

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050323\  
 Data File : VD075980.D  
 Acq On : 03 May 2023 13:49  
 Operator : KP/SY  
 Sample : 02591-03  
 Misc : 4.78G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: May 04 03:08:07 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 04 02:54:49 2023  
 Response via : Initial Calibration

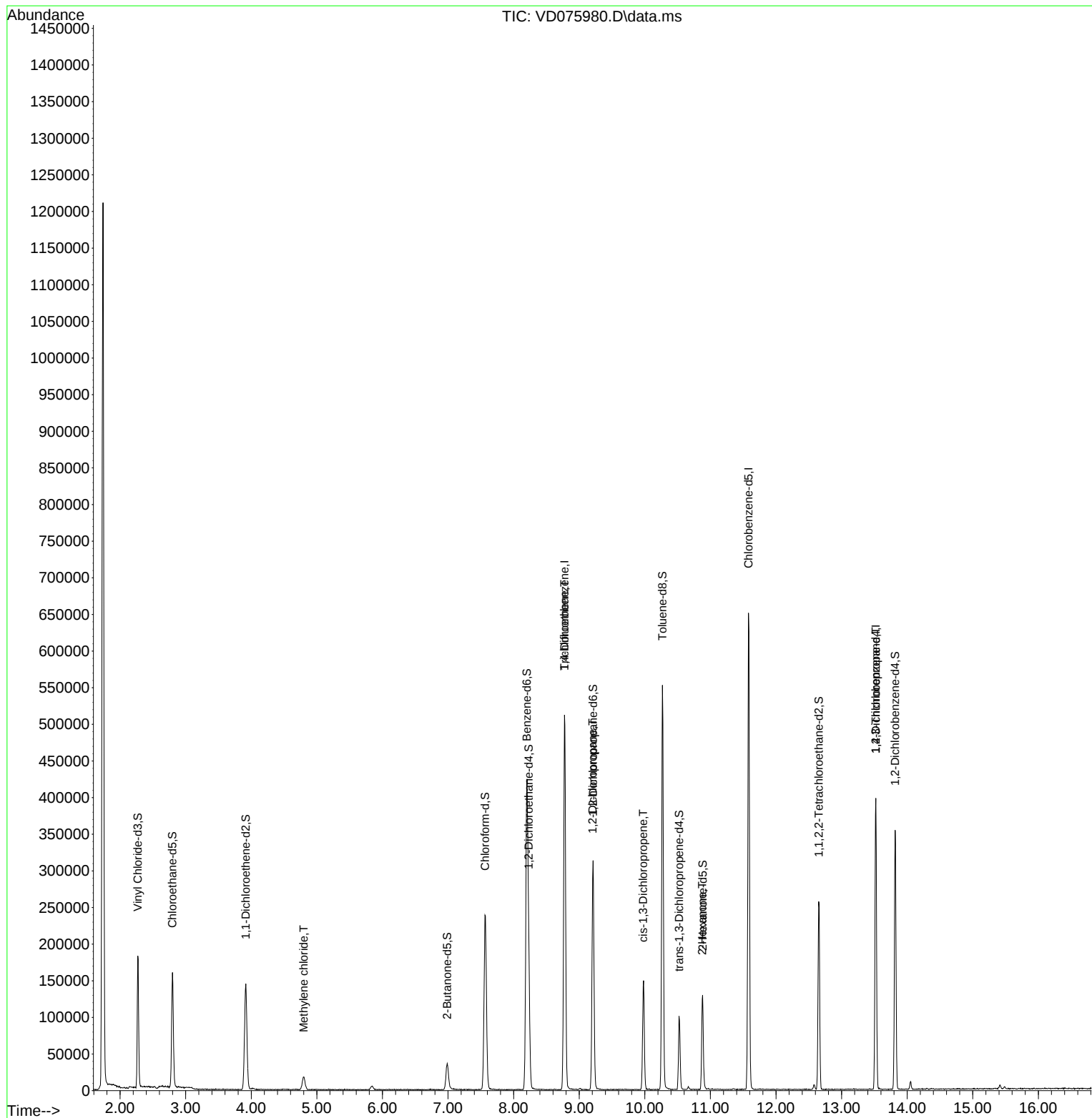
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 507171   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 415002   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 121104   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 171640   | 15.427   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.720%  |
| 7) Chloroethane-d5            | 2.799  | 69    | 170754   | 17.763   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.040%  |
| 11) 1,1-Dichloroethene-d2     | 3.917  | 65    | 38447    | 14.989   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 59.960%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 60573    | 62.713   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 125.420% |
| 24) Chloroform-d              | 7.563  | 84    | 261276   | 20.601   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 82.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 119718   | 22.104   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 88.400%  |
| 32) Benzene-d6                | 8.199  | 84    | 485839   | 20.086   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 80.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 167524   | 25.022   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.080% |
| 41) Toluene-d8                | 10.269 | 98    | 403398   | 17.814   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 71.240%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 58957    | 21.305   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 85.200%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 47472    | 58.889   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 117.780% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 139576   | 27.244   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 108.960% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 107054   | 24.992   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 99.960%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 4.799  | 84    | 15354    | 1.492    | ug/L   | 97       |
| 34) Trichloroethene           | 8.775  | 95    | 12784    | 1.969    | ug/L # | 2        |
| 37) 1,2-Dichloropropane       | 9.205  | 63    | 16803    | 2.914    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 9.975  | 75    | 3546     | 0.387    | ug/L # | 67       |
| 48) 2-Hexanone                | 10.875 | 43    | 4749     | 3.204    | ug/L # | 55       |
| 61) 1,2,3-Trichloropropane    | 13.522 | 75    | 13503    | 7.098    | ug/L # | 60       |
| -----                         |        |       |          |          |        |          |

