

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091724\  
 Data File : VU060835.D  
 Acq On : 17 Sep 2024 16:06  
 Operator : MD/SY  
 Sample : P3973-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 18 01:19:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 18 01:15:55 2024  
 Response via : Initial Calibration

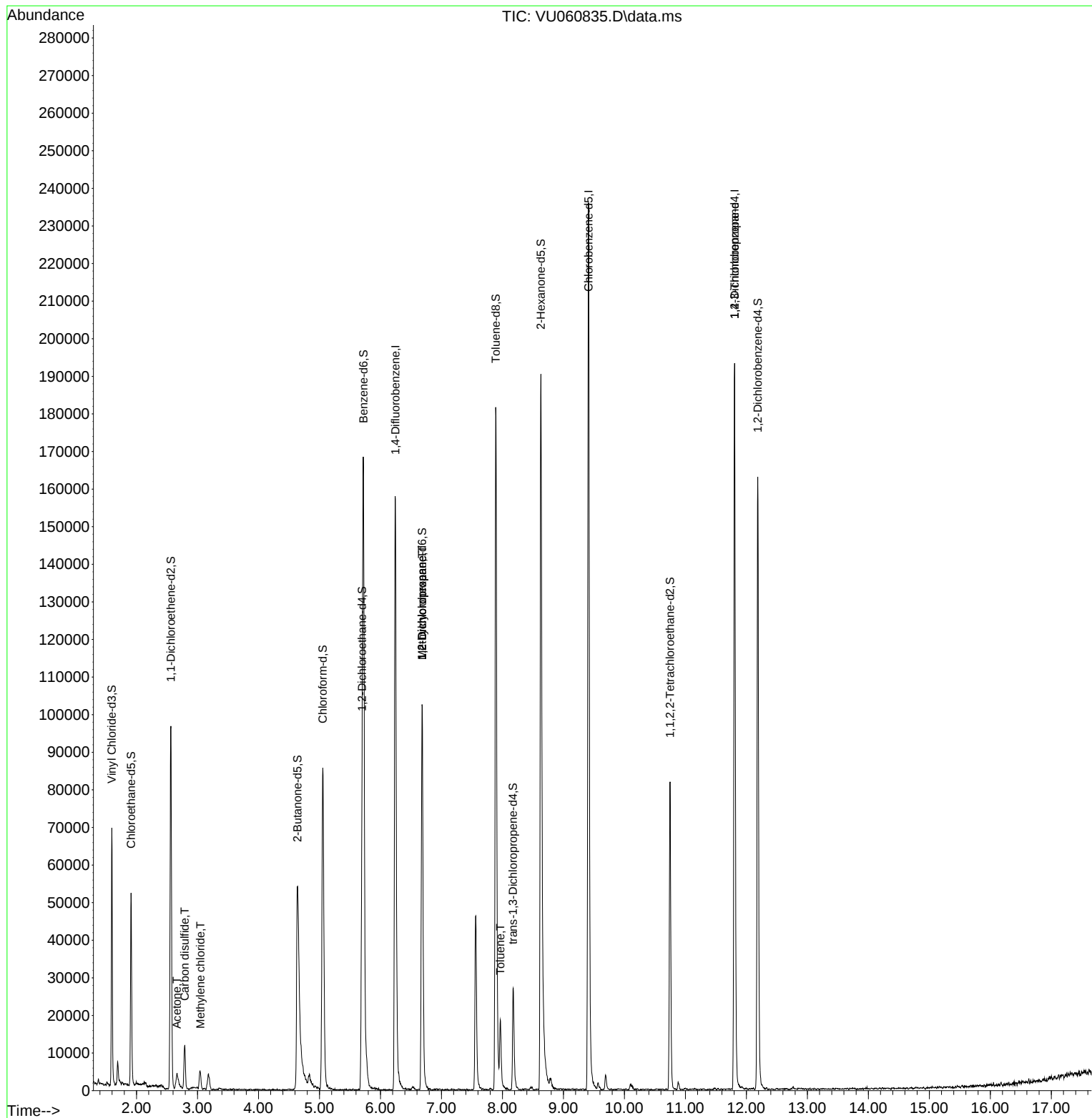
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 141551   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 149362   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 56584    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 49062    | 3.854    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 38277    | 4.223    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 18461    | 4.091    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 81.800%  |
| 20) 2-Butanone-d5             | 4.637  | 46    | 98885    | 48.381   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 96.760%  |
| 24) Chloroform-d              | 5.055  | 84    | 84946    | 4.364    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 42243    | 4.541    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 166604   | 4.162    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 53713    | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.800%  |
| 41) Toluene-d8                | 7.891  | 98    | 134847   | 3.695    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 18756    | 4.207    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.200%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 73252    | 41.650   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 83.300%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 43668    | 4.500    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 49171    | 5.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.400% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.663  | 43    | 7693     | 5.642    | ug/L   | 69       |
| 14) Carbon disulfide          | 2.791  | 76    | 15425    | 0.624    | ug/L   | 98       |
| 16) Methylene chloride        | 3.049  | 84    | 2141     | 0.208    | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.682  | 83    | 11867    | 0.803    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 5204     | 0.460    | ug/L # | 93       |
| 42) Toluene                   | 7.965  | 91    | 14050    | 0.327    | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 5611     | 1.063    | ug/L # | 56       |

