

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040324\  
 Data File : VW034948.D  
 Acq On : 03 Apr 2024 11:31  
 Operator : SY/MD  
 Sample : P1925-01DL 40X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 PMW-6(20240326)DL

Quant Time: Apr 04 02:51:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR040224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Apr 04 02:49:59 2024  
 Response via : Initial Calibration

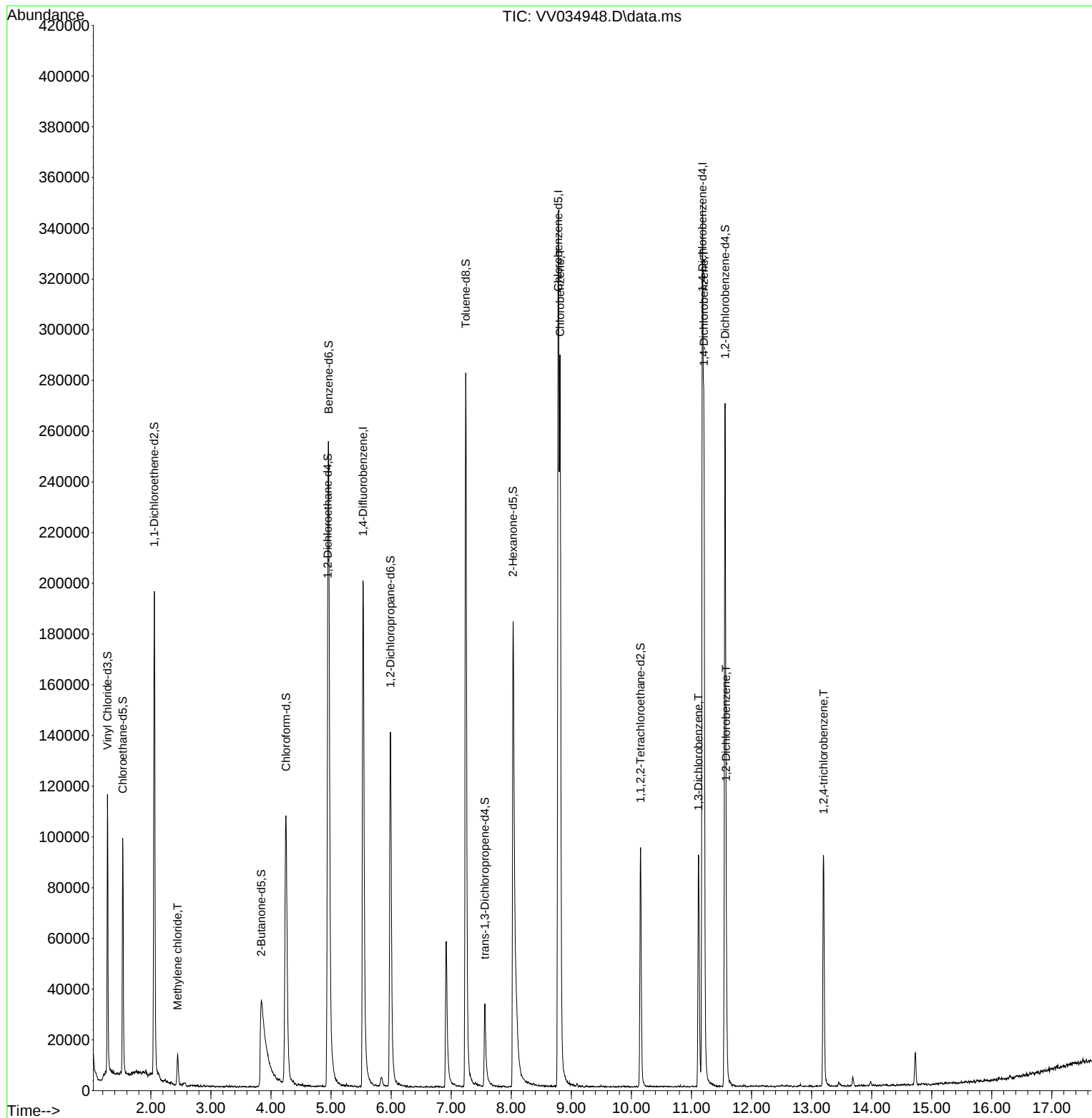
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114            | 180640   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117            | 180345   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152            | 81913    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 70165    | 4.713  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 94.200%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 60087    | 4.895  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65             | 33233    | 4.915  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 98.400%  |          |
| 20) 2-Butanone-d5             | 3.838  | 46             | 104040   | 44.666 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.340%  |          |
| 24) Chloroform-d              | 4.249  | 84             | 116574   | 4.839  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944  | 65             | 57853    | 5.318  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 106.400% |          |
| 32) Benzene-d6                | 4.960  | 84             | 239315   | 5.073  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.400% |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 73918    | 5.339  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 106.800% |          |
| 41) Toluene-d8                | 7.243  | 98             | 200631   | 4.682  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 22049    | 4.483  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 89.600%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 75255    | 44.579 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 89.160%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84             | 48144    | 4.983  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 99.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 67928    | 5.265  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 105.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 16) Methylene chloride        | 2.446  | 84             | 4926     | 0.327  | ug/L     | 93       |
| 51) Chlorobenzene             | 8.815  | 112            | 153385   | 4.091  | ug/L     | 98       |
| 64) 1,3-Dichlorobenzene       | 11.117 | 146            | 38135    | 1.460  | ug/L     | 99       |
| 65) 1,4-Dichlorobenzene       | 11.207 | 146            | 97531    | 3.727  | ug/L     | 99       |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146            | 11623    | 0.482  | ug/L     | 95       |
| 70) 1,2,4-trichlorobenzene    | 13.201 | 180            | 28228    | 1.852  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

