

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062022\  
 Data File : VW026457.D  
 Acq On : 20 Jun 2022 19:49  
 Operator : SY/MD  
 Sample : N3385-02  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AA3

Quant Time: Jun 21 05:39:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061522WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 21 05:26:17 2022  
 Response via : Initial Calibration

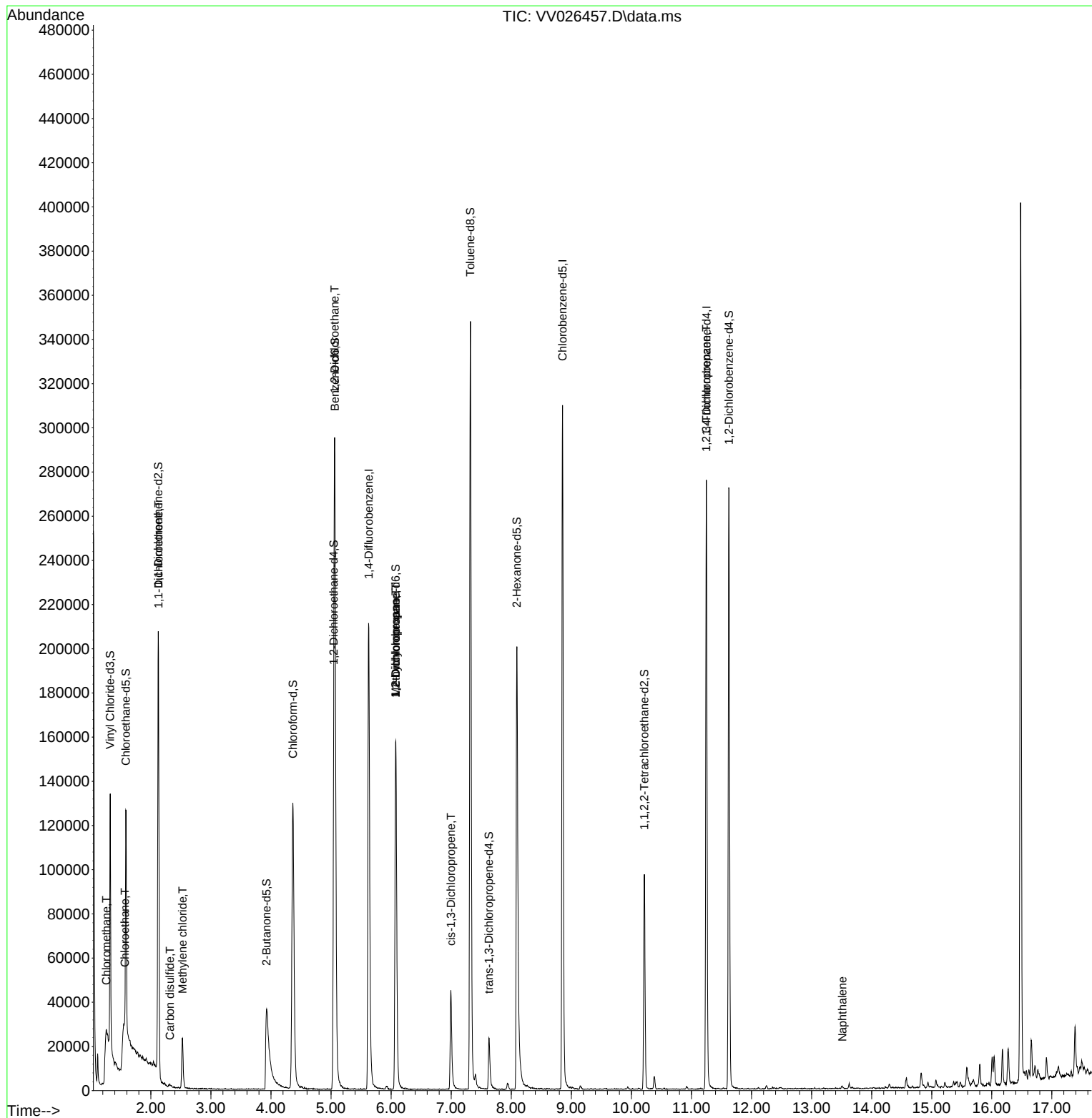
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.625  | 114   | 194939   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 179410   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 75024    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.323  | 65    | 76429    | 4.514    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.200%   |
| 7) Chloroethane-d5            | 1.584  | 69    | 64343    | 4.833    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.600%   |
| 11) 1,1-Dichloroethene-d2     | 2.124  | 63    | 107548   | 3.699    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.000%   |
| 20) 2-Butanone-d5             | 3.924  | 46    | 90971    | 55.062   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 110.120%  |
| 24) Chloroform-d              | 4.365  | 84    | 138859   | 5.595    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 112.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65    | 54929    | 5.232    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.600%  |
| 32) Benzene-d6                | 5.063  | 84    | 282094   | 5.881    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 117.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.079  | 67    | 83325    | 5.952    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 119.000%  |
