

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW100523\  
 Data File : VW032274.D  
 Acq On : 05 Oct 2023 23:01  
 Operator : SY/MD  
 Sample : 04741-07  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AZ7

Quant Time: Oct 06 05:27:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 06 05:25:10 2023  
 Response via : Initial Calibration

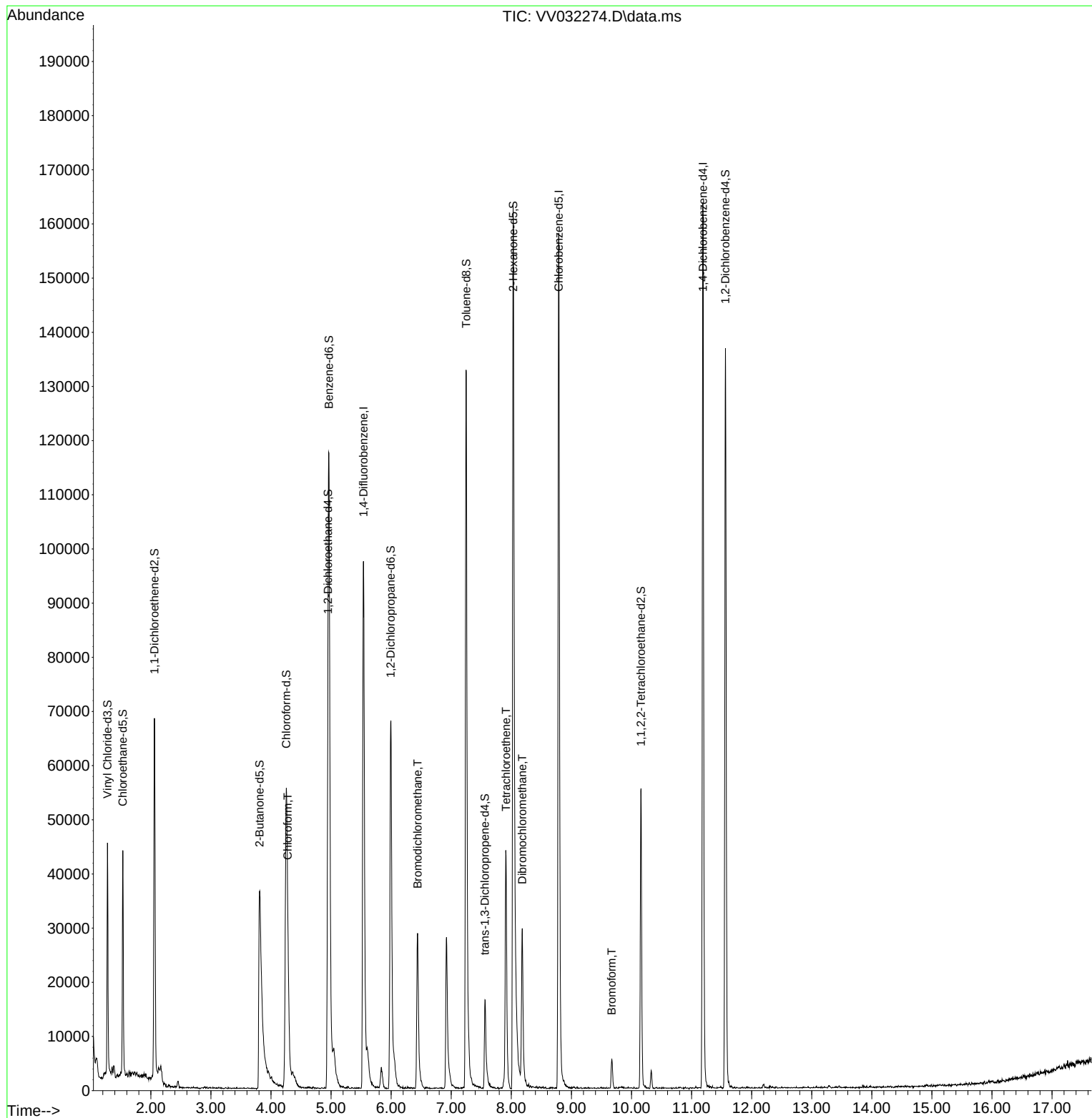
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.539  | 114   | 86034    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 92916    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 42748    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 27542    | 3.936    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 78.800%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 26224    | 4.617    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65    | 11281    | 3.823    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 76.400%  |
| 20) 2-Butanone-d5             | 3.809  | 46    | 83097    | 46.947   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 93.900%  |
| 24) Chloroform-d              | 4.253  | 84    | 56084    | 4.544    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 27737    | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 4.963  | 84    | 107633   | 3.937    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 39249    | 4.333    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.600%  |
| 41) Toluene-d8                | 7.249  | 98    | 94719    | 3.789    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.800%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 12102    | 3.770    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 75.400%  |
| 46) 2-Hexanone-d5             | 8.031  | 63    | 60421    | 40.006   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 27900    | 4.403    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 36092    | 4.550    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 4.278  | 83    | 16681    | 1.250    | ug/L   | 97       |
| 38) Bromodichloromethane      | 6.439  | 83    | 22231    | 2.139    | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.912  | 164   | 10508    | 1.552    | ug/L   | 99       |
| 49) Dibromochloromethane      | 8.182  | 129   | 15374    | 2.393    | ug/L   | 96       |
| 59) Bromoform                 | 9.670  | 173   | 2794     | 0.899    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

