

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101123\  
 Data File : VW032397.D  
 Acq On : 11 Oct 2023 16:42  
 Operator : SY/MD  
 Sample : 04851-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0B07

Quant Time: Oct 12 03:06:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 12 02:54:58 2023  
 Response via : Initial Calibration

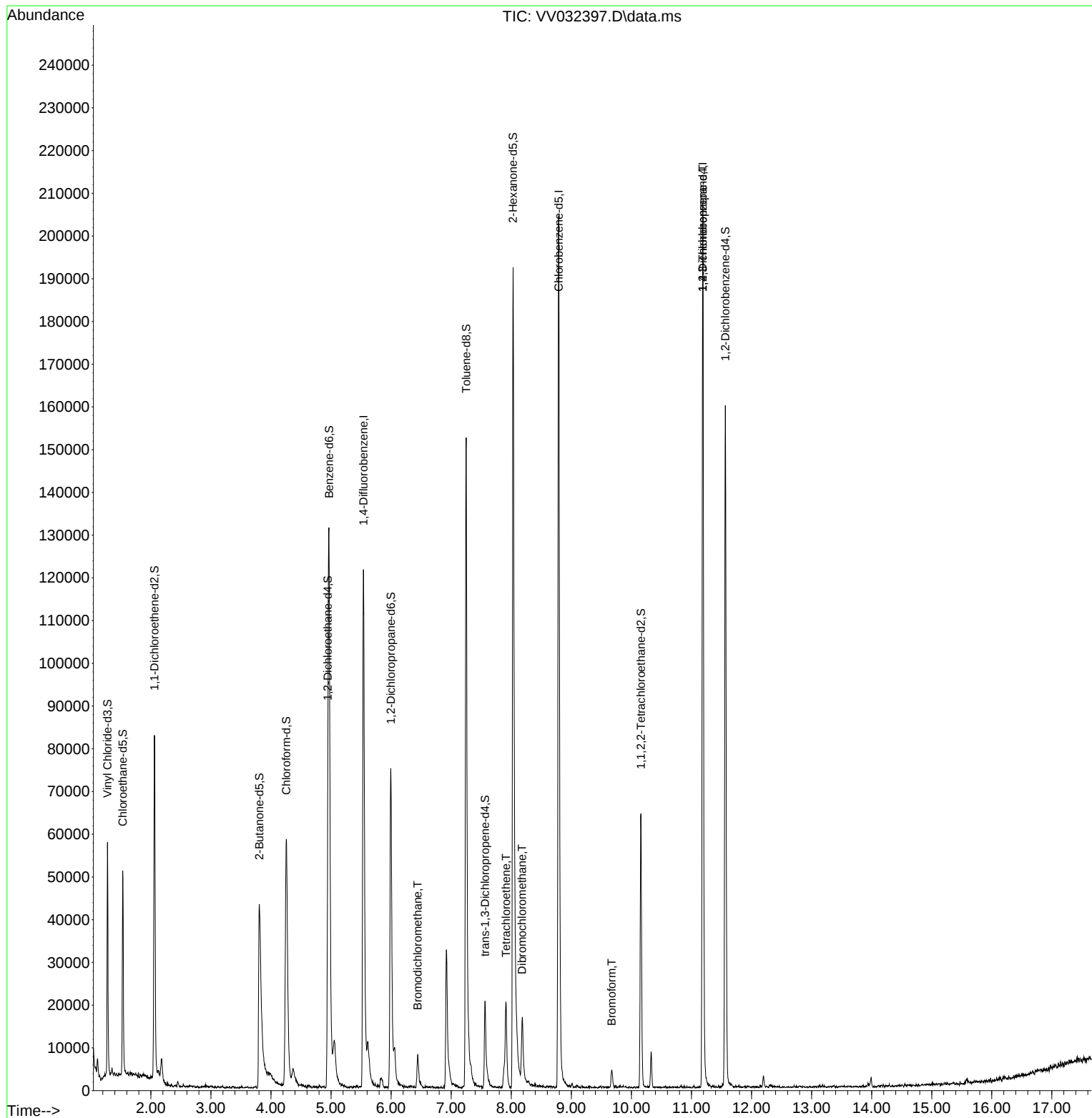
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114            | 105495   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 118279   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 54153    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 34281    | 3.996  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 80.000%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 30092    | 4.321  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65             | 13978    | 3.863  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 77.200%  |          |
| 20) 2-Butanone-d5             | 3.805  | 46             | 81102    | 37.367 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 74.740%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 63000    | 4.162  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 29972    | 4.181  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.600%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 119856   | 3.444  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 68.800%# |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 38201    | 3.313  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 66.200%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 109067   | 3.427  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 68.600%# |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 13791    | 3.375  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 67.600%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 73824    | 38.399 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 76.800%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 31743    | 3.936  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 78.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152            | 42009    | 4.180  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 83.600%  |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 38) Bromodichloromethane      | 6.442  | 83             | 6369     | 0.481  | ug/L     | 95       |
| 47) Tetrachloroethene         | 7.911  | 164            | 5357     | 0.621  | ug/L     | 90       |
| 49) Dibromochloromethane      | 8.181  | 129            | 7835     | 0.958  | ug/L     | 94       |
| 59) Bromoform                 | 9.670  | 173            | 2132     | 0.541  | ug/L #   | 94       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75             | 7046     | 1.222  | ug/L #   | 66       |

