

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032822\  
 Data File : VN071600.D  
 Acq On : 28 Mar 2022 13:01  
 Operator : JC\MD  
 Sample : N2131-02DL 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Mar 29 04:37:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-------------|--------|----------|
| -----                         |        |       |          |             |        |          |
| Internal Standards            |        |       |          |             |        |          |
| 1) Pentafluorobenzene         | 8.080  | 168   | 731977   | 50.000      | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963  | 114   | 1209855  | 50.000      | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739 | 117   | 1171547  | 50.000      | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668 | 152   | 464161   | 50.000      | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |             |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433  | 65    | 411461   | 45.245      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery    | =      | 90.480%  |
| 35) Dibromofluoromethane      | 8.022  | 113   | 342192   | 45.004      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery    | =      | 90.000%  |
| 50) Toluene-d8                | 10.433 | 98    | 1471095  | 47.967      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery    | =      | 95.940%  |
| 62) 4-Bromofluorobenzene      | 12.727 | 95    | 515669   | 51.315      | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery    | =      | 102.620% |
| Target Compounds              |        |       |          |             |        |          |
|                               |        |       |          |             | Qvalue |          |
| 3) Chloromethane              | 2.304  | 50    | 1863     | Below Cal   |        | 89       |
| 5) Bromomethane               | 2.887  | 94    | 2474     | 0.455 ug/l  | #      | 74       |
| 13) Acrolein                  | 4.028  | 56    | 343      | 0.265 ug/l  | #      | 16       |
| 15) Acrylonitrile             | 5.557  | 53    | 1099     | 0.239 ug/l  | #      | 35       |
| 16) Acetone                   | 4.287  | 43    | 3415     | 0.916 ug/l  |        | 89       |
| 18) Methyl Acetate            | 4.863  | 43    | 8402     | Below Cal   |        | 99       |
| 25) 2-Butanone                | 7.345  | 43    | 1549     | 0.259 ug/l  |        | 95       |
| 29) Tetrahydrofuran           | 7.704  | 42    | 1312     | 0.330 ug/l  | #      | 41       |
| 31) Cyclohexane               | 8.086  | 56    | 19495    | 1.498 ug/l  | #      | 43       |
| 36) 1,1-Dichloropropene       | 8.080  | 75    | 50928    | 4.645 ug/l  | #      | 48       |
| 38) Carbon Tetrachloride      | 8.080  | 117   | 65859    | 6.163 ug/l  | #      | 17       |
| 39) Methylcyclohexane         | 9.457  | 83    | 7008     | 0.521 ug/l  |        | 95       |
| 40) Benzene                   | 8.457  | 78    | 10667    | 0.313 ug/l  | #      | 88       |
| 43) Isopropyl Acetate         | 8.575  | 43    | 12622    | 0.255 ug/l  | #      | 53       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43    | 4153     | 0.347 ug/l  | #      | 82       |
| 52) Toluene                   | 10.498 | 92    | 223683   | 10.473 ug/l |        | 98       |
| 55) 1,1,2-Trichloroethane     | 10.869 | 97    | 1879     | 0.217 ug/l  | #      | 22       |
| 59) 2-Hexanone                | 11.080 | 43    | 8251     | 0.957 ug/l  |        | 83       |
| 67) Ethyl Benzene             | 11.839 | 91    | 521816   | 12.229 ug/l |        | 99       |
| 68) m/p-Xylenes               | 11.945 | 106   | 579673   | 35.502 ug/l |        | 100      |
| 69) o-Xylene                  | 12.274 | 106   | 188440   | 11.617 ug/l |        | 98       |
| 70) Styrene                   | 12.274 | 104   | 11982    | 0.474 ug/l  | #      | 1        |
| 73) Isopropylbenzene          | 12.574 | 105   | 50623    | 1.237 ug/l  |        | 99       |
| 74) N-amyl acetate            | 12.380 | 43    | 4500     | 0.342 ug/l  |        | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83    | 1156     | Below Cal   | #      | 94       |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75    | 256301   | 24.763 ug/l | #      | 1        |
| 78) n-propylbenzene           | 12.915 | 91    | 142944   | 3.283 ug/l  |        | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105   | 194030   | 6.007 ug/l  |        | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.727 | 75    | 256301   | 66.297 ug/l | #      | 10       |
| 83) tert-Butylbenzene         | 13.363 | 119   | 122467   | 4.200 ug/l  | #      | 64       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105   | 1011361  | 32.445 ug/l |        | 100      |
| 85) sec-Butylbenzene          | 13.363 | 105   | 1011361  | 26.166 ug/l | #      | 56       |
| 86) p-Isopropyltoluene        | 13.557 | 119   | 13127    | 0.426 ug/l  |        | 93       |
| 89) n-Butylbenzene            | 13.933 | 91    | 16876    | 0.715 ug/l  | #      | 78       |
| 90) Hexachloroethane          | 14.215 | 117   | 10408    | 1.731 ug/l  | #      | 9        |
| 91) 1,2-Dichlorobenzene       | 13.992 | 146   | 3515     | 0.222 ug/l  |        | 97       |

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 Sample : N2131-02DL 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

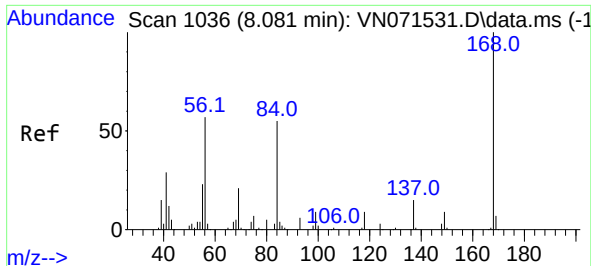
Quant Time: Mar 29 04:37:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.604 | 75   | 591      | 0.244 | ug/l  | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.256 | 180  | 6200     | 0.844 | ug/l  | 94       |
| 95) Naphthalene               | 15.504 | 128  | 101247   | 7.225 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.692 | 180  | 7067     | 0.969 | ug/l  | 95       |

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

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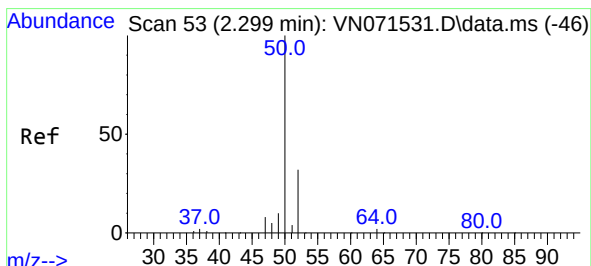
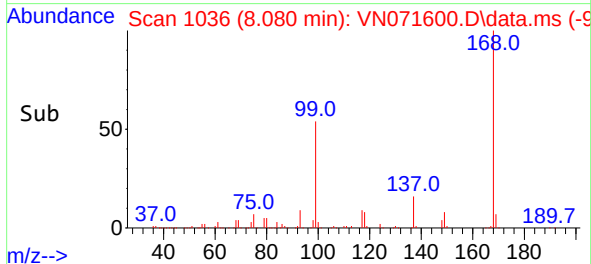
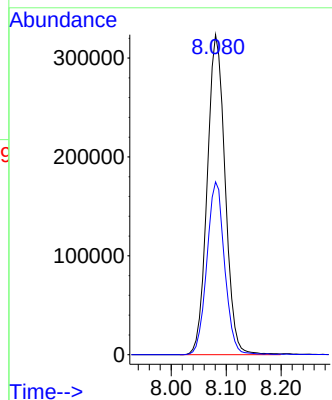
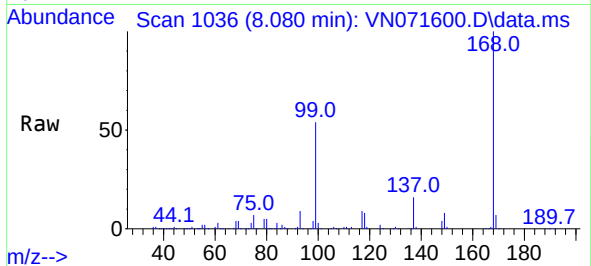




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

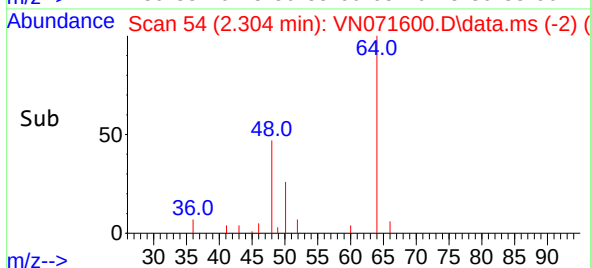
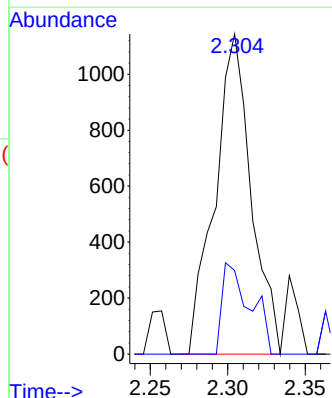
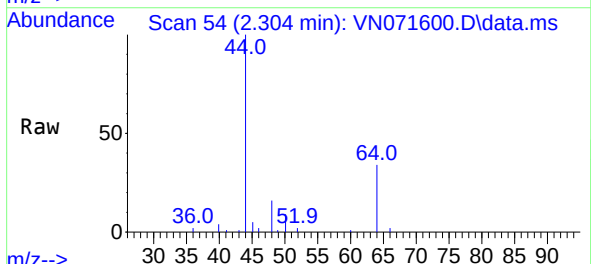
Instrument :  
MSVOA\_N  
ClientSampleId :

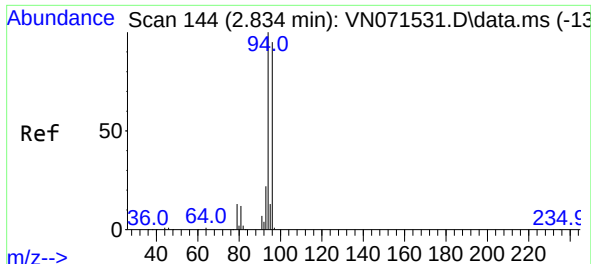
Tgt Ion:168 Resp: 731977  
Ion Ratio Lower Upper  
168 100  
99 54.0 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.304 min Scan# 54  
Delta R.T. 0.005 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 50 Resp: 1863  
Ion Ratio Lower Upper  
50 100  
52 26.1 25.7 38.5

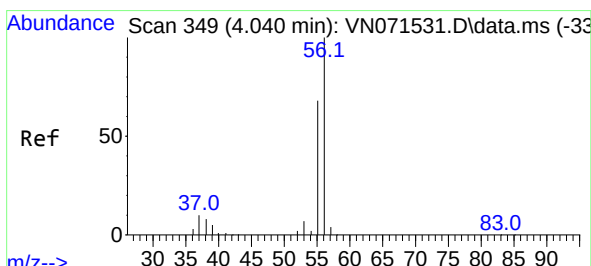
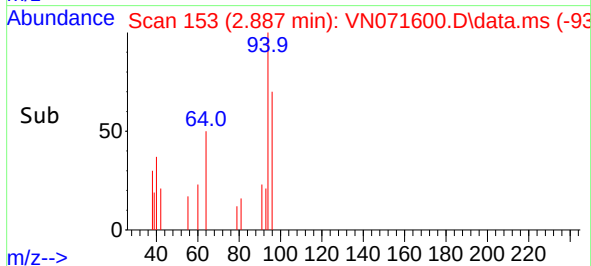
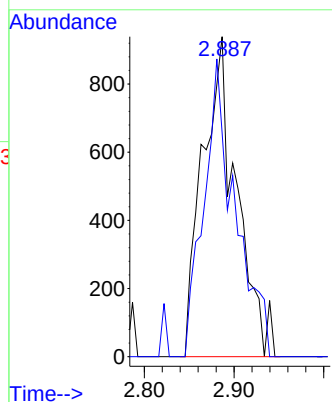
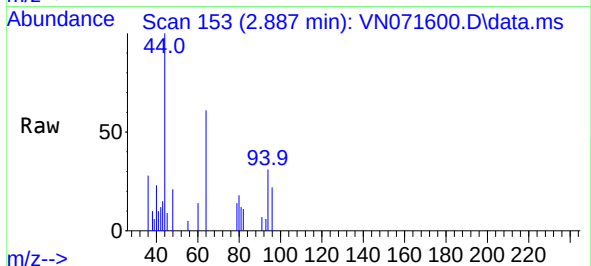




#5  
Bromomethane  
Concen: 0.455 ug/l  
RT: 2.887 min Scan# 11  
Delta R.T. 0.053 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

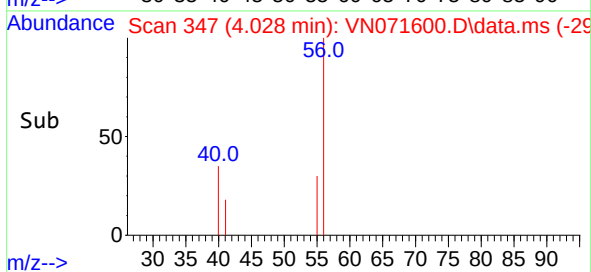
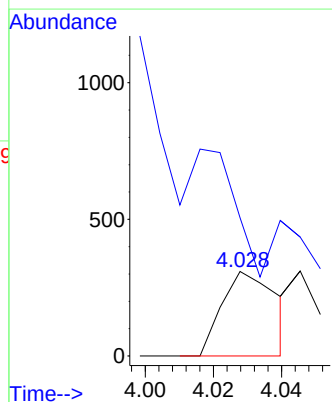
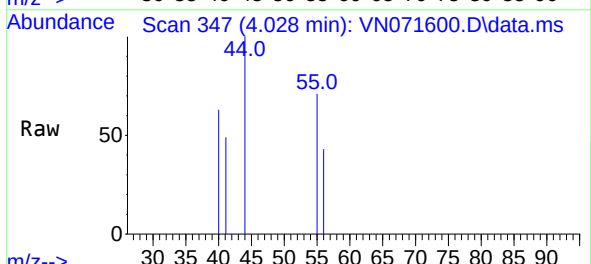
Instrument :  
MSVOA\_N  
ClientSampleId :

