

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111523\  
 Data File : VU056392.D  
 Acq On : 16 Nov 2023 07:00  
 Operator : MD/SY  
 Sample : 05411-19  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 16 07:13:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 16 05:41:06 2023  
 Response via : Initial Calibration

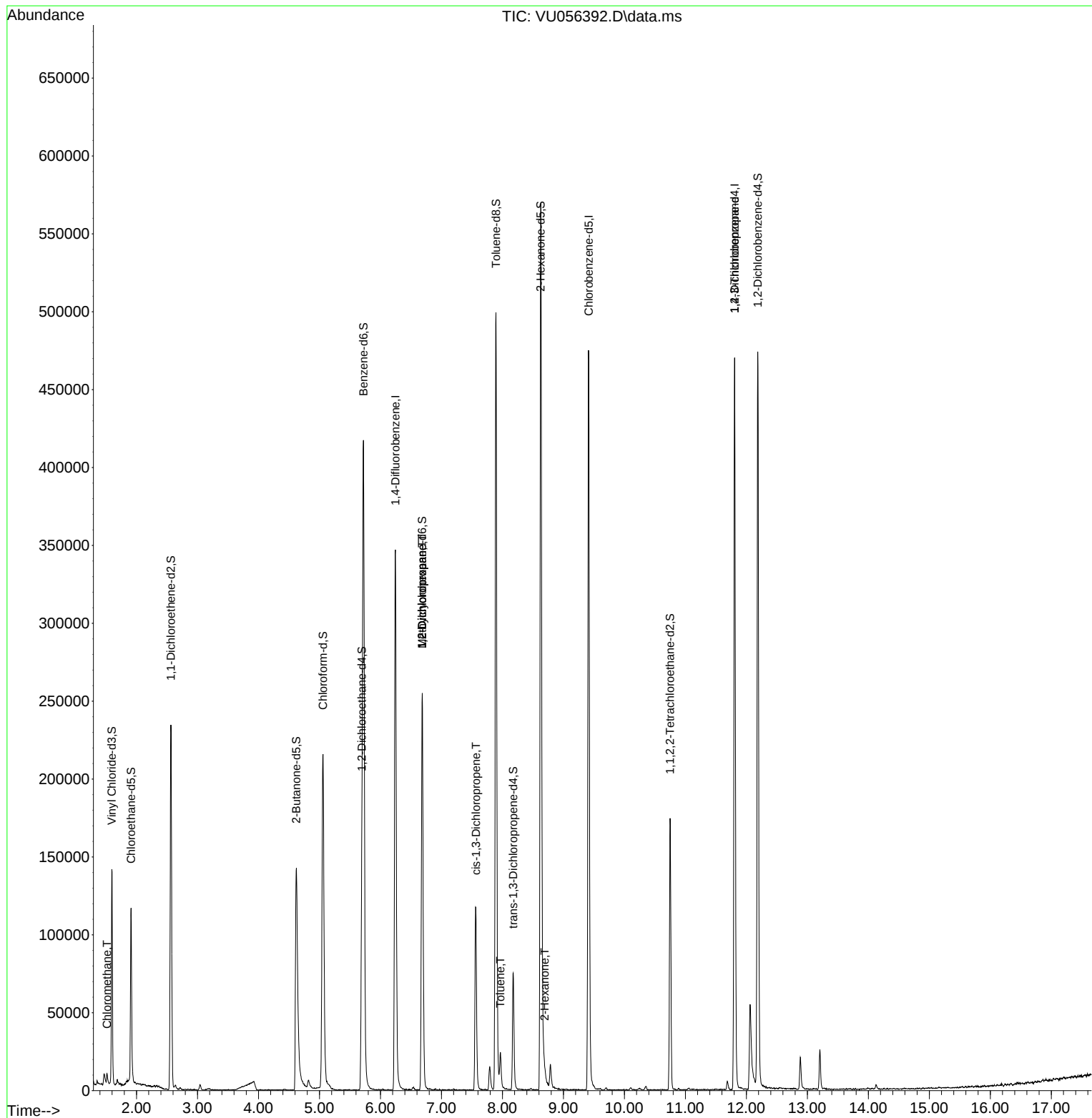
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 284798   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 273141   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 126070   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 100516   | 4.719    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 82356    | 5.042    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.800% |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 44350    | 4.718    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 94.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 230983   | 54.379   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 108.760% |
| 24) Chloroform-d              | 5.058  | 84    | 207910   | 5.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 102387   | 5.378    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.600% |
| 32) Benzene-d6                | 5.721  | 84    | 398843   | 4.901    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 123681   | 5.043    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.800% |
| 41) Toluene-d8                | 7.894  | 98    | 342722   | 4.769    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 95.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 47500    | 5.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 101.000% |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 197912   | 53.539   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 107.080% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 87601    | 4.998    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.000% |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 123018   | 5.282    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.515  | 50    | 4260     | 0.185    | ug/L   | 85       |
| 35) Methylcyclohexane         | 6.685  | 83    | 29000    | 0.946    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 13282    | 0.653    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.566  | 75    | 3540     | 0.119    | ug/L   | 92       |
| 42) Toluene                   | 7.965  | 91    | 15390    | 0.191    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.692  | 43    | 5907     | 0.753    | ug/L # | 43       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 15629    | 1.445    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