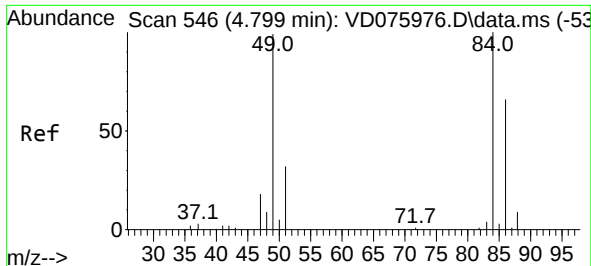
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA\_D  
ClientSampleId :

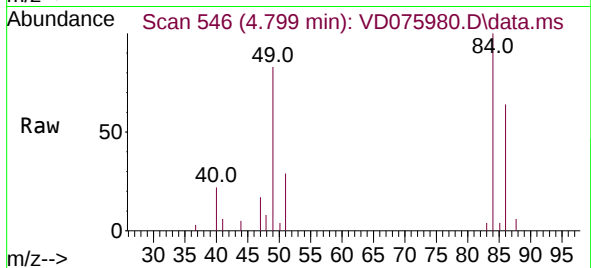
Quant Time: May 04 03:08:07 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu May 04 02:54:49 2023  
Response via : Initial Calibration



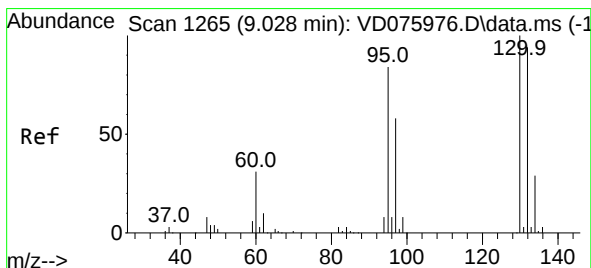
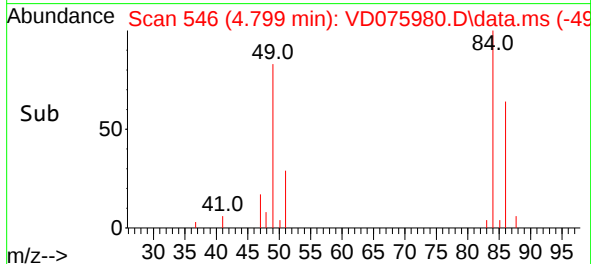
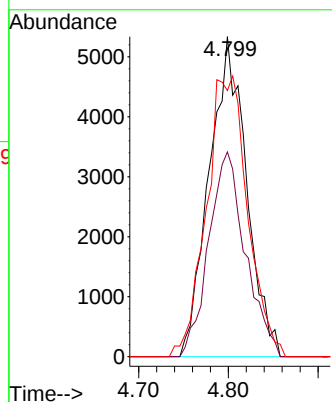


#16  
Methylene chloride  
Concen: 1.492 ug/L  
RT: 4.799 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VD075980.D  
Acq: 03 May 2023 13:49

Instrument :  
MSVOA\_D  
ClientSampleId :

