

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051524\  
 Data File : VV035607.D  
 Acq On : 14 May 2024 13:20  
 Operator : SY/MD  
 Sample : P2416-01  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: May 15 02:39:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR051424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 15 02:29:38 2024  
 Response via : Initial Calibration

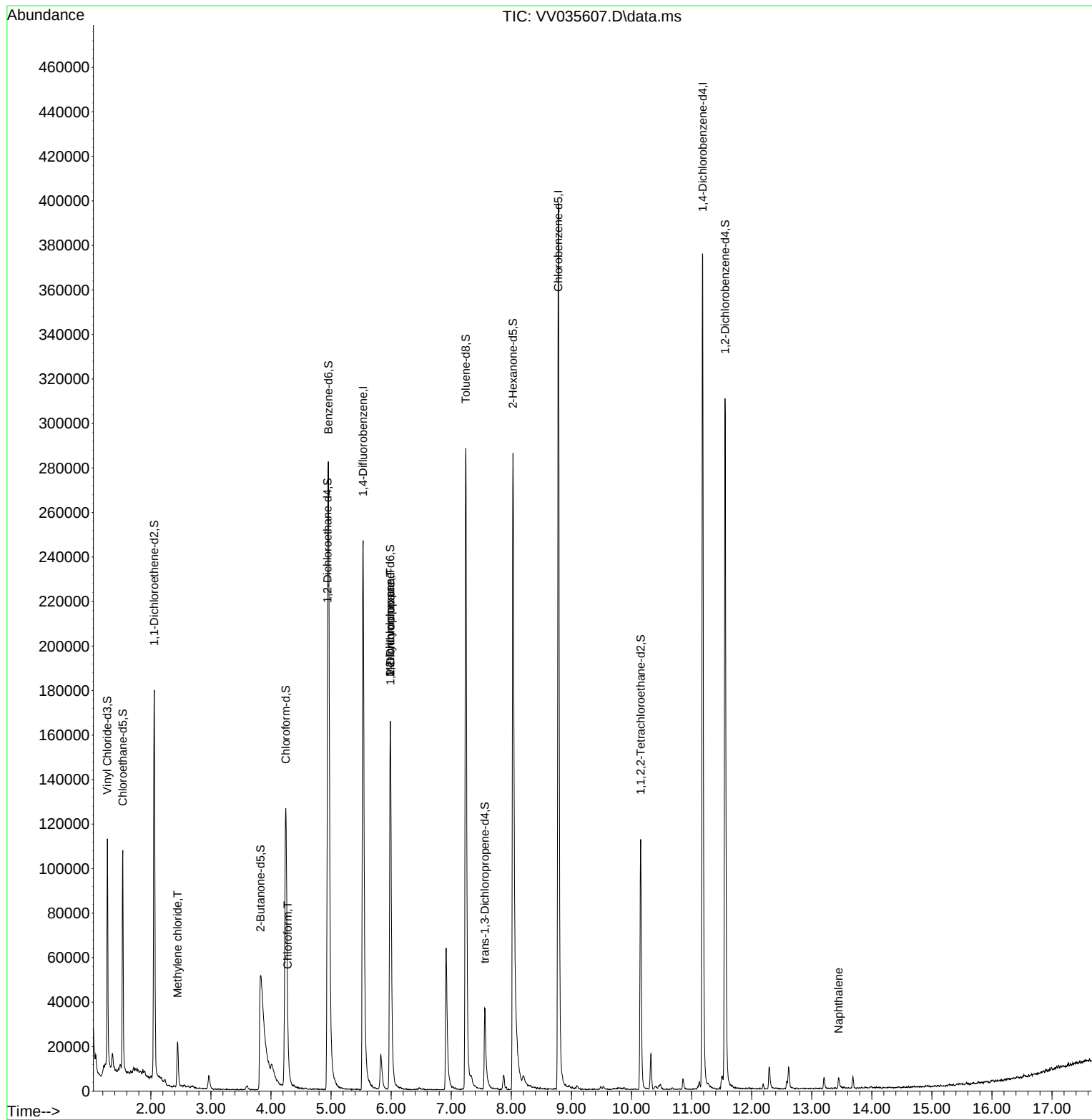
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 230416   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 236807   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 105864   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 66412    | 4.544    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.800%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 62554    | 4.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 30316    | 4.669    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.400%  |
| 20) 2-Butanone-d5             | 3.825  | 46    | 158172   | 46.438   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.880%  |
| 24) Chloroform-d              | 4.246  | 84    | 143925   | 4.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 70352    | 4.947    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.000%  |
| 32) Benzene-d6                | 4.957  | 84    | 270009   | 4.975    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 91226    | 5.304    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.000% |
| 41) Toluene-d8                | 7.243  | 98    | 208385   | 4.354    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.000%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 27084    | 4.526    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.600%  |
| 46) 2-Hexanone-d5             | 8.027  | 63    | 119863   | 44.281   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.560%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 56925    | 4.085    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 81.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 86764    | 5.300    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.446  | 84    | 9312     | 0.407    | ug/L   | 97       |
| 25) Chloroform                | 4.278  | 83    | 5741     | 0.164    | ug/L   | 91       |
| 35) Methylcyclohexane         | 5.986  | 83    | 21410    | 0.886    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 5.989  | 63    | 9148     | 0.524    | ug/L # | 85       |
| 71) Naphthalene               | 13.448 | 128   | 4914     | 0.176    | ug/L # | 96       |
| -----                         |        |       |          |          |        |          |