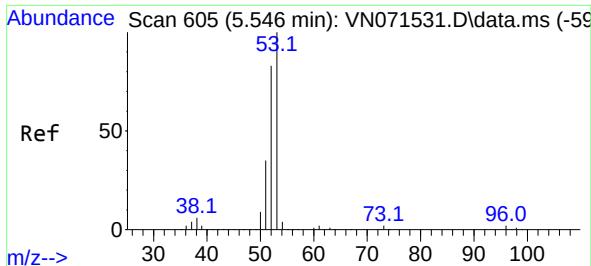
Tgt Ion: 94 Resp: 2474  
Ion Ratio Lower Upper  
94 100  
96 70.0 76.0 114.0#



#13  
Acrolein  
Concen: 0.265 ug/l  
RT: 4.028 min Scan# 347  
Delta R.T. -0.012 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

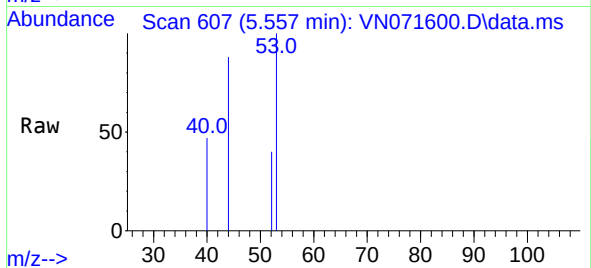
Tgt Ion: 56 Resp: 343  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.8 82.2#



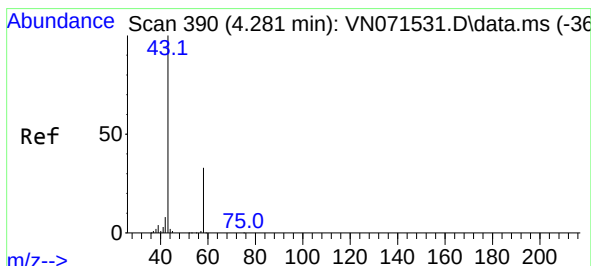
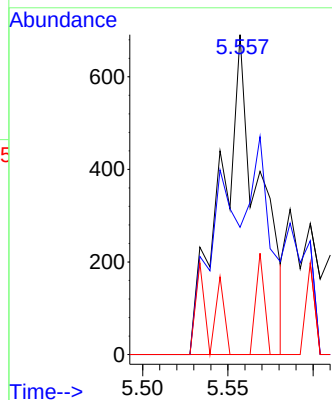
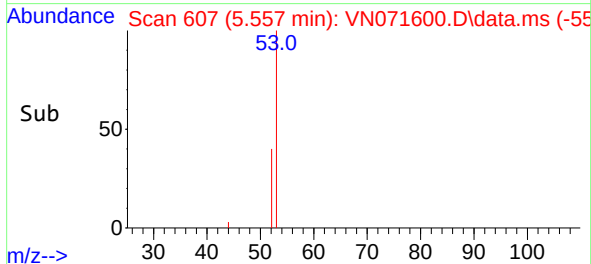


#15  
Acrylonitrile  
Concen: 0.239 ug/l  
RT: 5.557 min Scan# 605  
Delta R.T. 0.011 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

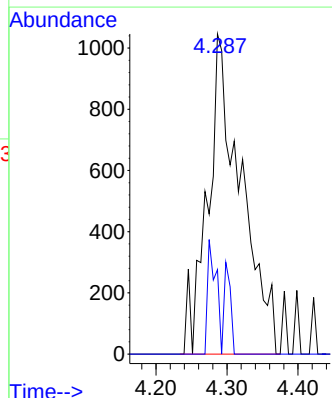
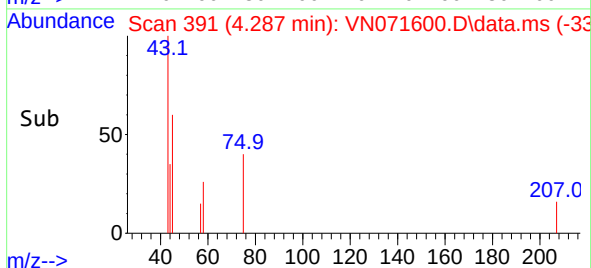
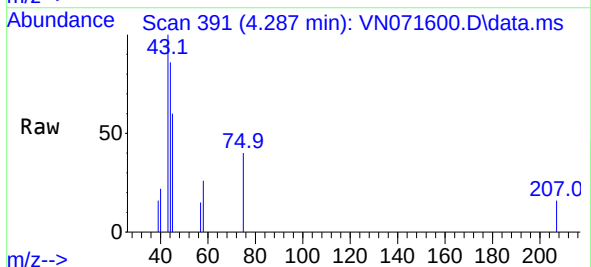


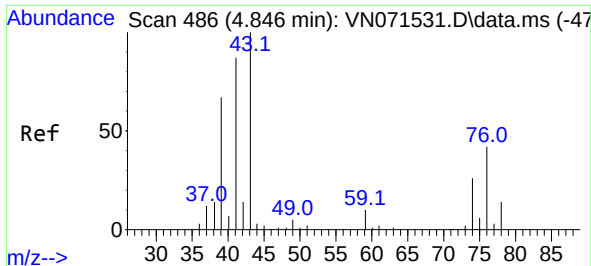
Tgt Ion: 53 Resp: 1099  
Ion Ratio Lower Upper  
53 100  
52 18.8 66.4 99.6#  
51 7.0 28.5 42.7#



#16  
Acetone  
Concen: 0.916 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

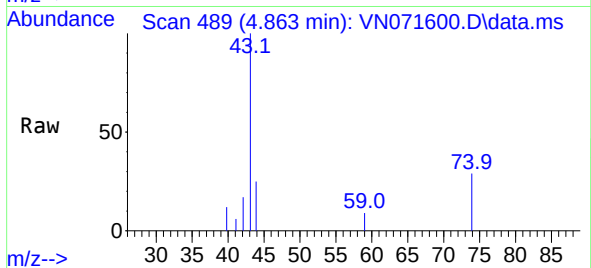
Tgt Ion: 43 Resp: 3415  
Ion Ratio Lower Upper  
43 100  
58 26.4 26.0 39.0



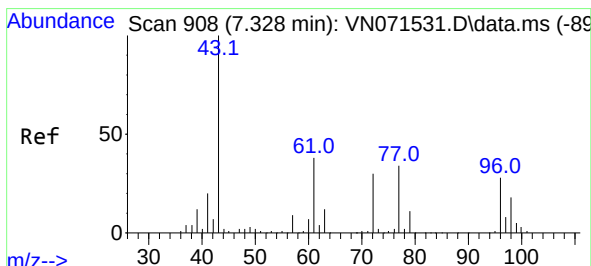
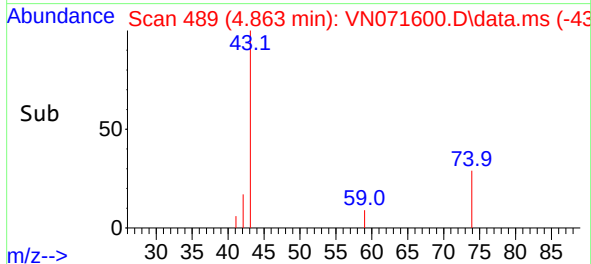
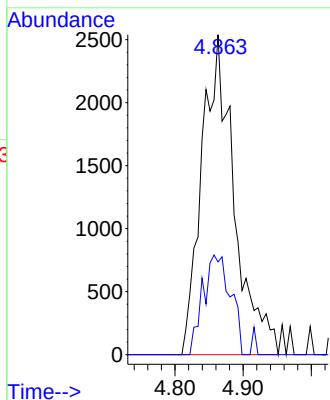


#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.863 min Scan# 41  
Delta R.T. 0.017 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

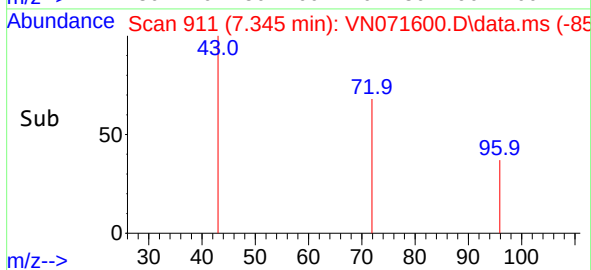
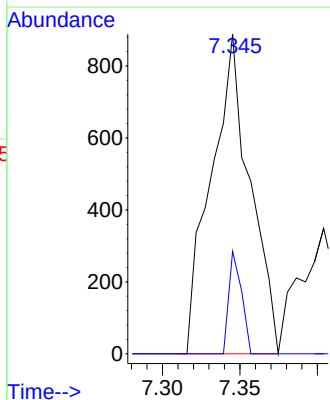
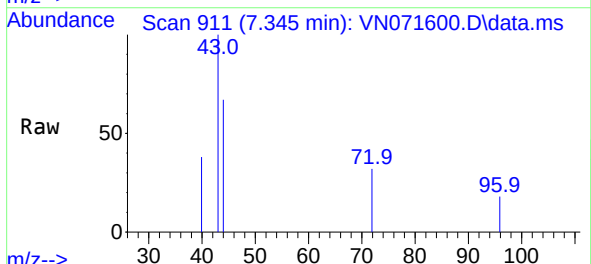


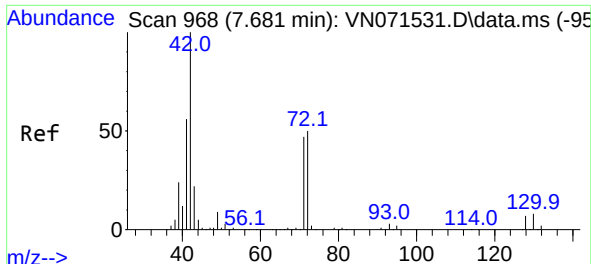
Tgt Ion: 43 Resp: 8402  
Ion Ratio Lower Upper  
43 100  
74 26.5 21.6 32.4



#25  
2-Butanone  
Concen: 0.259 ug/l  
RT: 7.345 min Scan# 911  
Delta R.T. 0.017 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

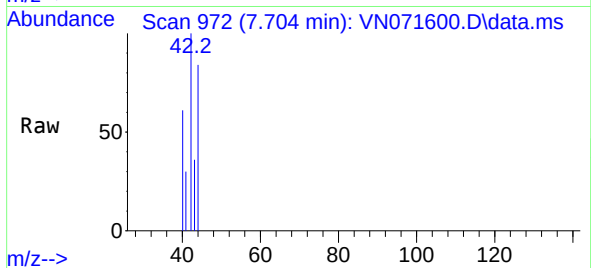
Tgt Ion: 43 Resp: 1549  
Ion Ratio Lower Upper  
43 100  
72 32.1 23.7 35.5



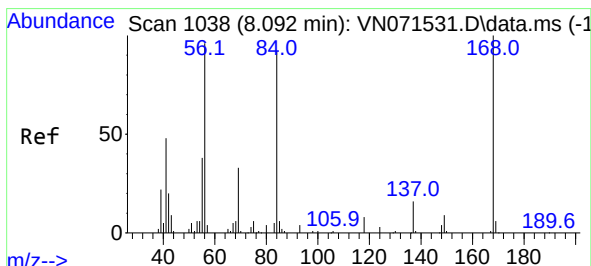
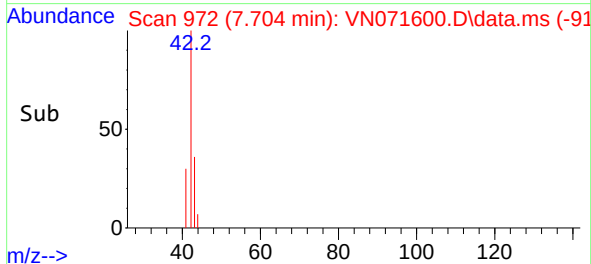
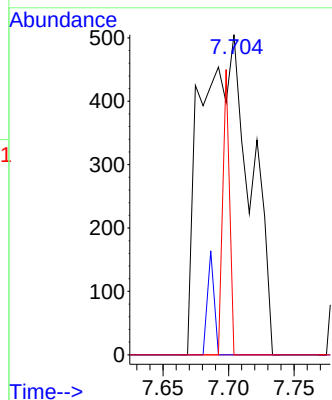


#29  
Tetrahydrofuran  
Concen: 0.330 ug/l  
RT: 7.704 min Scan# 91  
Delta R.T. 0.023 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
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ClientSampleId :

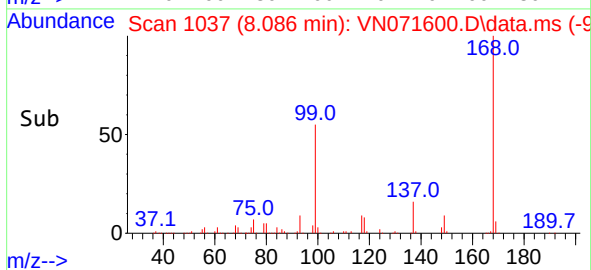
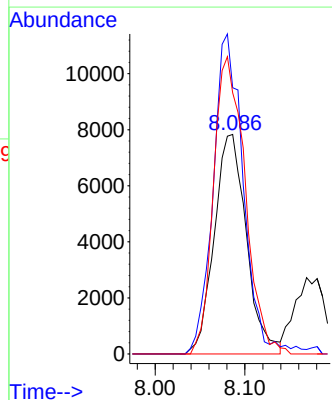
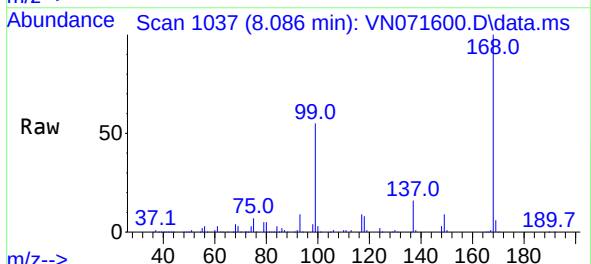


Tgt Ion: 42 Resp: 1312  
Ion Ratio Lower Upper  
42 100  
72 4.4 39.7 59.5#  
71 12.1 36.6 55.0#

