

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121823\  
 Data File : VD077957.D  
 Acq On : 18 Dec 2023 19:41  
 Operator : RP/MD  
 Sample : 05808-19  
 Misc : 4.03G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 18 23:20:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Dec 18 23:16:23 2023  
 Response via : Initial Calibration

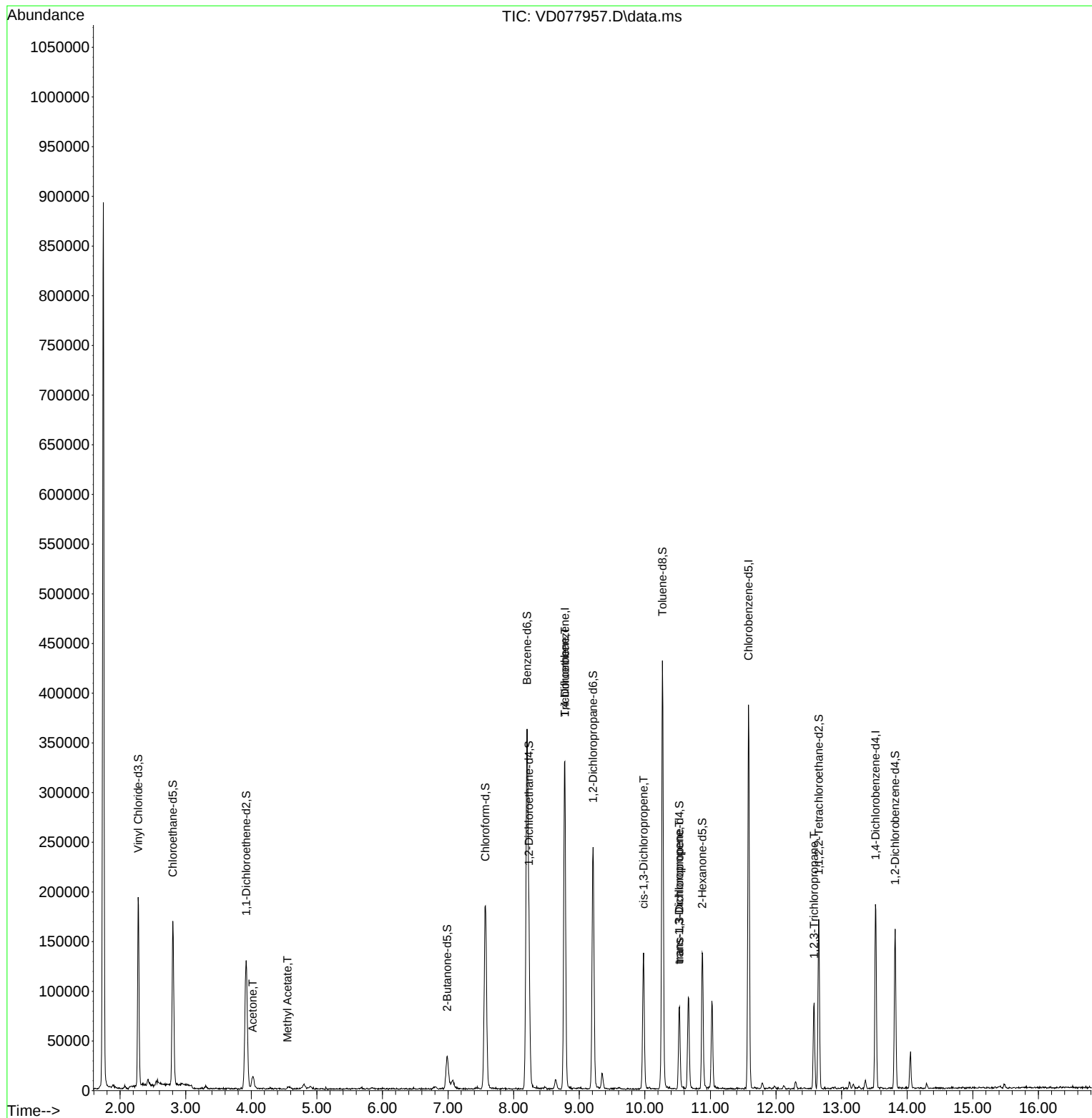
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 303869   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 222254   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 51370    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 178664   | 21.560   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.240%   |
| 7) Chloroethane-d5            | 2.805  | 69    | 171923   | 26.029   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 104.120%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 38649    | 17.988   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 71.960%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 55059    | 52.572   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 105.140%  |
| 24) Chloroform-d              | 7.569  | 84    | 200104   | 24.433   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 97.720%   |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 108948   | 26.256   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 105.040%  |
| 32) Benzene-d6                | 8.204  | 84    | 381055   | 28.468   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 113.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 123751   | 30.300   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 121.200%# |
| 41) Toluene-d8                | 10.269 | 98    | 299068   | 24.274   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.080%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 48581    | 26.899   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 107.600%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 49383    | 70.169   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 140.340%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 87201    | 29.546   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 118.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 43776    | 23.821   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.280%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.022  | 43    | 20402    | 15.204   | ug/L   | 96        |
| 15) Methyl Acetate            | 4.552  | 43    | 1342     | 0.699    | ug/L   | 94        |
| 34) Trichloroethene           | 8.781  | 95    | 8824     | 2.457    | ug/L # | 5         |
| 39) cis-1,3-Dichloropropene   | 9.981  | 75    | 3555     | 0.604    | ug/L # | 43        |
| 44) trans-1,3-Dichloropropene | 10.522 | 75    | 2588     | 0.526    | ug/L # | 81        |
| 61) 1,2,3-Trichloropropane    | 12.581 | 75    | 477      | 0.505    | ug/L # | 83        |
| -----                         |        |       |          |          |        |           |

