

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090722\  
 Data File : VV027774.D  
 Acq On : 07 Sep 2022 11:39  
 Operator : SY/MD  
 Sample : N4404-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Sep 08 07:54:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR090622WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 07 06:13:02 2022  
 Response via : Initial Calibration

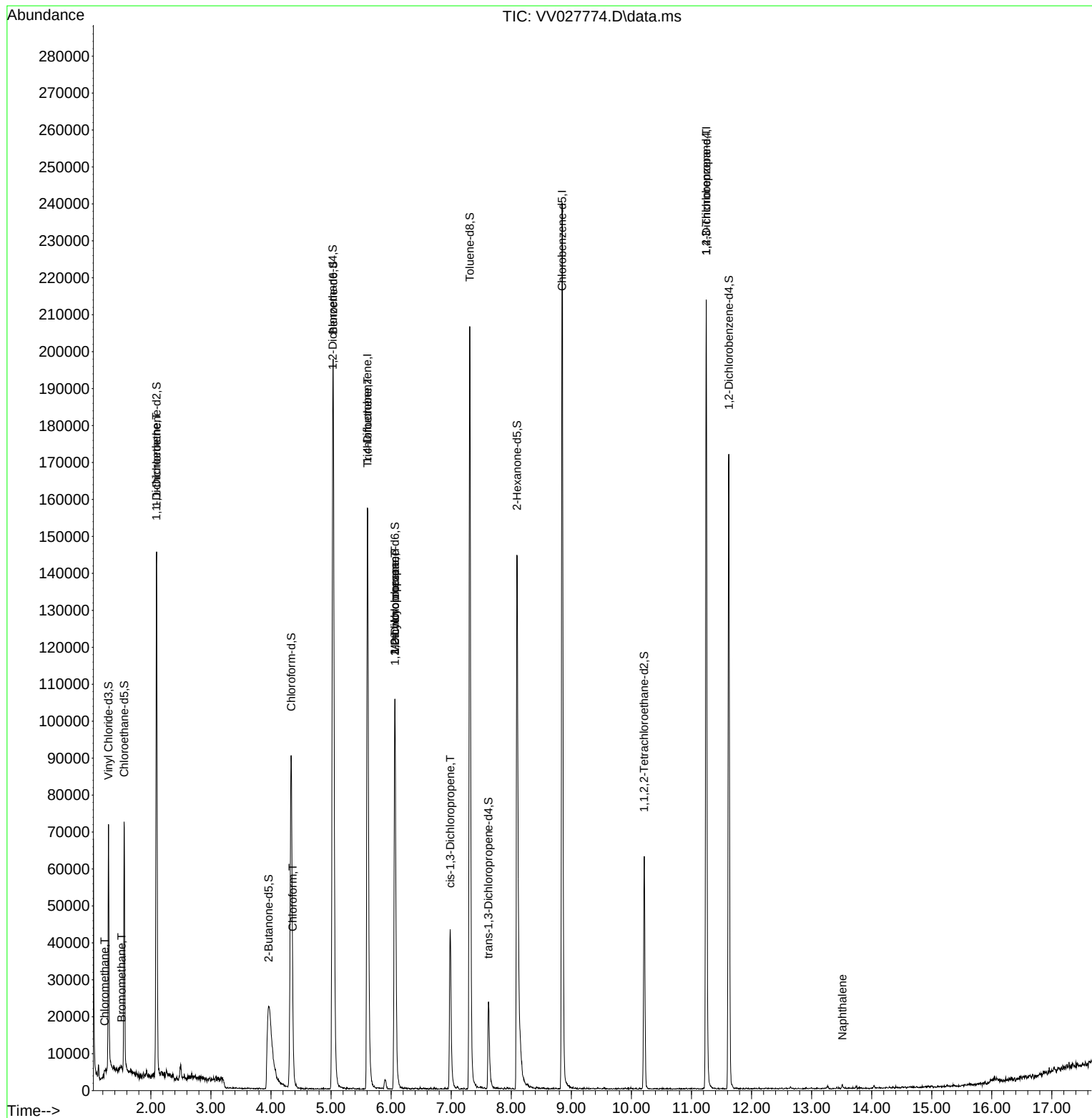
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.606  | 114   | 136923   | 5.000    | ug/L   | 0.01     |
| 28) Chlorobenzene-d5          | 8.847  | 117   | 134167   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 58124    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.294  | 65    | 45277    | 5.016    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 100.400% |
| 7) Chloroethane-d5            | 1.555  | 69    | 41131    | 5.372    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 107.400% |
| 11) 1,1-Dichloroethene-d2     | 2.095  | 63    | 73373    | 3.831    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.600%  |
| 20) 2-Butanone-d5             | 3.960  | 46    | 75767    | 37.879   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 75.760%  |
| 24) Chloroform-d              | 4.336  | 84    | 93547    | 5.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.200% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 45304    | 4.603    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.000%  |
| 32) Benzene-d6                | 5.037  | 84    | 169629   | 4.358    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67    | 48137    | 4.224    | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 7.310  | 98    | 140371   | 4.289    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.800%  |
| 43) trans-1,3-Dichloroprop... | 7.619  | 79    | 14957    | 3.912    | ug/L   | -0.02    |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.200%  |
| 46) 2-Hexanone-d5             | 8.095  | 63    | 49371    | 34.741   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 69.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 28276    | 3.864    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 77.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 45040    | 4.717    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.230  | 50    | 582      | 0.048    | ug/L   | 98       |
| 6) Bromomethane               | 1.513  | 94    | 497      | 0.075    | ug/L   | 85       |
| 12) 1,1-Dichloroethene        | 2.092  | 96    | 814      | 0.090    | ug/L # | 1        |
| 25) Chloroform                | 4.362  | 83    | 3284     | 0.165    | ug/L   | 95       |
| 34) Trichloroethene           | 5.609  | 95    | 4083     | 0.368    | ug/L # | 5        |
| 35) Methylcyclohexane         | 6.063  | 83    | 13469    | 0.791    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 5826     | 0.554    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.986  | 75    | 1194     | 0.090    | ug/L # | 75       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 5616     | 1.220    | ug/L # | 62       |
| 71) Naphthalene               | 13.513 | 128   | 1315     | 0.076    | ug/L # | 79       |
| -----                         |        |       |          |          |        |          |

