

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020924\  
 Data File : VV034098.D  
 Acq On : 09 Feb 2024 09:38  
 Operator : SY/MD  
 Sample : VV0209WBL01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 09 13:40:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Feb 09 03:48:51 2024  
 Response via : Initial Calibration

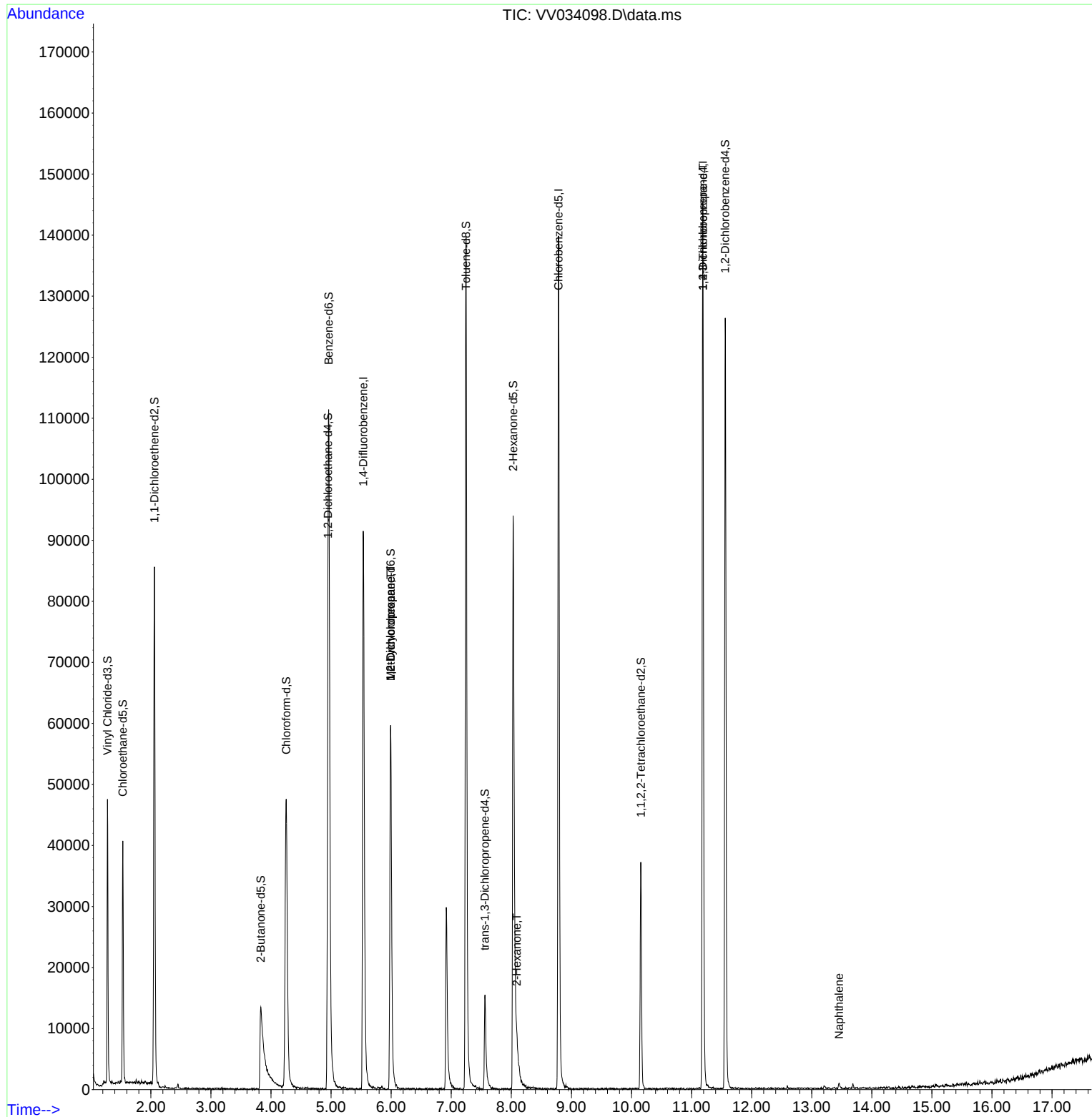
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 80249    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 73288    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 37865    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 29969    | 4.822  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 96.400%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 24662    | 4.530  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 90.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65             | 14420    | 4.811  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 96.200%  |          |
| 20) 2-Butanone-d5             | 3.831  | 46             | 28183    | 27.000 | ug/L     | 0.03     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 54.000%  |          |
| 24) Chloroform-d              | 4.252  | 84             | 52186    | 4.621  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 26583    | 5.037  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.800% |          |
| 32) Benzene-d6                | 4.960  | 84             | 99372    | 4.519  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 27747    | 4.514  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.200%  |          |
| 41) Toluene-d8                | 7.246  | 98             | 93419    | 4.623  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 10384    | 4.474  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.400%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 37448    | 45.200 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 90.400%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 17158    | 4.605  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 92.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 31994    | 4.646  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 93.000%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 35) Methylcyclohexane         | 5.992  | 83             | 6849     | 0.686  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 5.992  | 63             | 3727     | 0.700  | ug/L #   | 87       |
| 48) 2-Hexanone                | 8.091  | 43             | 4674     | 2.601  | ug/L #   | 89       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75             | 4676     | 1.796  | ug/L #   | 64       |
| 71) Naphthalene               | 13.454 | 128            | 1317     | 0.136  | ug/L #   | 72       |

