

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102723\  
 Data File : VW032740.D  
 Acq On : 28 Oct 2023 14:28  
 Operator : SY/MD  
 Sample : 05019-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4919

Quant Time: Oct 30 01:53:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 30 01:47:59 2023  
 Response via : Initial Calibration

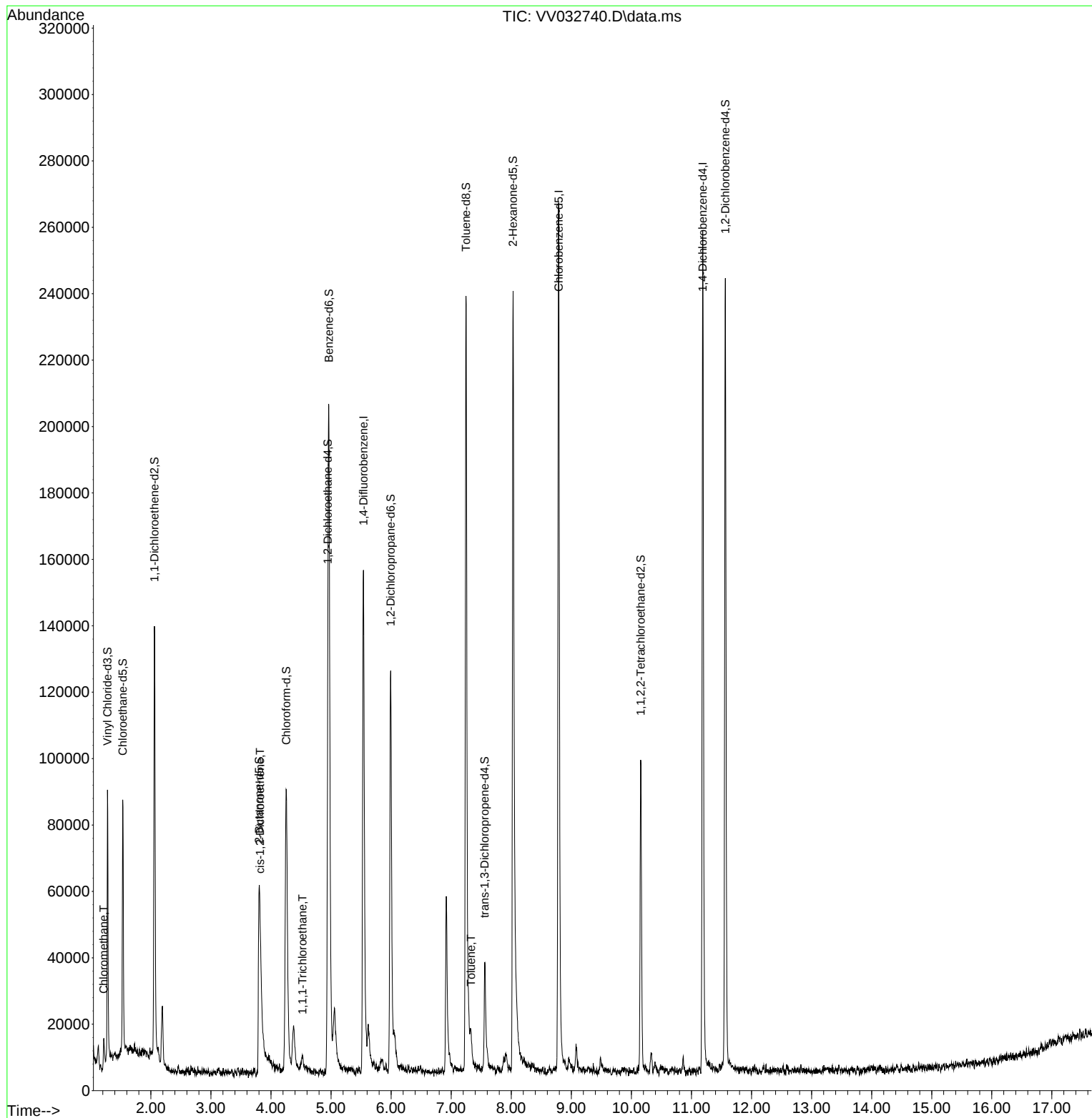
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 131777   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 153273   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 65714    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 50598    | 4.675    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.600%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 49228    | 5.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 107.000% |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 22142    | 4.558    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 91.200%  |
| 20) 2-Butanone-d5             | 3.802  | 46    | 101558   | 43.455   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.900%  |
| 24) Chloroform-d              | 4.252  | 84    | 92847    | 5.167    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.400% |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 47845    | 5.393    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.800% |
| 32) Benzene-d6                | 4.963  | 84    | 183178   | 5.019    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.400% |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 55649    | 5.266    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.400% |
| 41) Toluene-d8                | 7.246  | 98    | 168858   | 4.565    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.200%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 21786    | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.400%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 84162    | 45.544   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 45034    | 4.792    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 61598    | 5.740    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 114.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.217  | 50    | 5460     | 0.342    | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96    | 3567     | 0.302    | ug/L   | 83       |
| 29) 1,1,1-Trichloroethane     | 4.526  | 97    | 2779     | 0.141    | ug/L # | 70       |
| 42) Toluene                   | 7.329  | 91    | 6825     | 0.122    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

