

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121522\  
 Data File : VN075814.D  
 Acq On : 15 Dec 2022 13:48  
 Operator : JC\MD  
 Sample : N5990-08DL 20X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 16 03:08:36 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         | 8.229  | 168   | 380278   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 599041   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.870 | 117   | 534517   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 262013   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.582  | 65    | 196006   | 47.378    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 94.760%  |
| 35) Dibromofluoromethane      | 8.177  | 113   | 175395   | 47.279    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 94.560%  |
| 50) Toluene-d8                | 10.571 | 98    | 695218   | 50.122    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 100.240% |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 238377   | 51.888    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 103.780% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.371  | 50    | 740      | 0.220     | ug/l # | 40       |
| 6) Chloroethane               | 3.118  | 64    | 663      | 0.224     | ug/l # | 44       |
| 11) Tert butyl alcohol        | 5.524  | 59    | 1285     | 2.195     | ug/l # | 72       |
| 15) Acrylonitrile             | 5.806  | 53    | 530      | 0.332     | ug/l # | 29       |
| 18) Methyl Acetate            | 5.277  | 43    | 2786     | 0.661     | ug/l # | 45       |
| 19) Methyl tert-butyl Ether   | 5.806  | 73    | 4128     | 0.372     | ug/l # | 1        |
| 20) Methylene Chloride        | 5.294  | 84    | 2269     | Below Cal | #      | 90       |
| 31) Cyclohexane               | 8.265  | 56    | 23040    | 3.889     | ug/l # | 84       |
| 36) 1,1-Dichloropropene       | 8.235  | 75    | 27584    | 5.597     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.235  | 117   | 37460    | 6.792     | ug/l # | 17       |
| 39) Methylcyclohexane         | 9.606  | 83    | 16454    | 2.768     | ug/l   | 97       |
| 40) Benzene                   | 8.612  | 78    | 40611    | 2.671     | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.600  | 41    | 9095     | 3.093     | ug/l # | 41       |
| 52) Toluene                   | 10.629 | 92    | 6319     | 0.638     | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 11.000 | 97    | 1720     | 0.443     | ug/l # | 16       |
| 59) 2-Hexanone                | 11.200 | 43    | 737      | 0.256     | ug/l   | 67       |
| 67) Ethyl Benzene             | 11.965 | 91    | 1954399  | 105.552   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106   | 690849   | 94.267    | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106   | 335464   | 46.255    | ug/l   | 98       |
| 70) Styrene                   | 12.406 | 104   | 17459    | 1.514     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.700 | 105   | 110643   | 5.844     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 122610   | 23.215    | ug/l # | 1        |
| 78) n-propylbenzene           | 13.041 | 91    | 334941   | 16.039    | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.135 | 91    | 39941    | 3.064     | ug/l # | 40       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105   | 272460   | 17.193    | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 122610   | 83.562    | ug/l # | 12       |
| 82) 4-Chlorotoluene           | 13.135 | 91    | 39941    | 3.064     | ug/l # | 40       |
| 83) tert-Butylbenzene         | 13.482 | 119   | 171838   | 12.299    | ug/l # | 63       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105   | 1412372  | 89.841    | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.482 | 105   | 1412372  | 73.239    | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.735 | 119   | 7516     | 0.468     | ug/l # | 72       |
| 89) n-Butylbenzene            | 14.053 | 91    | 15569    | 1.198     | ug/l # | 74       |
| 90) Hexachloroethane          | 14.335 | 117   | 16034    | 5.586     | ug/l # | 11       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75    | 1278     | 1.230     | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180   | 1510     | 0.350     | ug/l # | 64       |
| 95) Naphthalene               | 15.647 | 128   | 451904   | 32.488    | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121522\  
Data File : VN075814.D  
Acq On : 15 Dec 2022 13:48  
Operator : JC\MD  
Sample : N5990-08DL 20X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

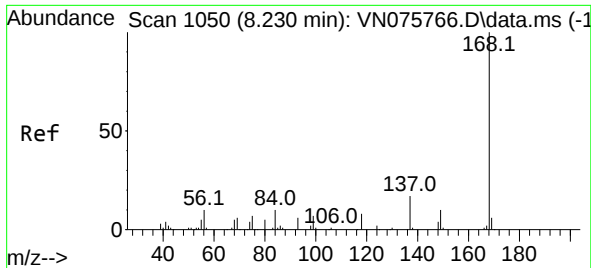
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 16 03:08:36 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) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.853 | 180  | 1367     | 0.339 | ug/l # | 83       |

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

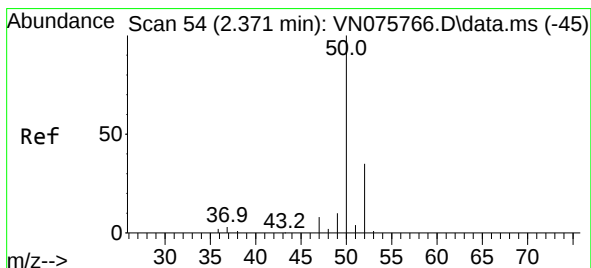
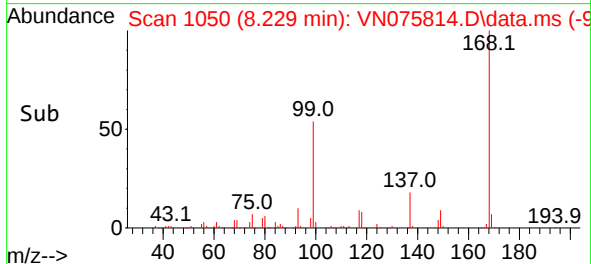
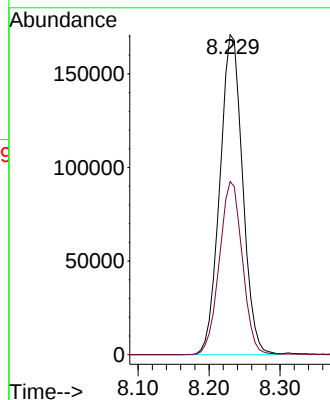
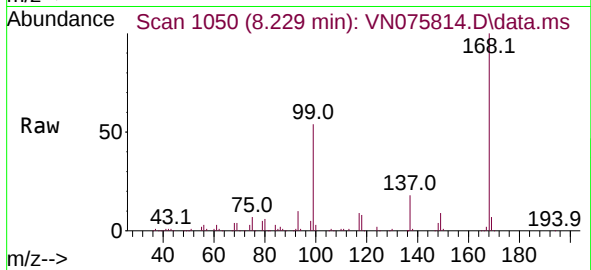




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

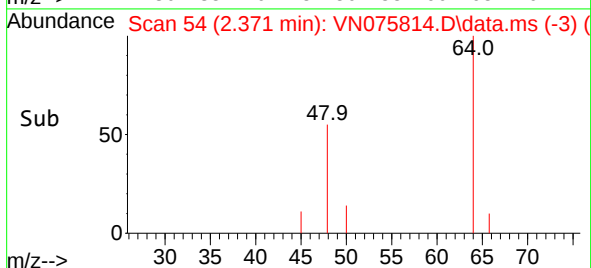
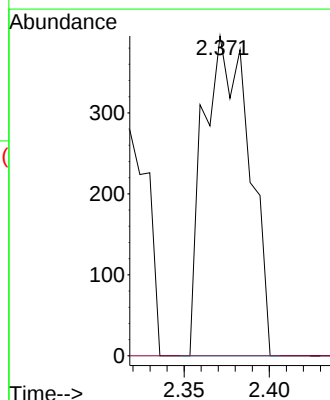
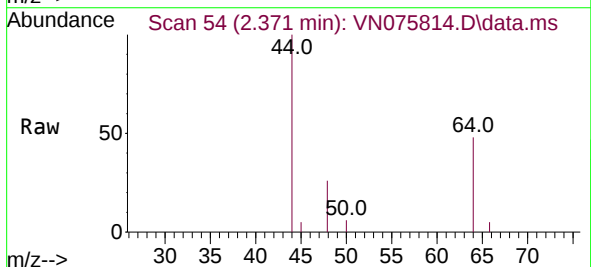
Instrument :  
MSVOA\_N  
ClientSampleId :

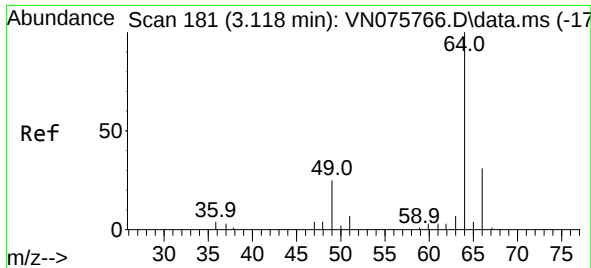
Tgt Ion:168 Resp: 380278  
Ion Ratio Lower Upper  
168 100  
99 54.1 44.2 66.4



#3  
Chloromethane  
Concen: 0.220 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

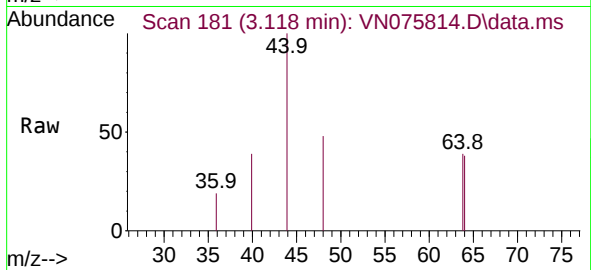
Tgt Ion: 50 Resp: 740  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.7 41.5#



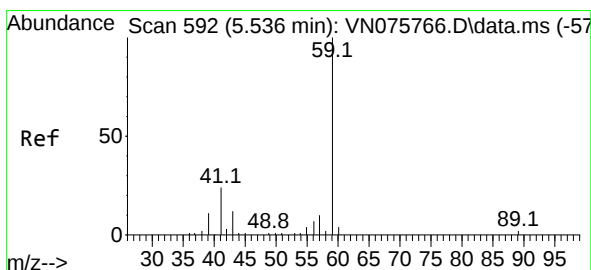
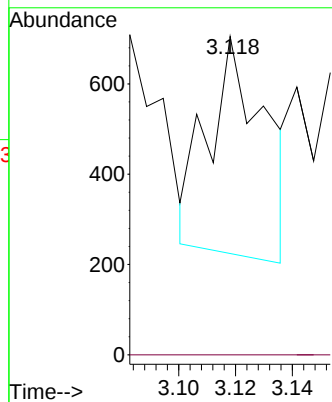
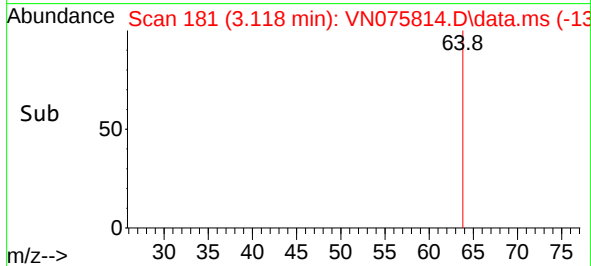


#6  
Chloroethane  
Concen: 0.224 ug/l  
RT: 3.118 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

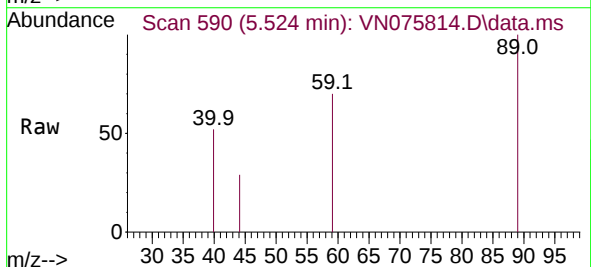
Instrument :  
MSVOA\_N  
ClientSampleId :



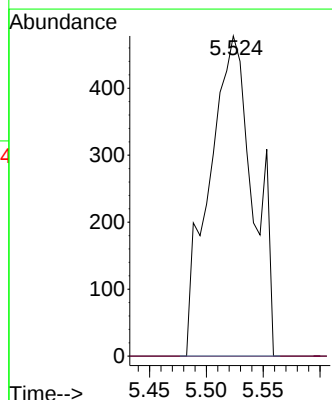
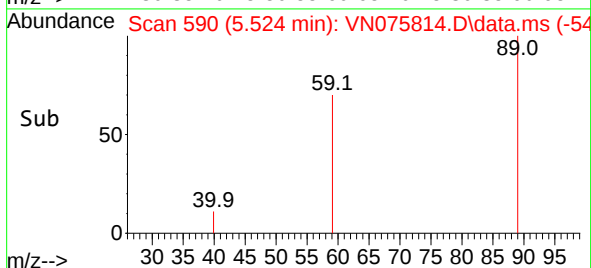
Tgt Ion: 64 Resp: 663  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.6 36.8#