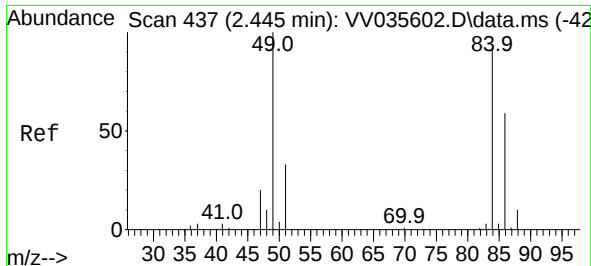
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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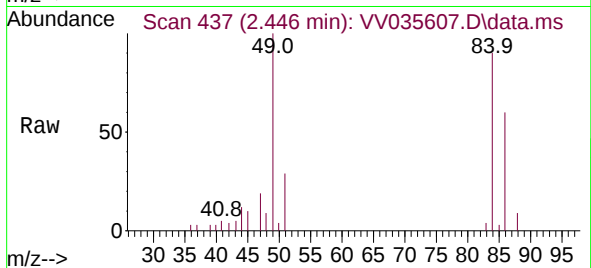
Quant Time: May 15 02:39:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR051424WMA.M  
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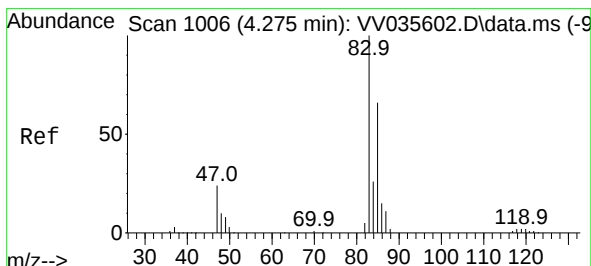
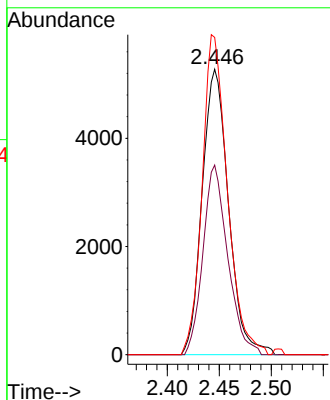
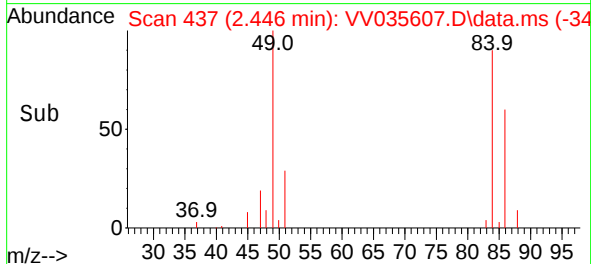


#16  
Methylene chloride  
Concen: 0.407 ug/L  
RT: 2.446 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV035607.D  
Acq: 14 May 2024 13:20

