

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062322\  
 Data File : VW026530.D  
 Acq On : 23 Jun 2022 21:31  
 Operator : SY/MD  
 Sample : N3400-15  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AE8

Quant Time: Jun 24 02:06:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR062322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 24 00:51:15 2022  
 Response via : Initial Calibration

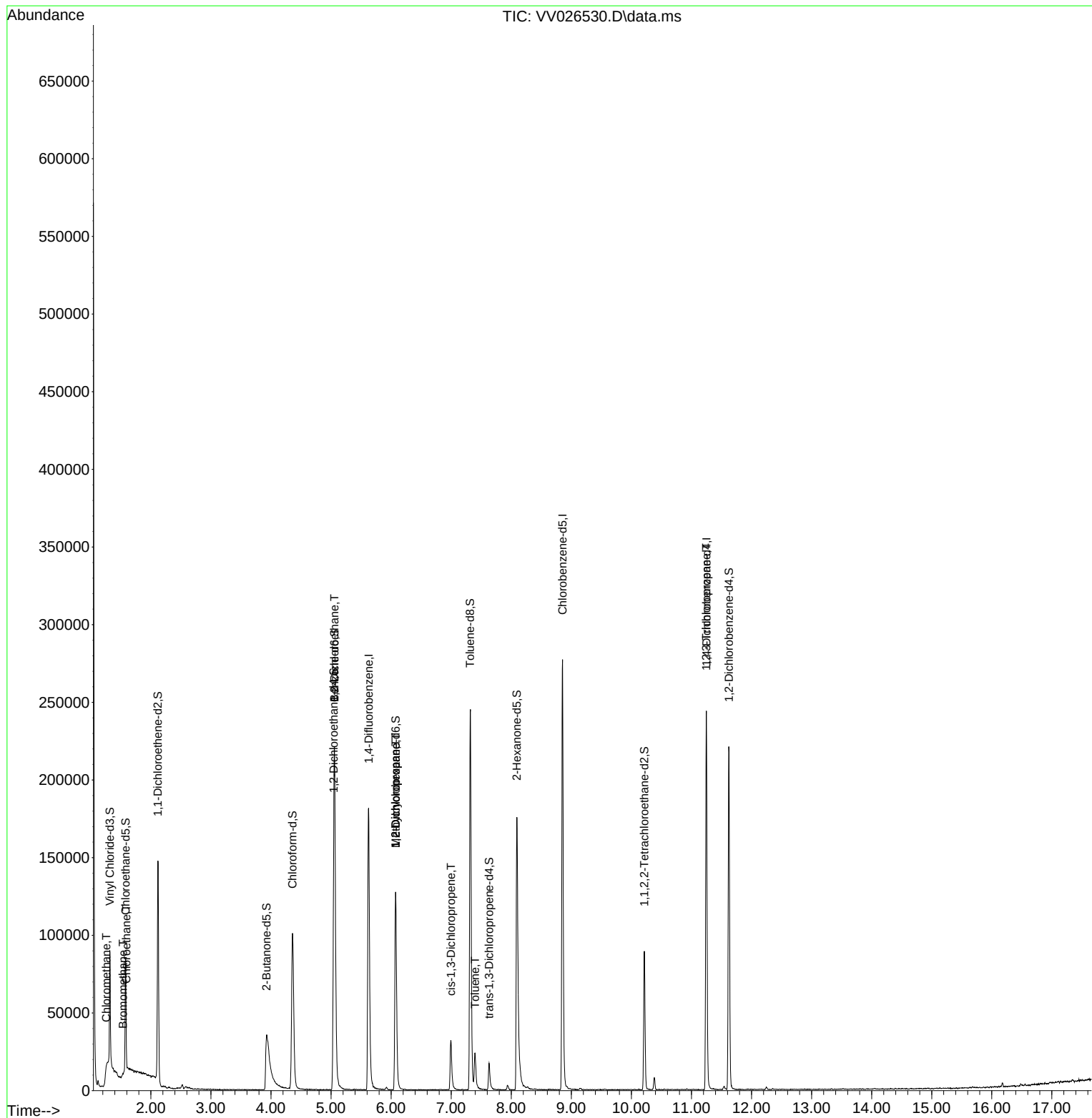
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| -----                         |        |                |          |        |           |          |
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114            | 167862   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117            | 161444   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 67276    | 5.000  | ug/L      | 0.00     |
|                               |        |                |          |        |           |          |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.317  | 65             | 49609    | 3.675  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 73.400%   |          |
| 7) Chloroethane-d5            | 1.580  | 69             | 46332    | 4.272  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 85.400%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.117  | 63             | 74932    | 3.124  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 62.400%   |          |
| 20) 2-Butanone-d5             | 3.928  | 46             | 91080    | 67.862 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 135.720%# |          |
| 24) Chloroform-d              | 4.358  | 84             | 110317   | 4.999  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 100.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65             | 46827    | 5.509  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 110.200%  |          |
