

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050423\  
 Data File : VD076000.D  
 Acq On : 04 May 2023 13:06  
 Operator : KP/SY  
 Sample : 02589-10  
 Misc : 4.68G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREC7

Quant Time: May 05 00:49:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 00:35:29 2023  
 Response via : Initial Calibration

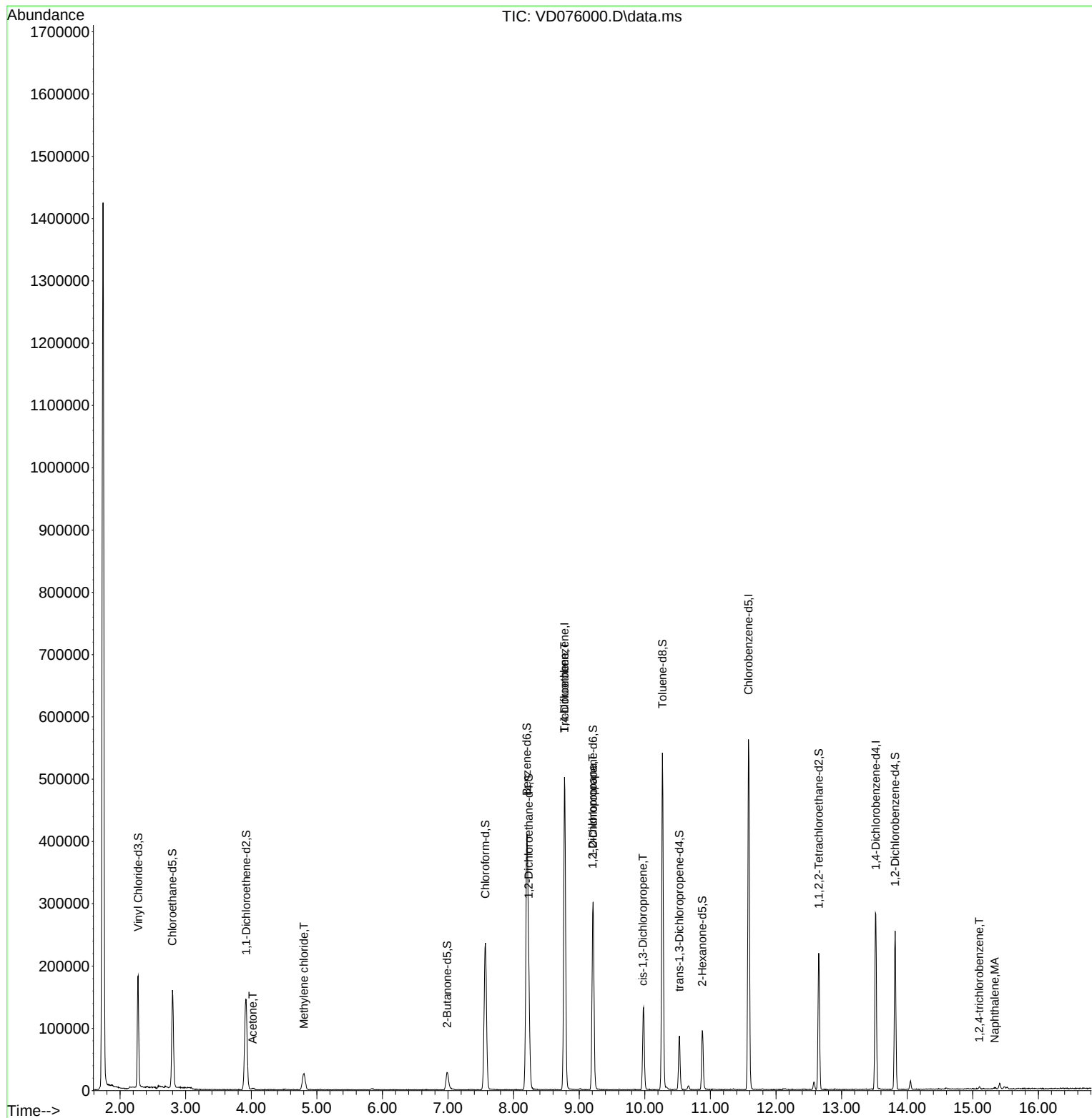
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 486253   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 358619   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 87708    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 173323   | 16.248   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.000%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 171198   | 18.575   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.280%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 41729    | 16.968   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 67.880%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 47110    | 50.873   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.740% |
| 24) Chloroform-d              | 7.569  | 84    | 265208   | 21.811   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 87.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 113529   | 21.863   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.440%  |
| 32) Benzene-d6                | 8.199  | 84    | 474322   | 22.693   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 90.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 162487   | 28.086   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 112.360% |
| 41) Toluene-d8                | 10.269 | 98    | 386399   | 19.746   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 79.000%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 51017    | 21.334   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 85.320%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 36875    | 52.935   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 115104   | 26.000   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 104.000% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 74144    | 23.899   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.022  | 43    | 2675     | 3.375    | ug/L   | 88       |
| 16) Methylene chloride        | 4.805  | 84    | 22847    | 2.316    | ug/L   | 85       |
| 34) Trichloroethene           | 8.775  | 95    | 11632    | 2.074    | ug/L # | 2        |
| 37) 1,2-Dichloropropane       | 9.205  | 63    | 16286    | 3.268    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.969  | 75    | 3548     | 0.448    | ug/L   | 92       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180   | 1303     | 0.422    | ug/L   | 97       |
| 71) Naphthalene               | 15.334 | 128   | 3290     | 0.582    | ug/L # | 72       |
| -----                         |        |       |          |          |        |          |

