

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW112321\  
 Data File : VW023676.D  
 Acq On : 23 Nov 2021 17:19  
 Operator : SY/MD  
 Sample : M4706-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

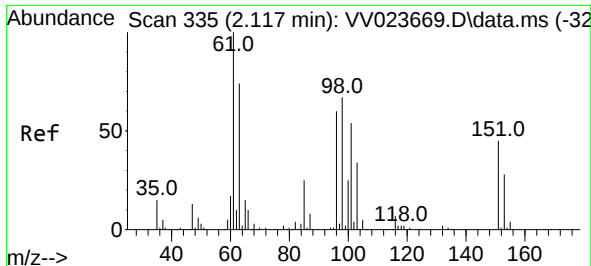
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 24 05:00:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR112321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 24 04:42:45 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 137326   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 137419   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 64276    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 51568    | 4.574  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 91.400%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 40807    | 4.605  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 70307    | 3.539  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.800%  |          |
| 20) 2-Butanone-d5             | 3.899  | 46             | 52932    | 39.058 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 78.120%  |          |
| 24) Chloroform-d              | 4.349  | 84             | 92493    | 4.712  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 44377    | 4.839  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 96.800%  |          |
| 32) Benzene-d6                | 5.053  | 84             | 174536   | 4.663  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 50897    | 4.850  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 97.000%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 153811   | 4.398  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.000%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18483    | 4.369  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.400%  |          |
| 46) 2-Hexanone-d5             | 8.091  | 63             | 61249    | 43.579 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 87.160%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 34005    | 4.503  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 90.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 58465    | 5.145  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 102.800% |          |
| Target Compounds              |        |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.111  | 96             | 564      | 0.061  | ug/L #   | 1        |
| 35) Methylcyclohexane         | 6.069  | 83             | 12704    | 0.776  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 6304     | 0.677  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.995  | 75             | 1430     | 0.108  | ug/L #   | 70       |
| 48) 2-Hexanone                | 8.146  | 43             | 8475     | 2.579  | ug/L #   | 80       |
| 61) 1,2,3-Trichloropropane    | 11.252 | 75             | 6809     | 1.494  | ug/L #   | 62       |

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

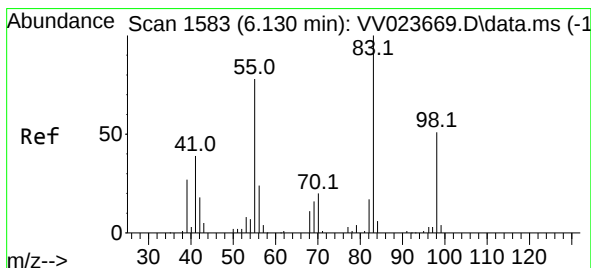
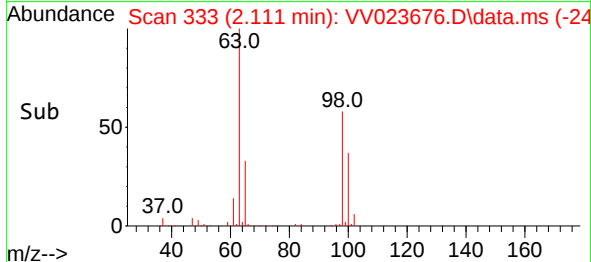
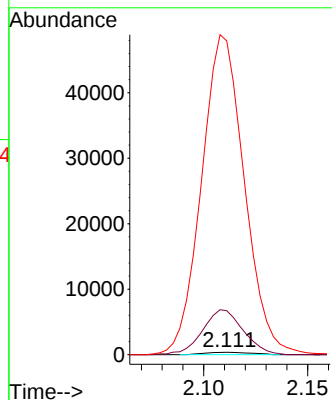
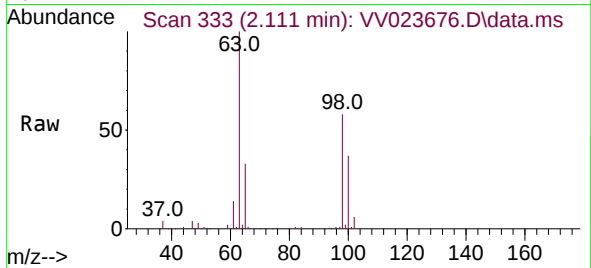




#12  
1,1-Dichloroethene  
Concen: 0.061 ug/L  
RT: 2.111 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VV023676.D  
Acq: 23 Nov 2021 17:19

