen: 0.676 ug/l  
RT: 9.747 min Scan# 11  
Delta R.T. 0.124 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

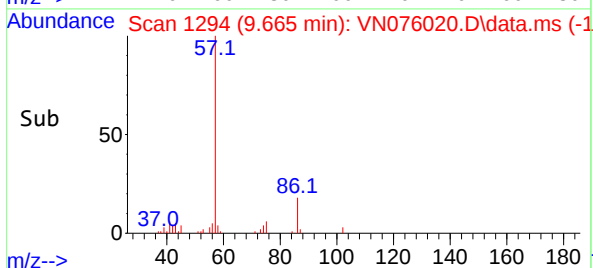
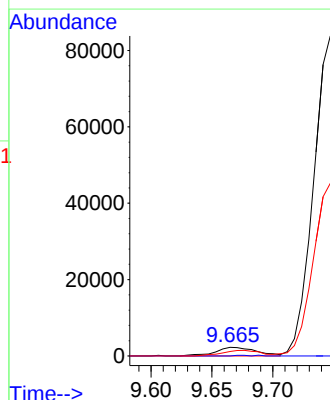
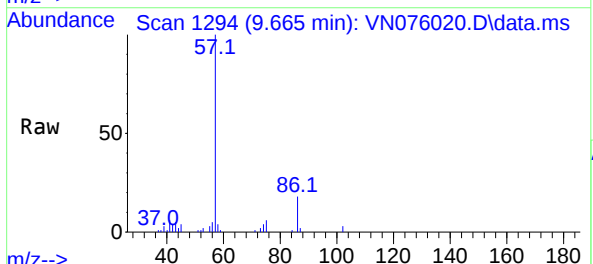
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

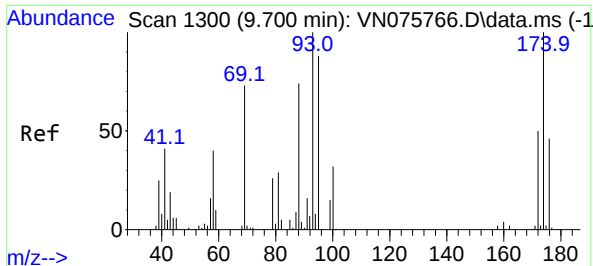
Tgt Ion: 63 Resp: 2397  
Ion Ratio Lower Upper  
63 100  
65 0.0 25.7 38.5#



#48  
Methyl methacrylate  
Concen: 1.883 ug/l  
RT: 9.665 min Scan# 1294  
Delta R.T. -0.018 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 41 Resp: 5310  
Ion Ratio Lower Upper  
41 100  
69 0.0 81.9 122.9#  
39 0.0 51.6 77.4#

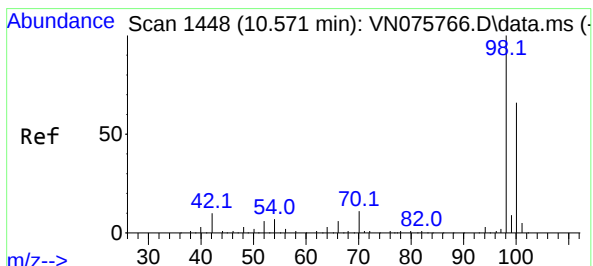
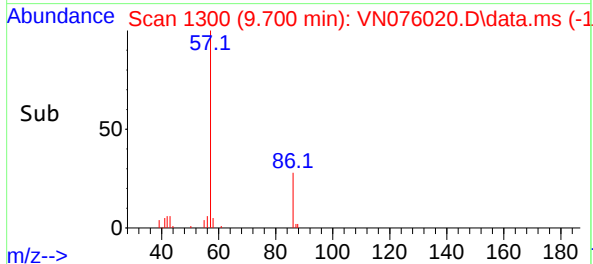
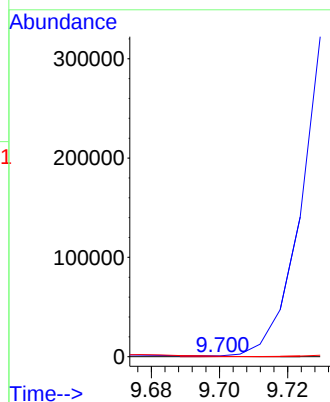
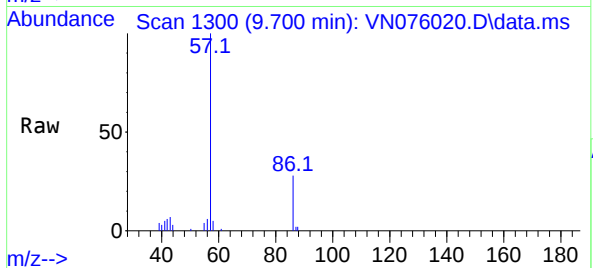




#49  
1,4-Dioxane  
Concen: 1.889 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

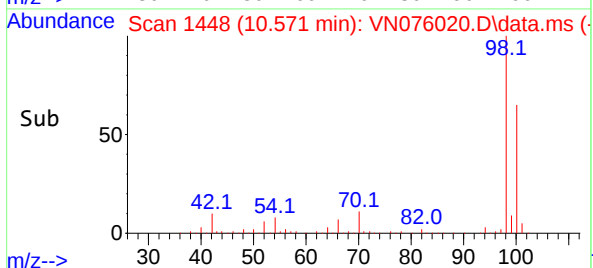
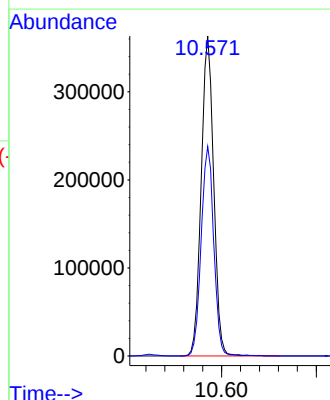
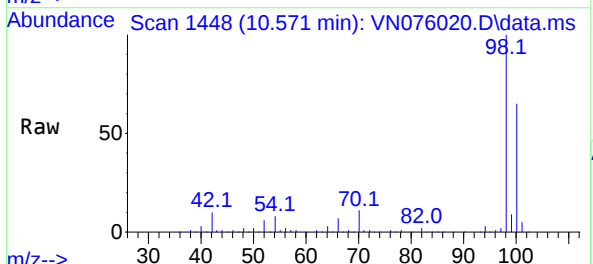
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