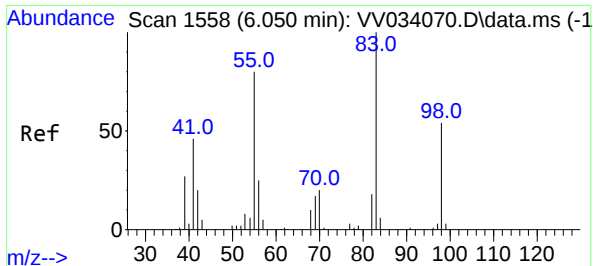
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 09 03:48:51 2024  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV034098.D

Acq: 09 Feb 2024 09:38

Instrument :

MSVOA\_V

ClientSampleId :

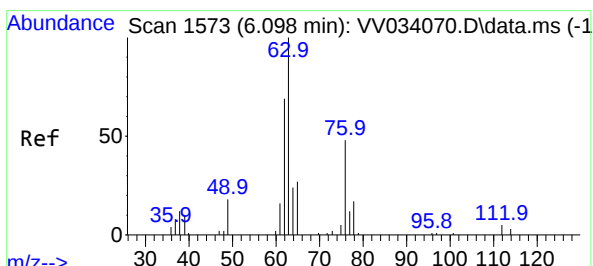
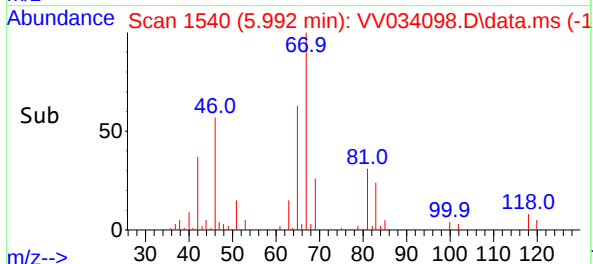
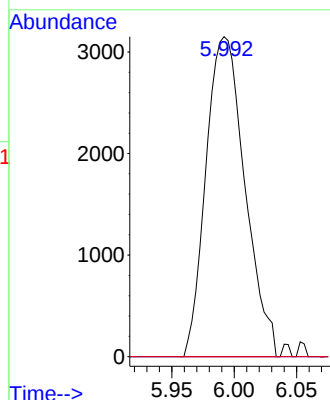
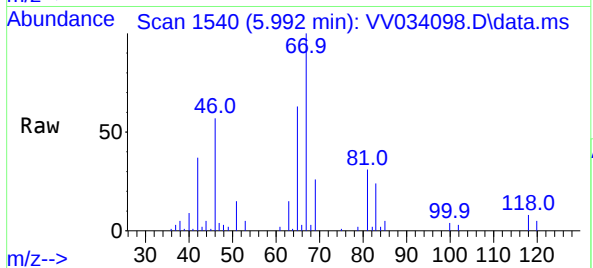
Tgt Ion: 83 Resp: 6849

Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.700 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.106 min

Lab File: VV034098.D

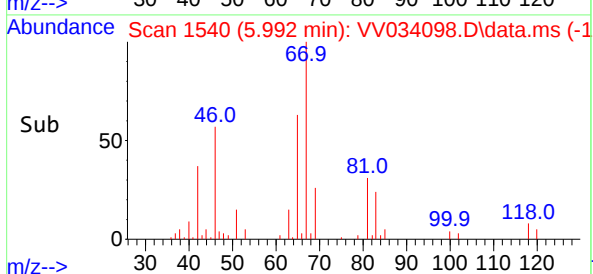
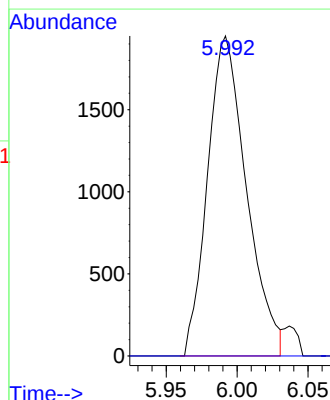
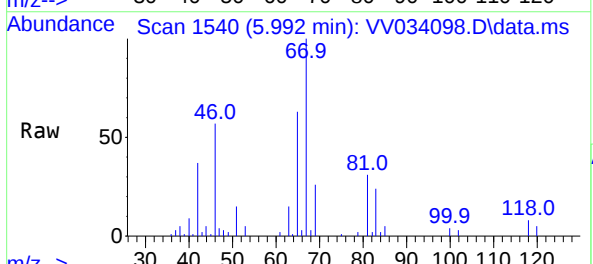
Acq: 09 Feb 2024 09:38

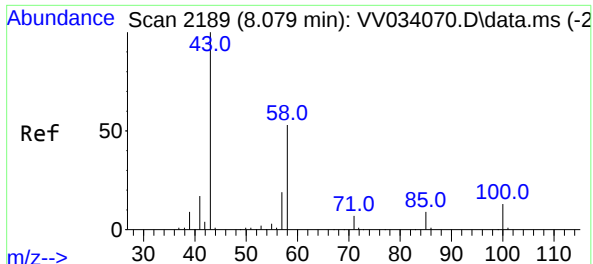
Tgt Ion: 63 Resp: 3727

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



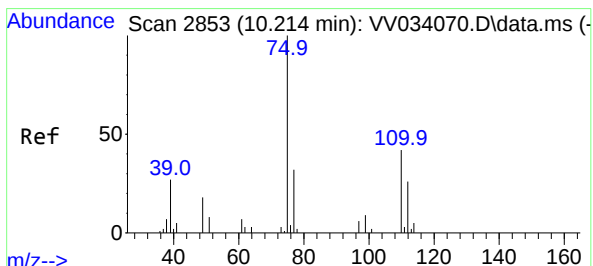
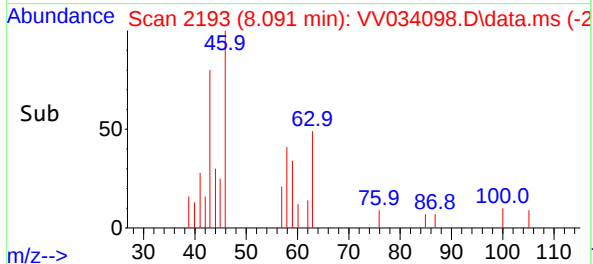
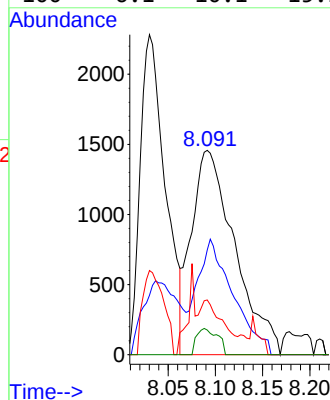
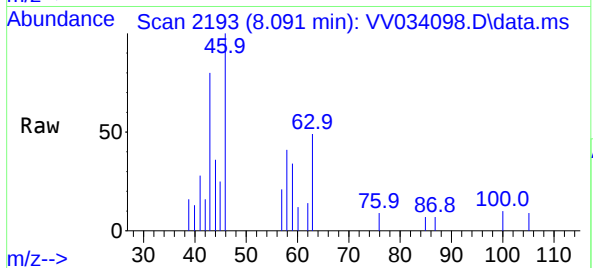


