

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111523\  
 Data File : VU056367.D  
 Acq On : 15 Nov 2023 20:04  
 Operator : MD/SY  
 Sample : 05372-07RE  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 16 04:42:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Nov 16 04:37:29 2023  
 Response via : Initial Calibration

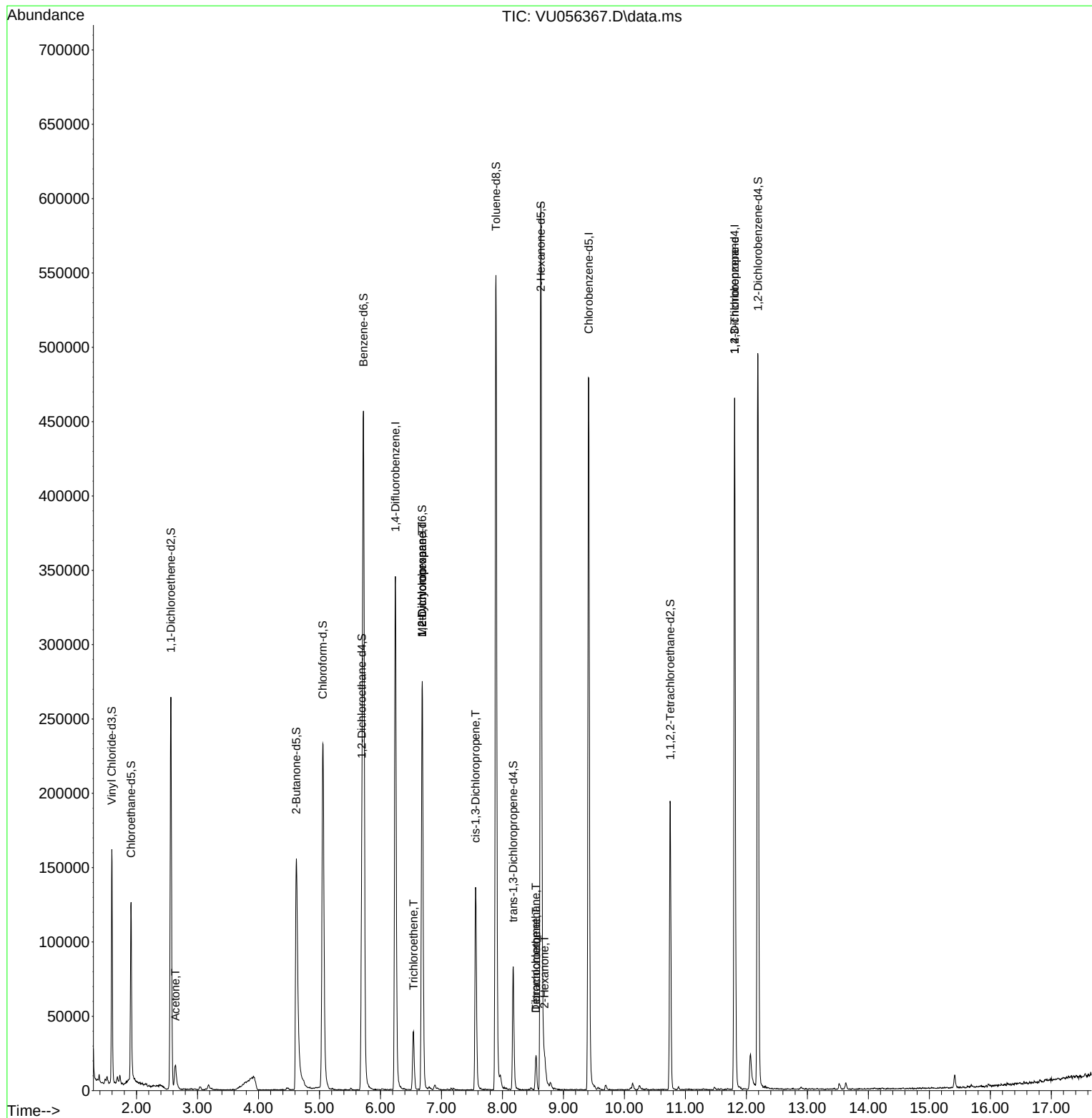
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 6.245     | 114            | 281579   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415     | 117            | 281909   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807    | 152            | 123481   | 5.000      | ug/L   | 0.00     |
|                               |           |                |          |            |        |          |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.595     | 65             | 113845   | 5.405      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 108.200% |        |          |
| 7) Chloroethane-d5            | 1.911     | 69             | 88199    | 5.462      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 109.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.563     | 65             | 50823    | 5.468      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 109.400% |        |          |
| 20) 2-Butanone-d5             | 4.621     | 46             | 253869   | 60.450     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 120.900% |        |          |
| 24) Chloroform-d              | 5.055     | 84             | 219140   | 5.379      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 107.600% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.695     | 65             | 111160   | 5.905      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 118.200% |        |          |
| 32) Benzene-d6                | 5.721     | 84             | 440415   | 5.244      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 104.800% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685     | 67             | 135521   | 5.354      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 107.000% |        |          |
| 41) Toluene-d8                | 7.894     | 98             | 378883   | 5.108      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 102.200% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.177     | 79             | 49121    | 5.060      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 101.200% |        |          |
| 46) 2-Hexanone-d5             | 8.631     | 63             | 209023   | 54.786     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 109.580% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753    | 84             | 96809    | 5.352      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 107.000% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190    | 152            | 132235   | 5.797      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 116.000% |        |          |
|                               |           |                |          |            |        |          |
| Target Compounds              |           |                |          |            |        | Qvalue   |
| 13) Acetone                   | 2.637     | 43             | 24664    | 6.895      | ug/L   | 96       |
| 34) Trichloroethene           | 6.544     | 95             | 13101    | 0.598      | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.685     | 83             | 31870    | 1.007      | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.685     | 63             | 14770    | 0.704      | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.560     | 75             | 3459     | 0.112      | ug/L # | 79       |
| 47) Tetrachloroethene         | 8.553     | 164            | 4923     | 0.333      | ug/L   | 96       |
| 48) 2-Hexanone                | 8.688     | 43             | 13021    | 1.607      | ug/L # | 83       |
| 49) Dibromochloromethane      | 8.547     | 129            | 5722     | 0.360      | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.807    | 75             | 14464    | 1.365      | ug/L # | 68       |
| -----                         |           |                |          |            |        |          |

