

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083022\  
 Data File : VV027587.D  
 Acq On : 30 Aug 2022 15:38  
 Operator : SY/MD  
 Sample : N4368-16  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Aug 31 04:48:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081922WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 31 04:45:39 2022  
 Response via : Initial Calibration

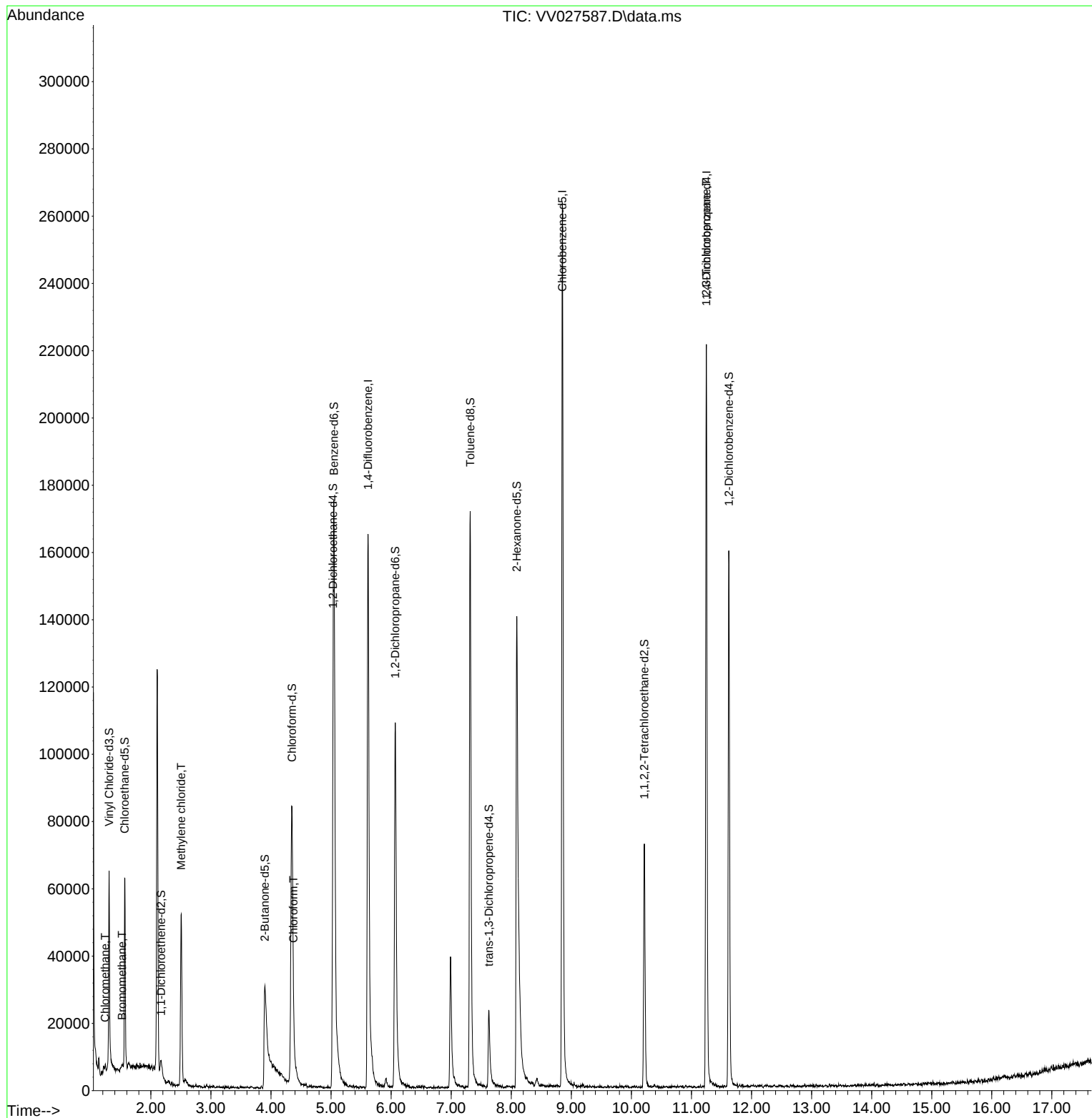
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114   | 145810   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 146136   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 57347    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 41765    | 4.025    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.400%  |
| 7) Chloroethane-d5            | 1.565  | 69    | 36741    | 4.838    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.172  | 63    | 4398     | 0.182    | ug/L   | 0.07     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 3.600%#  |
| 20) 2-Butanone-d5             | 3.899  | 46    | 63478    | 49.152   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.300%  |
| 24) Chloroform-d              | 4.349  | 84    | 91362    | 4.403    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 43628    | 4.860    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.200%  |
| 32) Benzene-d6                | 5.050  | 84    | 164392   | 4.061    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 81.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 54731    | 4.651    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 118925   | 3.254    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 65.000%# |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 15134    | 3.756    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 75.200%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 57666    | 43.476   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 86.960%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 36166    | 4.826    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 39989    | 4.704    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.237  | 50    | 809      | 0.060    | ug/L # | 61       |
| 6) Bromomethane               | 1.520  | 94    | 491      | 0.073    | ug/L   | 95       |
| 16) Methylene chloride        | 2.507  | 84    | 20365    | 1.224    | ug/L   | 99       |
| 25) Chloroform                | 4.375  | 83    | 4740     | 0.185    | ug/L   | 94       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6981     | 1.388    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