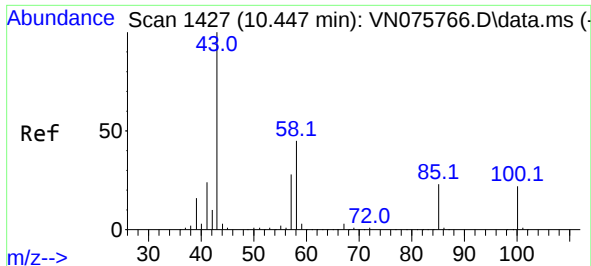
Tgt Ion: 88 Resp: 131  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.1 25.7#  
58 0.0 47.8 71.8#



#50  
Toluene-d8  
Concen: 49.740 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 98 Resp: 661607  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.1 78.1

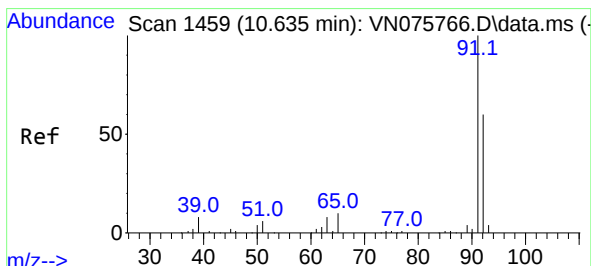
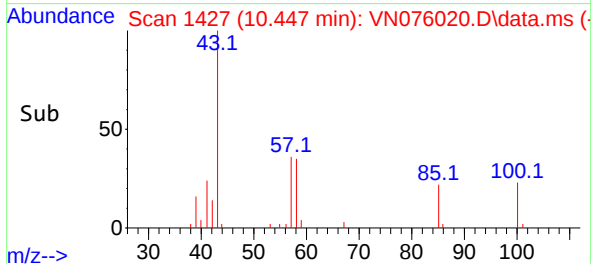
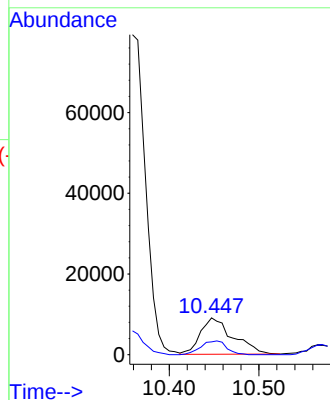
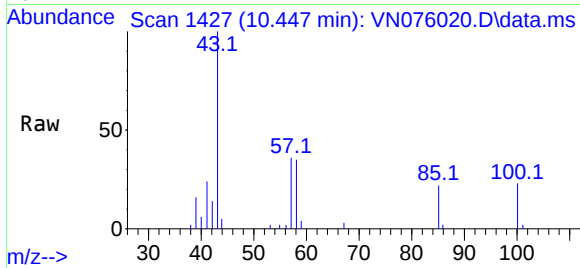




#51  
4-Methyl-2-Pentanone  
Concen: 6.021 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

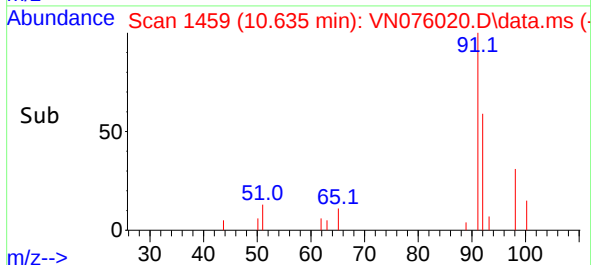
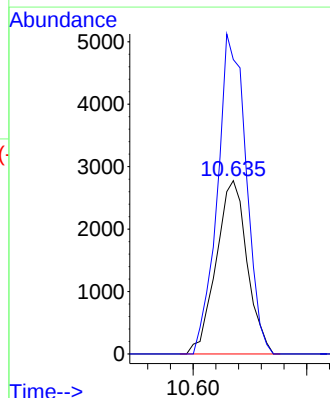
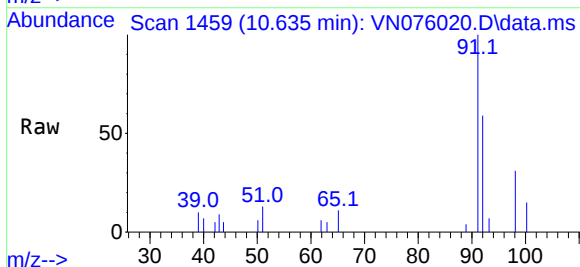
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

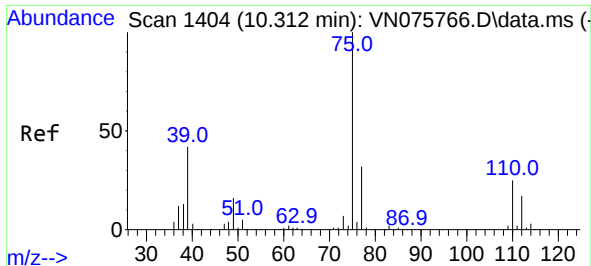
Tgt Ion: 43 Resp: 22801  
Ion Ratio Lower Upper  
43 100  
58 29.8 35.5 53.3#



#52  
Toluene  
Concen: 0.554 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 92 Resp: 5258  
Ion Ratio Lower Upper  
92 100  
91 171.2 137.3 205.9

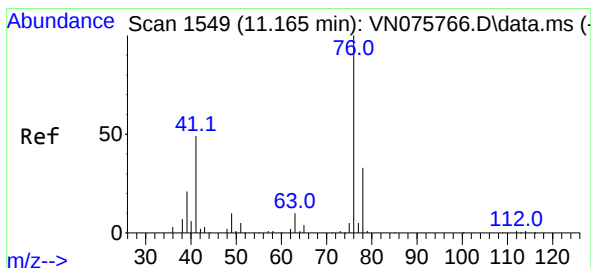
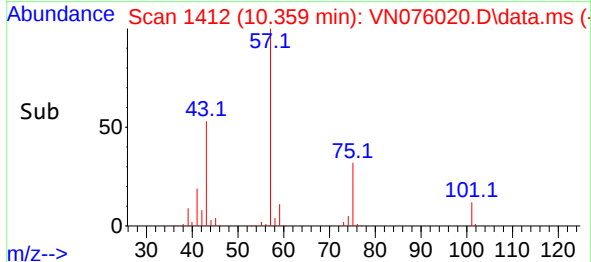
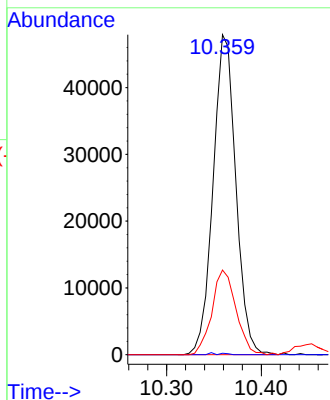
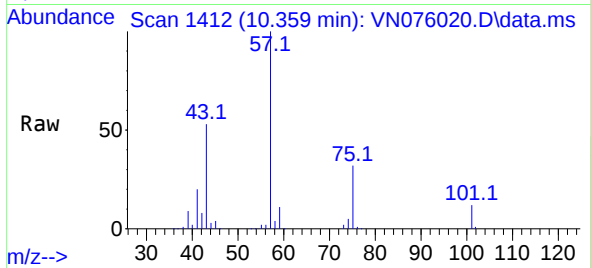




