

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD042623\  
 Data File : VD075840.D  
 Acq On : 26 Apr 2023 17:39  
 Operator : KP/SY  
 Sample : VD0426SBL02  
 Misc : 5.00G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VBLK117

Quant Time: Apr 27 02:05:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM042023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 27 02:02:18 2023  
 Response via : Initial Calibration

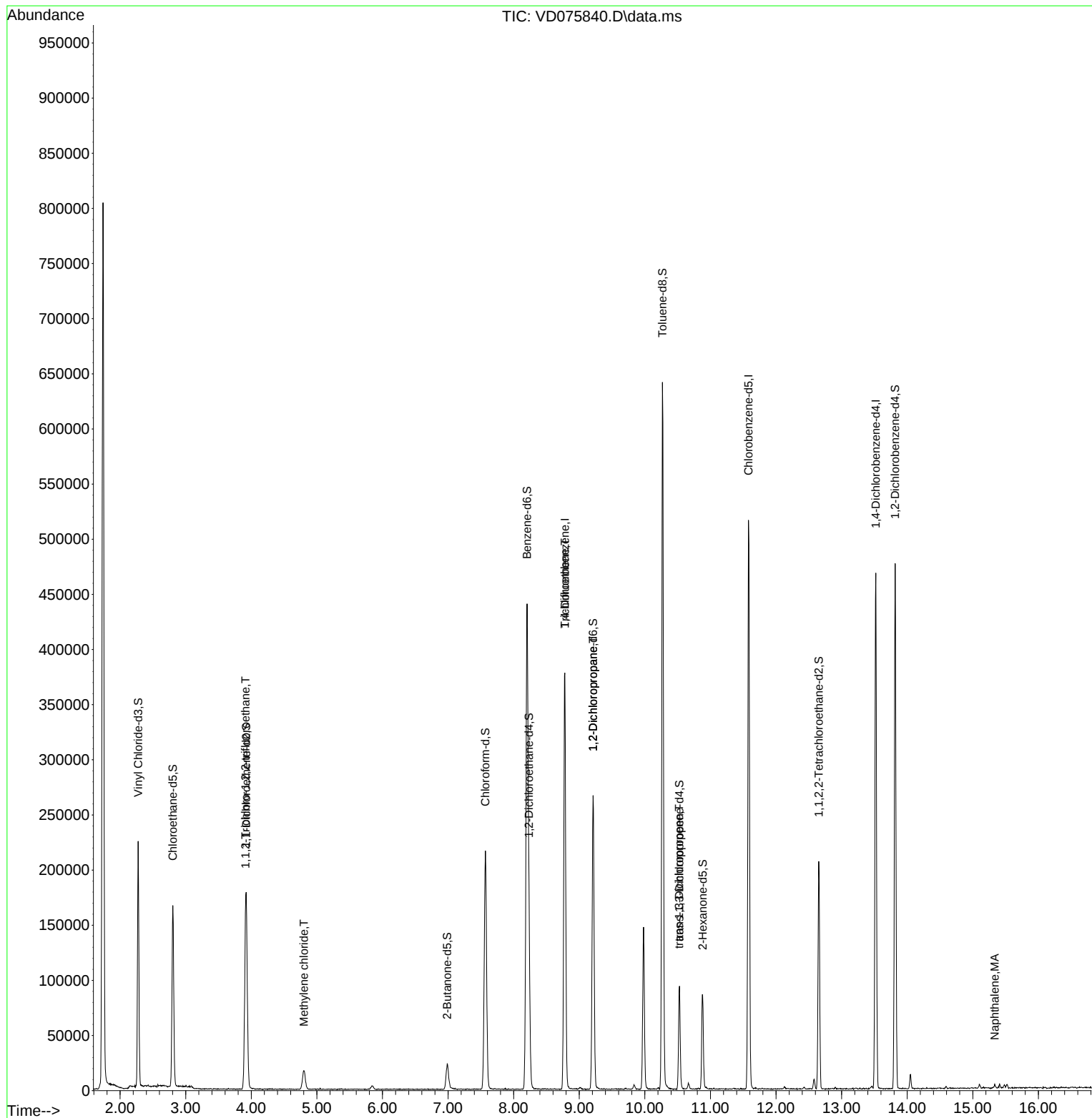
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 375622              | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 340147              | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 140262              | 25.000 | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 2.275          | 65   | 209834              | 25.465 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 101.840% |        |        |          |
| 7) Chloroethane-d5            | 2.805          | 69   | 178687              | 25.098 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 100.400% |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.922          | 65   | 49769               | 26.198 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 104.800% |        |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 38731               | 54.143 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 108.280% |        |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 234530              | 24.968 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 99.880%  |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 104638              | 26.086 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 104.360% |        |        |          |
| 32) Benzene-d6                | 8.204          | 84   | 504609              | 25.453 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 101.800% |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 144066              | 26.254 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 105.000% |        |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 469744              | 25.309 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 101.240% |        |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 56327               | 24.834 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 99.320%  |        |        |          |
| 47) 2-Hexanone-d5             | 10.881         | 63   | 33598               | 50.850 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 101.700% |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 109187              | 26.003 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 104.000% |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 138952              | 28.008 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 112.040% |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.910          | 101  | 1469                | 0.288  | ug/L # | 21       |
| 16) Methylene chloride        | 4.805          | 84   | 15675               | 2.057  | ug/L   | 92       |
| 34) Trichloroethene           | 8.781          | 95   | 9876                | 1.856  | ug/L # | 2        |
| 37) 1,2-Dichloropropane       | 9.210          | 63   | 14090               | 2.981  | ug/L # | 85       |
| 44) trans-1,3-Dichloropropene | 10.522         | 75   | 2852                | 0.472  | ug/L # | 73       |
| 71) Naphthalene               | 15.333         | 128  | 3642                | 0.403  | ug/L # | 87       |
| -----                         |                |      |                     |        |        |          |