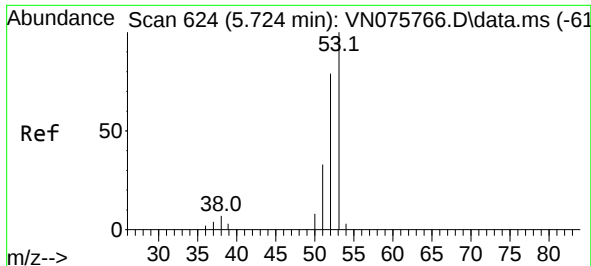


#11  
Tert butyl alcohol  
Concen: 2.195 ug/l  
RT: 5.524 min Scan# 590  
Delta R.T. -0.012 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48



Tgt Ion: 59 Resp: 1285  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#





#15

Acrylonitrile

Concen: 0.332 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.082 min

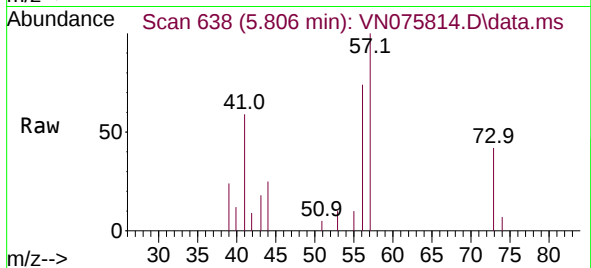
Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

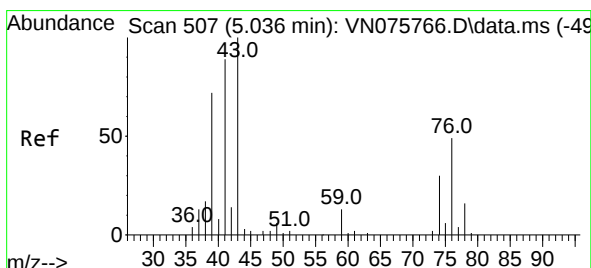
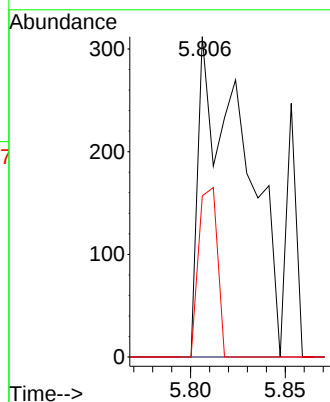
Instrument :

MSVOA\_N

ClientSampleId :



|             |                 |
|-------------|-----------------|
| Tgt Ion: 53 | Resp: 530       |
| Ion Ratio   | Lower Upper     |
| 53          | 100             |
| 52          | 0.0 65.4 98.0#  |
| 51          | 21.5 28.9 43.3# |



#18

Methyl Acetate

Concen: 0.661 ug/l

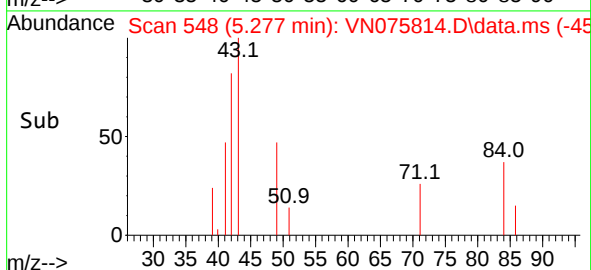
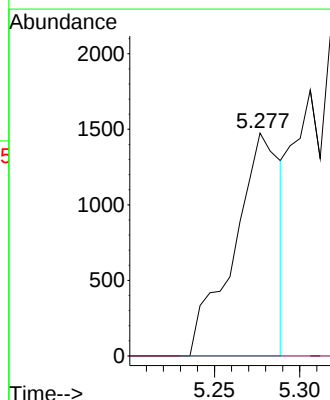
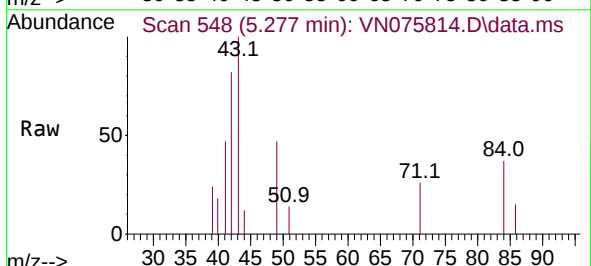
RT: 5.277 min Scan# 548

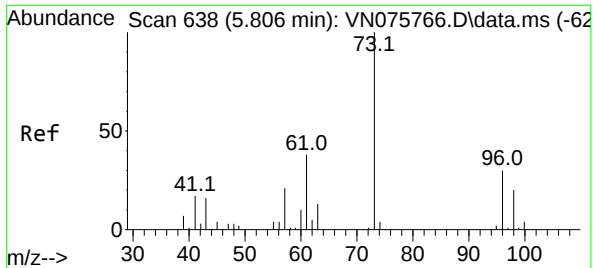
Delta R.T. 0.241 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 2786     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 74          | 0.0 23.6 35.4# |

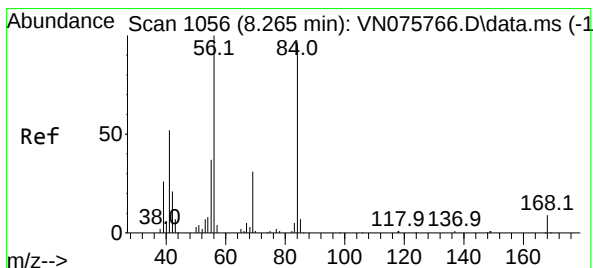
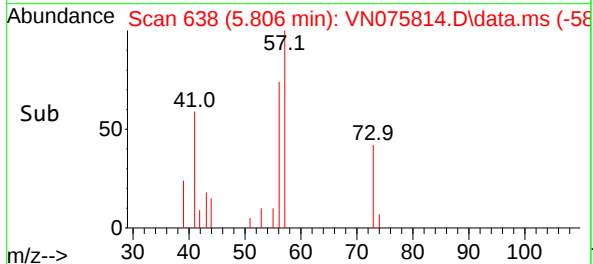
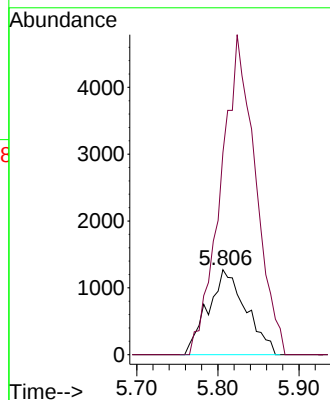
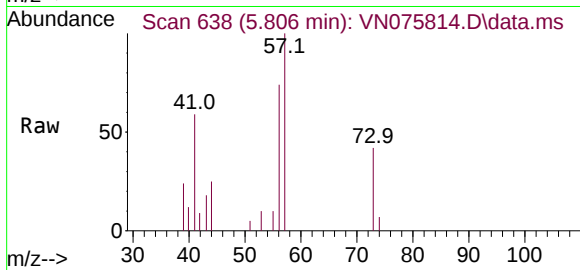




#19  
Methyl tert-butyl Ether  
Concen: 0.372 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

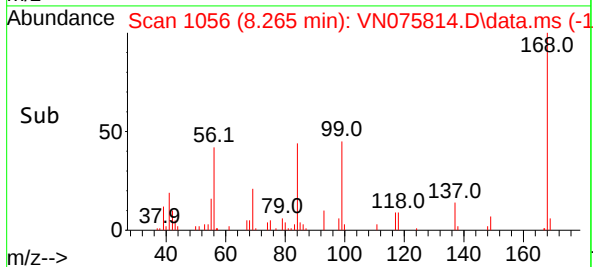
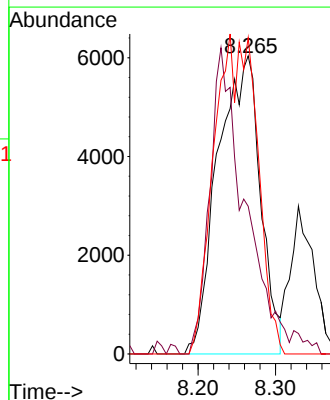
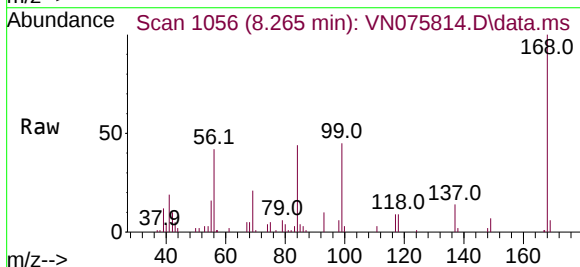
Instrument :  
MSVOA\_N  
ClientSampleId :

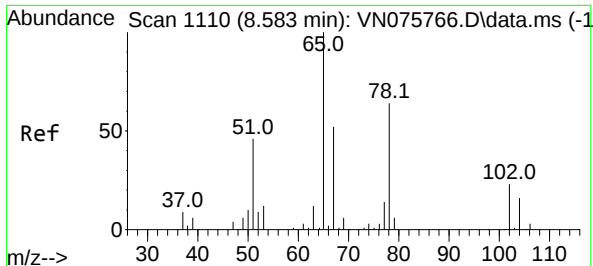
Tgt Ion: 73 Resp: 4128  
Ion Ratio Lower Upper  
73 100  
57 237.8 17.1 25.7#



#31  
Cyclohexane  
Concen: 3.889 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 56 Resp: 23040  
Ion Ratio Lower Upper  
56 100  
69 49.5 24.7 37.1#  
84 106.1 76.5 114.7





#33

1,2-Dichloroethane-d4

Concen: 47.378 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Instrument :

MSVOA\_N

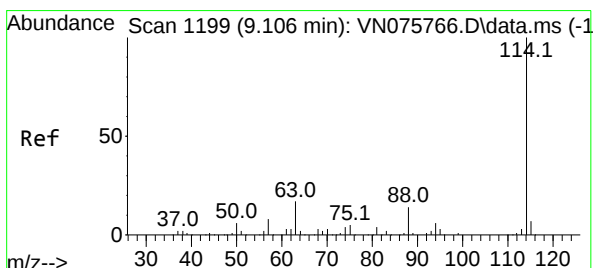
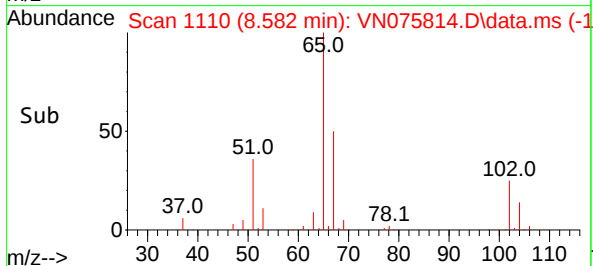
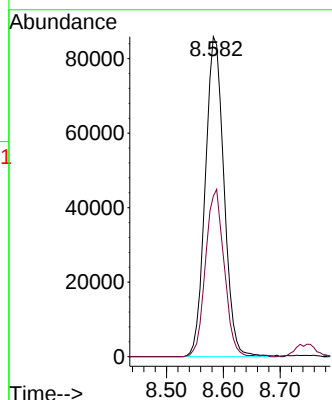
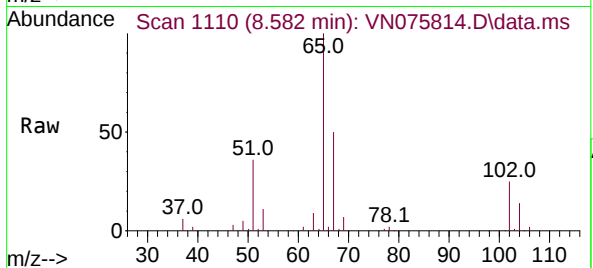
ClientSampleId :

Tgt Ion: 65 Resp: 196006

Ion Ratio Lower Upper

65 100

67 52.0 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: VN075814.D

Acq: 15 Dec 2022 13:48

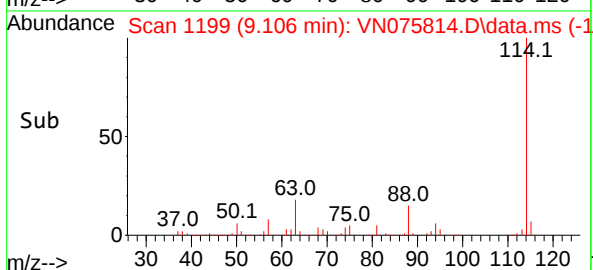
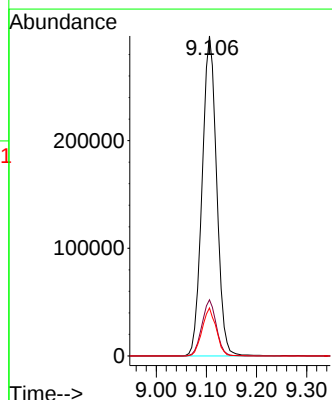
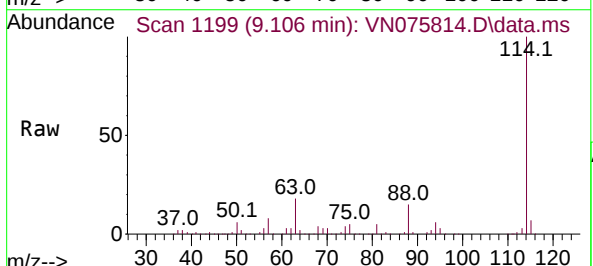
Tgt Ion: 114 Resp: 599041