#54  
cis-1,3-Dichloropropene  
Concen: 14.407 ug/l  
RT: 10.359 min Scan# 1412  
Delta R.T. 0.047 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

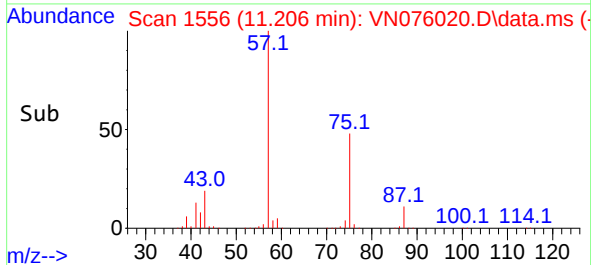
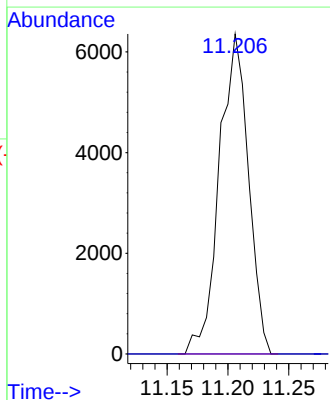
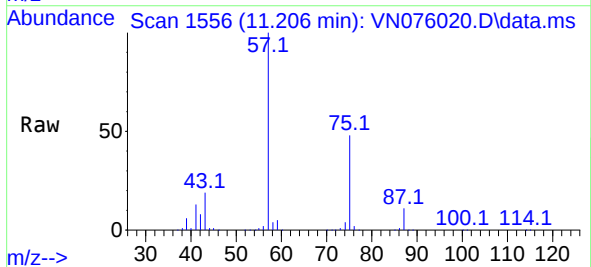
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MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

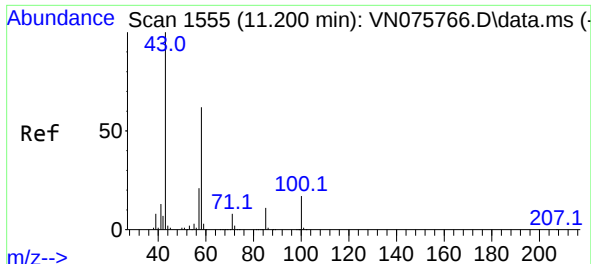
Tgt Ion: 75 Resp: 79912  
Ion Ratio Lower Upper  
75 100  
77 0.5 25.8 38.8#  
39 26.4 33.4 50.2#



#57  
1,3-Dichloropropane  
Concen: 1.730 ug/l  
RT: 11.206 min Scan# 1556  
Delta R.T. 0.041 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 76 Resp: 10578  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.2 39.2#

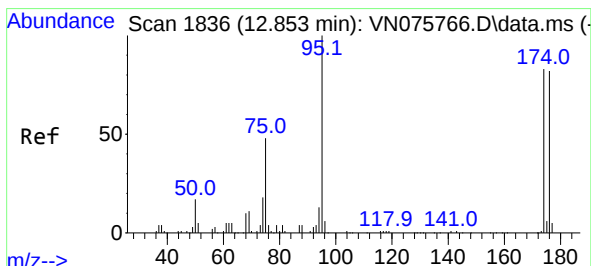
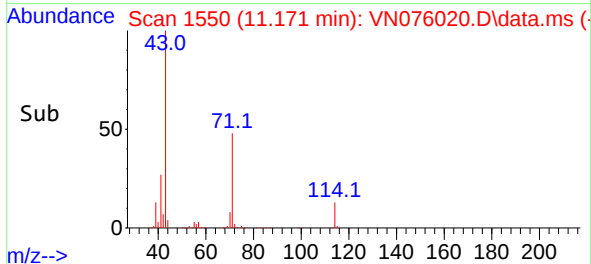
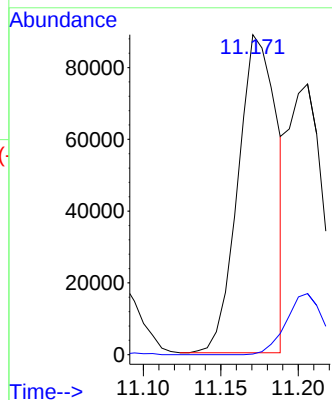
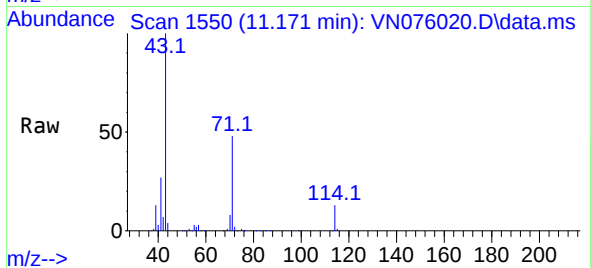




#59  
2-Hexanone  
Concen: 55.767 ug/l  
RT: 11.171 min Scan# 1550  
Delta R.T. -0.029 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