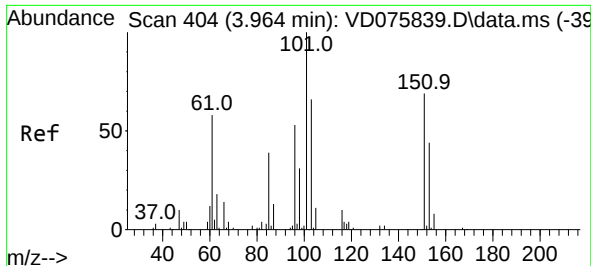
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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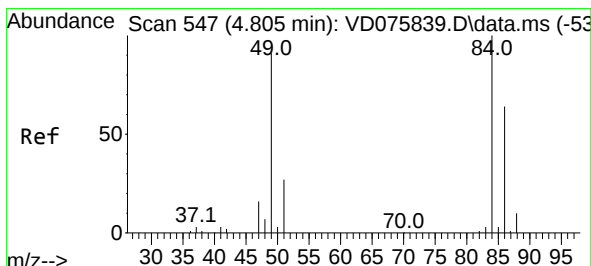
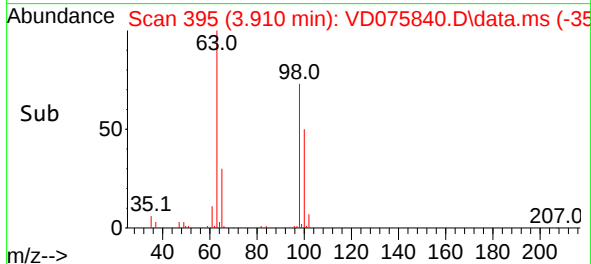
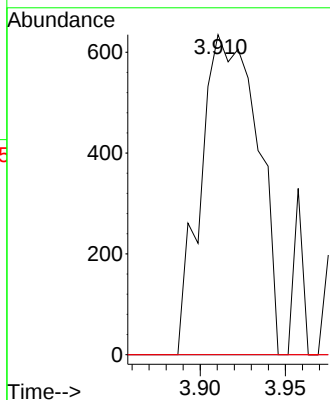
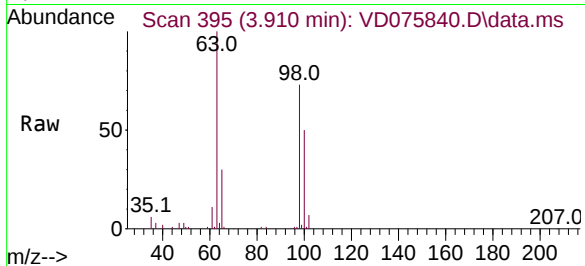