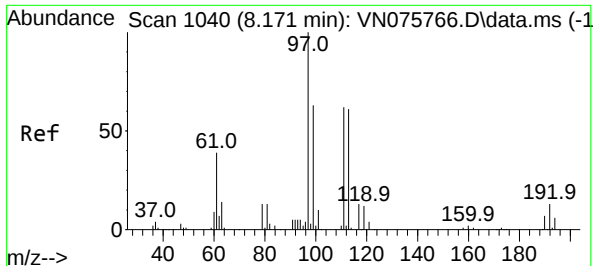
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.279 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Instrument :

MSVOA\_N

ClientSampleId :

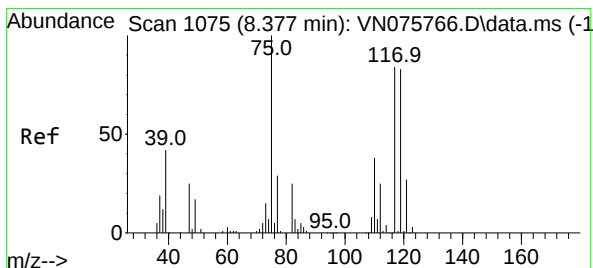
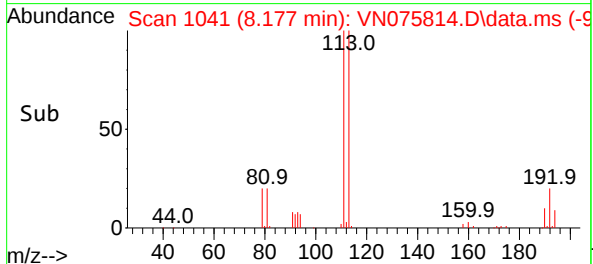
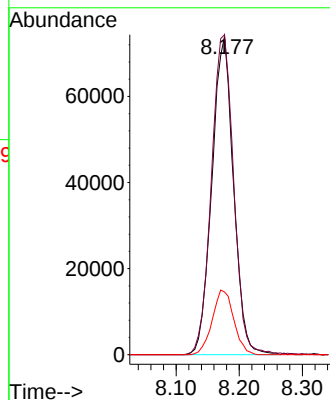
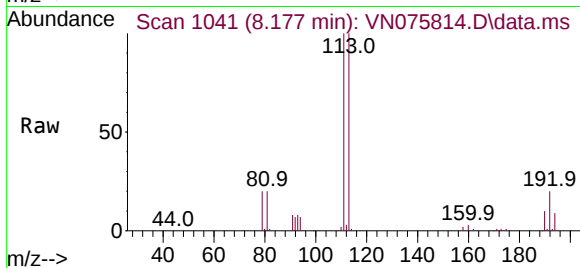
Tgt Ion:113 Resp: 175395

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 20.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.597 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

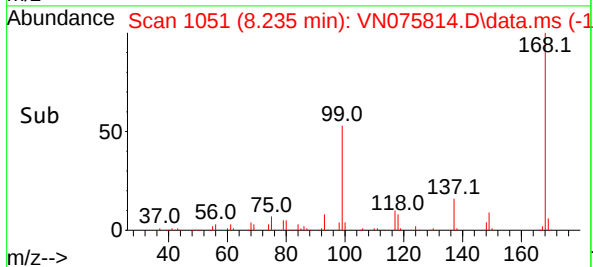
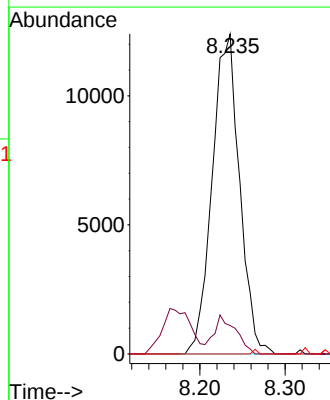
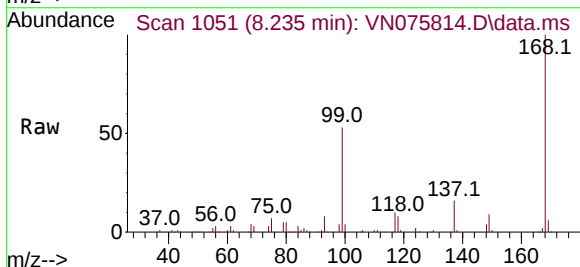
Tgt Ion: 75 Resp: 27584

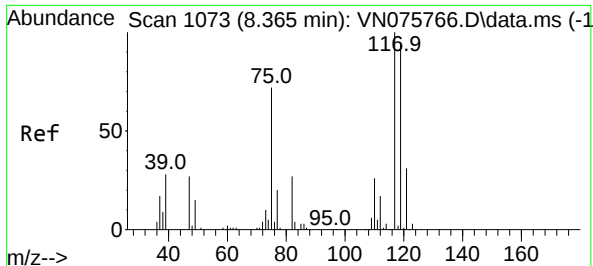
Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.4#

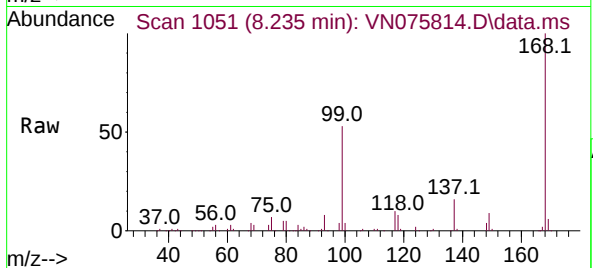
77 0.0 24.1 36.1#



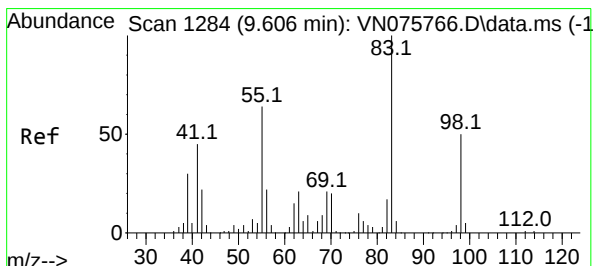
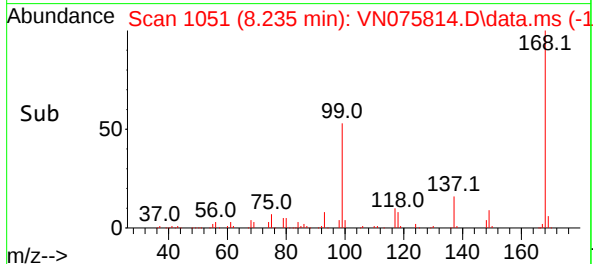
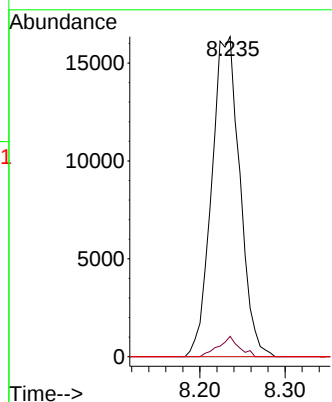


#38  
Carbon Tetrachloride  
Concen: 6.792 ug/l  
RT: 8.235 min Scan# 1073  
Delta R.T. -0.130 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Instrument :  
MSVOA\_N  
ClientSampleId :

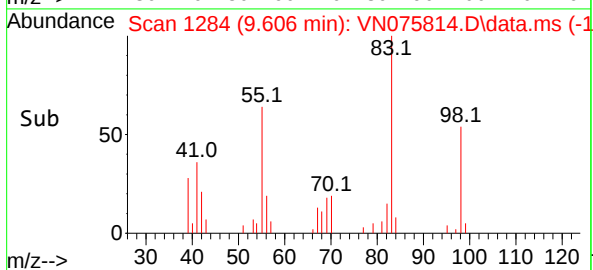
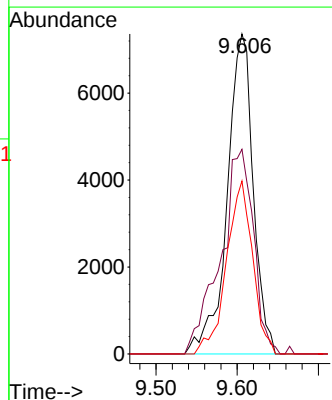
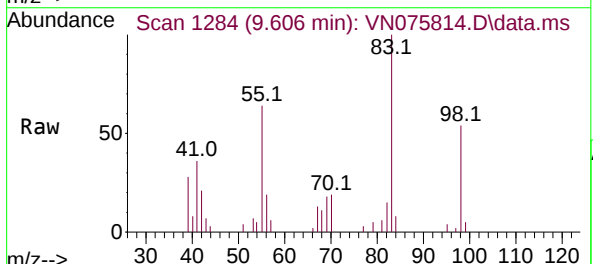


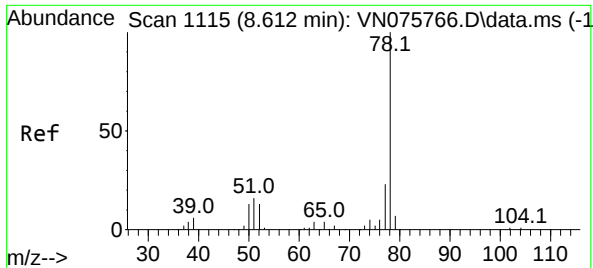
Tgt Ion:117 Resp: 37460  
Ion Ratio Lower Upper  
117 100  
119 6.4 76.1 114.1#  
121 0.0 24.5 36.7#



#39  
Methylcyclohexane  
Concen: 2.768 ug/l  
RT: 9.606 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 83 Resp: 16454  
Ion Ratio Lower Upper  
83 100  
55 64.0 51.4 77.0  
98 54.1 39.8 59.8

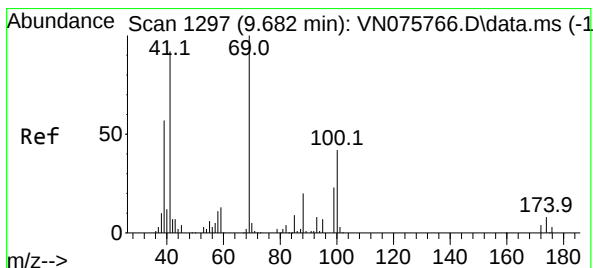
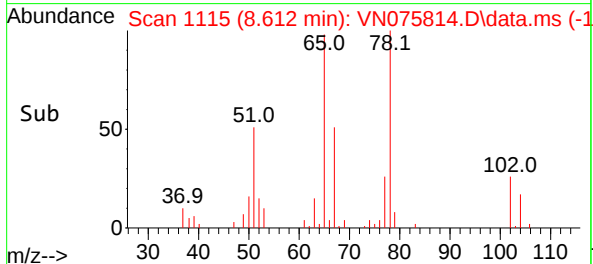
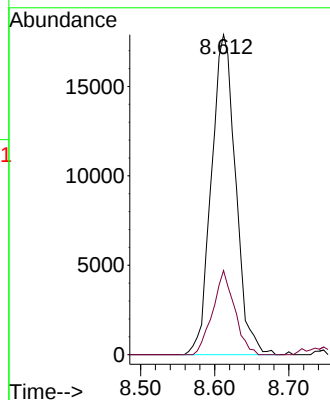
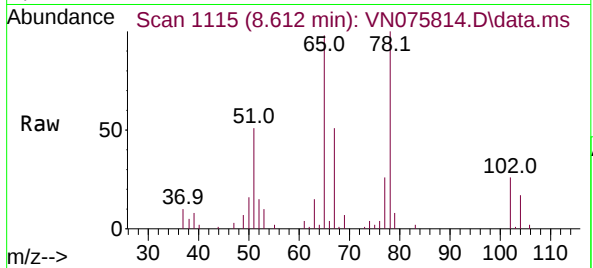




#40  
Benzene  
Concen: 2.671 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

