

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112321\  
 Data File : VU045970.D  
 Acq On : 23 Nov 2021 20:54  
 Operator : SY/MD  
 Sample : M4722-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 24 00:35:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 24 00:27:16 2021  
 Response via : Initial Calibration

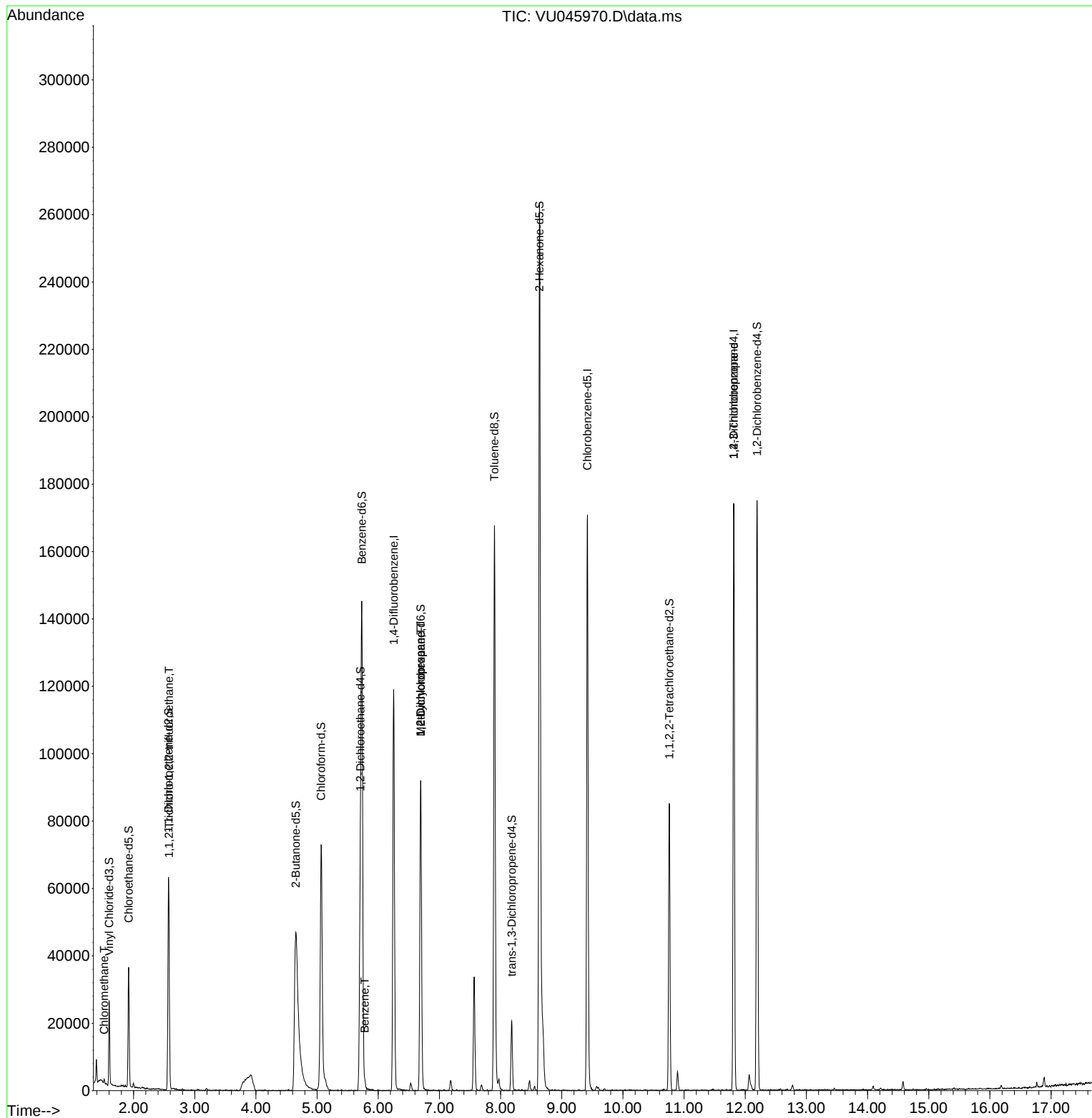
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 99099    | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117            | 98007    | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 46297    | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65             | 17267    | 2.199  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 44.000%   |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 26080    | 4.563  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 91.200%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65             | 12068    | 3.665  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 73.200%   |          |
| 20) 2-Butanone-d5             | 4.652  | 46             | 136725   | 64.981 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 129.960%  |          |
| 24) Chloroform-d              | 5.067  | 84             | 67456    | 5.157  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 103.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65             | 40439    | 5.269  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.400%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 136488   | 5.057  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 44714    | 5.257  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 105.200%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 115882   | 4.746  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.000%   |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 12729    | 3.686  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 73.800%   |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 104884   | 67.483 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 134.960%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 41543    | 5.781  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 115.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 46328    | 5.828  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 116.600%  |          |
| Target Compounds              |        |                |          |        |           |          |
| 3) Chloromethane              | 1.520  | 50             | 1069     | 0.125  | ug/L      | 85       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101            | 266      | 0.041  | ug/L #    | 21       |
| 33) Benzene                   | 5.777  | 78             | 2365     | 0.086  | ug/L      | 100      |
| 35) Methylcyclohexane         | 6.694  | 83             | 10823    | 1.000  | ug/L #    | 18       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 4619     | 0.642  | ug/L #    | 88       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75             | 5696     | 1.185  | ug/L #    | 65       |

