

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV102723\  
 Data File : VV032733.D  
 Acq On : 28 Oct 2023 11:41  
 Operator : SY/MD  
 Sample : 04993-10 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 30 01:51:51 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

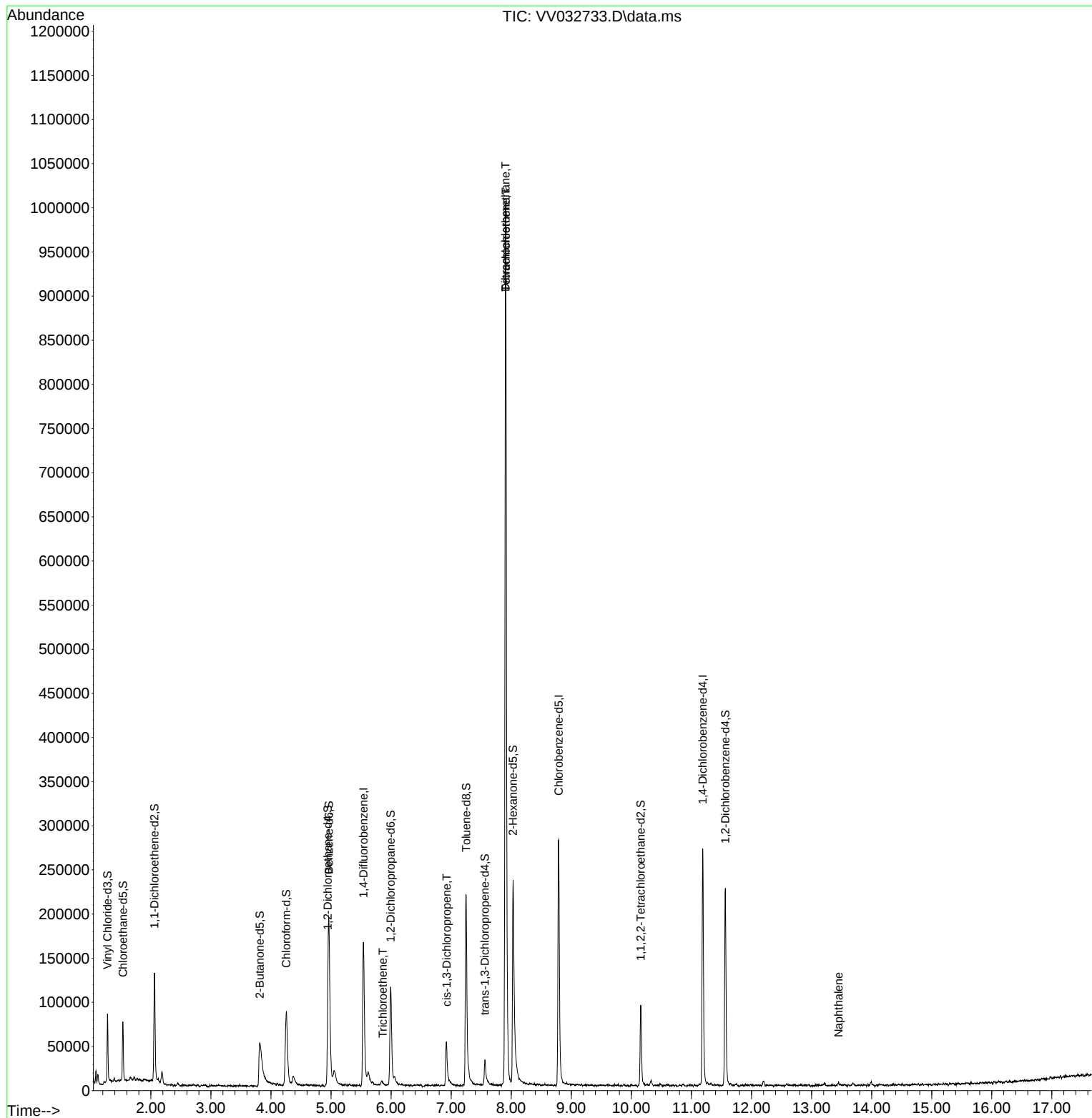
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114            | 140758   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 162149   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 69454    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 47184    | 4.082  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.600%  |          |
| 7) Chloroethane-d5            | 1.536  | 69             | 43901    | 4.469  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 20576    | 3.965  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 79.400%  |          |
| 20) 2-Butanone-d5             | 3.812  | 46             | 97718    | 39.144 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 78.280%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 88261    | 4.598  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 44416    | 4.687  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.800%  |          |
| 32) Benzene-d6                | 4.963  | 84             | 171906   | 4.453  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67             | 52664    | 4.711  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 159136   | 4.066  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 81.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 19941    | 4.042  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.800%  |          |
| 46) 2-Hexanone-d5             | 8.031  | 63             | 82605    | 42.254 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 84.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 43689    | 4.395  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 57164    | 5.040  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 34) Trichloroethene           | 5.860  | 95             | 1119     | 0.082  | ug/L     | 83       |
| 39) cis-1,3-Dichloropropene   | 6.928  | 75             | 1721     | 0.092  | ug/L     | 88       |
| 47) Tetrachloroethene         | 7.908  | 164            | 231540   | 19.188 | ug/L     | 98       |
| 49) Dibromochloromethane      | 7.905  | 129            | 209527   | 16.958 | ug/L #   | 11       |
| 71) Naphthalene               | 13.452 | 128            | 2271     | 0.094  | ug/L #   | 82       |