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.288 ug/L  
RT: 3.910 min Scan# 395  
Delta R.T. -0.053 min  
Lab File: VD075840.D  
Acq: 26 Apr 2023 17:39

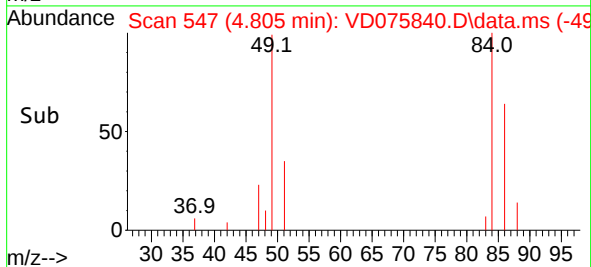
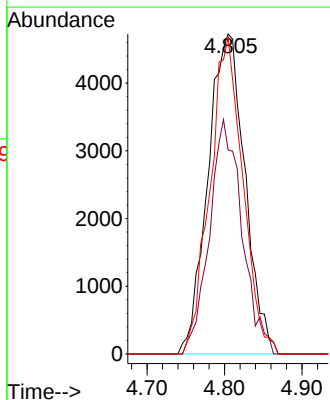
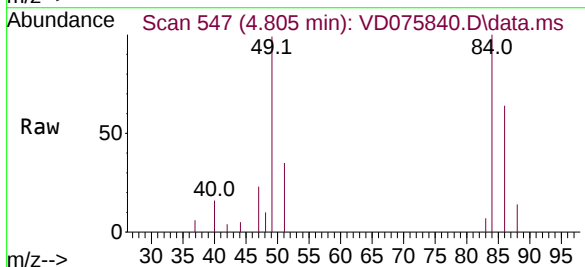
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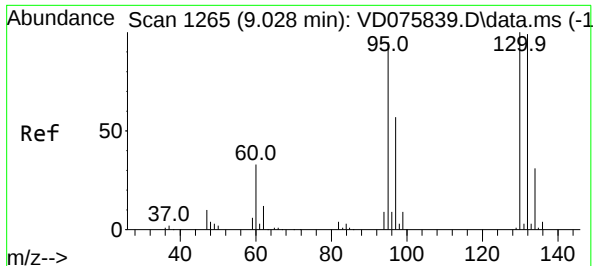
Tgt Ion:101 Resp: 1469  
Ion Ratio Lower Upper  
101 100  
85 0.0 32.9 49.3#  
151 0.0 57.2 85.8#



#16  
Methylene chloride  
Concen: 2.057 ug/L  
RT: 4.805 min Scan# 547  
Delta R.T. -0.000 min  
Lab File: VD075840.D  
Acq: 26 Apr 2023 17:39

Tgt Ion: 84 Resp: 15675  
Ion Ratio Lower Upper  
84 100  
86 63.7 45.8 85.2  
49 99.0 60.8 112.8

