

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW021022\  
 Data File : VW024580.D  
 Acq On : 10 Feb 2022 19:59  
 Operator : SY/MD  
 Sample : N1475-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 11 23:57:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 11 23:54:44 2022  
 Response via : Initial Calibration

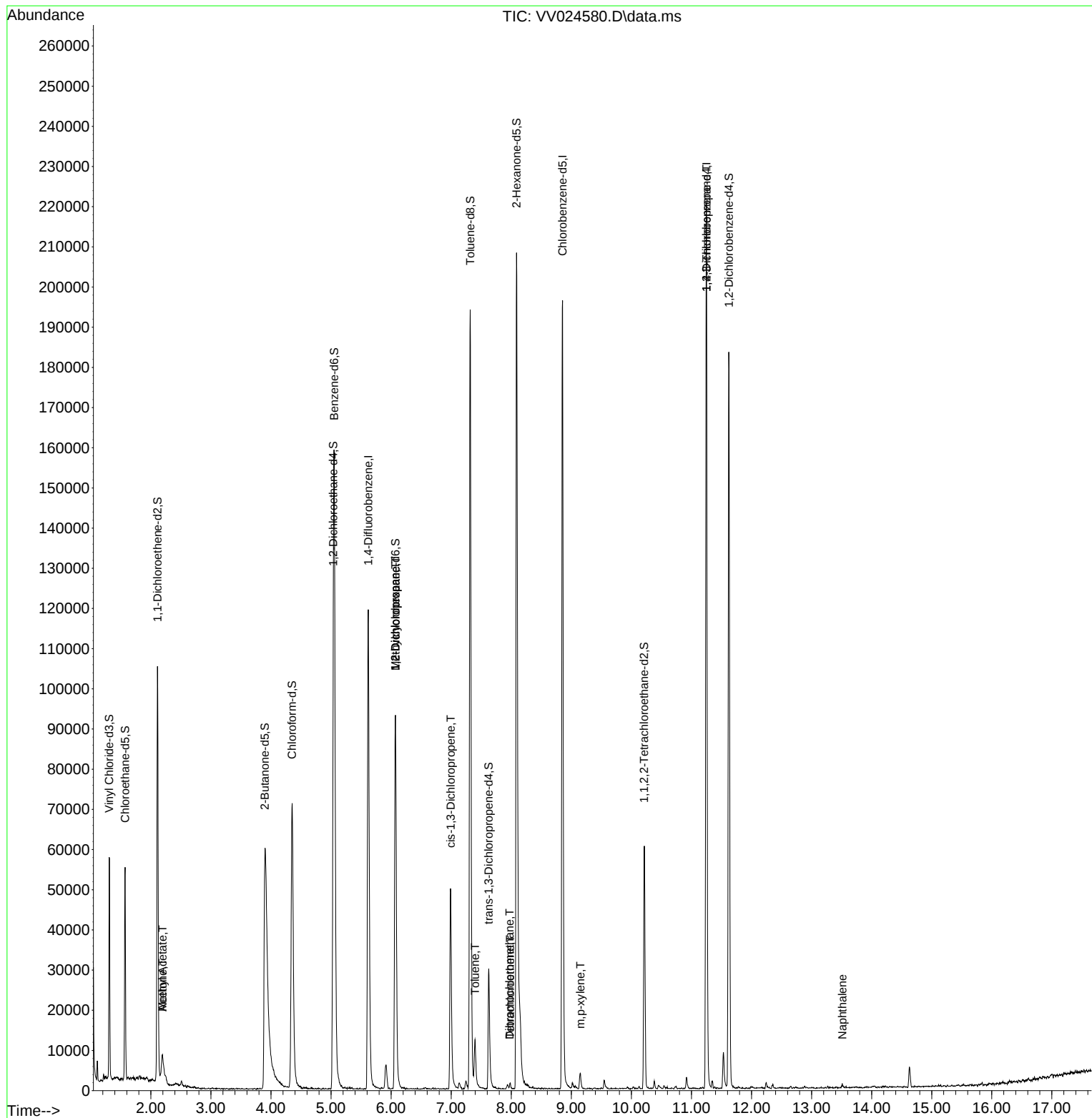
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 104568   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 105527   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 52896    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 33709    | 3.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.000%  |
| 7) Chloroethane-d5            | 1.571  | 69    | 32452    | 4.379    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63    | 55013    | 2.869    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 57.400%# |
| 20) 2-Butanone-d5             | 3.899  | 46    | 91502    | 62.884   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 125.760% |
| 24) Chloroform-d              | 4.352  | 84    | 72437    | 4.696    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 39031    | 5.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 111.600% |
| 32) Benzene-d6                | 5.053  | 84    | 145407   | 4.856    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 46104    | 4.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 127245   | 4.557    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 17978    | 4.780    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 75762    | 57.181   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.360% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 29690    | 5.355    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 107.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 43510    | 5.103    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.195  | 43    | 14747    | 12.842   | ug/L   | 72       |
| 15) Methyl Acetate            | 2.195  | 43    | 14501    | 4.416    | ug/L # | 50       |
| 35) Methylcyclohexane         | 6.072  | 83    | 11152    | 0.594    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.072  | 63    | 5452     | 0.546    | ug/L # | 84       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75    | 1515     | 0.100    | ug/L # | 58       |
| 42) Toluene                   | 7.397  | 91    | 9612     | 0.214    | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.982  | 164   | 339      | 0.045    | ug/L   | 90       |
| 49) Dibromochloromethane      | 7.976  | 129   | 242      | 0.031    | ug/L # | 11       |
| 53) m,p-xylene                | 9.149  | 106   | 1441     | 0.076    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 7696     | 1.476    | ug/L # | 63       |
| 71) Naphthalene               | 13.512 | 128   | 1236     | 0.061    | ug/L # | 77       |
| -----                         |        |       |          |          |        |          |