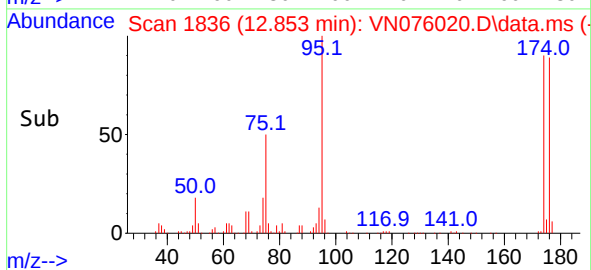
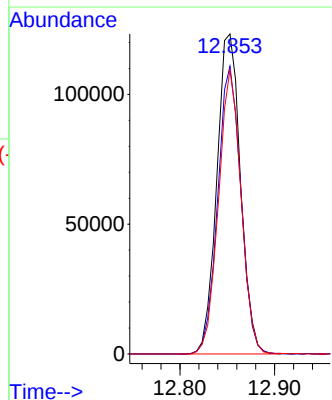
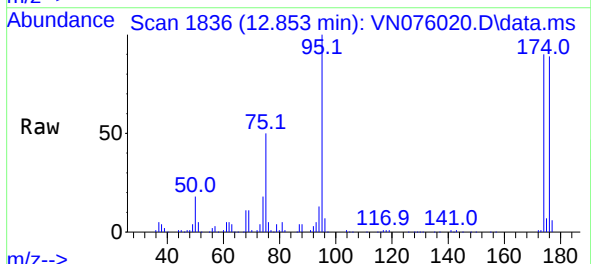
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

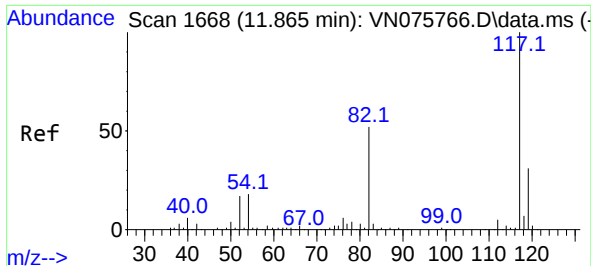
Tgt Ion: 43 Resp: 154009  
Ion Ratio Lower Upper  
43 100  
58 0.0 30.6 92.0#



#62  
4-Bromofluorobenzene  
Concen: 48.621 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 95 Resp: 214198  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 171.6  
176 84.6 0.0 169.2

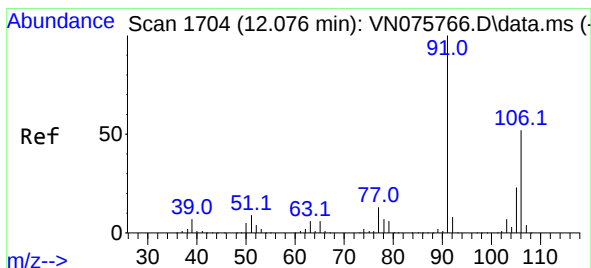
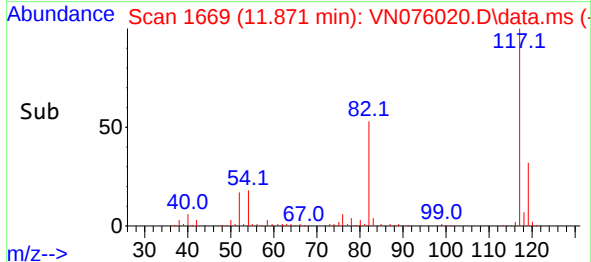
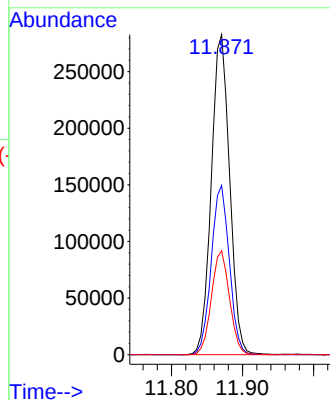
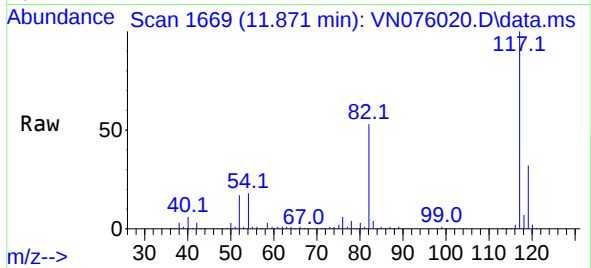




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

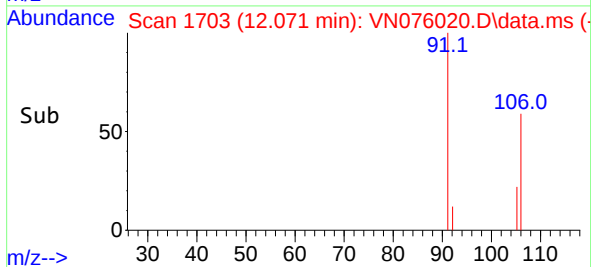
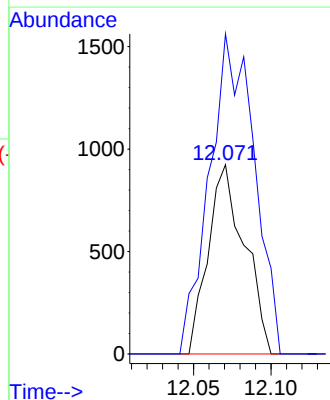
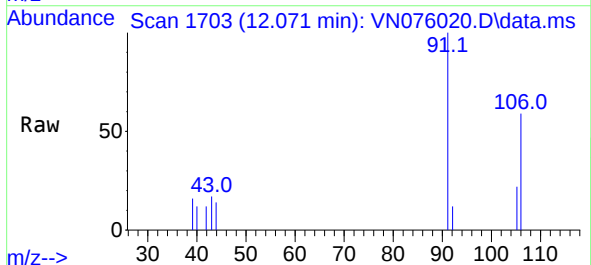
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

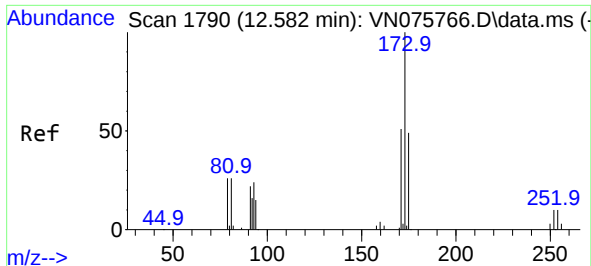
Tgt Ion:117 Resp: 506907  
Ion Ratio Lower Upper  
117 100  
82 52.9 41.3 61.9  
119 32.5 24.6 37.0



#68  
m/p-Xylenes  
Concen: 0.217 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion:106 Resp: 1508  
Ion Ratio Lower Upper  
106 100  
91 207.8 156.6 235.0