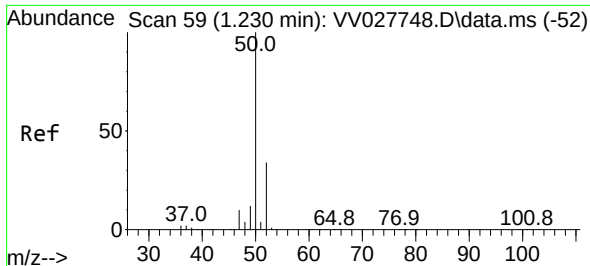
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 06:13:02 2022  
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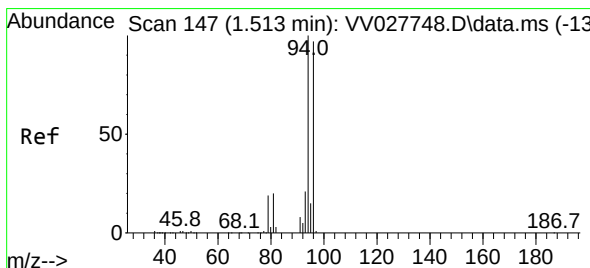
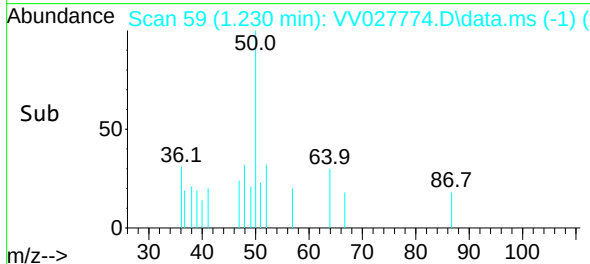
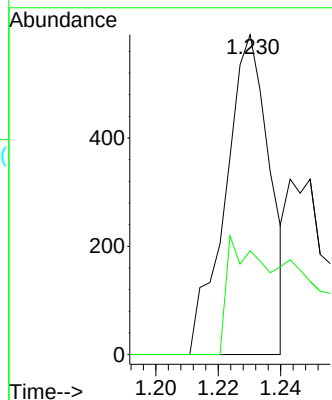
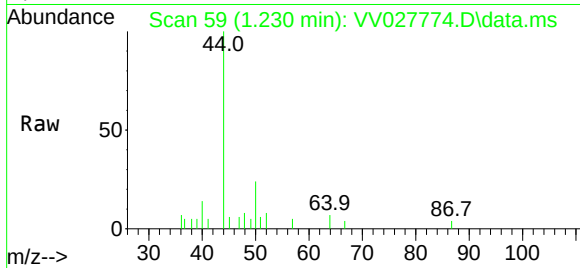




