

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041222\  
 Data File : VV025466.D  
 Acq On : 12 Apr 2022 11:01  
 Operator : SY/MD  
 Sample : N2289-04  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Apr 13 02:31:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 13 02:31:13 2022  
 Response via : Initial Calibration

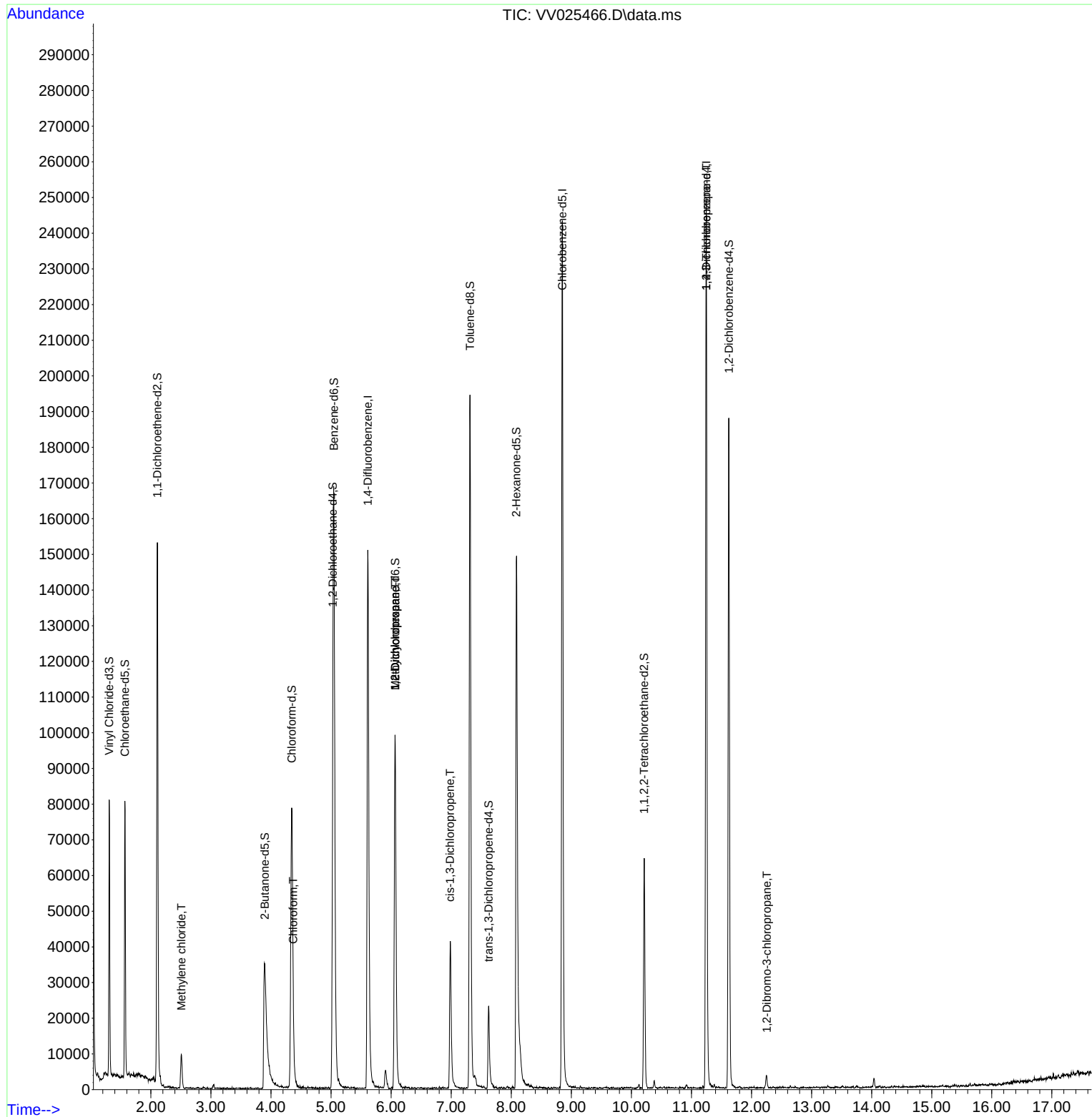
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 135823   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 137061   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 64581    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 48812    | 3.865    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 48005    | 3.573    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 71.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 79818    | 3.155    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.200%  |
| 20) 2-Butanone-d5             | 3.895  | 46    | 74818    | 48.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.420%  |
| 24) Chloroform-d              | 4.346  | 84    | 81949    | 4.295    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 38900    | 4.731    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 32) Benzene-d6                | 5.047  | 84    | 158915   | 4.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 47486    | 4.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 133059   | 3.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.400%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 14646    | 3.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.800%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 52840    | 40.500   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 30130    | 4.312    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 86.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 47919    | 4.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 2.510  | 84    | 3907     | 0.342    | ug/L   | 91       |
| 25) Chloroform                | 4.371  | 83    | 1970     | 0.112    | ug/L   | 79       |
| 35) Methylcyclohexane         | 6.066  | 83    | 12073    | 0.704    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 5313     | 0.567    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 6.982  | 75    | 1105     | 0.090    | ug/L # | 73       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 7881     | 1.853    | ug/L # | 62       |
| 68) 1,2-Dibromo-3-chloropr... | 12.255 | 75    | 95       | 0.129    | ug/L # | 2        |