#48  
2-Hexanone  
Concen: 2.601 ug/L  
RT: 8.091 min Scan# 2189  
Delta R.T. 0.013 min  
Lab File: VV034098.D  
Acq: 09 Feb 2024 09:38

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 4674

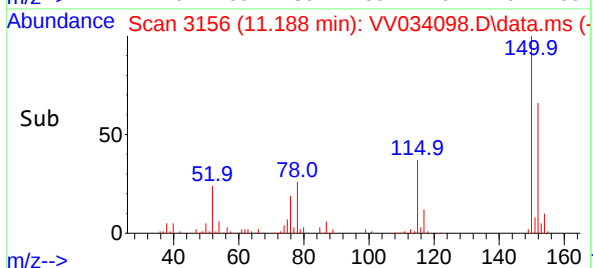
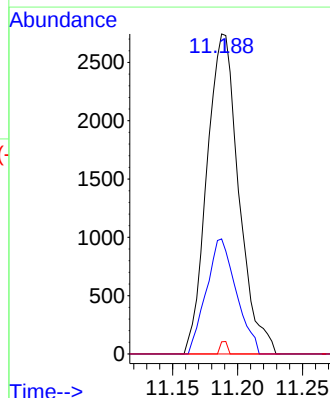
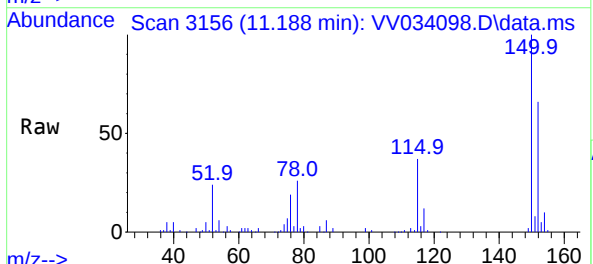
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 46.9  | 42.6  | 64.0  |
| 57  | 13.8  | 15.5  | 23.3# |
| 100 | 6.1   | 10.1  | 15.1# |

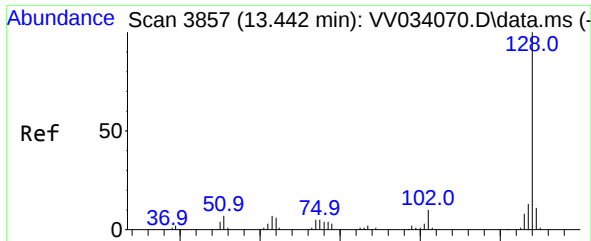


#61  
1,2,3-Trichloropropane  
Concen: 1.796 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.974 min  
Lab File: VV034098.D  
Acq: 09 Feb 2024 09:38

Tgt Ion: 75 Resp: 4676

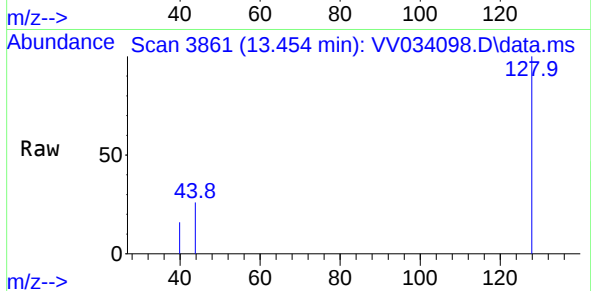
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 33.9  | 26.9  | 40.3  |
| 110 | 0.9   | 33.3  | 49.9# |





#71  
Naphthalene  
Concen: 0.136 ug/L  
RT: 13.454 min Scan# 3861  
Delta R.T. 0.013 min  
Lab File: VV034098.D  
Acq: 09 Feb 2024 09:38

Instrument :  
MSVOA\_V  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1317  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 0.0   | 8.5   | 12.7# |
| 127      | 1.6   | 10.4  | 15.6# |