| 41) Toluene-d8                | 7.320  | 98    | 235932   | 5.394    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.800%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 15477    | 3.410    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 68.200%   |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 72523    | 52.889   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 49601    | 5.752    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 115.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 72001    | 6.231    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 124.600%# |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 3) Chloromethane              | 1.259  | 50    | 2741     | 0.169    | ug/L   | 87        |
| 8) Chloroethane               | 1.567  | 64    | 67588    | 6.470    | ug/L # | 48        |
| 12) 1,1-Dichloroethene        | 2.127  | 96    | 1012     | 0.082    | ug/L # | 1         |
| 14) Carbon disulfide          | 2.317  | 76    | 1821     | 0.060    | ug/L # | 75        |
| 16) Methylene chloride        | 2.526  | 84    | 10247    | 0.652    | ug/L   | 92        |
| 27) 1,2-Dichloroethane        | 5.059  | 62    | 1321     | 0.117    | ug/L # | 71        |
| 35) Methylcyclohexane         | 6.079  | 83    | 19468    | 1.121    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 6.075  | 63    | 8281     | 0.688    | ug/L # | 88        |
| 39) cis-1,3-Dichloropropene   | 6.995  | 75    | 1176     | 0.086    | ug/L # | 75        |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 9028     | 1.854    | ug/L # | 65        |
| 71) Naphthalene               | 13.512 | 128   | 1108     | 0.076    | ug/L # | 69        |
| -----                         |        |       |          |          |        |           |