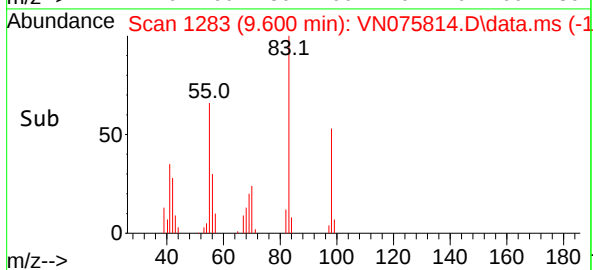
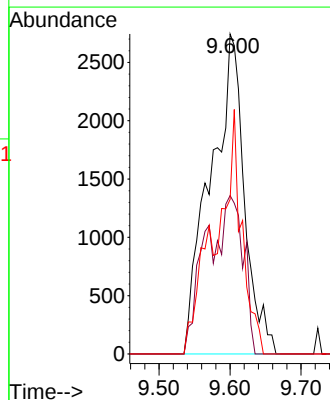
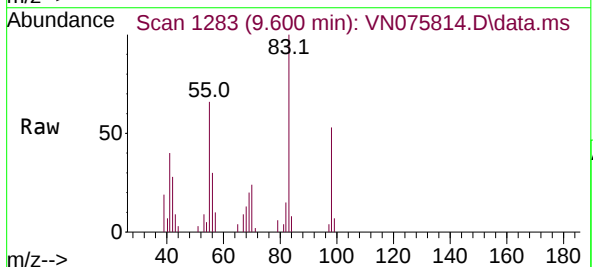
Instrument :  
MSVOA\_N  
ClientSampleId :

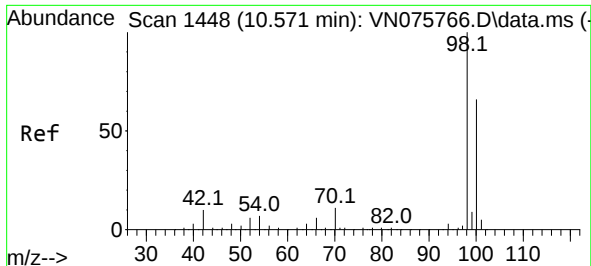
Tgt Ion: 78 Resp: 40611  
Ion Ratio Lower Upper  
78 100  
77 26.3 18.5 27.7



#48  
Methyl methacrylate  
Concen: 3.093 ug/l  
RT: 9.600 min Scan# 1283  
Delta R.T. -0.082 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 41 Resp: 9095  
Ion Ratio Lower Upper  
41 100  
69 27.4 81.9 122.9#  
39 37.3 51.6 77.4#

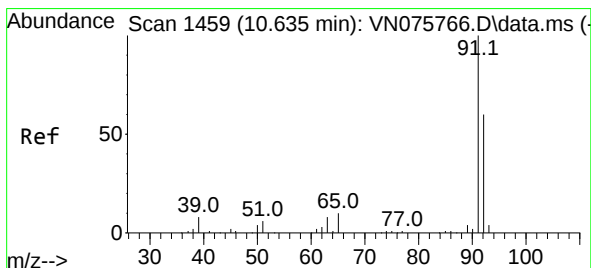
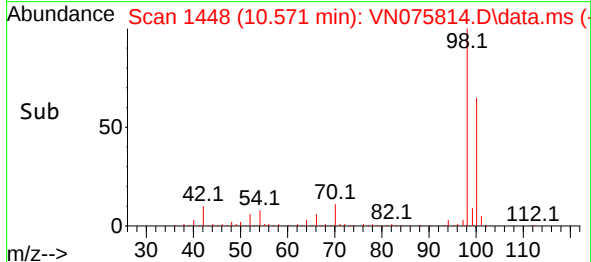
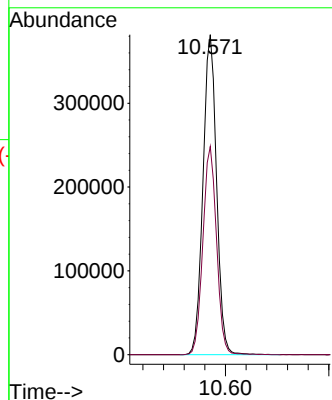
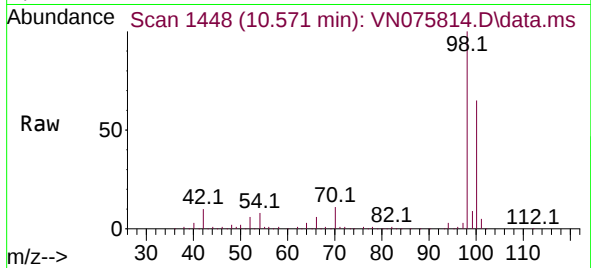




#50  
Toluene-d8  
Concen: 50.122 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

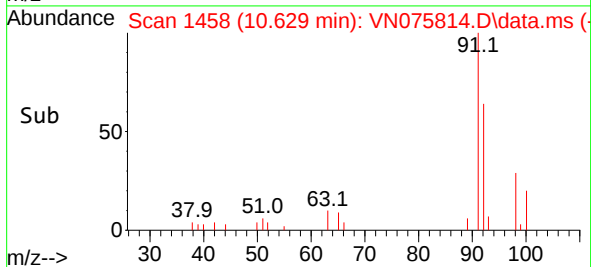
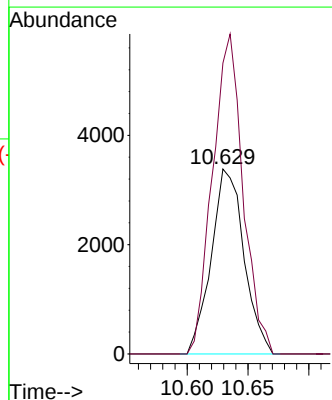
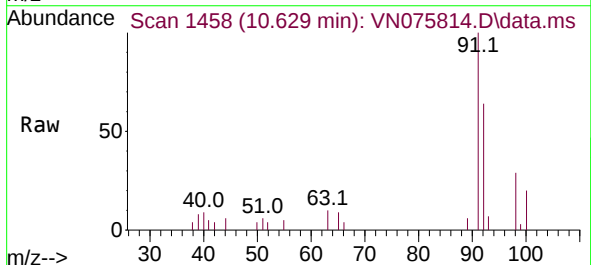
Instrument :  
MSVOA\_N  
ClientSampleId :

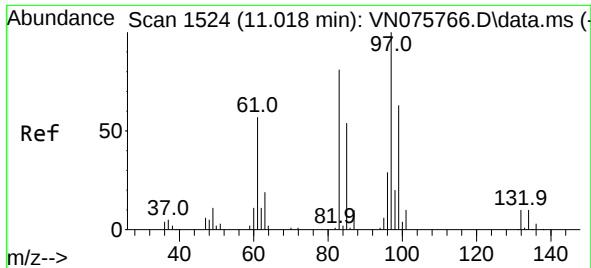
Tgt Ion: 98 Resp: 695218  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.1 78.1



#52  
Toluene  
Concen: 0.638 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

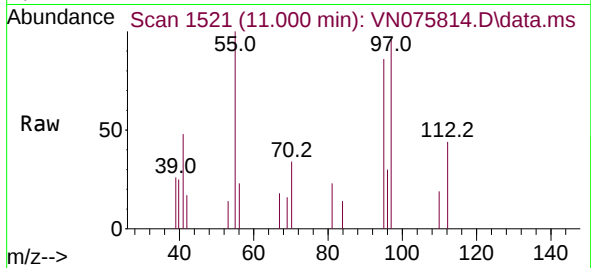
Tgt Ion: 92 Resp: 6319  
Ion Ratio Lower Upper  
92 100  
91 161.5 137.3 205.9



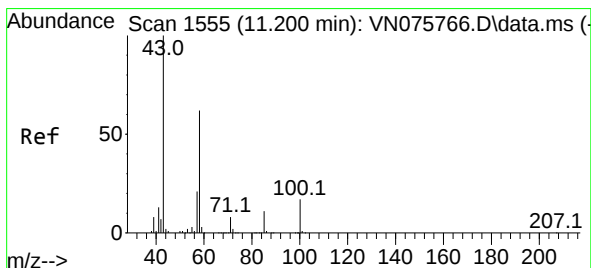
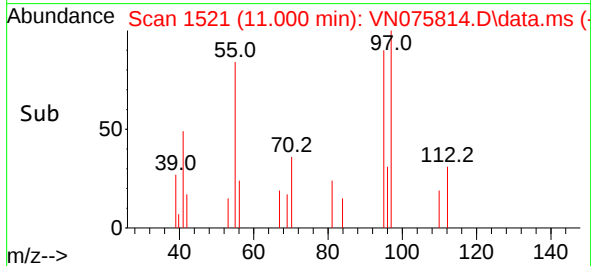
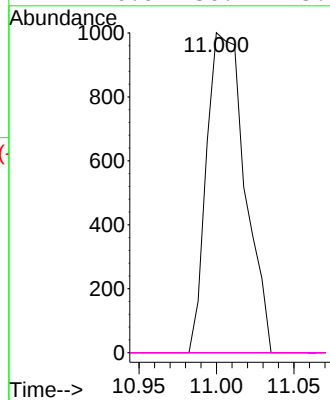


#55  
1,1,2-Trichloroethane  
Concen: 0.443 ug/l  
RT: 11.000 min Scan# 1521  
Delta R.T. -0.018 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Instrument :  
MSVOA\_N  
ClientSampleId :

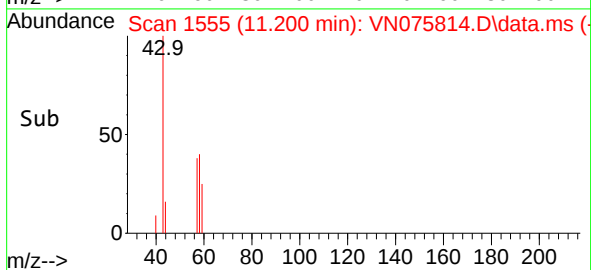
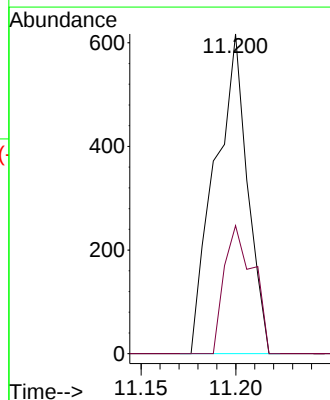
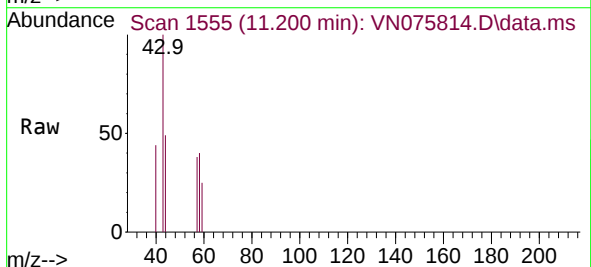


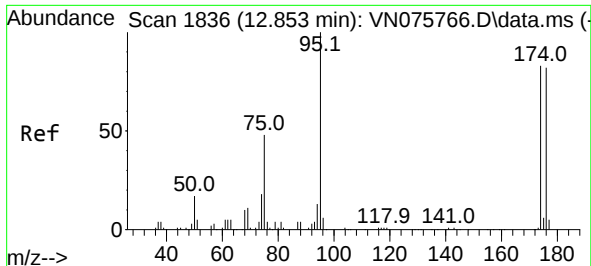
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 0.0   | 65.0  | 97.4# |
| 85      | 0.0   | 43.0  | 64.6# |
| 99      | 0.0   | 50.2  | 75.2# |



#59  
2-Hexanone  
Concen: 0.256 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 35.8  | 30.6  | 92.0  |

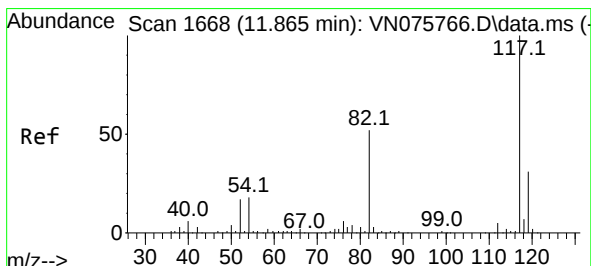
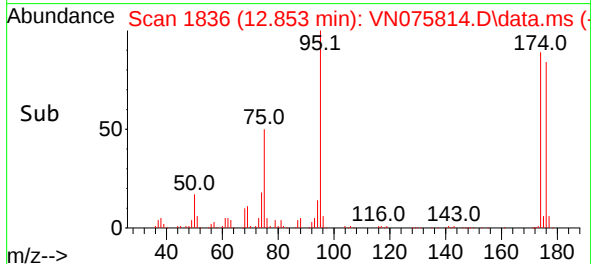
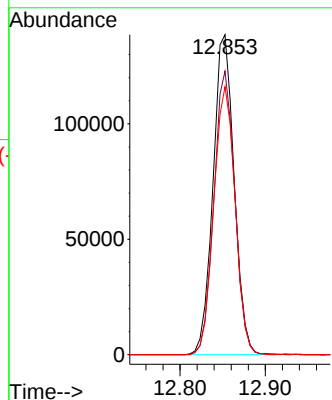
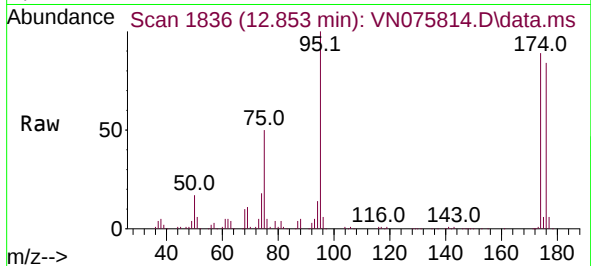