#3  
Chloromethane  
Concen: 0.048 ug/L  
RT: 1.230 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VV027774.D  
Acq: 07 Sep 2022 11:39

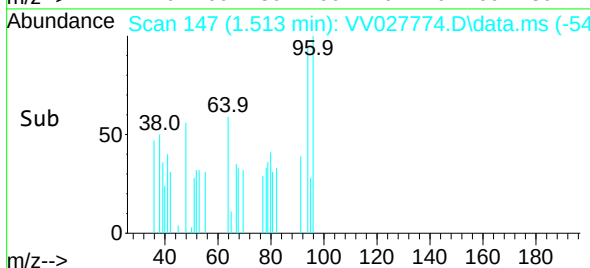
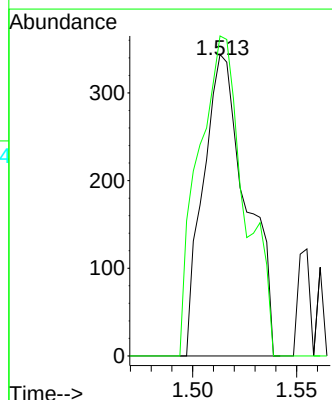
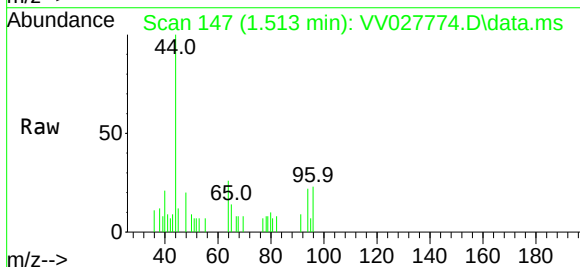
Instrument :  
MSVOA\_V  
ClientSampleId :  
VHBLK001

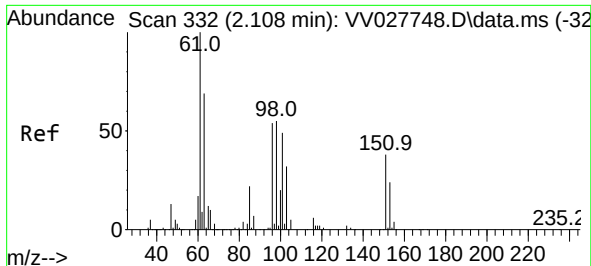
Tgt Ion: 50 Resp: 582  
Ion Ratio Lower Upper  
50 100  
52 32.5 22.1 41.1



#6  
Bromomethane  
Concen: 0.075 ug/L  
RT: 1.513 min Scan# 147  
Delta R.T. 0.000 min  
Lab File: VV027774.D  
Acq: 07 Sep 2022 11:39

Tgt Ion: 94 Resp: 497  
Ion Ratio Lower Upper  
94 100  
96 106.1 64.2 119.2





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.092 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV027774.D

Acq: 07 Sep 2022 11:39

Instrument :

MSVOA\_V

ClientSampleId :

