

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102723\  
 Data File : VW032690.D  
 Acq On : 27 Oct 2023 17:43  
 Operator : SY/MD  
 Sample : 04993-09 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 28 00:26:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 28 00:17:24 2023  
 Response via : Initial Calibration

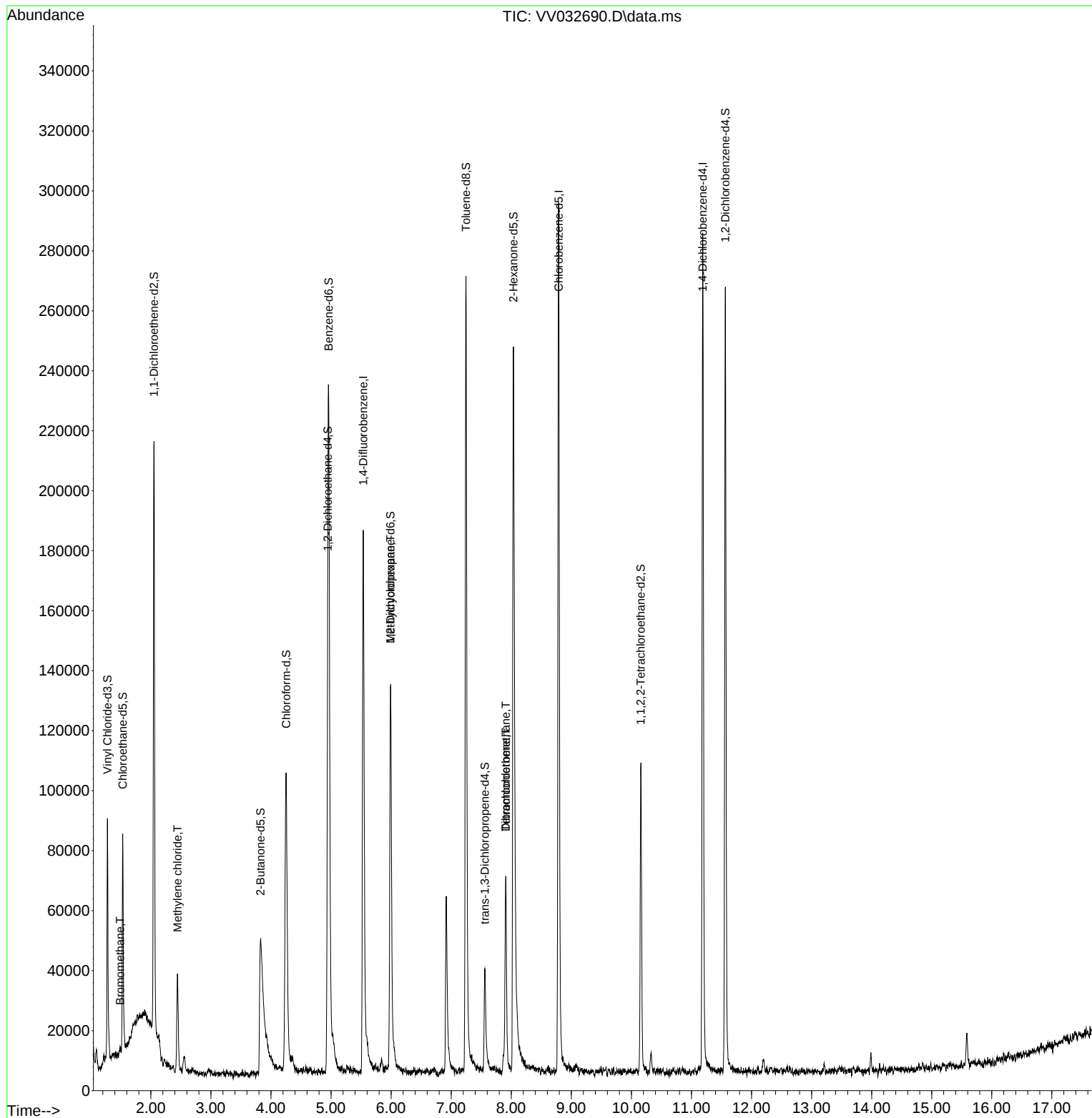
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 163148   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 163433   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 73749    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 57525    | 4.293  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.800%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 49365    | 4.335  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65             | 33275    | 5.533  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 110.600% |          |
| 20) 2-Butanone-d5             | 3.825  | 46             | 128373   | 44.367 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 88.740%  |          |
| 24) Chloroform-d              | 4.253  | 84             | 108039   | 4.856  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 97.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65             | 53484    | 4.869  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.400%  |          |
| 32) Benzene-d6                | 4.960  | 84             | 208814   | 5.366  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 107.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 66623    | 5.913  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 118.200% |          |
| 41) Toluene-d8                | 7.246  | 98             | 184639   | 4.681  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 22607    | 4.547  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 91.000%  |          |
| 46) 2-Hexanone-d5             | 8.037  | 63             | 96563    | 49.006 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 98.020%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84             | 49135    | 4.904  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 66287    | 5.504  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 110.000% |          |
| Target Compounds              |        |                |          |        |          |          |
| 6) Bromomethane               | 1.487  | 94             | 1077     | 0.094  | ug/L     | 74       |
| 16) Methylene chloride        | 2.446  | 84             | 13904    | 0.775  | ug/L     | 99       |
| 35) Methylcyclohexane         | 5.989  | 83             | 16365    | 0.796  | ug/L #   | 20       |
| 47) Tetrachloroethene         | 7.908  | 164            | 15379    | 1.264  | ug/L     | 94       |
| 49) Dibromochloromethane      | 7.908  | 129            | 13588    | 1.091  | ug/L #   | 11       |

