

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071822\  
 Data File : VV026807.D  
 Acq On : 18 Jul 2022 13:40  
 Operator : SY/MD  
 Sample : N3704-06DL 4X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AJ5DL

Quant Time: Jul 19 03:09:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 19 03:06:10 2022  
 Response via : Initial Calibration

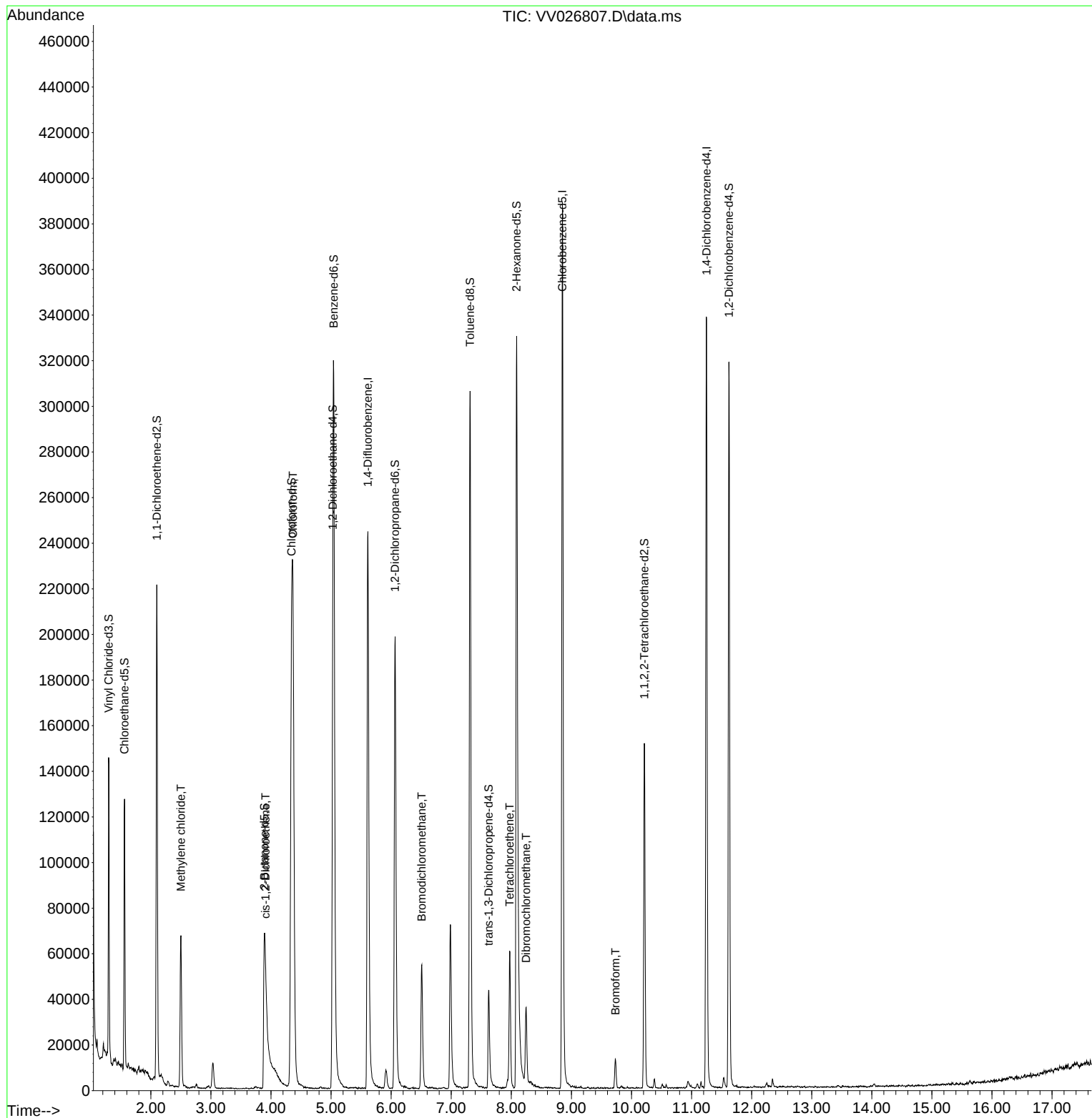
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114   | 219780   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 223394   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 92698    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65    | 80595    | 4.020    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 80.400%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 75882    | 4.380    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63    | 113034   | 2.937    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 58.800%# |
| 20) 2-Butanone-d5             | 3.889  | 46    | 152260   | 48.656   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.320%  |
| 24) Chloroform-d              | 4.342  | 84    | 179014   | 5.106    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.200% |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 79101    | 5.165    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.200% |
| 32) Benzene-d6                | 5.043  | 84    | 296143   | 4.363    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 100574   | 4.941    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.800%  |
| 41) Toluene-d8                | 7.313  | 98    | 217516   | 3.610    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.200%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 27941    | 4.196    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.000%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 129751   | 45.005   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 76624    | 4.833    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 81083    | 5.020    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.500  | 84    | 29617    | 1.290    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96    | 3017     | 0.169    | ug/L   | 100      |
| 25) Chloroform                | 4.365  | 83    | 182125   | 5.376    | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.506  | 83    | 38649    | 1.660    | ug/L   | 96       |
| 47) Tetrachloroethene         | 7.973  | 164   | 13958    | 0.970    | ug/L   | 93       |
| 49) Dibromochloromethane      | 8.246  | 129   | 17792    | 1.183    | ug/L   | 98       |
| 59) Bromoform                 | 9.735  | 173   | 6269     | 1.054    | ug/L   | 93       |
| -----                         |        |       |          |          |        |          |