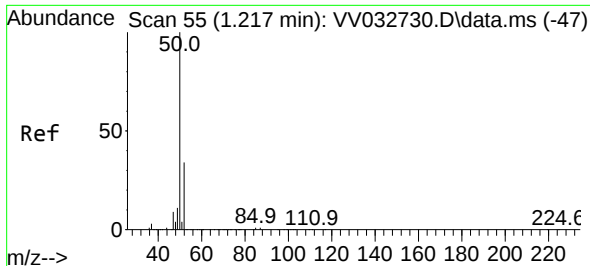
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 30 01:47:59 2023  
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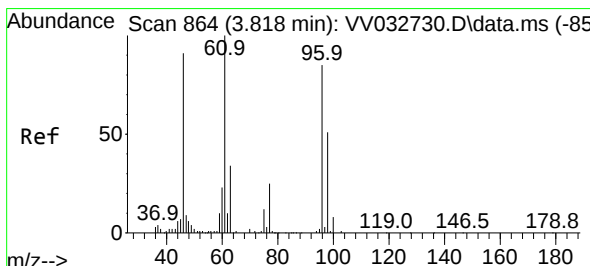
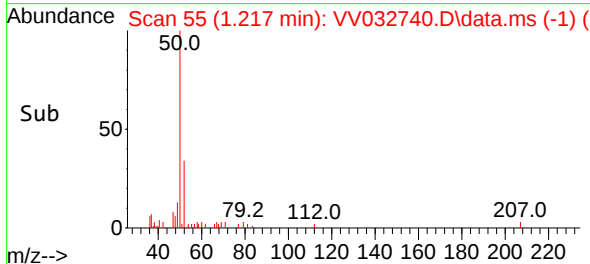
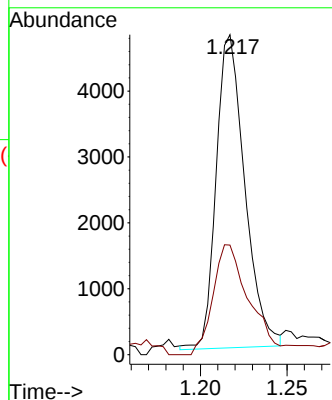
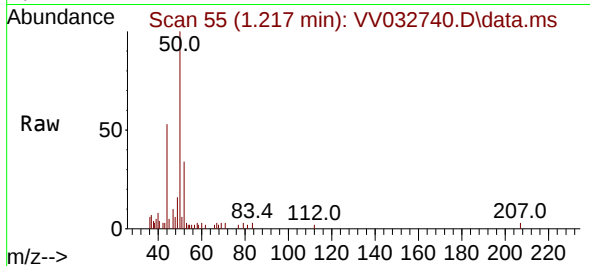




#3  
Chloromethane  
Concen: 0.342 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV032740.D  
Acq: 28 Oct 2023 14:28