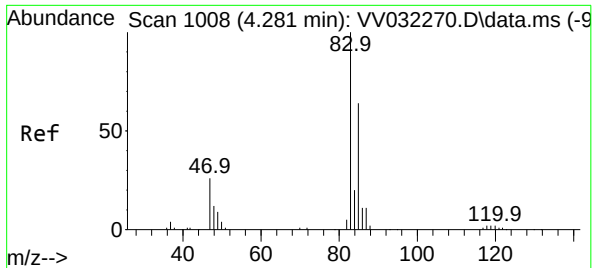
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.250 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032274.D

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MSVOA\_V

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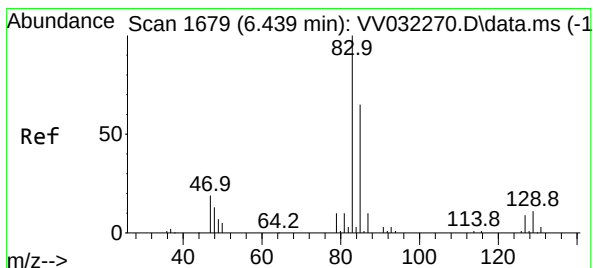
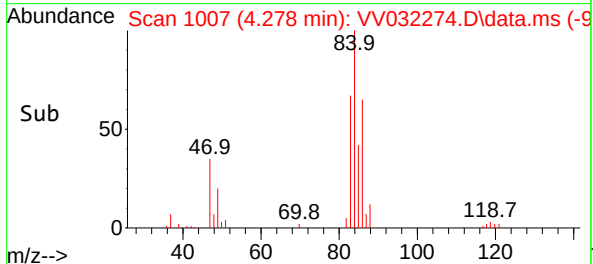
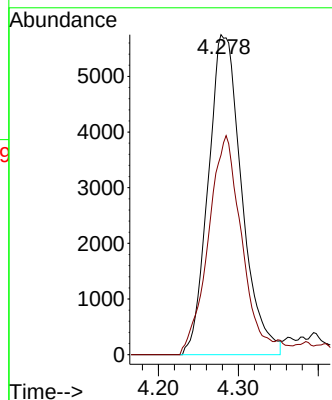
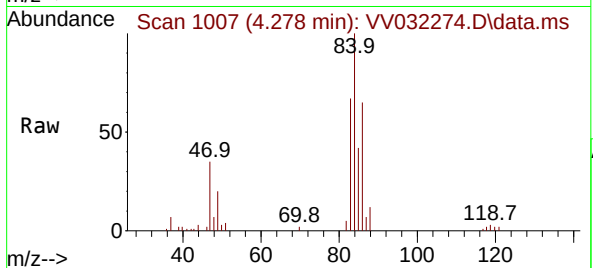
C0AZ7