| 32) Benzene-d6                | 5.056  | 84             | 213380   | 4.601  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.000%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.075  | 67             | 65649    | 5.148  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 103.000%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 170395   | 4.086  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.800%   |          |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79             | 11139    | 3.379  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 67.600%   |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 61652    | 49.106 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.220%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 44410    | 5.324  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 106.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 60024    | 5.391  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 107.800%  |          |
|                               |        |                |          |        |           |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 3) Chloromethane              | 1.256  | 50             | 1073     | 0.077  | ug/L #    | 42       |
| 6) Bromomethane               | 1.535  | 94             | 401      | 0.050  | ug/L      | 97       |
| 8) Chloroethane               | 1.590  | 64             | 12740    | 1.259  | ug/L #    | 57       |
| 27) 1,2-Dichloroethane        | 5.056  | 62             | 1008     | 0.102  | ug/L #    | 72       |
| 35) Methylcyclohexane         | 6.075  | 83             | 16434    | 0.896  | ug/L #    | 20       |
| 37) 1,2-Dichloropropane       | 6.075  | 63             | 6968     | 0.613  | ug/L #    | 86       |
| 39) cis-1,3-Dichloropropene   | 6.995  | 75             | 890      | 0.078  | ug/L #    | 69       |
| 42) Toluene                   | 7.397  | 91             | 18870    | 0.388  | ug/L      | 99       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 8089     | 1.857  | ug/L #    | 62       |
| -----                         |        |                |          |        |           |          |

