

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV123021\  
 Data File : VV024234.D  
 Acq On : 30 Dec 2021 11:04  
 Operator : SY/MD  
 Sample : VV1230WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK286

Quant Time: Dec 31 03:39:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Dec 31 03:39:03 2021  
 Response via : Initial Calibration

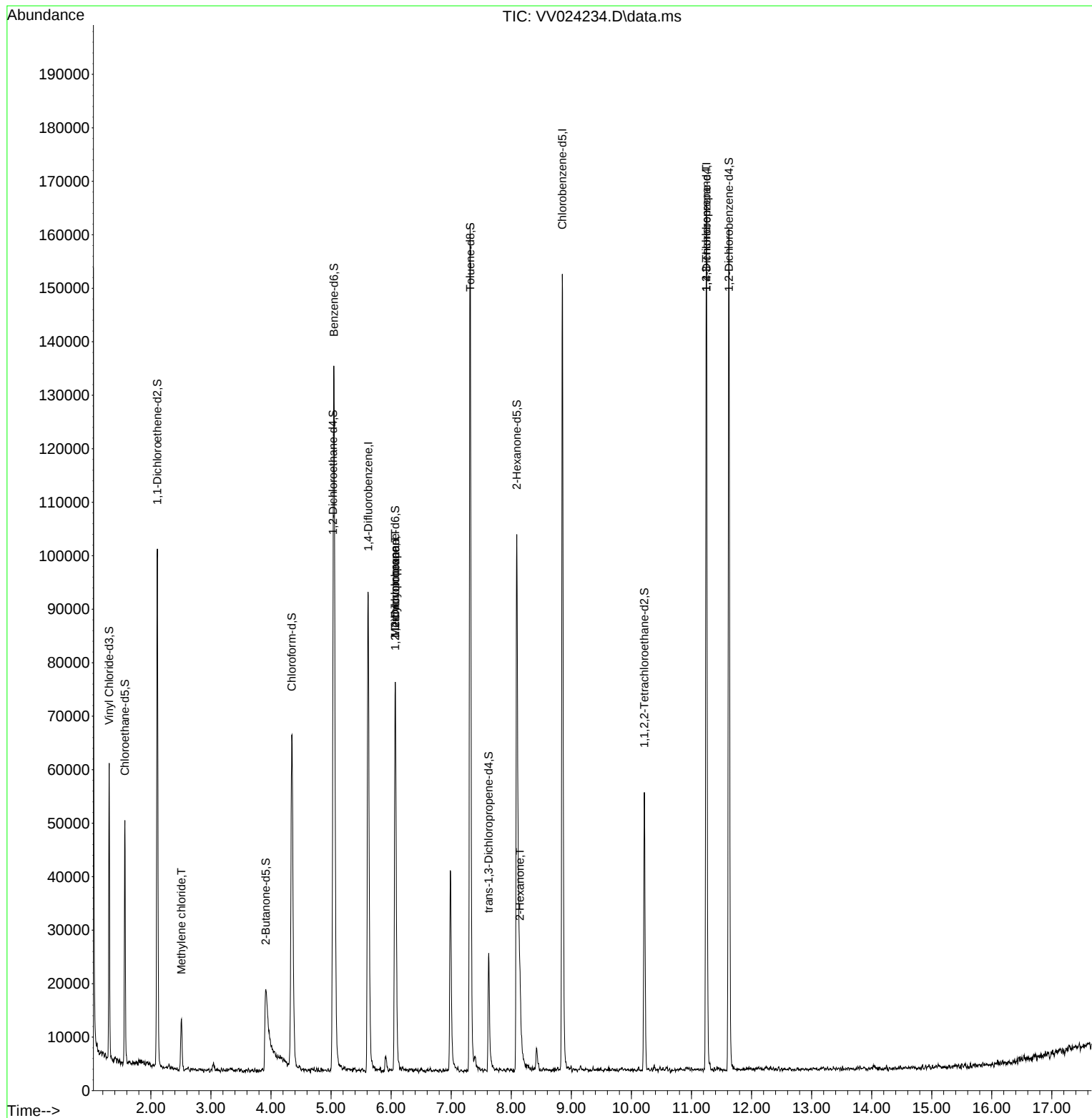
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 81874    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 84516    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 44138    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 32707    | 5.311    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 106.200% |
| 7) Chloroethane-d5            | 1.568  | 69    | 26095    | 5.081    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 101.600% |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 48992    | 3.273    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.400%  |
| 20) 2-Butanone-d5             | 3.912  | 46    | 36962    | 54.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 108.060% |
| 24) Chloroform-d              | 4.346  | 84    | 62529    | 4.783    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 31208    | 5.333    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.600% |
| 32) Benzene-d6                | 5.050  | 84    | 120050   | 5.260    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.200% |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 33713    | 5.393    | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98    | 109645   | 4.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.400%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 13106    | 4.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 99.000%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 42954    | 48.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 96.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 22427    | 5.254    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 43058    | 5.612    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 112.200% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.510  | 84    | 4277     | 0.356    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.069  | 83    | 9337     | 0.515    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 4134     | 0.404    | ug/L # | 84       |
| 48) 2-Hexanone                | 8.143  | 43    | 4090     | 1.144    | ug/L # | 94       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 4306     | 0.825    | ug/L # | 62       |
| -----                         |        |       |          |          |        |          |