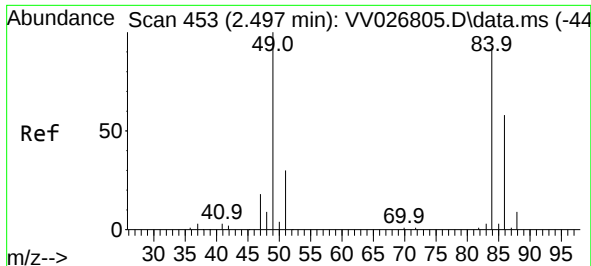
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 03:06:10 2022  
Response via : Initial Calibration

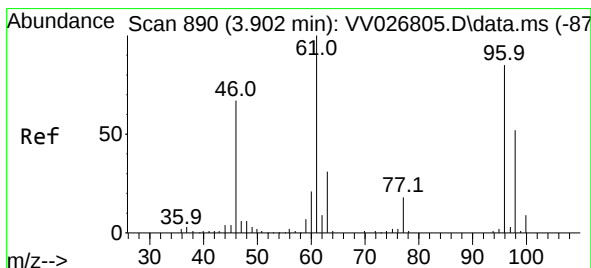
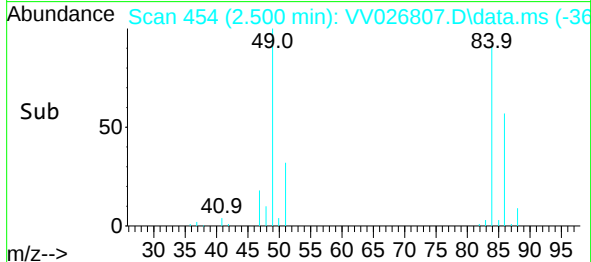
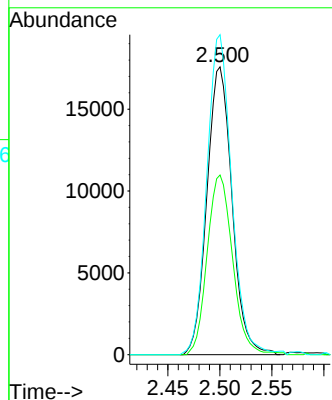
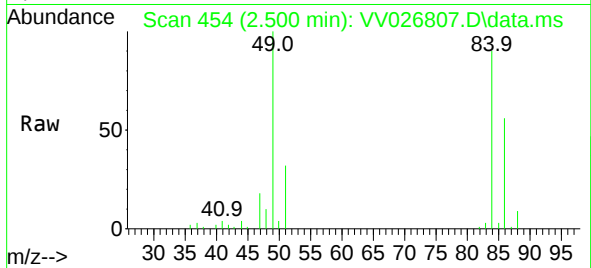




#16  
Methylene chloride  
Concen: 1.290 ug/L  
RT: 2.500 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VV026807.D  
Acq: 18 Jul 2022 13:40