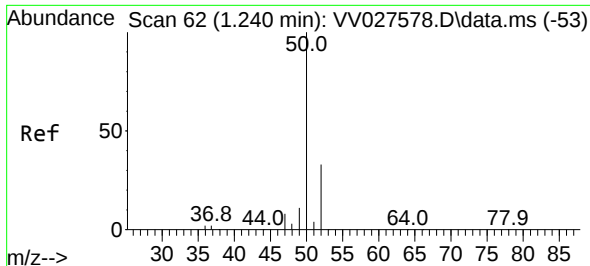
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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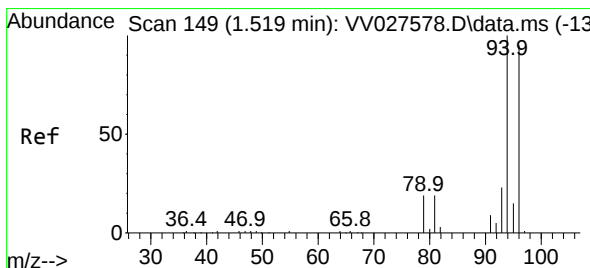
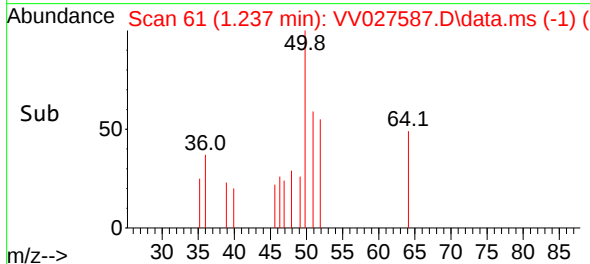
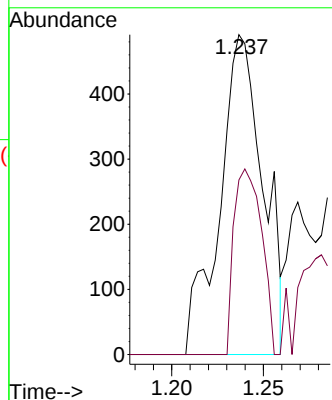
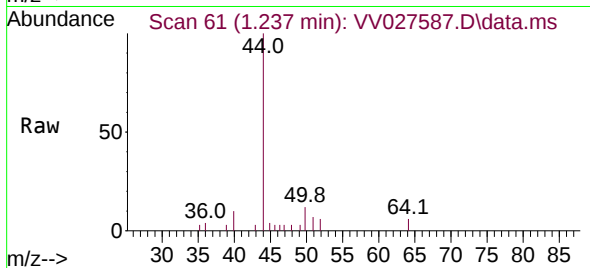




