

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111023\  
 Data File : VU056165.D  
 Acq On : 10 Nov 2023 12:28  
 Operator : MD/SY  
 Sample : 05340-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 10 22:20:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 10 22:17:51 2023  
 Response via : Initial Calibration

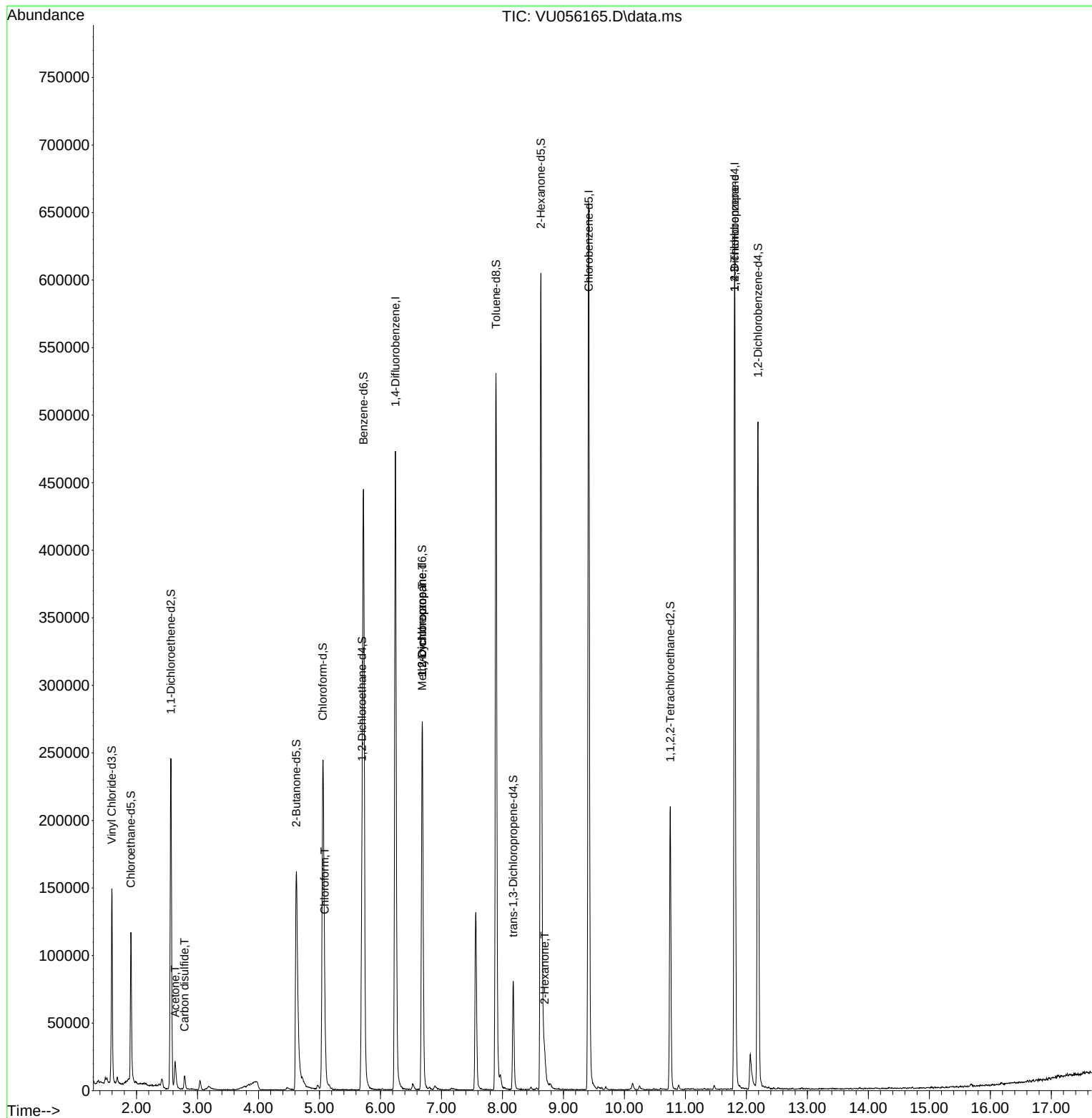
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 395607   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 398897   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 178492   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 102659   | 4.181  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 83.600%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 81722    | 4.904  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 98.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65             | 47137    | 4.357  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 87.200%  |          |
| 20) 2-Butanone-d5             | 4.621  | 46             | 254815   | 63.254 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 126.500% |          |
| 24) Chloroform-d              | 5.055  | 84             | 225458   | 4.823  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65             | 106554   | 5.177  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 103.600% |          |
| 32) Benzene-d6                | 5.721  | 84             | 446933   | 4.665  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 93.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 139115   | 4.933  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.600%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 373563   | 4.255  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 47733    | 4.428  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 88.600%  |          |
| 46) 2-Hexanone-d5             | 8.631  | 63             | 213285   | 60.365 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 120.720% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 105761   | 5.254  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.000% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 137923   | 5.011  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.200% |          |
| Target Compounds              |        |                |          |        |          |          |
| 13) Acetone                   | 2.634  | 43             | 26822    | 9.028  | ug/L     | 100      |
| 14) Carbon disulfide          | 2.788  | 76             | 13571    | 0.157  | ug/L     | 97       |
| 25) Chloroform                | 5.084  | 83             | 43985    | 0.840  | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.682  | 83             | 33110    | 0.714  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63             | 14158    | 0.477  | ug/L #   | 87       |
| 48) 2-Hexanone                | 8.692  | 43             | 15215    | 1.608  | ug/L #   | 92       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75             | 21083    | 1.368  | ug/L #   | 66       |