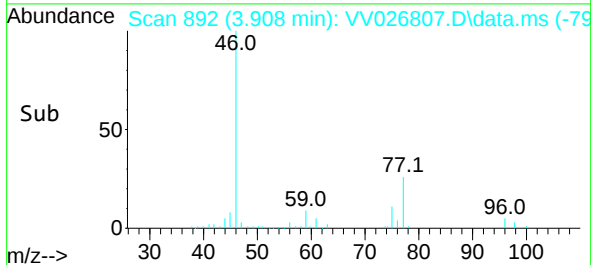
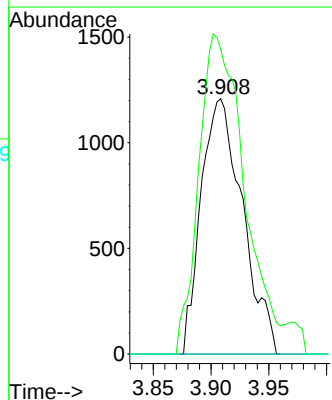
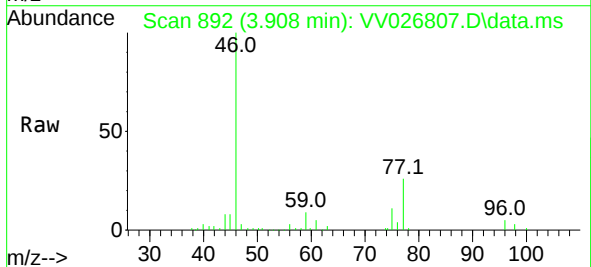
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AJ5DL

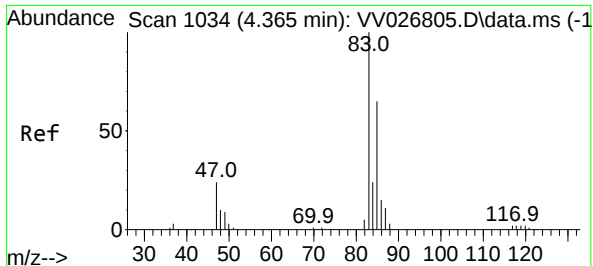
Tgt Ion: 84 Resp: 29617  
Ion Ratio Lower Upper  
84 100  
86 62.4 44.8 83.2  
49 111.1 78.7 146.1



#22  
cis-1,2-Dichloroethene  
Concen: 0.169 ug/L  
RT: 3.908 min Scan# 892  
Delta R.T. 0.006 min  
Lab File: VV026807.D  
Acq: 18 Jul 2022 13:40

Tgt Ion: 96 Resp: 3017  
Ion Ratio Lower Upper  
96 100  
61 119.5 83.9 155.9  
68 0.0 0.0 0.0





#25

Chloroform

Concen: 5.376 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026807.D

Acq: 18 Jul 2022 13:40

Instrument :

MSVOA\_V

ClientSampleId :

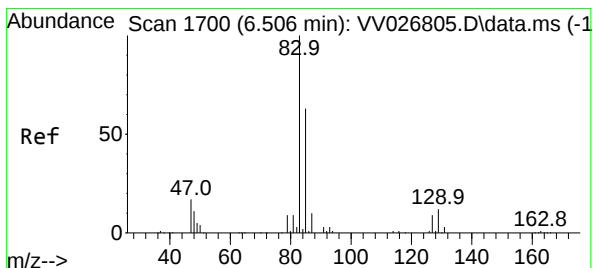
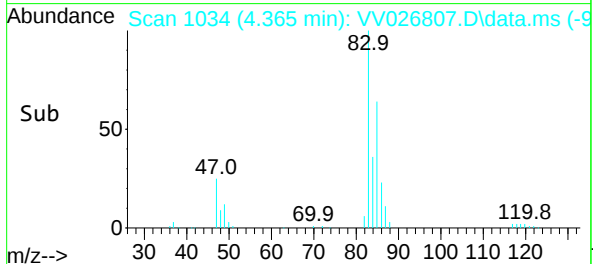
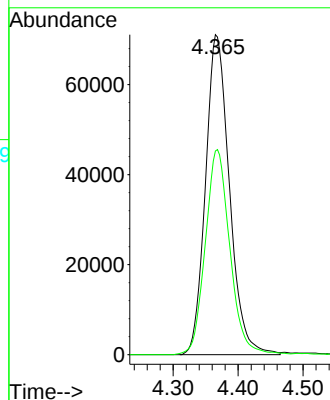
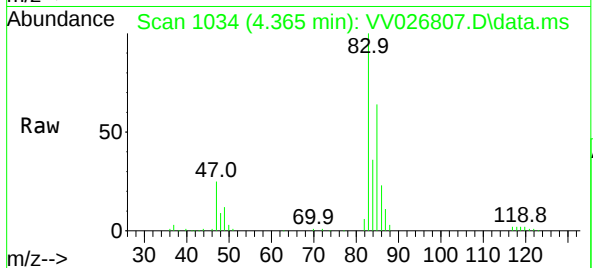
C0AJ5DL

