

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102023\  
 Data File : VW032533.D  
 Acq On : 20 Oct 2023 19:05  
 Operator : SY/MD  
 Sample : 05043-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B32

Quant Time: Oct 20 23:09:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 20 23:03:10 2023  
 Response via : Initial Calibration

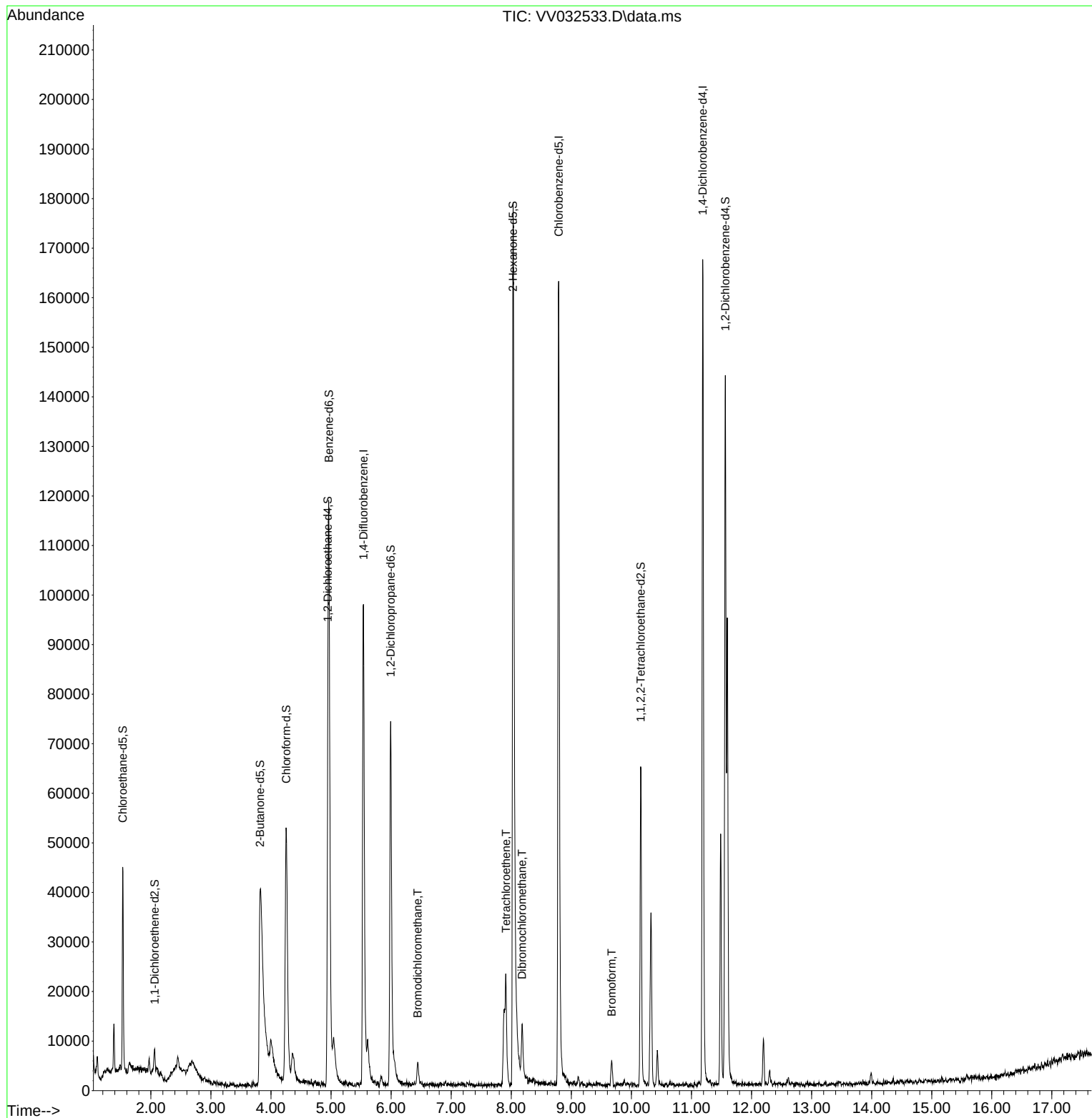
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 82161    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 92207    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 42194    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 0.000  | 65    | 0d       | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 0.000%#  |
| 7) Chloroethane-d5            | 1.532  | 69    | 26259    | 4.841    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65    | 844      | 0.299    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 6.000%#  |
| 20) 2-Butanone-d5             | 3.818  | 46    | 94988    | 56.195   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 112.380% |
| 24) Chloroform-d              | 4.252  | 84    | 53924    | 4.575    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 29905    | 5.356    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.200% |
| 32) Benzene-d6                | 4.963  | 84    | 101541   | 3.743    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 74.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 37946    | 4.221    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 84.400%  |
| 41) Toluene-d8                | 0.000  | 98    | 0d       | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 0.000%#  |
| 43) trans-1,3-Dichloroprop... | 0.000  | 79    | 0d       | 0.000    | ug/L   |          |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 0.000%#  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 67053    | 44.739   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 30757    | 4.892    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 97.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 34507    | 4.407    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 38) Bromodichloromethane      | 6.442  | 83    | 3445     | 0.334    | ug/L   | 96       |
| 47) Tetrachloroethene         | 7.911  | 164   | 5042     | 0.750    | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.181  | 129   | 5342     | 0.838    | ug/L   | 96       |
| 59) Bromoform                 | 9.670  | 173   | 2120     | 0.691    | ug/L # | 96       |
| -----                         |        |       |          |          |        |          |