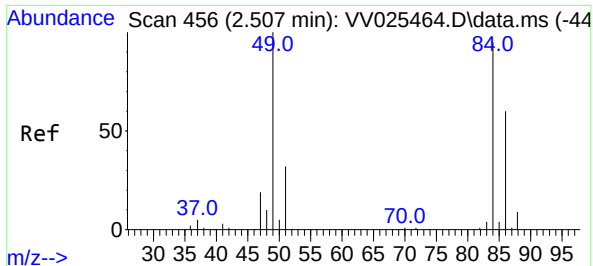
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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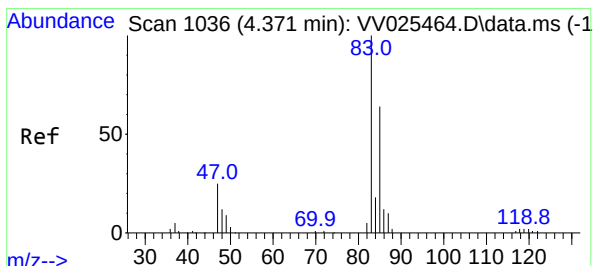
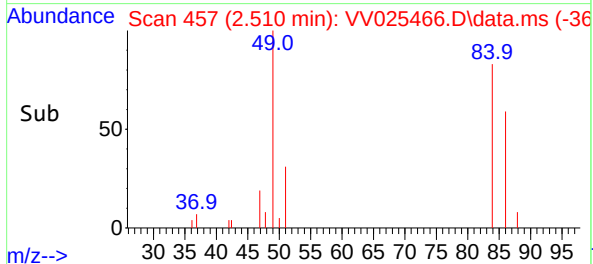
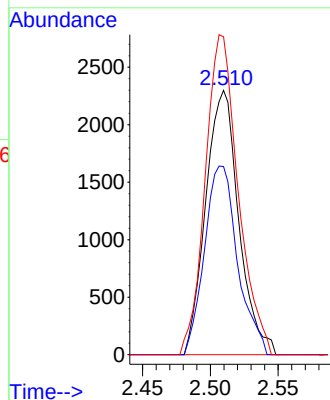
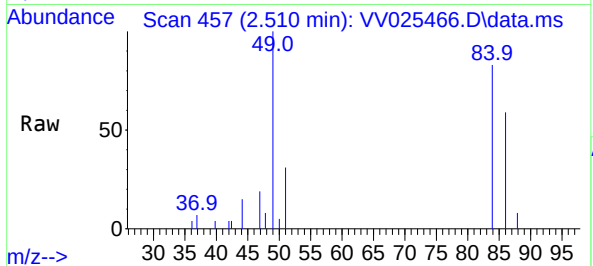