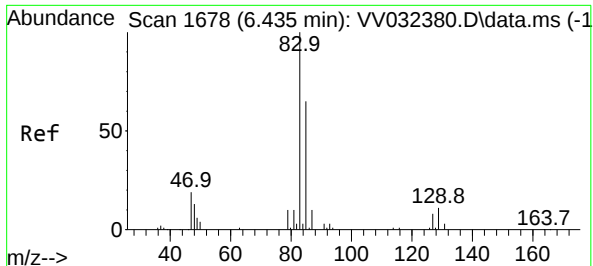
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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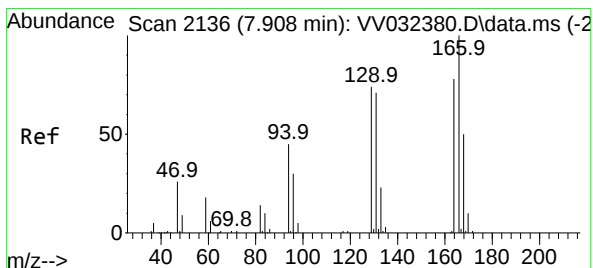
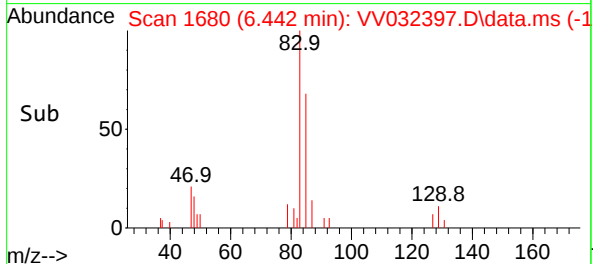
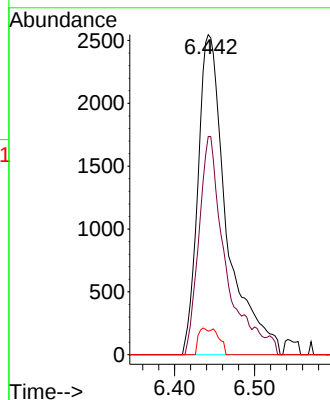
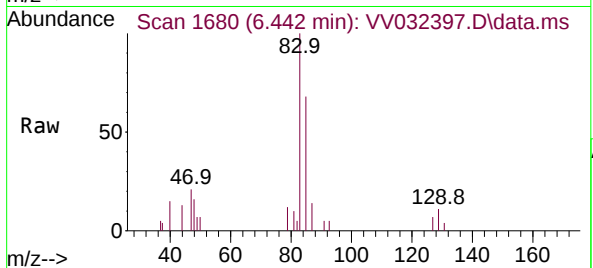




#38  
Bromodichloromethane  
Concen: 0.481 ug/L  
RT: 6.442 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VV032397.D  
Acq: 11 Oct 2023 16:42