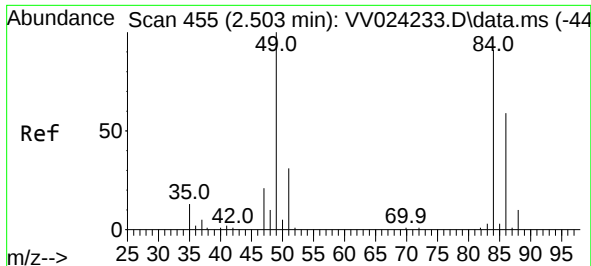
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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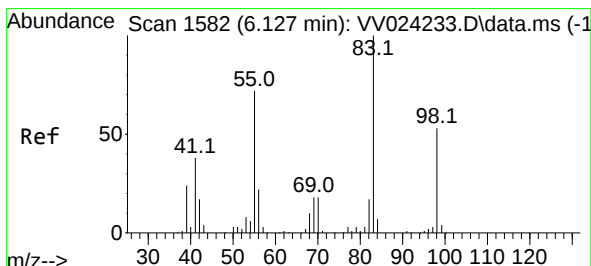
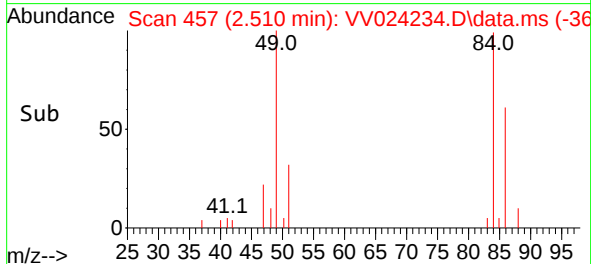
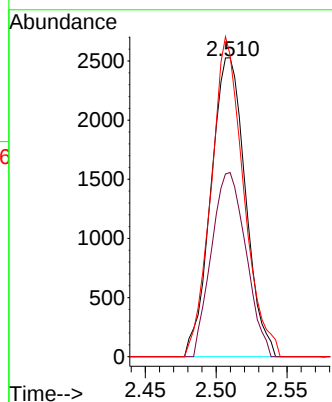
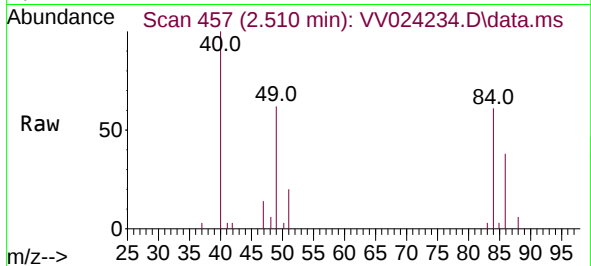




#16  
Methylene chloride  
Concen: 0.356 ug/L  
RT: 2.510 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: VV024234.D  
Acq: 30 Dec 2021 11:04