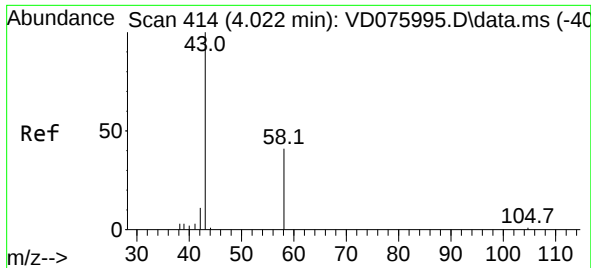
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Fri May 05 00:35:29 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 3.375 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD076000.D

Acq: 04 May 2023 13:06

Instrument :

MSVOA\_D

ClientSampleId :

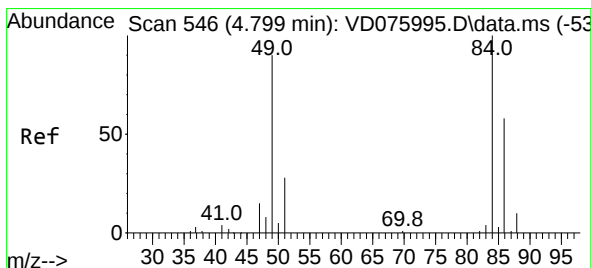
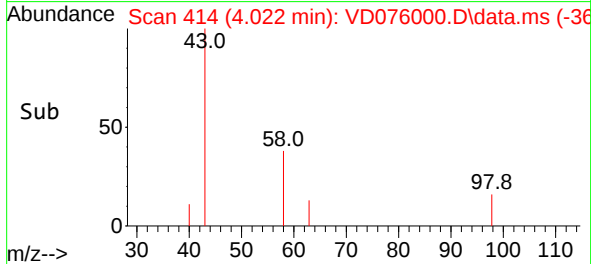
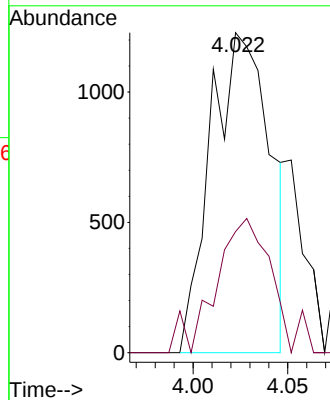
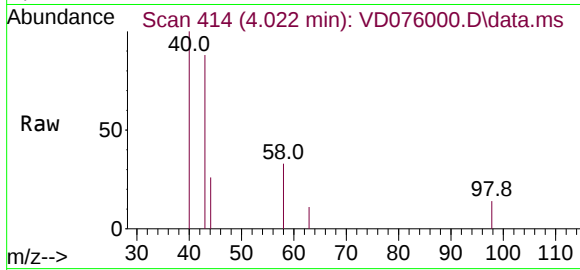
JREC7

Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

58 36.2 0.0 87.4



#16

Methylene chloride

Concen: 2.316 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD076000.D

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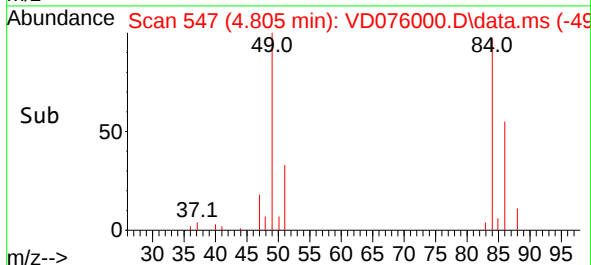
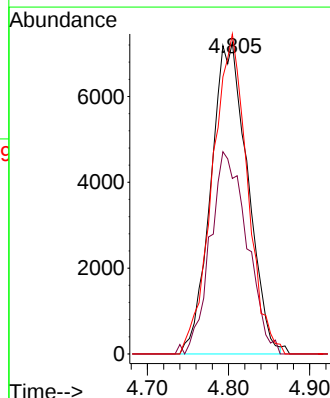
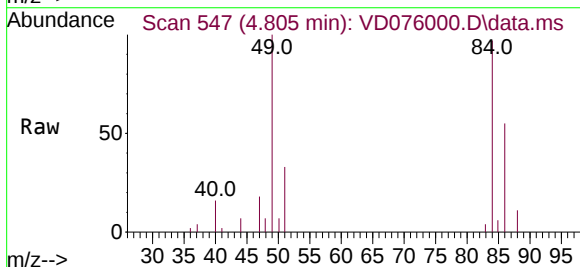
Tgt Ion: 84 Resp: 22847

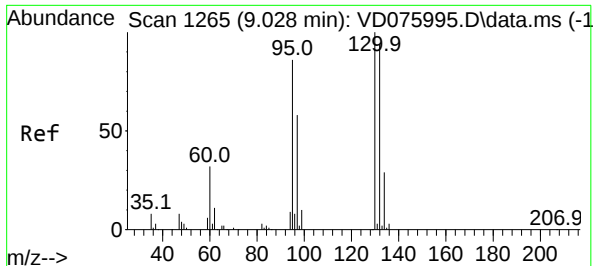
Ion Ratio Lower Upper

84 100

86 56.3 45.8 85.2

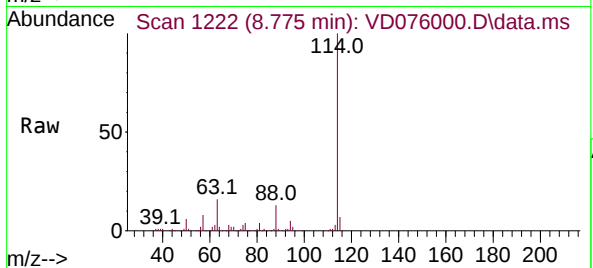
49 102.7 60.8 112.8



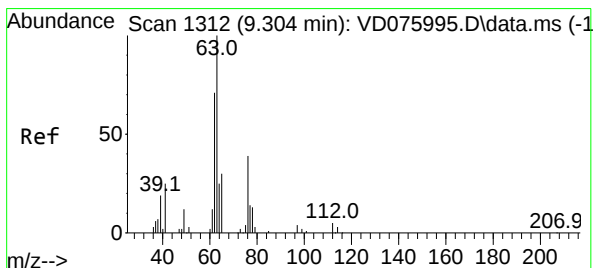
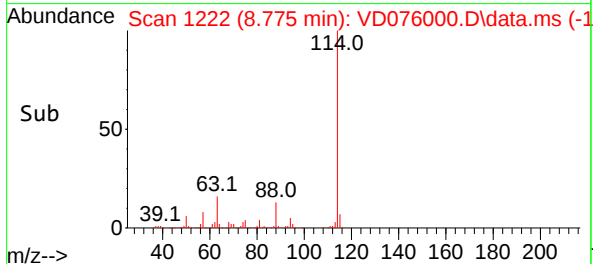
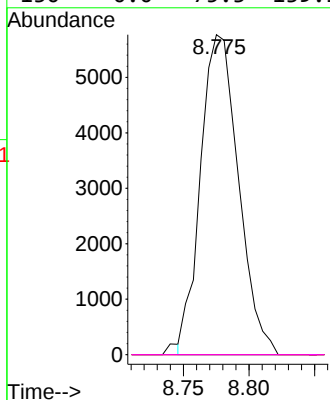


