

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW122821\  
 Data File : VW024230.D  
 Acq On : 28 Dec 2021 19:58  
 Operator : SY/MD  
 Sample : M5233-17  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Dec 29 05:07:37 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 29 04:43:10 2021  
 Response via : Initial Calibration

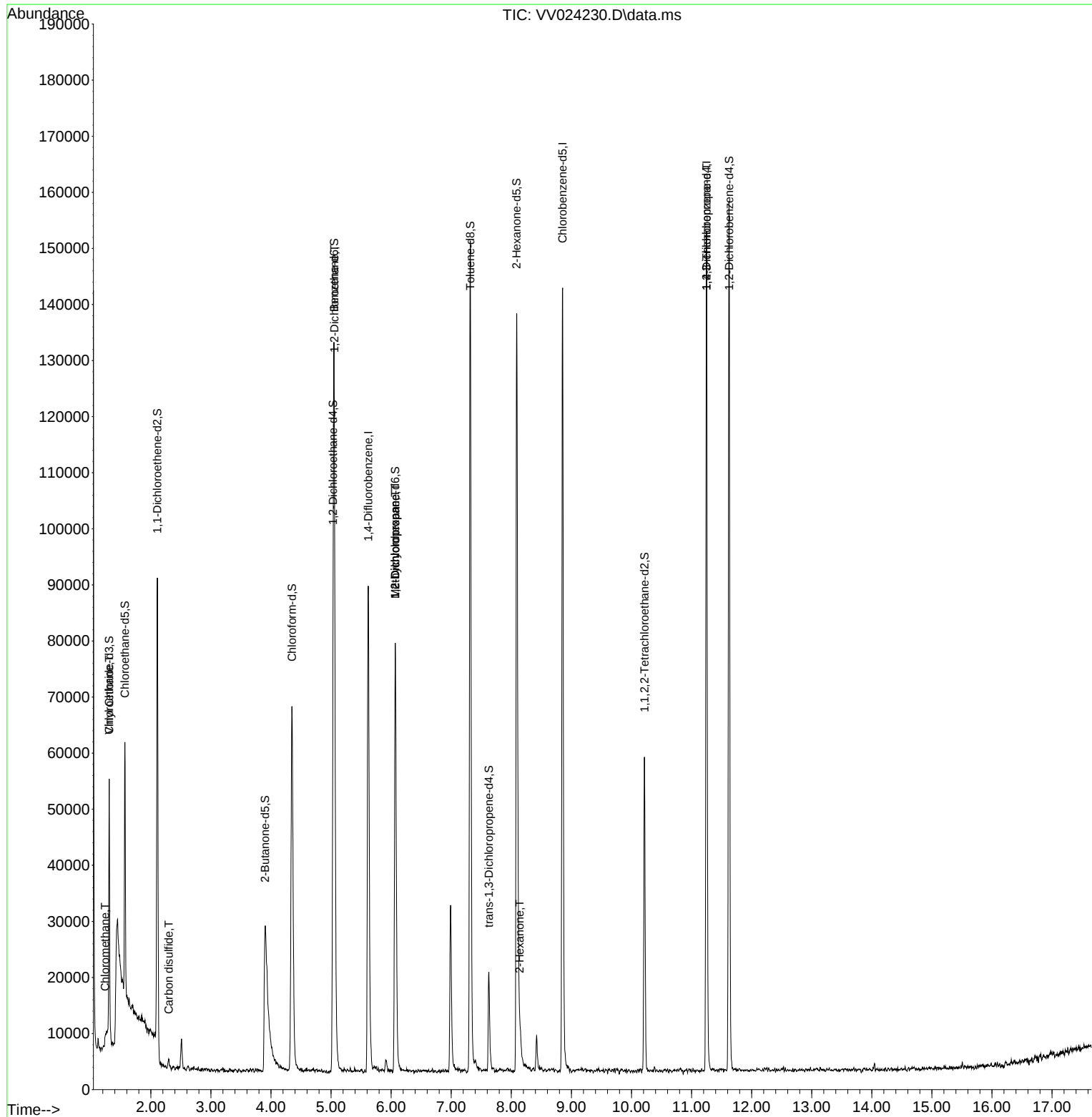
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 78572    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 80540    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 41541    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 26017    | 4.402    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 88.000%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 25813    | 5.237    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 104.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 43102    | 3.001    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 60.000%   |
| 20) 2-Butanone-d5             | 3.902  | 46    | 60567    | 92.261   | ug/L   | -0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 184.520%# |
| 24) Chloroform-d              | 4.349  | 84    | 65455    | 5.217    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 31945    | 5.688    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 113.800%  |
| 32) Benzene-d6                | 5.050  | 84    | 117123   | 5.385    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 107.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 33074    | 5.551    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 111.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 101990   | 4.758    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.200%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 10409    | 4.126    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.600%   |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 49173    | 57.971   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 115.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 24348    | 5.986    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 119.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 42299    | 5.858    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 117.200%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.240  | 50    | 767      | 0.056    | ug/L # | 73        |
| 8) Chloroethane               | 1.307  | 64    | 2002     | 0.245    | ug/L   | 90        |
| 14) Carbon disulfide          | 2.297  | 76    | 1949     | 0.056    | ug/L # | 89        |
| 27) 1,2-Dichloroethane        | 5.053  | 62    | 783      | 0.066    | ug/L # | 73        |
| 35) Methylcyclohexane         | 6.069  | 83    | 9329     | 0.540    | ug/L # | 18        |
| 37) 1,2-Dichloropropane       | 6.069  | 63    | 4269     | 0.438    | ug/L # | 84        |
| 48) 2-Hexanone                | 8.140  | 43    | 3357     | 0.985    | ug/L # | 80        |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75    | 3895     | 0.792    | ug/L # | 61        |
| -----                         |        |       |          |          |        |           |