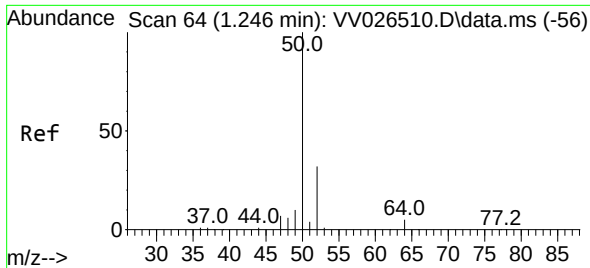
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 24 00:51:15 2022  
Response via : Initial Calibration

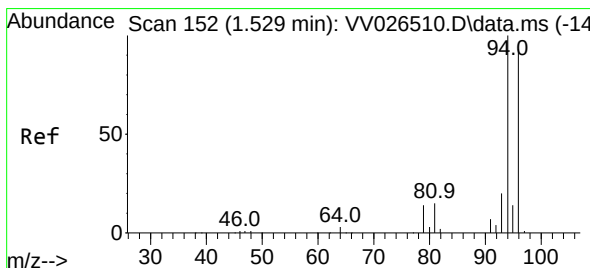
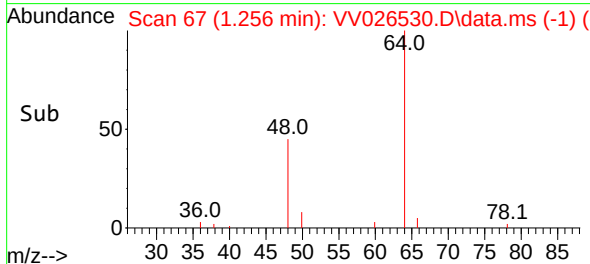
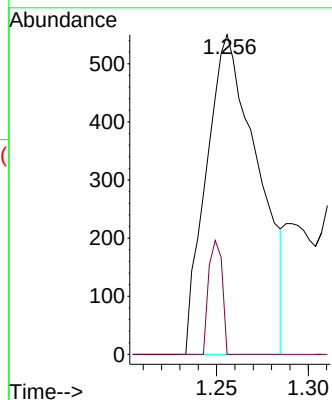
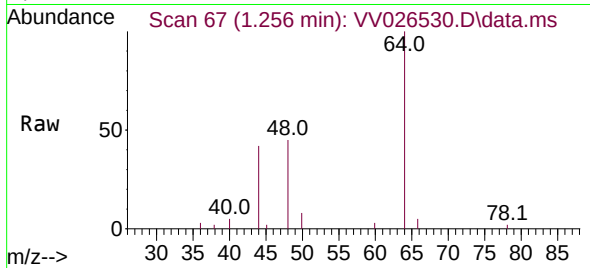




#3  
Chloromethane  
Concen: 0.077 ug/L  
RT: 1.256 min Scan# 61  
Delta R.T. 0.009 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

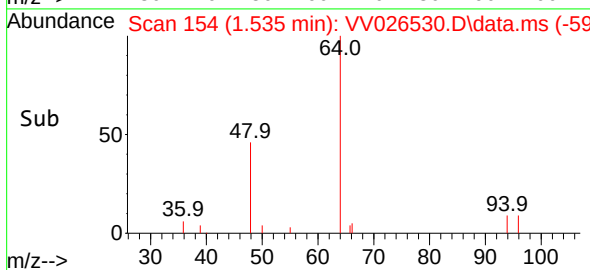
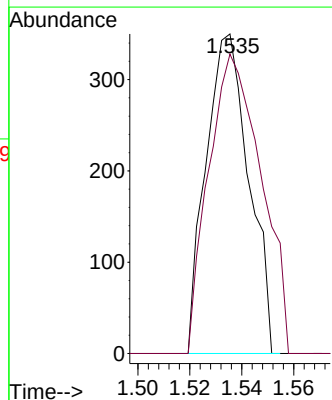
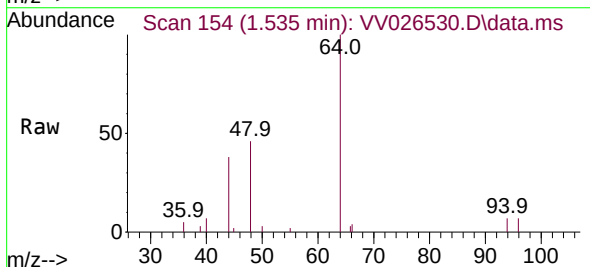
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AE8

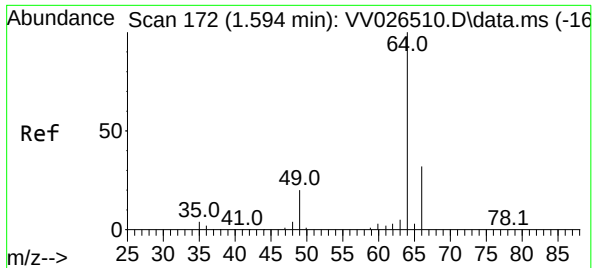
Tgt Ion: 50 Resp: 1073  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.6#



#6  
Bromomethane  
Concen: 0.050 ug/L  
RT: 1.535 min Scan# 154  
Delta R.T. 0.006 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

