

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062322\  
 Data File : VW026561.D  
 Acq On : 24 Jun 2022 17:25  
 Operator : SY/MD  
 Sample : N3401-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jun 25 02:36:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 25 02:21:54 2022  
 Response via : Initial Calibration

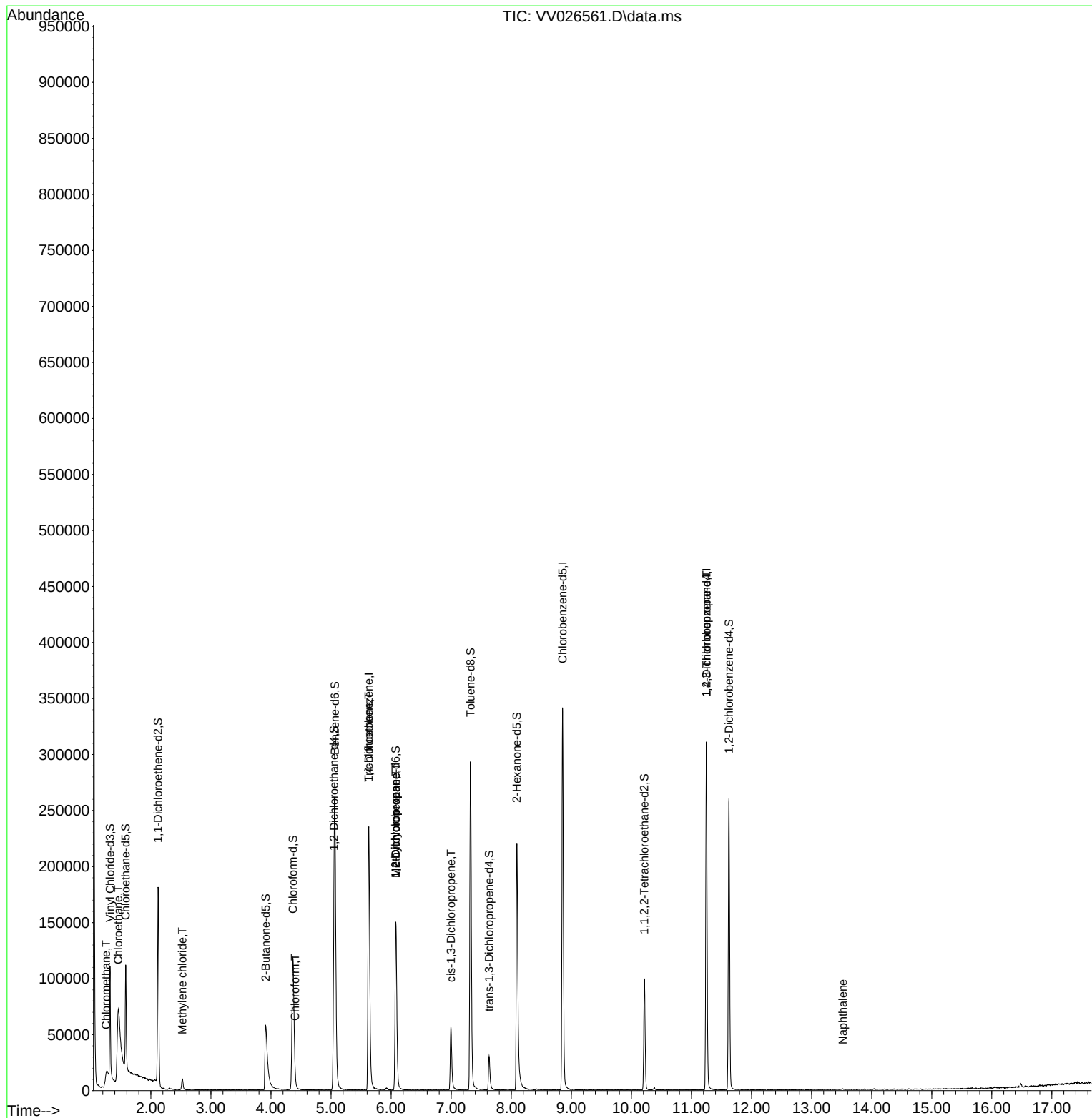
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.629  | 114            | 213517   | 5.000  | ug/L     | 0.01     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 197914   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 84459    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65             | 67082    | 3.907  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 78.200%  |          |
| 7) Chloroethane-d5            | 1.580  | 69             | 59631    | 4.323  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.121  | 63             | 94345    | 3.092  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 61.800%  |          |
| 20) 2-Butanone-d5             | 3.912  | 46             | 105536   | 61.819 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 123.640% |          |
| 24) Chloroform-d              | 4.365  | 84             | 126955   | 4.523  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.047  | 65             | 53271    | 4.927  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.600%  |          |
| 32) Benzene-d6                | 5.063  | 84             | 252492   | 4.442  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.079  | 67             | 76415    | 4.888  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.800%  |          |
| 41) Toluene-d8                | 7.323  | 98             | 205610   | 4.022  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 80.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79             | 19081    | 4.722  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 76033    | 49.401 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.800%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 50867    | 4.974  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 69342    | 4.961  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 99.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.252  | 50             | 854      | 0.048  | ug/L     | 95       |
| 8) Chloroethane               | 1.458  | 64             | 203606   | 15.813 | ug/L #   | 56       |
| 16) Methylene chloride        | 2.523  | 84             | 4403     | 0.288  | ug/L     | 97       |
| 25) Chloroform                | 4.400  | 83             | 3816     | 0.135  | ug/L     | 98       |
| 34) Trichloroethene           | 5.629  | 95             | 4226     | 0.278  | ug/L #   | 4        |
| 35) Methylcyclohexane         | 6.079  | 83             | 18182    | 0.809  | ug/L #   | 21       |
| 37) 1,2-Dichloropropane       | 6.079  | 63             | 8431     | 0.605  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.995  | 75             | 1309     | 0.094  | ug/L     | 89       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 10061    | 1.840  | ug/L #   | 64       |
| 71) Naphthalene               | 13.522 | 128            | 1032     | 0.061  | ug/L #   | 85       |