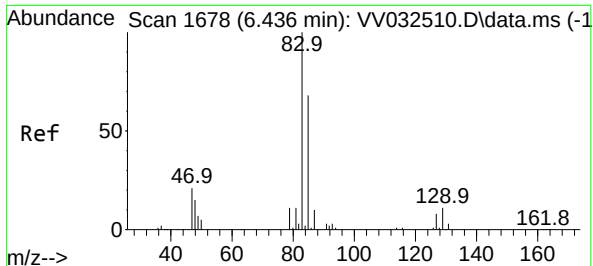
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#38

Bromodichloromethane

Concen: 0.334 ug/L

RT: 6.442 min Scan# 1

Delta R.T. 0.007 min

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C0B32

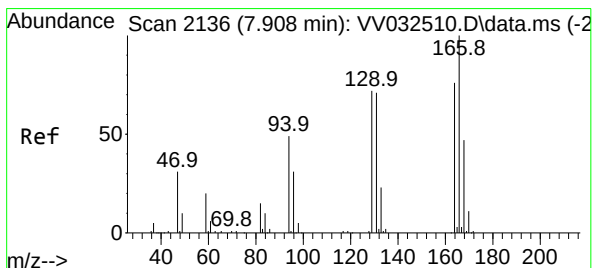
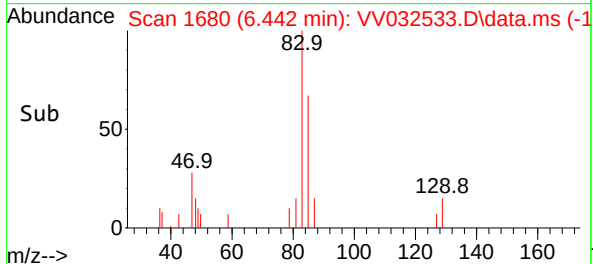
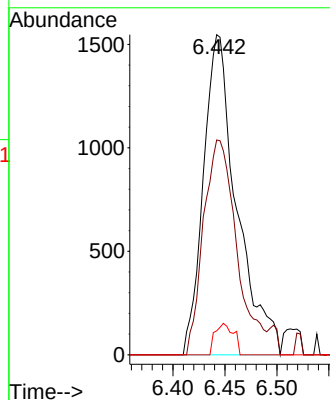
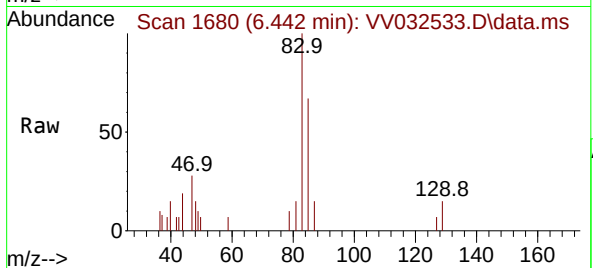
Tgt Ion: 83 Resp: 3445