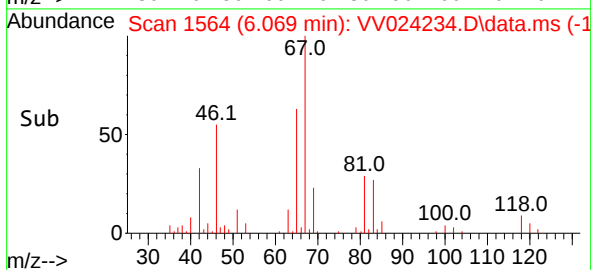
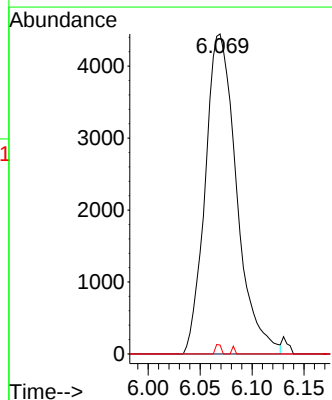
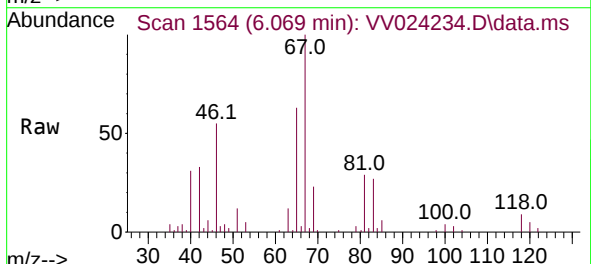
Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK286

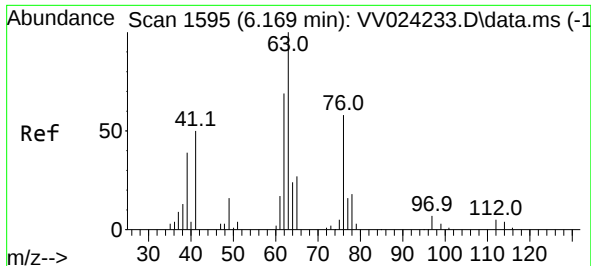
Tgt Ion: 84 Resp: 4277  
Ion Ratio Lower Upper  
84 100  
86 61.6 42.6 79.0  
49 100.9 79.7 147.9



#35  
Methylcyclohexane  
Concen: 0.515 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.058 min  
Lab File: VV024234.D  
Acq: 30 Dec 2021 11:04

Tgt Ion: 83 Resp: 9337  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.2 90.2#  
98 0.5 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.404 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV024234.D

Acq: 30 Dec 2021 11:04

Instrument :

MSVOA\_V

ClientSampleId :

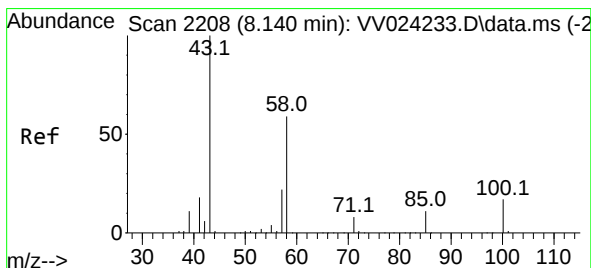
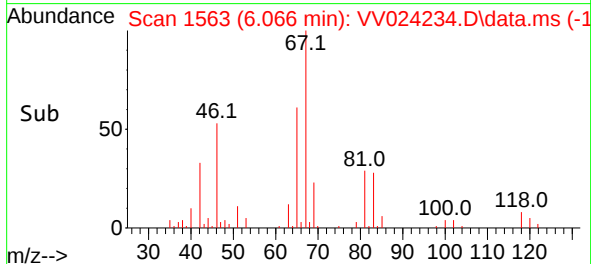
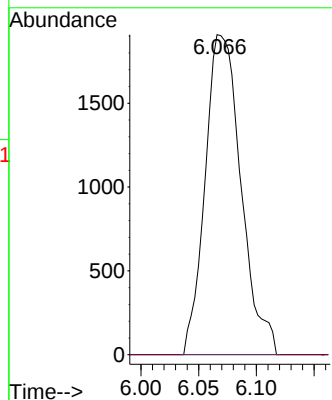
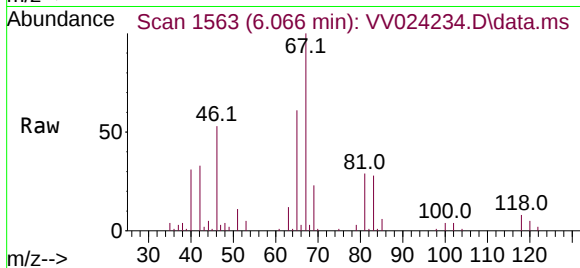
VBLK286