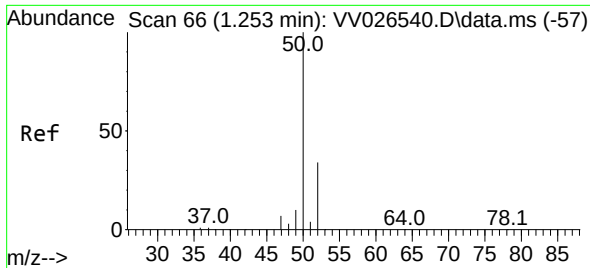
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 25 02:36:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 25 02:21:54 2022  
Response via : Initial Calibration

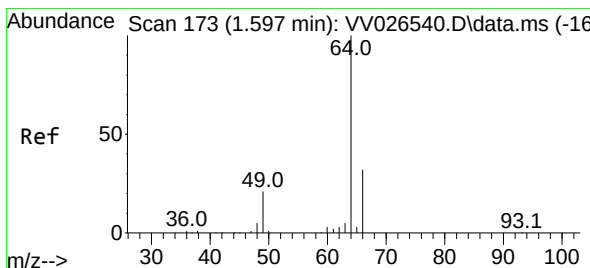
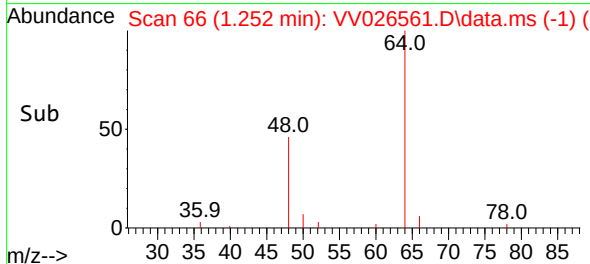
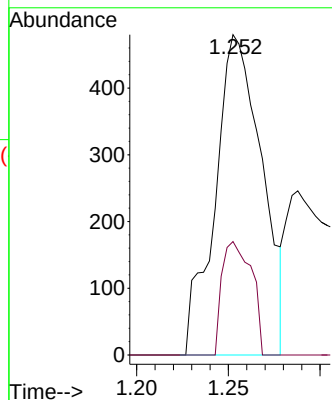
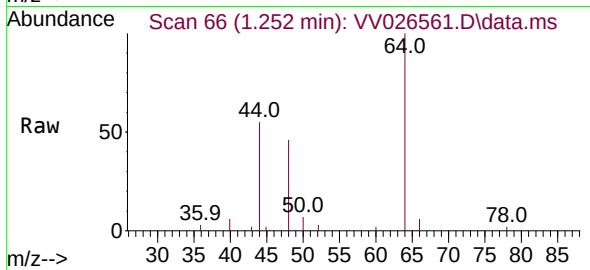