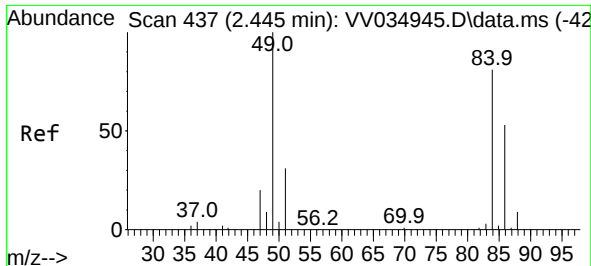
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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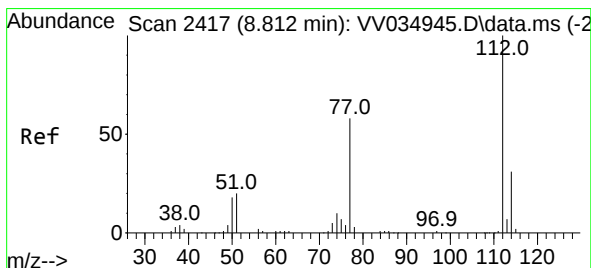
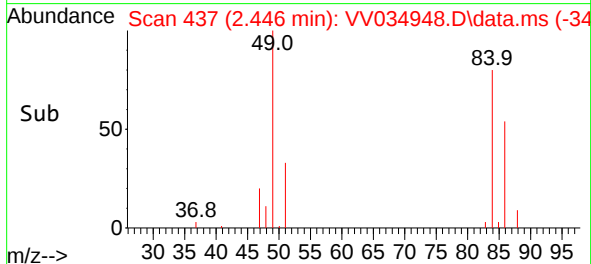
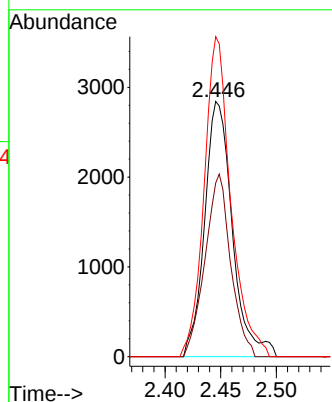
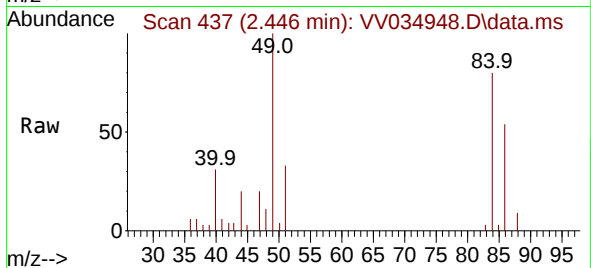




#16  
Methylene chloride  
Concen: 0.327 ug/L  
RT: 2.446 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV034948.D  
Acq: 03 Apr 2024 11:31

