

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111123\  
 Data File : VU056243.D  
 Acq On : 12 Nov 2023 02:34  
 Operator : MD/SY  
 Sample : 05372-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 12 03:15:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR110723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Nov 11 22:15:12 2023  
 Response via : Initial Calibration

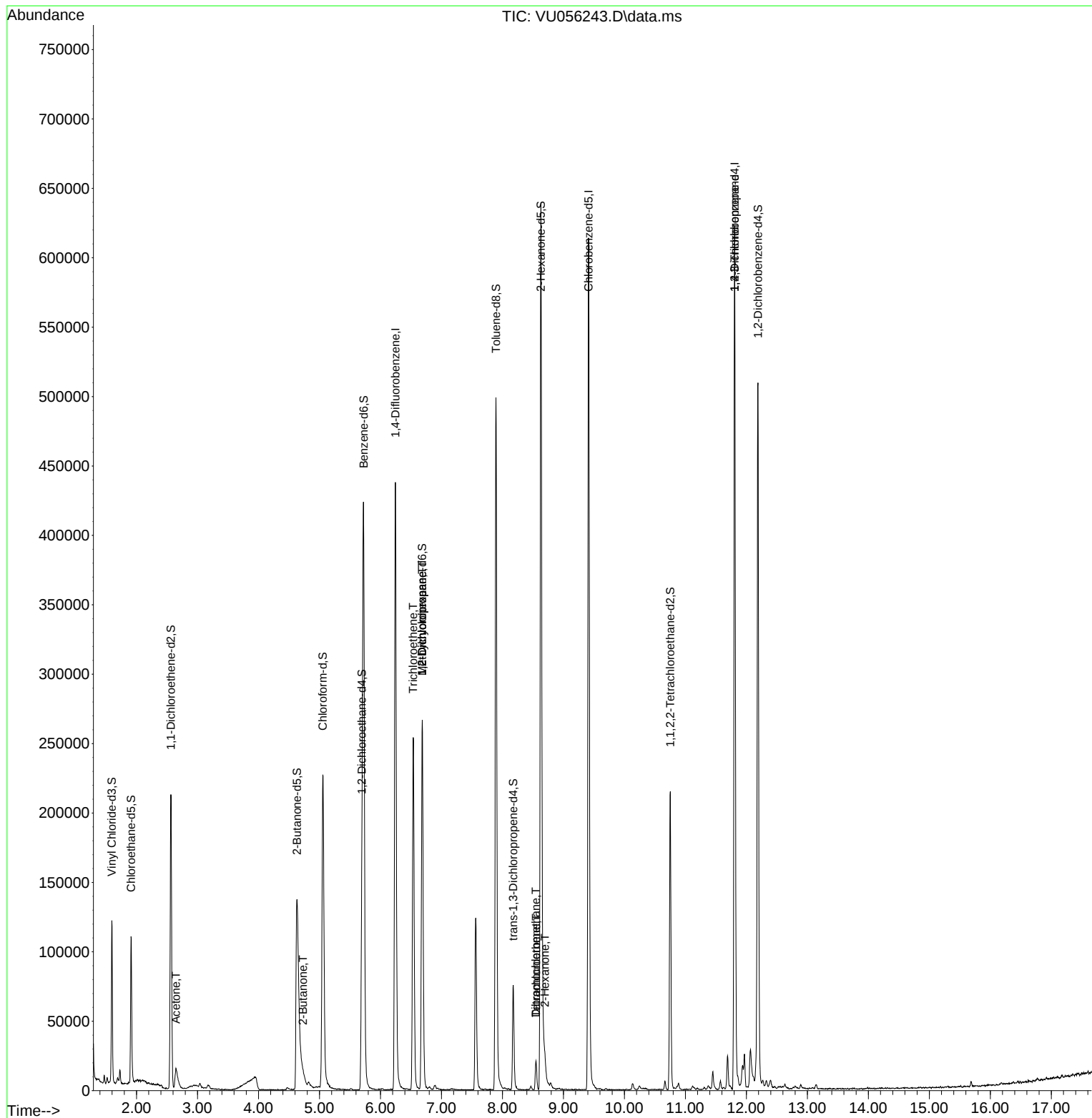
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 372031   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 369468   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 171236   | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 83183    | 3.602    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.000%   |
| 7) Chloroethane-d5            | 1.911  | 69    | 78955    | 5.038    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 40298    | 3.961    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.200%   |
| 20) 2-Butanone-d5             | 4.631  | 46    | 278761   | 73.584   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 147.160%# |
| 24) Chloroform-d              | 5.055  | 84    | 219792   | 5.000    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 100.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 105161   | 5.433    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 428061   | 4.824    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.400%   |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 136825   | 5.238    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 104.800%  |
| 41) Toluene-d8                | 7.894  | 98    | 356870   | 4.389    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 87.800%   |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 46141    | 4.621    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 92.400%   |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 229140   | 70.018   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 140.040%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 109535   | 5.875    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 117.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 138545   | 5.247    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.000%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 13) Acetone                   | 2.647  | 43    | 30504    | 10.918   | ug/L   | 96        |
| 21) 2-Butanone                | 4.730  | 43    | 9418     | 2.044    | ug/L # | 68        |
| 34) Trichloroethene           | 6.537  | 95    | 91488    | 3.166    | ug/L   | 97        |
| 35) Methylcyclohexane         | 6.685  | 83    | 31330    | 0.729    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 14204    | 0.516    | ug/L # | 88        |
| 47) Tetrachloroethene         | 8.553  | 164   | 5105     | 0.235    | ug/L   | 86        |
| 48) 2-Hexanone                | 8.695  | 43    | 11364    | 1.297    | ug/L # | 89        |
| 49) Dibromochloromethane      | 8.547  | 129   | 4578     | 0.212    | ug/L # | 10        |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 19386    | 1.312    | ug/L # | 69        |
| -----                         |        |       |          |          |        |           |

