

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100523\  
 Data File : VV032265.D  
 Acq On : 05 Oct 2023 19:01  
 Operator : SY/MD  
 Sample : 04748-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EX886

Quant Time: Oct 06 01:31:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 06 01:20:04 2023  
 Response via : Initial Calibration

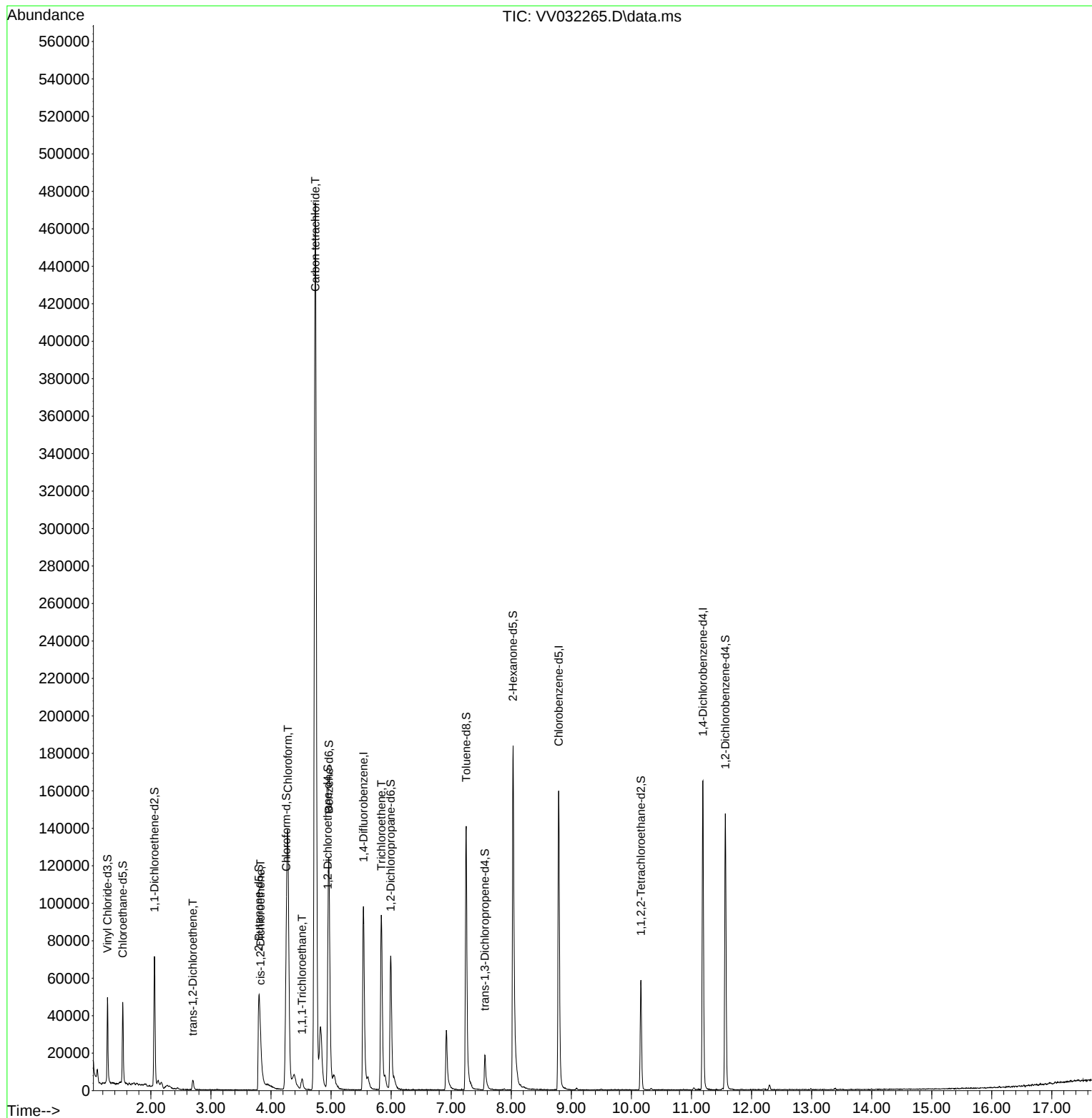
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 86268    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117   | 92463    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 43598    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 29402    | 4.191    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.800%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 27068    | 4.753    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 12223    | 4.131    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 82.600%  |
| 20) 2-Butanone-d5             | 3.799  | 46    | 85777    | 48.330   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.660%  |
| 24) Chloroform-d              | 4.255  | 84    | 63313    | 5.115    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.400% |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 29109    | 4.965    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.400%  |
| 32) Benzene-d6                | 4.963  | 84    | 111655   | 4.104    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.000%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 40720    | 4.517    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 90.400%  |
| 41) Toluene-d8                | 7.249  | 98    | 101214   | 4.068    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 13120    | 4.107    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.200%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 67439    | 44.872   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 29454    | 4.672    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 38208    | 4.723    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96    | 2124     | 0.293    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96    | 4612     | 0.591    | ug/L   | 93       |
| 25) Chloroform                | 4.281  | 83    | 126341   | 9.446    | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97    | 4575     | 0.364    | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.738  | 117   | 363860   | 34.207   | ug/L   | 99       |
| 34) Trichloroethene           | 5.837  | 95    | 34687    | 3.903    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