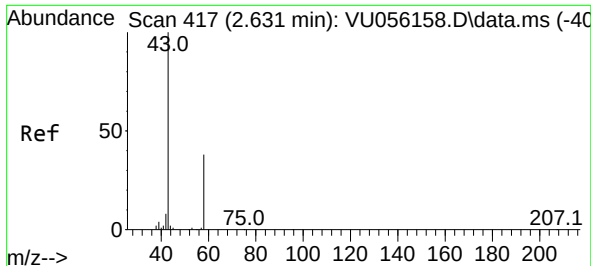
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 22:17:51 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 9.028 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

Lab File: VU056165.D

Acq: 10 Nov 2023 12:28

Instrument :

MSVOA\_U

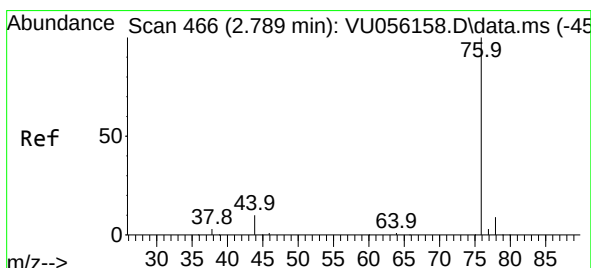
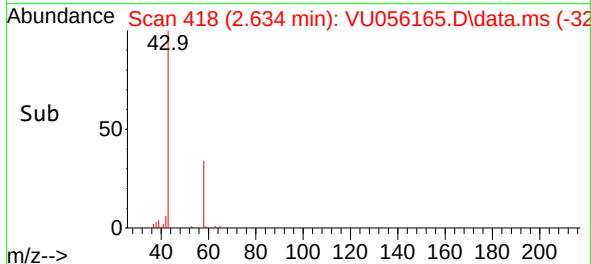
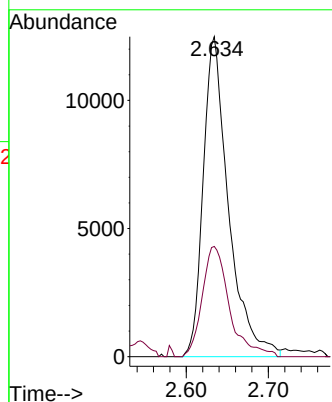
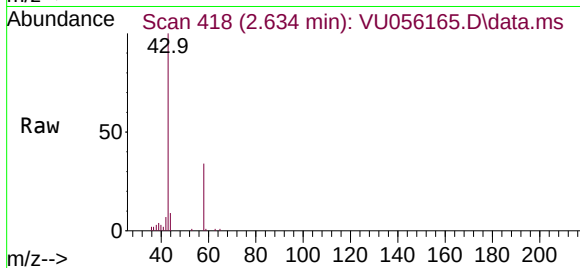
ClientSampleId :