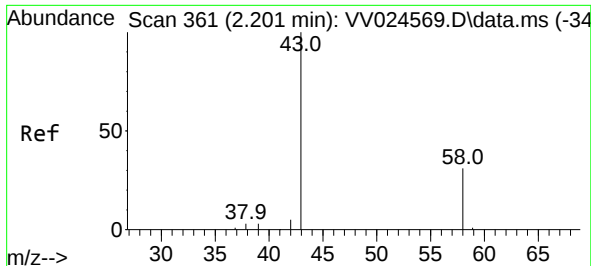
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR020922WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Feb 11 23:54:44 2022  
Response via : Initial Calibration





#13

Acetone

Concen: 12.842 ug/L

RT: 2.195 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV024580.D

Acq: 10 Feb 2022 19:59

Instrument :

MSVOA\_V

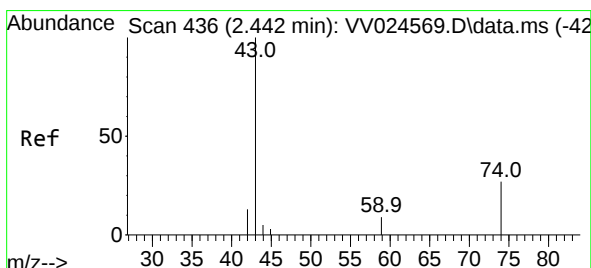
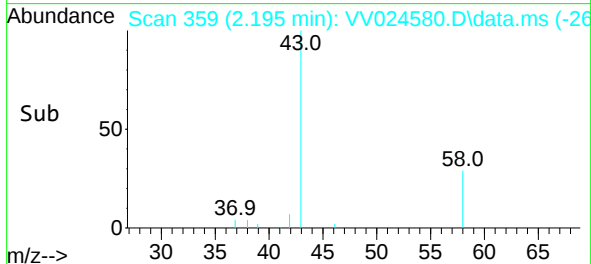
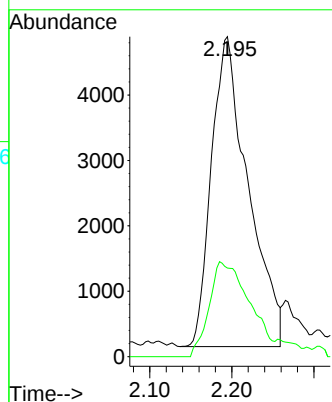
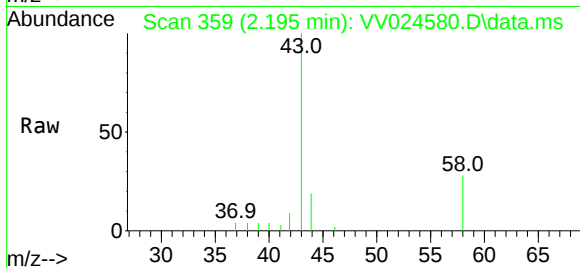
ClientSampleId :