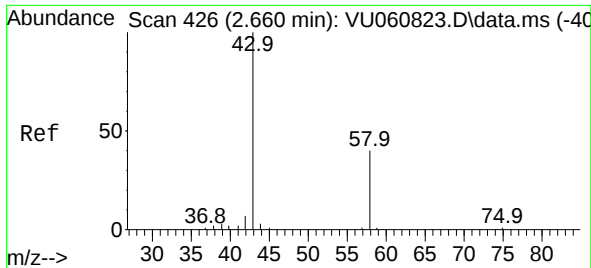
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 18 01:15:55 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 5.642 ug/L

RT: 2.663 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060835.D

Acq: 17 Sep 2024 16:06

Instrument :

MSVOA\_U

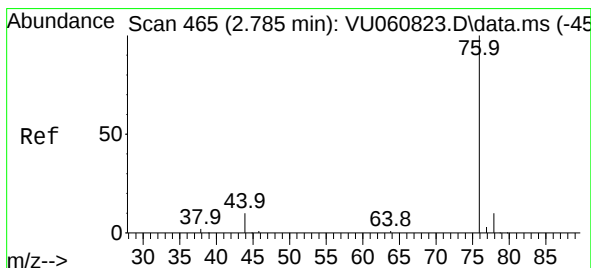
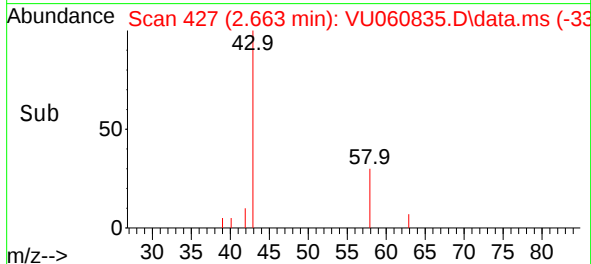
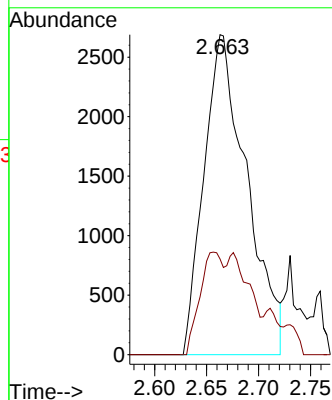
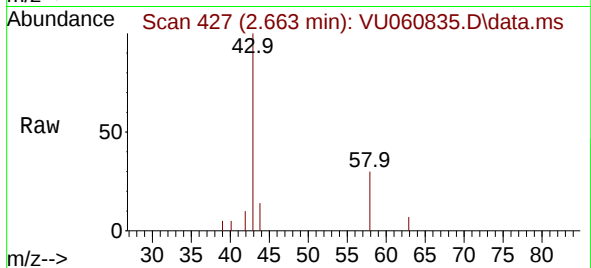
ClientSampleId :