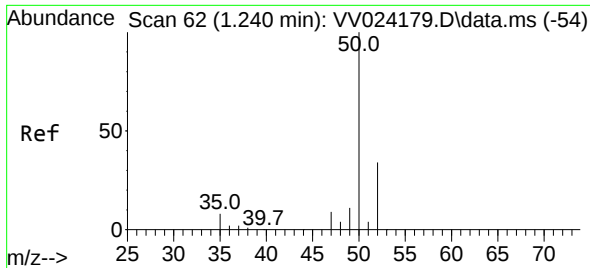
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Dec 29 04:43:10 2021  
Response via : Initial Calibration

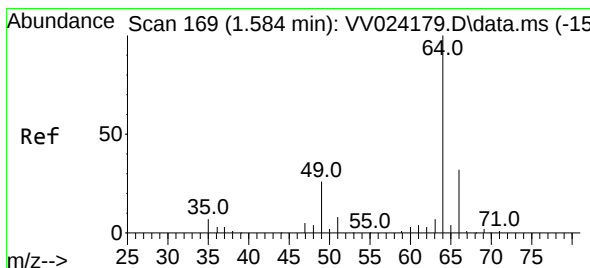
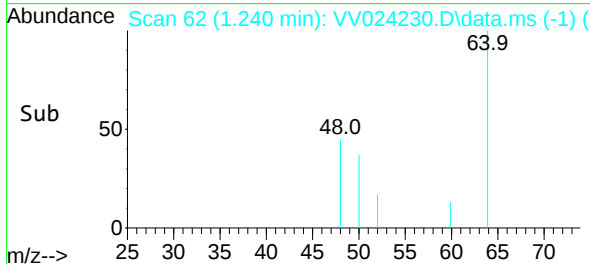
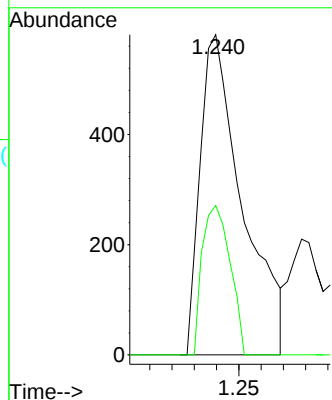
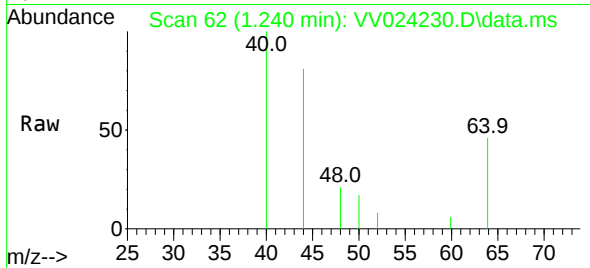