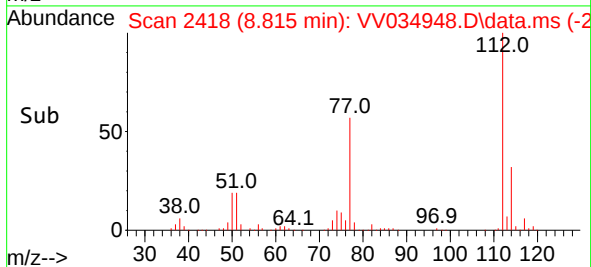
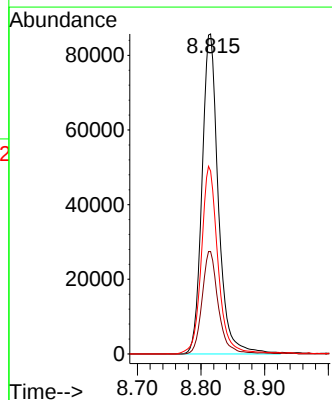
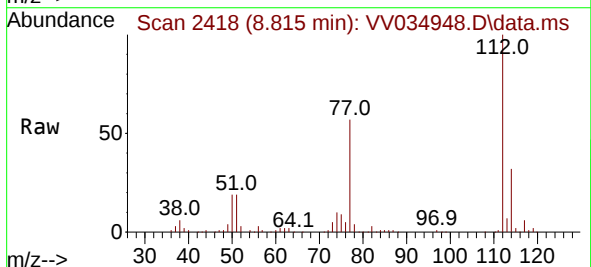
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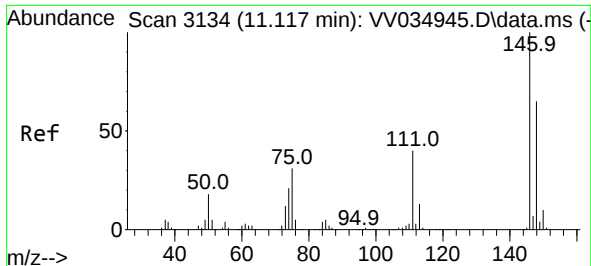
Tgt Ion: 84 Resp: 4926  
Ion Ratio Lower Upper  
84 100  
86 68.1 43.5 80.9  
49 125.4 82.5 153.3



#51  
Chlorobenzene  
Concen: 4.091 ug/L  
RT: 8.815 min Scan# 2418  
Delta R.T. 0.003 min  
Lab File: VV034948.D  
Acq: 03 Apr 2024 11:31

Tgt Ion: 112 Resp: 153385  
Ion Ratio Lower Upper  
112 100  
114 32.0 21.9 40.7  
77 57.2 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 1.460 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Instrument :

MSVOA\_V

ClientSampleId :

PMW-6(20240326)DL

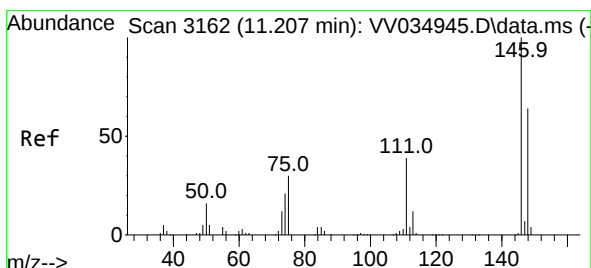
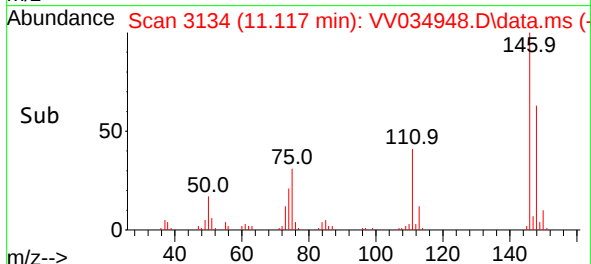
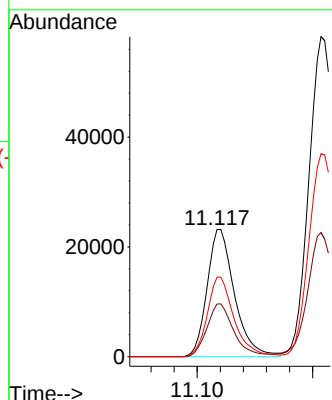
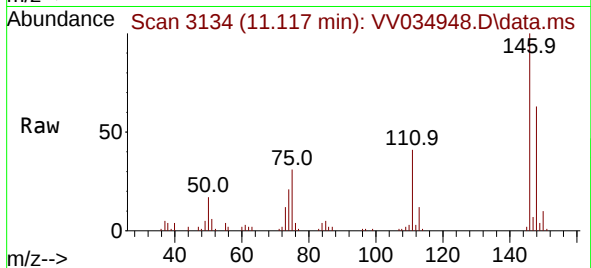
Tgt Ion:146 Resp: 38135

Ion Ratio Lower Upper

146 100

111 41.3 27.7 51.5

148 62.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 3.727 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