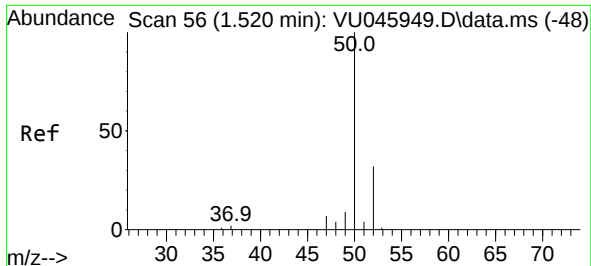
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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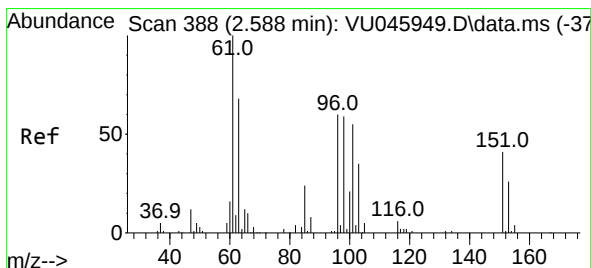
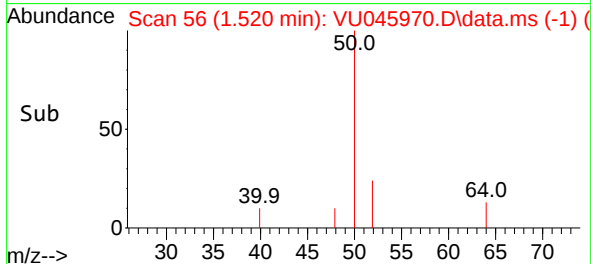
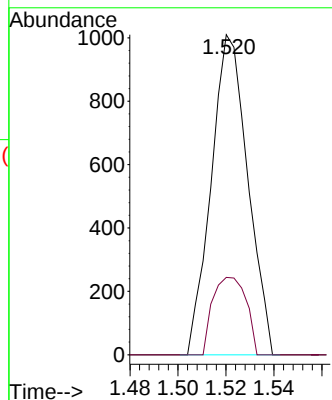
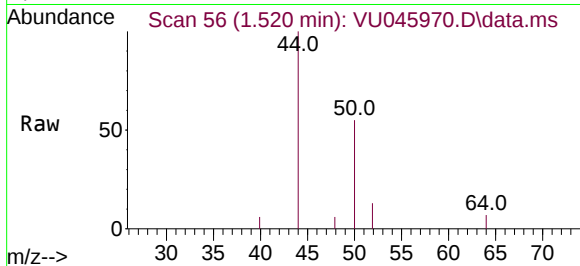




#3  
Chloromethane  
Concen: 0.125 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU045970.D  
Acq: 23 Nov 2021 20:54