Tgt Ion: 83 Resp: 182125

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9



#38

Bromodichloromethane

Concen: 1.660 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026807.D

Acq: 18 Jul 2022 13:40

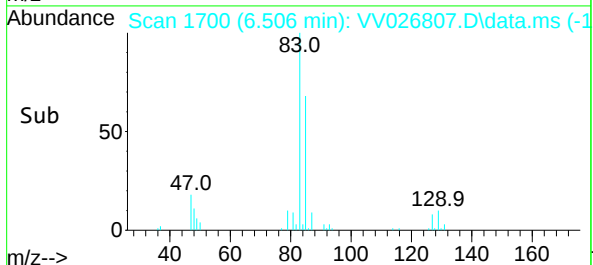
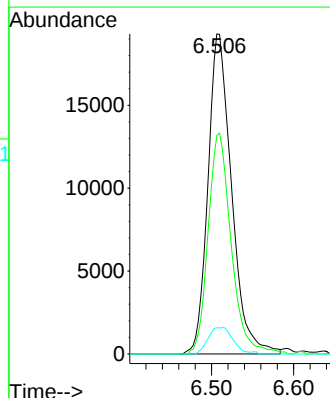
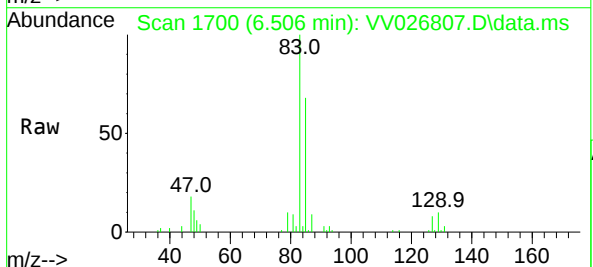
Tgt Ion: 83 Resp: 38649

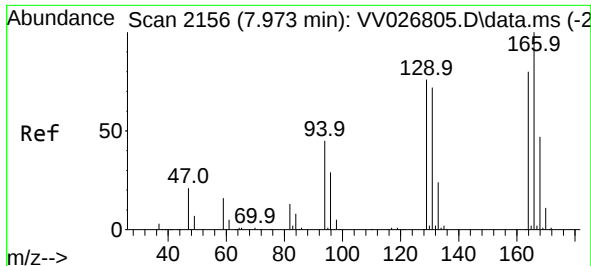
Ion Ratio Lower Upper

83 100

85 68.3 45.4 84.4

127 8.2 6.6 10.0





#47

Tetrachloroethene

Concen: 0.970 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV026807.D

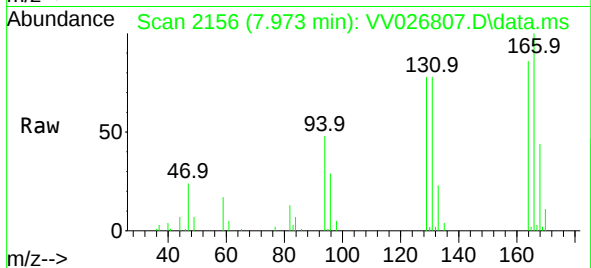
Acq: 18 Jul 2022 13:40

Instrument :

MSVOA\_V

ClientSampleId :

