

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051823\  
 Data File : VV031089.D  
 Acq On : 18 May 2023 14:15  
 Operator : SY/MD  
 Sample : 02822-16  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CONQ2

Quant Time: May 19 05:36:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 19 05:32:32 2023  
 Response via : Initial Calibration

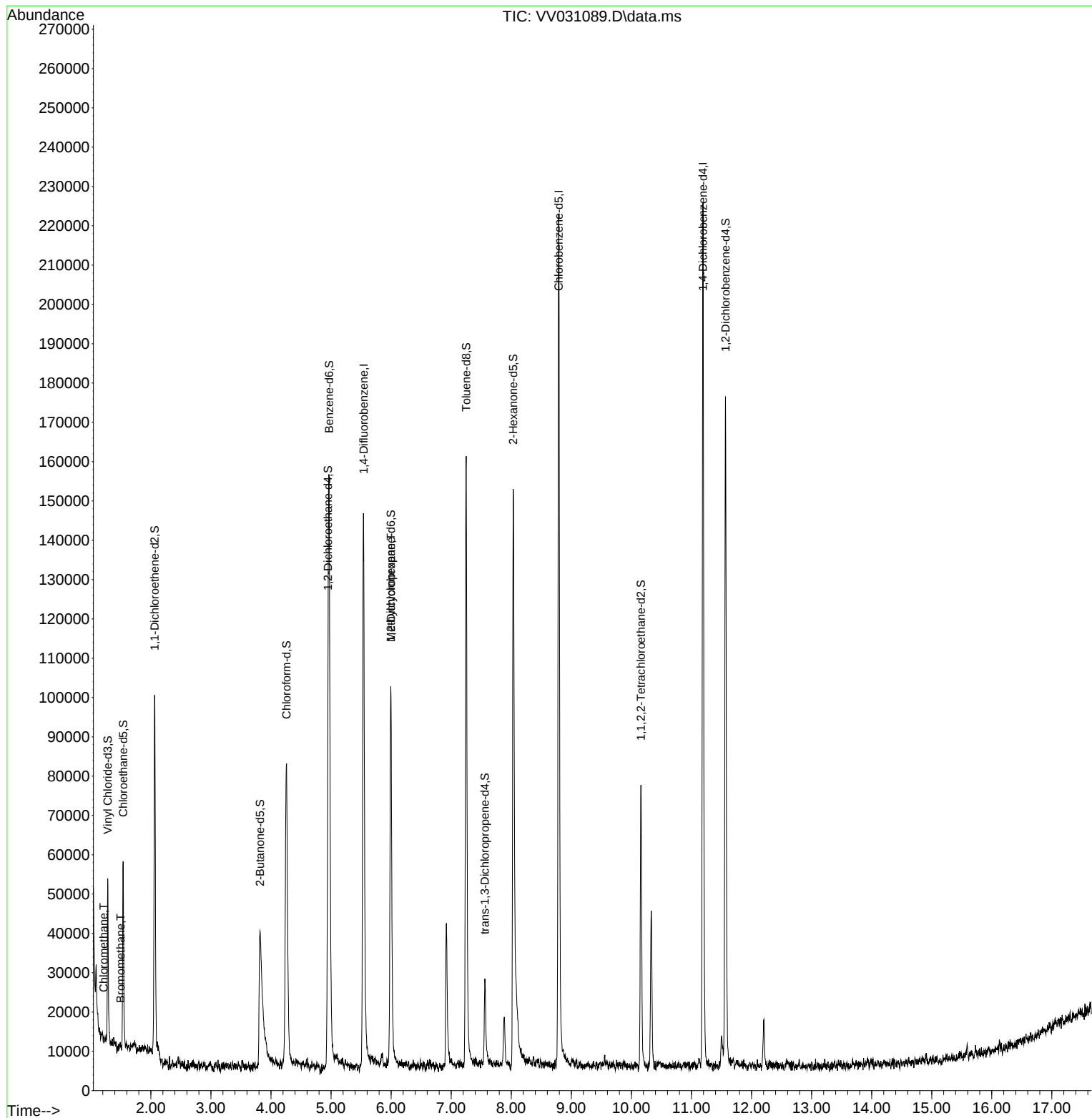
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 121009   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 120780   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 60035    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.282  | 65             | 27429    | 2.751  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 55.000%  |          |
| 7) Chloroethane-d5            | 1.539  | 69             | 30496    | 3.750  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 75.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 15413    | 2.921  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 58.400%# |          |
| 20) 2-Butanone-d5             | 3.818  | 46             | 75160    | 42.512 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 85.020%  |          |
| 24) Chloroform-d              | 4.259  | 84             | 80679    | 4.072  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 42678    | 4.237  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.800%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 127559   | 3.603  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 72.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 41221    | 4.004  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 80.000%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 105633   | 3.133  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 62.600%# |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 13039    | 3.379  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 67.600%  |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 55291    | 40.895 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 81.800%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 31630    | 4.239  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 84.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 44376    | 3.965  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 79.400%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.217  | 50             | 1007     | 0.090  | ug/L #   | 79       |
| 6) Bromomethane               | 1.497  | 94             | 423      | 0.095  | ug/L     | 82       |
| 35) Methylcyclohexane         | 5.995  | 83             | 11885    | 0.947  | ug/L #   | 18       |
| -----                         |        |                |          |        |          |          |