Ion Ratio Lower Upper

83 100

85 67.1 44.9 83.3

127 7.5 6.9 10.3



#47

Tetrachloroethene

Concen: 0.750 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

Tgt Ion: 164 Resp: 5042

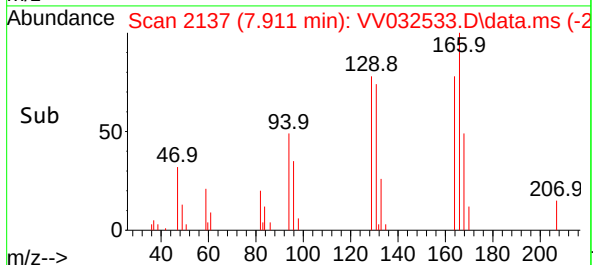
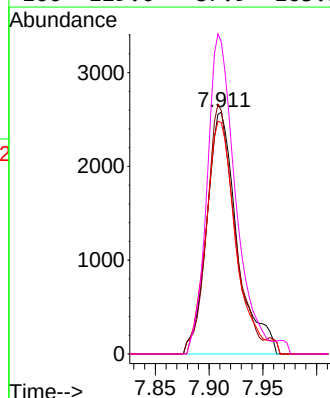
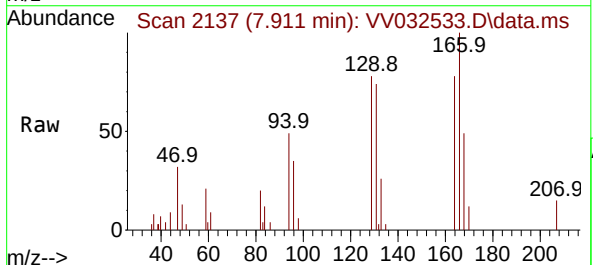
Ion Ratio Lower Upper

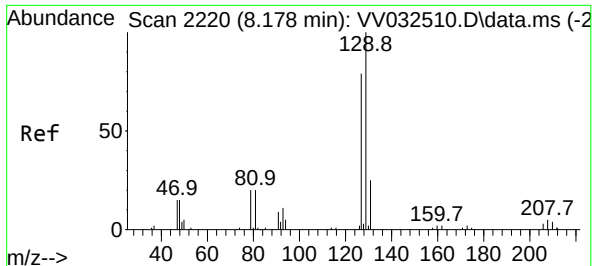
164 100

129 100.6 66.4 123.4

131 95.7 63.7 118.3

166 129.0 87.9 163.3





#49

Dibromochloromethane

Concen: 0.838 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

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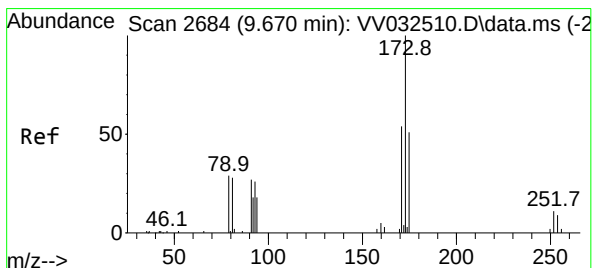
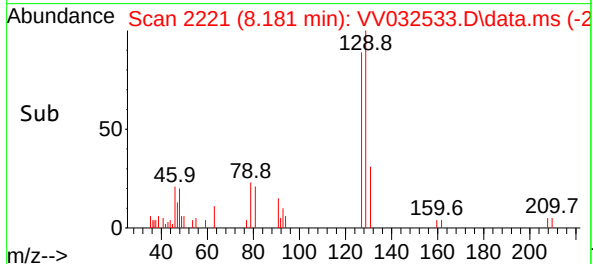
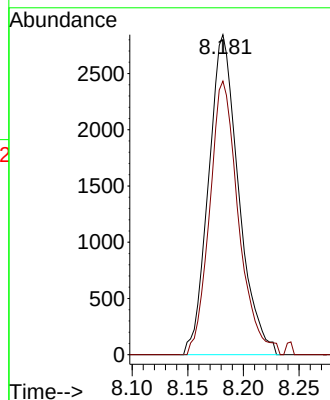
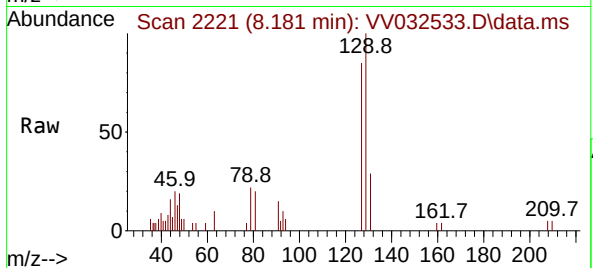
C0B32

Tgt Ion:129 Resp: 5342

Ion Ratio Lower Upper

129 100

127 85.5 57.2 106.2



#59

Bromoform

Concen: 0.691 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032533.D

Acq: 20 Oct 2023 19:05

Tgt Ion:173 Resp: 2120

Ion Ratio Lower Upper

173 100

175 48.0 38.2 57.2

254 0.9 7.0 10.4#