Tgt Ion: 43 Resp: 14747

Ion Ratio Lower Upper

43 100

58 33.6 0.0 41.4



#15

Methyl Acetate

Concen: 4.416 ug/L

RT: 2.195 min Scan# 359

Delta R.T. -0.248 min

Lab File: VV024580.D

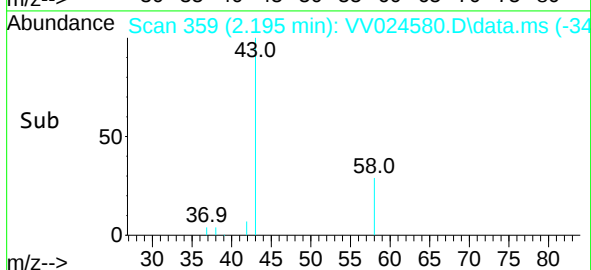
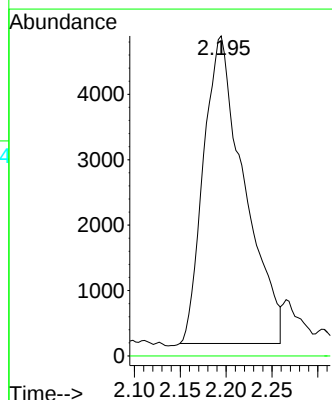
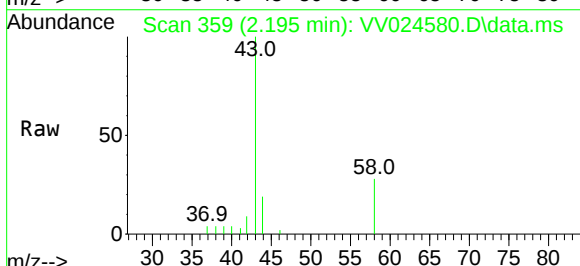
Acq: 10 Feb 2022 19:59