#3  
Chloromethane  
Concen: 0.060 ug/L  
RT: 1.237 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VV027587.D  
Acq: 30 Aug 2022 15:38

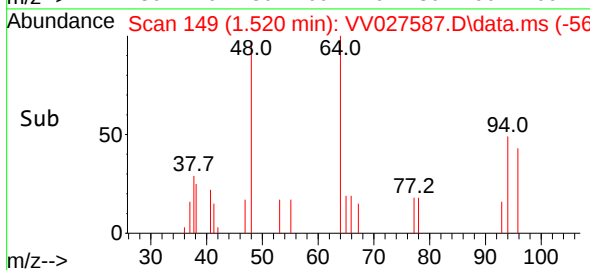
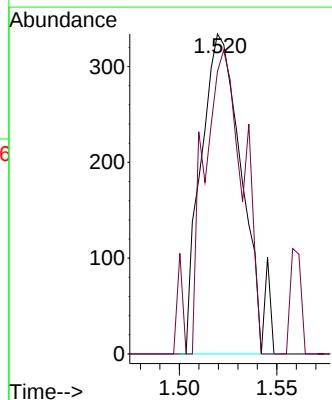
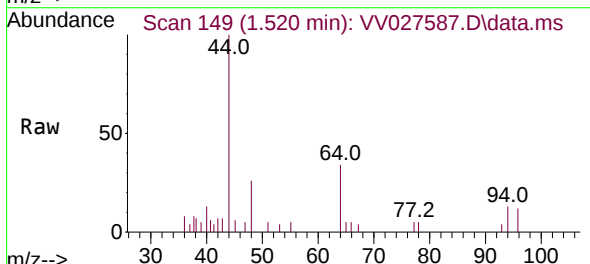
Instrument :  
MSVOA\_V  
ClientSampleId :  
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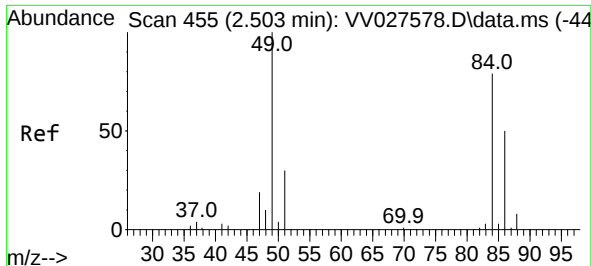
Tgt Ion: 50 Resp: 809  
Ion Ratio Lower Upper  
50 100  
52 54.6 22.8 42.4#



#6  
Bromomethane  
Concen: 0.073 ug/L  
RT: 1.520 min Scan# 149  
Delta R.T. 0.000 min  
Lab File: VV027587.D  
Acq: 30 Aug 2022 15:38

Tgt Ion: 94 Resp: 491  
Ion Ratio Lower Upper  
94 100  
96 88.3 65.2 121.0

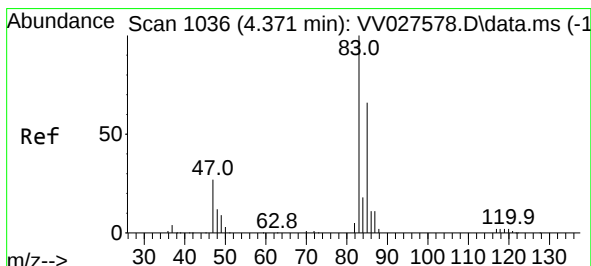
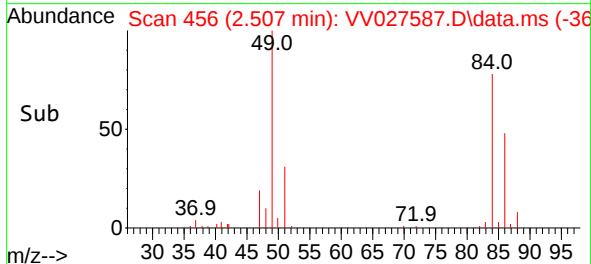
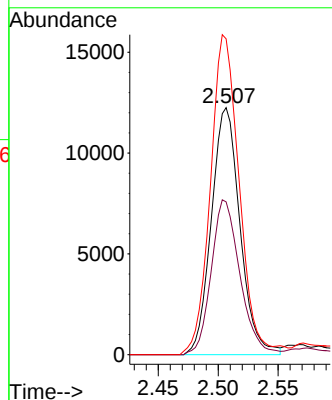
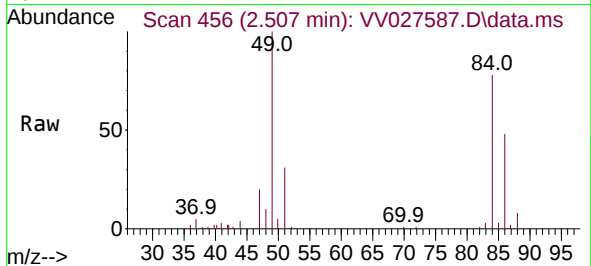