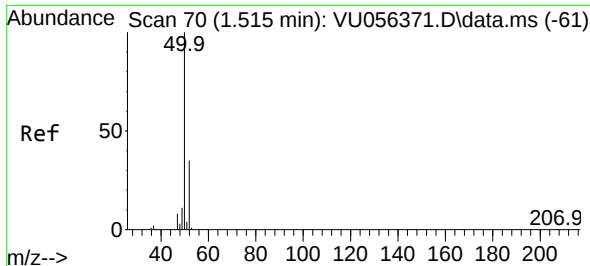
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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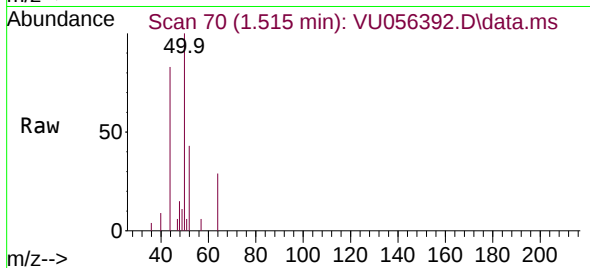
Quant Time: Nov 16 07:13:11 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
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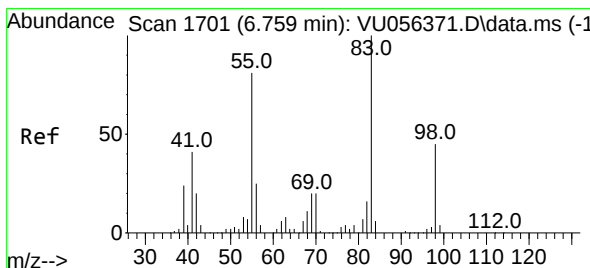
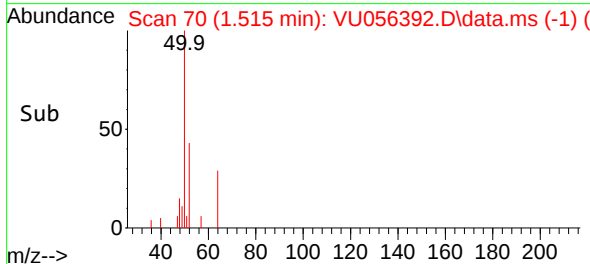
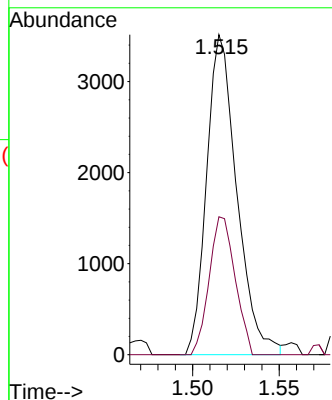


#3  
Chloromethane  
Concen: 0.185 ug/L  
RT: 1.515 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VU056392.D  
Acq: 16 Nov 2023 07:00

Instrument :  
MSVOA\_U  
ClientSampleId :