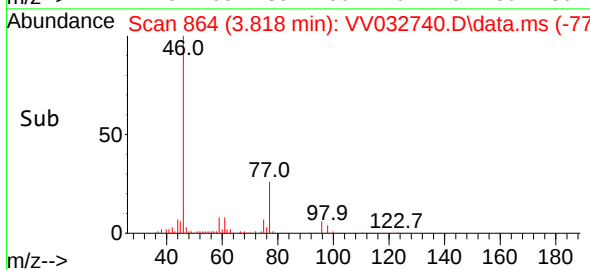
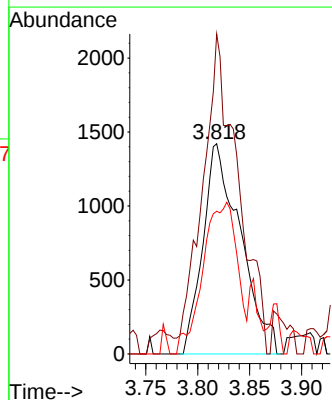
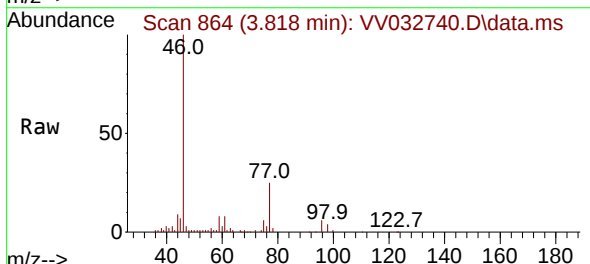
Instrument :  
MSVOA\_V  
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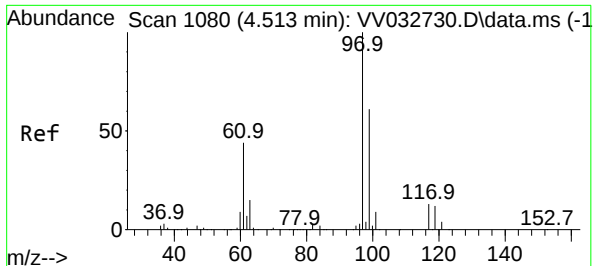
Tgt Ion: 50 Resp: 5460  
Ion Ratio Lower Upper  
50 100  
52 34.2 22.3 41.5



#22  
cis-1,2-Dichloroethene  
Concen: 0.302 ug/L  
RT: 3.818 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VV032740.D  
Acq: 28 Oct 2023 14:28

Tgt Ion: 96 Resp: 3567  
Ion Ratio Lower Upper  
96 100  
61 152.2 87.7 162.9  
98 67.9 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 0.141 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.013 min

Lab File: VV032740.D

Acq: 28 Oct 2023 14:28

Instrument :

MSVOA\_V

ClientSampleId :

A4919

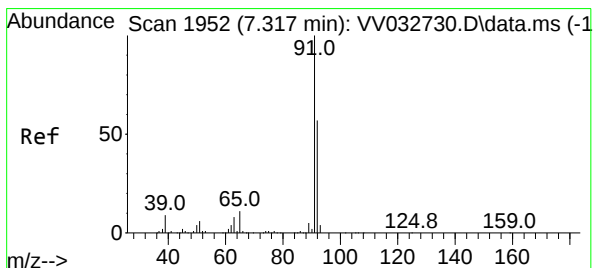
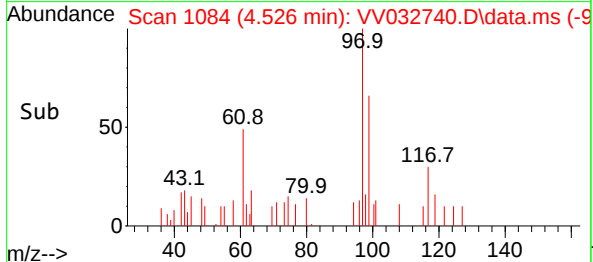
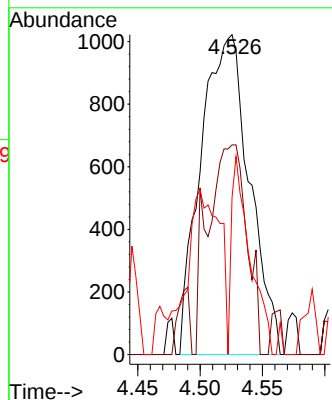
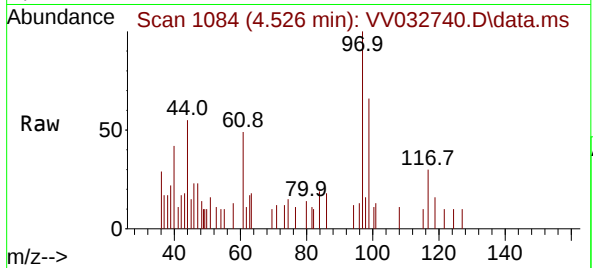
Tgt Ion: 97 Resp: 2779

Ion Ratio Lower Upper

97 100

99 42.8 51.4 77.0#

61 23.5 36.1 54.1#



#42

Toluene

Concen: 0.122 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.013 min

Lab File: VV032740.D

Acq: 28 Oct 2023 14:28

Tgt Ion: 91 Resp: 6825

Ion Ratio Lower Upper

91 100

92 61.1 39.9 74.1