Tgt Ion: 83 Resp: 16681

Ion Ratio Lower Upper

83 100

85 62.4 45.4 84.4



#38

Bromodichloromethane

Concen: 2.139 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV032274.D

Acq: 05 Oct 2023 23:01

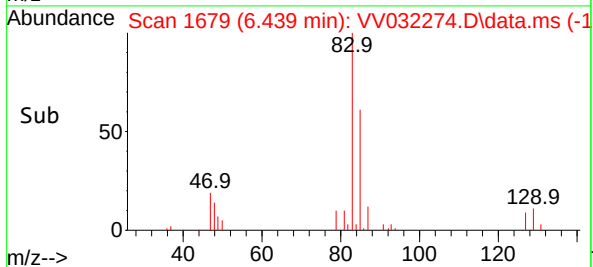
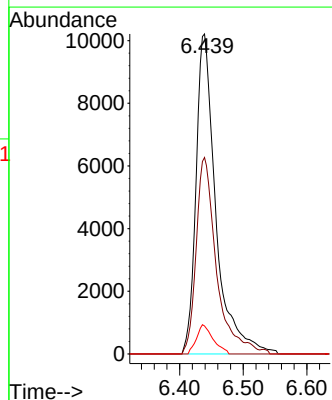
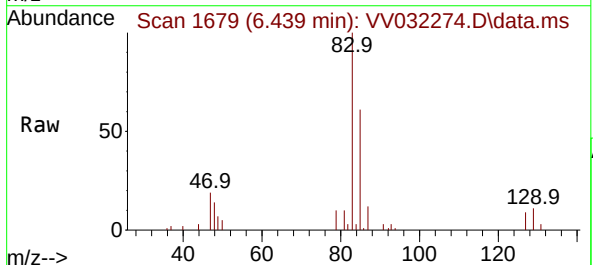
Tgt Ion: 83 Resp: 22231

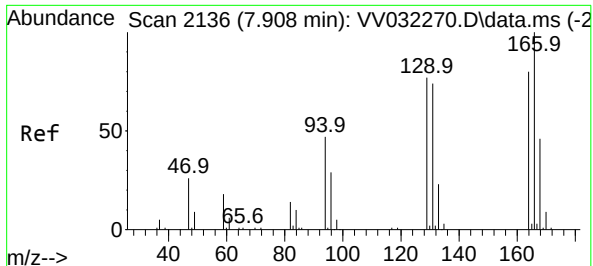
Ion Ratio Lower Upper

83 100

85 61.4 44.9 83.3

127 8.8 6.9 10.3





#47

Tetrachloroethene

Concen: 1.552 ug/L

RT: 7.912 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032274.D

Acq: 05 Oct 2023 23:01

Instrument :

MSVOA\_V

ClientSampleId :