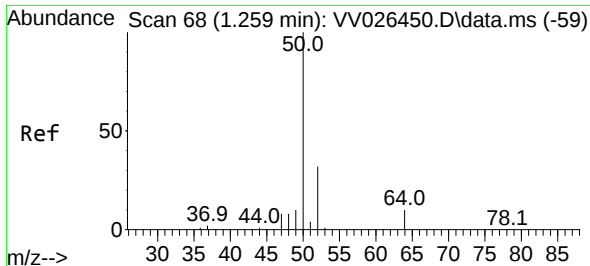
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062022\  
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Sample : N3385-02  
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Jun 21 05:26:17 2022  
Response via : Initial Calibration

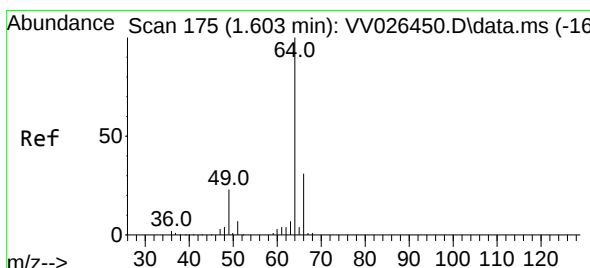
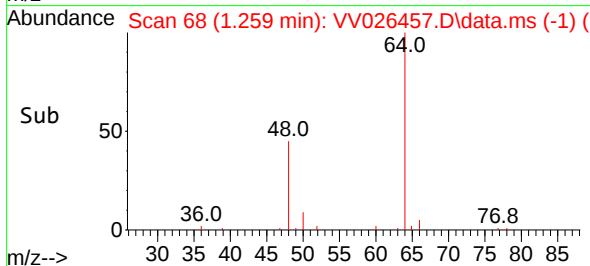
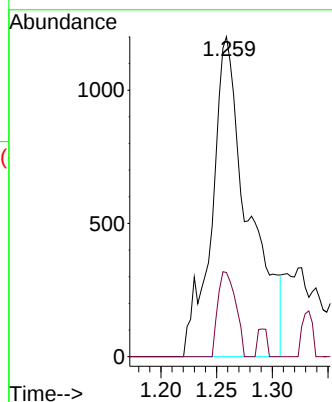
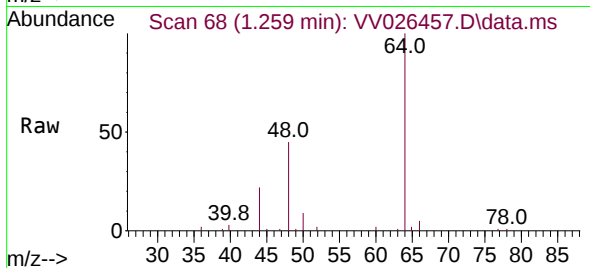




#3  
Chloromethane  
Concen: 0.169 ug/L  
RT: 1.259 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

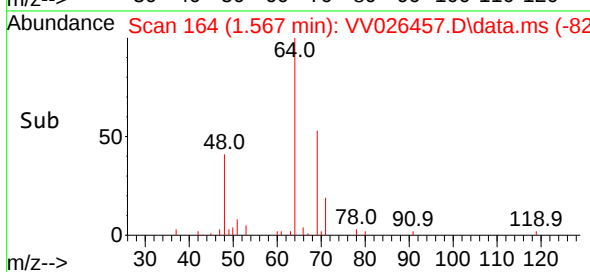
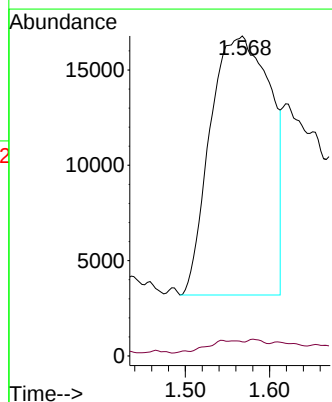
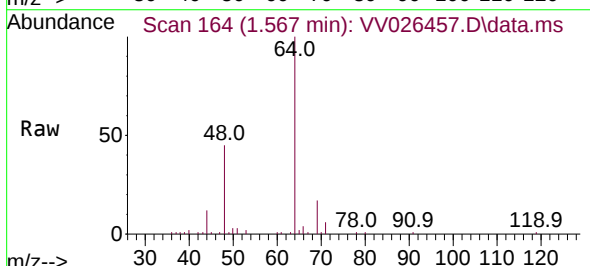
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AA3

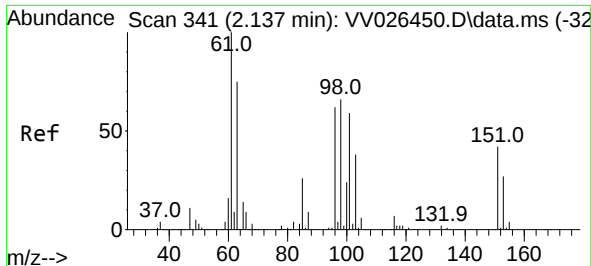
Tgt Ion: 50 Resp: 2741  
Ion Ratio Lower Upper  
50 100  
52 26.3 23.7 44.1



#8  
Chloroethane  
Concen: 6.470 ug/L  
RT: 1.567 min Scan# 164  
Delta R.T. -0.036 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