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MSVOA\_V  
ClientSampleId :

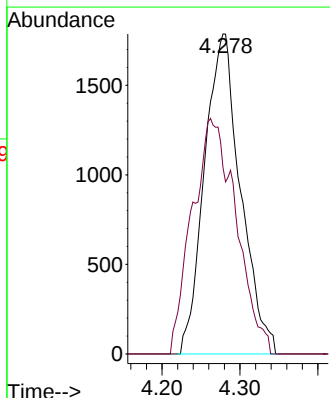
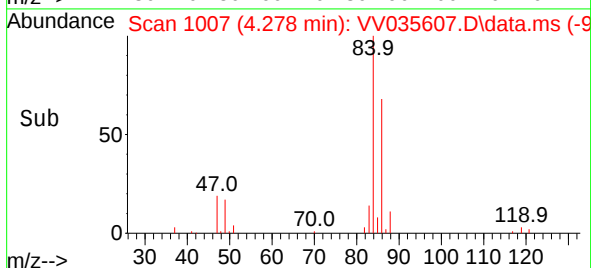
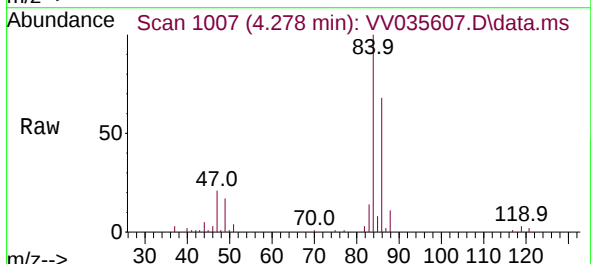


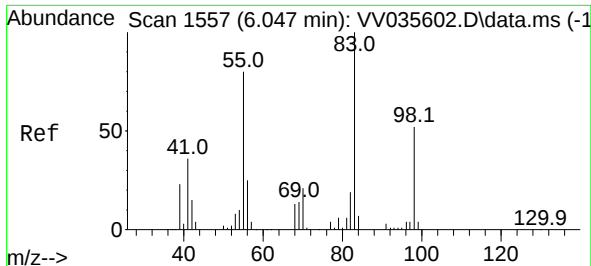
Tgt Ion: 84 Resp: 9312  
Ion Ratio Lower Upper  
84 100  
86 66.4 44.9 83.5  
49 111.2 75.8 140.8



#25  
Chloroform  
Concen: 0.164 ug/L  
RT: 4.278 min Scan# 1007  
Delta R.T. 0.003 min  
Lab File: VV035607.D  
Acq: 14 May 2024 13:20

Tgt Ion: 83 Resp: 5741  
Ion Ratio Lower Upper  
83 100  
85 58.3 45.9 85.3





#35

Methylcyclohexane

Concen: 0.886 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV035607.D

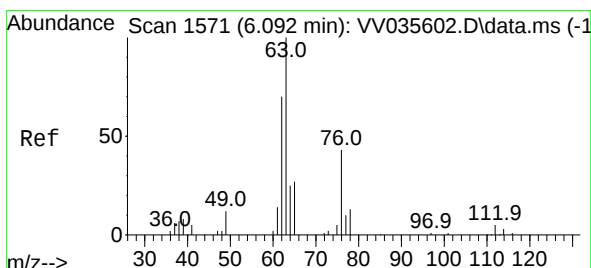
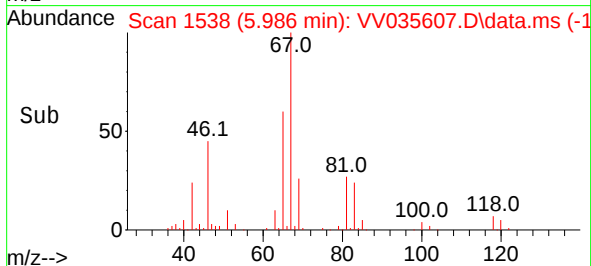
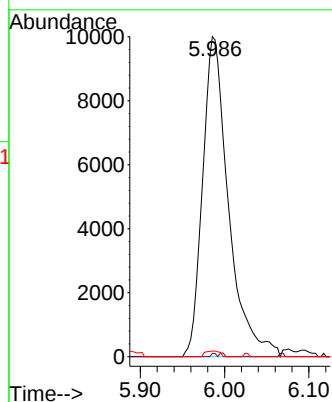
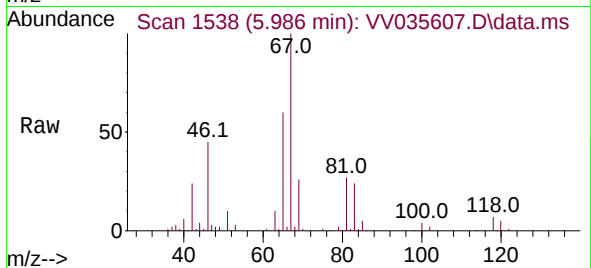
Acq: 14 May 2024 13:20

