

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111424\  
 Data File : VU061689.D  
 Acq On : 14 Nov 2024 23:04  
 Operator : MD/SY  
 Sample : P4803-06DL 2X  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 A0AQ1DL

Quant Time: Nov 15 03:22:54 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 15 03:17:58 2024  
 Response via : Initial Calibration

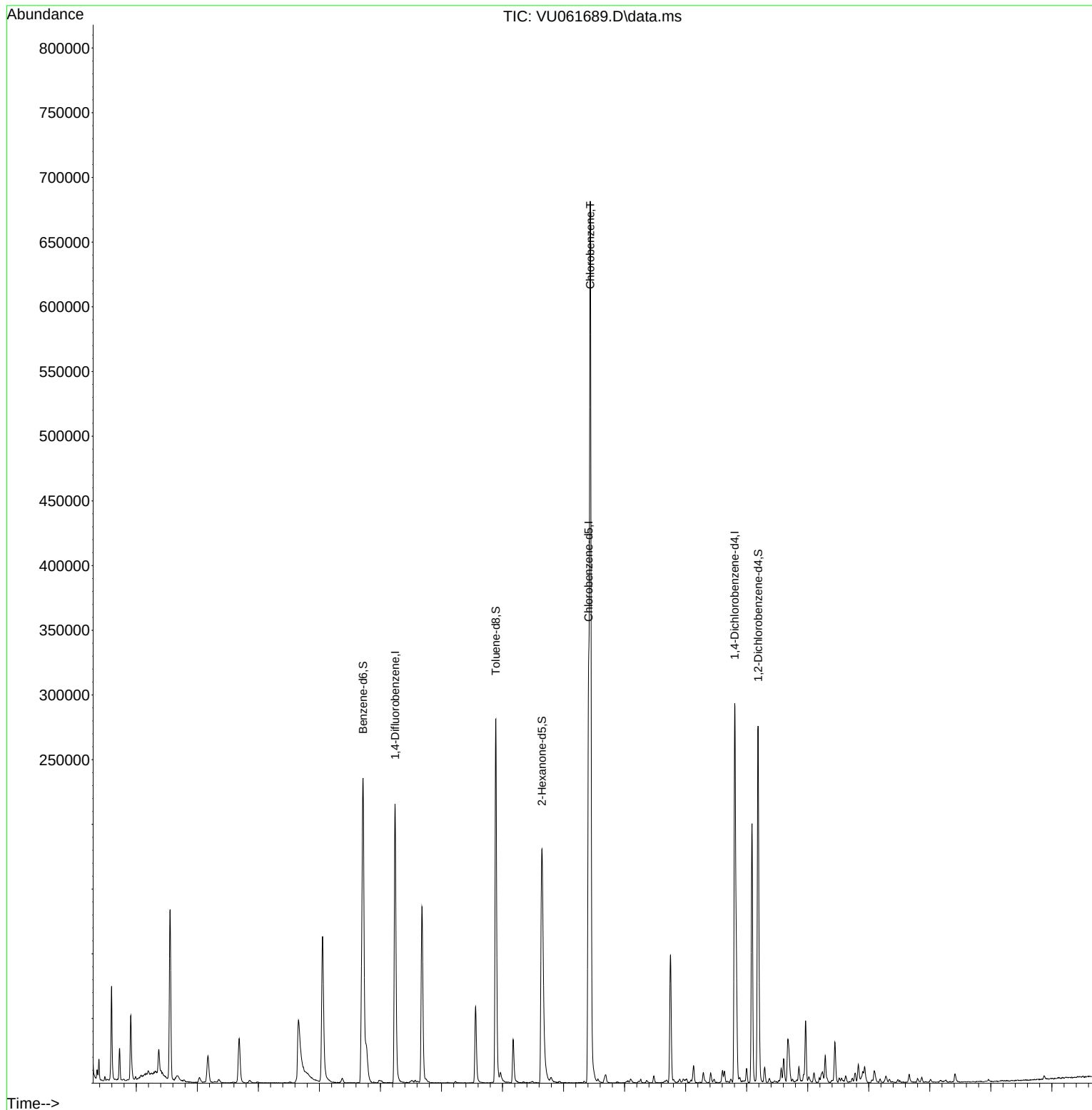
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.239  | 114   | 190962   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 174467   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 81254    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 48603    | 3.939    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 78.800%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 42091    | 3.996    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.554  | 65    | 24606    | 4.445    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 88.800%  |
| 20) 2-Butanone-d5             | 4.657  | 46    | 110426   | 42.166   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.340%  |
| 24) Chloroform-d              | 5.052  | 84    | 107216   | 4.372    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 55226    | 4.692    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.800%  |
| 32) Benzene-d6                | 5.714  | 84    | 229924   | 4.764    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 68832    | 4.835    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 198689   | 4.416    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.400%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 21403    | 4.082    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.600%  |
| 46) 2-Hexanone-d5             | 8.644  | 63    | 96846    | 46.739   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 50441    | 4.495    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 70832    | 4.894    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 2.682  | 43    | 9247     | 5.604    | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 5.792  | 62    | 7360     | 0.483    | ug/L # | 74       |
| 33) Benzene                   | 5.766  | 78    | 25672    | 0.486    | ug/L   | 100      |
| 51) Chlorobenzene             | 9.438  | 112   | 390089   | 10.660   | ug/L   | 100      |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146   | 36145    | 1.377    | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 8744     | 0.364    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