#62  
4-Bromofluorobenzene  
Concen: 51.888 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

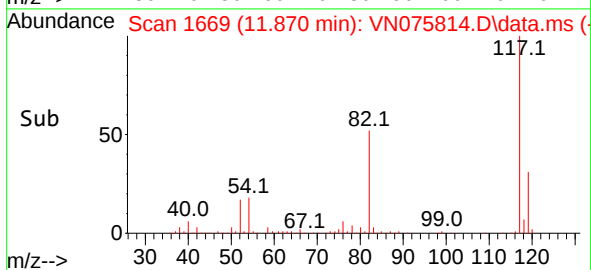
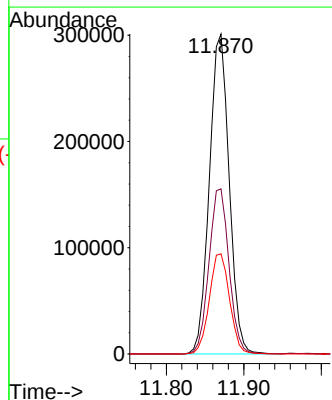
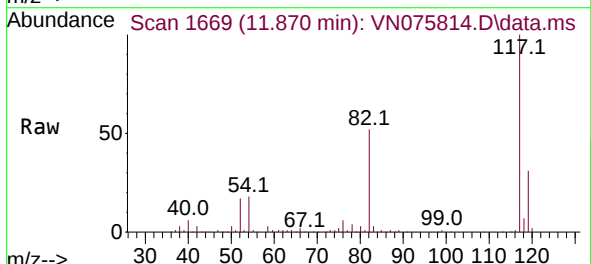
Instrument :  
MSVOA\_N  
ClientSampleId :

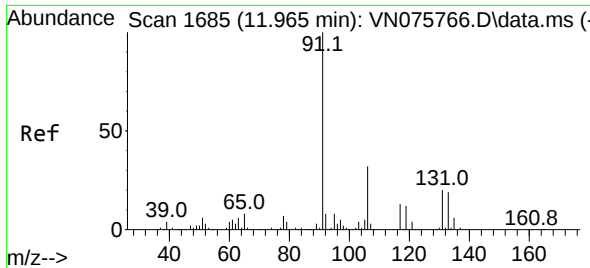
Tgt Ion: 95 Resp: 238377  
Ion Ratio Lower Upper  
95 100  
174 87.9 0.0 171.6  
176 84.4 0.0 169.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 117 Resp: 534517  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.3 61.9  
119 31.3 24.6 37.0

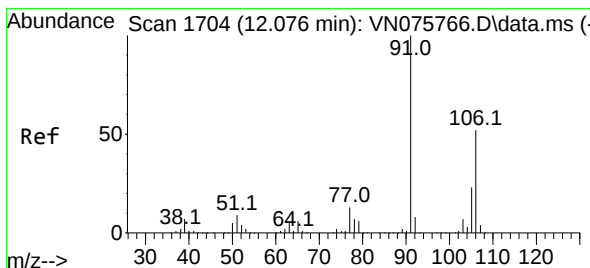
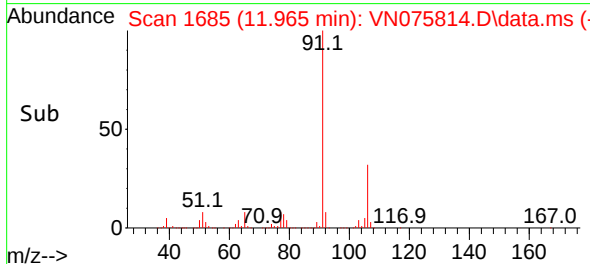
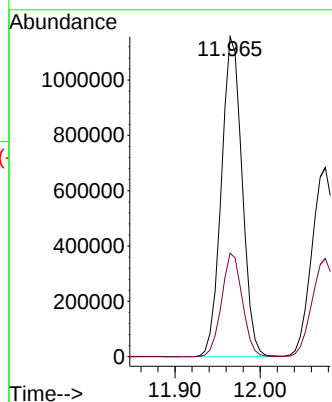
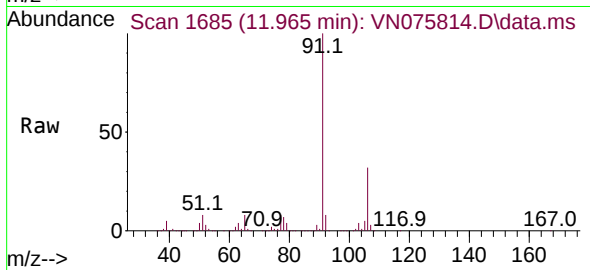




#67  
Ethyl Benzene  
Concen: 105.552 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

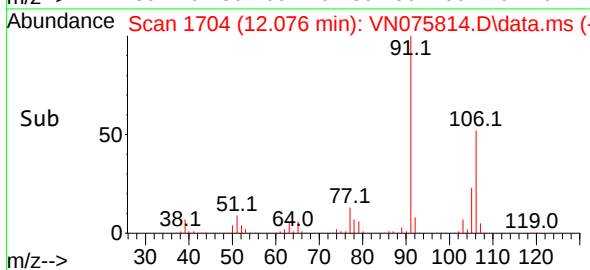
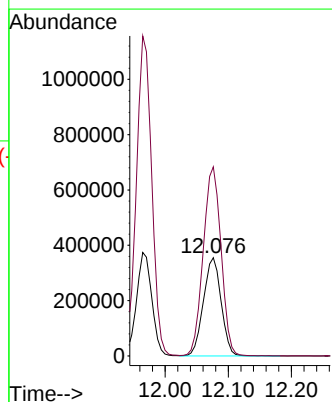
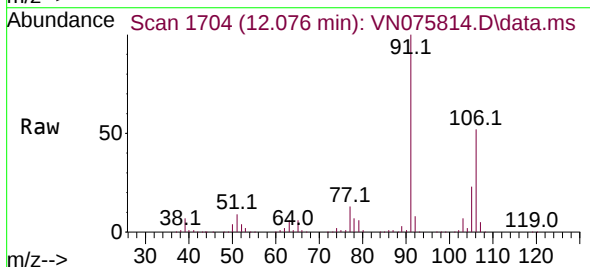
Instrument :  
MSVOA\_N  
ClientSampleId :

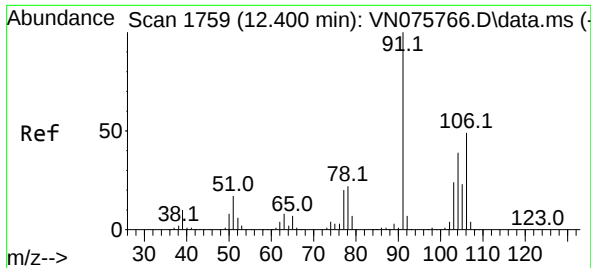
Tgt Ion: 91 Resp: 1954399  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.7 38.5



#68  
m/p-Xylenes  
Concen: 94.267 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion:106 Resp: 690849  
Ion Ratio Lower Upper  
106 100  
91 194.5 156.6 235.0

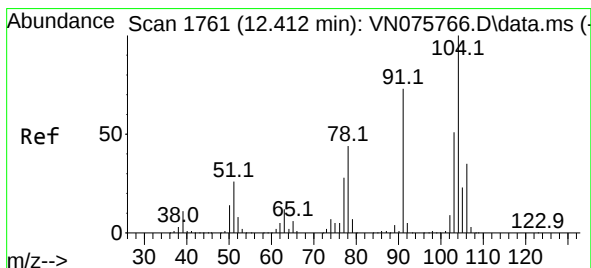
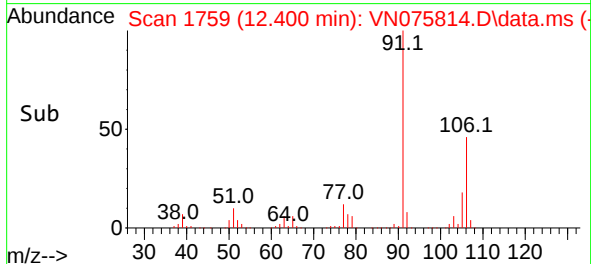
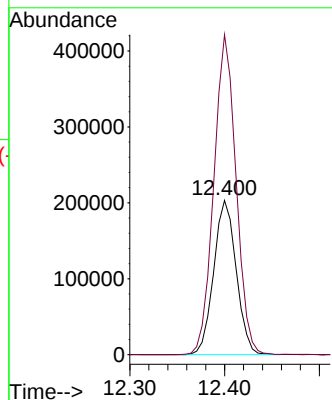
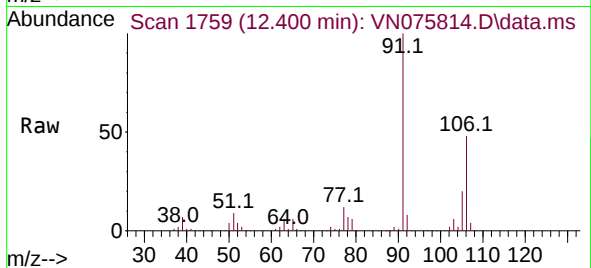




#69  
o-Xylene  
Concen: 46.255 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

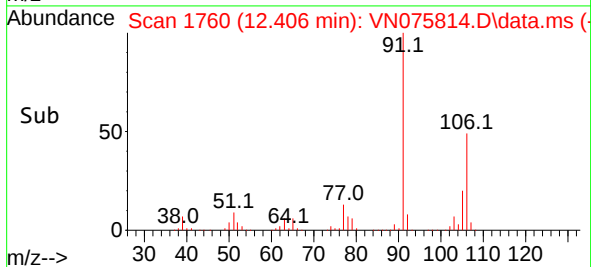
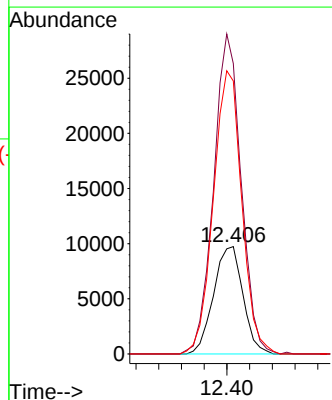
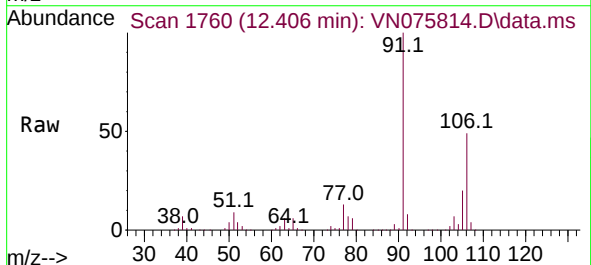
Instrument :  
MSVOA\_N  
ClientSampleId :

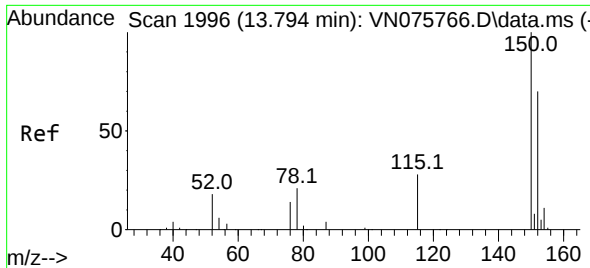
Tgt Ion:106 Resp: 335464  
Ion Ratio Lower Upper  
106 100  
91 205.1 103.8 311.6



#70  
Styrene  
Concen: 1.514 ug/l  
RT: 12.406 min Scan# 1760  
Delta R.T. -0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion:104 Resp: 17459  
Ion Ratio Lower Upper  
104 100  
78 279.1 37.5 56.3#  
103 255.7 43.5 65.3#

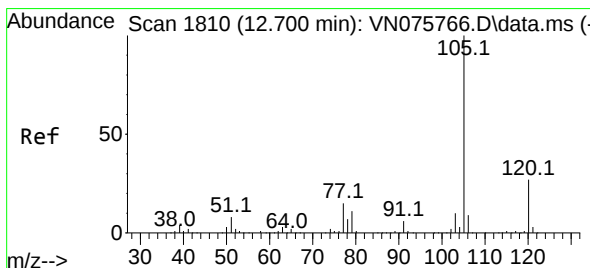
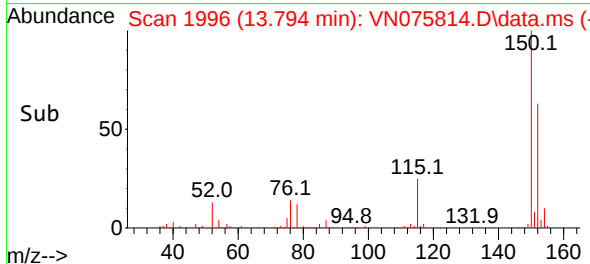
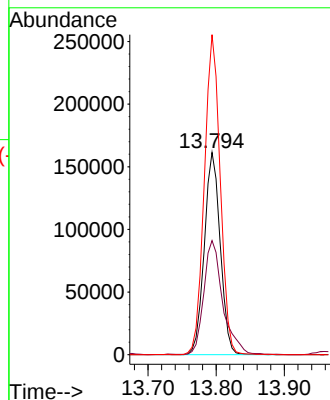
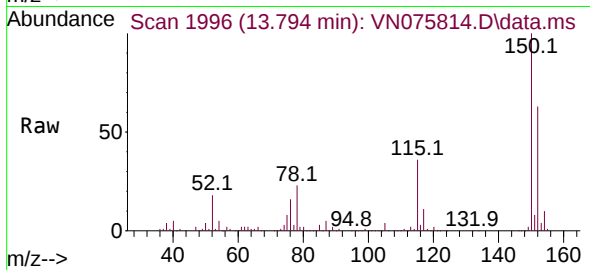