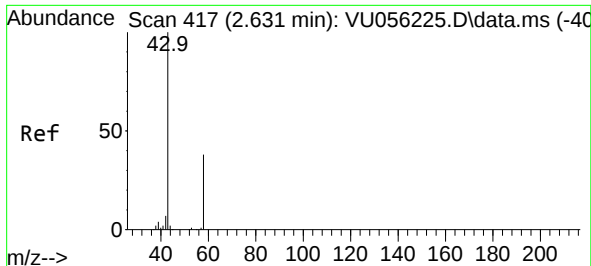
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 11 22:15:12 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 10.918 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU056243.D

Acq: 12 Nov 2023 02:34

Instrument :

MSVOA\_U

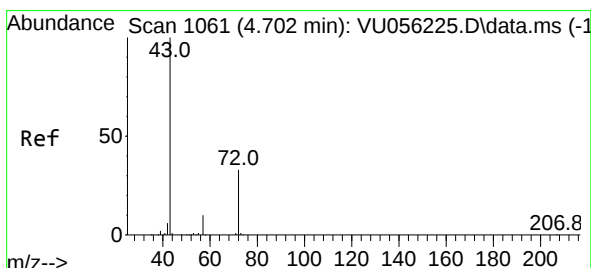
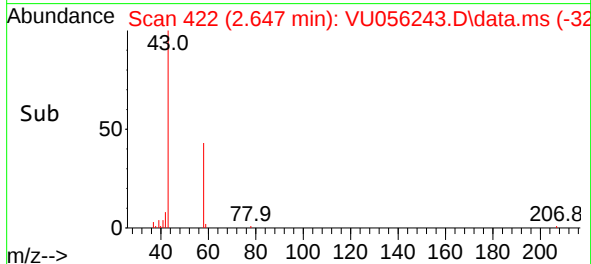
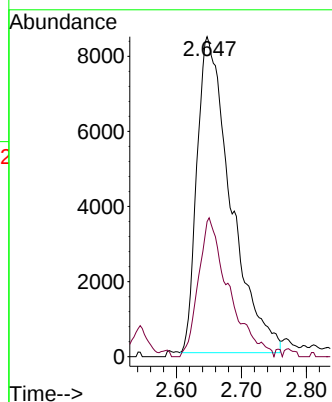
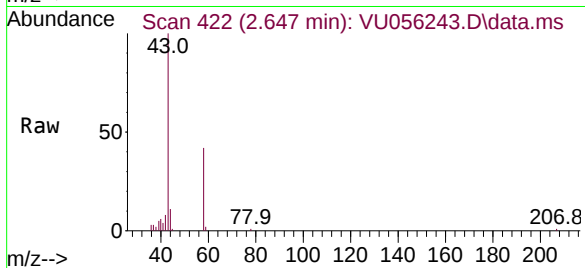
ClientSampleId :