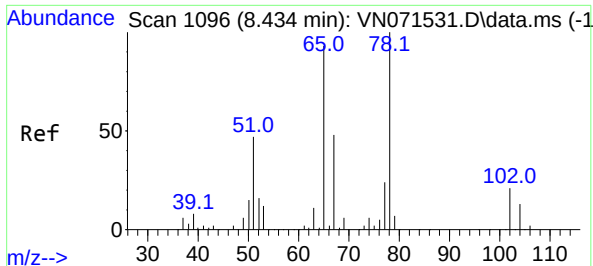


#31  
Cyclohexane  
Concen: 1.498 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 56 Resp: 19495  
Ion Ratio Lower Upper  
56 100  
69 121.4 27.8 41.8#  
84 119.0 76.9 115.3#







#33

1,2-Dichloroethane-d4

Concen: 45.245 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

Instrument :

MSVOA\_N

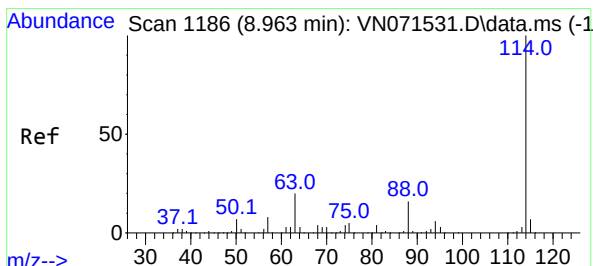
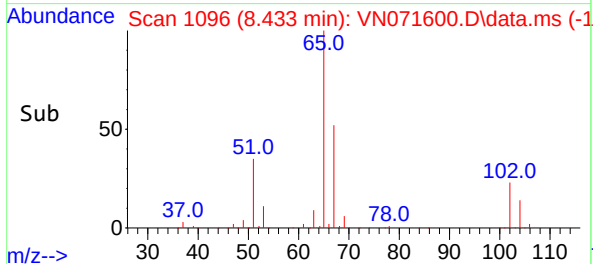
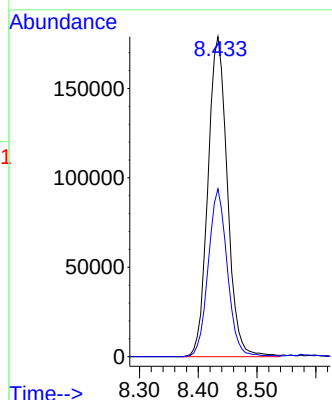
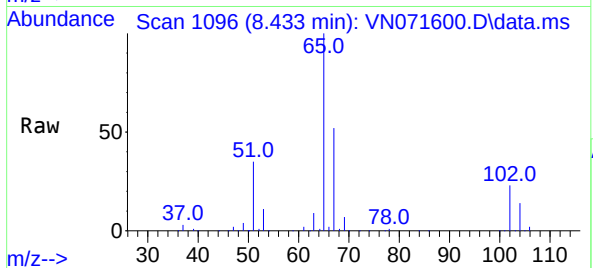
ClientSampleId :

Tgt Ion: 65 Resp: 411461

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

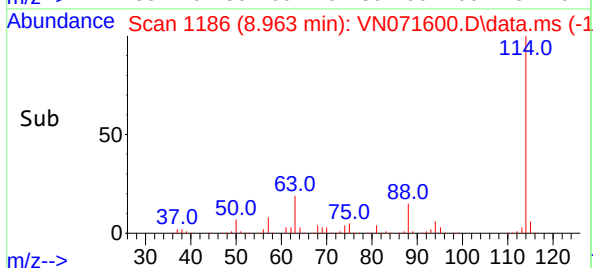
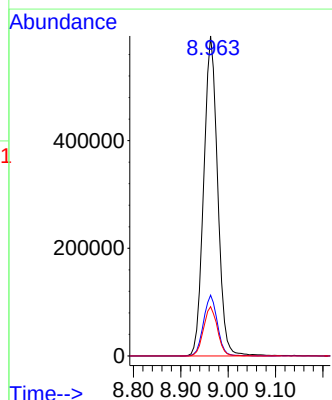
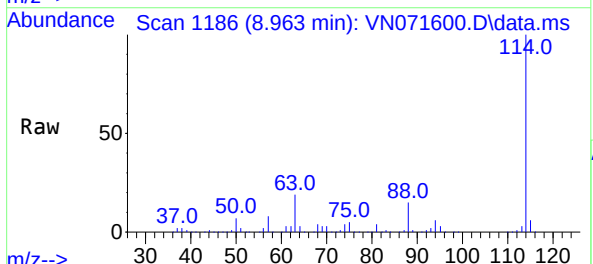
Tgt Ion: 114 Resp: 1209855

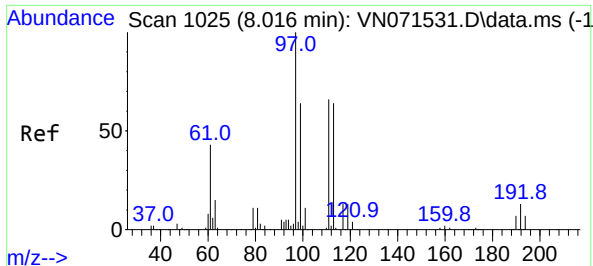
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.004 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

Instrument :

MSVOA\_N

ClientSampleId :

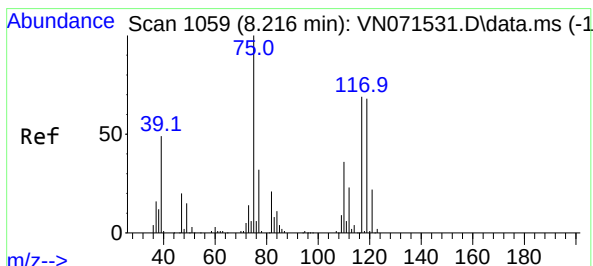
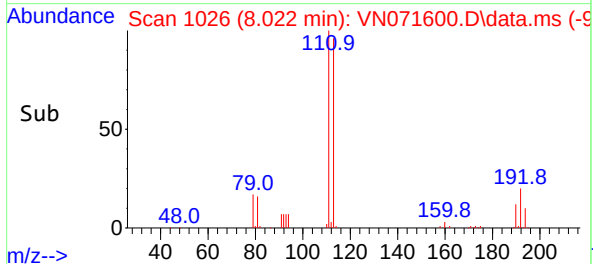
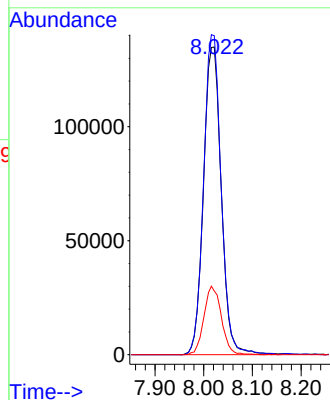
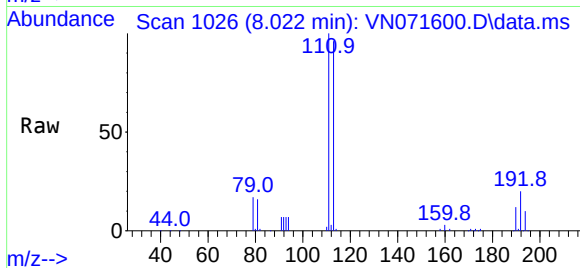
Tgt Ion:113 Resp: 342192

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 21.8 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

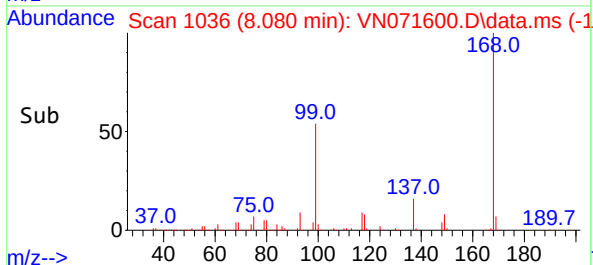
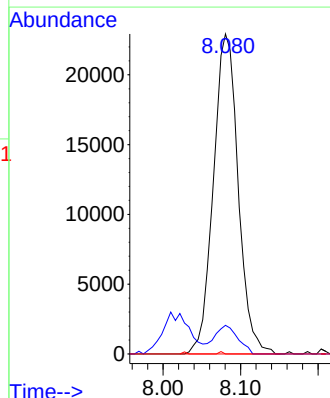
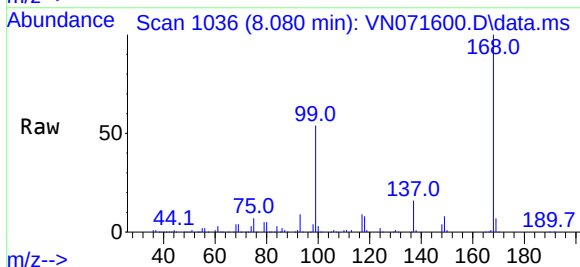
Tgt Ion: 75 Resp: 50928

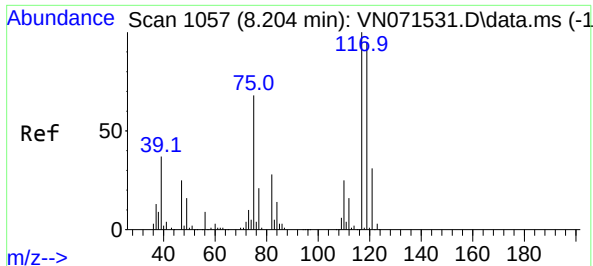
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

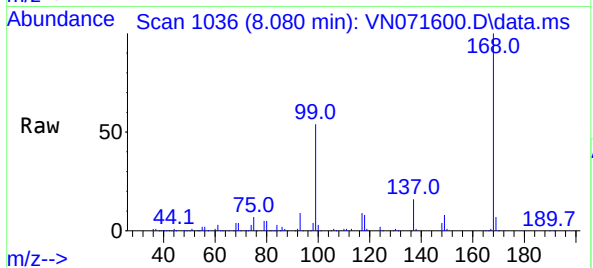
77 0.0 25.1 37.7#



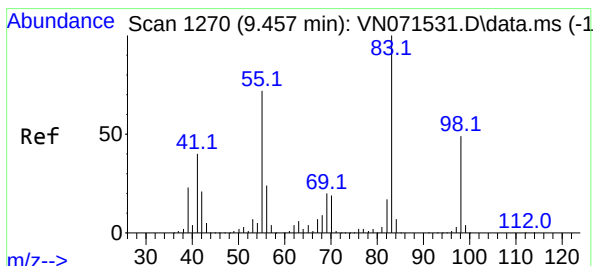
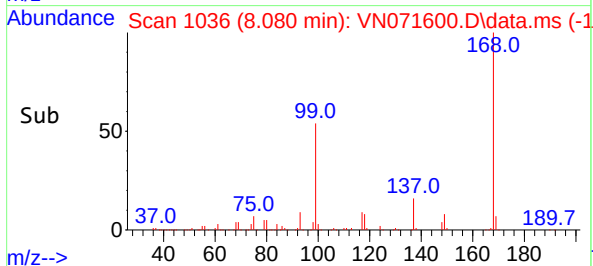
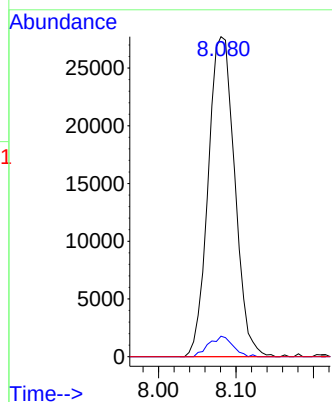


#38  
Carbon Tetrachloride  
Concen: 6.163 ug/l  
RT: 8.080 min Scan# 1057  
Delta R.T. -0.124 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

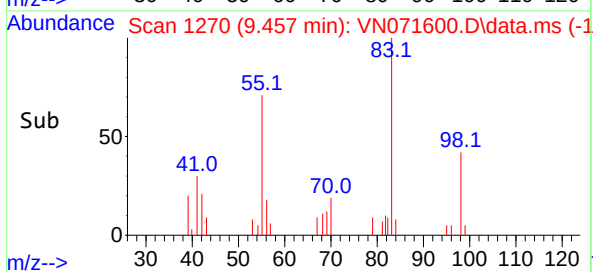
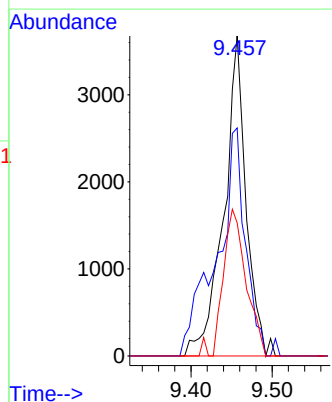
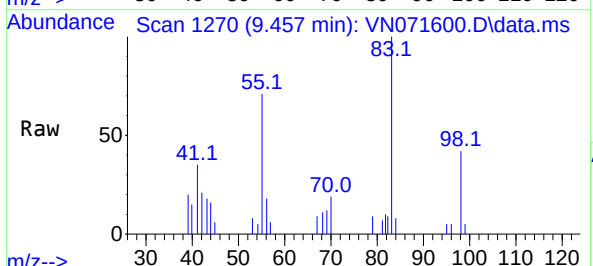


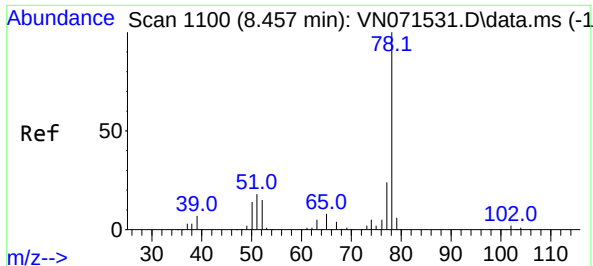
Tgt Ion:117 Resp: 65859  
Ion Ratio Lower Upper  
117 100  
119 6.4 75.8 113.8#  
121 0.0 24.6 37.0#



#39  
Methylcyclohexane  
Concen: 0.521 ug/l  
RT: 9.457 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 83 Resp: 7008  
Ion Ratio Lower Upper  
83 100  
55 71.2 57.8 86.8  
98 41.6 39.4 59.2