C0AZ7

Tgt Ion:164 Resp: 10508

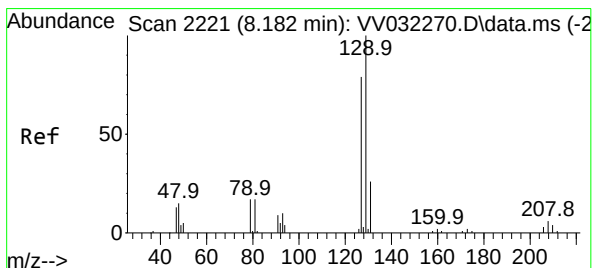
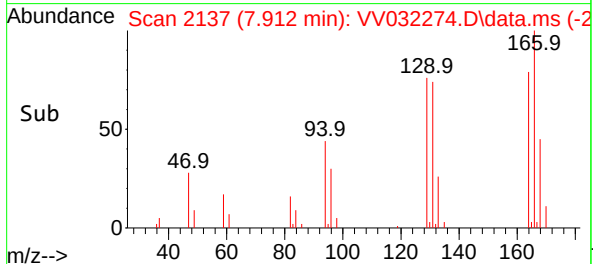
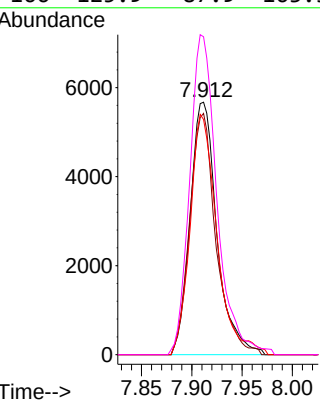
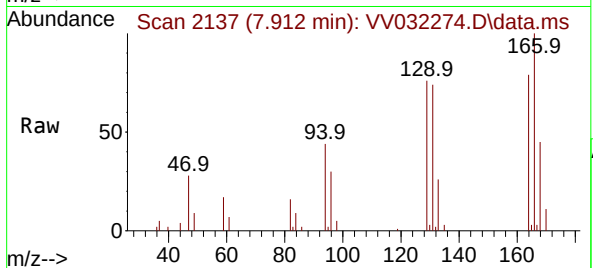
Ion Ratio Lower Upper

164 100

129 95.6 66.4 123.4

131 93.2 63.7 118.3

166 125.9 87.9 163.3



#49

Dibromochloromethane

Concen: 2.393 ug/L

RT: 8.182 min Scan# 2221

Delta R.T. 0.000 min

Lab File: VV032274.D

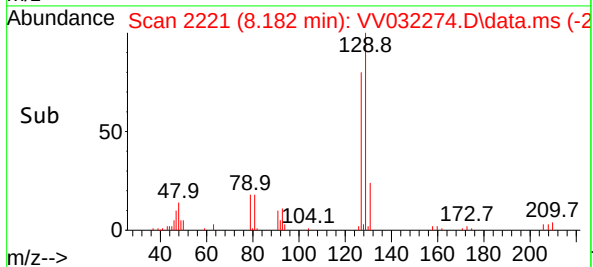
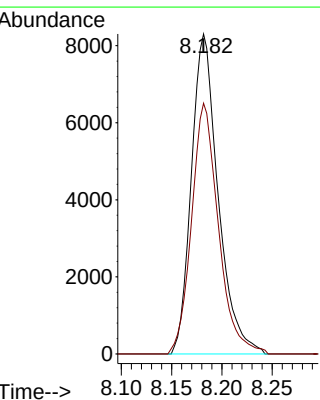
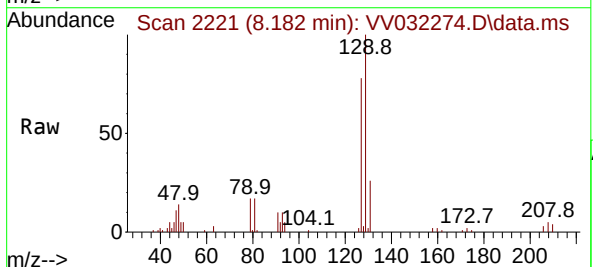
Acq: 05 Oct 2023 23:01

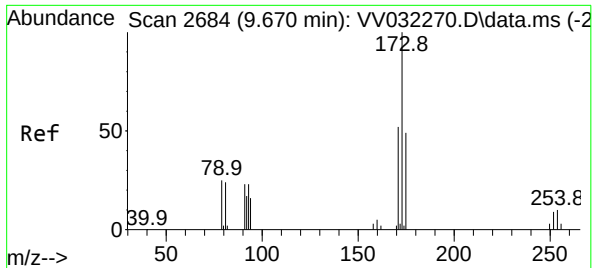
Tgt Ion:129 Resp: 15374

Ion Ratio Lower Upper

129 100

127 78.4 57.2 106.2





#59  
 Bromoform  
 Concen: 0.899 ug/L  
 RT: 9.670 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VV032274.D  
 Acq: 05 Oct 2023 23:01

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AZ7

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 2794  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 46.7  | 38.2  | 57.2  |
| 254      | 7.4   | 7.0   | 10.4  |