#3  
Chloromethane  
Concen: 0.048 ug/L  
RT: 1.252 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

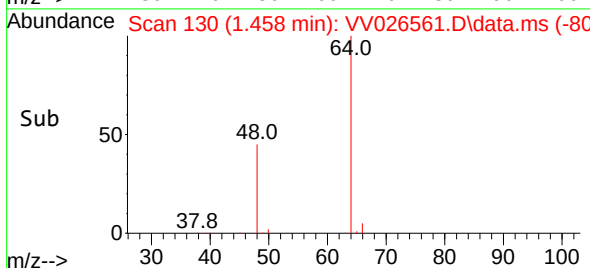
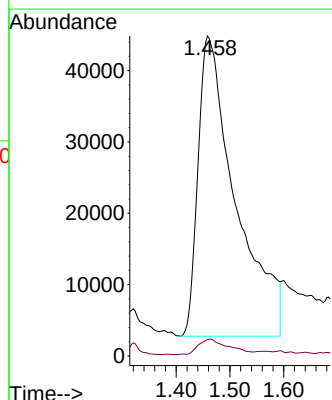
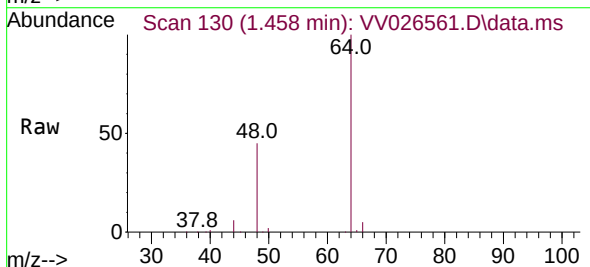
Instrument :  
MSVOA\_V  
ClientSampleId :  
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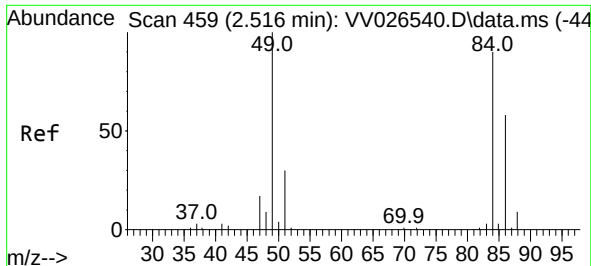
Tgt Ion: 50 Resp: 854  
Ion Ratio Lower Upper  
50 100  
52 35.4 23.0 42.6



#8  
Chloroethane  
Concen: 15.813 ug/L  
RT: 1.458 min Scan# 130  
Delta R.T. -0.138 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