Tgt Ion: 43 Resp: 30504

Ion Ratio Lower Upper

43 100

58 39.4 0.0 74.4



#21

2-Butanone

Concen: 2.044 ug/L

RT: 4.730 min Scan# 1070

Delta R.T. 0.029 min

Lab File: VU056243.D

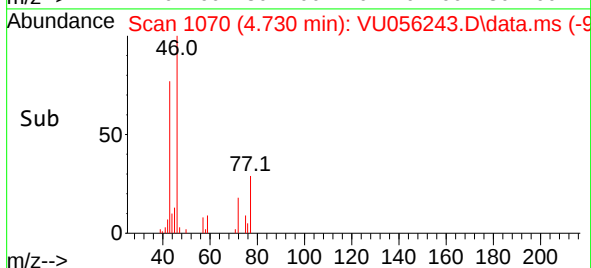
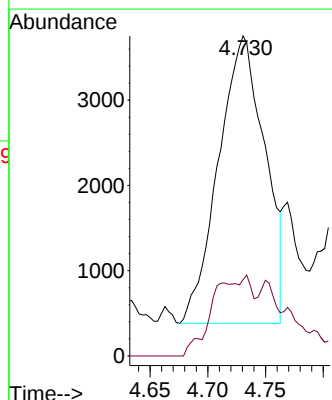
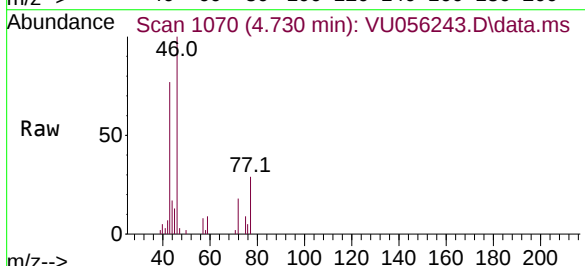
Acq: 12 Nov 2023 02:34

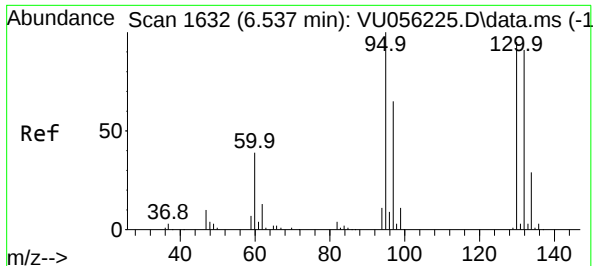
Tgt Ion: 43 Resp: 9418

Ion Ratio Lower Upper

43 100

72 13.4 15.7 47.0#

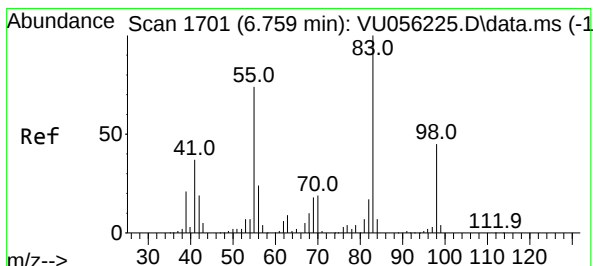
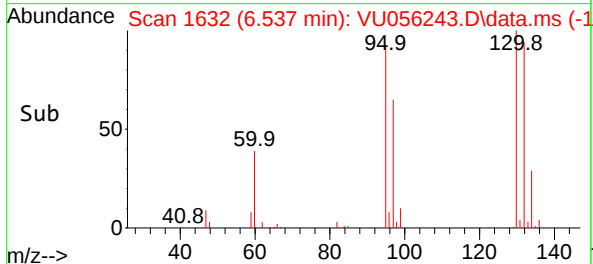
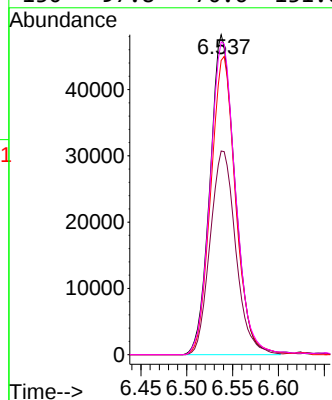
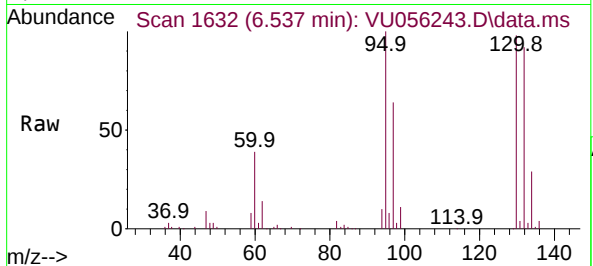