#34  
 Trichloroethene  
 Concen: 2.074 ug/L  
 RT: 8.775 min Scan# 11632  
 Delta R.T. -0.253 min  
 Lab File: VD076000.D  
 Acq: 04 May 2023 13:06

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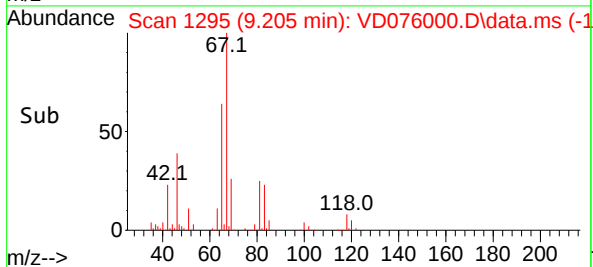
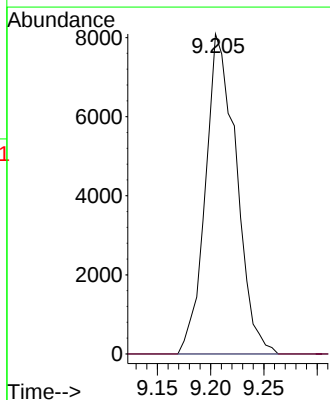
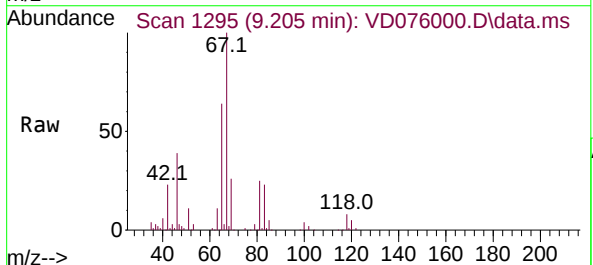


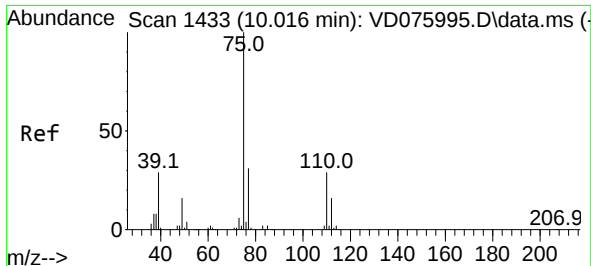
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 95      | 100   |       |        |
| 97      | 0.0   | 46.0  | 85.4#  |
| 132     | 0.0   | 73.3  | 136.1# |
| 130     | 0.0   | 75.3  | 139.9# |



#37  
 1,2-Dichloropropane  
 Concen: 3.268 ug/L  
 RT: 9.205 min Scan# 1295  
 Delta R.T. -0.100 min  
 Lab File: VD076000.D  
 Acq: 04 May 2023 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 4.0   | 6.0#  |