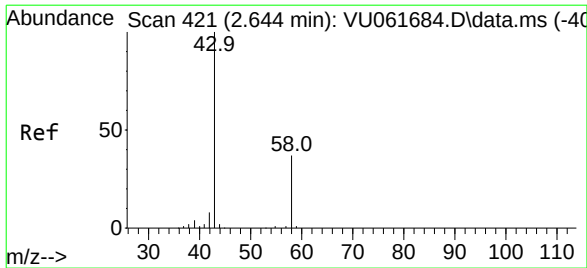
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 03:17:58 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 5.604 ug/L

RT: 2.682 min Scan# 43

Delta R.T. 0.039 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Instrument :

MSVOA\_U

ClientSampleId :

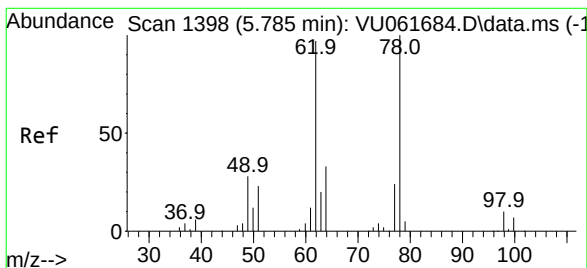
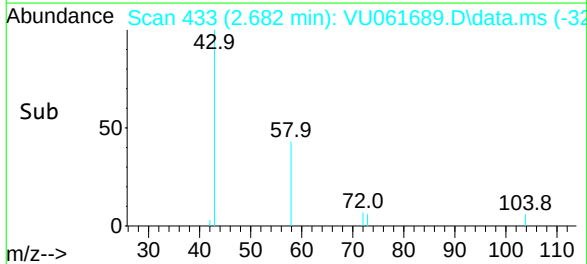
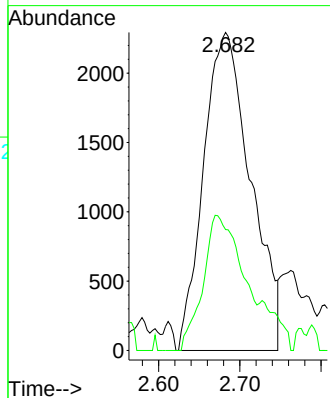
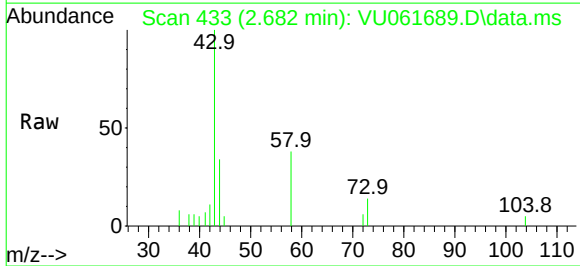
A0AQ1DL