Tgt Ion: 64 Resp: 67588  
Ion Ratio Lower Upper  
64 100  
66 4.4 24.1 44.7#

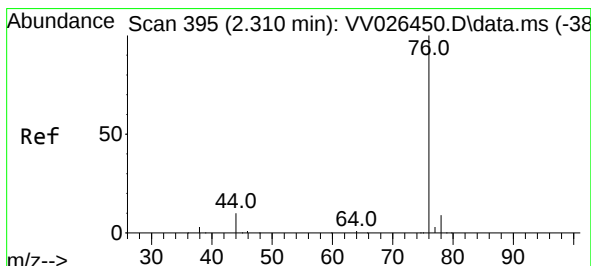
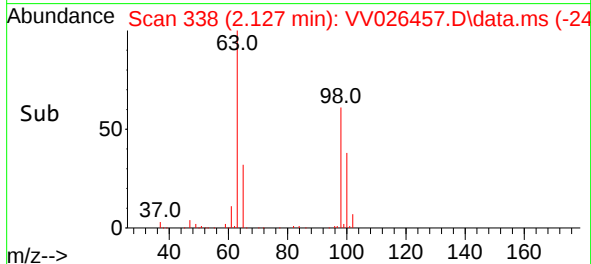
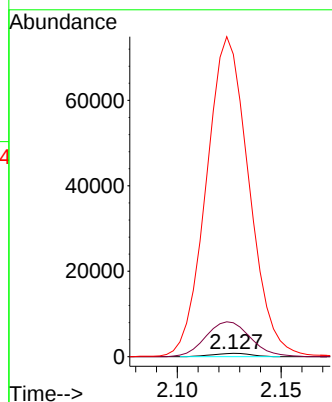
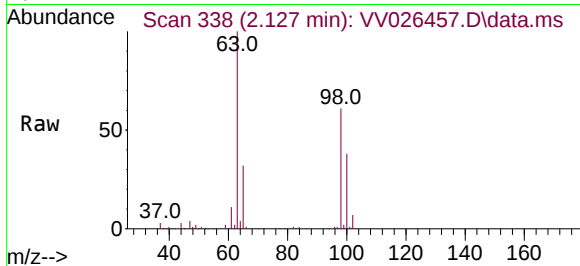




#12  
1,1-Dichloroethene  
Concen: 0.082 ug/L  
RT: 2.127 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

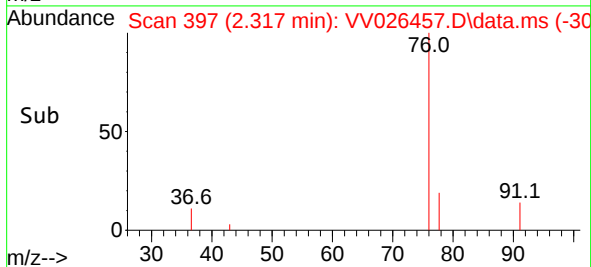
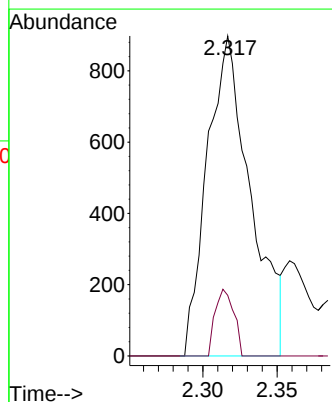
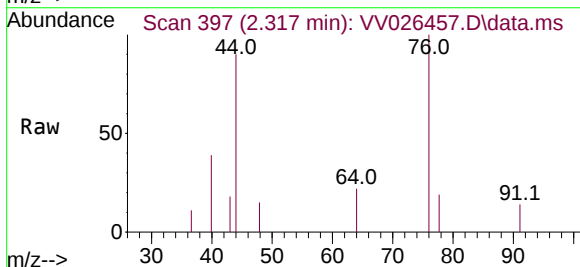
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AA3

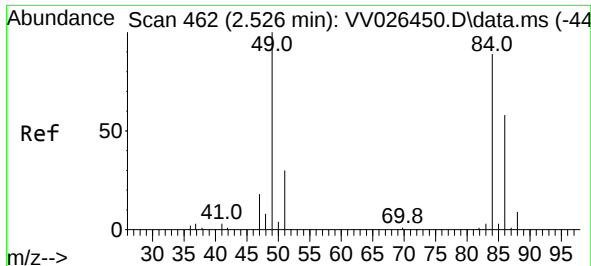
Tgt Ion: 96 Resp: 1012  
Ion Ratio Lower Upper  
96 100  
61 1009.5 117.1 217.5#  
63 9008.7 92.8 172.4#