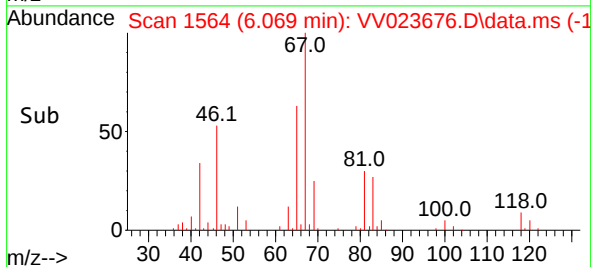
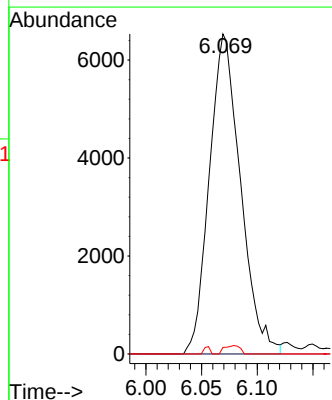
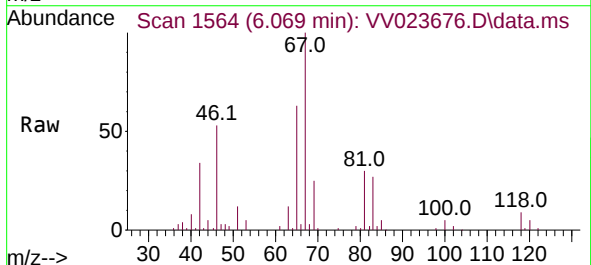
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MSVOA\_V  
ClientSampleId :

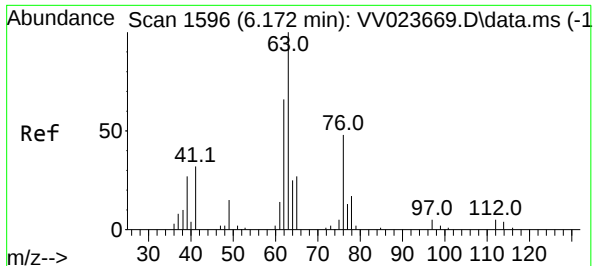
Tgt Ion: 96 Resp: 564  
Ion Ratio Lower Upper  
96 100  
61 1839.3 116.1 215.5#  
63 13095.1 79.4 147.4#



#35  
Methylcyclohexane  
Concen: 0.776 ug/L  
RT: 6.069 min Scan# 1564  
Delta R.T. -0.061 min  
Lab File: VV023676.D  
Acq: 23 Nov 2021 17:19

Tgt Ion: 83 Resp: 12704  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.2 90.2#  
98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.677 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023676.D

Acq: 23 Nov 2021 17:19

Instrument :

MSVOA\_V

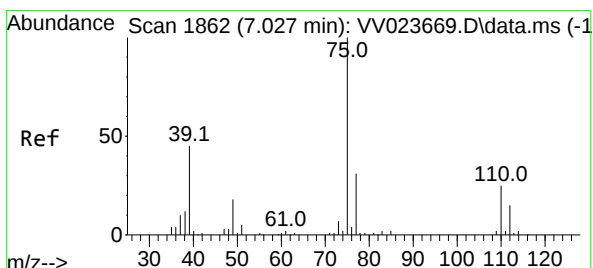
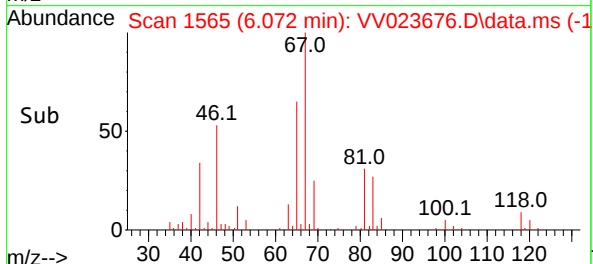
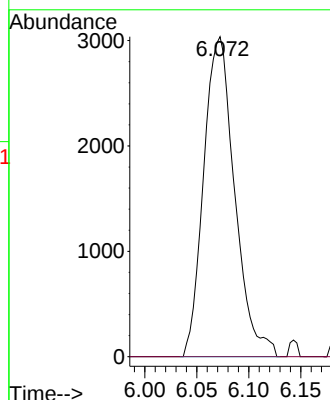
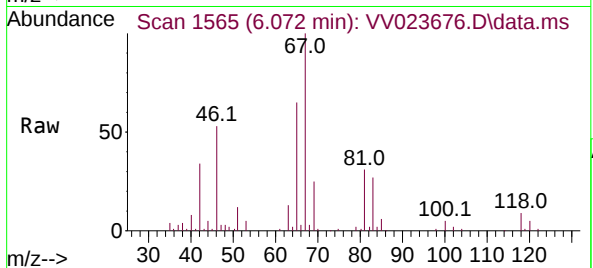
ClientSampleId :