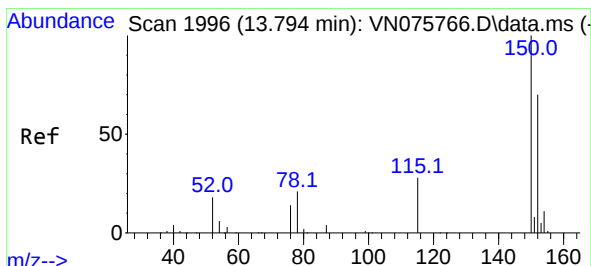
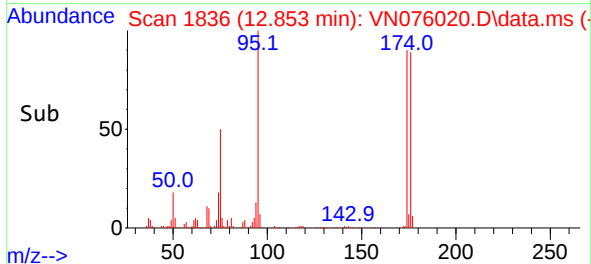
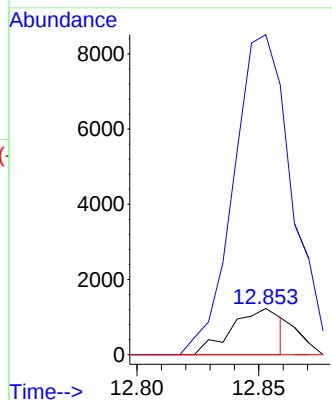
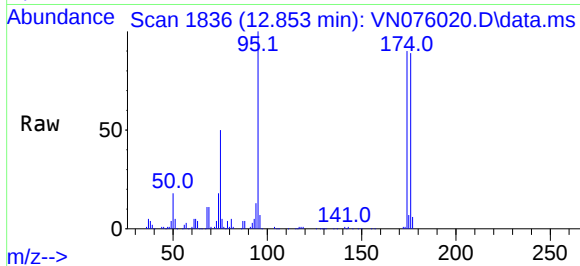




#71  
Bromoform  
Concen: 0.619 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.271 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

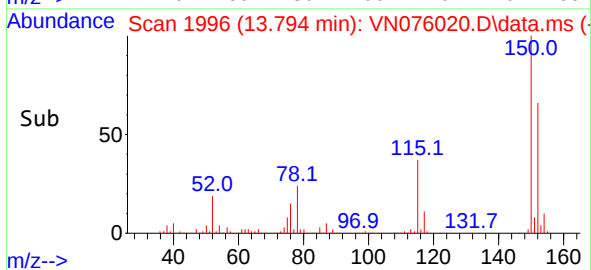
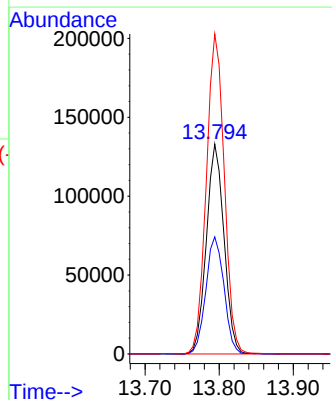
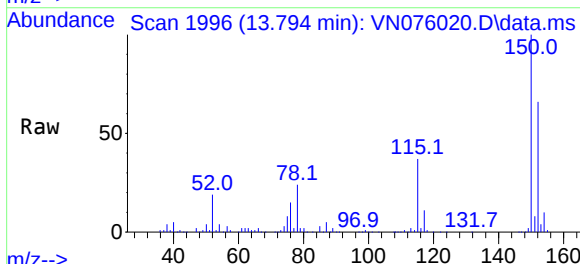
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

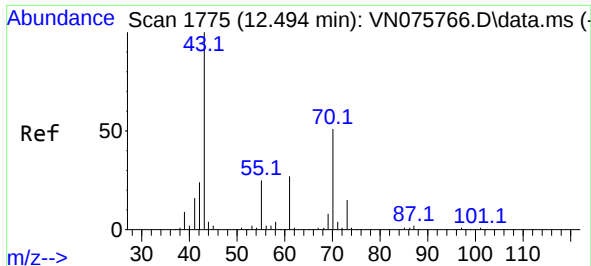
Tgt Ion:173 Resp: 1736  
Ion Ratio Lower Upper  
173 100  
175 674.3 24.3 72.8#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion:152 Resp: 220535  
Ion Ratio Lower Upper  
152 100  
115 57.3 29.1 87.4  
150 154.7 0.0 347.0

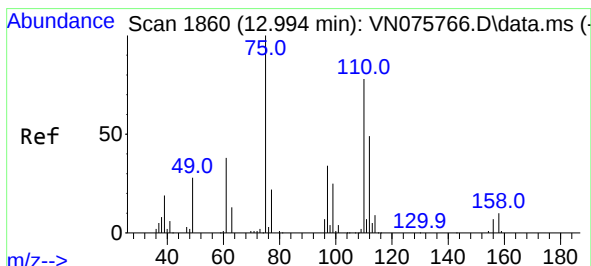
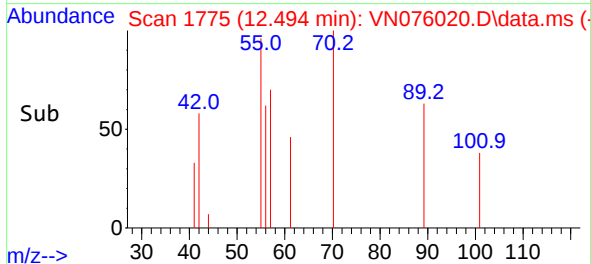
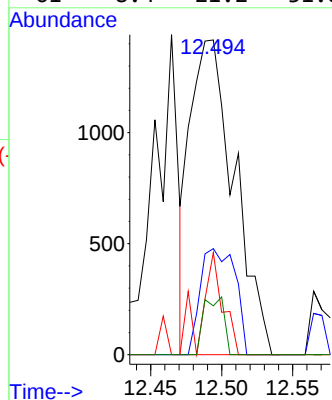
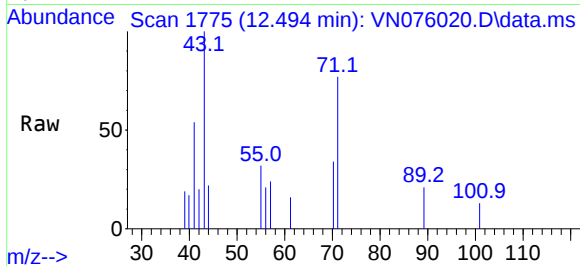