#3  
Chloromethane  
Concen: 0.056 ug/L  
RT: 1.240 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

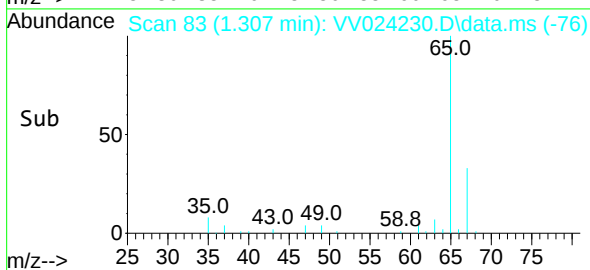
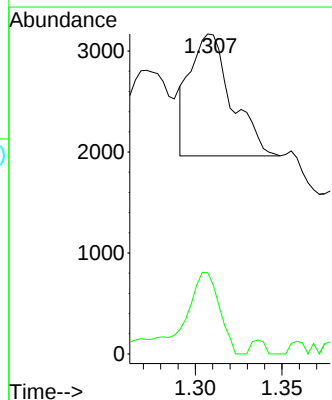
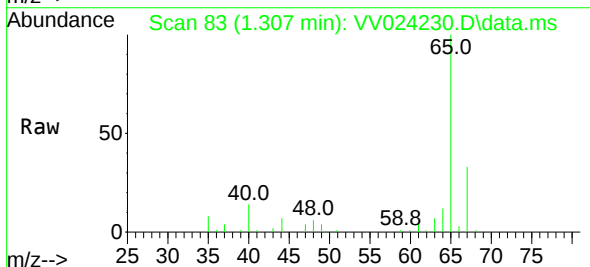
Instrument :  
MSVOA\_V  
ClientSampleId :

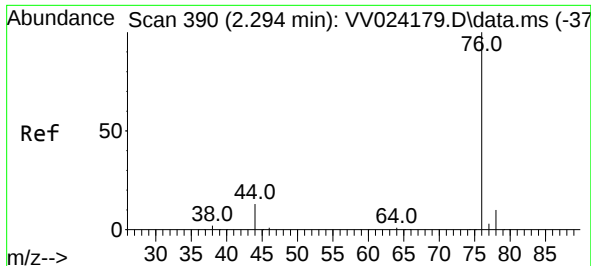
Tgt Ion: 50 Resp: 767  
Ion Ratio Lower Upper  
50 100  
52 46.6 22.0 41.0#



#8  
Chloroethane  
Concen: 0.245 ug/L  
RT: 1.307 min Scan# 83  
Delta R.T. -0.277 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

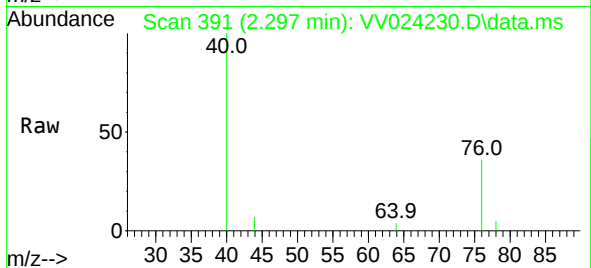
Tgt Ion: 64 Resp: 2002  
Ion Ratio Lower Upper  
64 100  
66 25.4 21.4 39.8