#34  
Trichloroethene  
Concen: 3.166 ug/L  
RT: 6.537 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

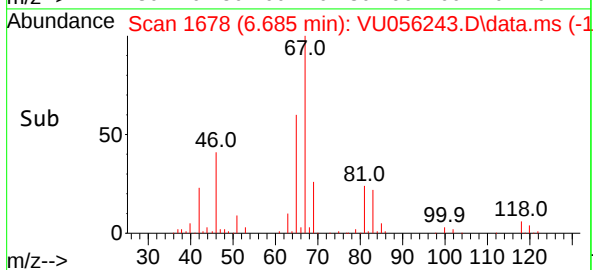
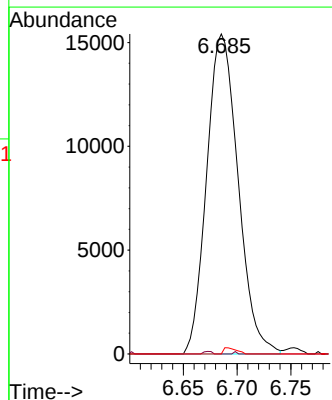
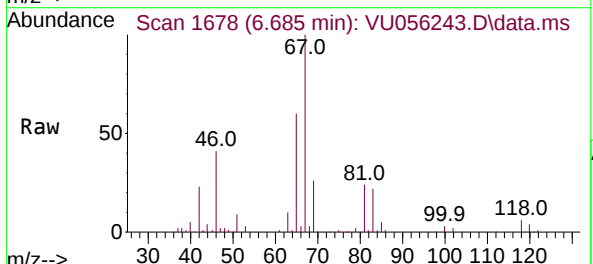
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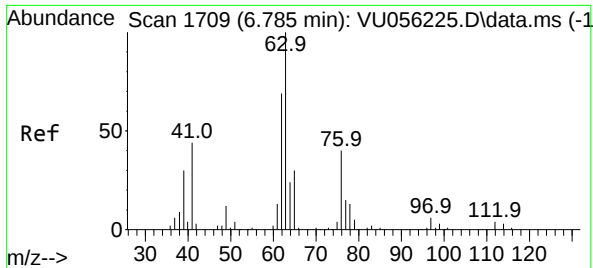
Tgt Ion: 95 Resp: 91488  
Ion Ratio Lower Upper  
95 100  
97 63.7 46.8 87.0  
132 92.0 66.5 123.5  
130 97.8 70.6 131.0



#35  
Methylcyclohexane  
Concen: 0.729 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

Tgt Ion: 83 Resp: 31330  
Ion Ratio Lower Upper  
83 100  
55 0.1 60.6 91.0#  
98 0.8 36.2 54.4#

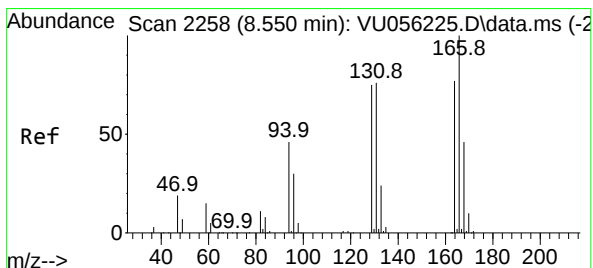
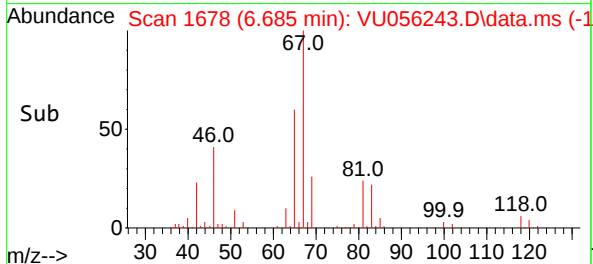
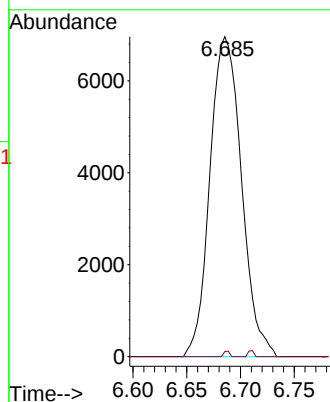
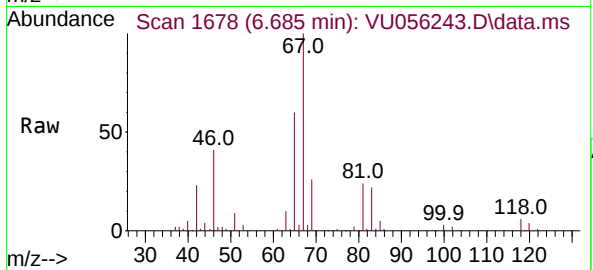