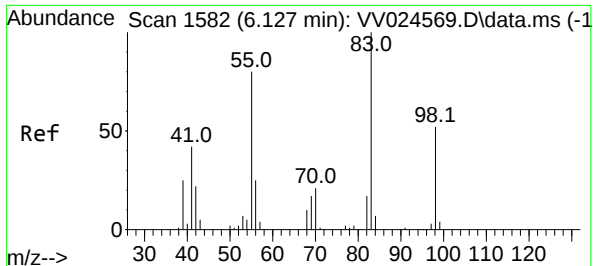
Tgt Ion: 43 Resp: 14501

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#





#35

Methylcyclohexane

Concen: 0.594 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024580.D

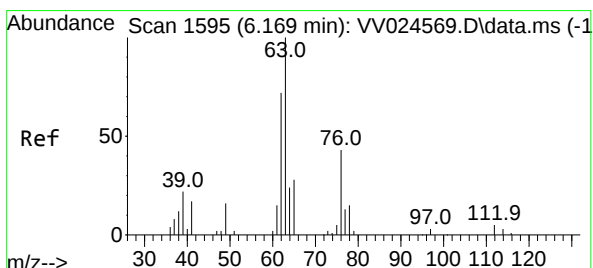
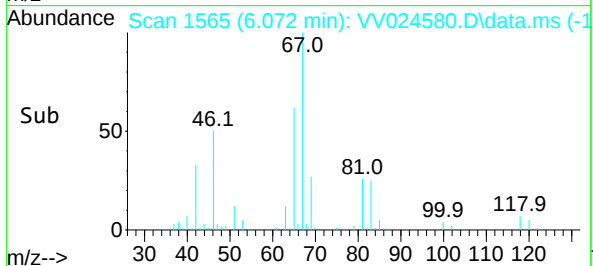
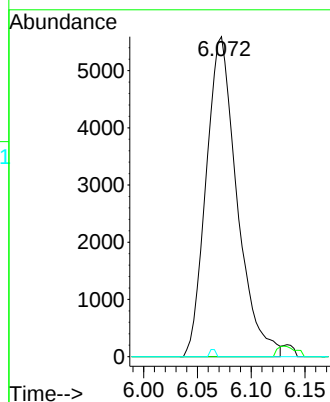
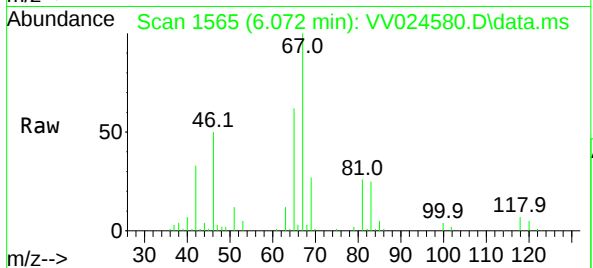
Acq: 10 Feb 2022 19:59

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 11152 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 2.0      | 60.2 90.2#  |
| 98 0.4      | 41.0 61.4#  |



#37

1,2-Dichloropropane

Concen: 0.546 ug/L

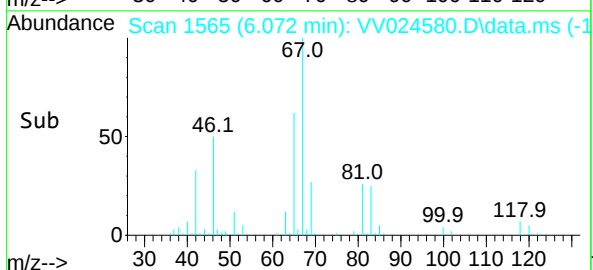
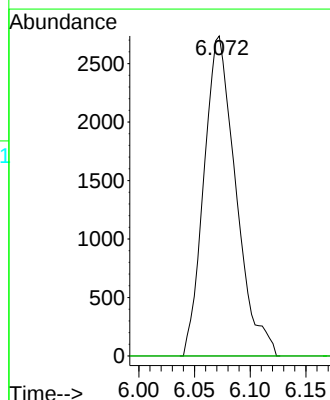
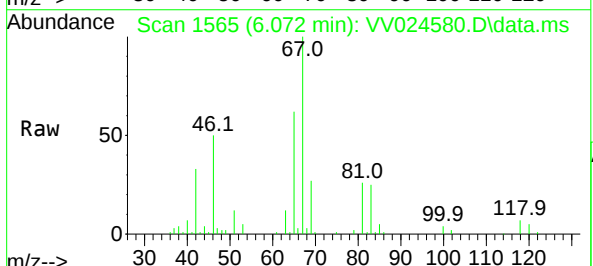
RT: 6.072 min Scan# 1565