#74  
N-amy1 acetate  
Concen: 0.657 ug/l  
RT: 12.494 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

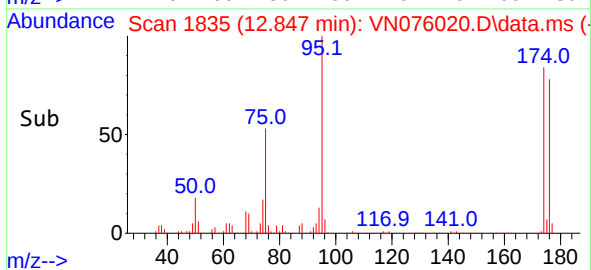
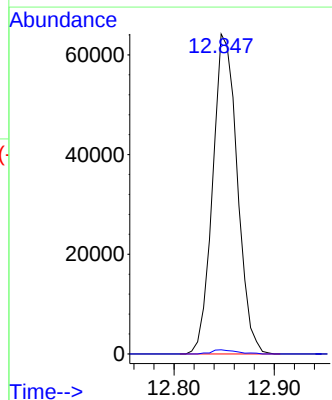
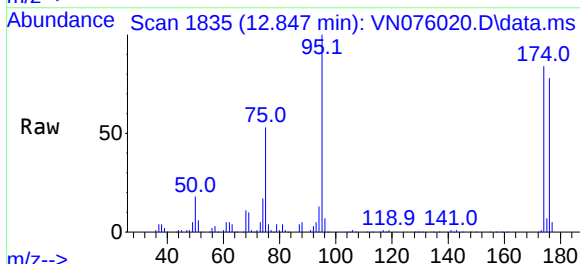
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

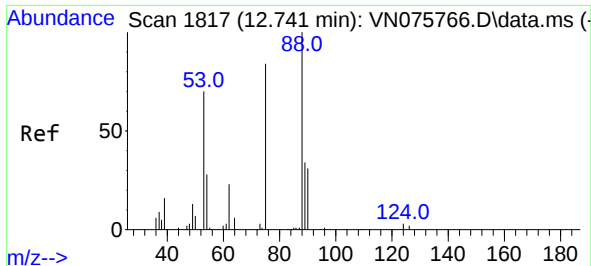
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 3073  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 26.5     | 41.4 62.0#  |
| 55 15.9     | 21.3 31.9#  |
| 61 8.4      | 21.2 31.8#  |



#76  
1,2,3-Trichloropropane  
Concen: 24.604 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.147 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

|             |       |        |  |
|-------------|-------|--------|--|
| Tgt Ion: 75 | Resp: | 109374 |  |
| Ion Ratio   | Lower | Upper  |  |
| 75 100      |       |        |  |
| 77 1.3      | 82.6  | 247.8# |  |

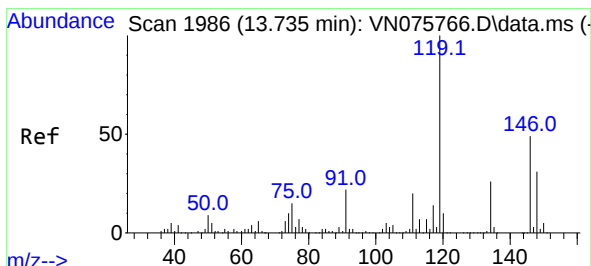
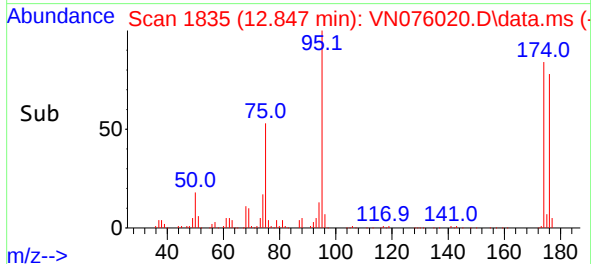
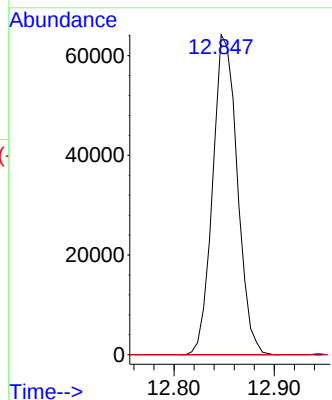
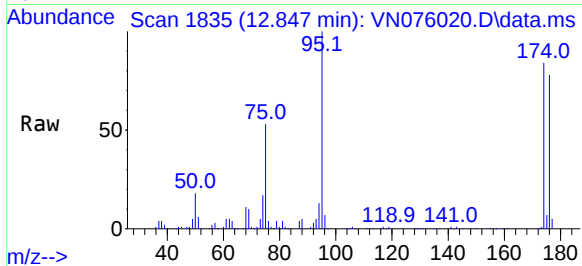




#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.561 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. 0.106 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

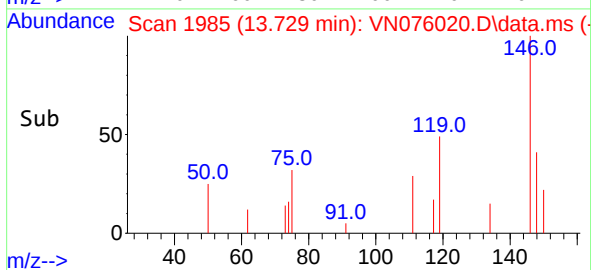
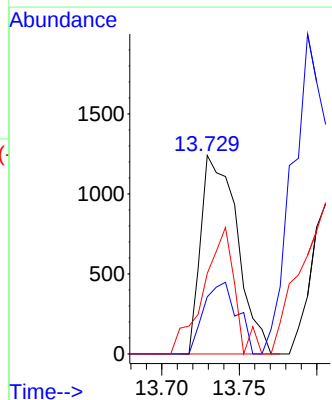
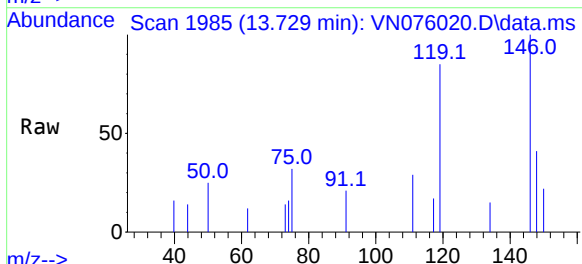
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