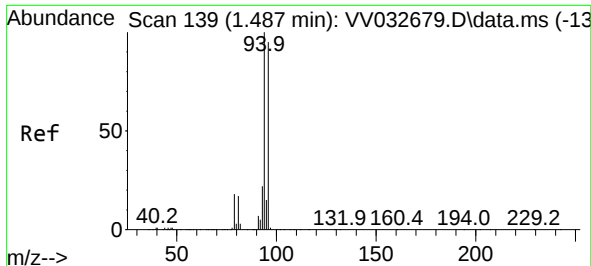
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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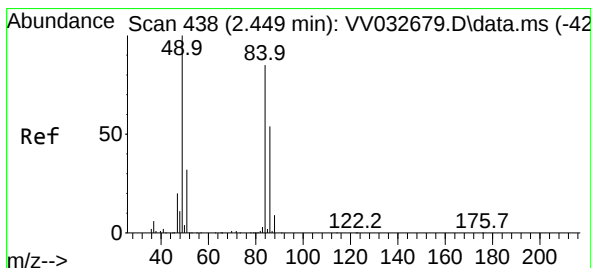
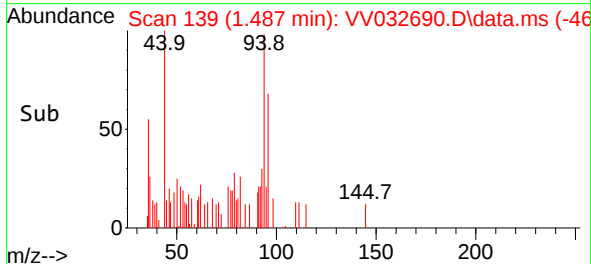
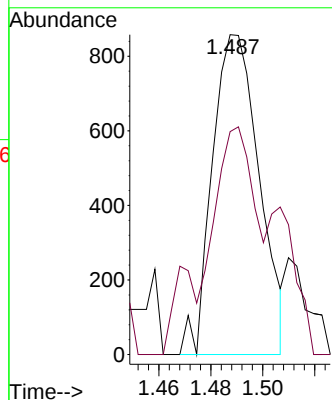
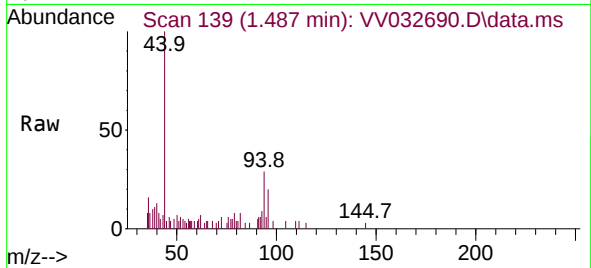




#6  
Bromomethane  
Concen: 0.094 ug/L  
RT: 1.487 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VV032690.D  
Acq: 27 Oct 2023 17:43