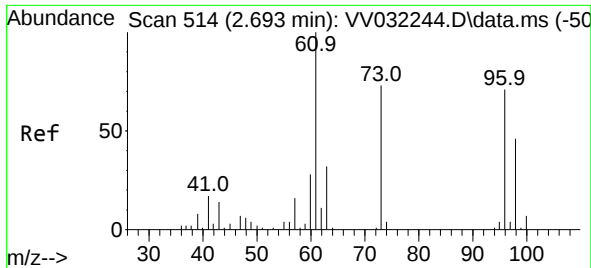
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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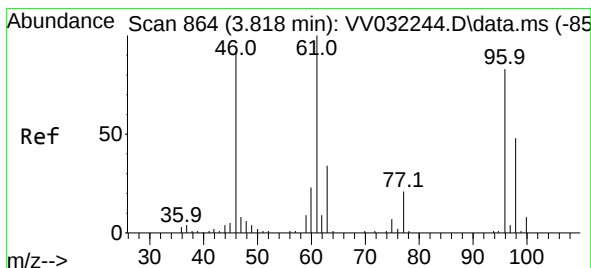
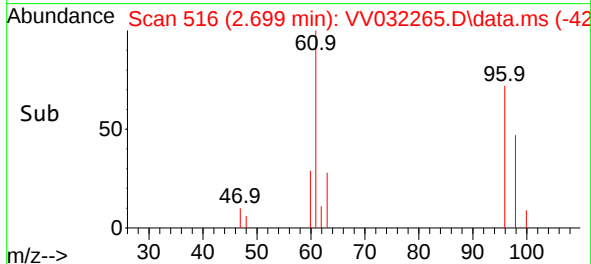
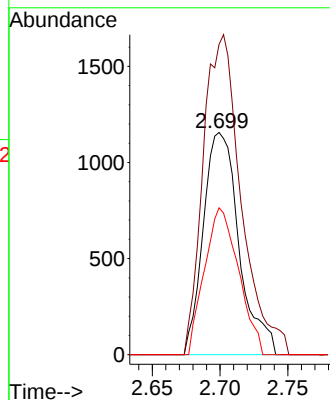
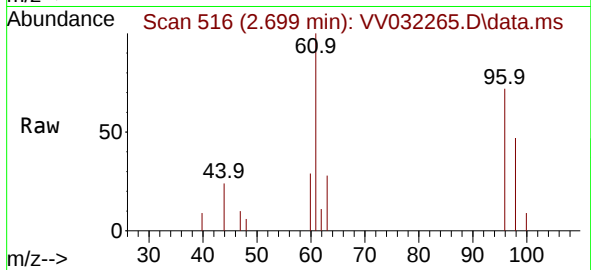




#18  
trans-1,2-Dichloroethene  
Concen: 0.293 ug/L  
RT: 2.699 min Scan# 514  
Delta R.T. 0.006 min  
Lab File: VV032265.D  
Acq: 05 Oct 2023 19:01