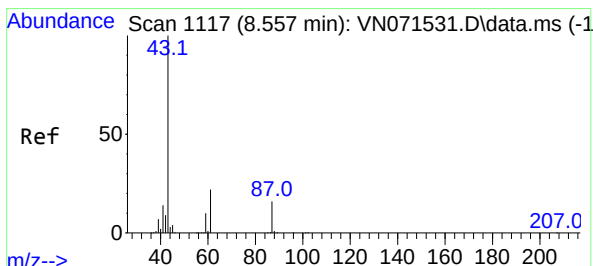
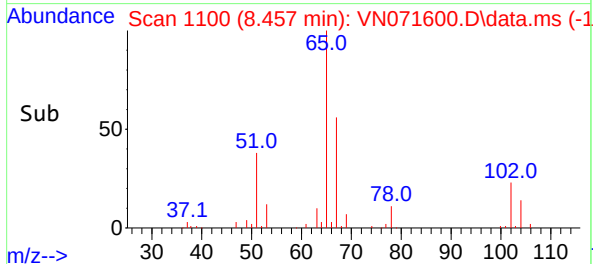
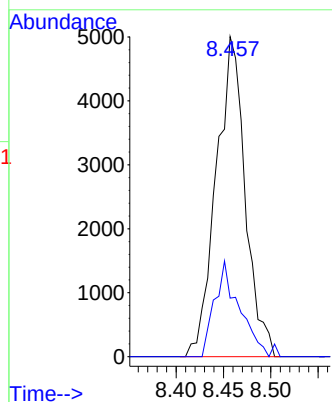
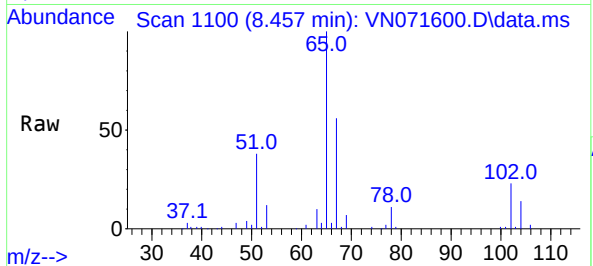




#40  
Benzene  
Concen: 0.313 ug/l  
RT: 8.457 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

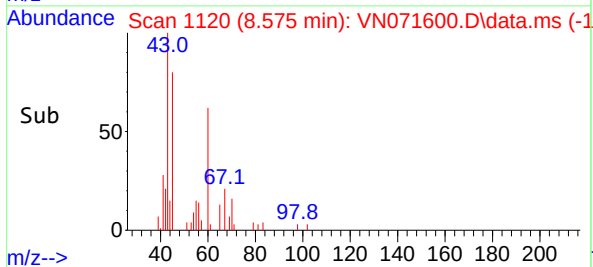
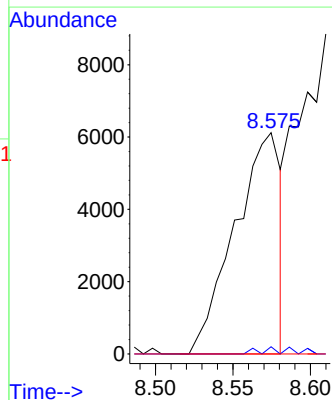
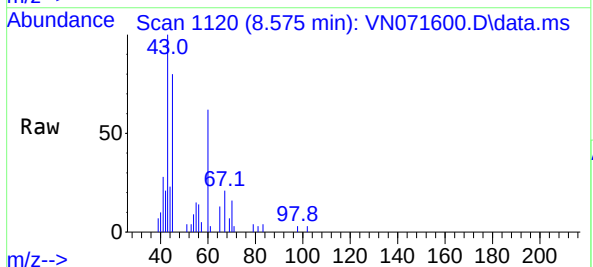
Instrument :  
MSVOA\_N  
ClientSampleId :

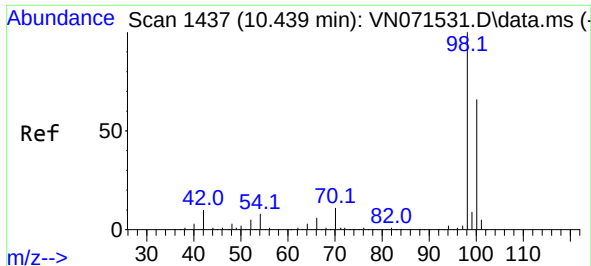
Tgt Ion: 78 Resp: 10667  
Ion Ratio Lower Upper  
78 100  
77 18.3 19.4 29.0#



#43  
Isopropyl Acetate  
Concen: 0.255 ug/l  
RT: 8.575 min Scan# 1120  
Delta R.T. 0.018 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 43 Resp: 12622  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#

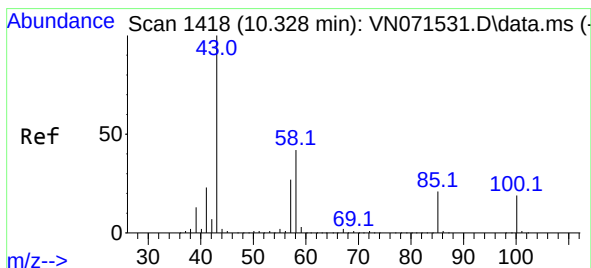
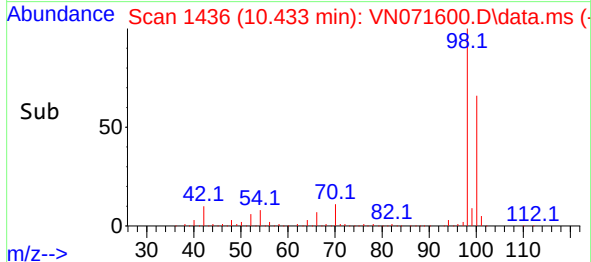
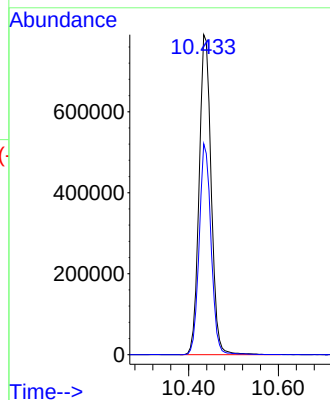
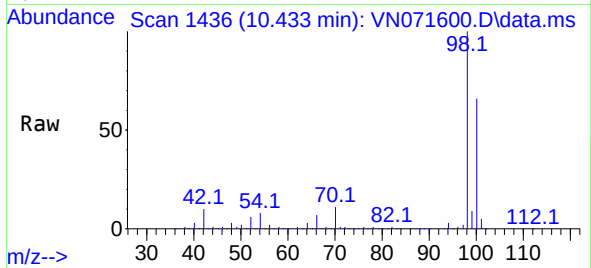




#50  
Toluene-d8  
Concen: 47.967 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

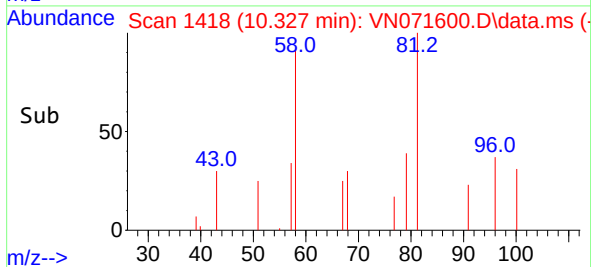
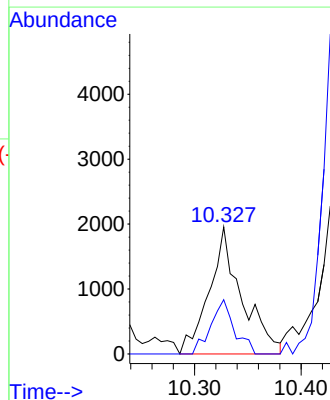
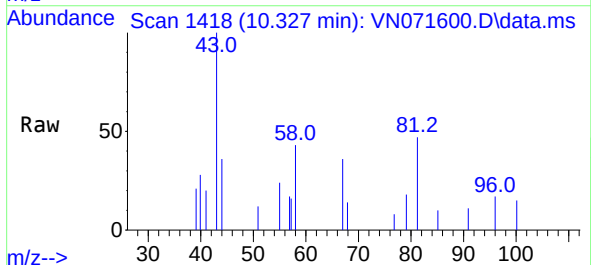
Instrument :  
MSVOA\_N  
ClientSampleId :

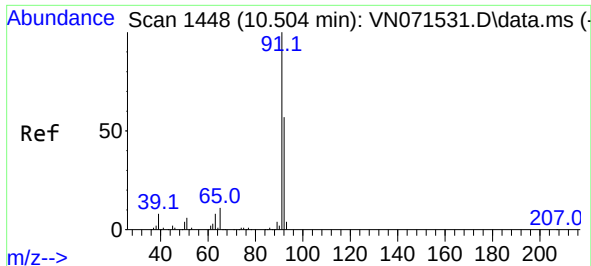
Tgt Ion: 98 Resp: 1471095  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.347 ug/l  
RT: 10.327 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 43 Resp: 4153  
Ion Ratio Lower Upper  
43 100  
58 30.8 34.1 51.1#

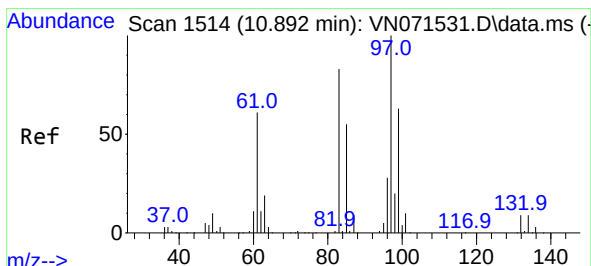
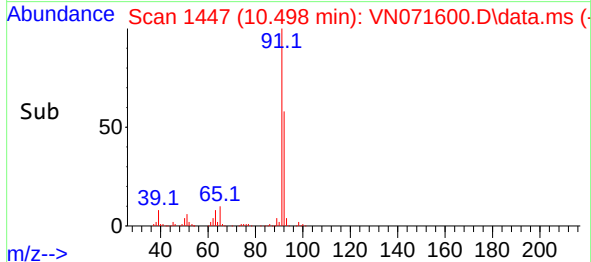
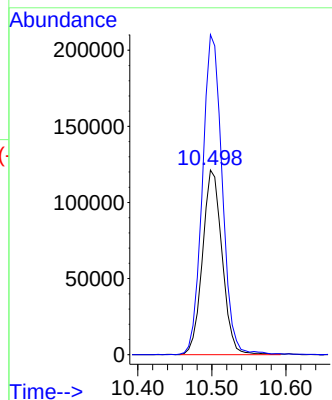
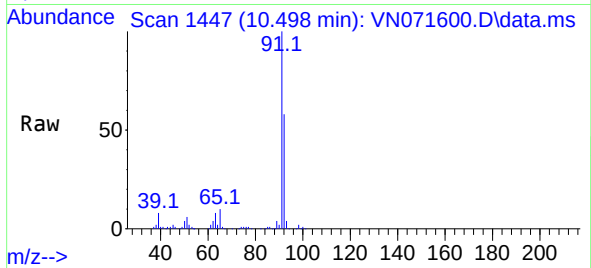




#52  
Toluene  
Concen: 10.473 ug/l  
RT: 10.498 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

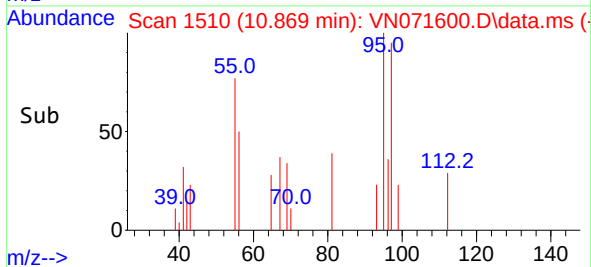
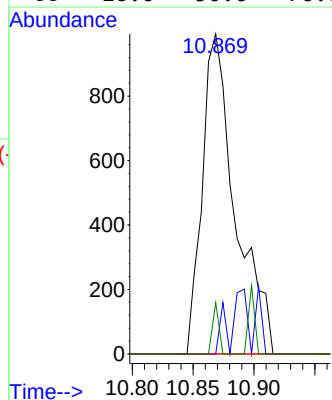
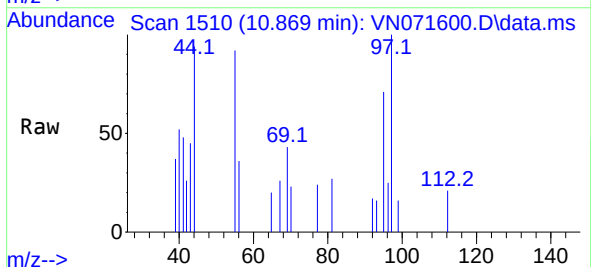
Instrument :  
MSVOA\_N  
ClientSampleId :

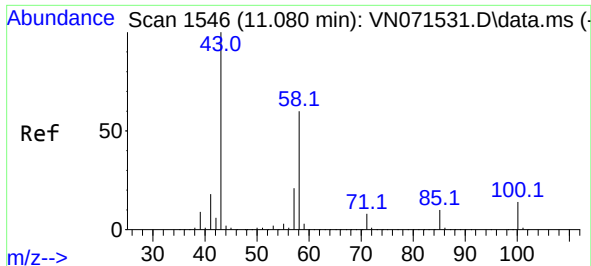
Tgt Ion: 92 Resp: 223683  
Ion Ratio Lower Upper  
92 100  
91 175.4 138.6 207.8



#55  
1,1,2-Trichloroethane  
Concen: 0.217 ug/l  
RT: 10.869 min Scan# 1510  
Delta R.T. -0.024 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 97 Resp: 1879  
Ion Ratio Lower Upper  
97 100  
83 0.0 66.2 99.4#  
85 0.0 43.9 65.9#  
99 16.0 50.6 76.0#