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

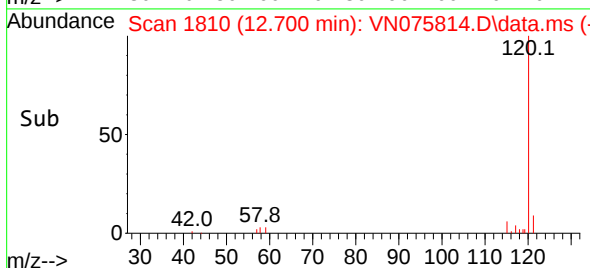
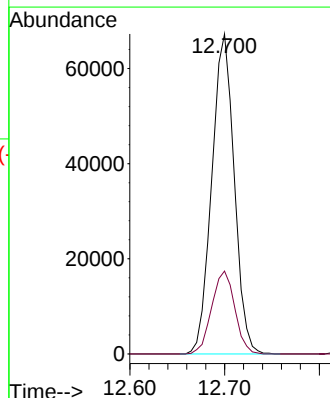
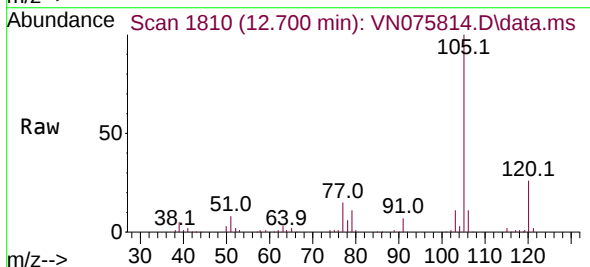
Instrument :  
MSVOA\_N  
ClientSampleId :

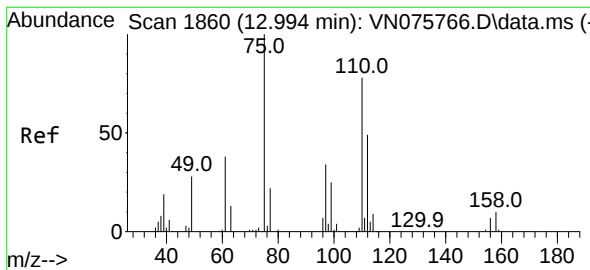
Tgt Ion:152 Resp: 262013  
Ion Ratio Lower Upper  
152 100  
115 67.7 29.1 87.4  
150 158.1 0.0 347.0



#73  
Isopropylbenzene  
Concen: 5.844 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion:105 Resp: 110643  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.4 40.2





#76

1,2,3-Trichloropropane

Concen: 23.215 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Instrument :

MSVOA\_N

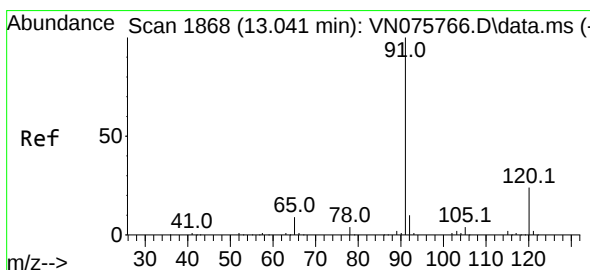
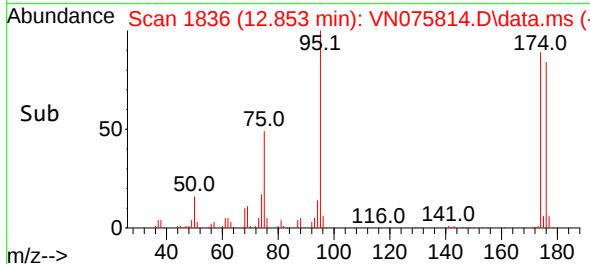
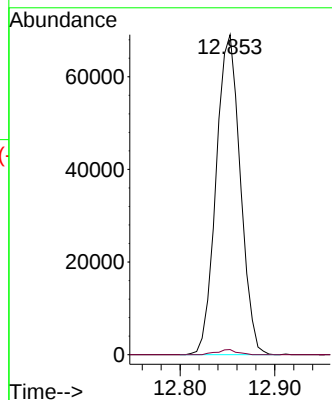
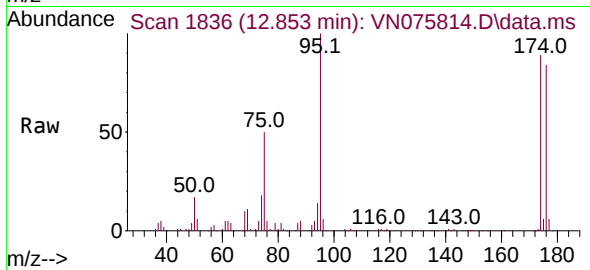
ClientSampleId :

Tgt Ion: 75 Resp: 122610

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#78

n-propylbenzene

Concen: 16.039 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN075814.D

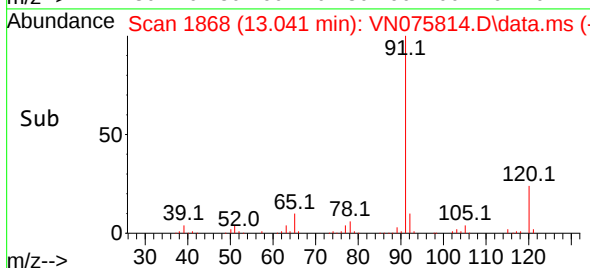
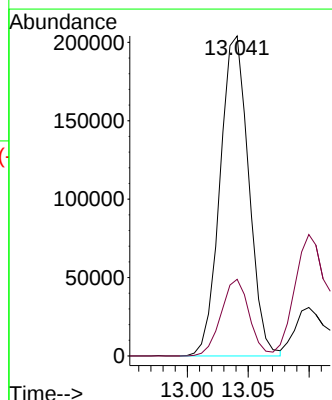
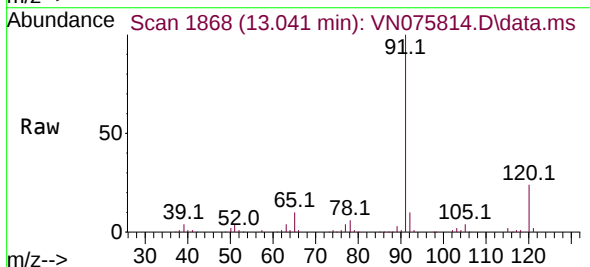
Acq: 15 Dec 2022 13:48

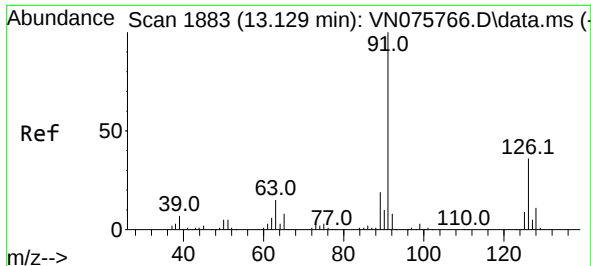
Tgt Ion: 91 Resp: 334941

Ion Ratio Lower Upper

91 100

120 23.5 12.0 36.1

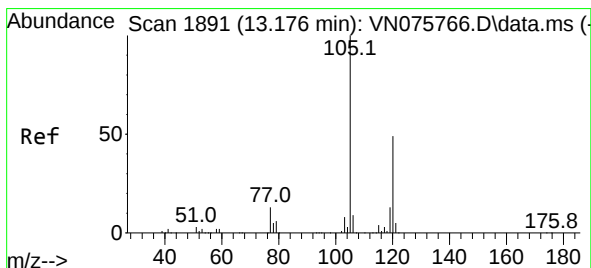
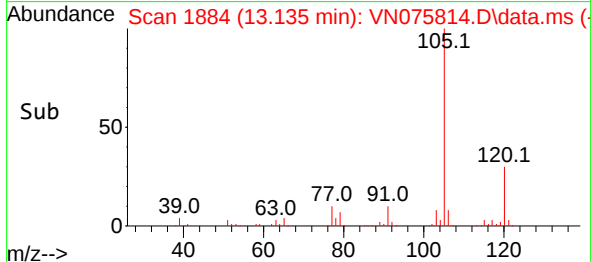
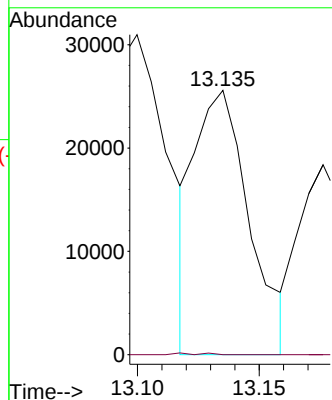
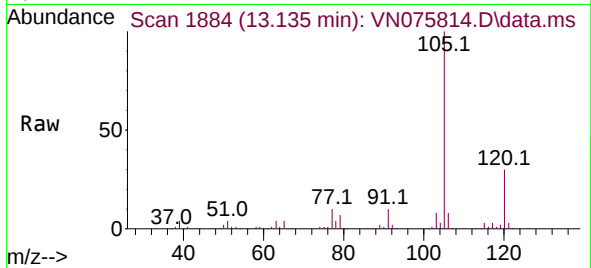




#79  
2-Chlorotoluene  
Concen: 3.064 ug/l  
RT: 13.135 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

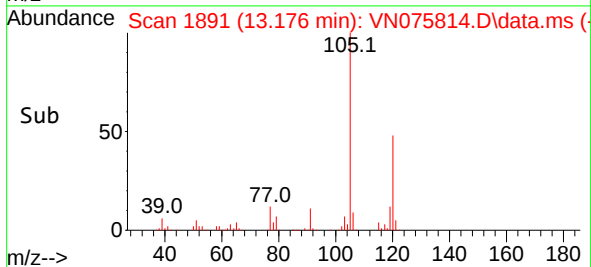
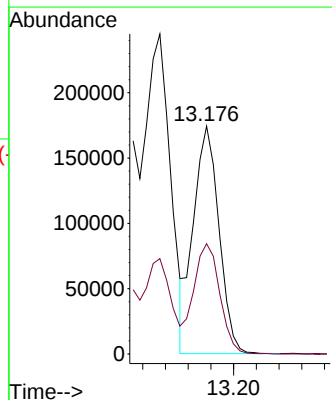
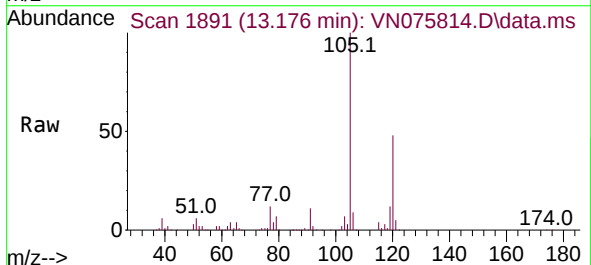
Instrument :  
MSVOA\_N  
ClientSampleId :

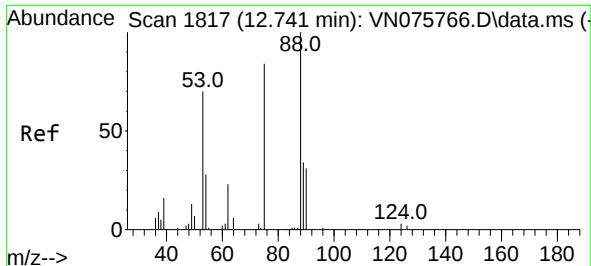
Tgt Ion: 91 Resp: 39941  
Ion Ratio Lower Upper  
91 100  
126 0.3 17.5 52.5#



#80  
1,3,5-Trimethylbenzene  
Concen: 17.193 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 105 Resp: 272460  
Ion Ratio Lower Upper  
105 100  
120 50.1 24.7 74.1