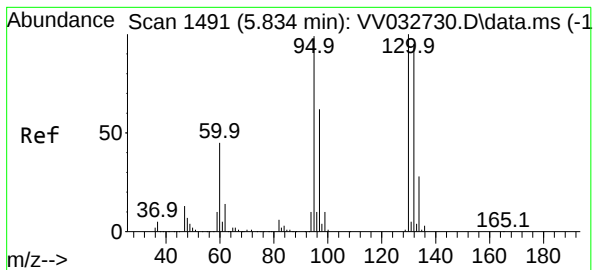
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 30 01:47:59 2023  
Response via : Initial Calibration





#34

Trichloroethene

Concen: 0.082 ug/L

RT: 5.860 min Scan# 1491

Delta R.T. 0.026 min

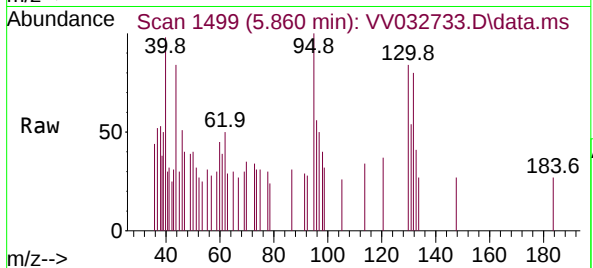
Lab File: VV032733.D

Acq: 28 Oct 2023 11:41

Instrument :

MSVOA\_V

ClientSampleId :



Tgt Ion: 95 Resp: 1119

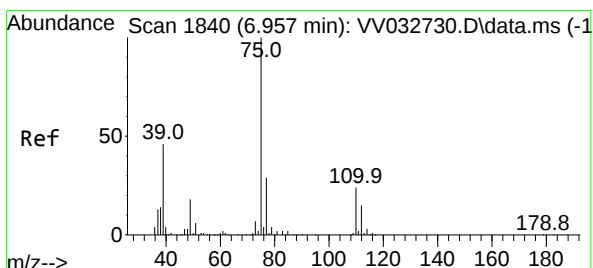
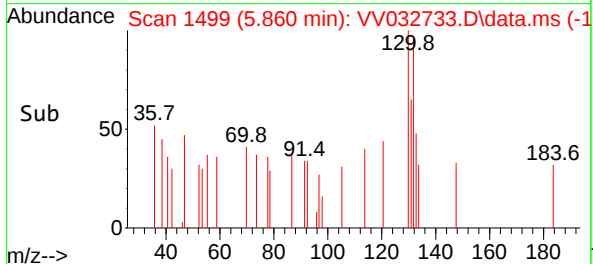
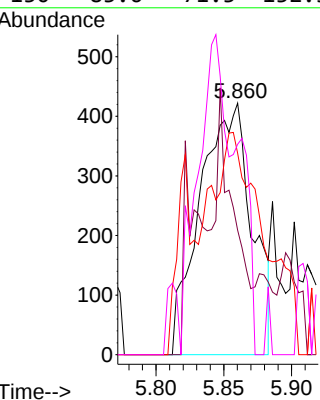
Ion Ratio Lower Upper