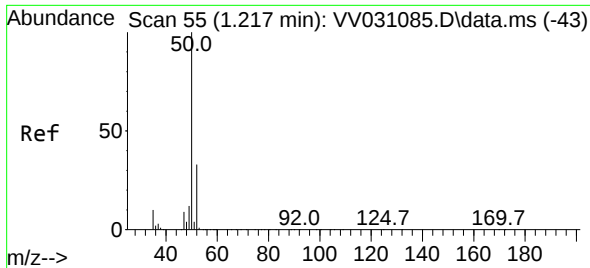
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri May 19 05:32:32 2023  
Response via : Initial Calibration

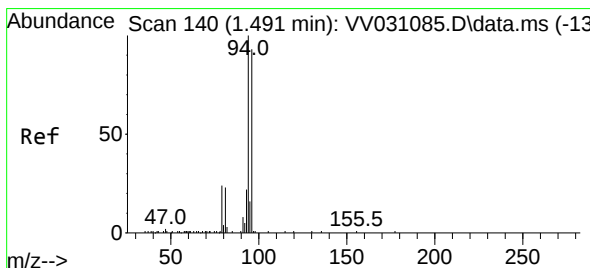
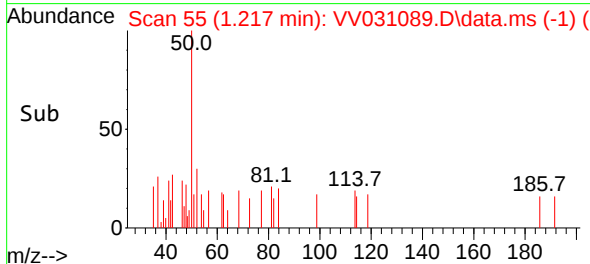
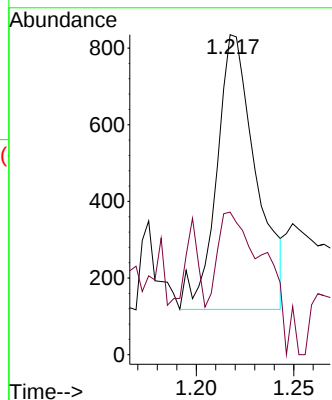
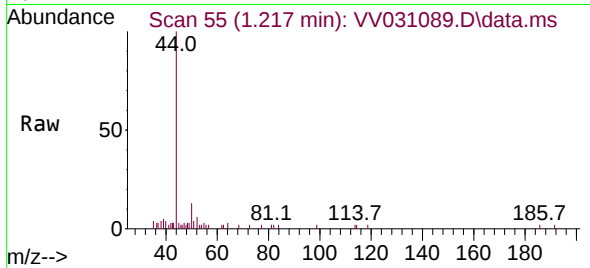