#16  
Methylene chloride  
Concen: 0.342 ug/L  
RT: 2.510 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV025466.D  
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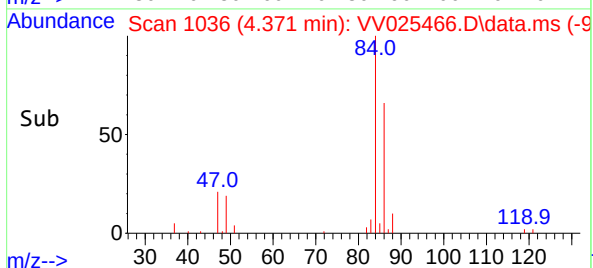
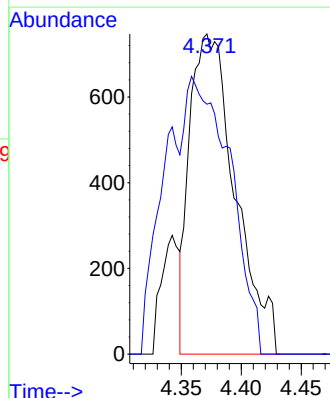
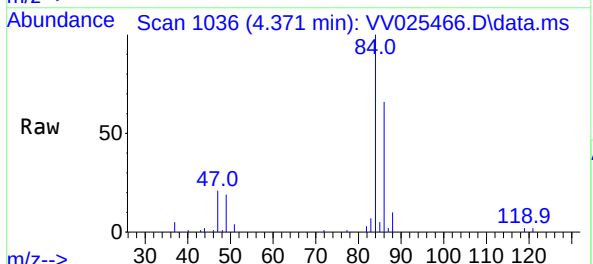
Instrument :  
MSVOA\_V  
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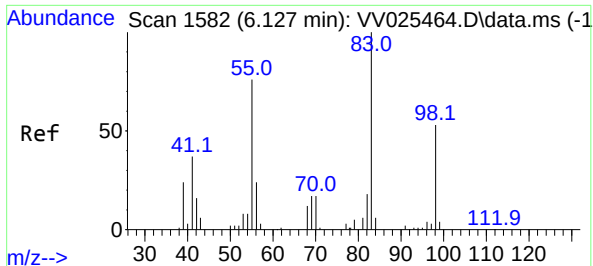
Tgt Ion: 84 Resp: 3907  
Ion Ratio Lower Upper  
84 100  
86 71.2 45.9 85.3  
49 120.3 76.6 142.3



#25  
Chloroform  
Concen: 0.112 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VV025466.D  
Acq: 12 Apr 2022 11:01

Tgt Ion: 83 Resp: 1970  
Ion Ratio Lower Upper  
83 100  
85 78.0 43.5 80.7





#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025466.D

Acq: 12 Apr 2022 11:01

Instrument :

MSVOA\_V

ClientSampleId :

VHBLK001

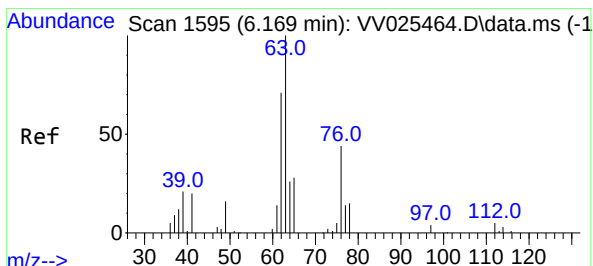
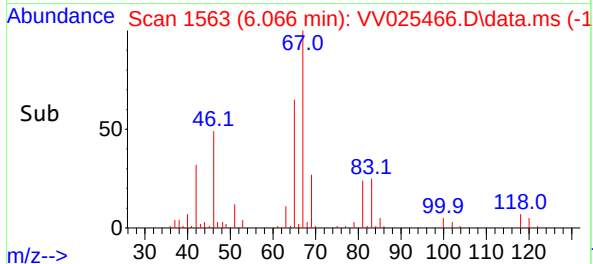
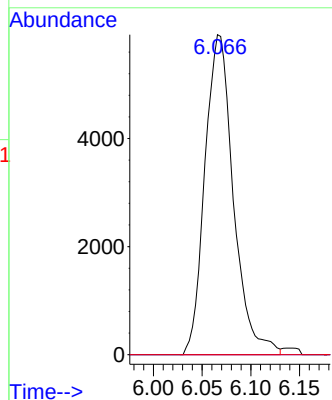
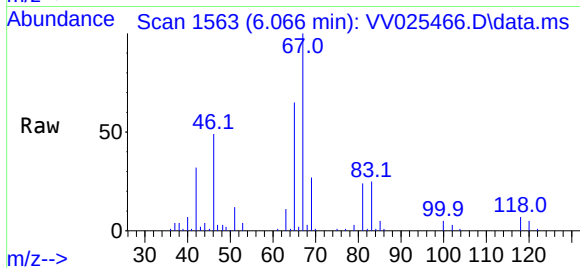
Tgt Ion: 83 Resp: 12073