Tgt Ion: 94 Resp: 401  
Ion Ratio Lower Upper  
94 100  
96 93.7 68.0 126.2

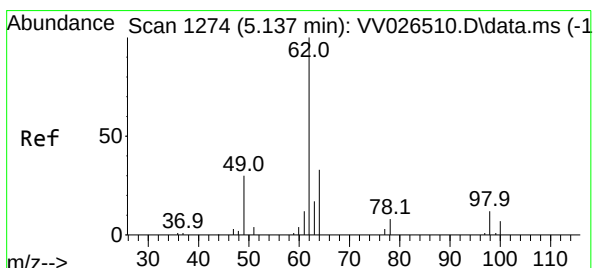
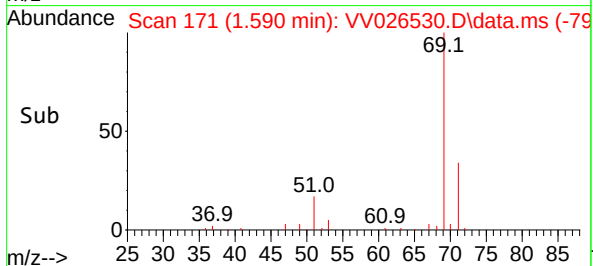
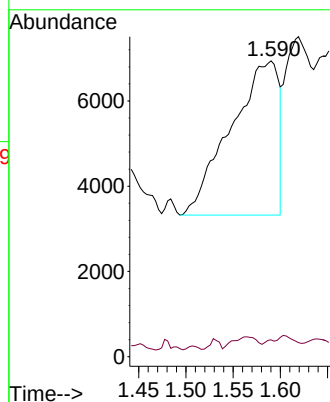
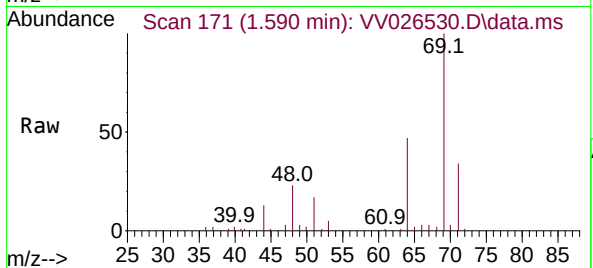




#8  
Chloroethane  
Concen: 1.259 ug/L  
RT: 1.590 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

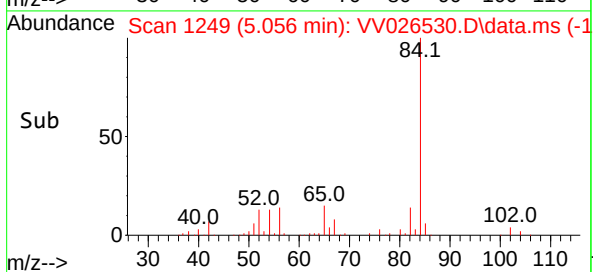
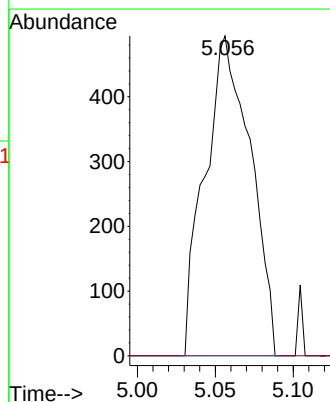
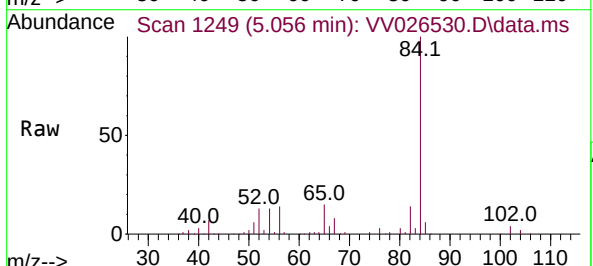
Instrument :  
MSVOA\_V  
ClientSampleId :  
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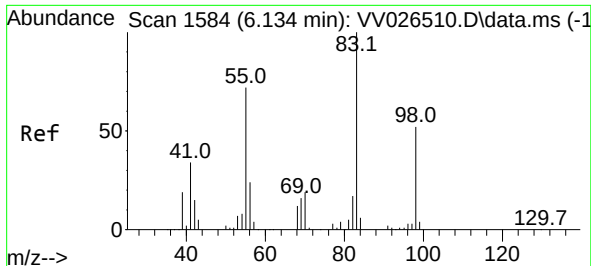
Tgt Ion: 64 Resp: 12740  
Ion Ratio Lower Upper  
64 100  
66 5.7 20.0 37.2#