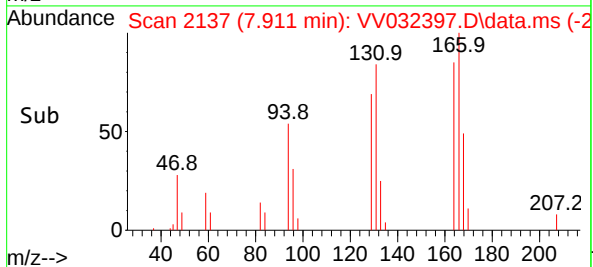
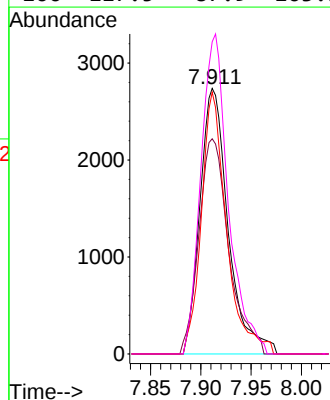
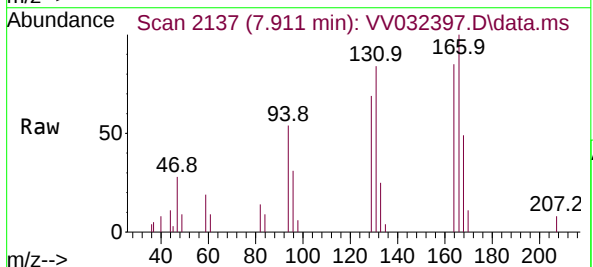
Instrument :  
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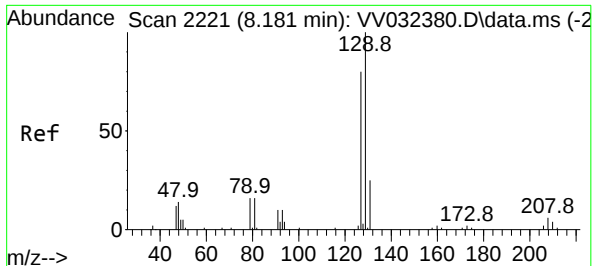
Tgt Ion: 83 Resp: 6369  
Ion Ratio Lower Upper  
83 100  
85 68.1 44.9 83.3  
127 7.4 6.9 10.3



#47  
Tetrachloroethene  
Concen: 0.621 ug/L  
RT: 7.911 min Scan# 2137  
Delta R.T. 0.003 min  
Lab File: VV032397.D  
Acq: 11 Oct 2023 16:42

Tgt Ion: 164 Resp: 5357  
Ion Ratio Lower Upper  
164 100  
129 81.1 66.4 123.4  
131 98.6 63.7 118.3  
166 117.5 87.9 163.3





#49

Dibromochloromethane

Concen: 0.958 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032397.D

Acq: 11 Oct 2023 16:42

Instrument :

MSVOA\_V

ClientSampleId :

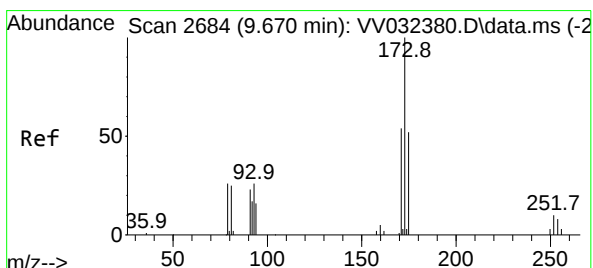
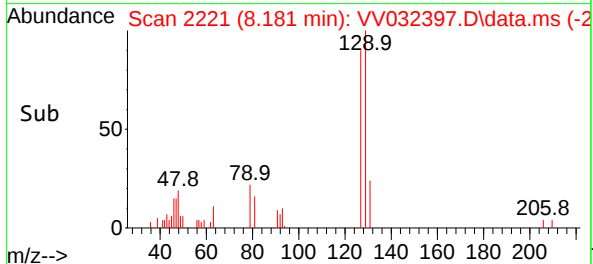
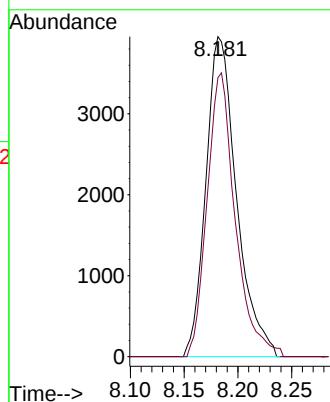
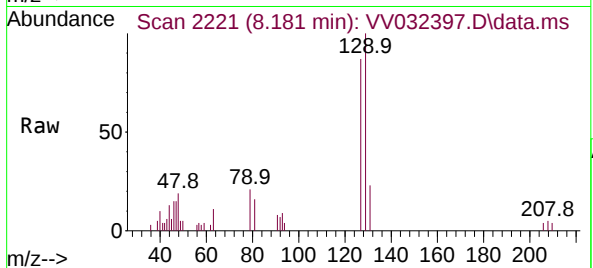
C0B07