#14  
Carbon disulfide  
Concen: 0.060 ug/L  
RT: 2.317 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

Tgt Ion: 76 Resp: 1821  
Ion Ratio Lower Upper  
76 100  
78 18.9 7.7 11.5#

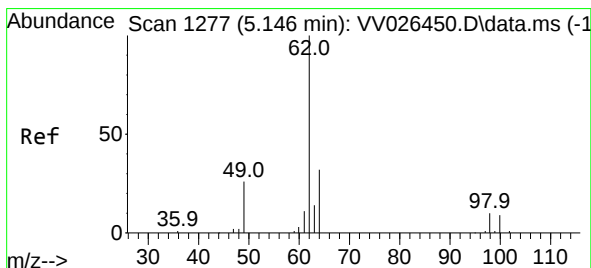
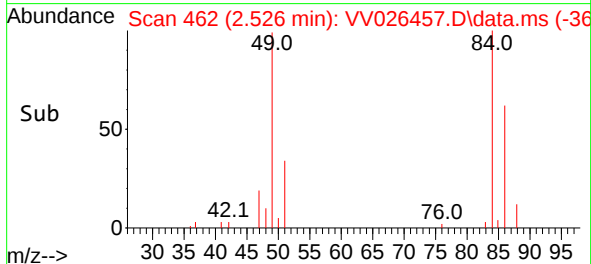
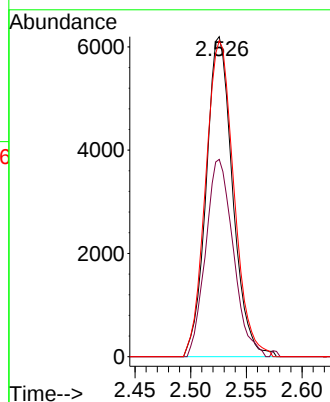
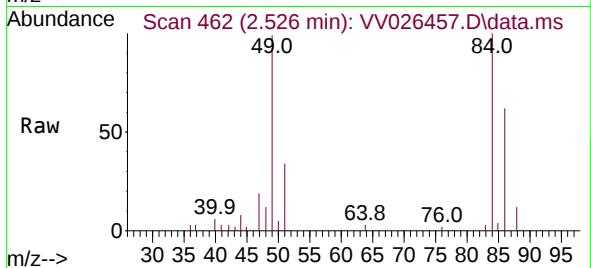




#16  
Methylene chloride  
Concen: 0.652 ug/L  
RT: 2.526 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

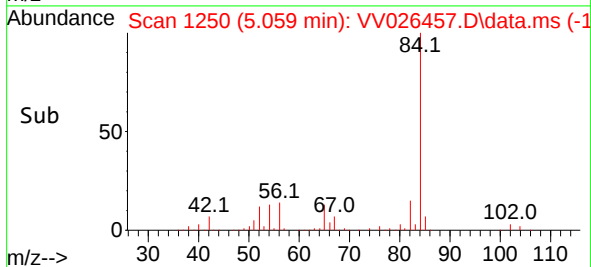
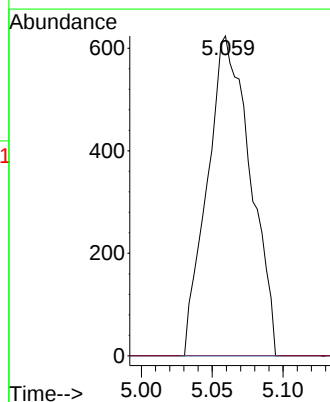
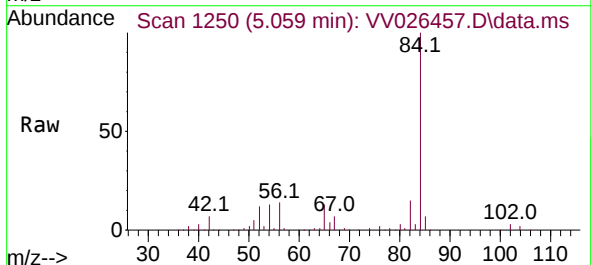
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AA3