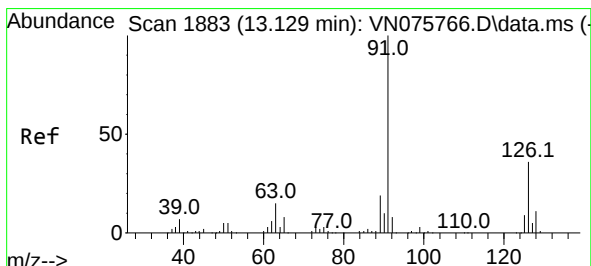
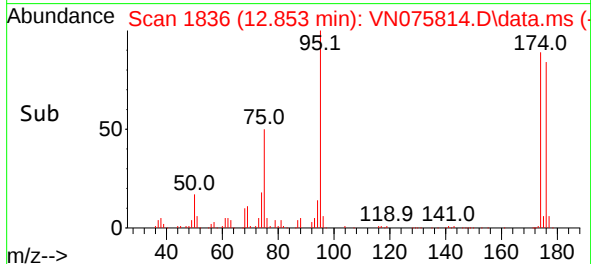
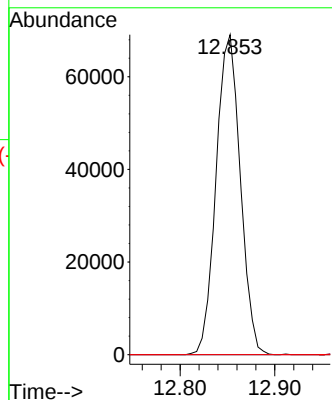
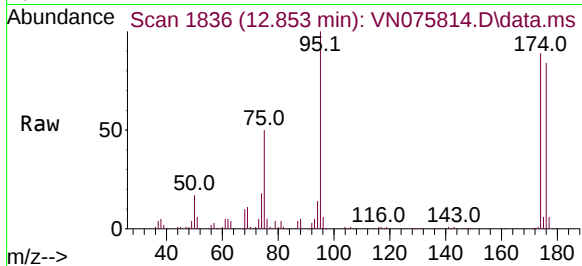




#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.562 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.112 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

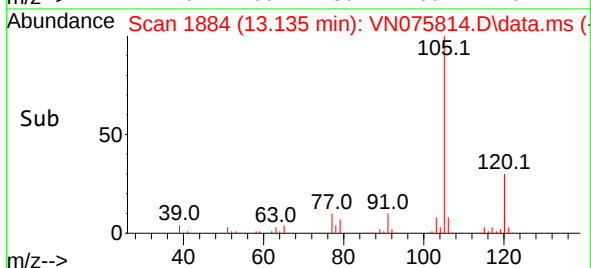
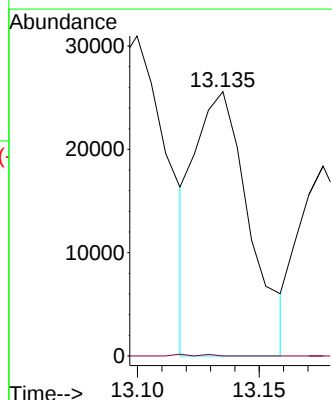
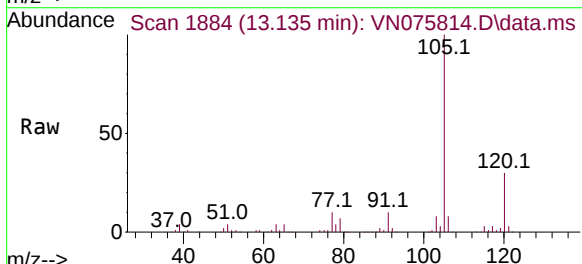
Instrument :  
MSVOA\_N  
ClientSampleId :

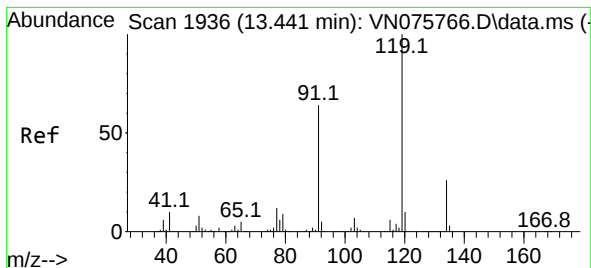
Tgt Ion: 75 Resp: 122610  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.8 110.6#  
89 0.0 39.5 59.3#



#82  
4-Chlorotoluene  
Concen: 3.064 ug/l  
RT: 13.135 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 91 Resp: 39941  
Ion Ratio Lower Upper  
91 100  
126 0.3 17.5 52.5#





#83

tert-Butylbenzene

Concen: 12.299 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.041 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Instrument :

MSVOA\_N

ClientSampleId :

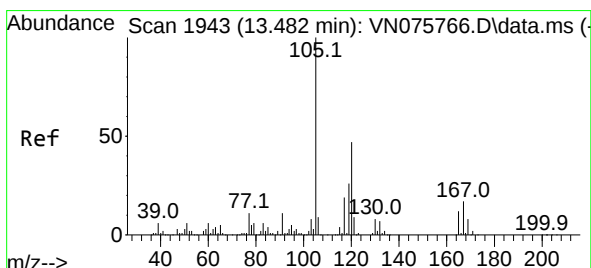
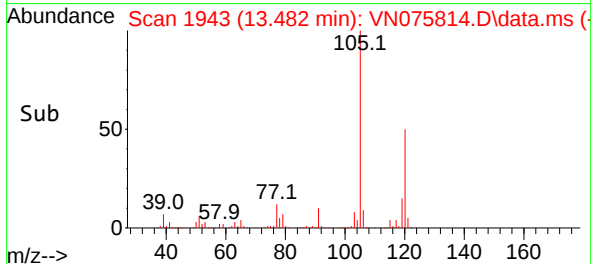
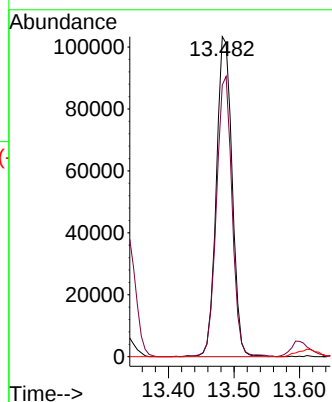
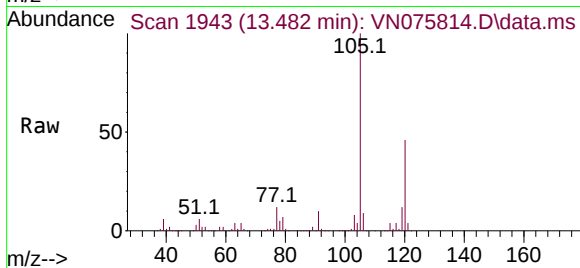
Tgt Ion:119 Resp: 171838

Ion Ratio Lower Upper

119 100

91 87.1 31.9 95.5

134 0.0 13.8 41.4#



#84

1,2,4-Trimethylbenzene

Concen: 89.841 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN075814.D

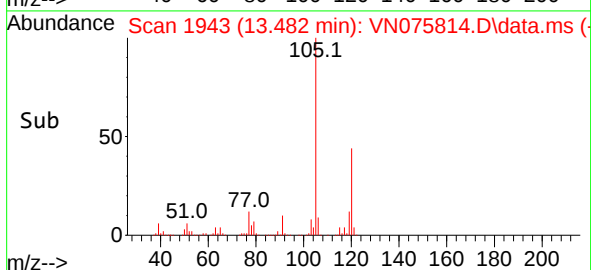
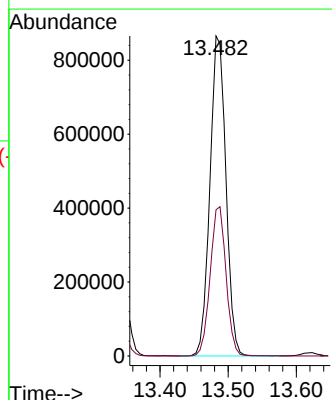
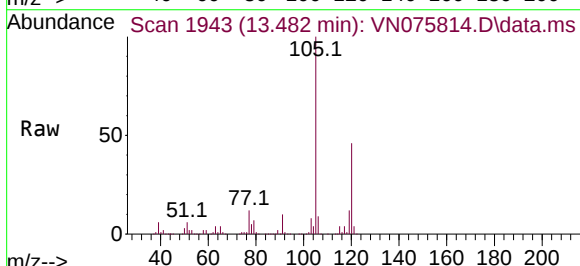
Acq: 15 Dec 2022 13:48

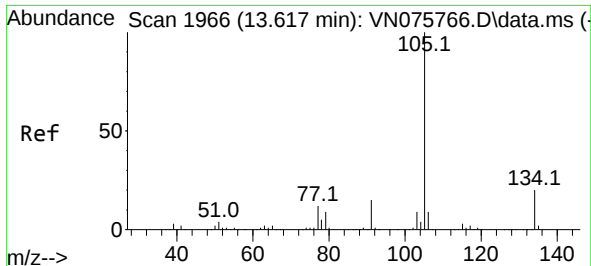
Tgt Ion:105 Resp: 1412372

Ion Ratio Lower Upper

105 100

120 46.3 23.3 69.8

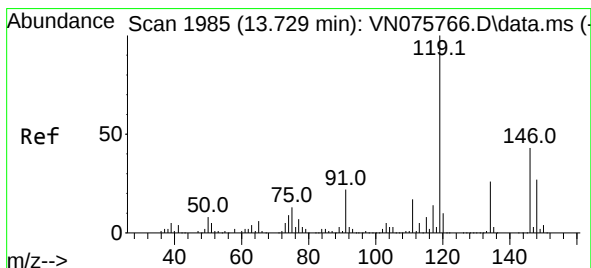
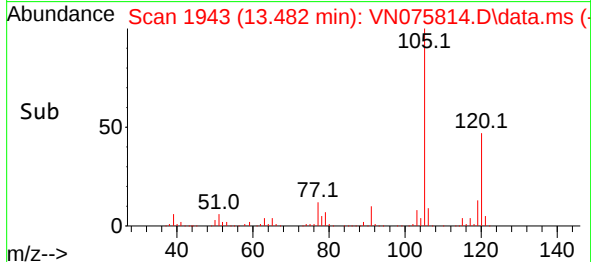
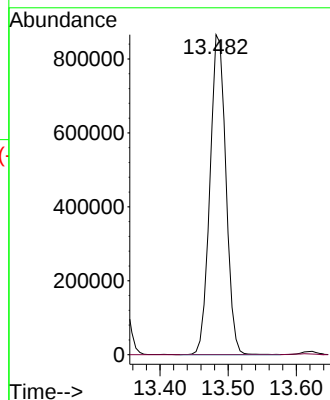
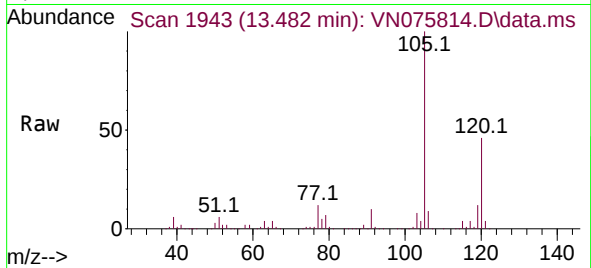




#85  
 sec-Butylbenzene  
 Concen: 73.239 ug/l  
 RT: 13.482 min Scan# 1943  
 Delta R.T. -0.135 min  
 Lab File: VN075814.D  
 Acq: 15 Dec 2022 13:48

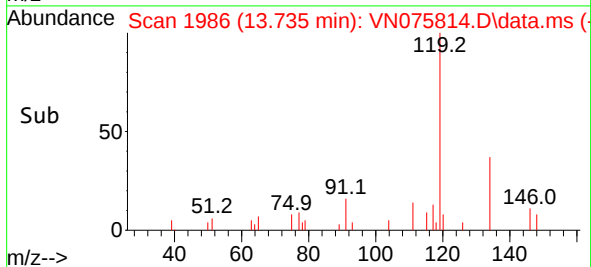
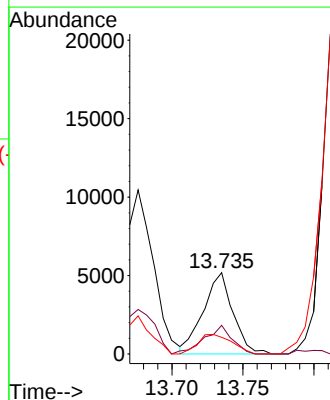
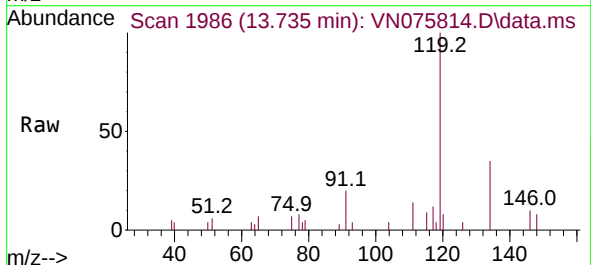
Instrument :  
 MSVOA\_N  
 ClientSampleId :