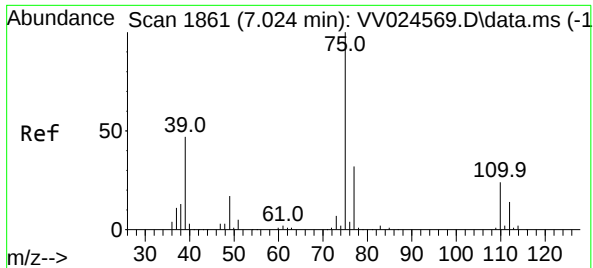
Delta R.T. -0.097 min

Lab File: VV024580.D

Acq: 10 Feb 2022 19:59

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 5452  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 4.3 6.5#    |





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV024580.D

Acq: 10 Feb 2022 19:59

Instrument :

MSVOA\_V

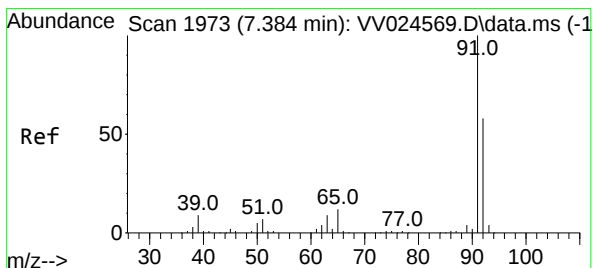
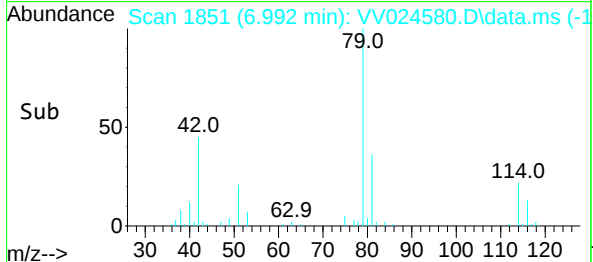
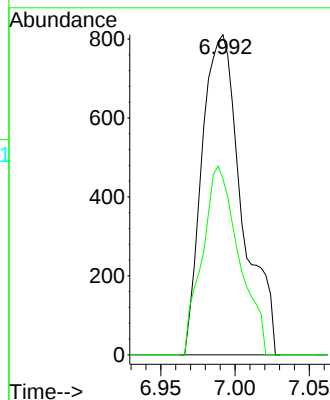
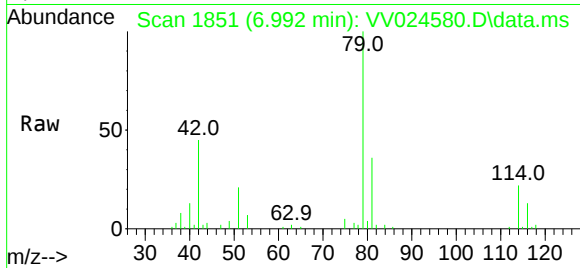
ClientSampleId :

Tgt Ion: 75 Resp: 1515

Ion Ratio Lower Upper

75 100

77 55.0 22.0 41.0#



#42

Toluene

Concen: 0.214 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV024580.D

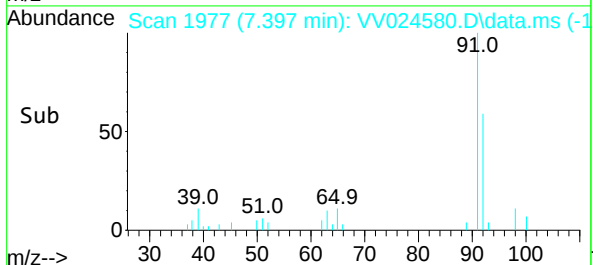
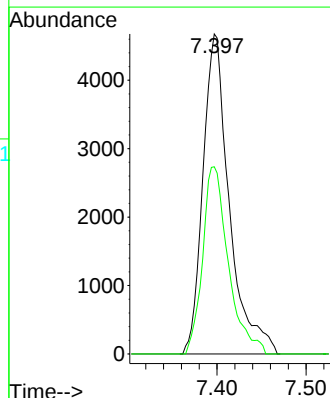
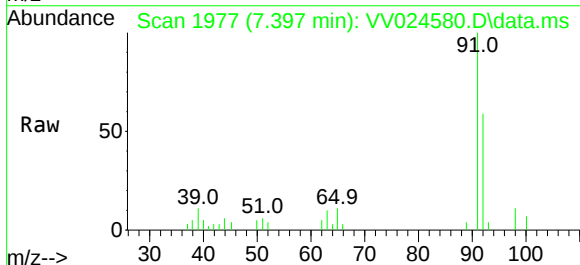
Acq: 10 Feb 2022 19:59