Tgt Ion: 43 Resp: 7693

Ion Ratio Lower Upper

43 100

58 17.1 0.0 69.6



#14

Carbon disulfide

Concen: 0.624 ug/L

RT: 2.791 min Scan# 467

Delta R.T. 0.006 min

Lab File: VU060835.D

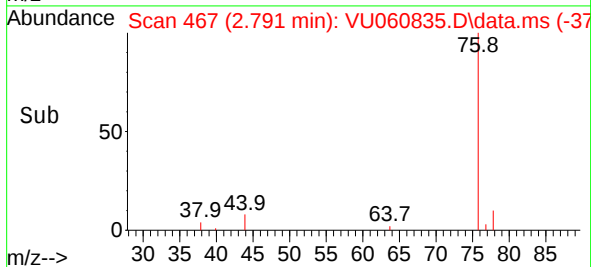
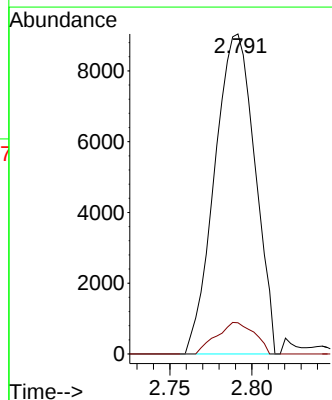
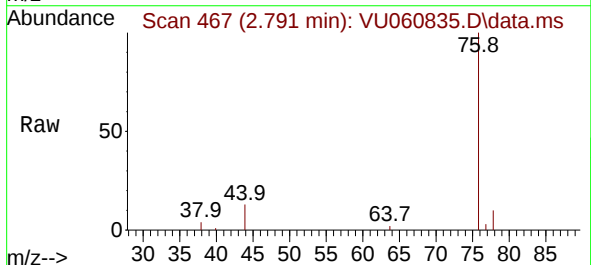
Acq: 17 Sep 2024 16:06

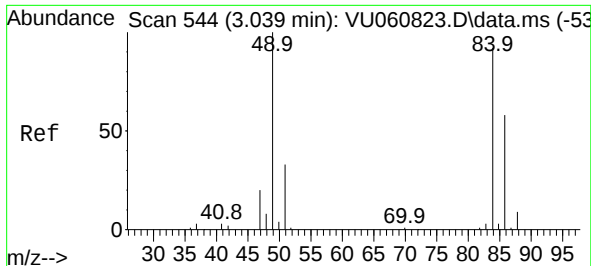
Tgt Ion: 76 Resp: 15425

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7





#16

Methylene chloride

Concen: 0.208 ug/L

RT: 3.049 min Scan# 544

Delta R.T. 0.010 min

Lab File: VU060835.D

Acq: 17 Sep 2024 16:06

Instrument :

MSVOA\_U

ClientSampleId :

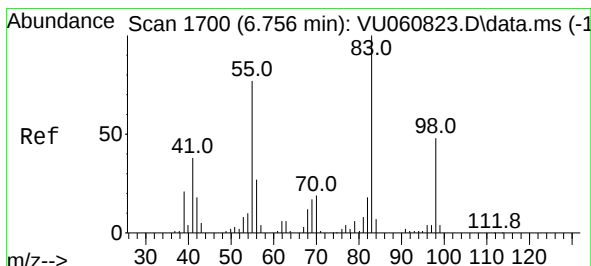
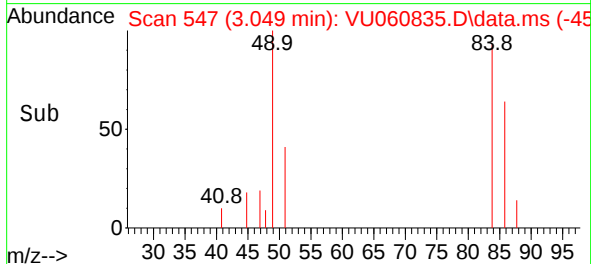
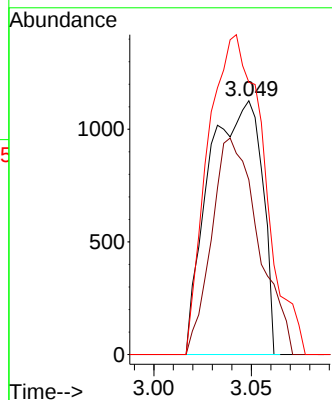
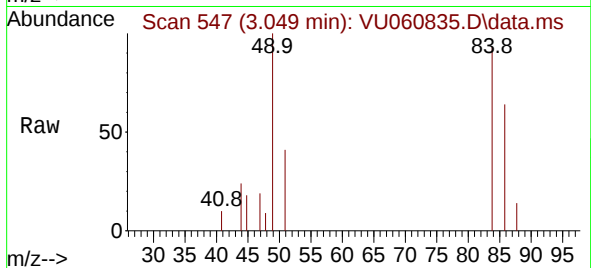
Tgt Ion: 84 Resp: 2141