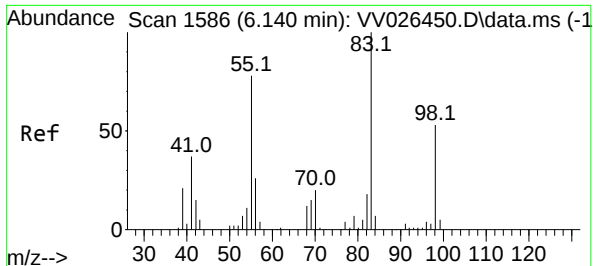
Tgt Ion: 84 Resp: 10247  
Ion Ratio Lower Upper  
84 100  
86 61.7 44.0 81.8  
49 98.7 77.3 143.7



#27  
1,2-Dichloroethane  
Concen: 0.117 ug/L  
RT: 5.059 min Scan# 1250  
Delta R.T. -0.087 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

Tgt Ion: 62 Resp: 1321  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.6 13.0#

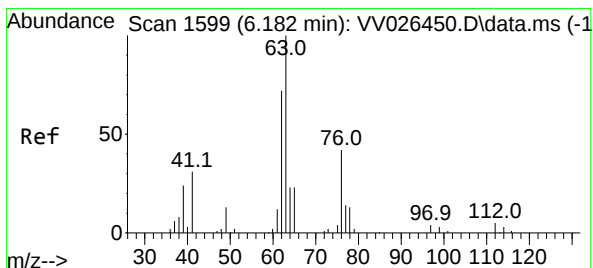
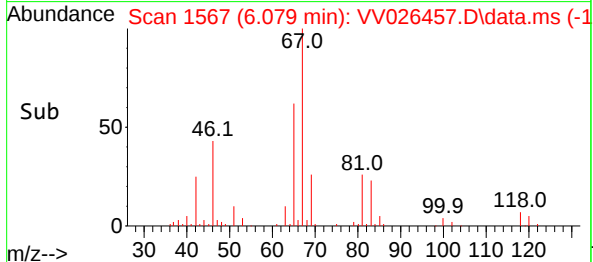
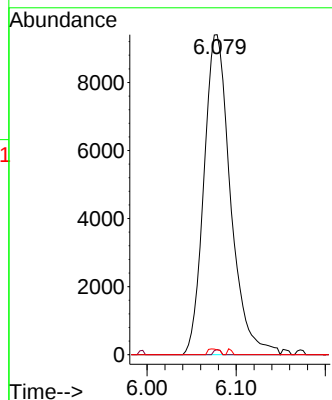
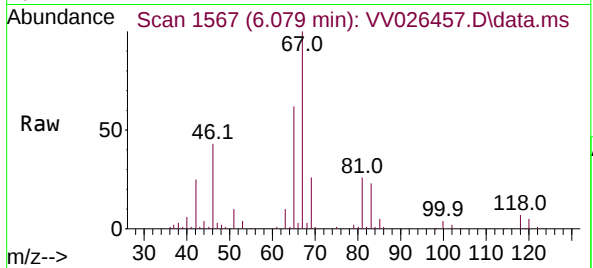




#35  
Methylcyclohexane  
Concen: 1.121 ug/L  
RT: 6.079 min Scan# 1566  
Delta R.T. -0.061 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