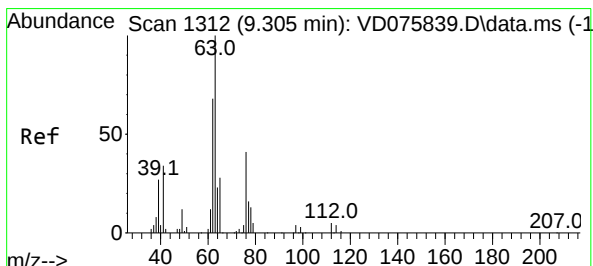
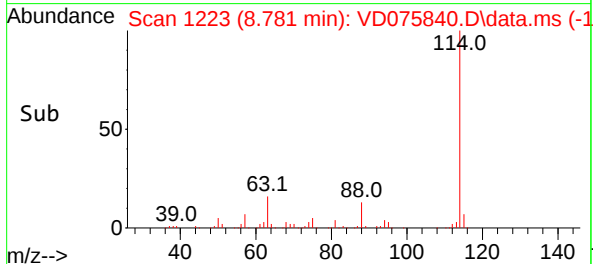
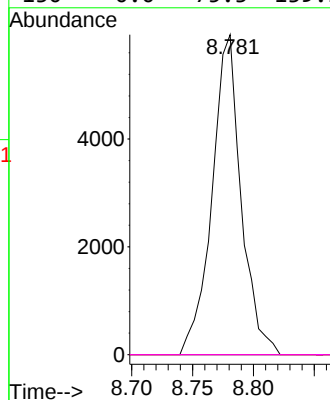
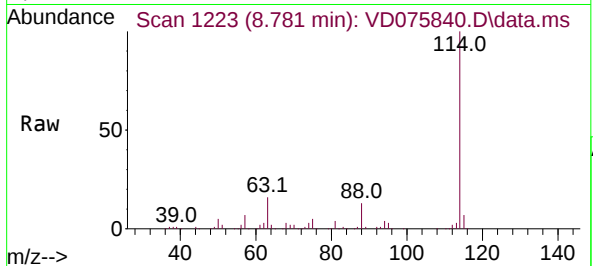




#34  
 Trichloroethene  
 Concen: 1.856 ug/L  
 RT: 8.781 min Scan# 11  
 Delta R.T. -0.247 min  
 Lab File: VD075840.D  
 Acq: 26 Apr 2023 17:39

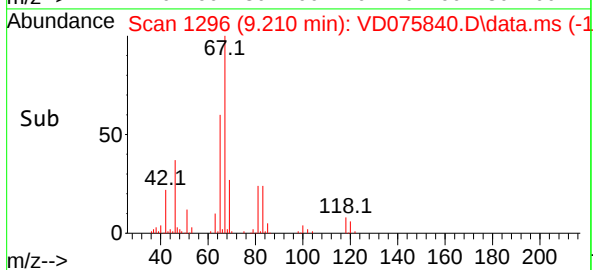
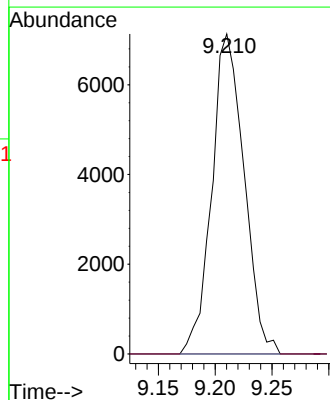
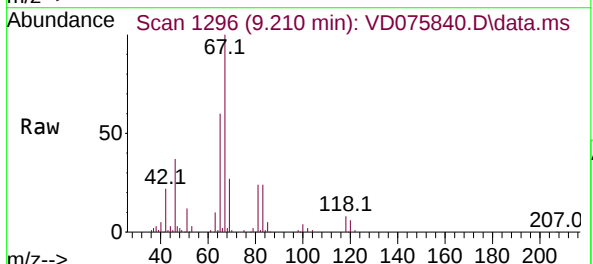
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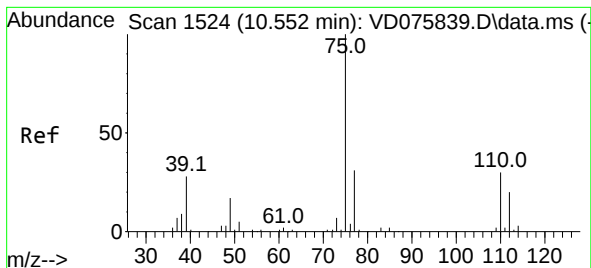
|             |                 |
|-------------|-----------------|
| Tgt Ion: 95 | Resp: 9876      |
| Ion Ratio   | Lower Upper     |
| 95          | 100             |
| 97          | 0.0 46.0 85.4#  |
| 132         | 0.0 73.3 136.1# |
| 130         | 0.0 75.3 139.9# |