95 100

97 49.5 44.0 81.8

132 80.1 66.9 124.3

130 83.6 71.3 132.3



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.928 min Scan# 1831

Delta R.T. -0.029 min

Lab File: VV032733.D

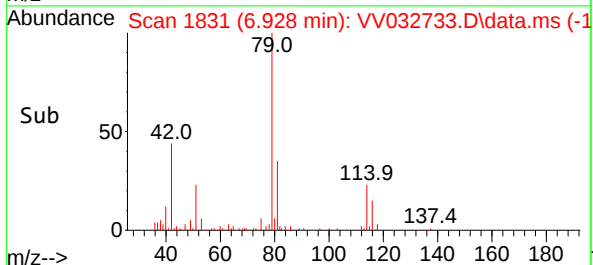
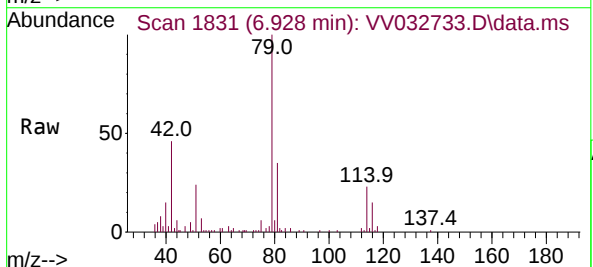
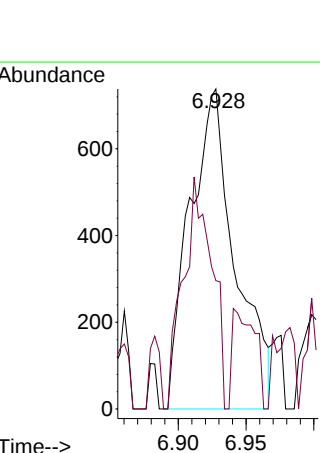
Acq: 28 Oct 2023 11:41

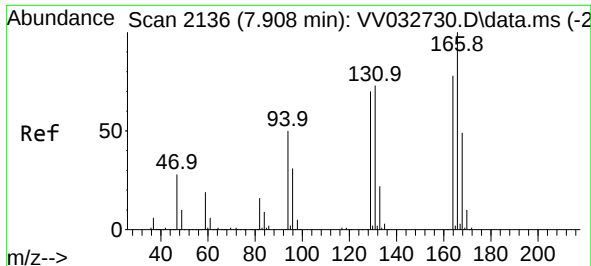
Tgt Ion: 75 Resp: 1721

Ion Ratio Lower Upper

75 100

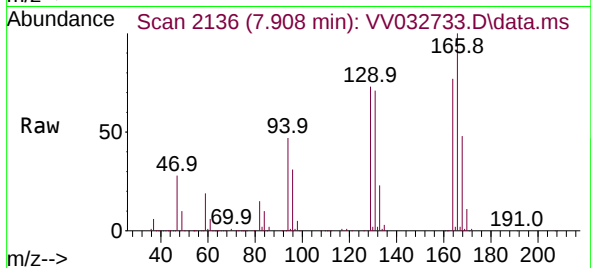
77 40.1 23.2 43.2



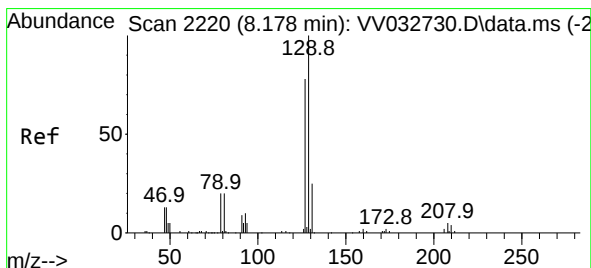
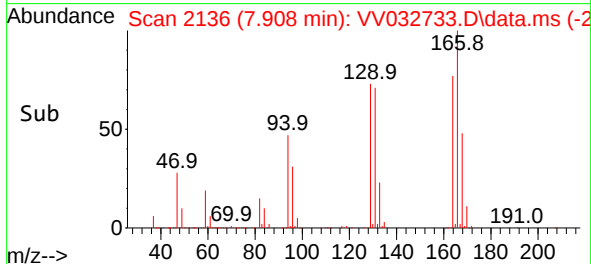
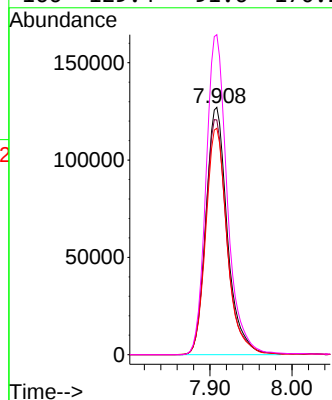