C0AJ5DL



Tgt Ion:164 Resp: 13958

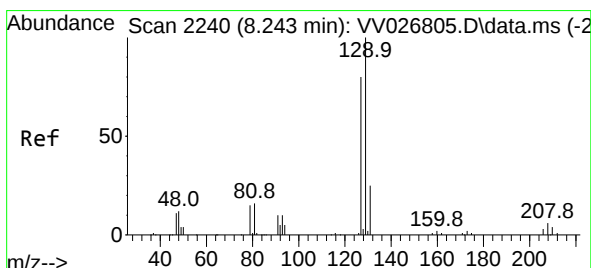
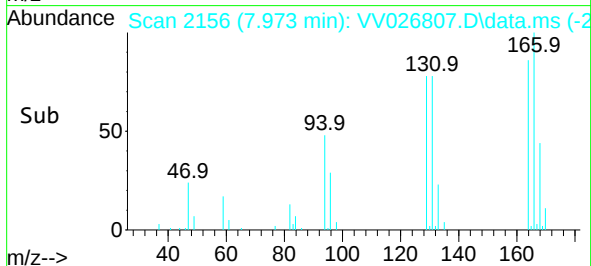
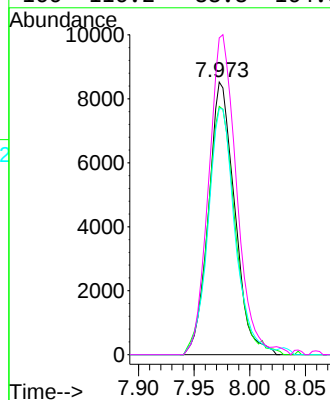
Ion Ratio Lower Upper

164 100

129 91.1 67.8 125.8

131 90.3 65.9 122.5

166 116.2 88.8 164.8



#49

Dibromochloromethane

Concen: 1.183 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV026807.D

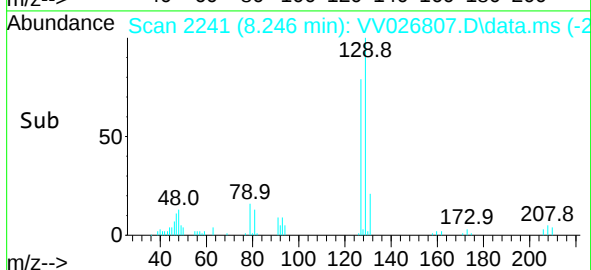
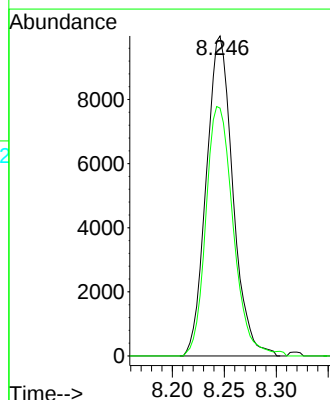
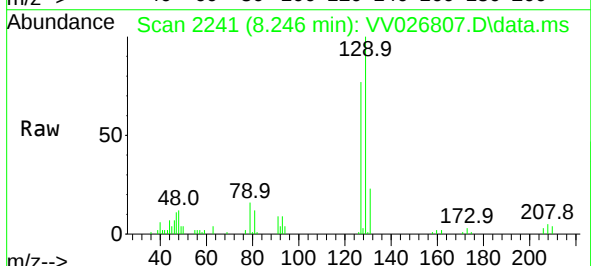
Acq: 18 Jul 2022 13:40

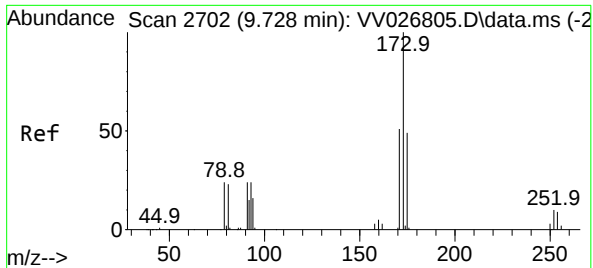
Tgt Ion:129 Resp: 17792

Ion Ratio Lower Upper

129 100

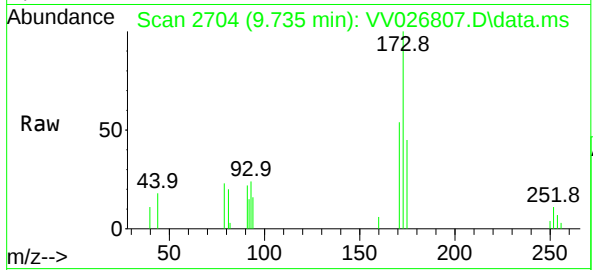
127 77.5 55.7 103.5





#59  
 Bromoform  
 Concen: 1.054 ug/L  
 RT: 9.735 min Scan# 21  
 Delta R.T. 0.006 min  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 6269  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 45.7  | 40.7  | 61.1  |
| 254      | 8.9   | 6.5   | 9.7   |