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.1 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025466.D

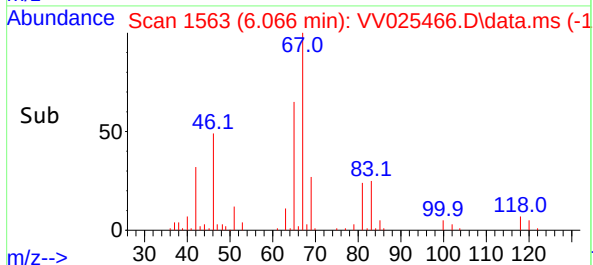
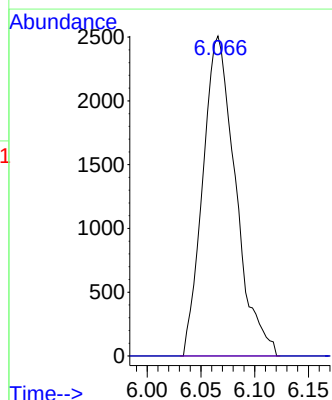
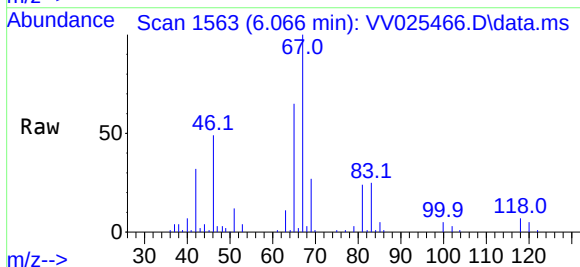
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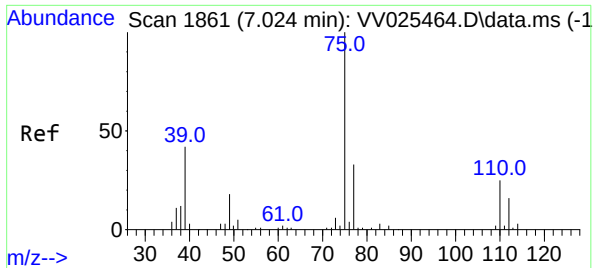
Tgt Ion: 63 Resp: 5313

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025466.D

Acq: 12 Apr 2022 11:01

Instrument :

MSVOA\_V

ClientSampleId :

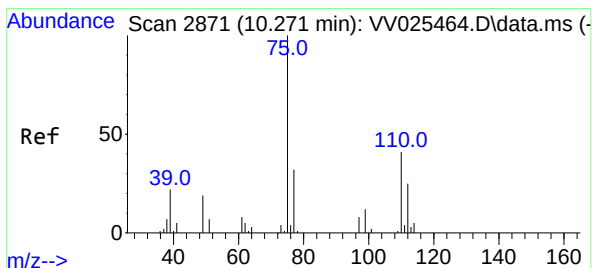
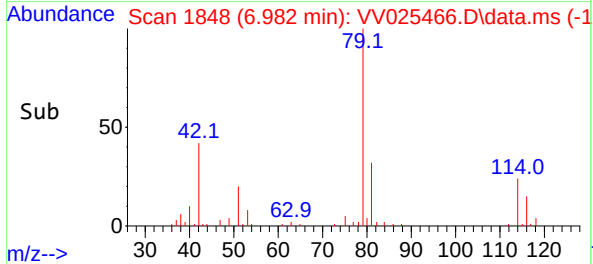
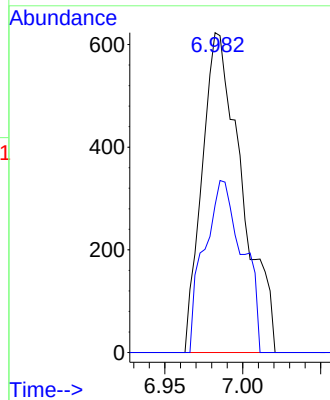
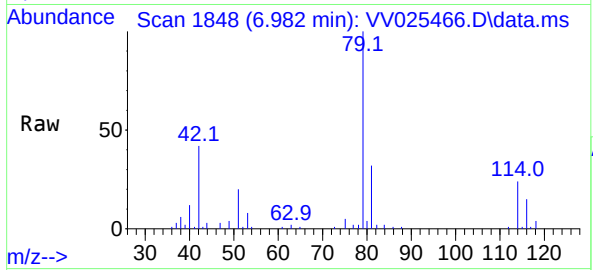
VHBLK001