#37  
1,2-Dichloropropane  
Concen: 0.516 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

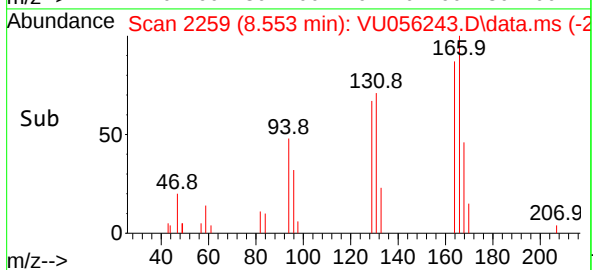
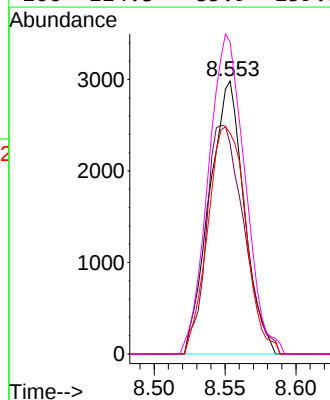
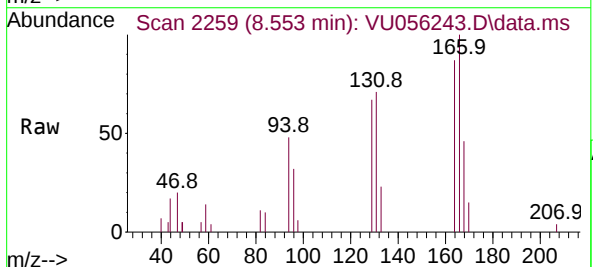
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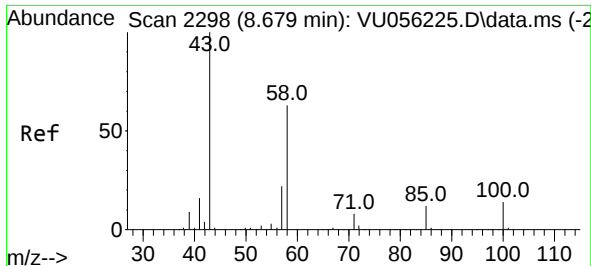
Tgt Ion: 63 Resp: 14204  
Ion Ratio Lower Upper  
63 100  
112 0.3 3.4 5.2#



#47  
Tetrachloroethene  
Concen: 0.235 ug/L  
RT: 8.553 min Scan# 2259  
Delta R.T. 0.003 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

Tgt Ion:164 Resp: 5105  
Ion Ratio Lower Upper  
164 100  
129 77.1 66.6 123.8  
131 80.9 67.8 126.0  
166 114.3 85.9 159.5

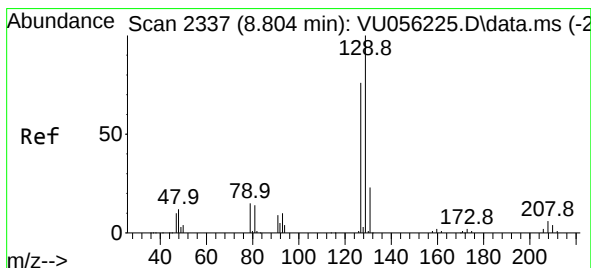
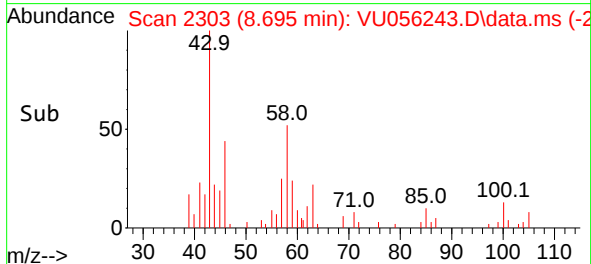
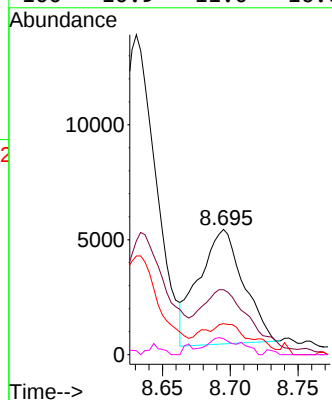
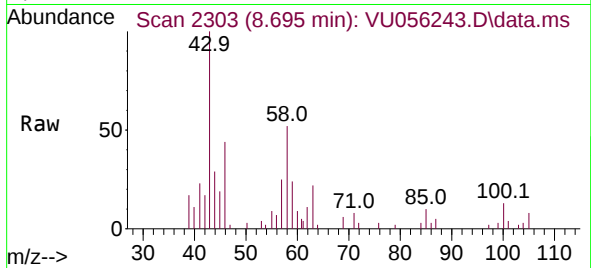