#16  
Methylene chloride  
Concen: 1.224 ug/L  
RT: 2.507 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV027587.D  
Acq: 30 Aug 2022 15:38

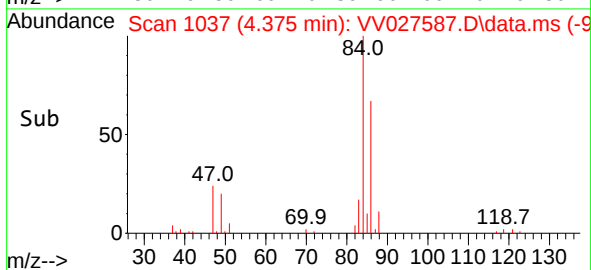
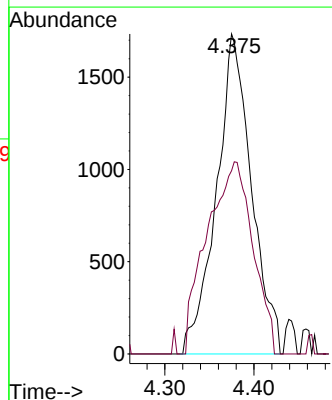
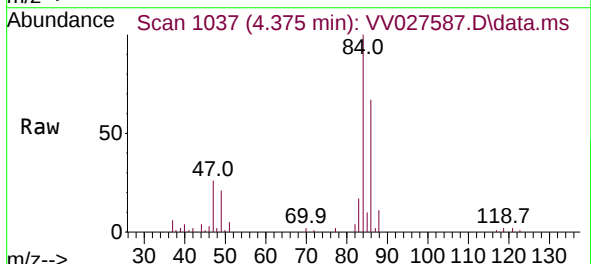
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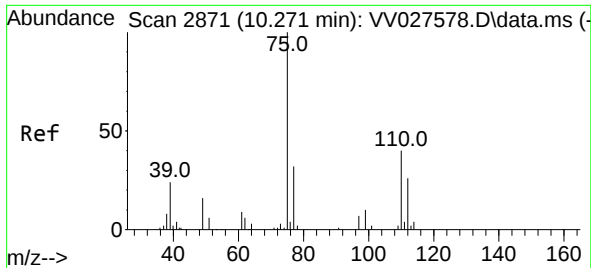
Tgt Ion: 84 Resp: 20365  
Ion Ratio Lower Upper  
84 100  
86 61.9 44.0 81.6  
49 127.9 89.4 166.0



#25  
Chloroform  
Concen: 0.185 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VV027587.D  
Acq: 30 Aug 2022 15:38

Tgt Ion: 83 Resp: 4740  
Ion Ratio Lower Upper  
83 100  
85 57.3 43.3 80.5





#61  
 1,2,3-Trichloropropane  
 Concen: 1.388 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.974 min  
 Lab File: VV027587.D  
 Acq: 30 Aug 2022 15:38

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 ClientSampleId :  
 VHBLK001

Tgt Ion: 75 Resp: 6981  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 26.2 39.2  
 110 2.7 29.9 44.9#