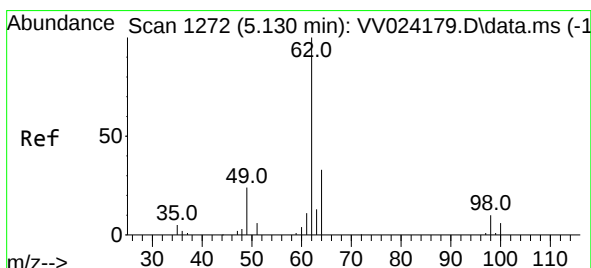
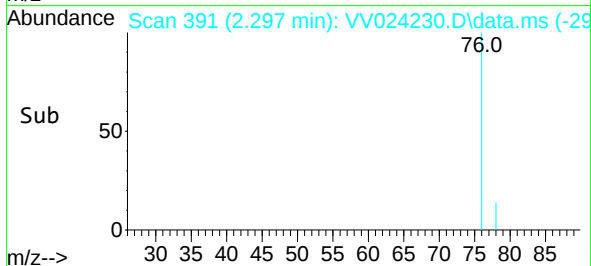
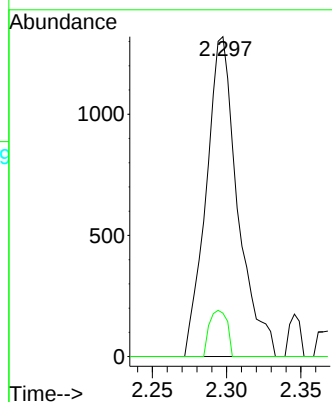


#14  
Carbon disulfide  
Concen: 0.056 ug/L  
RT: 2.297 min Scan# 391  
Delta R.T. 0.003 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

Instrument :  
MSVOA\_V  
ClientSampleId :

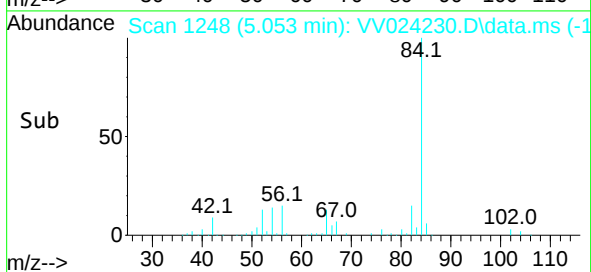
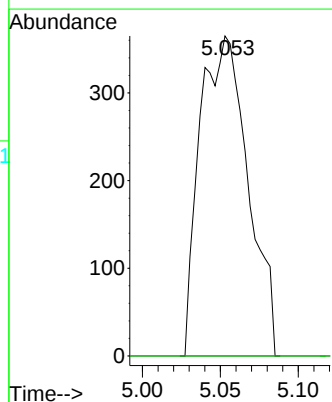
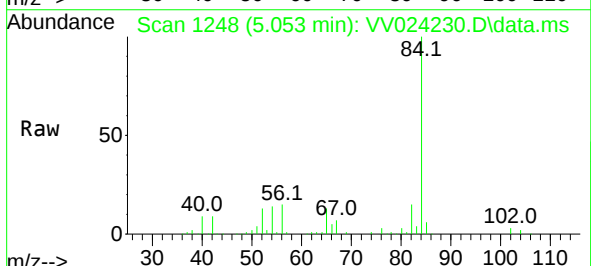


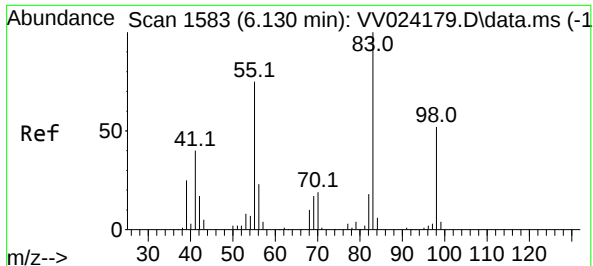
Tgt Ion: 76 Resp: 1949  
Ion Ratio Lower Upper  
76 100  
78 13.6 7.5 11.3#