VHBLK001

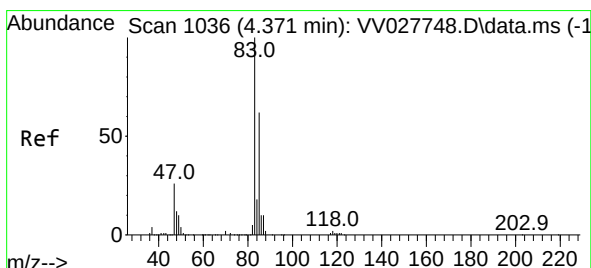
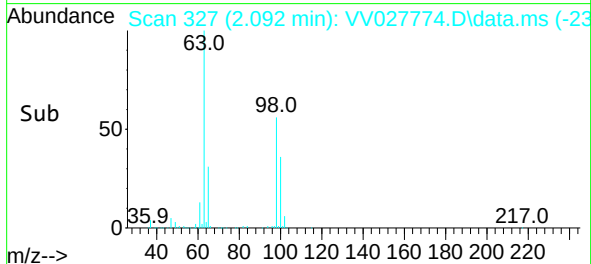
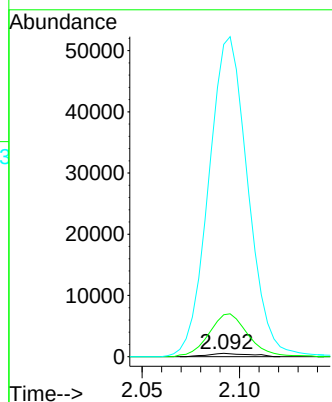
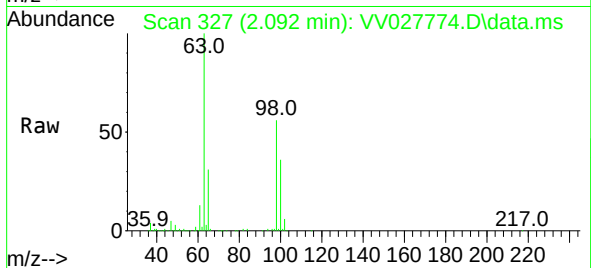
Tgt Ion: 96 Resp: 814

Ion Ratio Lower Upper

96 100

61 1269.6 129.9 241.3#

63 9447.4 94.6 175.8#



#25

Chloroform

Concen: 0.165 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.009 min

Lab File: VV027774.D

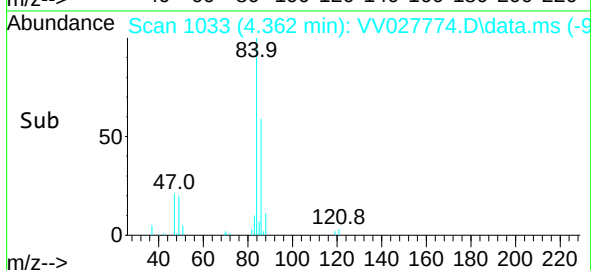
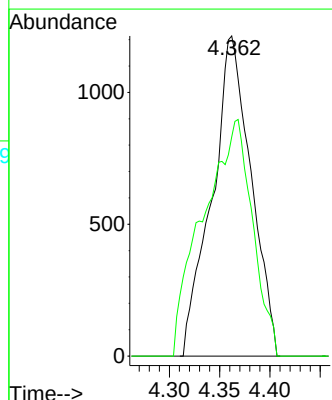
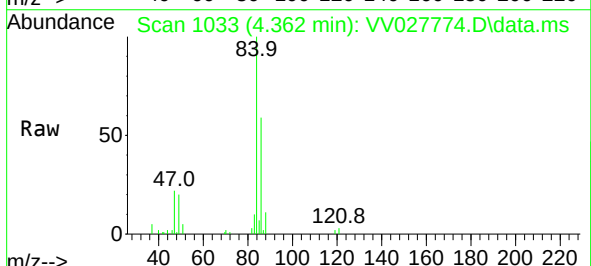
Acq: 07 Sep 2022 11:39