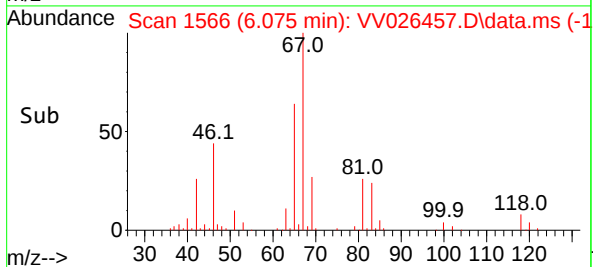
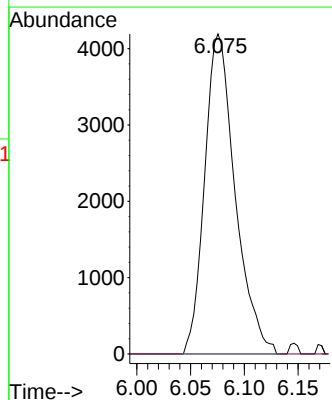
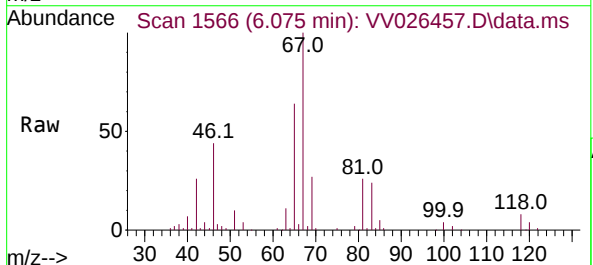
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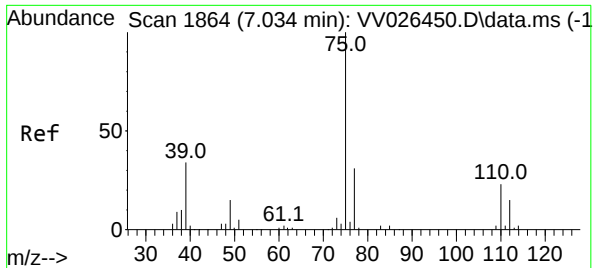
Tgt Ion: 83 Resp: 19468  
Ion Ratio Lower Upper  
83 100  
55 0.4 59.3 88.9#  
98 0.7 39.9 59.9#



#37  
1,2-Dichloropropane  
Concen: 0.688 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.106 min  
Lab File: VV026457.D  
Acq: 20 Jun 2022 19:49

Tgt Ion: 63 Resp: 8281  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#

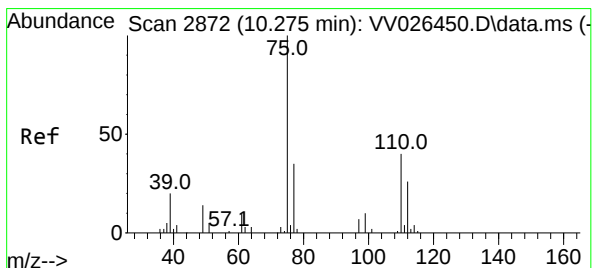
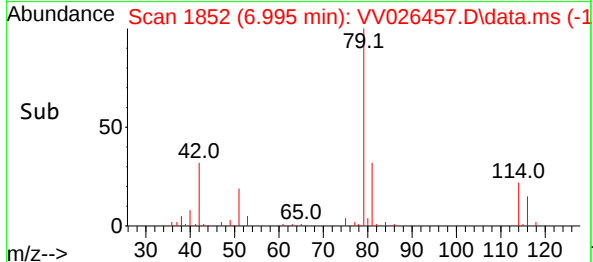
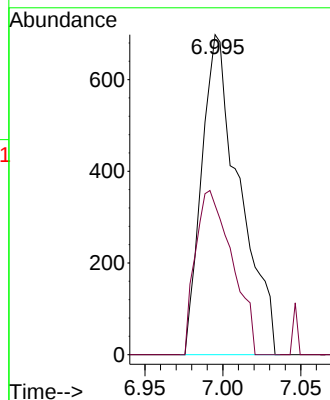
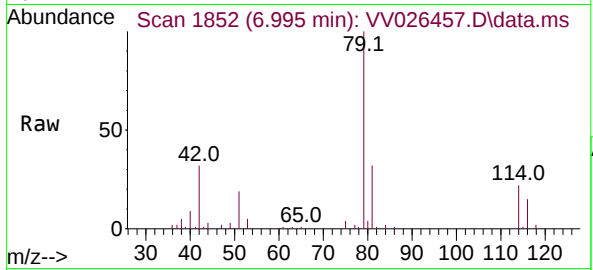