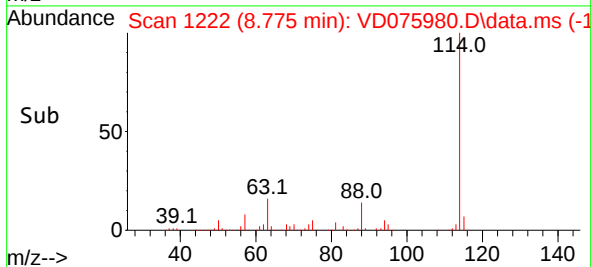
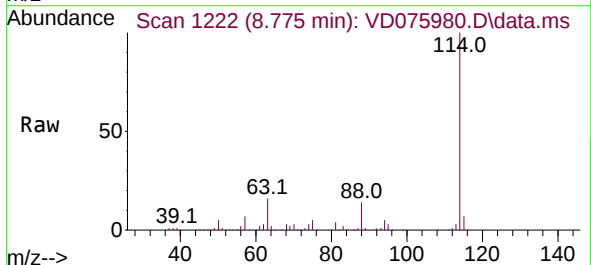
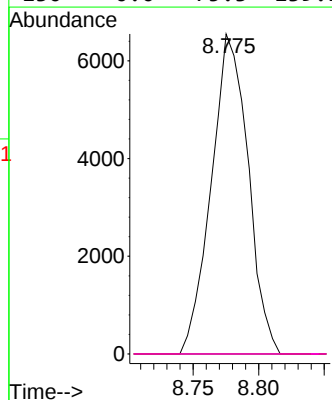


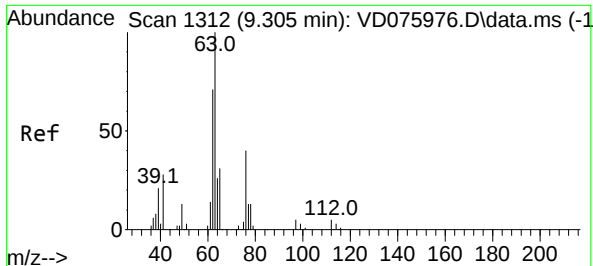
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 15354 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 64.0  | 45.8  | 85.2  |
| 49       | 83.2  | 60.8  | 112.8 |



#34  
Trichloroethene  
Concen: 1.969 ug/L  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.253 min  
Lab File: VD075980.D  
Acq: 03 May 2023 13:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 12784  |
| 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: 2.914 ug/L

RT: 9.205 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD075980.D

Acq: 03 May 2023 13:49

Instrument :

MSVOA\_D

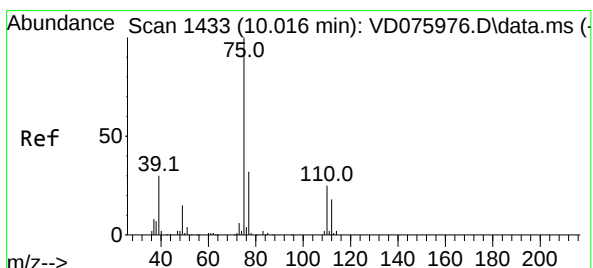
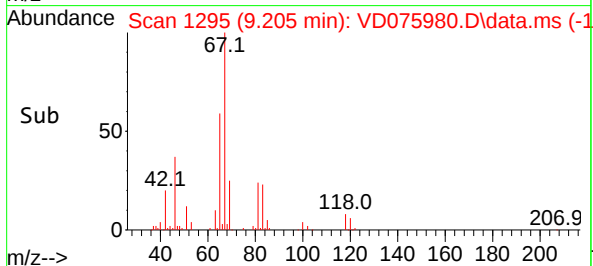
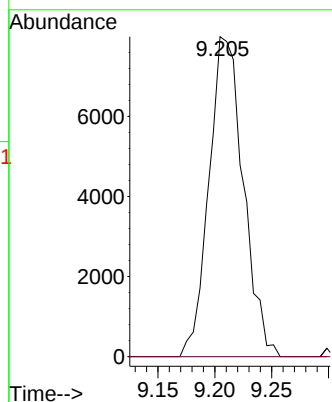
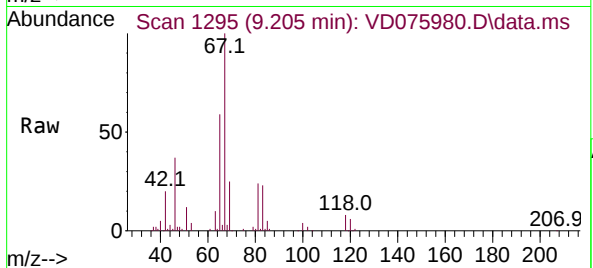
ClientSampleId :