Tgt Ion: 43 Resp: 26822

Ion Ratio Lower Upper

43 100

58 37.0 0.0 74.4



#14

Carbon disulfide

Concen: 0.157 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU056165.D

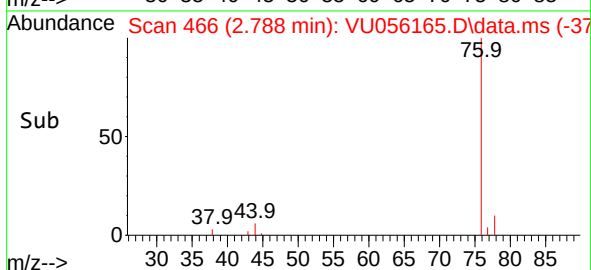
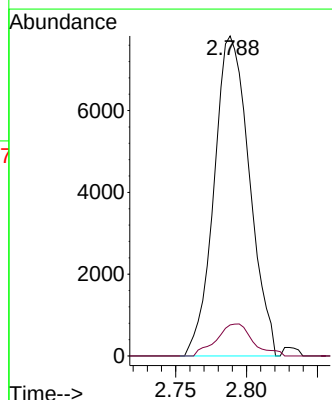
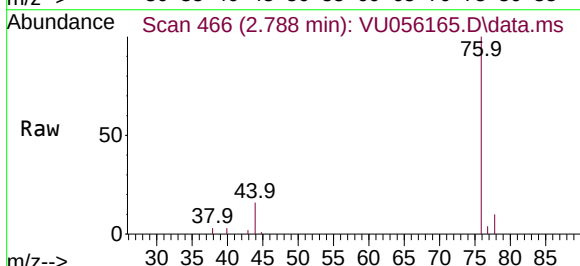
Acq: 10 Nov 2023 12:28

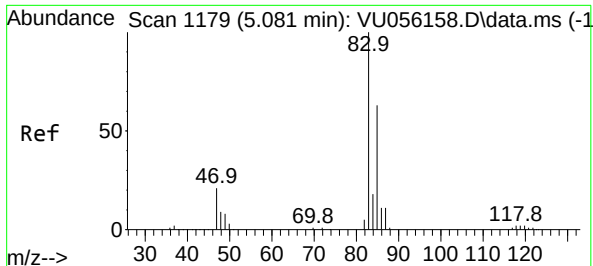
Tgt Ion: 76 Resp: 13571

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6





#25

Chloroform

Concen: 0.840 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU056165.D

Acq: 10 Nov 2023 12:28

Instrument :

MSVOA\_U

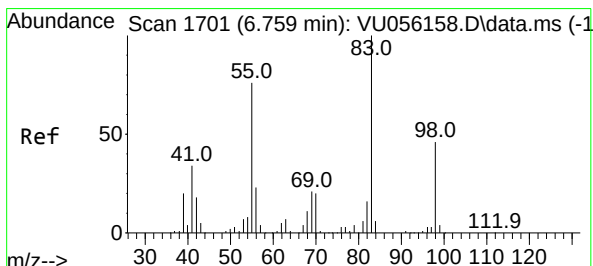
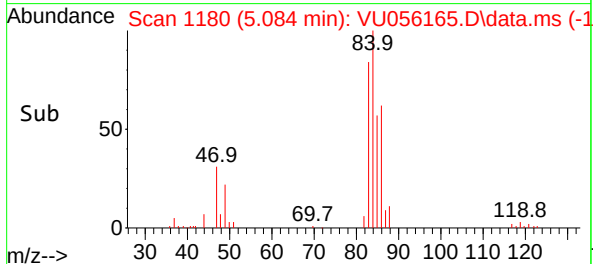
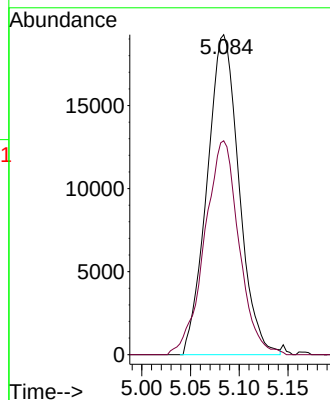
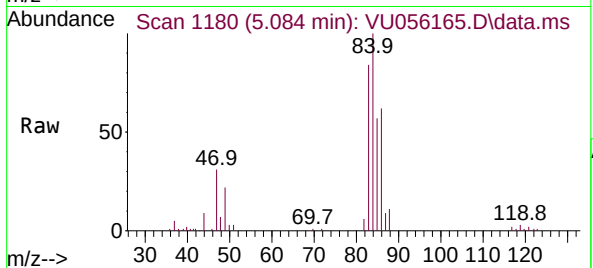
ClientSampleId :