Ion Ratio Lower Upper

84 100

86 68.9 47.3 87.8

49 107.3 78.7 146.1



#35

Methylcyclohexane

Concen: 0.803 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060835.D

Acq: 17 Sep 2024 16:06

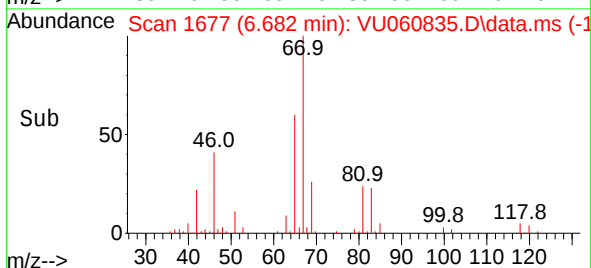
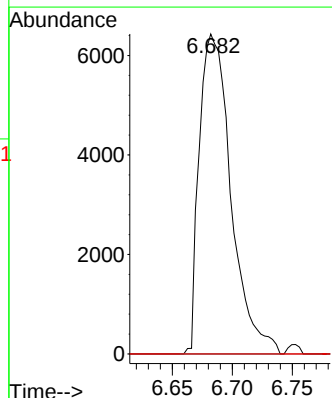
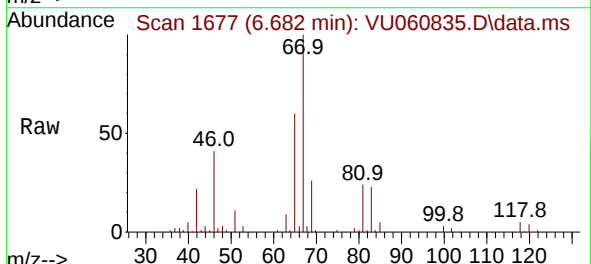
Tgt Ion: 83 Resp: 11867

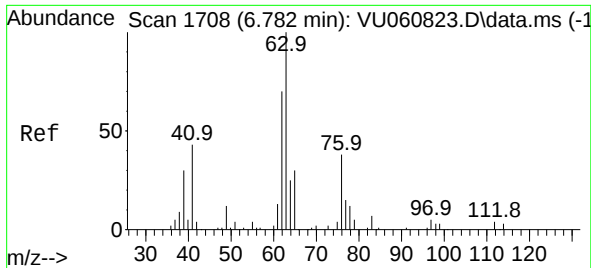
Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 0.4 37.6 56.4#

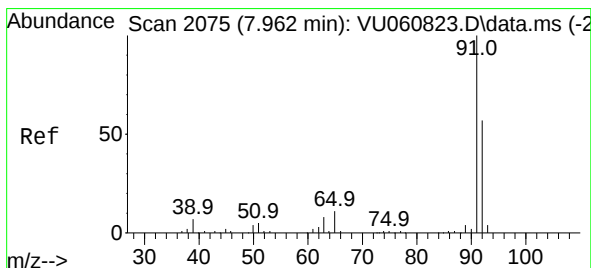
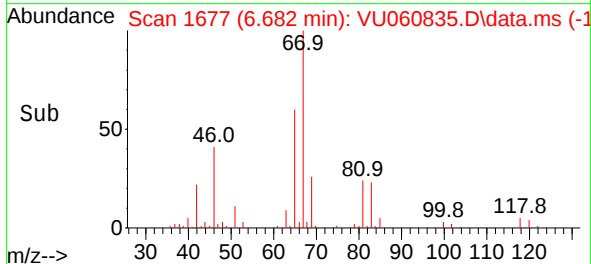
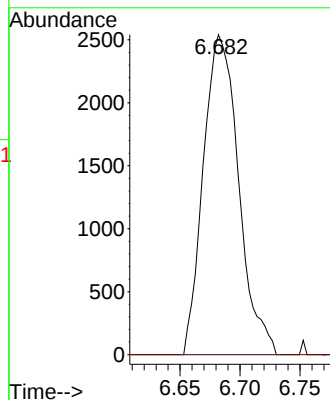
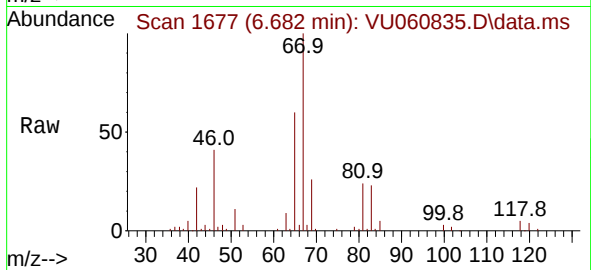