#3  
Chloromethane  
Concen: 0.090 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VV031089.D  
Acq: 18 May 2023 14:15

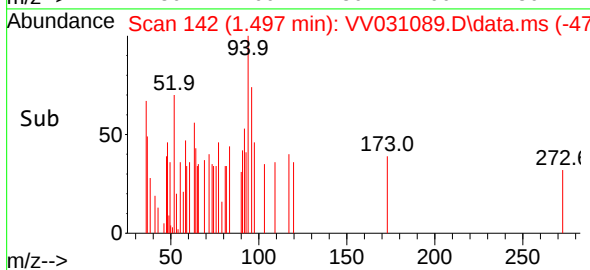
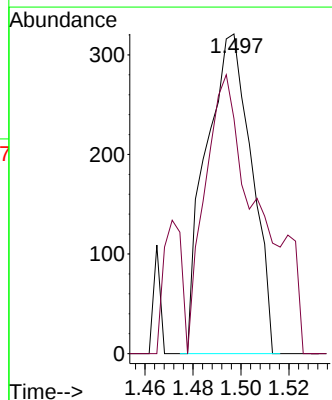
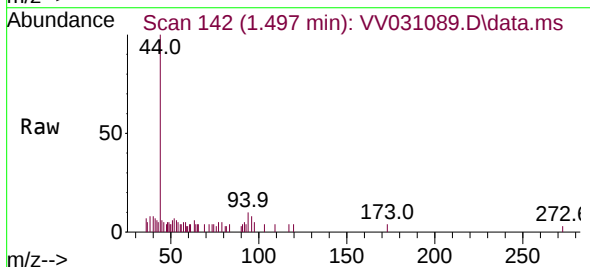
Instrument :  
MSVOA\_V  
ClientSampleId :  
CONQ2

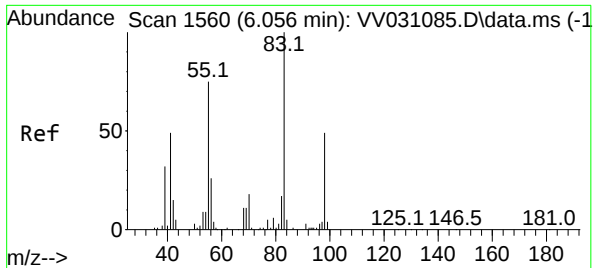
Tgt Ion: 50 Resp: 1007  
Ion Ratio Lower Upper  
50 100  
52 44.6 22.8 42.4#



#6  
Bromomethane  
Concen: 0.095 ug/L  
RT: 1.497 min Scan# 142  
Delta R.T. 0.007 min  
Lab File: VV031089.D  
Acq: 18 May 2023 14:15

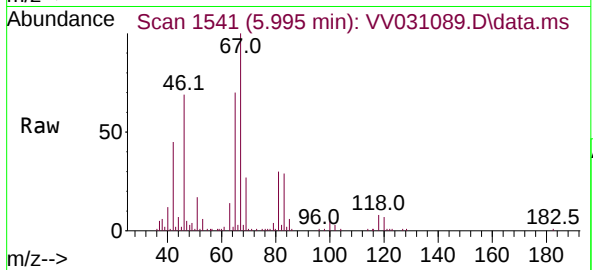
Tgt Ion: 94 Resp: 423  
Ion Ratio Lower Upper  
94 100  
96 73.5 63.4 117.8





#35  
Methylcyclohexane  
Concen: 0.947 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VV031089.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11885 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.4   | 62.9  | 94.3# |
| 98       | 2.4   | 40.5  | 60.7# |