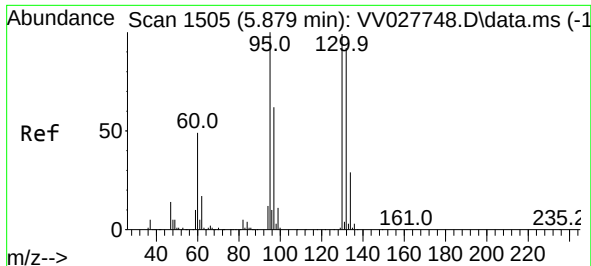
Tgt Ion: 83 Resp: 3284

Ion Ratio Lower Upper

83 100

85 68.5 45.4 84.2

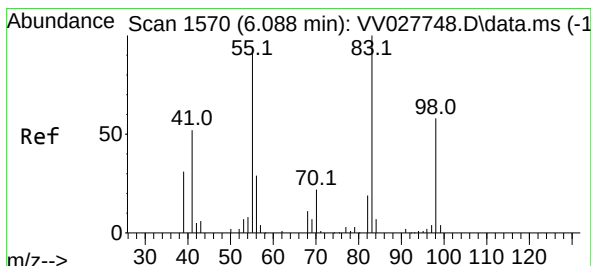
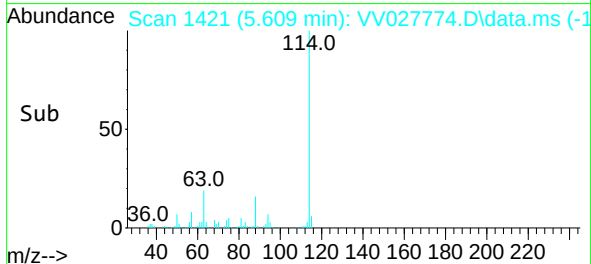
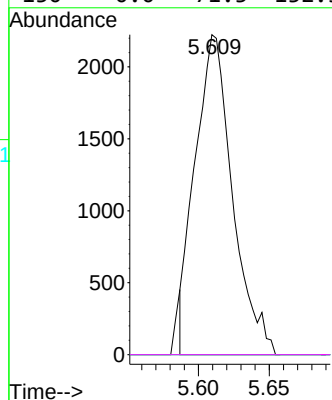
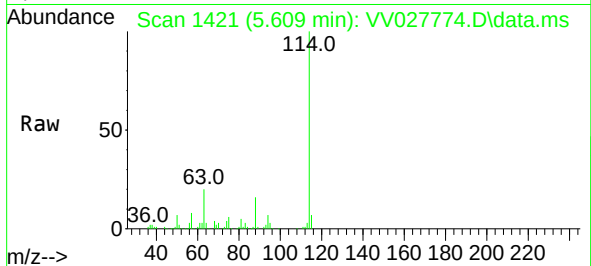




#34  
Trichloroethene  
Concen: 0.368 ug/L  
RT: 5.609 min Scan# 14  
Delta R.T. -0.270 min  
Lab File: VV027774.D  
Acq: 07 Sep 2022 11:39

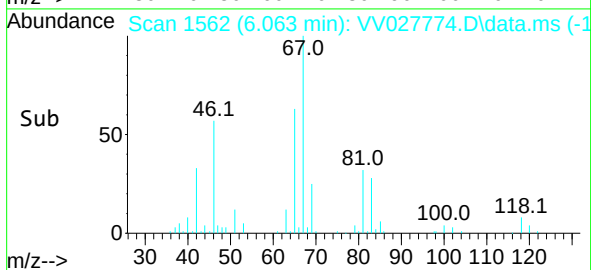
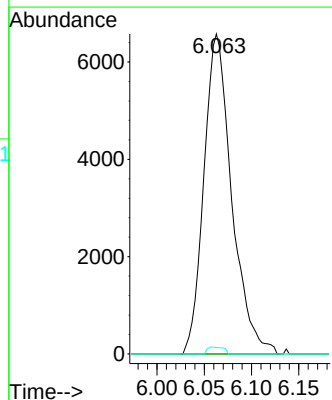
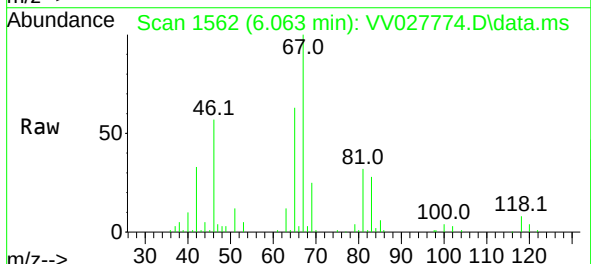
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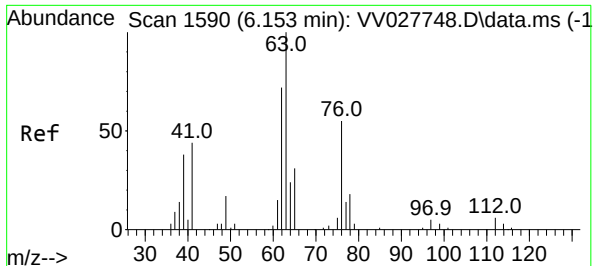
|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 4083  |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 97 0.0      | 42.9 79.7#  |
| 132 0.0     | 67.9 126.1# |
| 130 0.0     | 71.3 132.3# |