#27  
1,2-Dichloroethane  
Concen: 0.102 ug/L  
RT: 5.056 min Scan# 1249  
Delta R.T. -0.081 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

Tgt Ion: 62 Resp: 1008  
Ion Ratio Lower Upper  
62 100  
98 0.0 8.4 12.6#

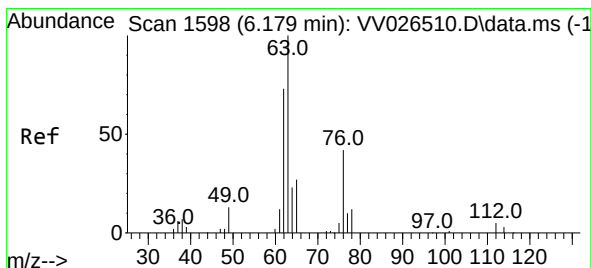
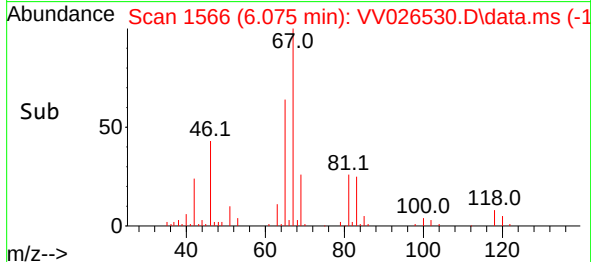
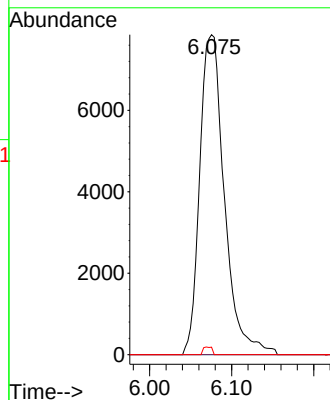
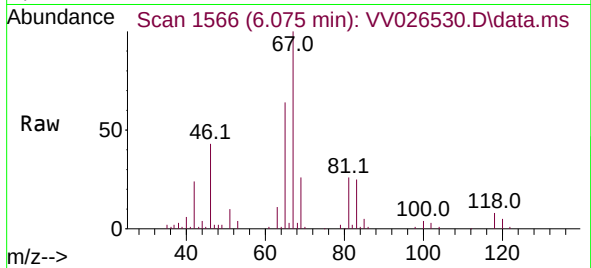




#35  
Methylcyclohexane  
Concen: 0.896 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.058 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