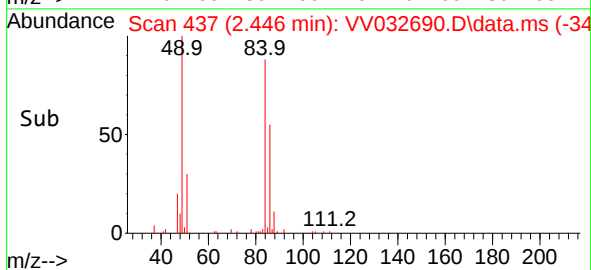
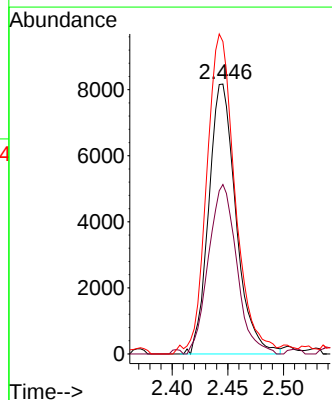
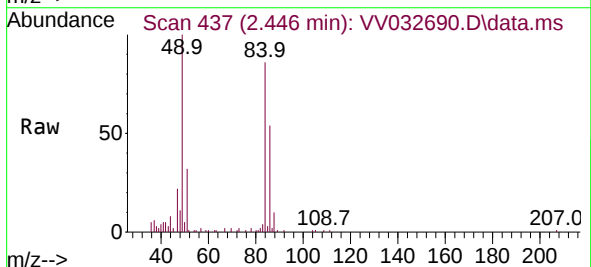
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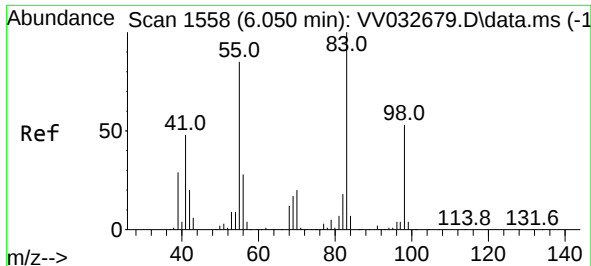
Tgt Ion: 94 Resp: 1077  
Ion Ratio Lower Upper  
94 100  
96 69.7 66.4 123.2



#16  
Methylene chloride  
Concen: 0.775 ug/L  
RT: 2.446 min Scan# 437  
Delta R.T. -0.003 min  
Lab File: VV032690.D  
Acq: 27 Oct 2023 17:43

Tgt Ion: 84 Resp: 13904  
Ion Ratio Lower Upper  
84 100  
86 62.8 44.8 83.2  
49 115.7 81.1 150.5

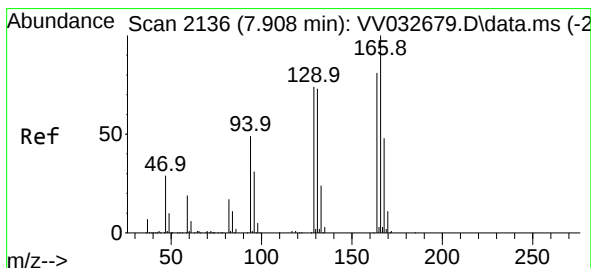
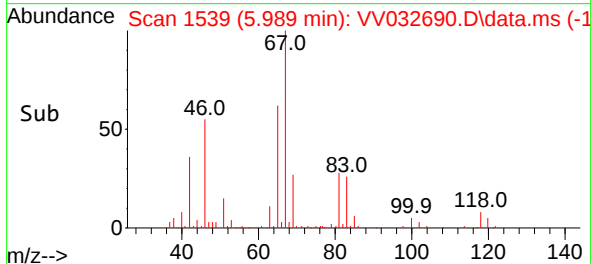
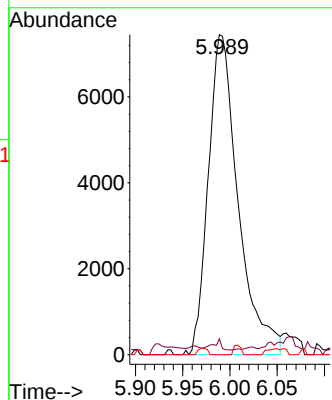
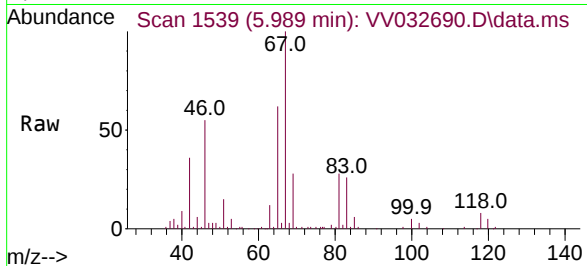