Tgt Ion: 83 Resp: 43985

Ion Ratio Lower Upper

83 100

85 66.9 45.3 84.1



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056165.D

Acq: 10 Nov 2023 12:28

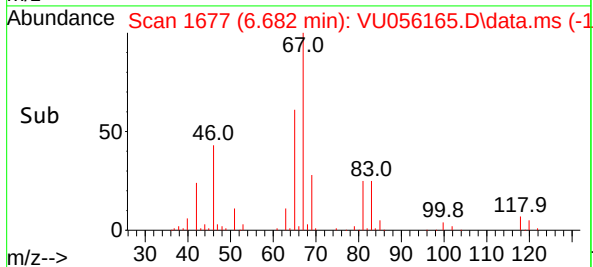
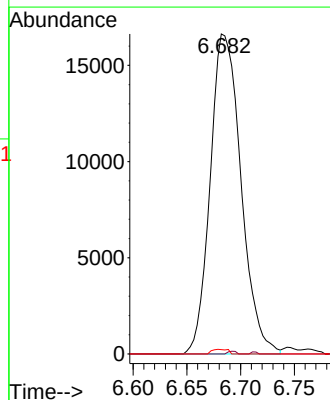
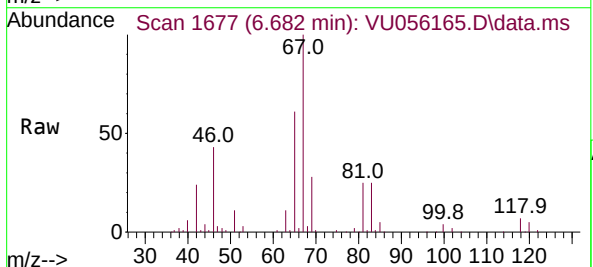
Tgt Ion: 83 Resp: 33110

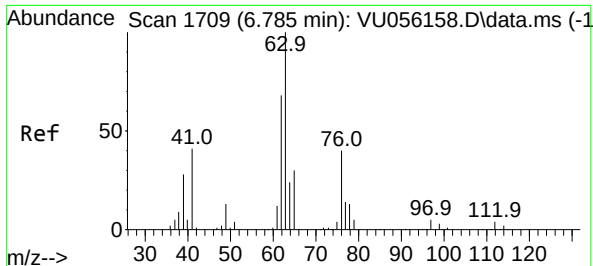
Ion Ratio Lower Upper

83 100

55 0.2 60.6 91.0#

98 0.8 36.2 54.4#

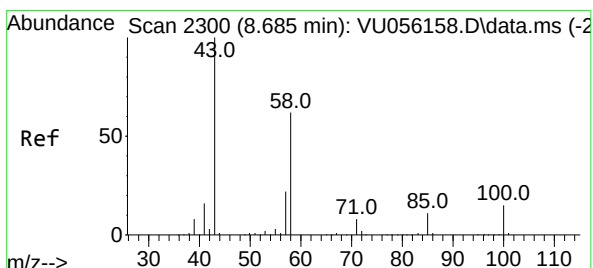
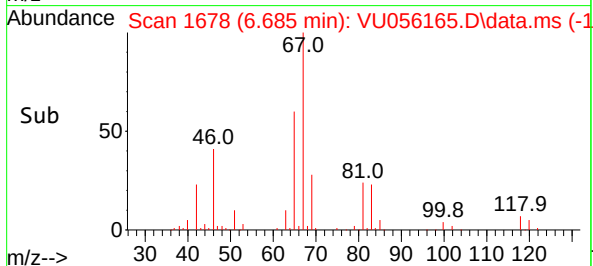
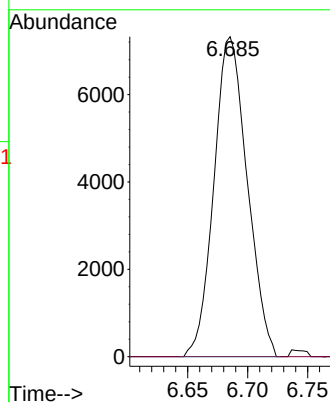
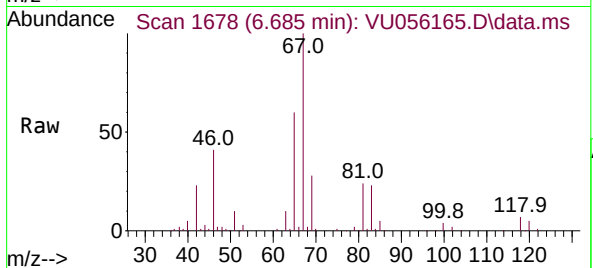