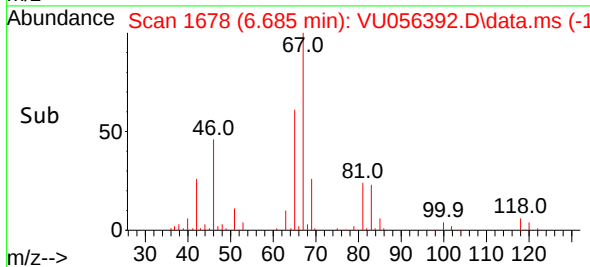
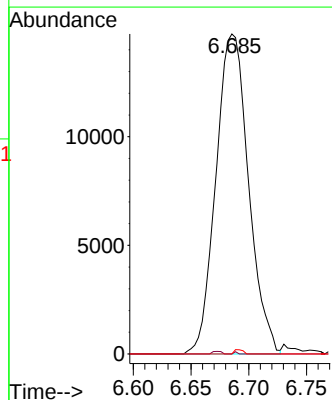
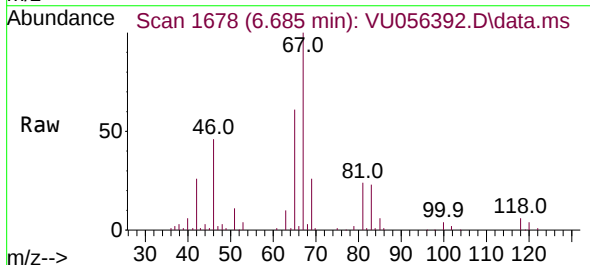


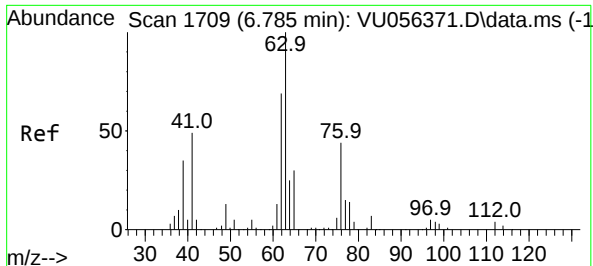
Tgt Ion: 50 Resp: 4260  
Ion Ratio Lower Upper  
50 100  
52 43.1 24.3 45.1



#35  
Methylcyclohexane  
Concen: 0.946 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU056392.D  
Acq: 16 Nov 2023 07:00

Tgt Ion: 83 Resp: 29000  
Ion Ratio Lower Upper  
83 100  
55 0.1 62.9 94.3#  
98 0.4 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056392.D

Acq: 16 Nov 2023 07:00

Instrument :

MSVOA\_U

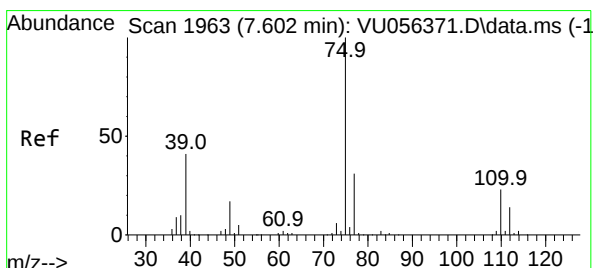
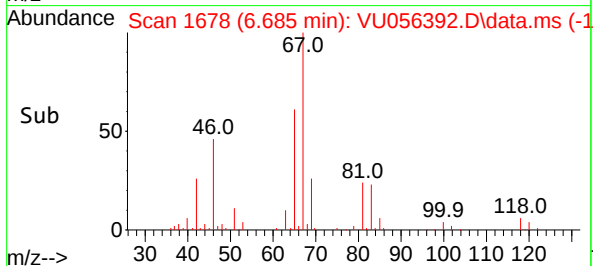
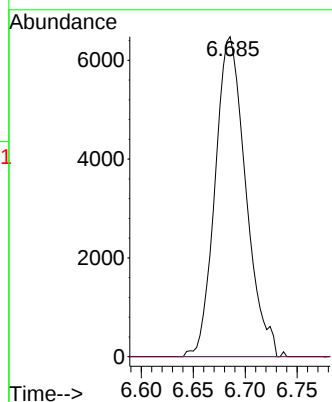
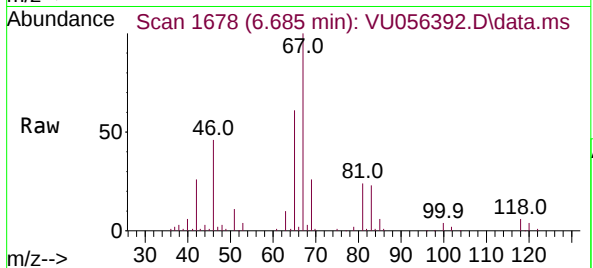
ClientSampleId :