#37  
 1,2-Dichloropropane  
 Concen: 2.981 ug/L  
 RT: 9.210 min Scan# 1296  
 Delta R.T. -0.094 min  
 Lab File: VD075840.D  
 Acq: 26 Apr 2023 17:39

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 14090  |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 4.0 6.0# |





#44

trans-1,3-Dichloropropene

Concen: 0.472 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.030 min

Lab File: VD075840.D

Acq: 26 Apr 2023 17:39

Instrument :

MSVOA\_D

ClientSampleId :

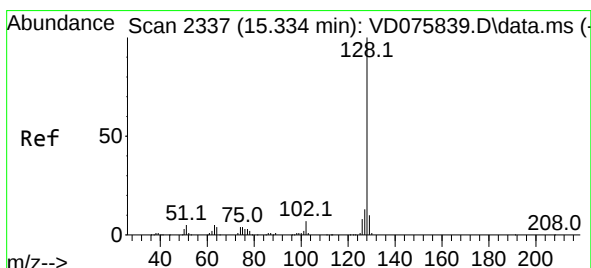
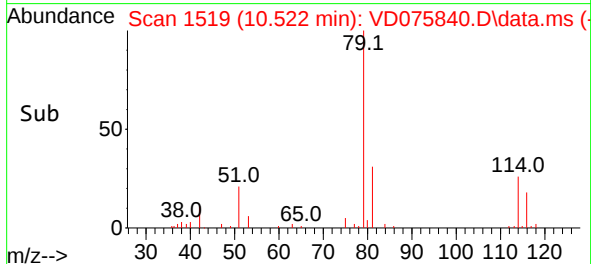
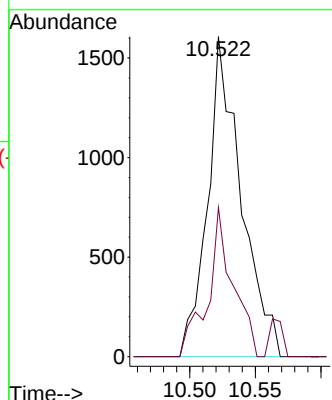
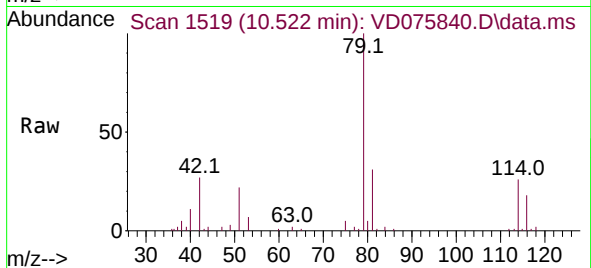
VBLK117

Tgt Ion: 75 Resp: 2852

Ion Ratio Lower Upper

75 100

77 46.6 22.0 41.0#



#71

Naphthalene

Concen: 0.403 ug/L

RT: 15.333 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD075840.D

Acq: 26 Apr 2023 17:39

Tgt Ion:128 Resp: 3642

Ion Ratio Lower Upper

128 100

127 8.9 10.5 15.7#

129 5.6 9.1 13.7#