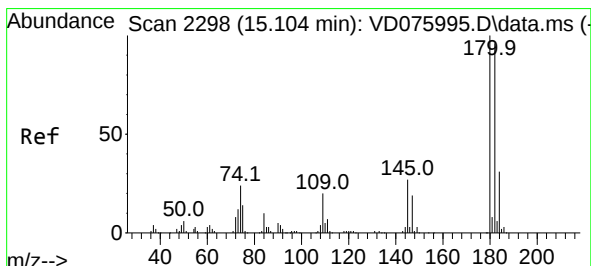
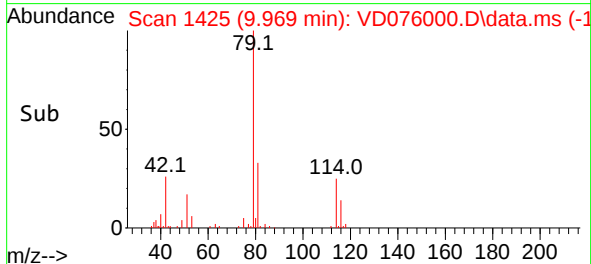
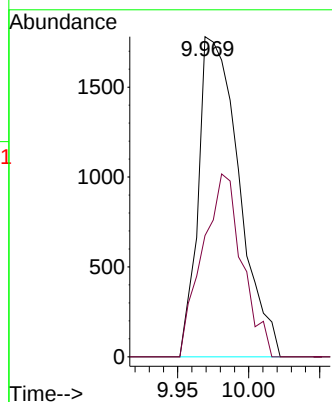
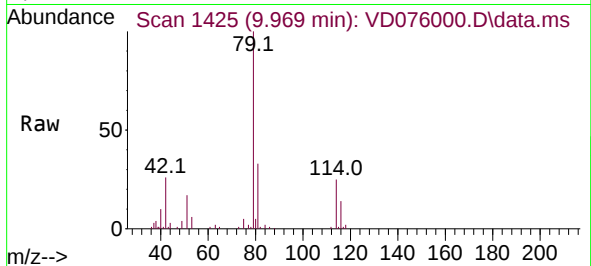




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.448 ug/L  
 RT: 9.969 min Scan# 1433  
 Delta R.T. -0.047 min  
 Lab File: VD076000.D  
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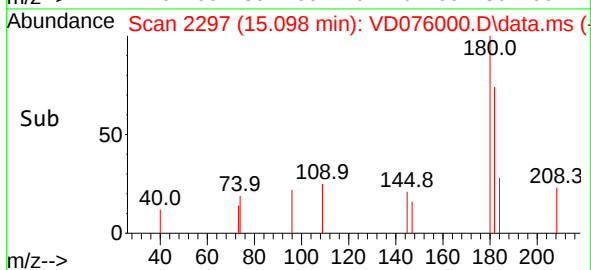
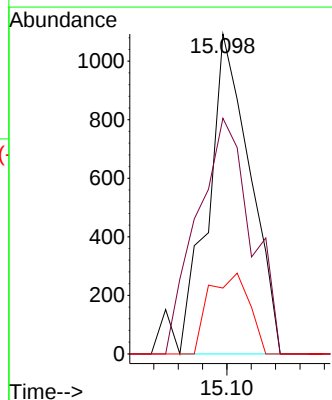
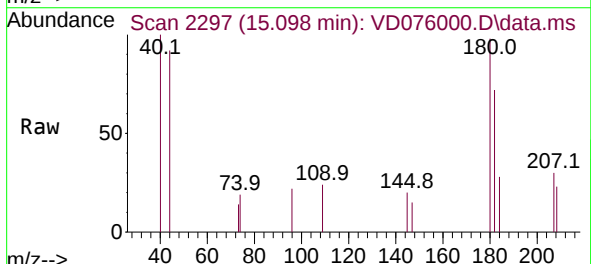
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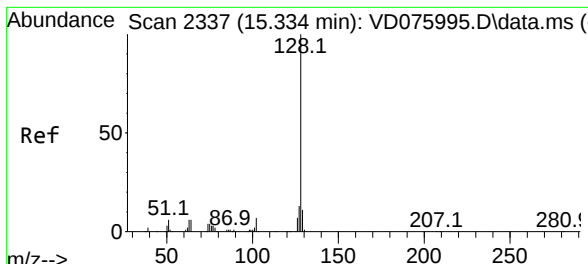
Tgt Ion: 75 Resp: 3548  
 Ion Ratio Lower Upper  
 75 100  
 77 37.8 23.4 43.6



#70  
 1,2,4-trichlorobenzene  
 Concen: 0.422 ug/L  
 RT: 15.098 min Scan# 2297  
 Delta R.T. -0.006 min  
 Lab File: VD076000.D  
 Acq: 04 May 2023 13:06

Tgt Ion: 180 Resp: 1303  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 75.4 113.2  
 145 24.3 23.6 35.4





#71  
 Naphthalene  
 Concen: 0.582 ug/L  
 RT: 15.334 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD076000.D  
 Acq: 04 May 2023 13:06

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JREC7

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3290  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 2.7   | 10.5  | 15.7# |
| 129      | 0.0   | 9.1   | 13.7# |