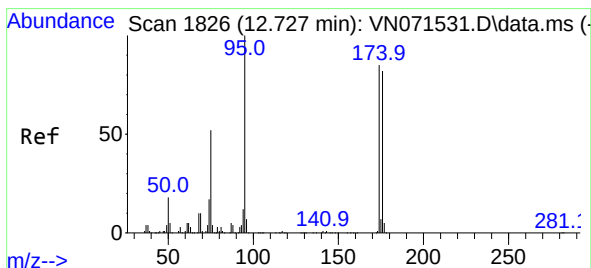
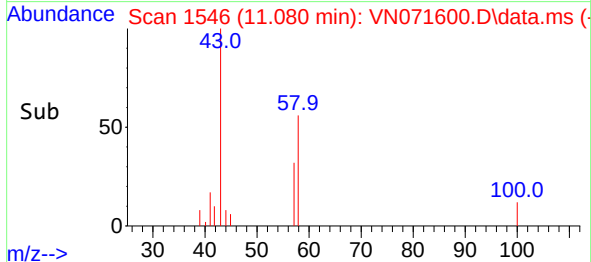
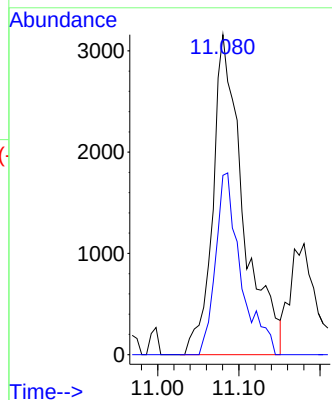
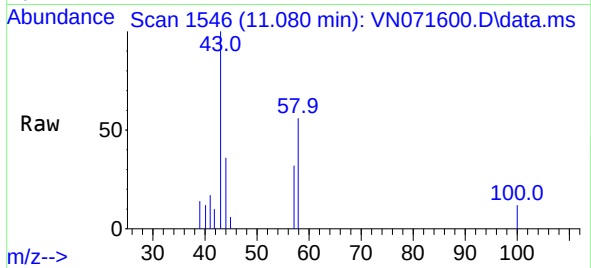




#59  
2-Hexanone  
Concen: 0.957 ug/l  
RT: 11.080 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

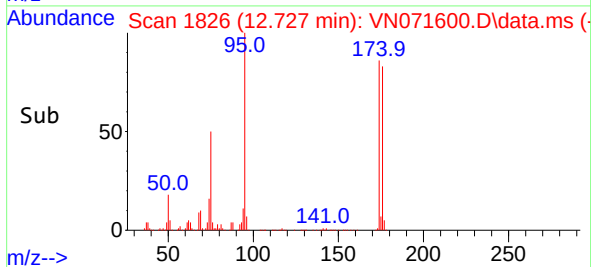
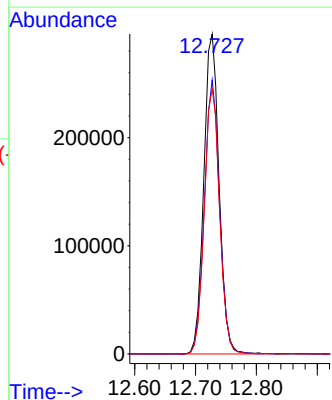
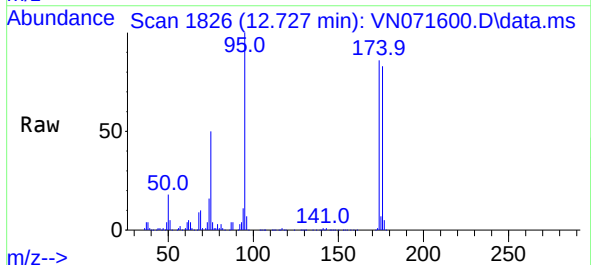
Instrument :  
MSVOA\_N  
ClientSampleId :

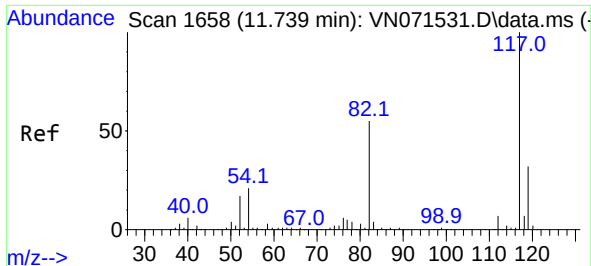
Tgt Ion: 43 Resp: 8251  
Ion Ratio Lower Upper  
43 100  
58 46.9 29.7 89.1



#62  
4-Bromofluorobenzene  
Concen: 51.315 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

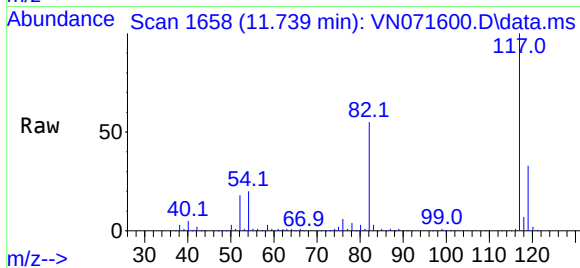
Tgt Ion: 95 Resp: 515669  
Ion Ratio Lower Upper  
95 100  
174 85.2 0.0 167.6  
176 83.1 0.0 163.4



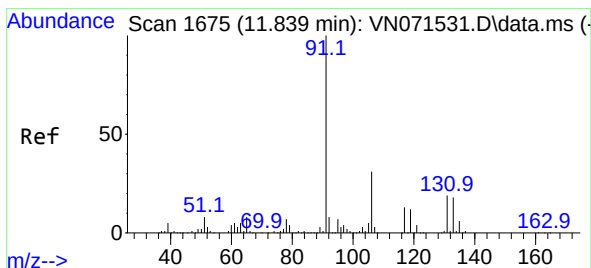
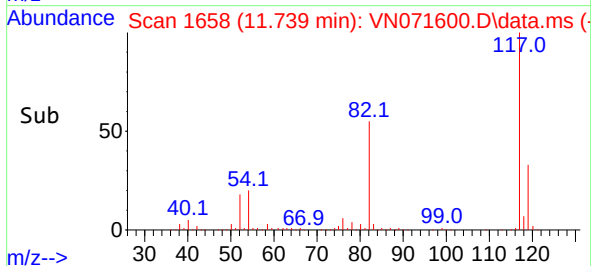
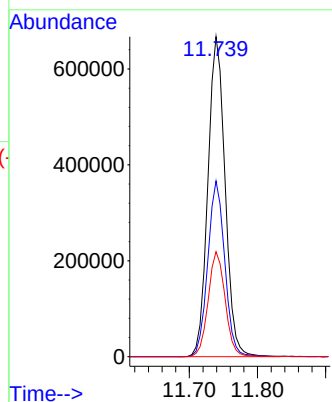


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1171547  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

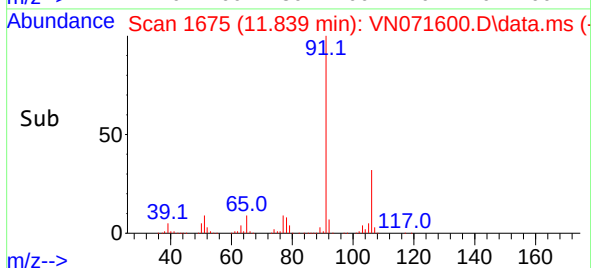
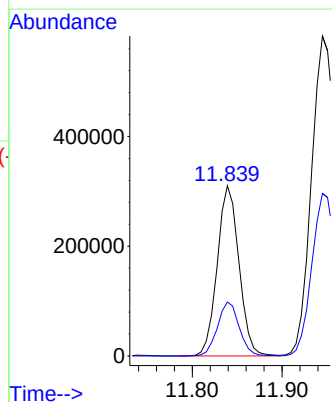
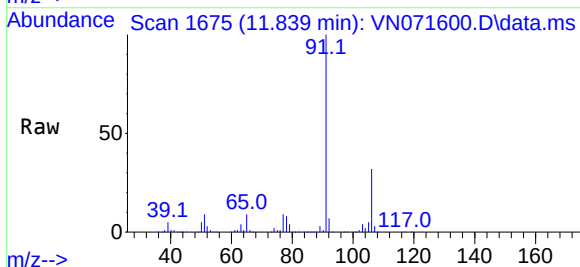


Tgt Ion:117 Resp: 1171547  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.2 66.2  
119 32.8 25.4 38.0

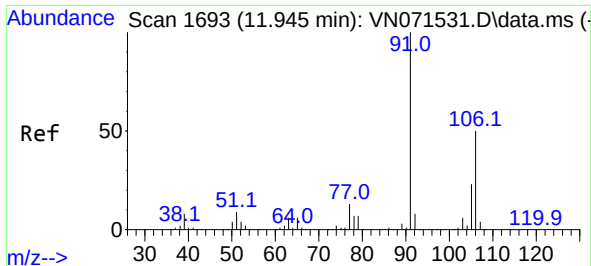


#67  
Ethyl Benzene  
Concen: 12.229 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 91 Resp: 521816  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.9 37.3



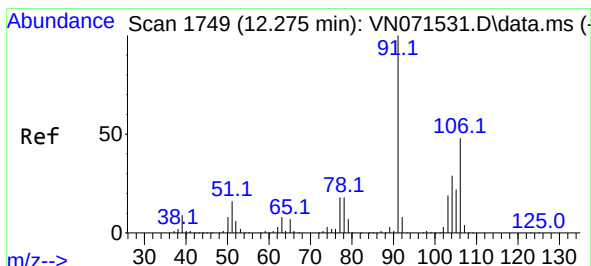
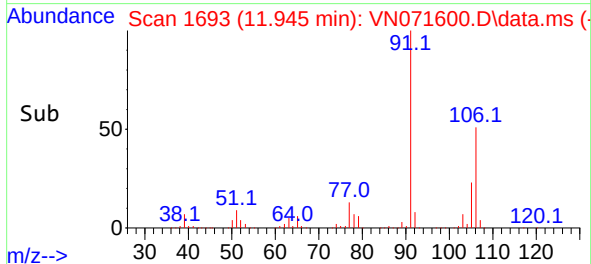
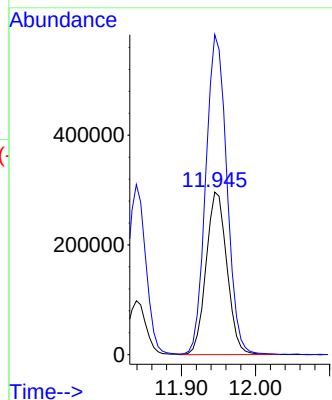
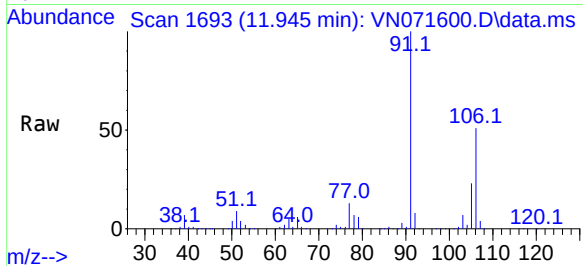




#68  
m/p-Xylenes  
Concen: 35.502 ug/l  
RT: 11.945 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

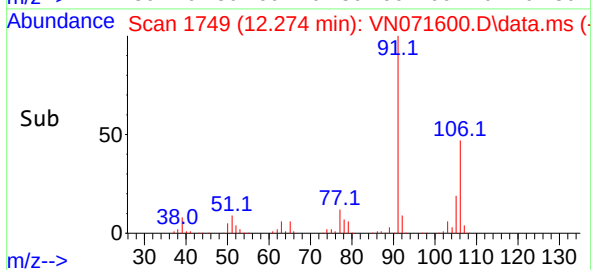
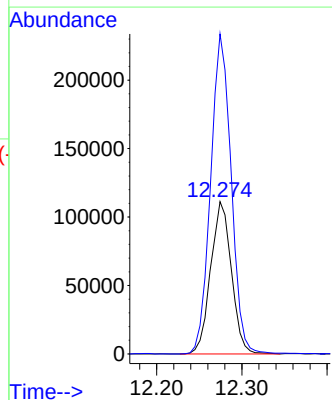
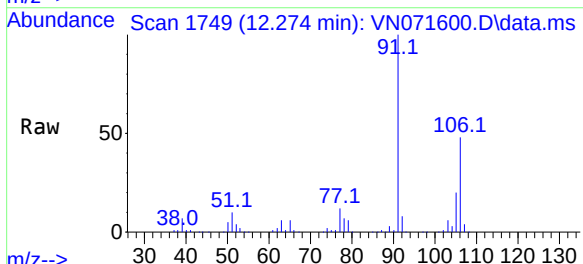
Instrument :  
MSVOA\_N  
ClientSampleId :

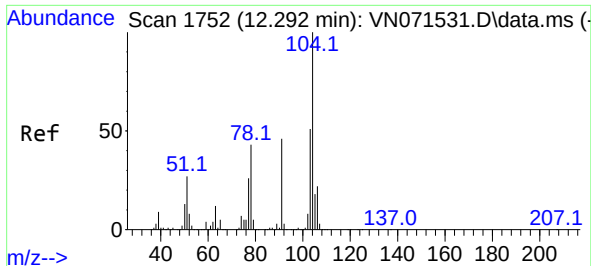
Tgt Ion:106 Resp: 579673  
Ion Ratio Lower Upper  
106 100  
91 198.8 158.9 238.3



#69  
o-Xylene  
Concen: 11.617 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion:106 Resp: 188440  
Ion Ratio Lower Upper  
106 100  
91 208.3 106.0 318.0

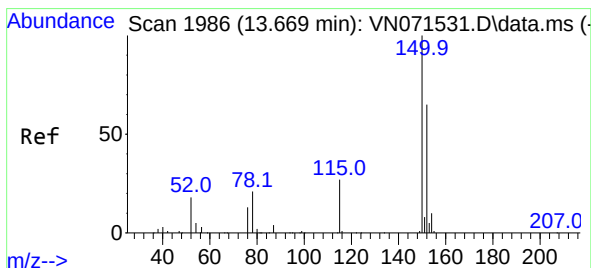
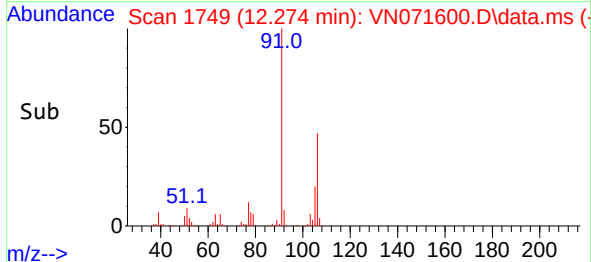
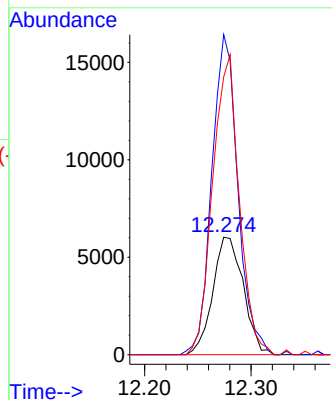
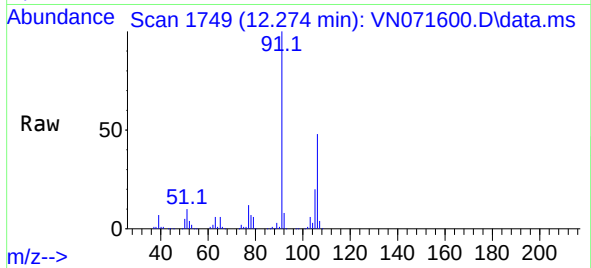