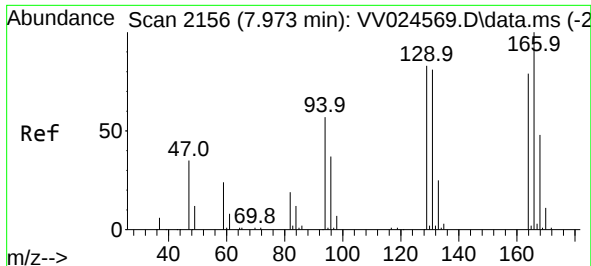
Tgt Ion: 91 Resp: 9612

Ion Ratio Lower Upper

91 100

92 58.5 41.5 77.1





#47

Tetrachloroethene

Concen: 0.045 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.009 min

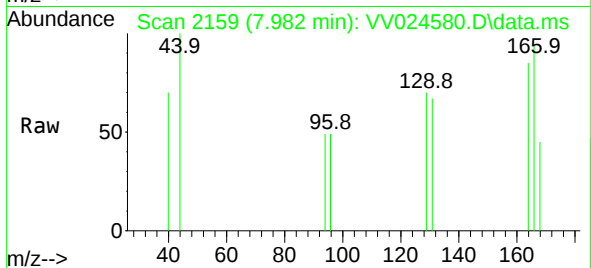
Lab File: VV024580.D

Acq: 10 Feb 2022 19:59

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion:164 Resp: 339

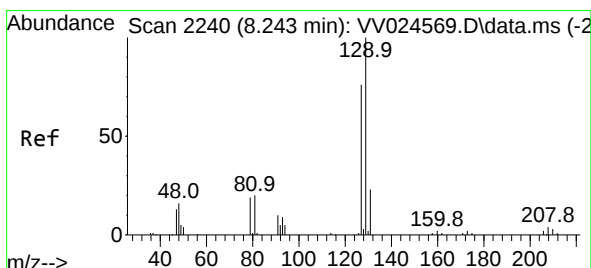
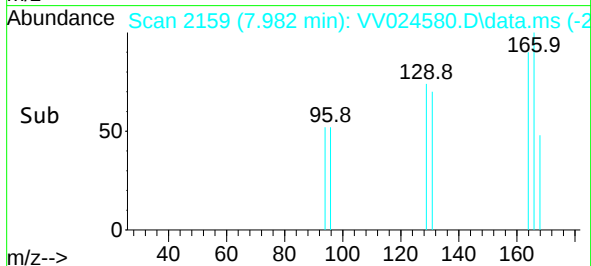
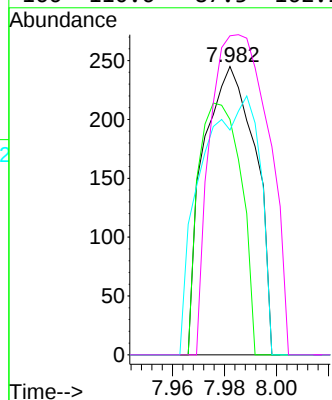
Ion Ratio Lower Upper