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.086 ug/L  
 RT: 6.995 min Scan# 1176  
 Delta R.T. -0.039 min  
 Lab File: VV026457.D  
 Acq: 20 Jun 2022 19:49

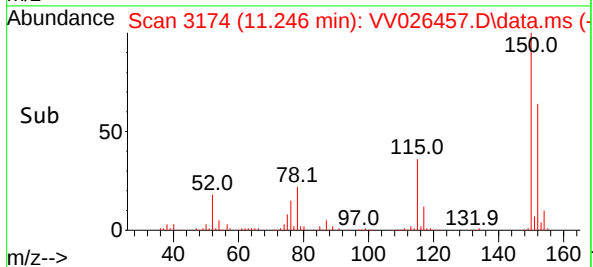
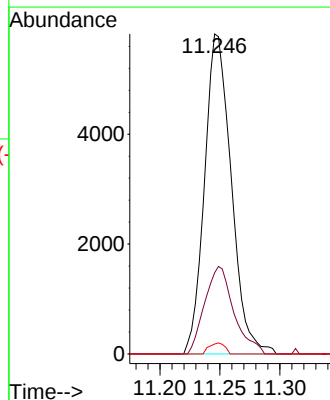
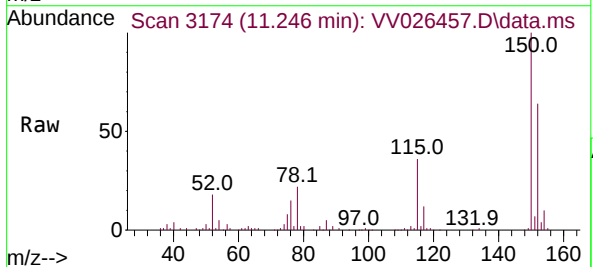
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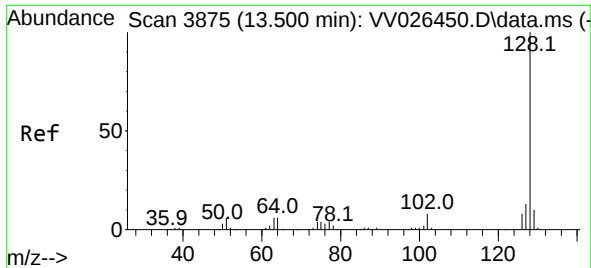
Tgt Ion: 75 Resp: 1176  
 Ion Ratio Lower Upper  
 75 100  
 77 46.7 23.0 42.6#



#61  
 1,2,3-Trichloropropane  
 Concen: 1.854 ug/L  
 RT: 11.246 min Scan# 3174  
 Delta R.T. 0.971 min  
 Lab File: VV026457.D  
 Acq: 20 Jun 2022 19:49

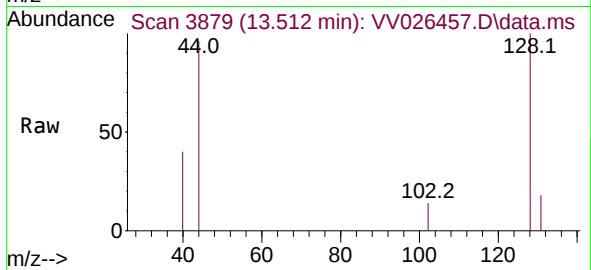
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 Ion Ratio Lower Upper  
 75 100  
 77 29.7 26.9 40.3  
 110 2.0 30.7 46.1#





#71  
Naphthalene  
Concen: 0.076 ug/L  
RT: 13.512 min Scan# 3879  
Delta R.T. 0.013 min  
Lab File: VV026457.D  
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MSVOA\_V  
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Tgt Ion:128 Resp: 1108  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.7 13.1#  
127 0.0 10.6 16.0#