Tgt Ion: 64 Resp: 203606  
Ion Ratio Lower Upper  
64 100  
66 5.1 20.0 37.2#

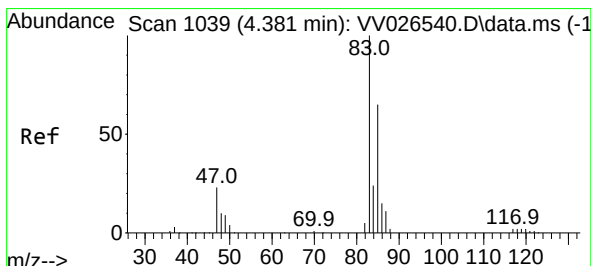
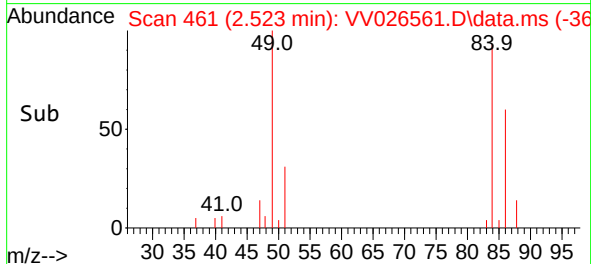
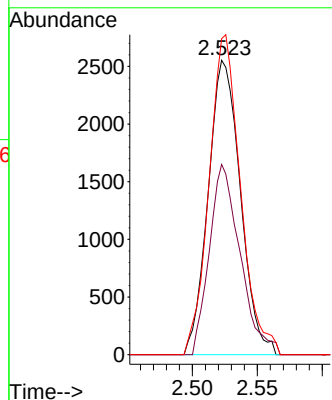
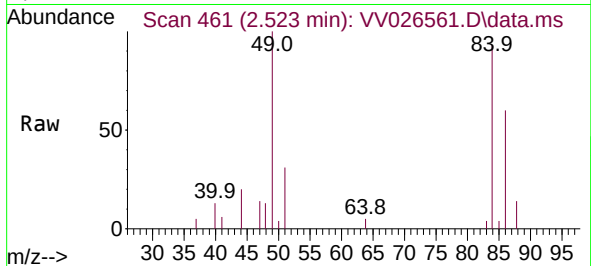




#16  
Methylene chloride  
Concen: 0.288 ug/L  
RT: 2.523 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

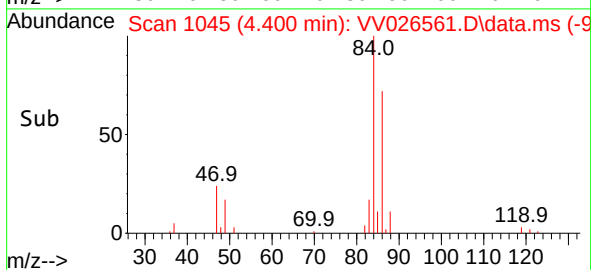
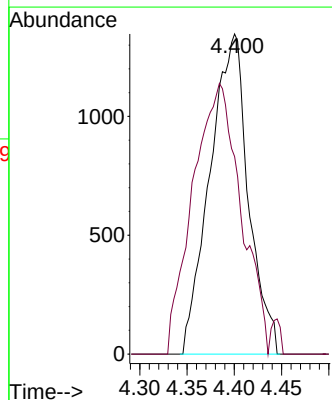
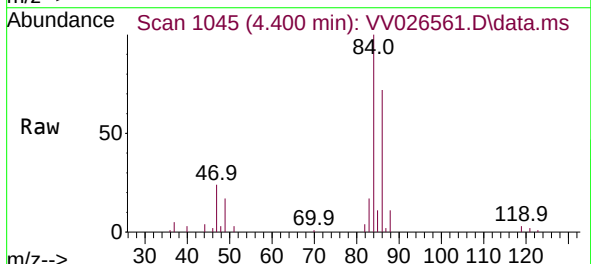
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ClientSampleId :  
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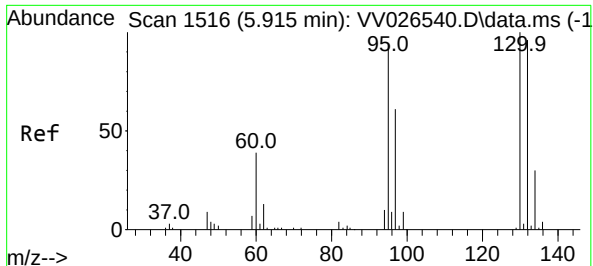
Tgt Ion: 84 Resp: 4403  
Ion Ratio Lower Upper  
84 100  
86 64.6 46.0 85.4  
49 107.3 77.7 144.3



#25  
Chloroform  
Concen: 0.135 ug/L  
RT: 4.400 min Scan# 1045  
Delta R.T. 0.019 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