Instrument :

MSVOA\_V

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 21410 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.2      | 60.7 91.1#  |
| 98 1.0      | 38.4 57.6#  |



#37

1,2-Dichloropropane

Concen: 0.524 ug/L

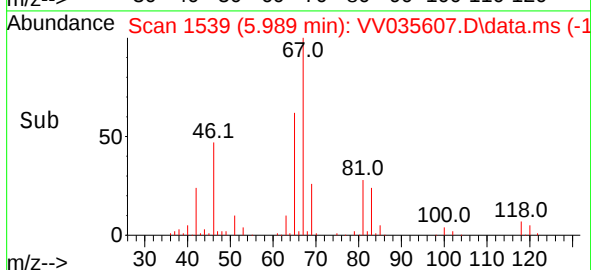
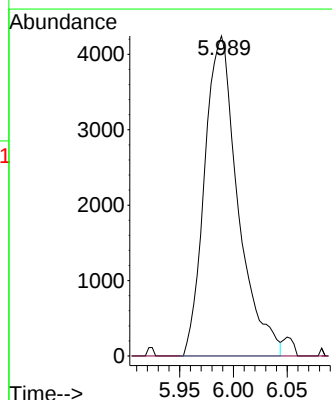
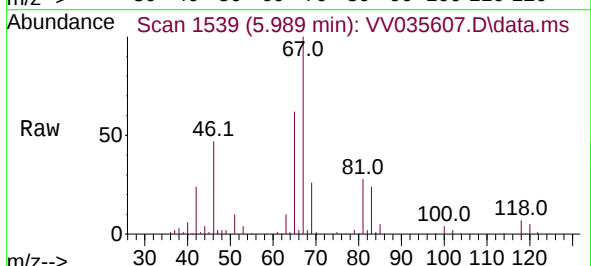
RT: 5.989 min Scan# 1539

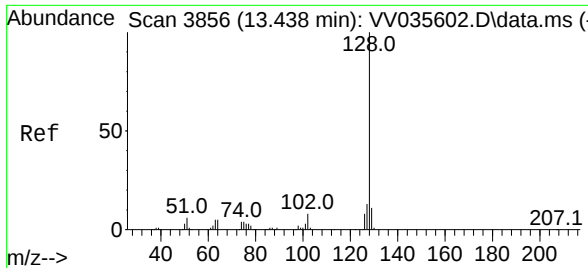
Delta R.T. -0.103 min

Lab File: VV035607.D

Acq: 14 May 2024 13:20

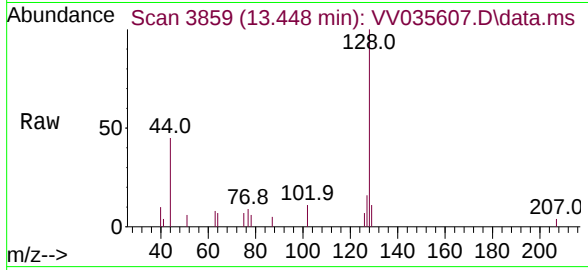
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 9148  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.9 5.9#    |





#71  
Naphthalene  
Concen: 0.176 ug/L  
RT: 13.448 min Scan# 3859  
Delta R.T. 0.010 min  
Lab File: VV035607.D  
Acq: 14 May 2024 13:20

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion:128 Resp: 4914  
Ion Ratio Lower Upper  
128 100  
129 8.5 8.6 12.8#  
127 12.6 10.7 16.1