164 100

129 81.6 62.6 116.2

131 78.0 61.0 113.4

166 110.6 87.3 162.1



#49

Dibromochloromethane

Concen: 0.031 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024580.D

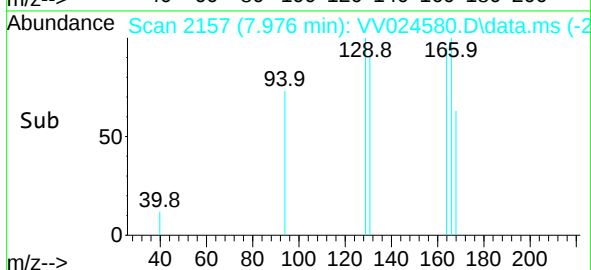
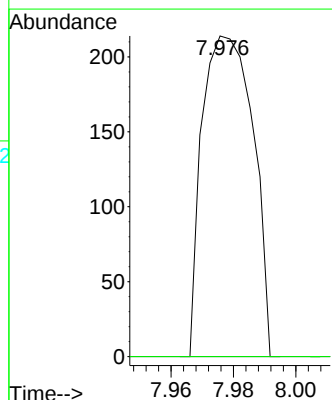
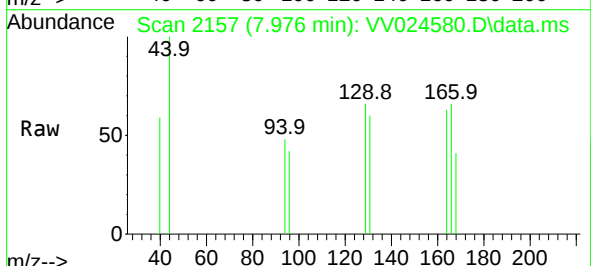
Acq: 10 Feb 2022 19:59

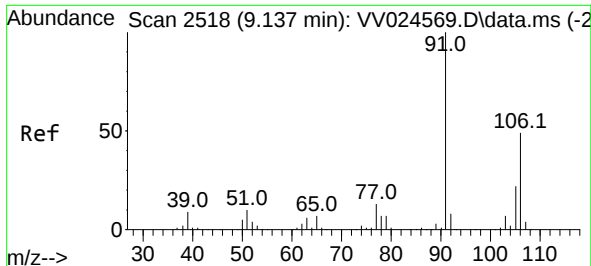
Tgt Ion:129 Resp: 242

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

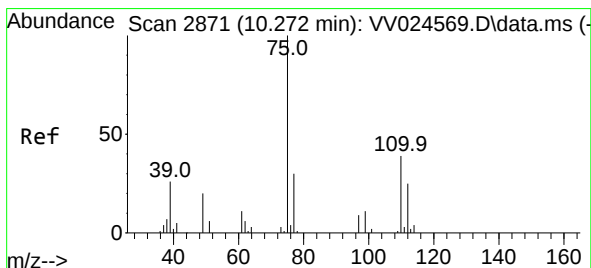
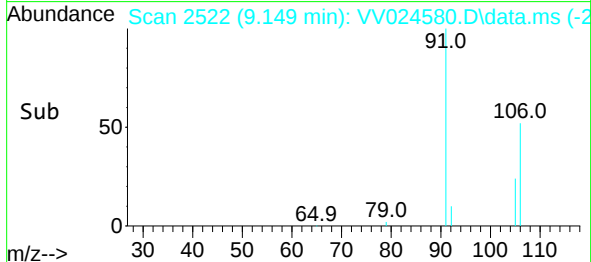
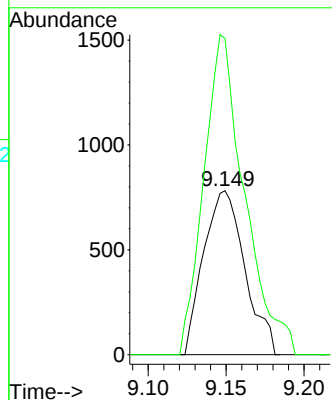
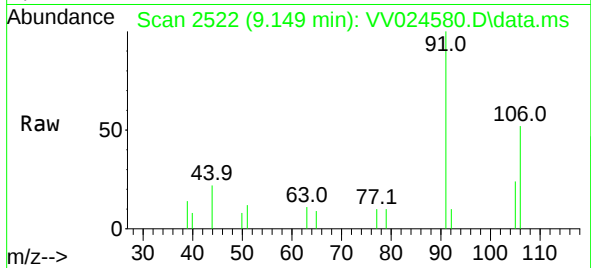