#27  
1,2-Dichloroethane  
Concen: 0.066 ug/L  
RT: 5.053 min Scan# 1248  
Delta R.T. -0.077 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

Tgt Ion: 62 Resp: 783  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.1 12.1#





#35

Methylcyclohexane

Concen: 0.540 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024230.D

Acq: 28 Dec 2021 19:58

Instrument :

MSVOA\_V

ClientSampleId :

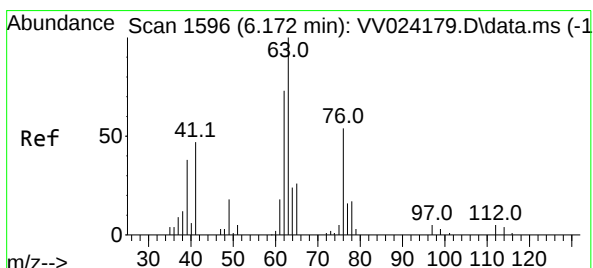
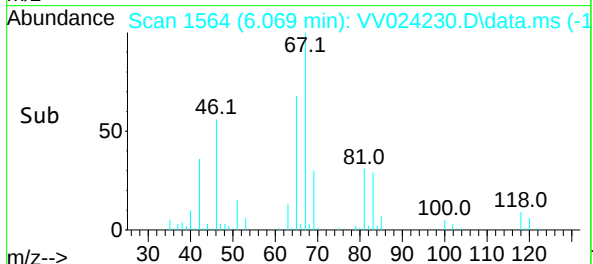
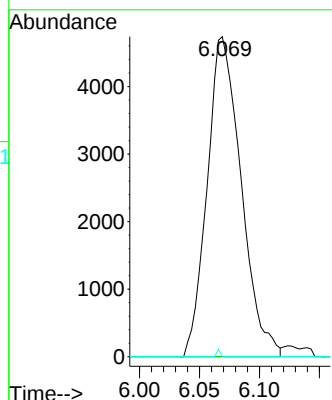
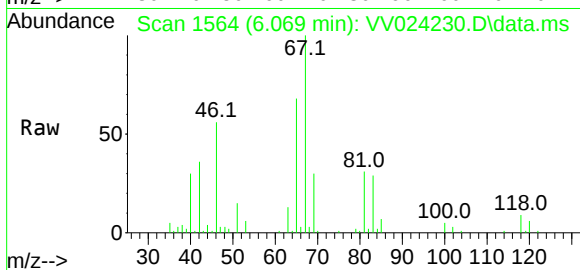
Tgt Ion: 83 Resp: 9329

Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.2 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.438 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV024230.D

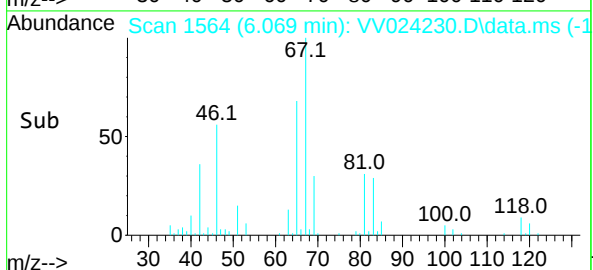
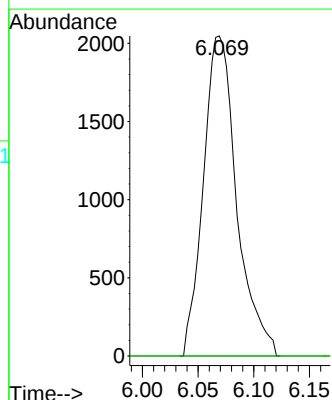
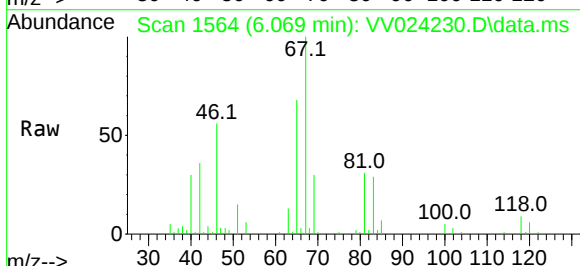
Acq: 28 Dec 2021 19:58