#37  
1,2-Dichloropropane  
Concen: 0.460 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU060835.D  
Acq: 17 Sep 2024 16:06

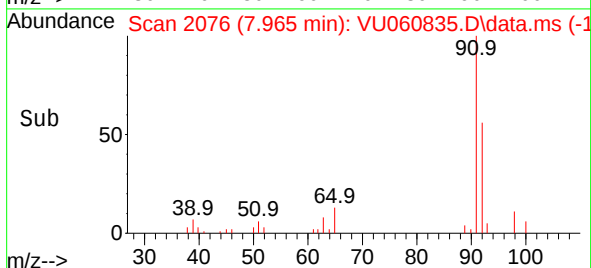
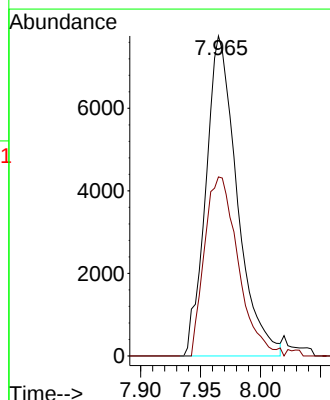
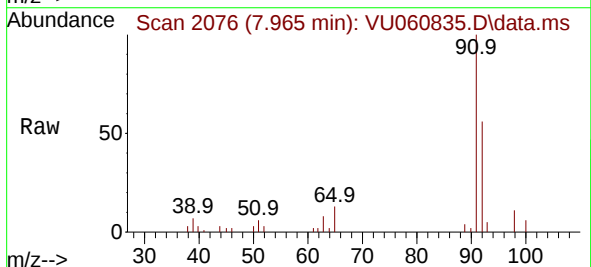
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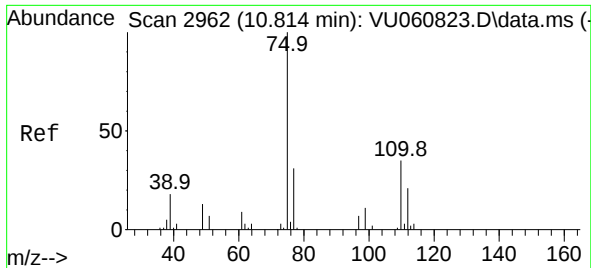
Tgt Ion: 63 Resp: 5204  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.0 3.0#



#42  
Toluene  
Concen: 0.327 ug/L  
RT: 7.965 min Scan# 2076  
Delta R.T. 0.003 min  
Lab File: VU060835.D  
Acq: 17 Sep 2024 16:06

Tgt Ion: 91 Resp: 14050  
Ion Ratio Lower Upper  
91 100  
92 55.9 40.5 75.3





#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.993 min

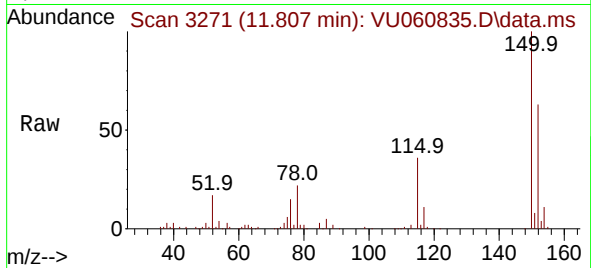
Lab File: VU060835.D

Acq: 17 Sep 2024 16:06

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion: 75 Resp: 5611

Ion Ratio Lower Upper

75 100

110 2.4 28.6 43.0#

77 16.2 26.3 39.5#