#70  
Styrene  
Concen: 0.474 ug/l  
RT: 12.274 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

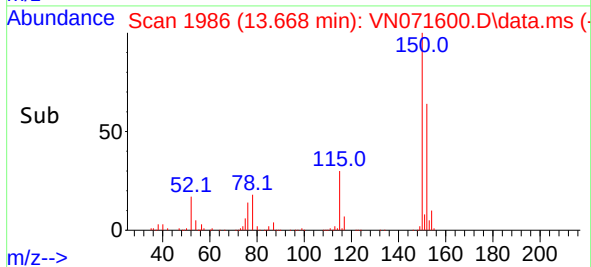
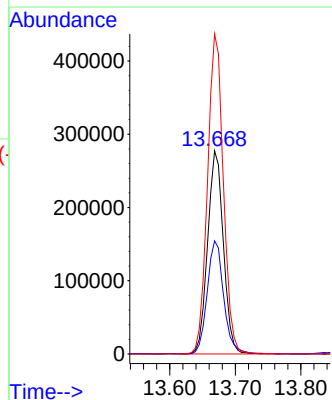
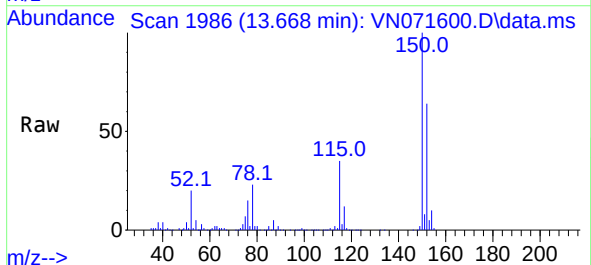
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MSVOA\_N  
ClientSampleId :

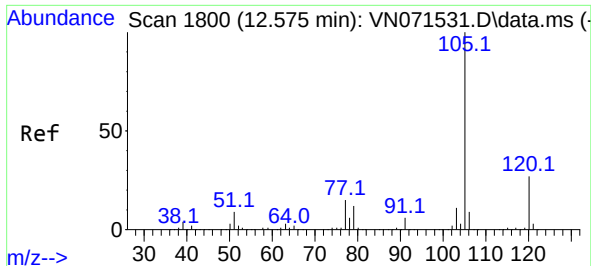
Tgt Ion:104 Resp: 11982  
Ion Ratio Lower Upper  
104 100  
78 232.7 39.5 59.3#  
103 222.5 44.0 66.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion:152 Resp: 464161  
Ion Ratio Lower Upper  
152 100  
115 57.8 28.9 86.7  
150 158.6 0.0 356.2

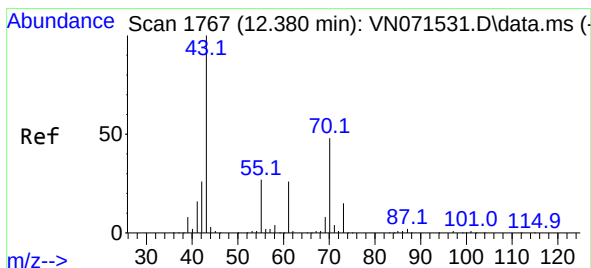
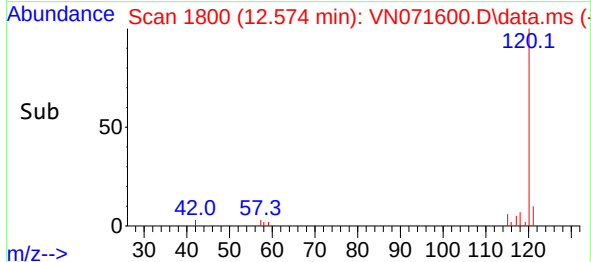
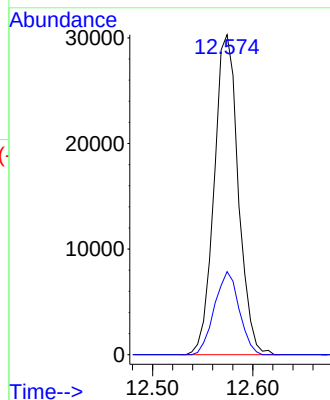
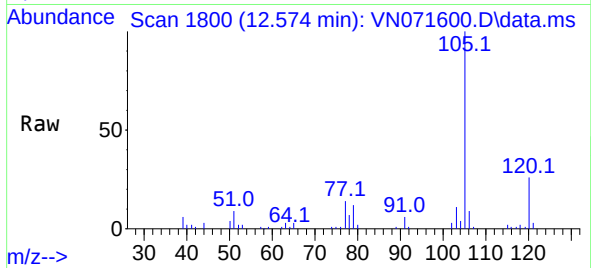




#73  
Isopropylbenzene  
Concen: 1.237 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

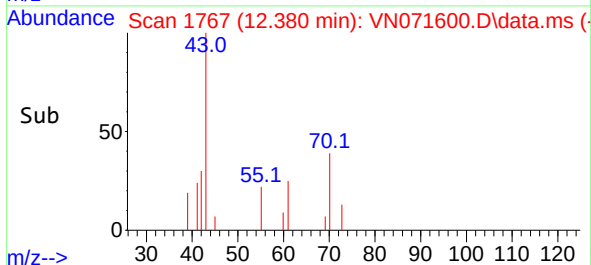
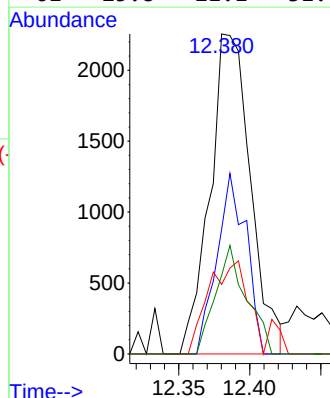
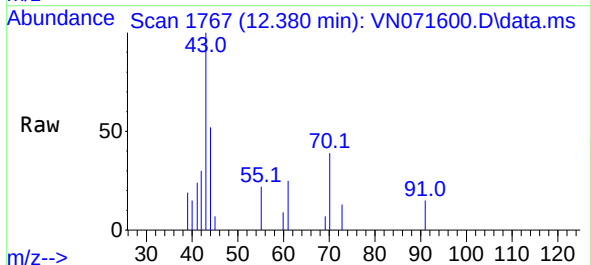
Instrument :  
MSVOA\_N  
ClientSampleId :

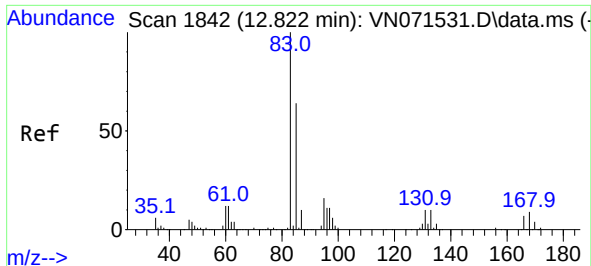
Tgt Ion:105 Resp: 50623  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.5 40.4



#74  
N-ethyl acetate  
Concen: 0.342 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 43 Resp: 4500  
Ion Ratio Lower Upper  
43 100  
70 40.5 39.0 58.4  
55 28.1 21.1 31.7  
61 25.8 21.1 31.7

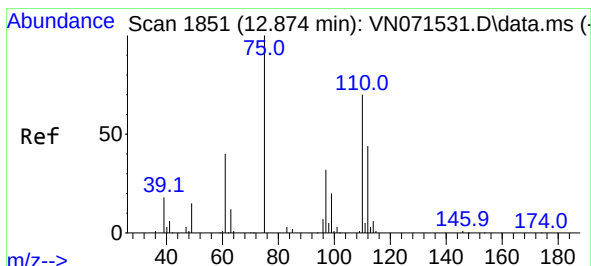
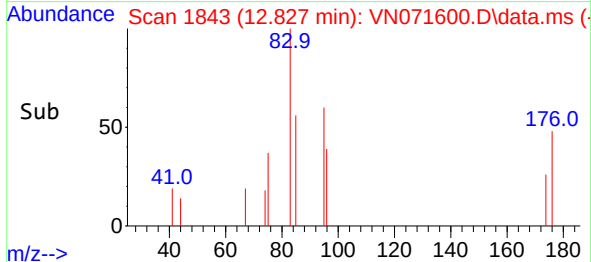
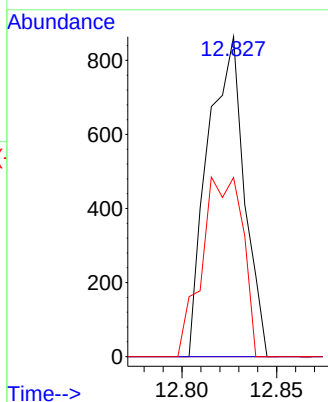
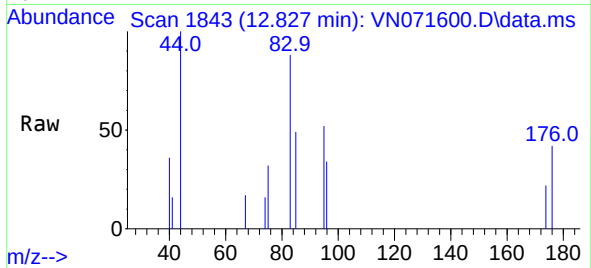




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.827 min Scan# 1842  
Delta R.T. 0.005 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

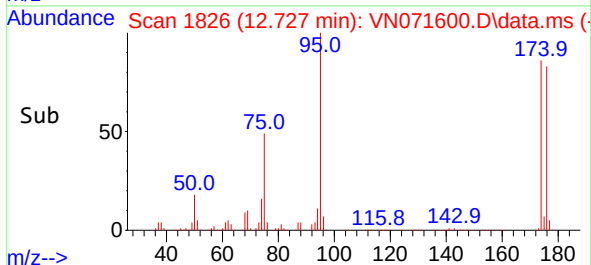
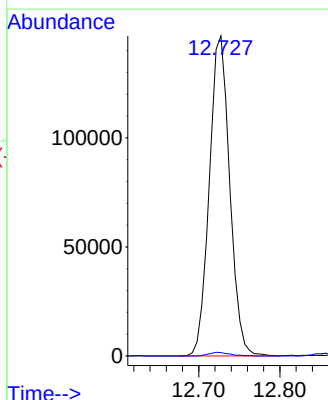
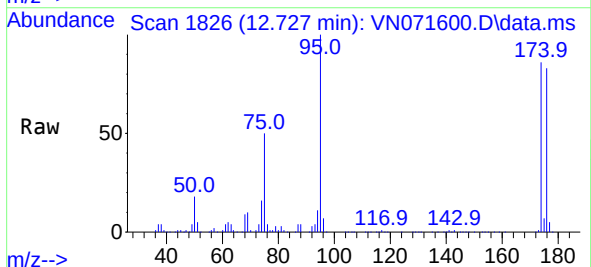
Instrument :  
MSVOA\_N  
ClientSampleId :

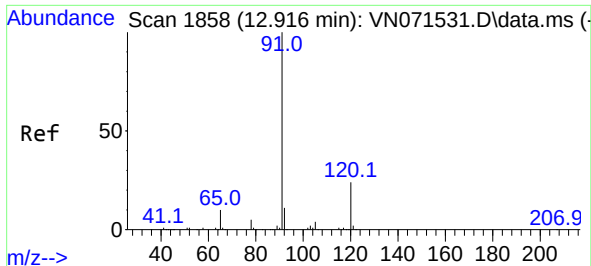
Tgt Ion: 83 Resp: 1156  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 15.9#  
85 63.1 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 24.763 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

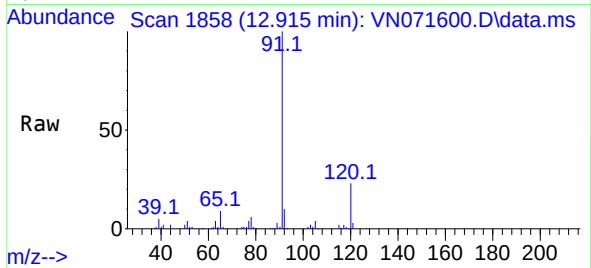
Tgt Ion: 75 Resp: 256301  
Ion Ratio Lower Upper  
75 100  
77 1.2 98.5 295.5#



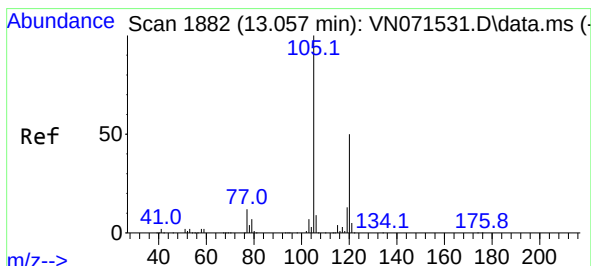
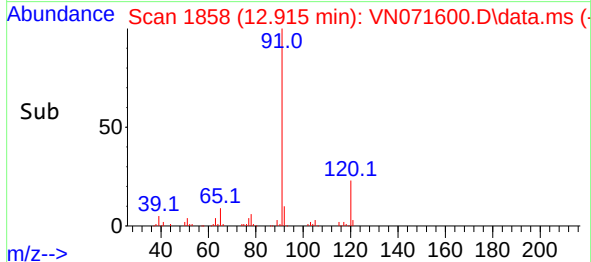
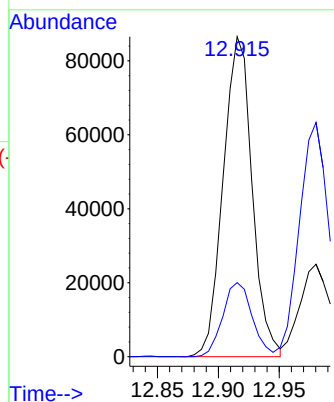