Tgt Ion: 83 Resp: 3816  
Ion Ratio Lower Upper  
83 100  
85 61.7 44.0 81.8

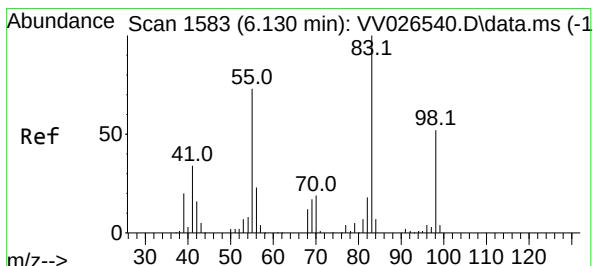
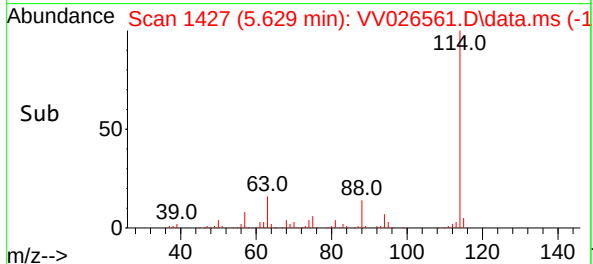
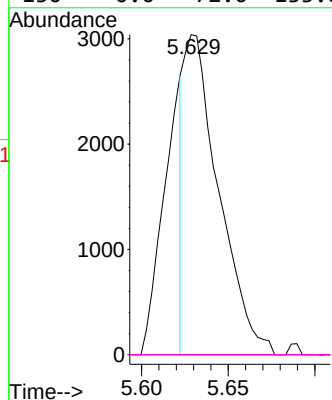
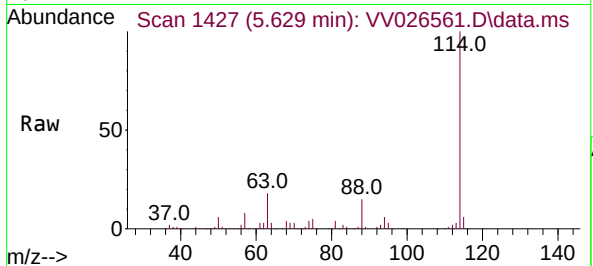




#34  
Trichloroethene  
Concen: 0.278 ug/L  
RT: 5.629 min Scan# 14  
Delta R.T. -0.286 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

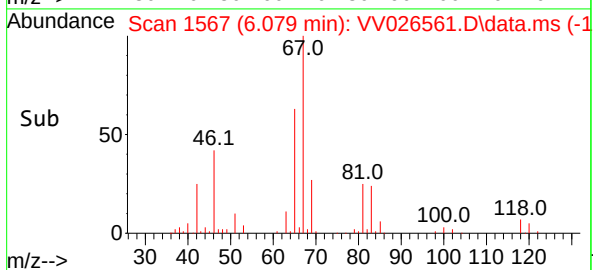
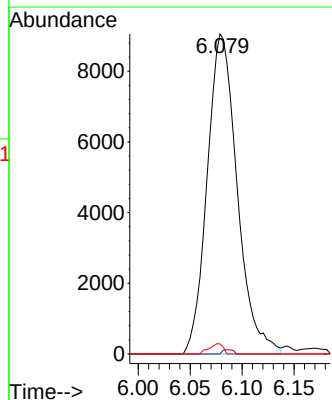
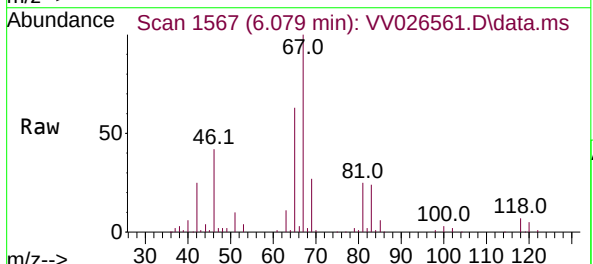
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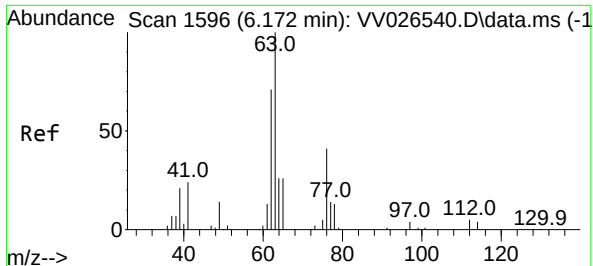
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 4226   |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 97       | 0.0   | 46.8  | 87.0#  |
| 132      | 0.0   | 69.9  | 129.7# |
| 130      | 0.0   | 72.0  | 133.8# |