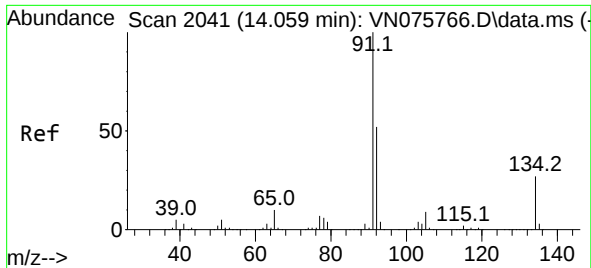
Tgt Ion:105 Resp: 1412372  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.1 30.1#



#86  
 p-Isopropyltoluene  
 Concen: 0.468 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.006 min  
 Lab File: VN075814.D  
 Acq: 15 Dec 2022 13:48

Tgt Ion:119 Resp: 7516  
 Ion Ratio Lower Upper  
 119 100  
 134 31.9 13.0 39.0  
 91 0.0 11.2 33.6#

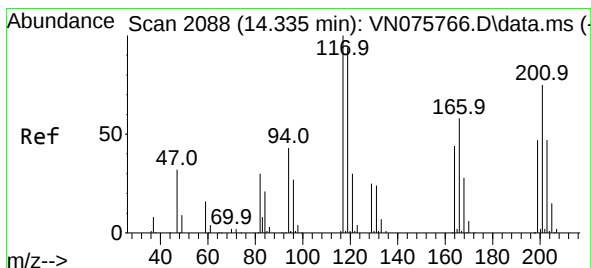
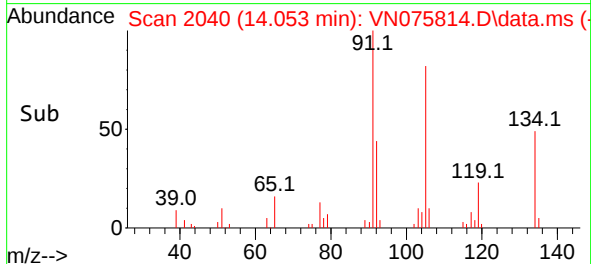
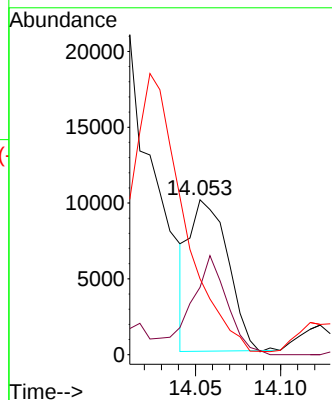
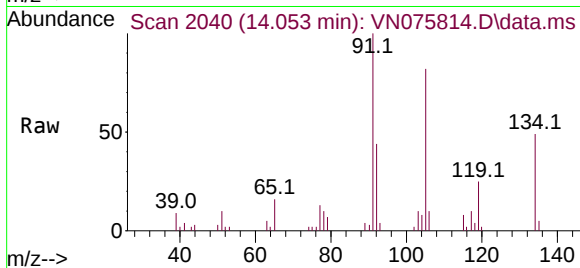




#89  
n-Butylbenzene  
Concen: 1.198 ug/l  
RT: 14.053 min Scan# 2040  
Delta R.T. -0.006 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

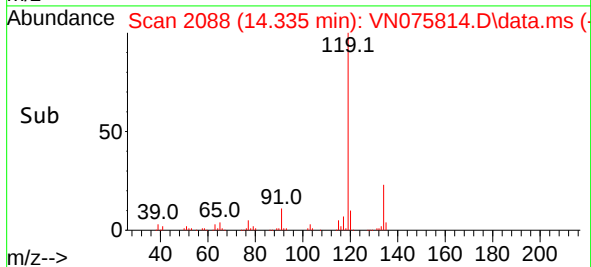
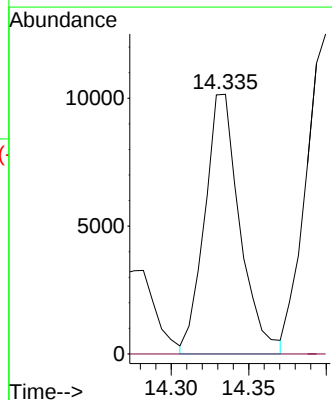
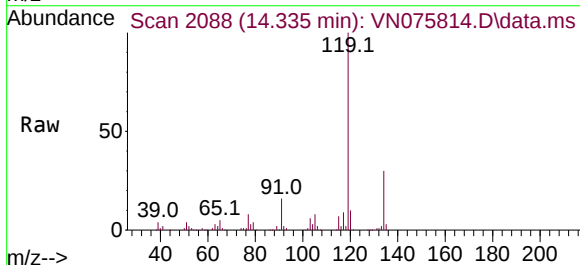
Instrument :  
MSVOA\_N  
ClientSampleId :

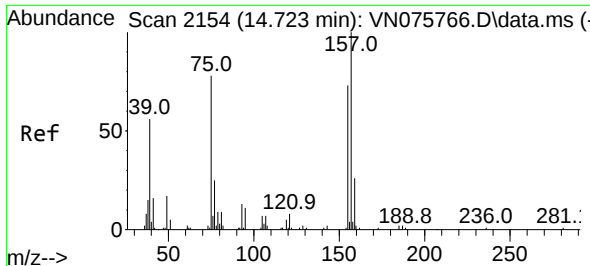
Tgt Ion: 91 Resp: 15569  
Ion Ratio Lower Upper  
91 100  
92 61.6 26.4 79.2  
134 0.0 13.4 40.2#



#90  
Hexachloroethane  
Concen: 5.586 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VN075814.D  
Acq: 15 Dec 2022 13:48

Tgt Ion: 117 Resp: 16034  
Ion Ratio Lower Upper  
117 100  
201 0.0 38.0 114.1#

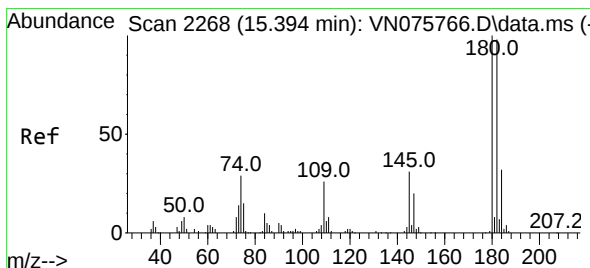
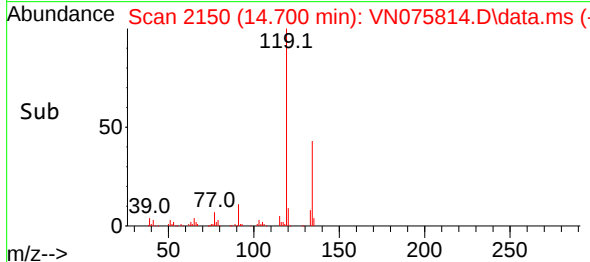
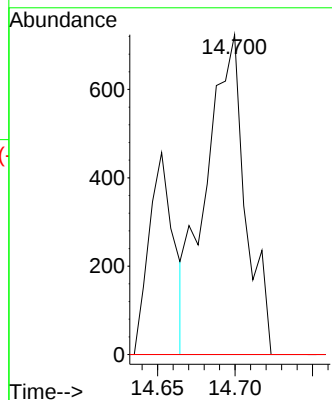
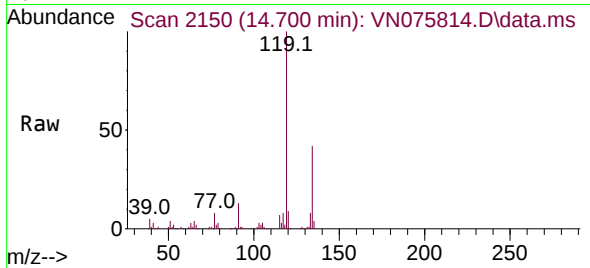




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.230 ug/l  
 RT: 14.700 min Scan# 2150  
 Delta R.T. -0.024 min  
 Lab File: VN075814.D  
 Acq: 15 Dec 2022 13:48

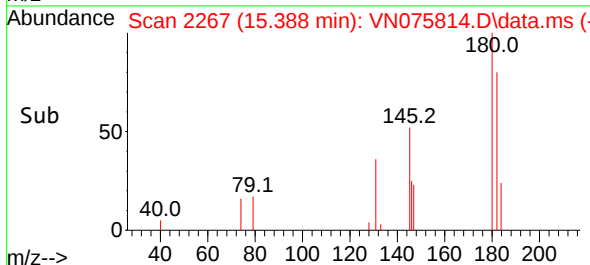
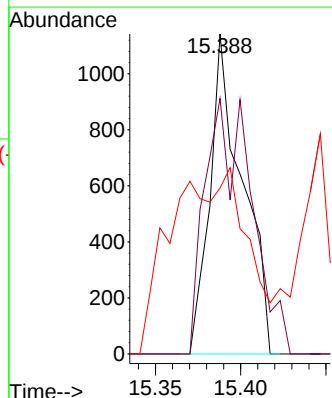
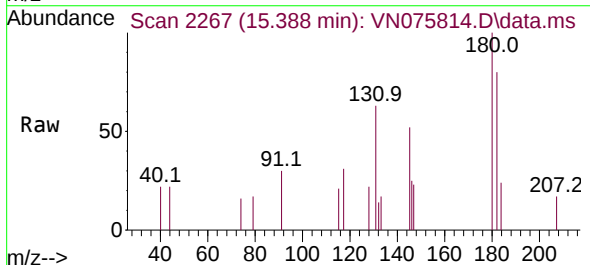
Instrument :  
 MSVOA\_N  
 ClientSampleId :

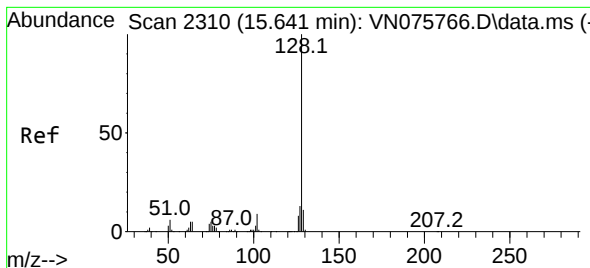
Tgt Ion: 75 Resp: 1278  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 49.3 147.8#  
 157 0.0 63.7 191.3#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.350 ug/l  
 RT: 15.388 min Scan# 2267  
 Delta R.T. -0.006 min  
 Lab File: VN075814.D  
 Acq: 15 Dec 2022 13:48

Tgt Ion: 180 Resp: 1510  
 Ion Ratio Lower Upper  
 180 100  
 182 114.5 47.5 142.5  
 145 77.8 15.3 45.8#





#95

Naphthalene

Concen: 32.488 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Instrument :

MSVOA\_N

ClientSampleId :

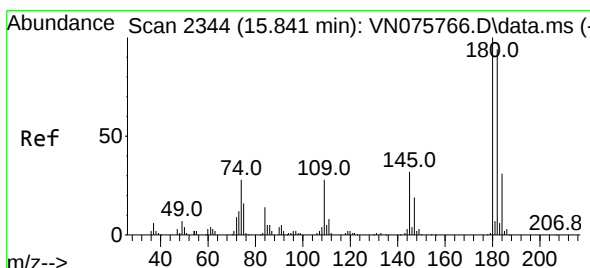
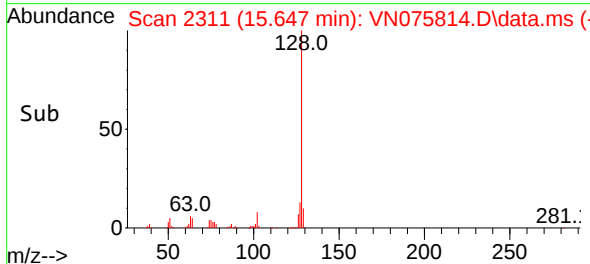
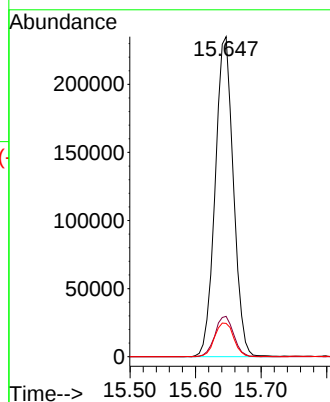
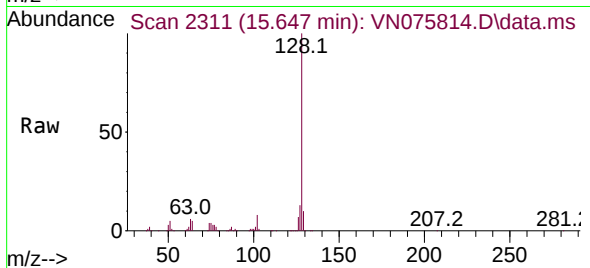
Tgt Ion:128 Resp: 451904

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.339 ug/l

RT: 15.853 min Scan# 2346

Delta R.T. 0.012 min

Lab File: VN075814.D

Acq: 15 Dec 2022 13:48

Tgt Ion:180 Resp: 1367

Ion Ratio Lower Upper

180 100

182 91.4 47.0 141.0

145 0.0 16.0 47.9#