#37  
1,2-Dichloropropane  
Concen: 0.477 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU056165.D  
Acq: 10 Nov 2023 12:28

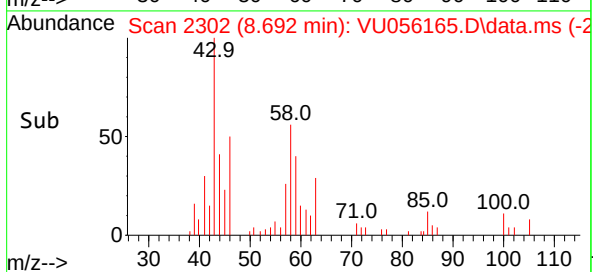
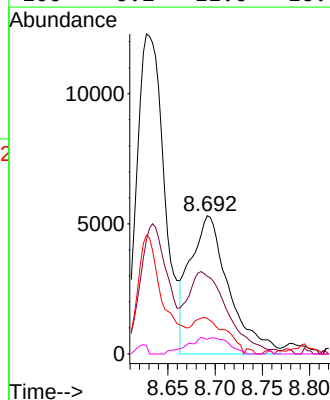
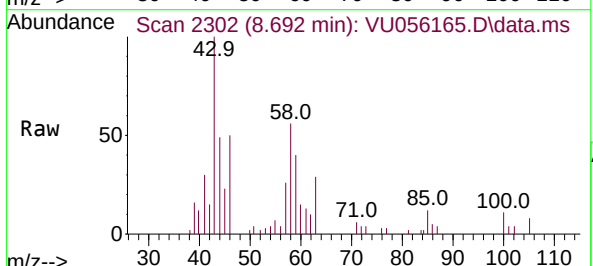
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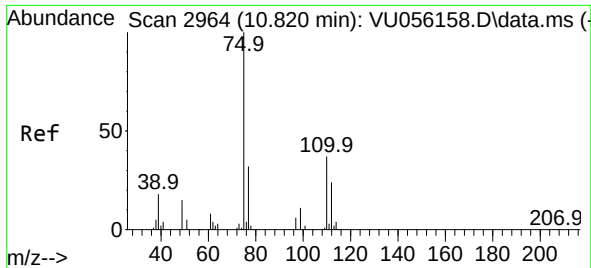
Tgt Ion: 63 Resp: 14158  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.2#



#48  
2-Hexanone  
Concen: 1.608 ug/L  
RT: 8.692 min Scan# 2302  
Delta R.T. 0.006 min  
Lab File: VU056165.D  
Acq: 10 Nov 2023 12:28

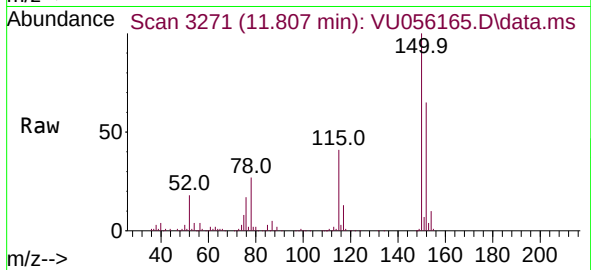
Tgt Ion: 43 Resp: 15215  
Ion Ratio Lower Upper  
43 100  
58 58.0 52.0 78.0  
57 21.7 17.4 26.2  
100 6.2 11.0 16.6#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.368 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.987 min  
 Lab File: VU056165.D  
 Acq: 10 Nov 2023 12:28

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 21083  
 Ion Ratio Lower Upper  
 75 100  
 110 2.0 29.7 44.5#  
 77 29.6 25.5 38.3