#35  
Methylcyclohexane  
Concen: 0.809 ug/L  
RT: 6.079 min Scan# 1567  
Delta R.T. -0.052 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 18182 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.5   | 57.0  | 85.4# |
| 98       | 1.5   | 39.8  | 59.8# |





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV026561.D

Acq: 24 Jun 2022 17:25

Instrument :

MSVOA\_V

ClientSampleId :

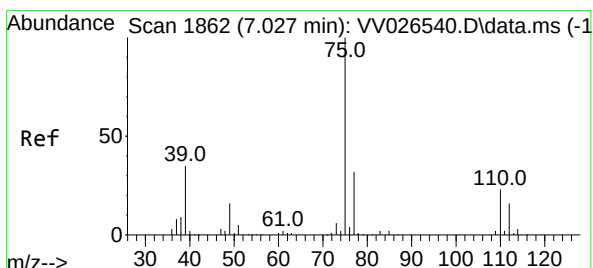
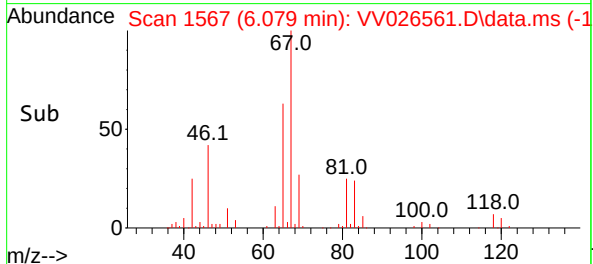
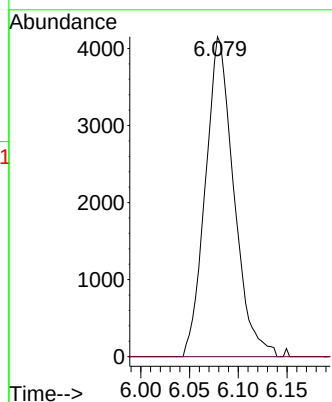
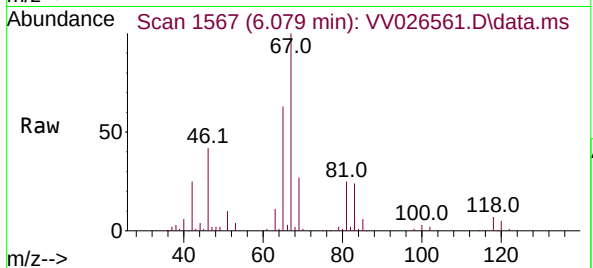
VHBLK001