Tgt Ion: 63 Resp: 13282

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.035 min

Lab File: VU056392.D

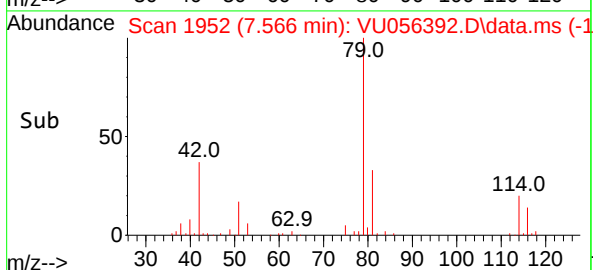
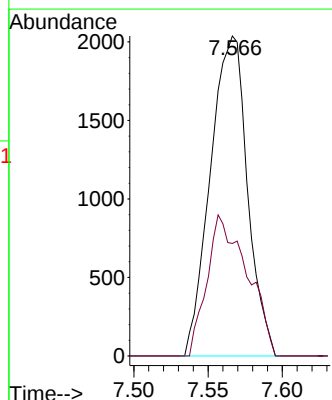
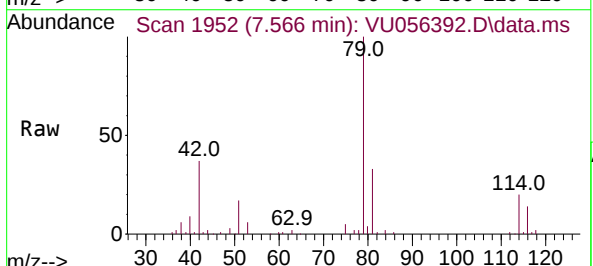
Acq: 16 Nov 2023 07:00

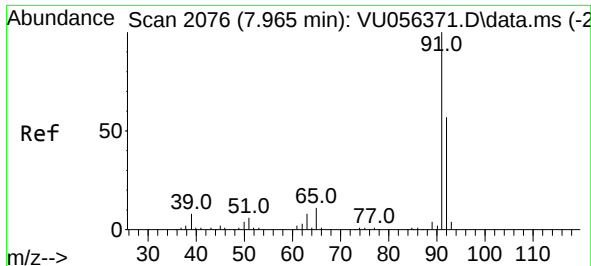
Tgt Ion: 75 Resp: 3540

Ion Ratio Lower Upper

75 100

77 35.1 21.5 39.9





#42

Toluene

Concen: 0.191 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056392.D

Acq: 16 Nov 2023 07:00

Instrument :

MSVOA\_U

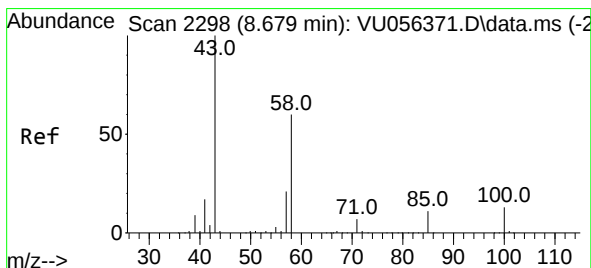
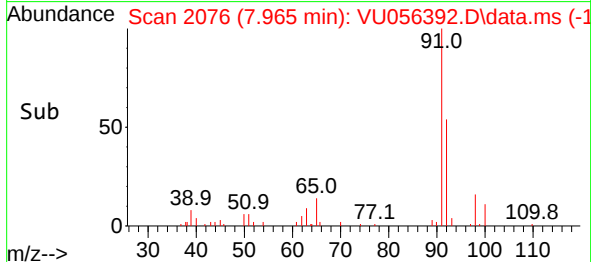
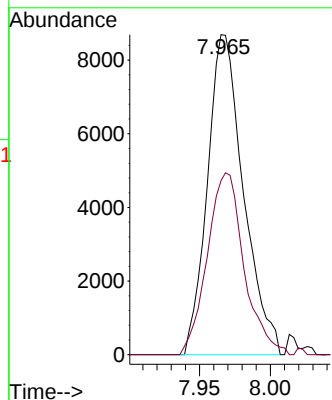
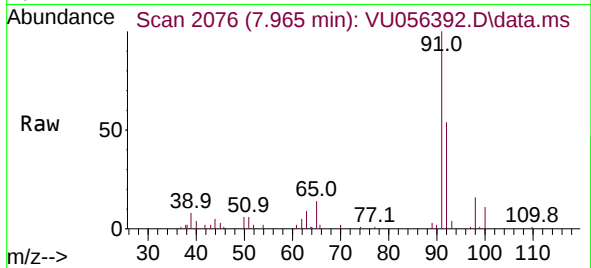
ClientSampleId :