#48  
2-Hexanone  
Concen: 1.297 ug/L  
RT: 8.695 min Scan# 211  
Delta R.T. 0.016 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

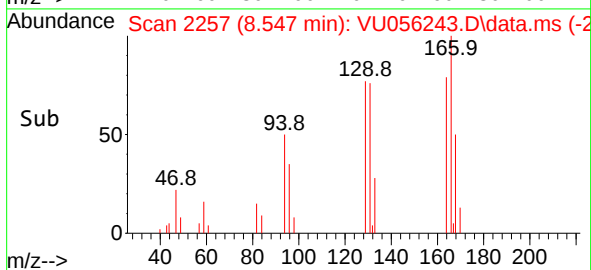
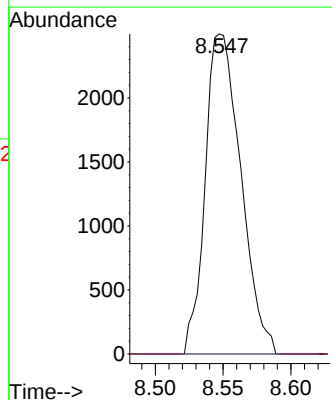
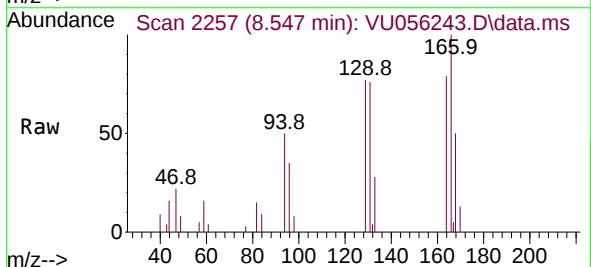
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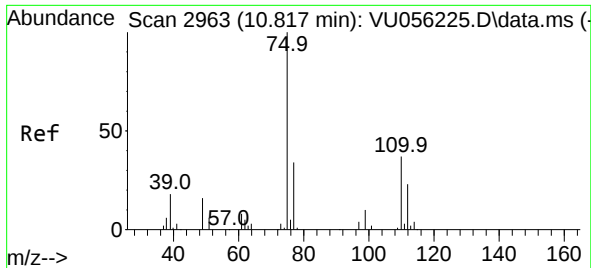
Tgt Ion: 43 Resp: 11364  
Ion Ratio Lower Upper  
43 100  
58 58.0 52.0 78.0  
57 30.7 17.4 26.2#  
100 10.9 11.0 16.6#



#49  
Dibromochloromethane  
Concen: 0.212 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.257 min  
Lab File: VU056243.D  
Acq: 12 Nov 2023 02:34

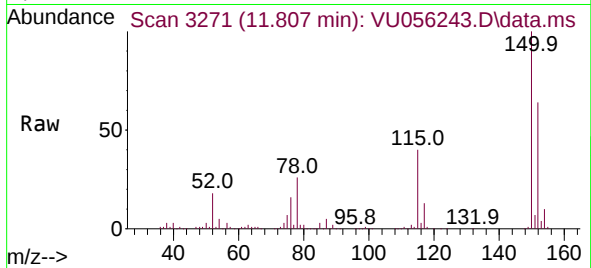
Tgt Ion: 129 Resp: 4578  
Ion Ratio Lower Upper  
129 100  
127 0.0 55.4 102.8#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.312 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU056243.D  
 Acq: 12 Nov 2023 02:34

Instrument :  
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 ClientSampleId :



Tgt Ion: 75 Resp: 19386  
 Ion Ratio Lower Upper  
 75 100  
 110 2.5 29.7 44.5#  
 77 31.8 25.5 38.3