Tgt Ion: 63 Resp: 8431

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV026561.D

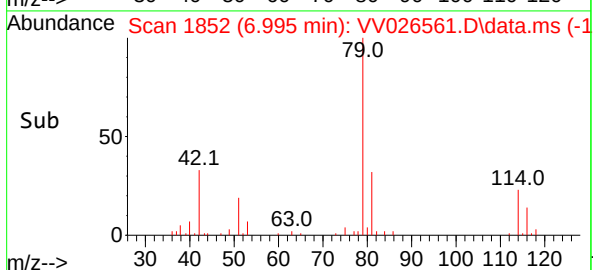
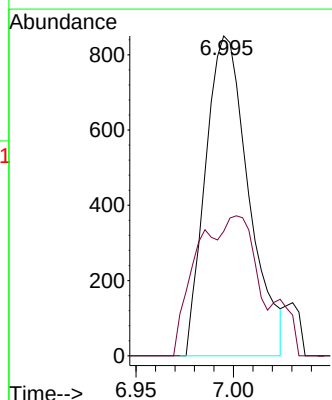
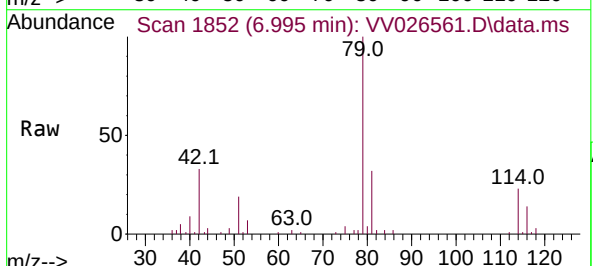
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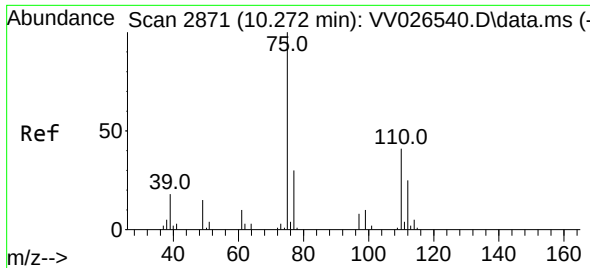
Tgt Ion: 75 Resp: 1309

Ion Ratio Lower Upper

75 100

77 38.9 22.8 42.4

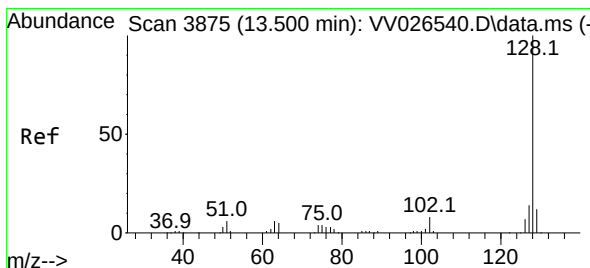
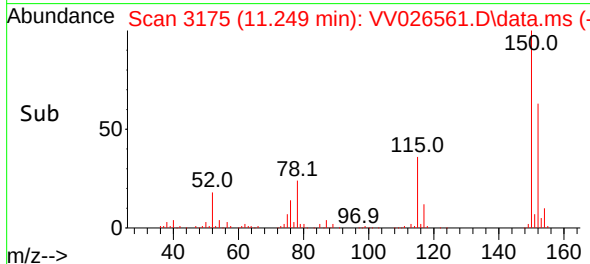
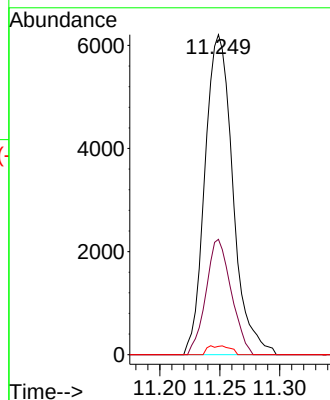
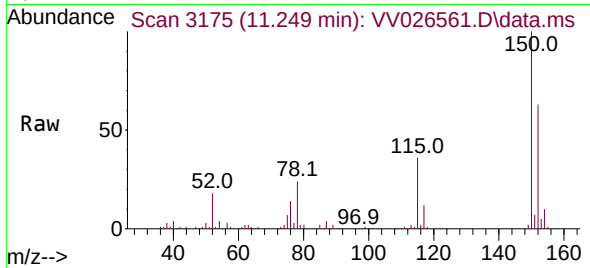




#61  
1,2,3-Trichloropropane  
Concen: 1.840 ug/L  
RT: 11.249 min Scan# 31  
Delta R.T. 0.977 min  
Lab File: VV026561.D  
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Tgt Ion: 75 Resp: 10061  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.8 38.6  
110 0.9 32.5 48.7#



#71  
Naphthalene  
Concen: 0.061 ug/L  
RT: 13.522 min Scan# 3882  
Delta R.T. 0.022 min  
Lab File: VV026561.D  
Acq: 24 Jun 2022 17:25

Tgt Ion:128 Resp: 1032  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.6 12.8#  
127 14.6 10.2 15.4