Tgt Ion: 63 Resp: 4134

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#48

2-Hexanone

Concen: 1.144 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV024234.D

Acq: 30 Dec 2021 11:04

Tgt Ion: 43 Resp: 4090

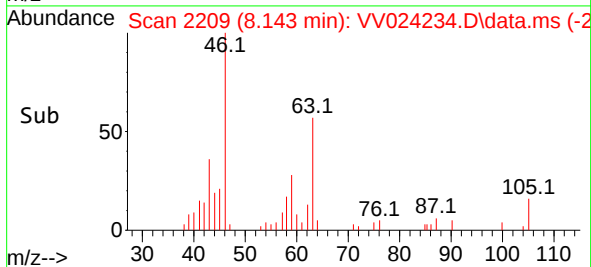
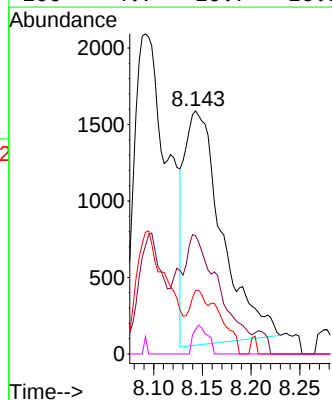
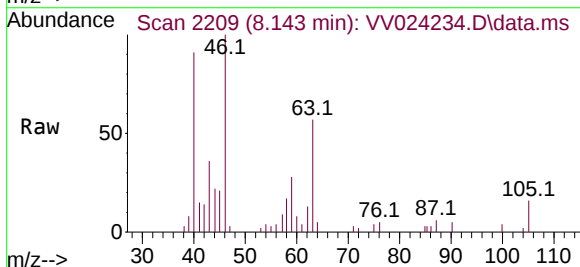
Ion Ratio Lower Upper

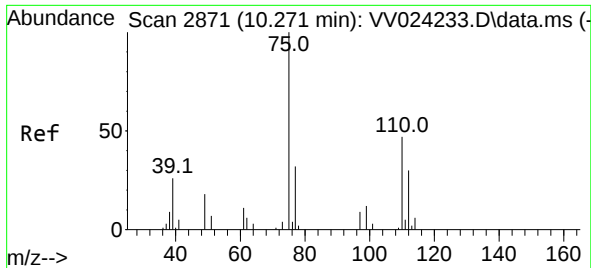
43 100

58 55.0 44.5 66.7

57 22.5 15.1 22.7

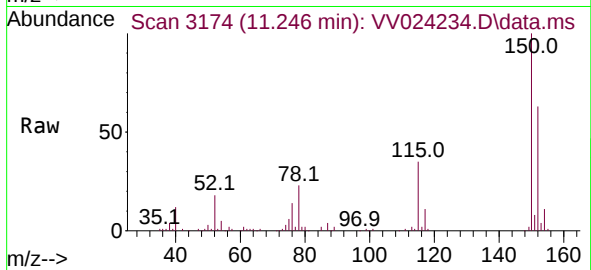
100 4.7 10.7 16.1#





#61  
 1,2,3-Trichloropropane  
 Concen: 0.825 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV024234.D  
 Acq: 30 Dec 2021 11:04

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Tgt Ion: 75 Resp: 4306  
 Ion Ratio Lower Upper  
 75 100  
 77 35.0 26.4 39.6  
 110 1.4 34.2 51.2#