Tgt Ion:129 Resp: 7835

Ion Ratio Lower Upper

129 100

127 87.2 57.2 106.2



#59

Bromoform

Concen: 0.541 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV032397.D

Acq: 11 Oct 2023 16:42

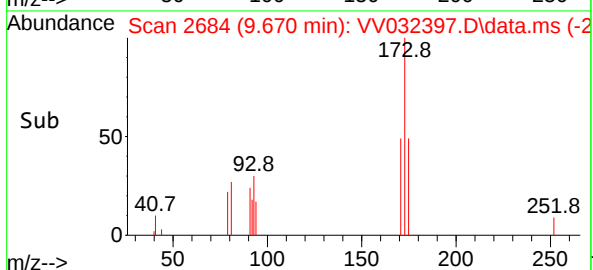
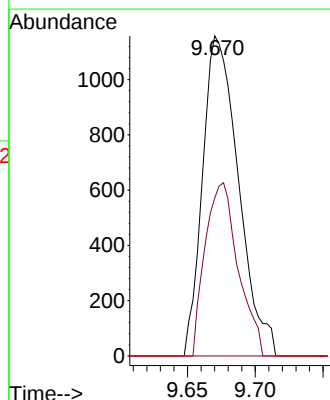
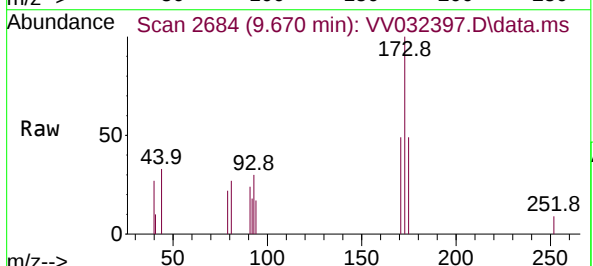
Tgt Ion:173 Resp: 2132

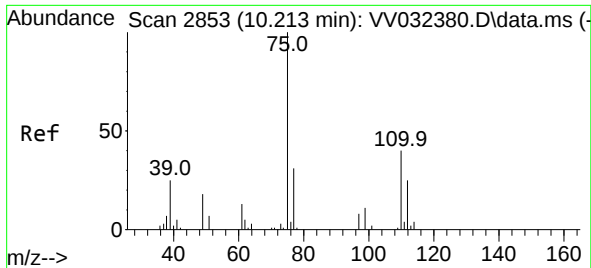
Ion Ratio Lower Upper

173 100

175 49.7 38.2 57.2

254 0.0 7.0 10.4#





#61

1,2,3-Trichloropropane

Concen: 1.222 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV032397.D

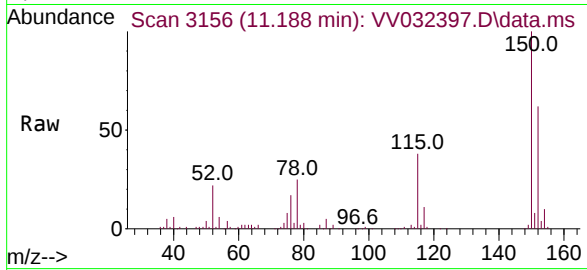
Acq: 11 Oct 2023 16:42

Instrument :

MSVOA\_V

ClientSampleId :

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Tgt Ion: 75 Resp: 7046

Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2

110 1.3 30.6 46.0#