Tgt Ion: 43 Resp: 9247

Ion Ratio Lower Upper

43 100

58 34.7 0.0 69.8



#27

1,2-Dichloroethane

Concen: 0.483 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.007 min

Lab File: VU061689.D

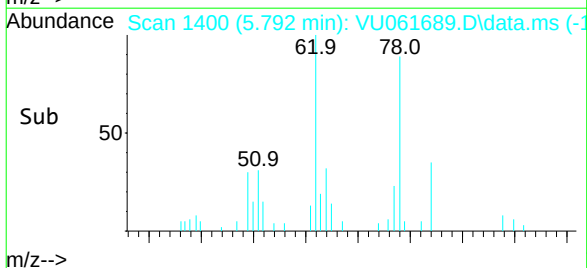
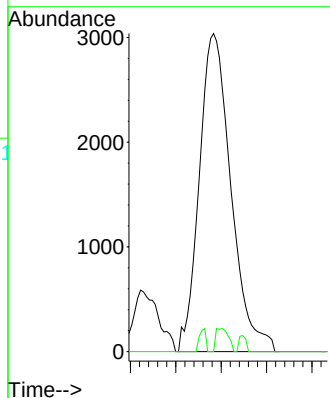
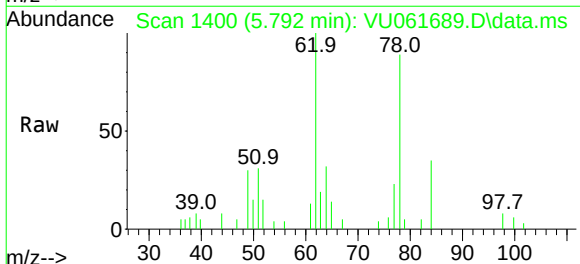
Acq: 14 Nov 2024 23:04

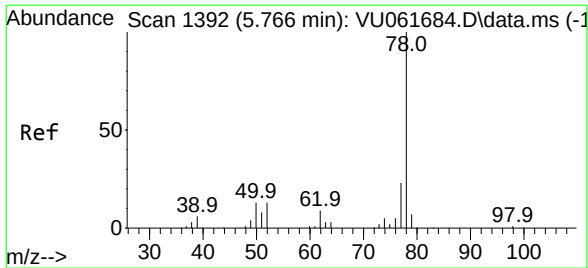
Tgt Ion: 62 Resp: 7360

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

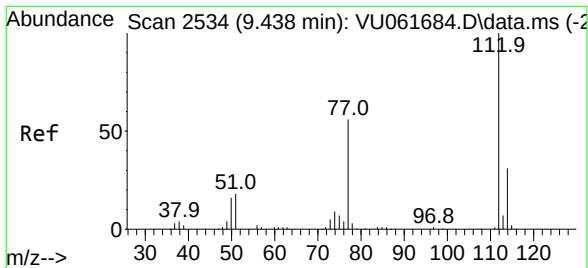
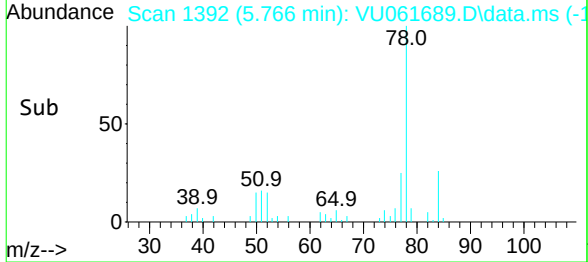
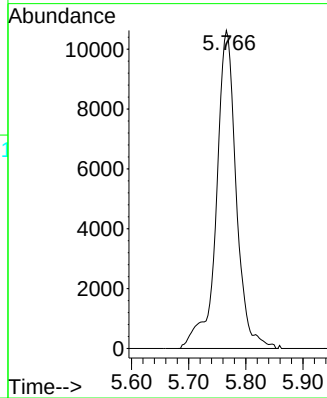
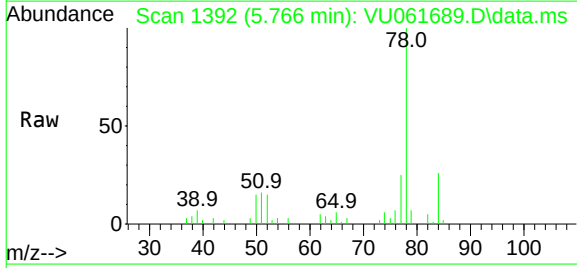




#33  
Benzene  
Concen: 0.486 ug/L  
RT: 5.766 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VU061689.D  
Acq: 14 Nov 2024 23:04