#53  
m,p-xylene  
Concen: 0.076 ug/L  
RT: 9.149 min Scan# 21  
Delta R.T. 0.013 min  
Lab File: VV024580.D  
Acq: 10 Feb 2022 19:59

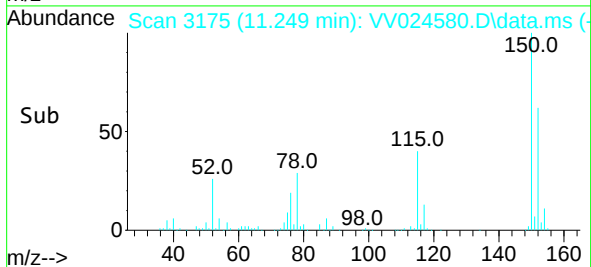
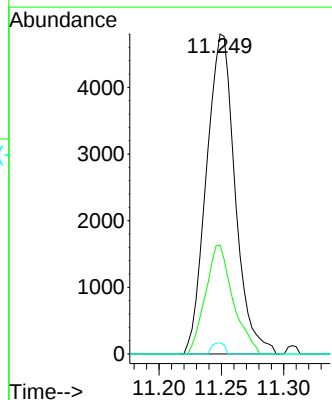
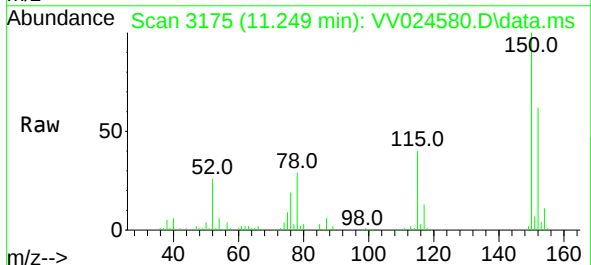
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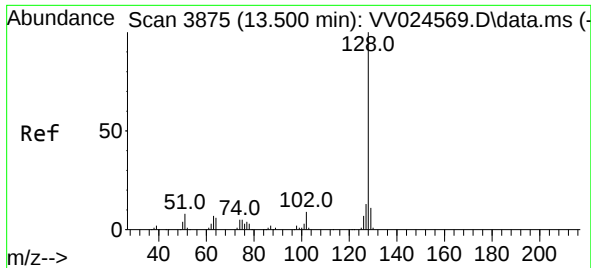
Tgt Ion:106 Resp: 1441  
Ion Ratio Lower Upper  
106 100  
91 192.8 139.5 259.1



#61  
1,2,3-Trichloropropane  
Concen: 1.476 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.977 min  
Lab File: VV024580.D  
Acq: 10 Feb 2022 19:59

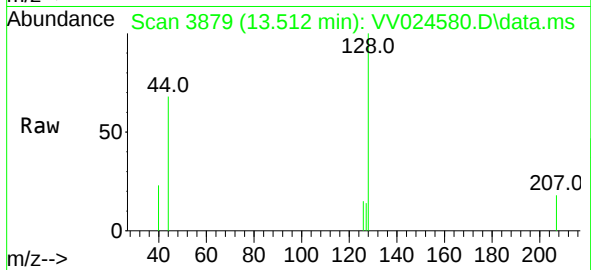
Tgt Ion: 75 Resp: 7696  
Ion Ratio Lower Upper  
75 100  
77 32.6 26.4 39.6  
110 1.5 34.2 51.2#





#71  
Naphthalene  
Concen: 0.061 ug/L  
RT: 13.512 min Scan# 3879  
Delta R.T. 0.013 min  
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MSVOA\_V  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1236  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 0.0   | 9.0   | 13.4# |
| 127      | 6.0   | 10.2  | 15.4# |