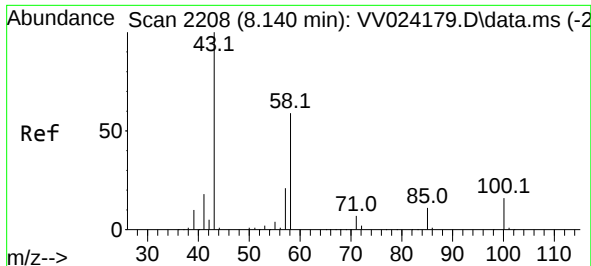
Tgt Ion: 63 Resp: 4269

Ion Ratio Lower Upper

63 100

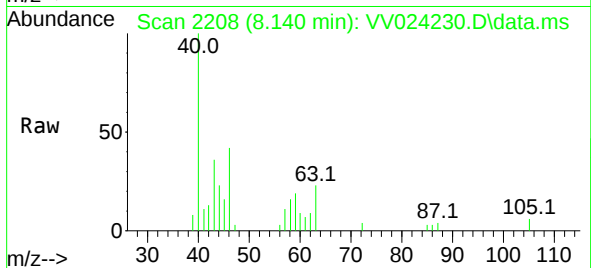
112 0.0 4.3 6.5#



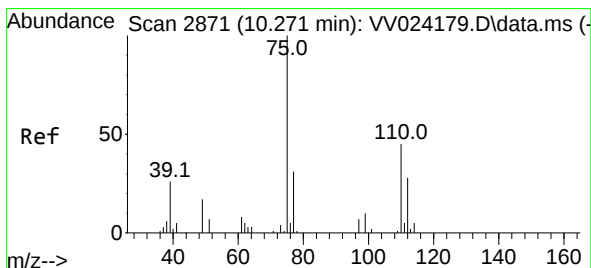
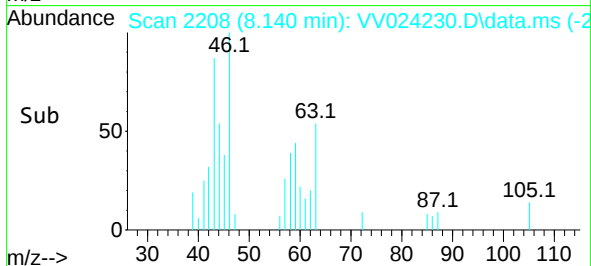
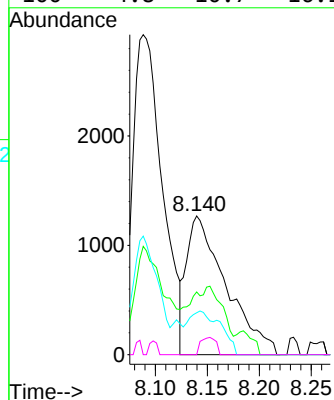


#48  
2-Hexanone  
Concen: 0.985 ug/L  
RT: 8.140 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

Instrument :  
MSVOA\_V  
ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 43 | Resp: | 3357       |
| Ion Ratio   | Lower | Upper      |
| 43          | 100   |            |
| 58          | 40.5  | 44.5 66.7# |
| 57          | 25.4  | 15.1 22.7# |
| 100         | 4.8   | 10.7 16.1# |



#61  
1,2,3-Trichloropropane  
Concen: 0.792 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV024230.D  
Acq: 28 Dec 2021 19:58

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 3895       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 38.1  | 26.4 39.6  |
| 110         | 3.0   | 34.2 51.2# |