#35  
Methylcyclohexane  
Concen: 0.791 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.025 min  
Lab File: VV027774.D  
Acq: 07 Sep 2022 11:39

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 13469 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 61.9 92.9#  |
| 98 1.3      | 37.5 56.3#  |





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV027774.D

Acq: 07 Sep 2022 11:39

Instrument :

MSVOA\_V

ClientSampleId :

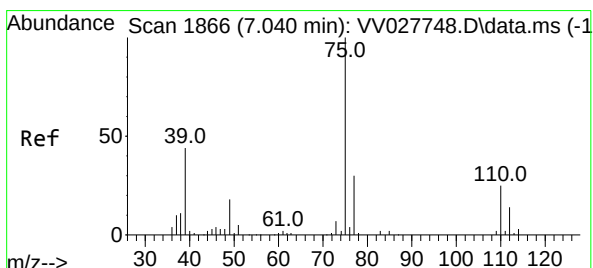
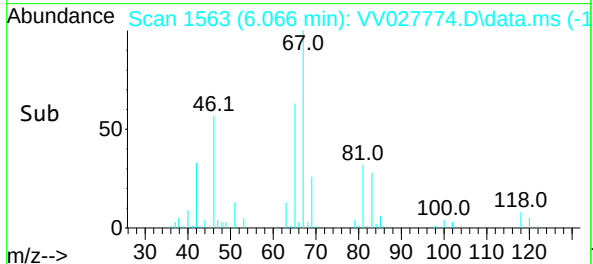
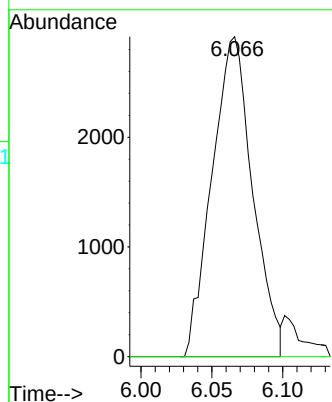
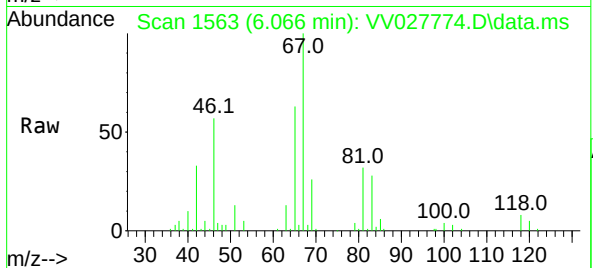
VHBLK001

Tgt Ion: 63 Resp: 5826

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.054 min

Lab File: VV027774.D

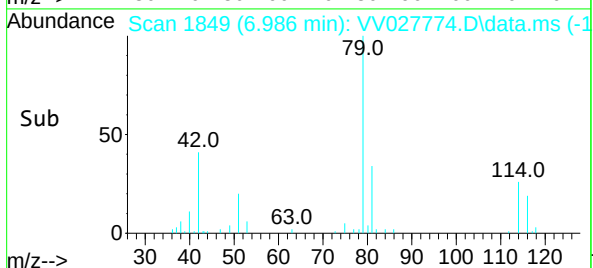
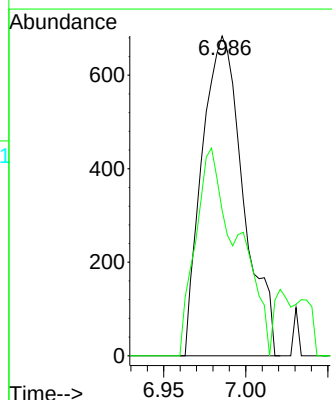
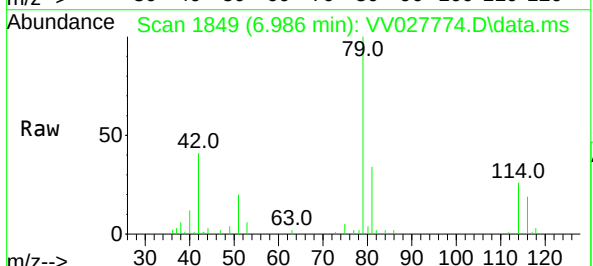
Acq: 07 Sep 2022 11:39