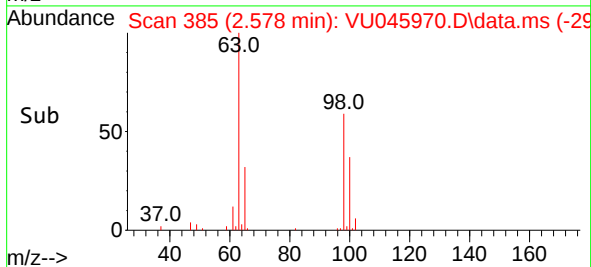
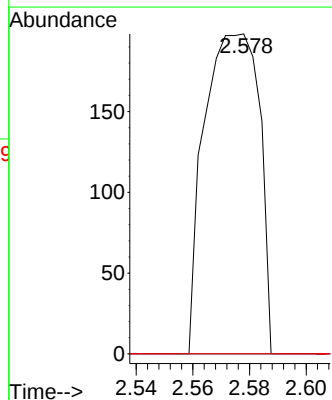
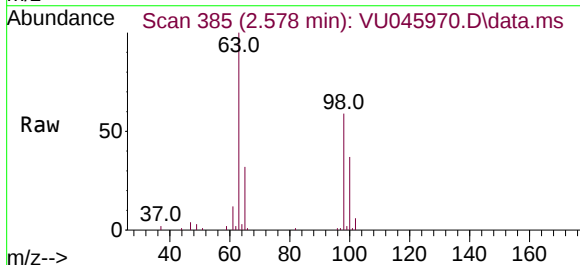
Instrument :  
MSVOA\_U  
ClientSampleId :

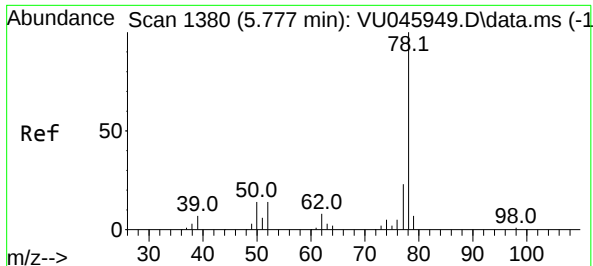
Tgt Ion: 50 Resp: 1069  
Ion Ratio Lower Upper  
50 100  
52 24.2 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.041 ug/L  
RT: 2.578 min Scan# 385  
Delta R.T. -0.010 min  
Lab File: VU045970.D  
Acq: 23 Nov 2021 20:54

Tgt Ion: 101 Resp: 266  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 56.1 84.1#

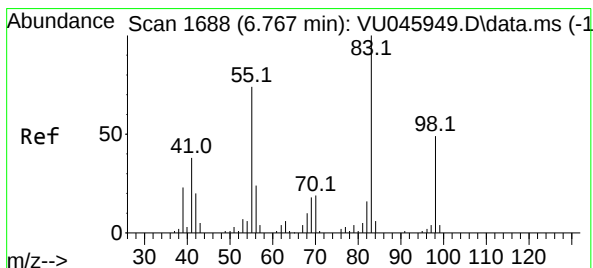
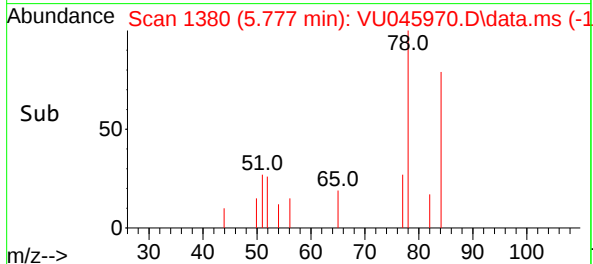
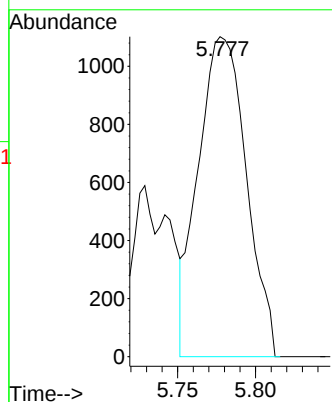
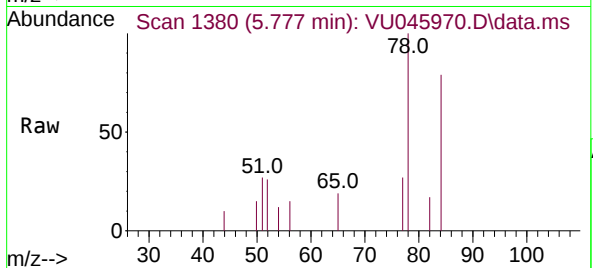




#33  
Benzene  
Concen: 0.086 ug/L  
RT: 5.777 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045970.D  
Acq: 23 Nov 2021 20:54