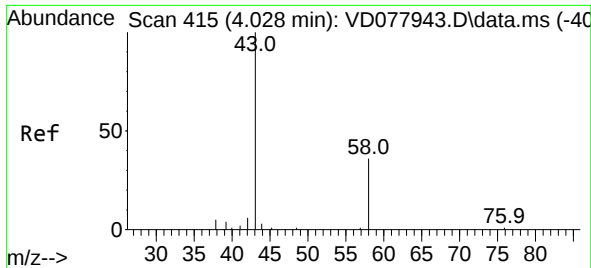
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Dec 18 23:16:23 2023  
Response via : Initial Calibration

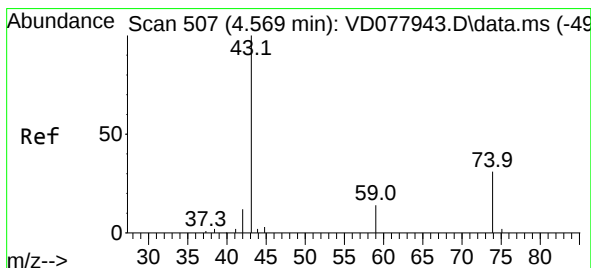
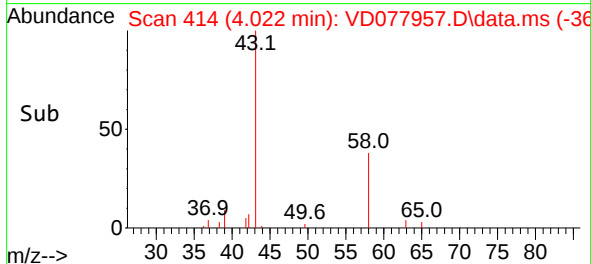
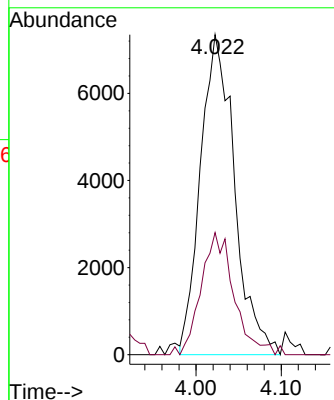
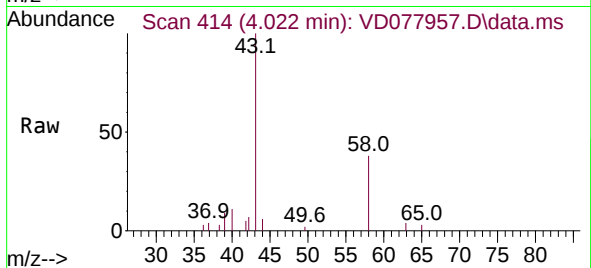




#13  
Acetone  
Concen: 15.204 ug/L  
RT: 4.022 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD077957.D  
Acq: 18 Dec 2023 19:41

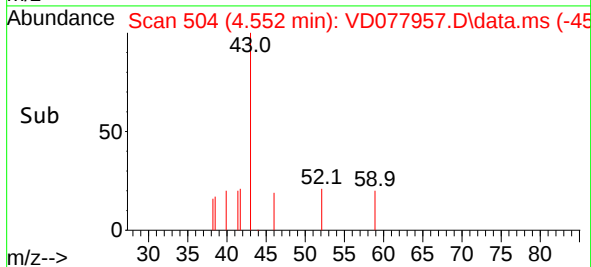
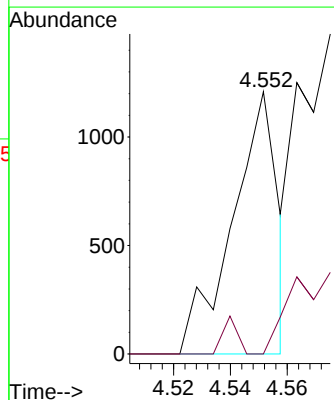
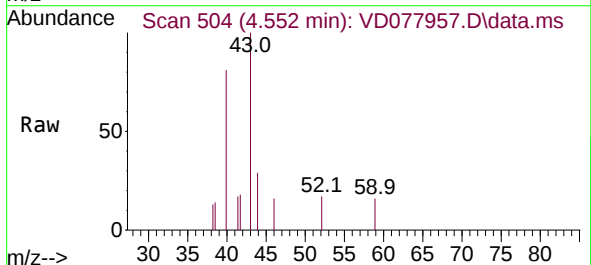
Instrument :  
MSVOA\_D  
ClientSampleId :