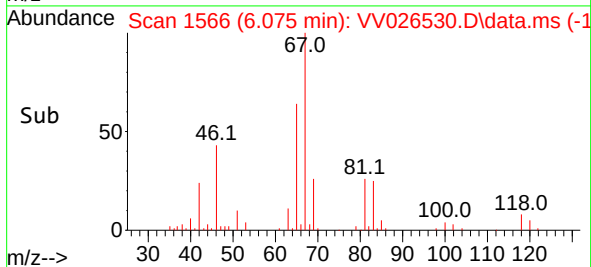
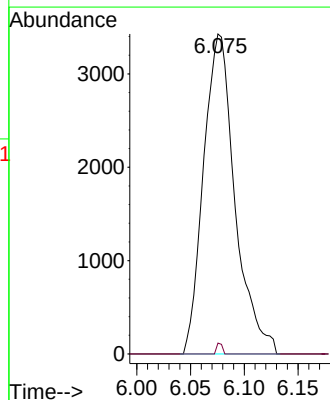
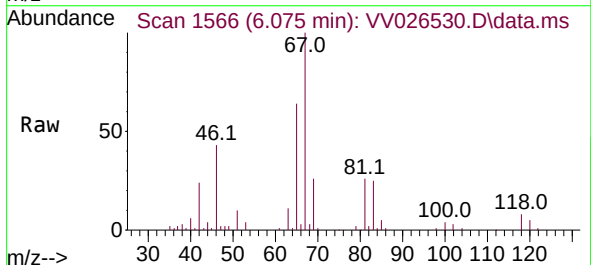
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AE8

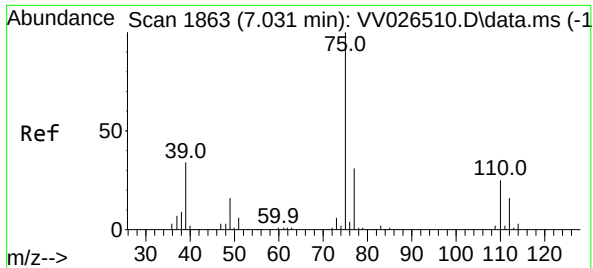
Tgt Ion: 83 Resp: 16434  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.0 85.4#  
98 0.8 39.8 59.8#



#37  
1,2-Dichloropropane  
Concen: 0.613 ug/L  
RT: 6.075 min Scan# 1566  
Delta R.T. -0.103 min  
Lab File: VV026530.D  
Acq: 23 Jun 2022 21:31

Tgt Ion: 63 Resp: 6968  
Ion Ratio Lower Upper  
63 100  
112 0.6 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.995 min Scan# 1863

Delta R.T. -0.036 min

Lab File: VV026530.D

Acq: 23 Jun 2022 21:31

Instrument :

MSVOA\_V

ClientSampleId :

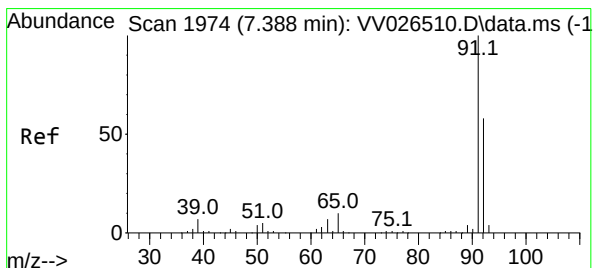
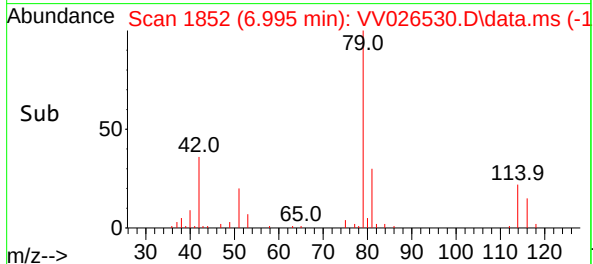
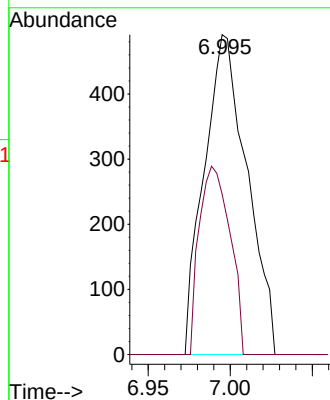
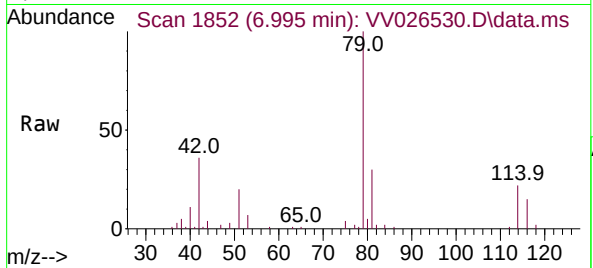
C0AE8