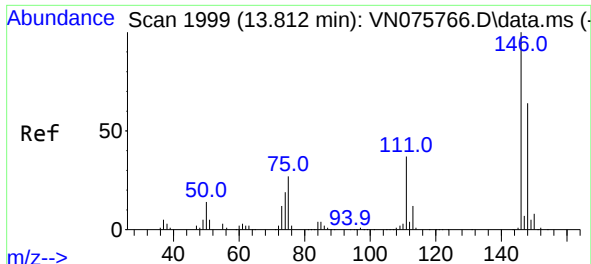
Tgt Ion: 75 Resp: 109374  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.8 110.6#  
89 0.0 39.5 59.3#



#87  
1,3-Dichlorobenzene  
Concen: 0.272 ug/l  
RT: 13.729 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion:146 Resp: 2025  
Ion Ratio Lower Upper  
146 100  
111 32.9 19.7 59.0  
148 54.6 31.4 94.2



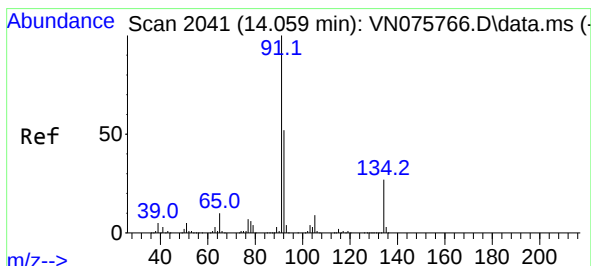
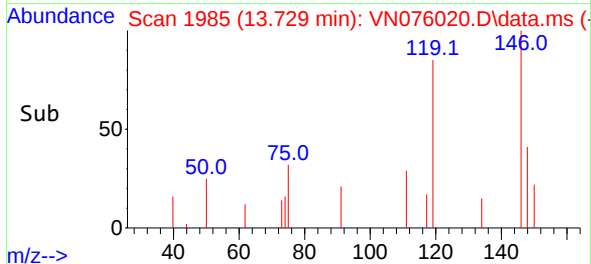
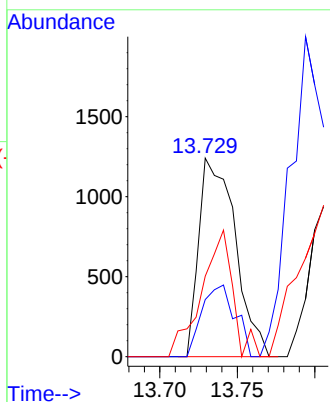
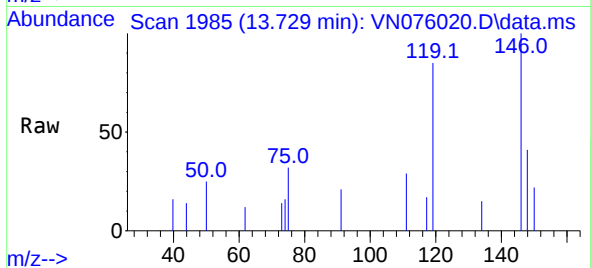


#88  
1,4-Dichlorobenzene  
Concen: 0.266 ug/l  
RT: 13.729 min Scan# 1999  
Delta R.T. -0.082 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

Tgt Ion:146 Resp: 2025

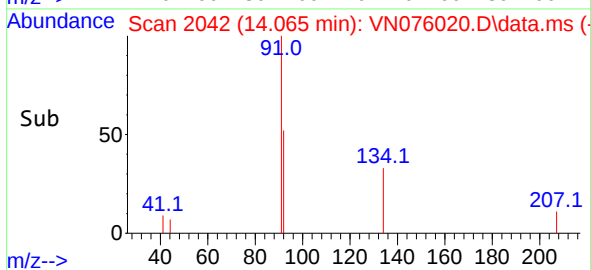
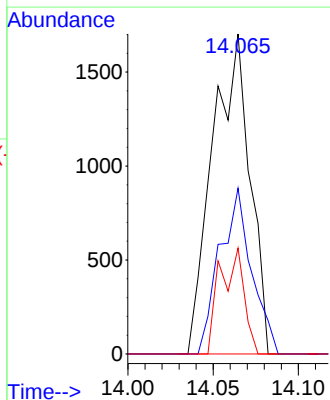
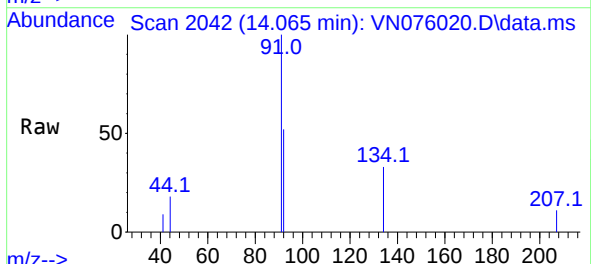
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 32.9  | 19.1  | 57.1  |
| 148 | 54.6  | 32.0  | 96.2  |

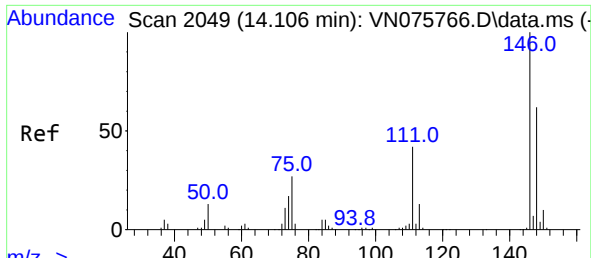


#89  
n-Butylbenzene  
Concen: 0.238 ug/l  
RT: 14.065 min Scan# 2042  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion: 91 Resp: 2599

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 44.1  | 26.4  | 79.2  |
| 134 | 21.2  | 13.4  | 40.2  |