#78  
n-propylbenzene  
Concen: 3.283 ug/l  
RT: 12.915 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

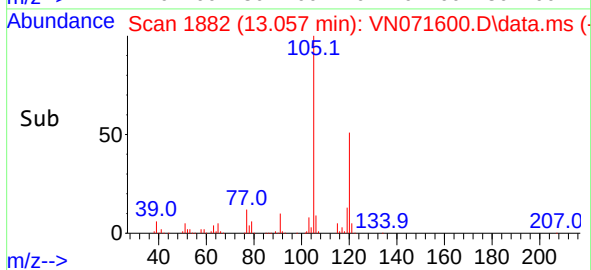
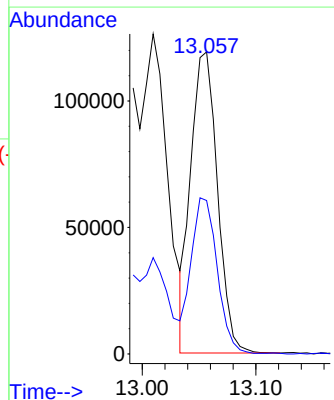
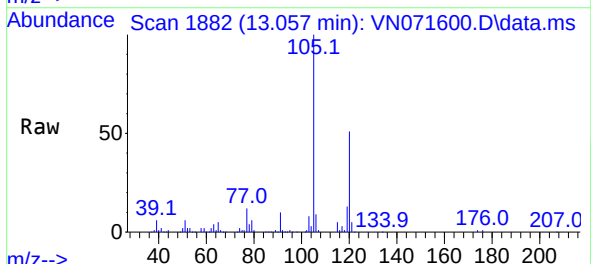


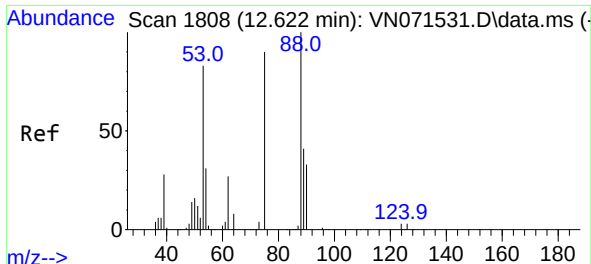
Tgt Ion: 91 Resp: 142944  
Ion Ratio Lower Upper  
91 100  
120 23.5 11.9 35.5



#80  
1,3,5-Trimethylbenzene  
Concen: 6.007 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 105 Resp: 194030  
Ion Ratio Lower Upper  
105 100  
120 50.5 24.9 74.7

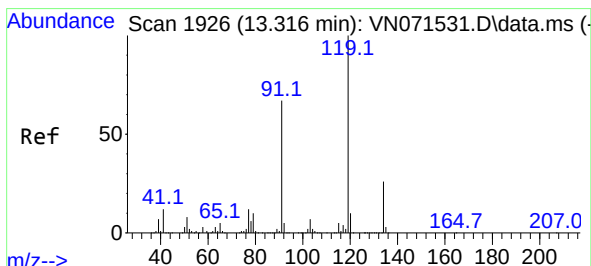
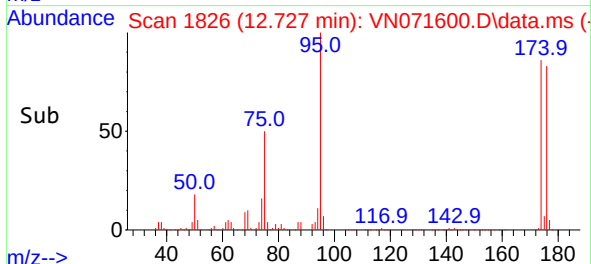
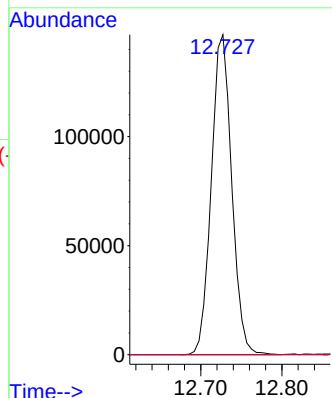
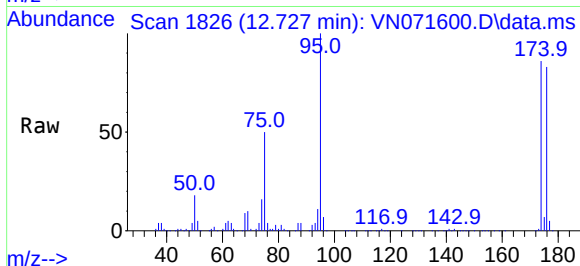




#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.297 ug/l  
RT: 12.727 min Scan# 1808  
Delta R.T. 0.106 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

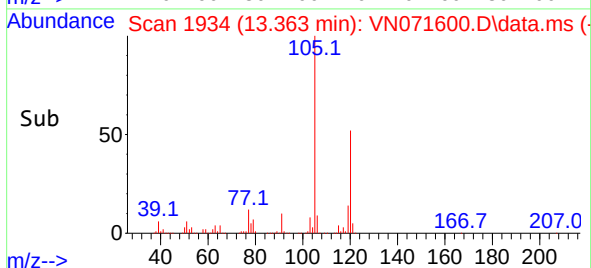
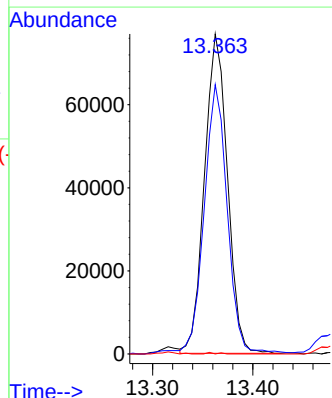
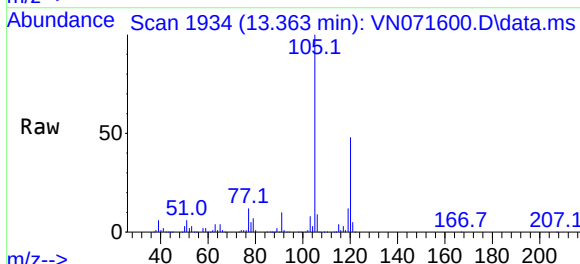
Instrument :  
MSVOA\_N  
ClientSampleId :

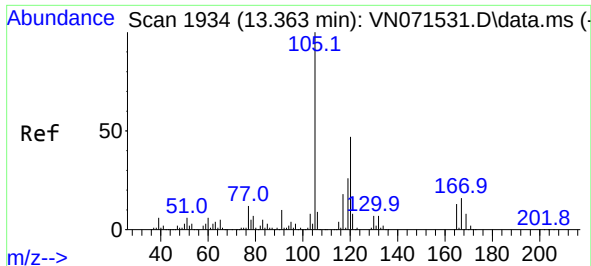
Tgt Ion: 75 Resp: 256301  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#



#83  
tert-Butylbenzene  
Concen: 4.200 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. 0.047 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 119 Resp: 122467  
Ion Ratio Lower Upper  
119 100  
91 86.1 31.6 94.8  
134 0.2 13.7 41.1#

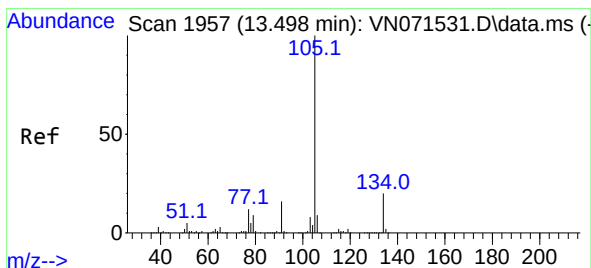
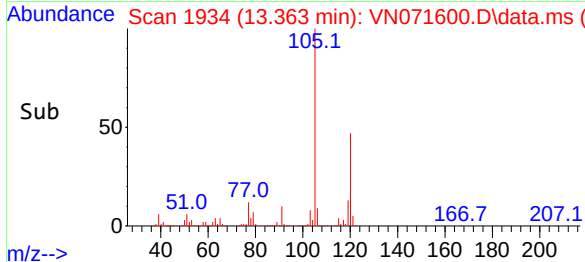
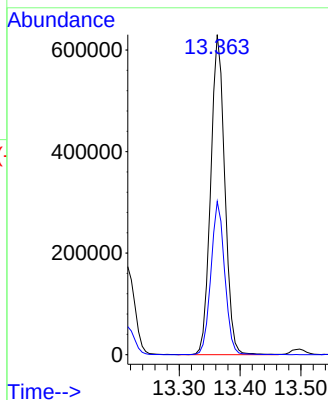
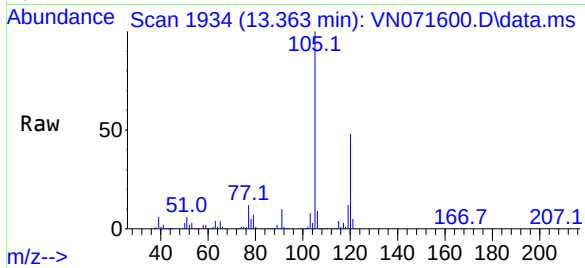




#84  
1,2,4-Trimethylbenzene  
Concen: 32.445 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.000 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

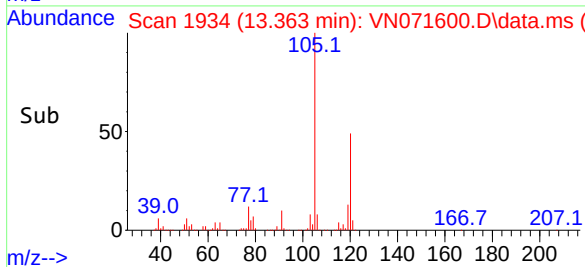
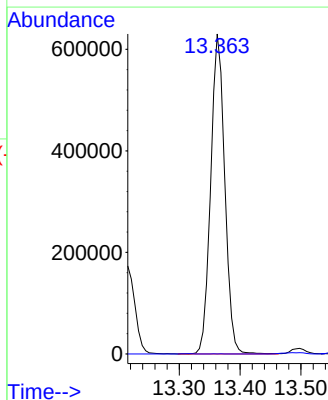
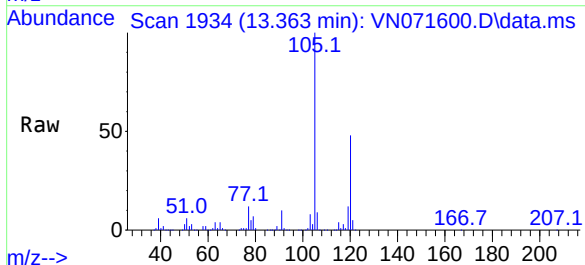
Instrument :  
MSVOA\_N  
ClientSampleId :

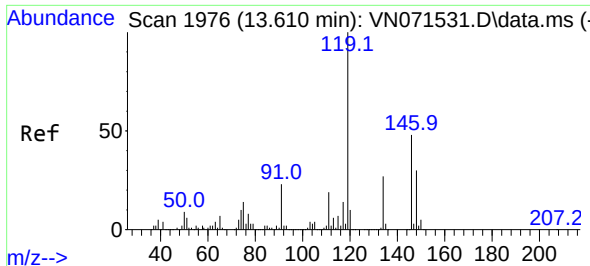
Tgt Ion:105 Resp: 1011361  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.3 69.8



#85  
sec-Butylbenzene  
Concen: 26.166 ug/l  
RT: 13.363 min Scan# 1934  
Delta R.T. -0.135 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion:105 Resp: 1011361  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.4 31.1#



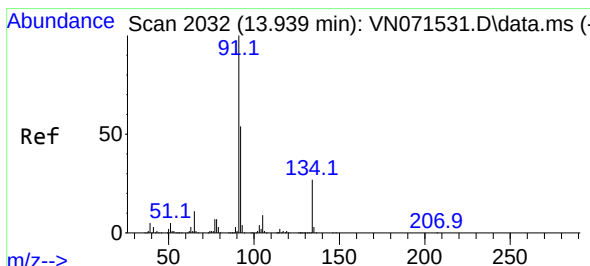
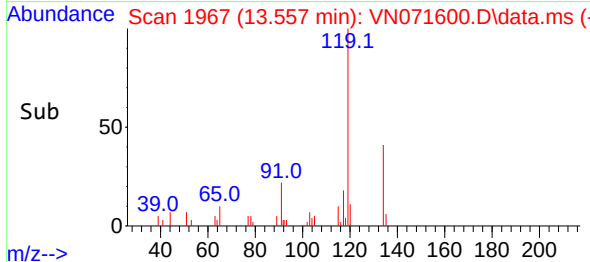
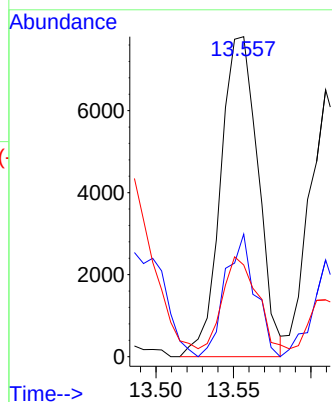
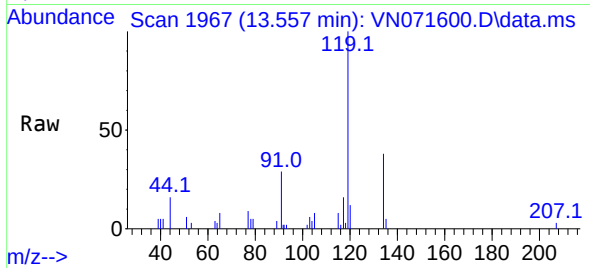


#86  
p-Isopropyltoluene  
Concen: 0.426 ug/l  
RT: 13.557 min Scan# 1976  
Delta R.T. -0.053 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:119 Resp: 13127