Tgt Ion: 63 Resp: 6304

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV023676.D

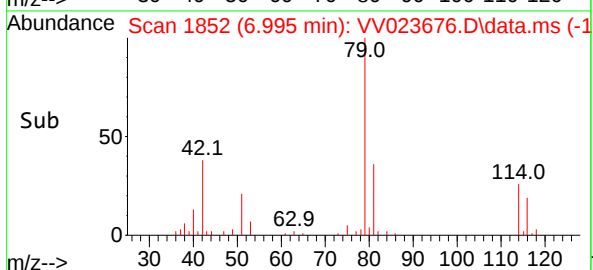
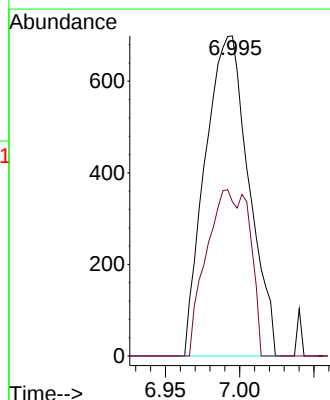
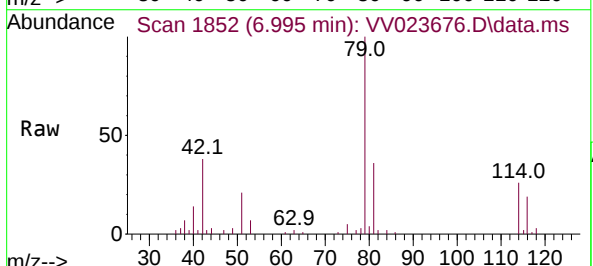
Acq: 23 Nov 2021 17:19

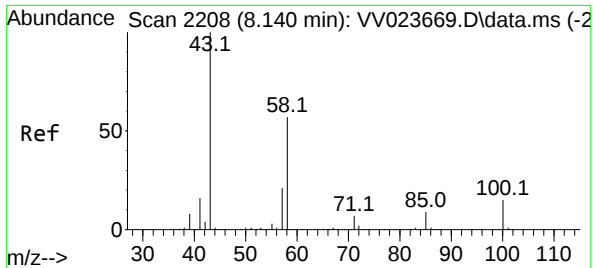
Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

75 100

77 48.2 22.0 41.0#

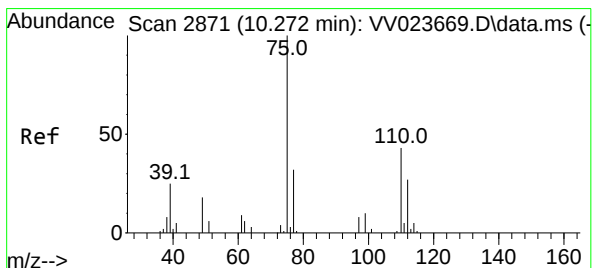
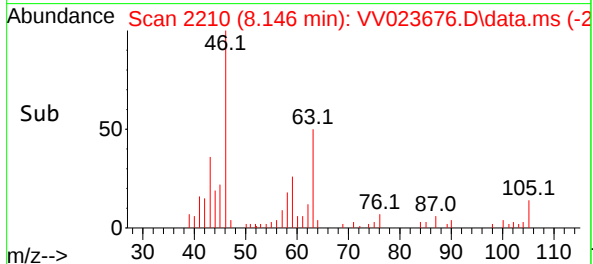
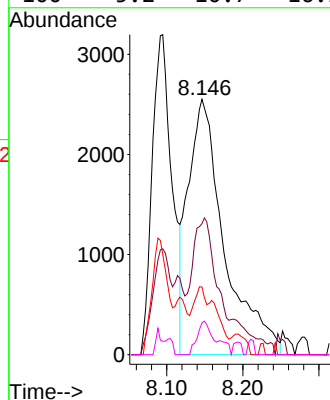
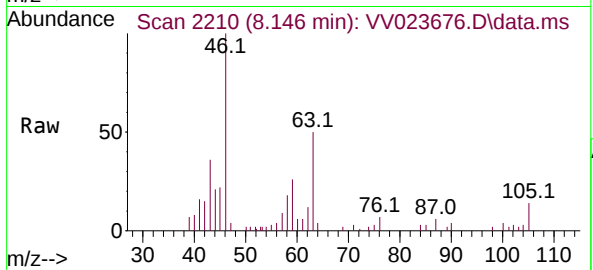




#48  
2-Hexanone  
Concen: 2.579 ug/L  
RT: 8.146 min Scan# 2110  
Delta R.T. 0.006 min  
Lab File: VV023676.D  
Acq: 23 Nov 2021 17:19

Instrument :  
MSVOA\_V  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 8475  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 45.0     | 44.5 66.7   |
| 57 3.4      | 15.1 22.7#  |
| 100 5.2     | 10.7 16.1#  |



#61  
1,2,3-Trichloropropane  
Concen: 1.494 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.981 min  
Lab File: VV023676.D  
Acq: 23 Nov 2021 17:19

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 6809  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 36.9     | 26.4 39.6   |
| 110 2.8     | 34.2 51.2#  |