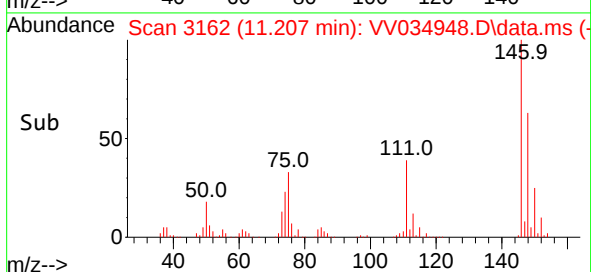
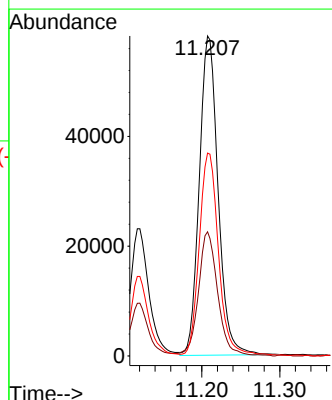
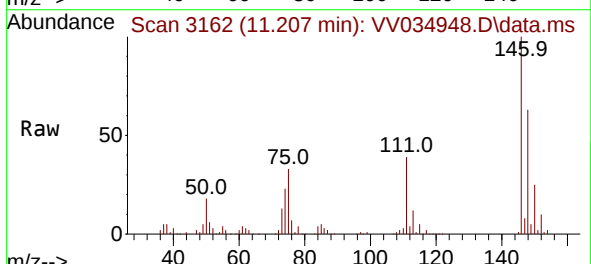
Tgt Ion:146 Resp: 97531

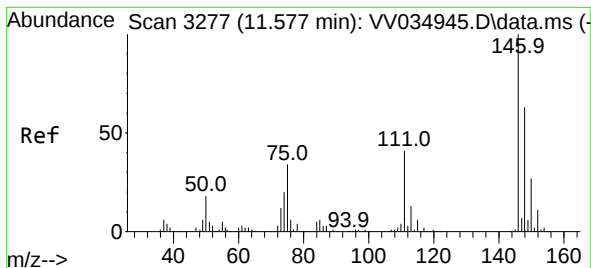
Ion Ratio Lower Upper

146 100

111 38.8 27.3 50.7

148 63.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 0.482 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Instrument :

MSVOA\_V

ClientSampleId :

PMW-6(20240326)DL

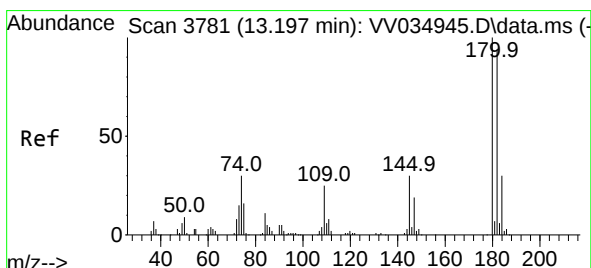
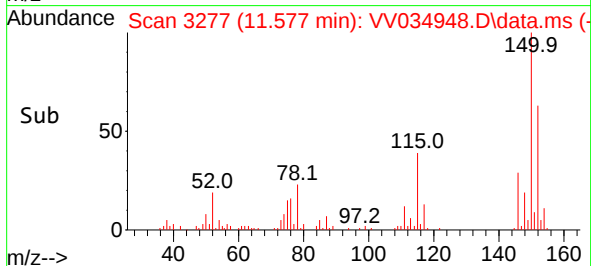
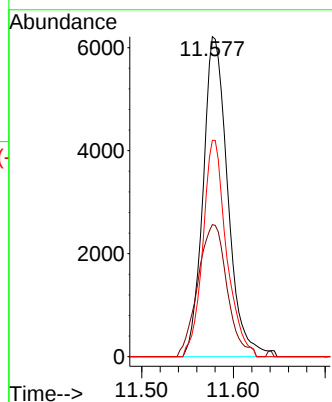
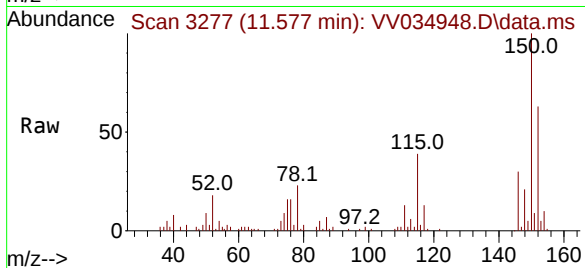
Tgt Ion:146 Resp: 11623

Ion Ratio Lower Upper

146 100

111 41.3 33.9 50.9

148 67.6 49.3 73.9



#70

1,2,4-trichlorobenzene

Concen: 1.852 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Tgt Ion:180 Resp: 28228

Ion Ratio Lower Upper

180 100

182 98.1 75.3 112.9

145 30.1 23.4 35.0