#35  
Methylcyclohexane  
Concen: 0.796 ug/L  
RT: 5.989 min Scan# 1539  
Delta R.T. -0.061 min  
Lab File: VV032690.D  
Acq: 27 Oct 2023 17:43

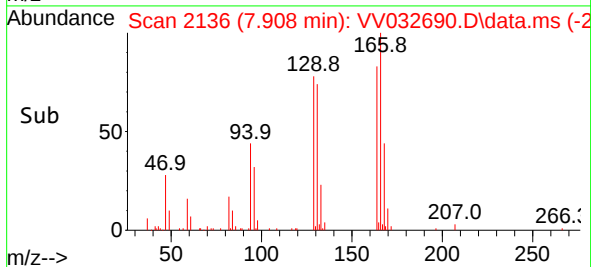
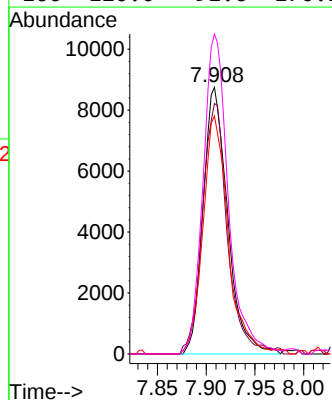
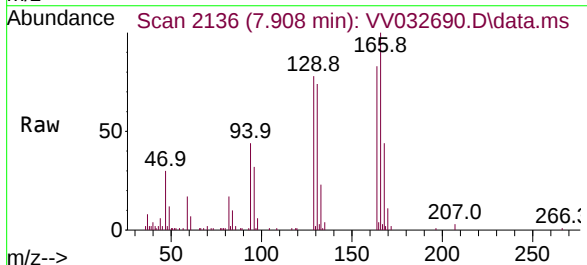
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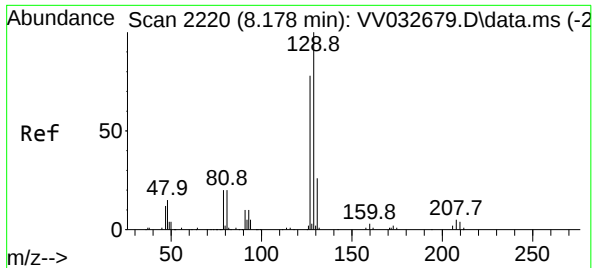
Tgt Ion: 83 Resp: 16365  
Ion Ratio Lower Upper  
83 100  
55 1.6 59.6 89.4#  
98 0.0 39.1 58.7#



#47  
Tetrachloroethene  
Concen: 1.264 ug/L  
RT: 7.908 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: VV032690.D  
Acq: 27 Oct 2023 17:43

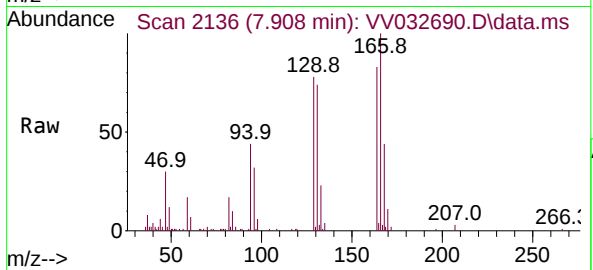
Tgt Ion:164 Resp: 15379  
Ion Ratio Lower Upper  
164 100  
129 93.9 65.3 121.3  
131 89.2 66.6 123.8  
166 120.0 91.6 170.2





#49  
 Dibromochloromethane  
 Concen: 1.091 ug/L  
 RT: 7.908 min Scan# 21  
 Delta R.T. -0.270 min  
 Lab File: VV032690.D  
 Acq: 27 Oct 2023 17:43

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion:129 Resp: 13588  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 54.0 100.4#