Tgt Ion: 75 Resp: 890

Ion Ratio Lower Upper

75 100

77 50.1 22.8 42.4#



#42

Toluene

Concen: 0.388 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.009 min

Lab File: VV026530.D

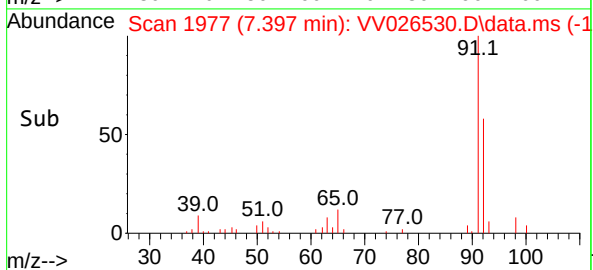
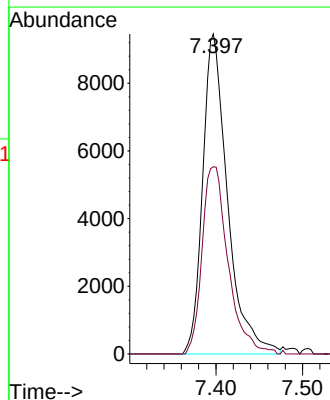
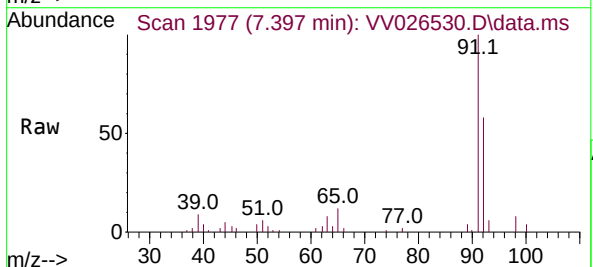
Acq: 23 Jun 2022 21:31

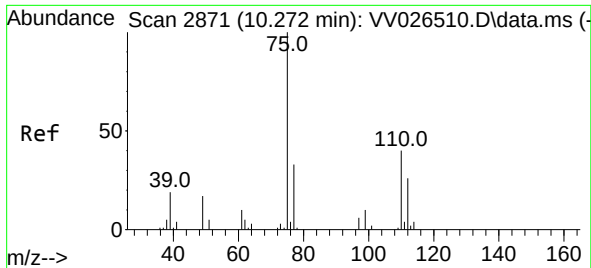
Tgt Ion: 91 Resp: 18870

Ion Ratio Lower Upper

91 100

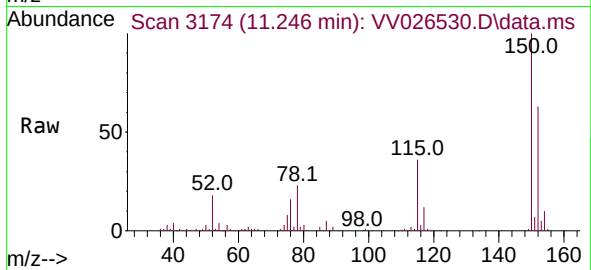
92 58.5 40.3 74.9





#61  
 1,2,3-Trichloropropane  
 Concen: 1.857 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV026530.D  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 8089        |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 77          | 28.2  | 25.8 38.6   |
| 110         | 2.1   | 32.5 48.7#  |