#47  
Tetrachloroethene  
Concen: 19.188 ug/L  
RT: 7.908 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: VV032733.D  
Acq: 28 Oct 2023 11:41

Instrument :  
MSVOA\_V  
ClientSampleId :

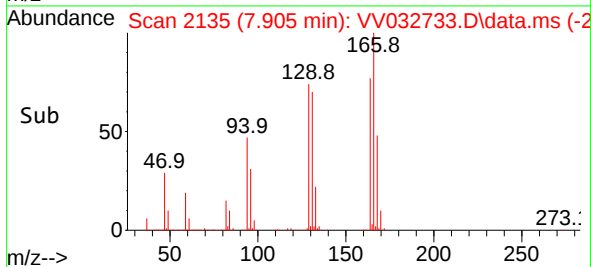
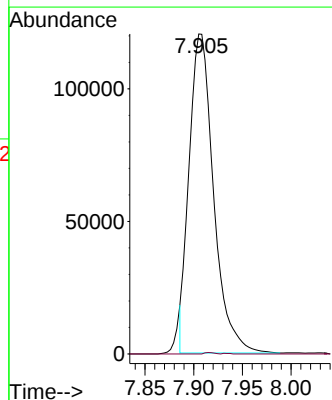
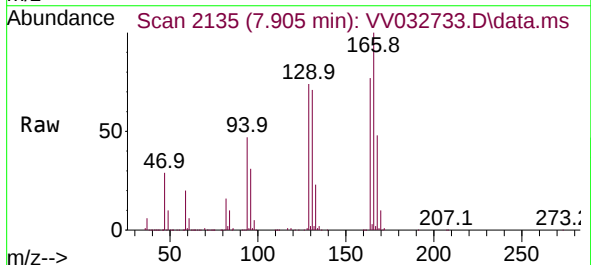


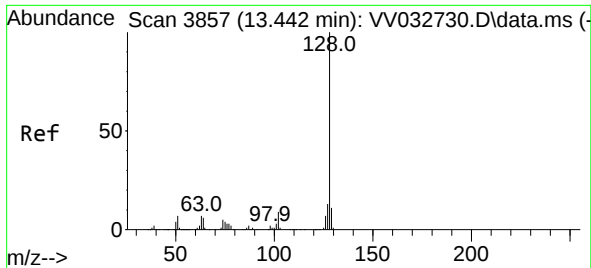
Tgt Ion:164 Resp: 231540  
Ion Ratio Lower Upper  
164 100  
129 94.9 65.3 121.3  
131 91.6 66.6 123.8  
166 129.4 91.6 170.2



#49  
Dibromochloromethane  
Concen: 16.958 ug/L  
RT: 7.905 min Scan# 2135  
Delta R.T. -0.273 min  
Lab File: VV032733.D  
Acq: 28 Oct 2023 11:41

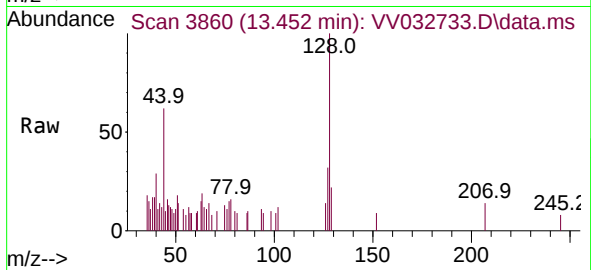
Tgt Ion:129 Resp: 209527  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.0 100.4#





#71  
Naphthalene  
Concen: 0.094 ug/L  
RT: 13.452 min Scan# 3860  
Delta R.T. 0.010 min  
Lab File: VV032733.D  
Acq: 28 Oct 2023 11:41

Instrument :  
MSVOA\_V  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2271  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 16.4  | 8.6   | 12.8# |
| 127      | 20.8  | 10.4  | 15.6# |