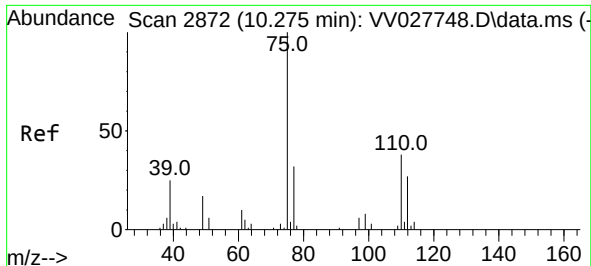
Tgt Ion: 75 Resp: 1194

Ion Ratio Lower Upper

75 100

77 45.5 22.0 40.8#

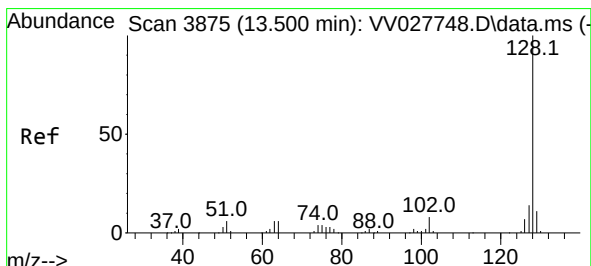
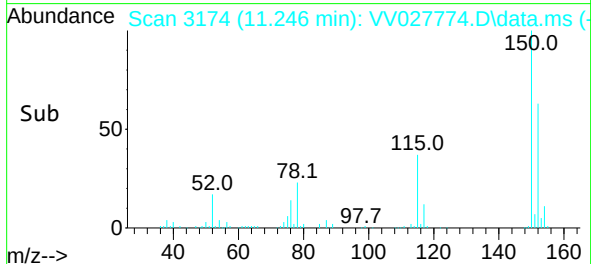
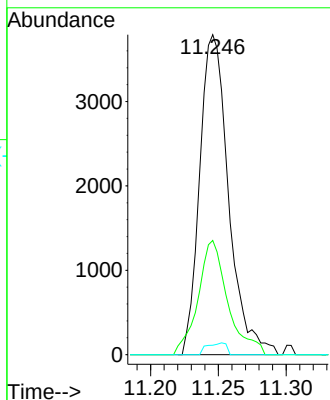
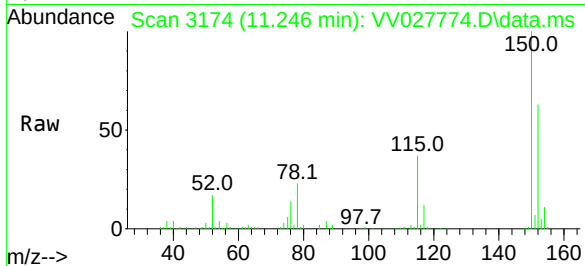




#61  
1,2,3-Trichloropropane  
Concen: 1.220 ug/L  
RT: 11.246 min Scan# 3174  
Delta R.T. 0.971 min  
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Tgt Ion: 75 Resp: 5616  
Ion Ratio Lower Upper  
75 100  
77 36.7 27.6 41.4  
110 2.5 35.6 53.4#



#71  
Naphthalene  
Concen: 0.076 ug/L  
RT: 13.513 min Scan# 3879  
Delta R.T. 0.013 min  
Lab File: VV027774.D  
Acq: 07 Sep 2022 11:39

Tgt Ion: 128 Resp: 1315  
Ion Ratio Lower Upper  
128 100  
129 0.0 9.2 13.8#  
127 8.1 10.6 16.0#