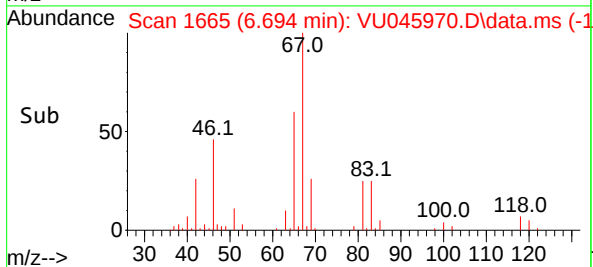
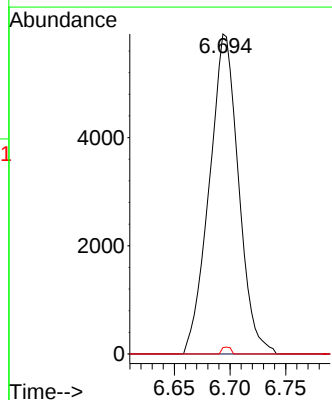
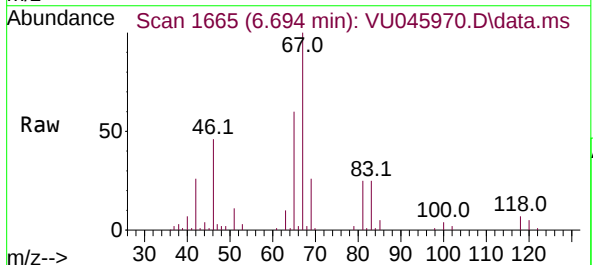
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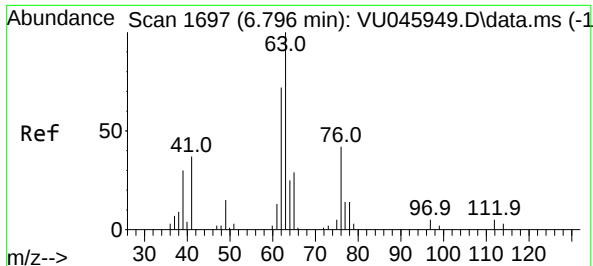
Tgt Ion: 78 Resp: 2365



#35  
Methylcyclohexane  
Concen: 1.000 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU045970.D  
Acq: 23 Nov 2021 20:54

Tgt Ion: 83 Resp: 10823  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.9 92.9#  
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045970.D

Acq: 23 Nov 2021 20:54

Instrument :

MSVOA\_U

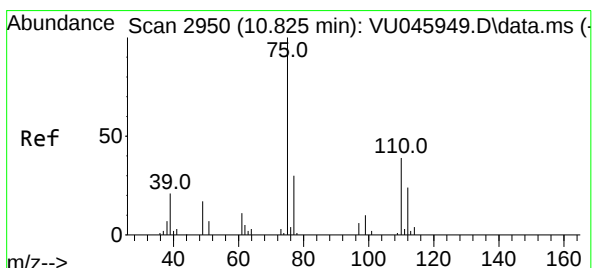
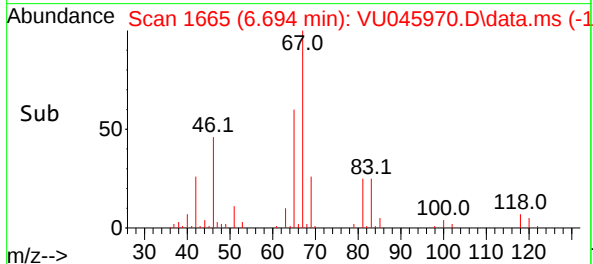
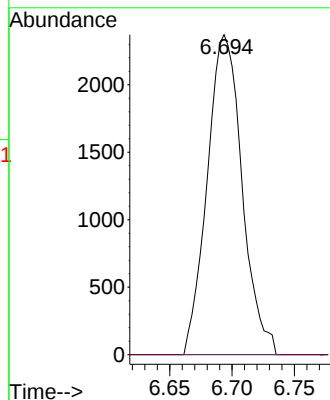
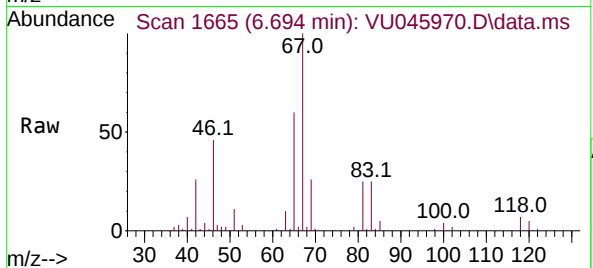
ClientSampleId :

Tgt Ion: 63 Resp: 4619

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 1.185 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045970.D

Acq: 23 Nov 2021 20:54

Tgt Ion: 75 Resp: 5696

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.0 25.5 38.3