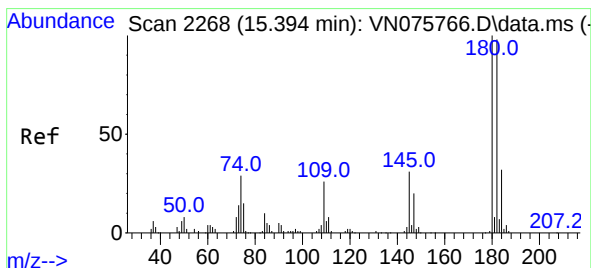
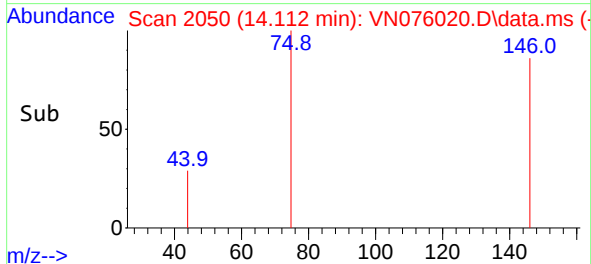
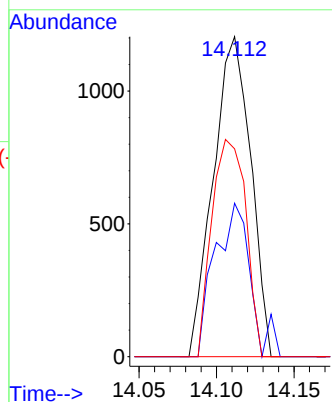
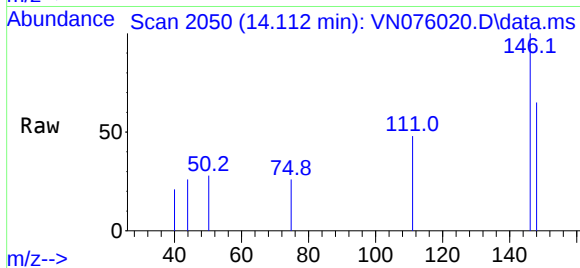




#91  
1,2-Dichlorobenzene  
Concen: 0.276 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

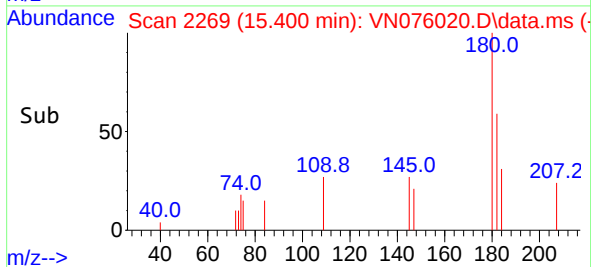
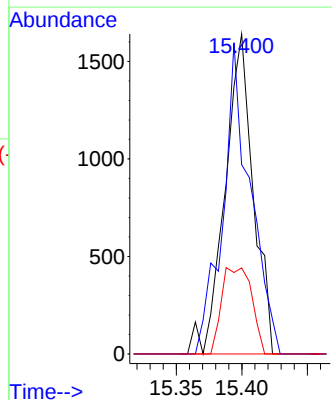
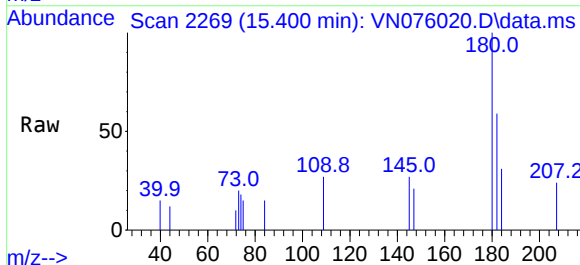
Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

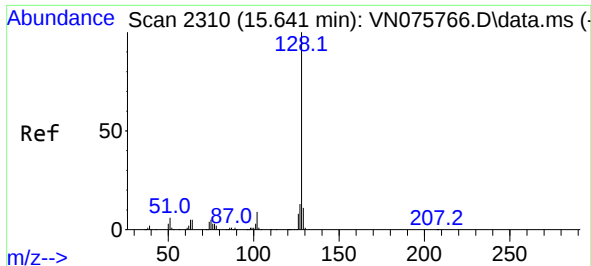
Tgt Ion:146 Resp: 2024  
Ion Ratio Lower Upper  
146 100  
111 45.6 20.3 61.0  
148 61.8 31.7 95.1



#93  
1,2,4-Trichlorobenzene  
Concen: 0.675 ug/l  
RT: 15.400 min Scan# 2269  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Tgt Ion:180 Resp: 2451  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.5 142.5  
145 28.8 15.3 45.8

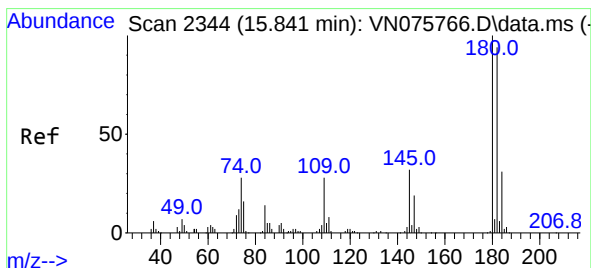
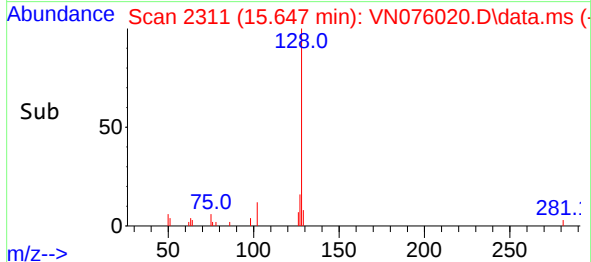
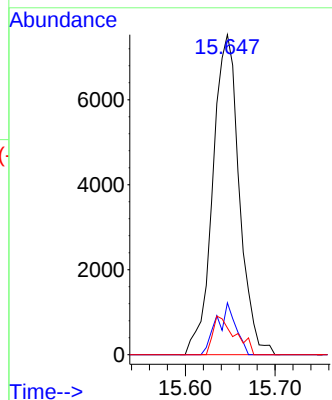
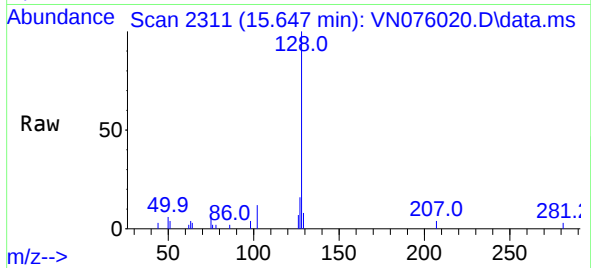




#95  
Naphthalene  
Concen: 3.408 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
PB149923ZHE#01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 15444 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 11.7  | 10.4  | 15.6  |
| 129      | 10.0  | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 0.687 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN076020.D  
Acq: 29 Dec 2022 00:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2332  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 112.8 | 47.0  | 141.0 |
| 145      | 38.8  | 16.0  | 47.9  |