Tgt Ion: 63 Resp: 16803

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD075980.D

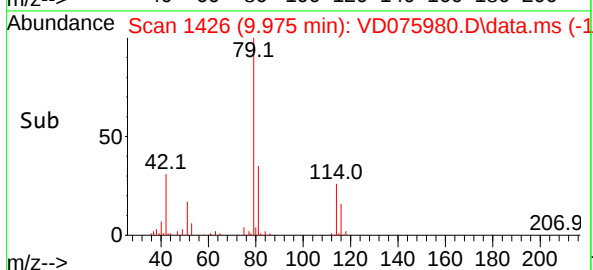
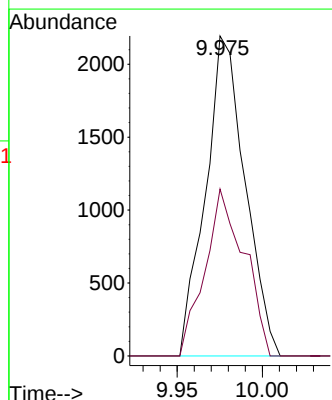
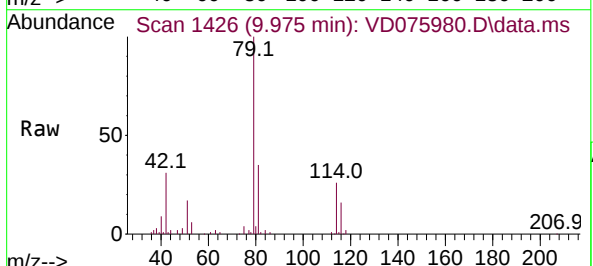
Acq: 03 May 2023 13:49

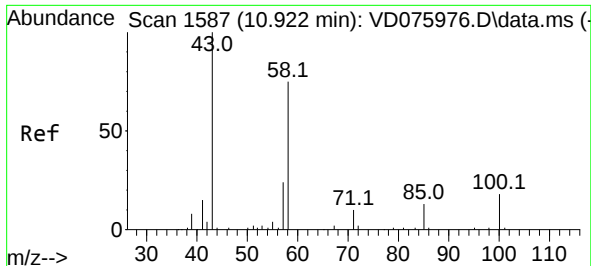
Tgt Ion: 75 Resp: 3546

Ion Ratio Lower Upper

75 100

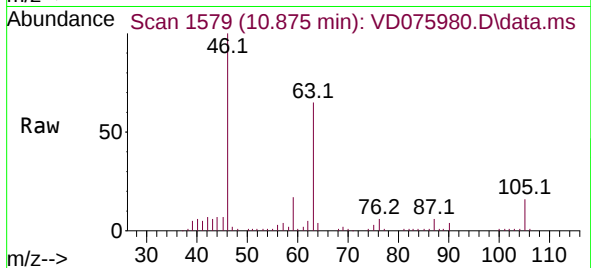
77 52.1 23.4 43.6#



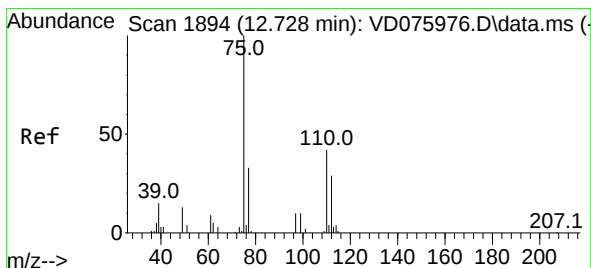
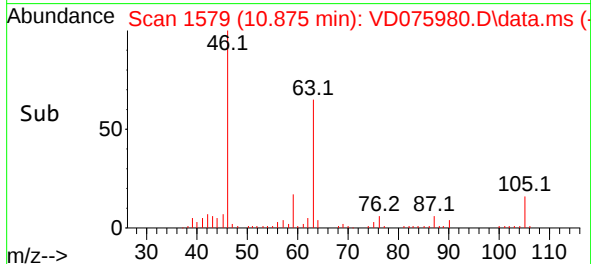
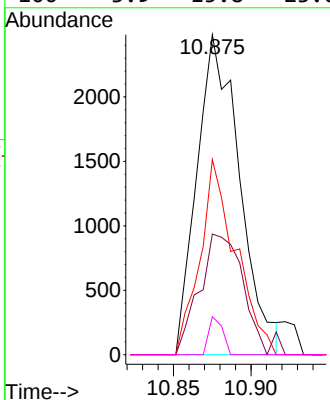


#48  
2-Hexanone  
Concen: 3.204 ug/L  
RT: 10.875 min Scan# 11  
Delta R.T. -0.047 min  
Lab File: VD075980.D  
Acq: 03 May 2023 13:49

Instrument :  
MSVOA\_D  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4749  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 38.1  | 59.7  | 89.5# |
| 57       | 51.1  | 17.9  | 26.9# |
| 100      | 3.9   | 15.8  | 23.6# |



#61  
1,2,3-Trichloropropane  
Concen: 7.098 ug/L  
RT: 13.522 min Scan# 2029  
Delta R.T. 0.794 min  
Lab File: VD075980.D  
Acq: 03 May 2023 13:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 13503 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 27.9  | 26.6  | 39.8  |
| 110      | 1.7   | 33.5  | 50.3# |