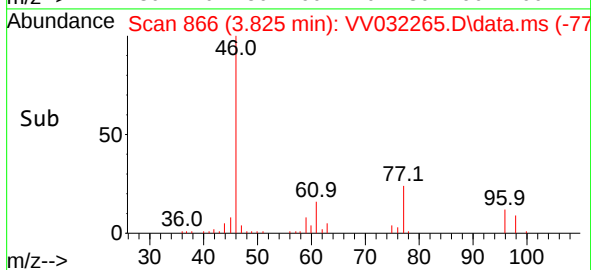
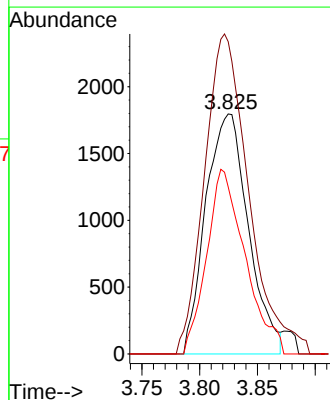
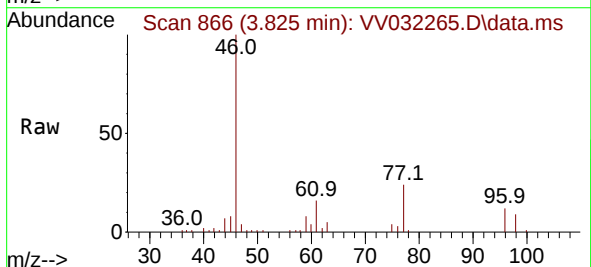
Instrument :  
MSVOA\_V  
ClientSampleId :  
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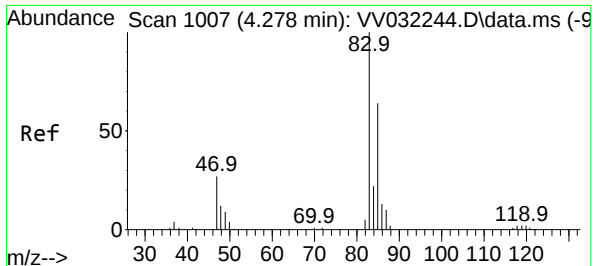
Tgt Ion: 96 Resp: 2124  
Ion Ratio Lower Upper  
96 100  
61 139.7 96.9 180.1  
98 66.1 45.3 84.1



#22  
cis-1,2-Dichloroethene  
Concen: 0.591 ug/L  
RT: 3.825 min Scan# 866  
Delta R.T. 0.006 min  
Lab File: VV032265.D  
Acq: 05 Oct 2023 19:01

Tgt Ion: 96 Resp: 4612  
Ion Ratio Lower Upper  
96 100  
61 130.2 85.8 159.4  
98 69.6 44.0 81.6





#25

Chloroform

Concen: 9.446 ug/L

RT: 4.281 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV032265.D

Acq: 05 Oct 2023 19:01

Instrument :

MSVOA\_V

ClientSampleId :

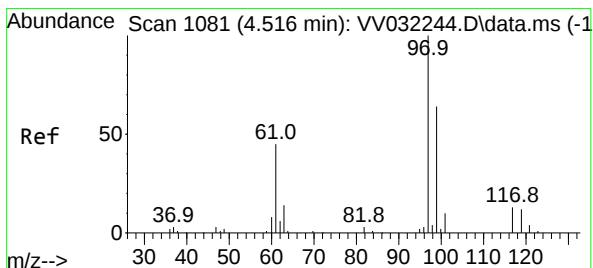
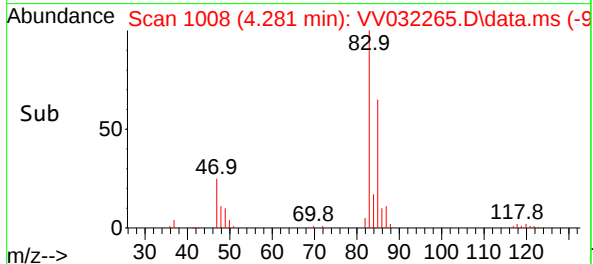
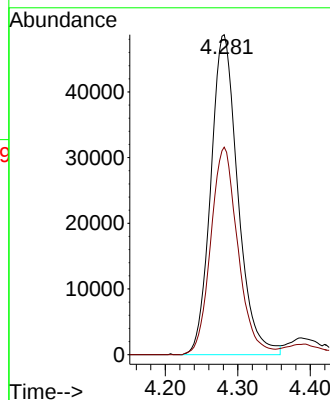
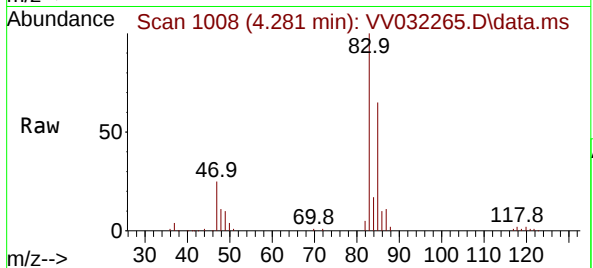
EX886