Tgt Ion: 75 Resp: 1105

Ion Ratio Lower Upper

75 100

77 46.1 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.853 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025466.D

Acq: 12 Apr 2022 11:01

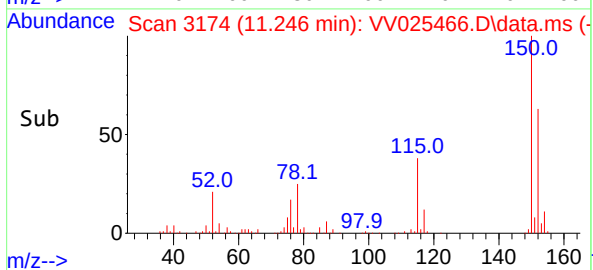
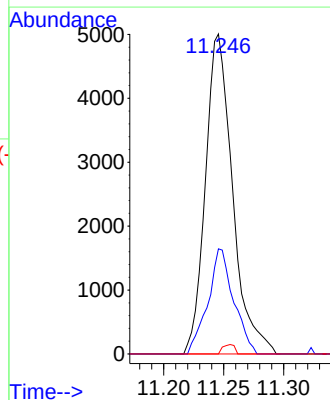
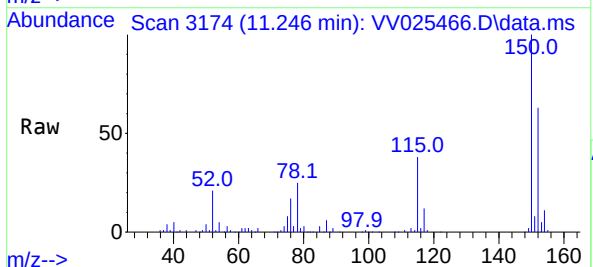
Tgt Ion: 75 Resp: 7881

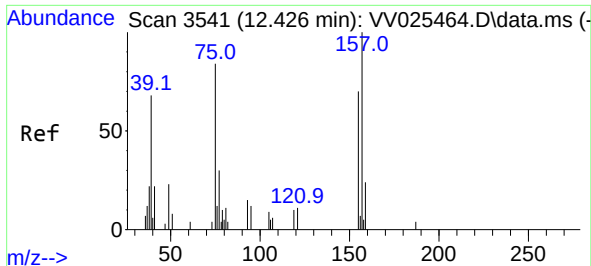
Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

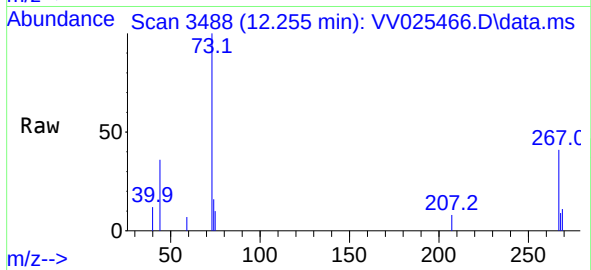
110 1.3 34.7 52.1#





#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 0.129 ug/L  
 RT: 12.255 min Scan# 34  
 Delta R.T. -0.170 min  
 Lab File: VV025466.D  
 Acq: 12 Apr 2022 11:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001



Tgt Ion: 75 Resp: 95  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 65.8 98.8#  
 157 0.0 86.6 130.0#