Tgt Ion: 91 Resp: 15390

Ion Ratio Lower Upper

91 100

92 54.3 40.6 75.4



#48

2-Hexanone

Concen: 0.753 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056392.D

Acq: 16 Nov 2023 07:00

Tgt Ion: 43 Resp: 5907

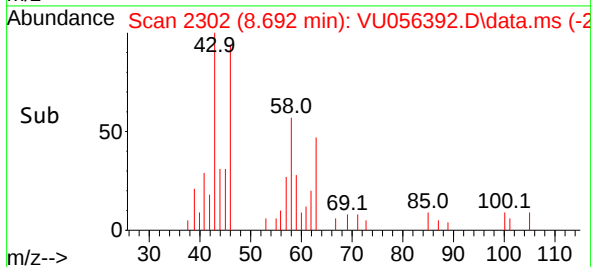
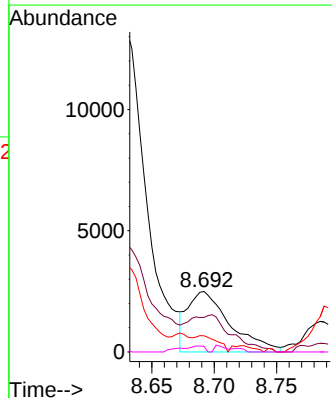
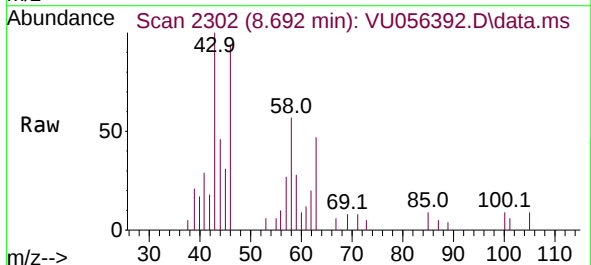
Ion Ratio Lower Upper

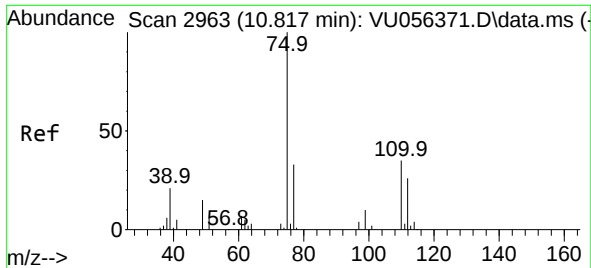
43 100

58 0.0 48.7 73.1#

57 13.9 16.8 25.2#

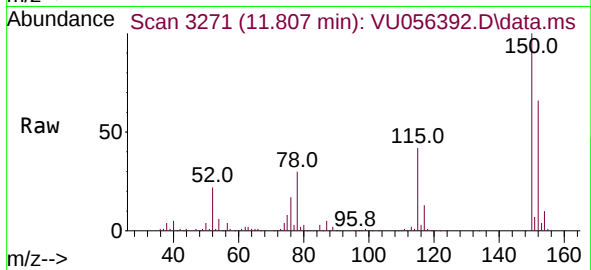
100 5.7 9.9 14.9#





#61  
1,2,3-Trichloropropane  
Concen: 1.445 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU056392.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 15629  
Ion Ratio Lower Upper  
75 100  
110 3.1 30.4 45.6#  
77 33.7 27.0 40.6