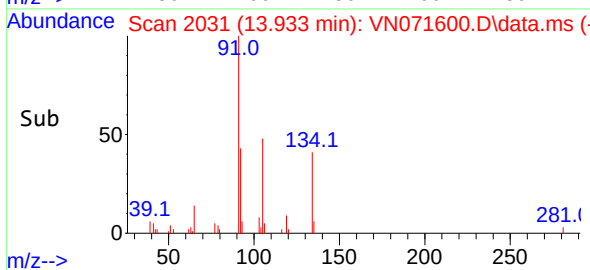
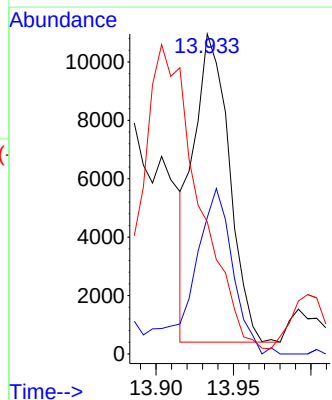
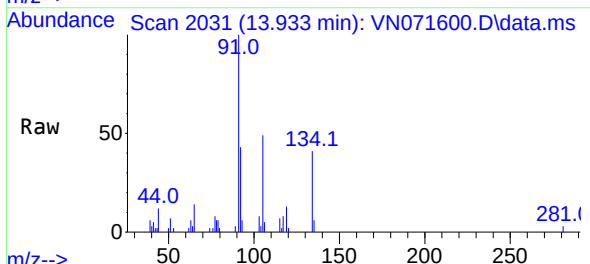
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 30.6  | 13.3  | 39.8  |
| 91  | 25.6  | 11.3  | 33.9  |



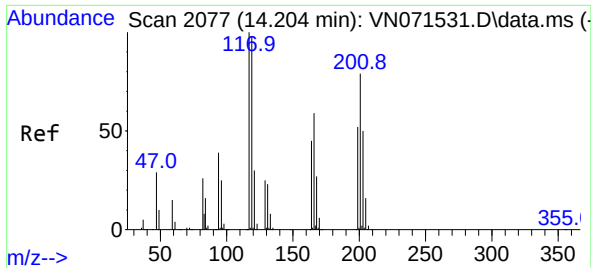
#89  
n-Butylbenzene  
Concen: 0.715 ug/l  
RT: 13.933 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion: 91 Resp: 16876

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 58.1  | 26.9  | 80.7  |
| 134 | 0.0   | 13.6  | 40.8  |



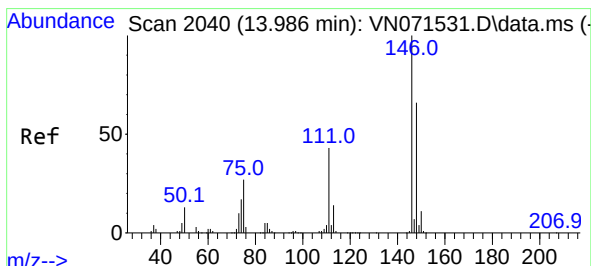
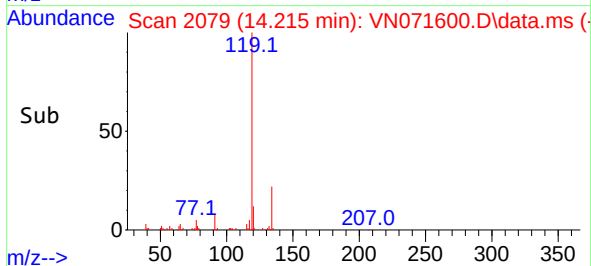
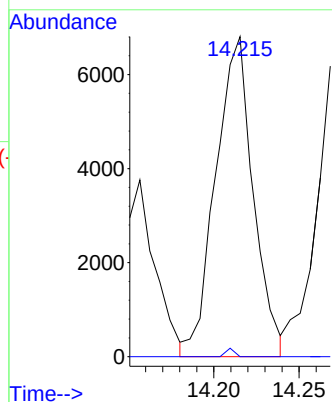
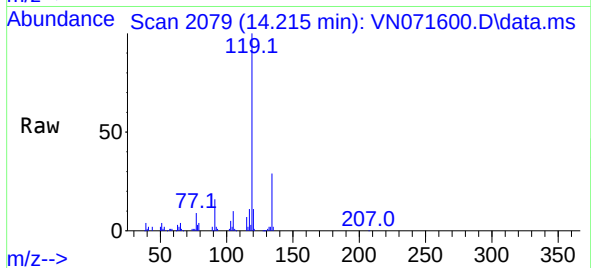




#90  
Hexachloroethane  
Concen: 1.731 ug/l  
RT: 14.215 min Scan# 2079  
Delta R.T. 0.012 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

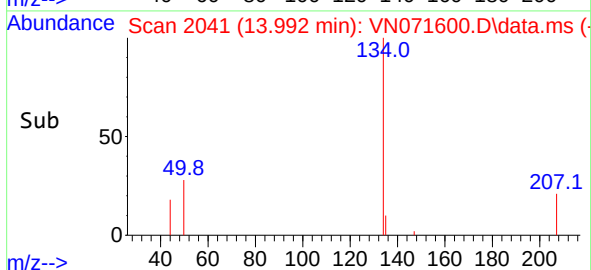
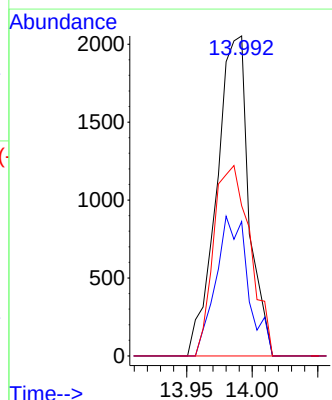
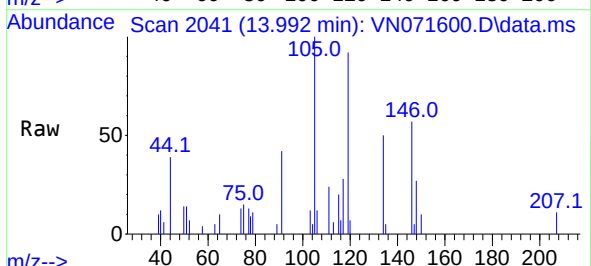
Instrument :  
MSVOA\_N  
ClientSampleId :

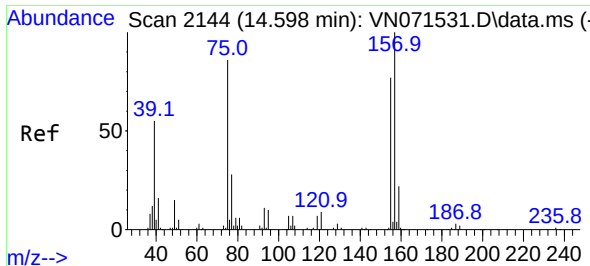
Tgt Ion:117 Resp: 10408  
Ion Ratio Lower Upper  
117 100  
201 0.6 40.6 122.0#



#91  
1,2-Dichlorobenzene  
Concen: 0.222 ug/l  
RT: 13.992 min Scan# 2041  
Delta R.T. 0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

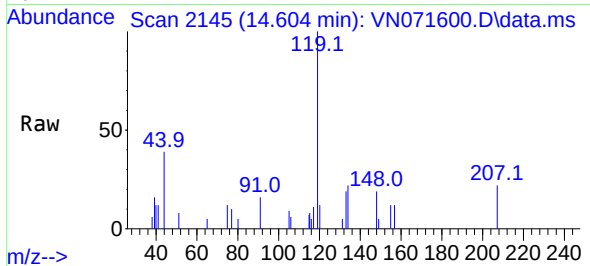
Tgt Ion:146 Resp: 3515  
Ion Ratio Lower Upper  
146 100  
111 43.4 20.9 62.8  
148 67.2 32.1 96.3



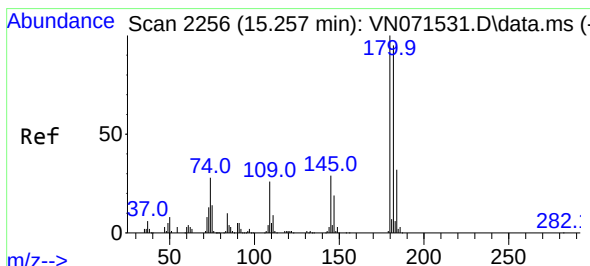
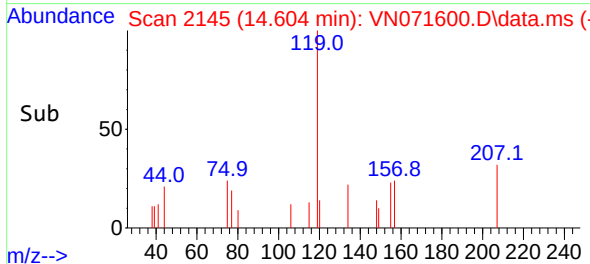
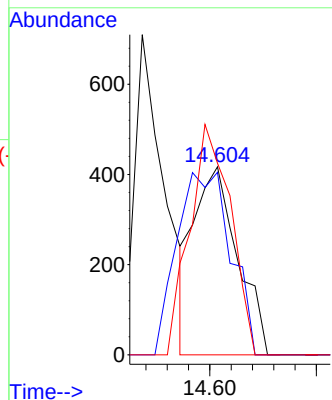


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.244 ug/l  
 RT: 14.604 min Scan# 2145  
 Delta R.T. 0.006 min  
 Lab File: VN071600.D  
 Acq: 28 Mar 2022 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

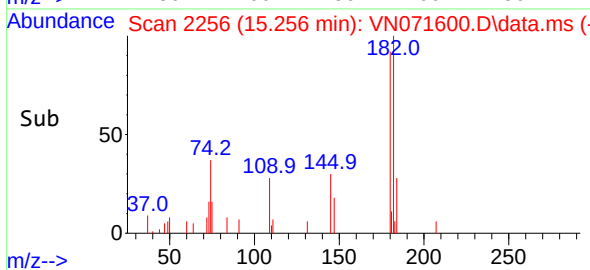
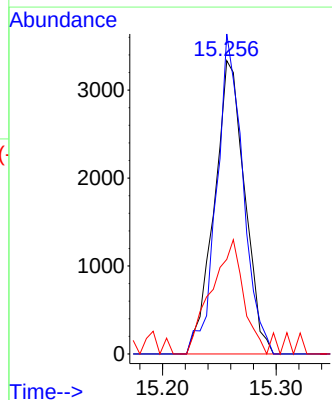
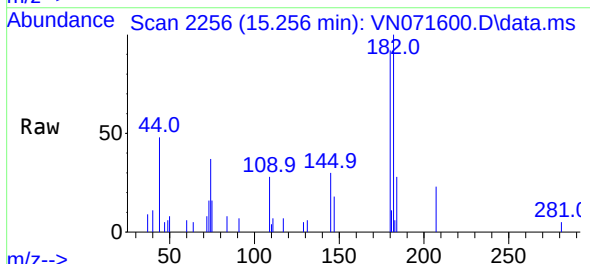


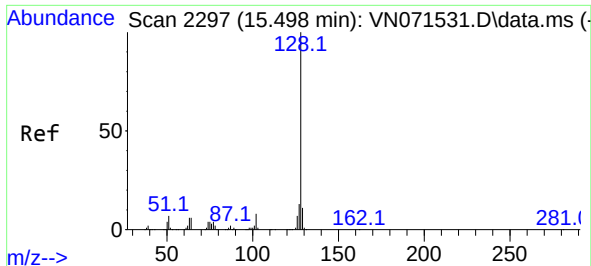
Tgt Ion: 75 Resp: 591  
 Ion Ratio Lower Upper  
 75 100  
 155 120.6 44.9 134.5  
 157 115.4 59.0 176.8



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.844 ug/l  
 RT: 15.256 min Scan# 2256  
 Delta R.T. -0.000 min  
 Lab File: VN071600.D  
 Acq: 28 Mar 2022 13:01

Tgt Ion: 180 Resp: 6200  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 47.5 142.5  
 145 41.2 14.5 43.5

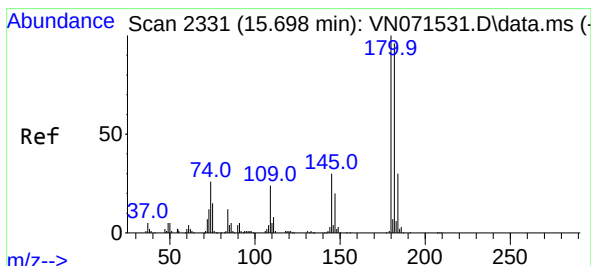
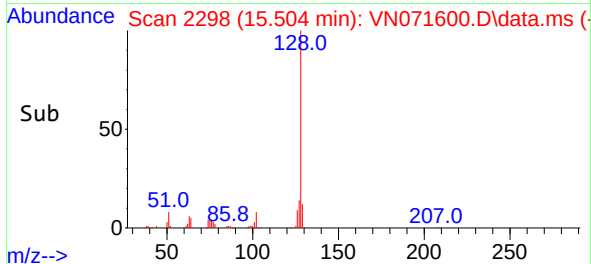
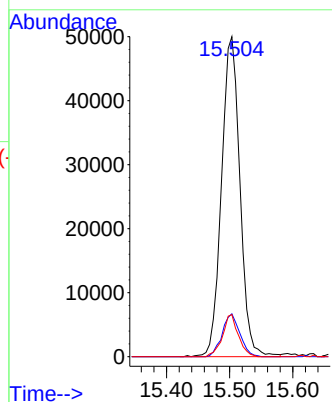
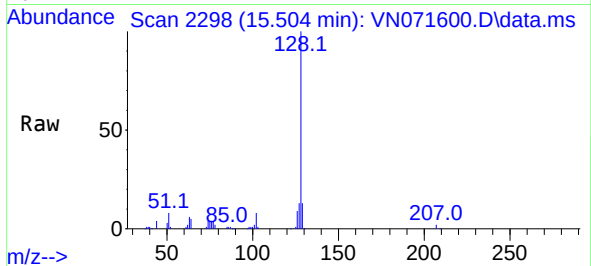




#95  
Naphthalene  
Concen: 7.225 ug/l  
RT: 15.504 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 101247  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.3 15.5  
129 11.3 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 0.969 ug/l  
RT: 15.692 min Scan# 2330  
Delta R.T. -0.006 min  
Lab File: VN071600.D  
Acq: 28 Mar 2022 13:01

Tgt Ion:180 Resp: 7067  
Ion Ratio Lower Upper  
180 100  
182 91.1 47.8 143.3  
145 33.9 15.5 46.5