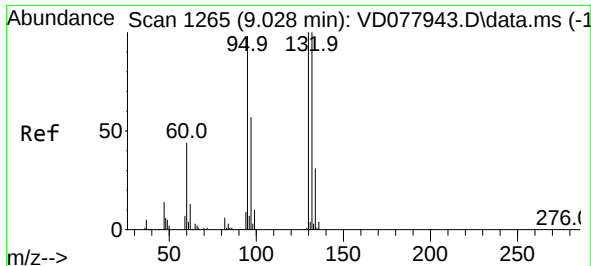
Tgt Ion: 43 Resp: 20402  
Ion Ratio Lower Upper  
43 100  
58 35.6 0.0 67.2



#15  
Methyl Acetate  
Concen: 0.699 ug/L  
RT: 4.552 min Scan# 504  
Delta R.T. -0.018 min  
Lab File: VD077957.D  
Acq: 18 Dec 2023 19:41

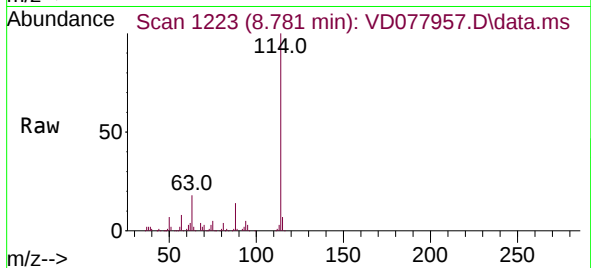
Tgt Ion: 43 Resp: 1342  
Ion Ratio Lower Upper  
43 100  
74 20.4 18.6 27.8



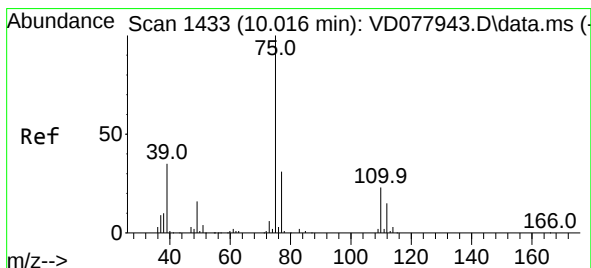
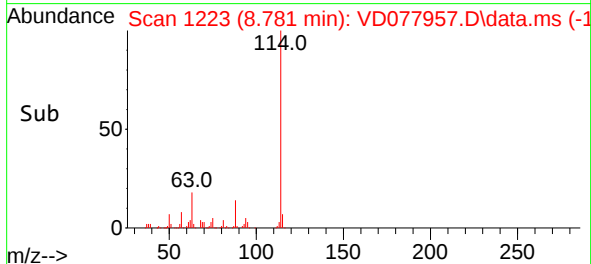
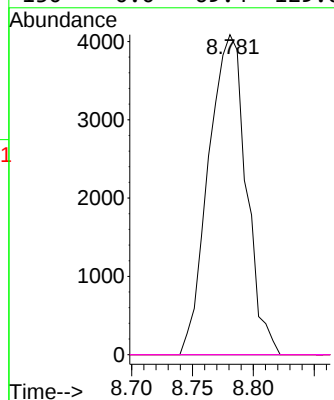


#34  
Trichloroethene  
Concen: 2.457 ug/L  
RT: 8.781 min Scan# 11  
Delta R.T. -0.247 min  
Lab File: VD077957.D  
Acq: 18 Dec 2023 19:41

Instrument :  
MSVOA\_D  
ClientSampleId :