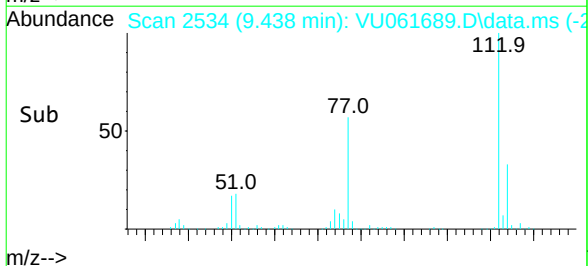
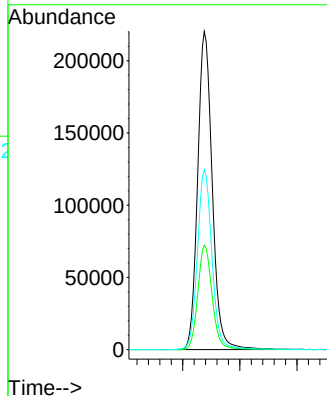
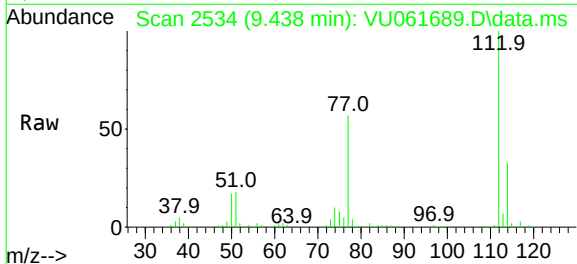
Instrument : MSVOA\_U  
ClientSampleId : A0AQ1DL

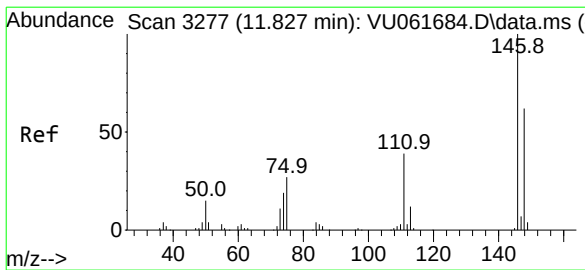
Tgt Ion: 78 Resp: 25672



#51  
Chlorobenzene  
Concen: 10.660 ug/L  
RT: 9.438 min Scan# 2534  
Delta R.T. 0.000 min  
Lab File: VU061689.D  
Acq: 14 Nov 2024 23:04

Tgt Ion: 112 Resp: 390089  
Ion Ratio Lower Upper  
112 100  
114 32.9 22.5 41.9  
77 56.5 45.3 67.9





#65

1,4-Dichlorobenzene

Concen: 1.377 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Instrument :

MSVOA\_U

ClientSampleId :

A0AQ1DL

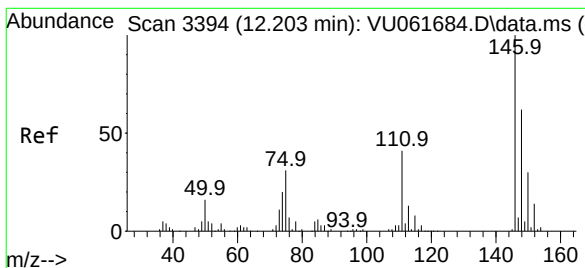
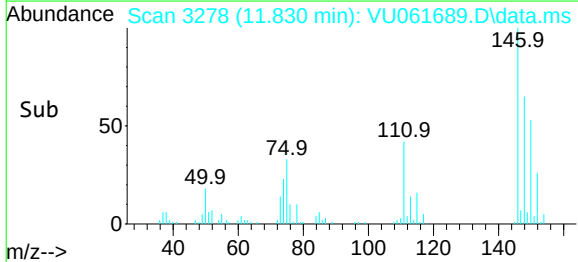
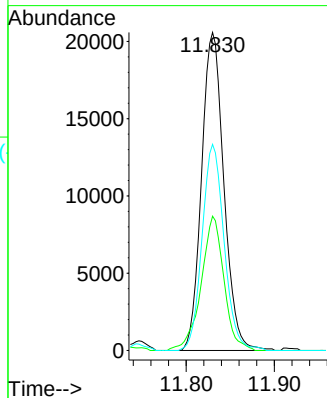
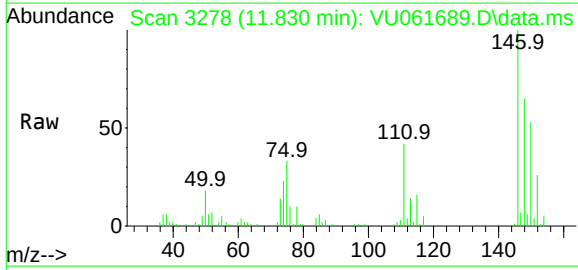
Tgt Ion:146 Resp: 36145

Ion Ratio Lower Upper

146 100

111 42.2 28.8 53.4

148 64.8 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 0.364 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061689.D

Acq: 14 Nov 2024 23:04

Tgt Ion:146 Resp: 8744

Ion Ratio Lower Upper

146 100

111 45.1 35.2 52.8

148 69.7 52.6 79.0