Tgt Ion: 83 Resp: 126341

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.4



#29

1,1,1-Trichloroethane

Concen: 0.364 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.000 min

Lab File: VV032265.D

Acq: 05 Oct 2023 19:01

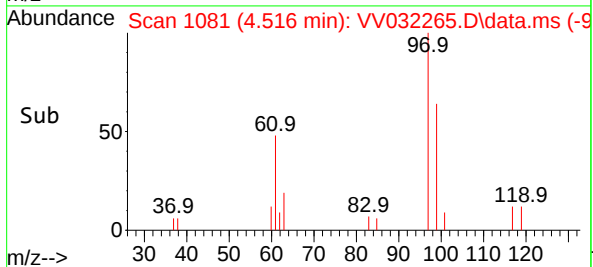
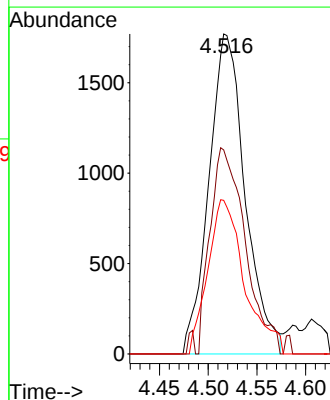
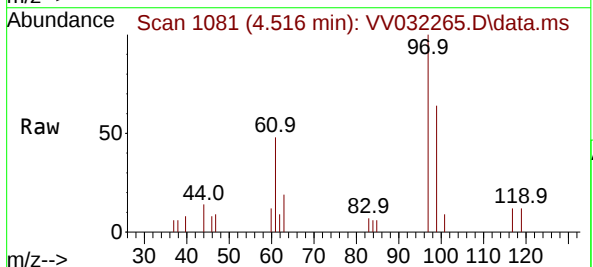
Tgt Ion: 97 Resp: 4575

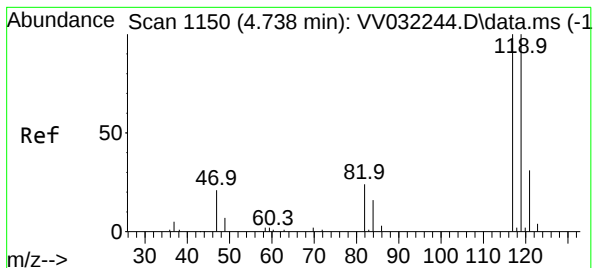
Ion Ratio Lower Upper

97 100

99 62.9 50.1 75.1

61 48.9 35.1 52.7





#31

Carbon tetrachloride

Concen: 34.207 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV032265.D

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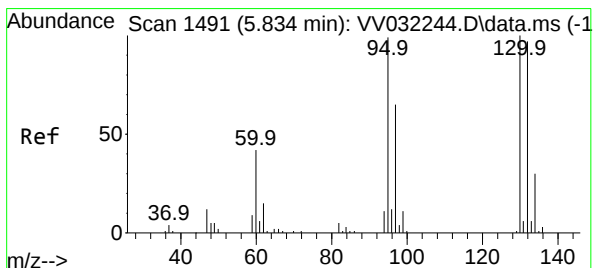
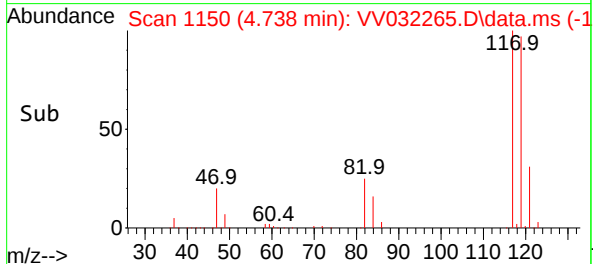
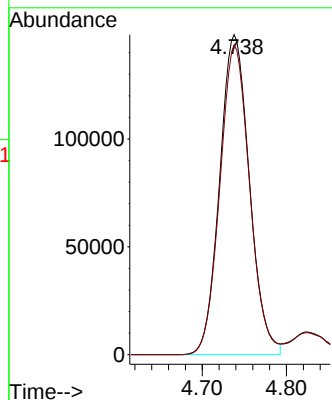
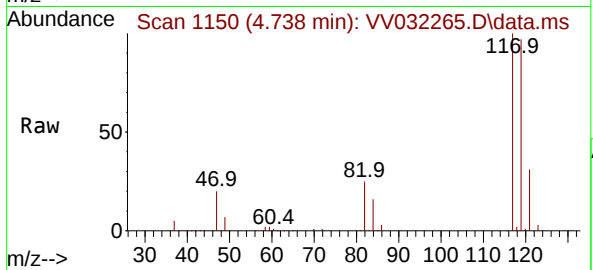
EX886

Tgt Ion:117 Resp: 363860

Ion Ratio Lower Upper

117 100

119 96.5 77.6 116.4



#34

Trichloroethene

Concen: 3.903 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV032265.D

Acq: 05 Oct 2023 19:01

Tgt Ion: 95 Resp: 34687

Ion Ratio Lower Upper

95 100

97 62.7 45.7 84.9

132 99.1 70.3 130.5

130 98.5 69.6 129.2