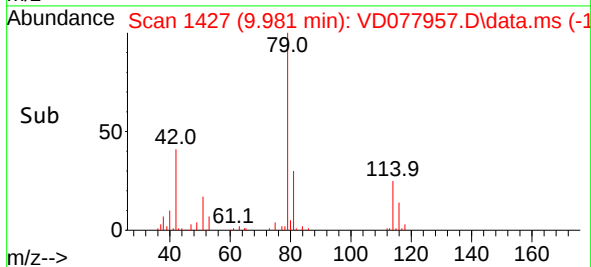
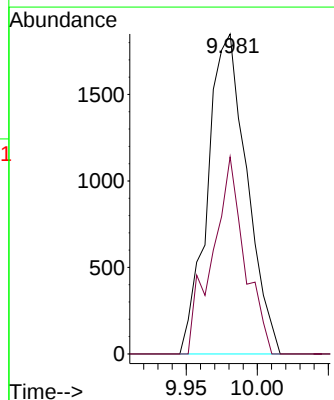
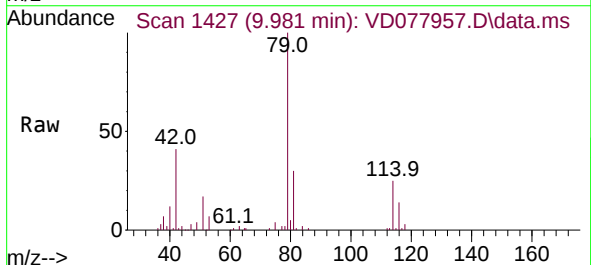


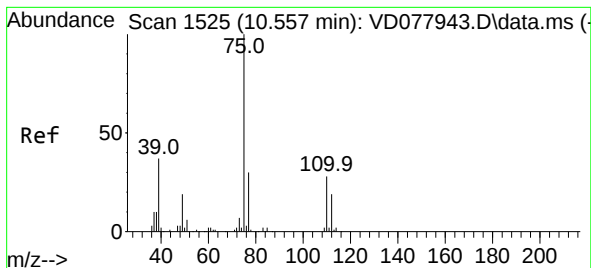
Tgt Ion: 95 Resp: 8824  
Ion Ratio Lower Upper  
95 100  
97 0.0 44.2 82.0#  
132 0.0 67.5 125.3#  
130 0.0 69.4 129.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.604 ug/L  
RT: 9.981 min Scan# 1427  
Delta R.T. -0.035 min  
Lab File: VD077957.D  
Acq: 18 Dec 2023 19:41

Tgt Ion: 75 Resp: 3555  
Ion Ratio Lower Upper  
75 100  
77 61.6 21.2 39.4#





#44

trans-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.035 min

Lab File: VD077957.D

Acq: 18 Dec 2023 19:41

Instrument :

MSVOA\_D

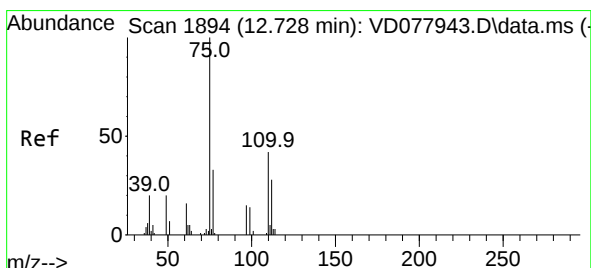
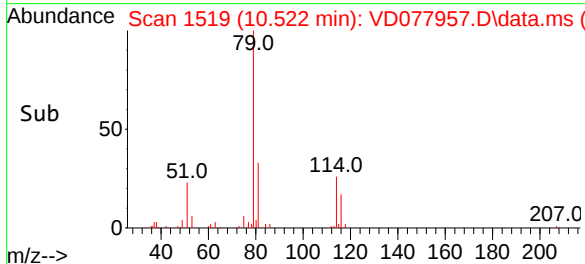
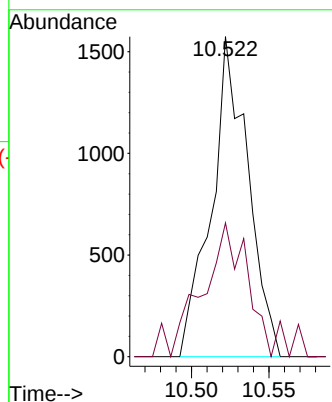
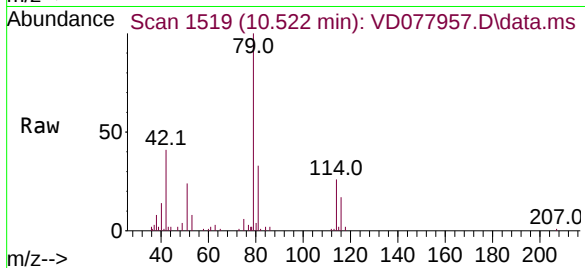
ClientSampleId :

Tgt Ion: 75 Resp: 2588

Ion Ratio Lower Upper

75 100

77 41.8 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 0.505 ug/L

RT: 12.581 min Scan# 1869

Delta R.T. -0.147 min

Lab File: VD077957.D

Acq: 18 Dec 2023 19:41

Tgt Ion: 75 Resp: 477

Ion Ratio Lower Upper

75 100

77 22.2 26.8 40.2#

110 32.9 33.4 50.2#