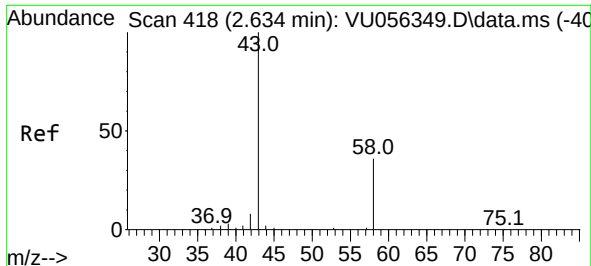
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Nov 16 04:37:29 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 6.895 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056367.D

Acq: 15 Nov 2023 20:04

Instrument :

MSVOA\_U

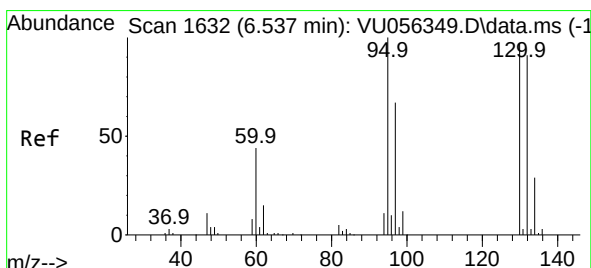
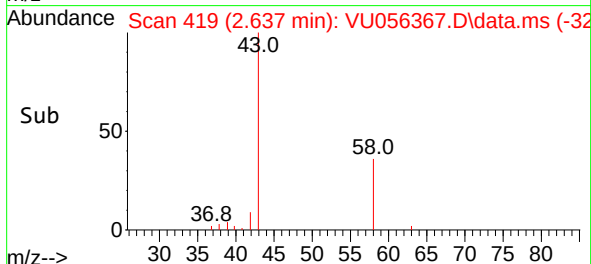
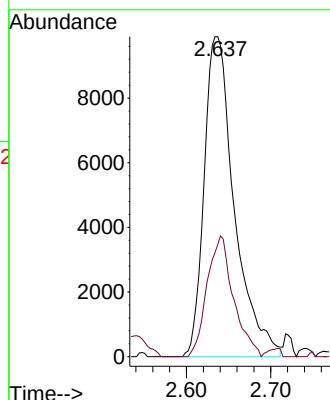
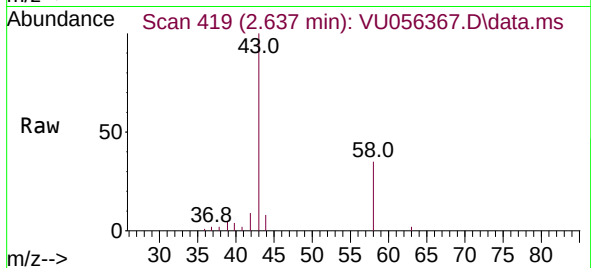
ClientSampleId :

Tgt Ion: 43 Resp: 24664

Ion Ratio Lower Upper

43 100

58 32.9 0.0 70.0



#34

Trichloroethene

Concen: 0.598 ug/L

RT: 6.544 min Scan# 1634

Delta R.T. 0.006 min

Lab File: VU056367.D

Acq: 15 Nov 2023 20:04

Tgt Ion: 95 Resp: 13101

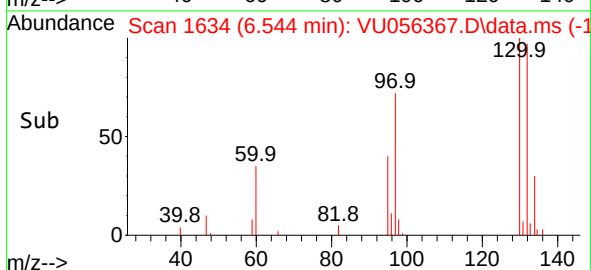
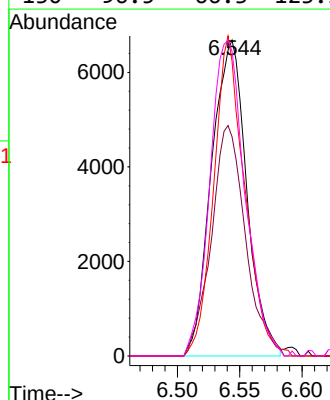
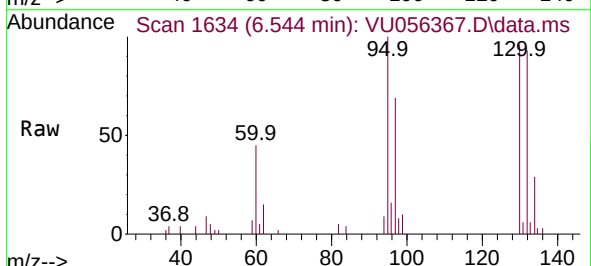
Ion Ratio Lower Upper

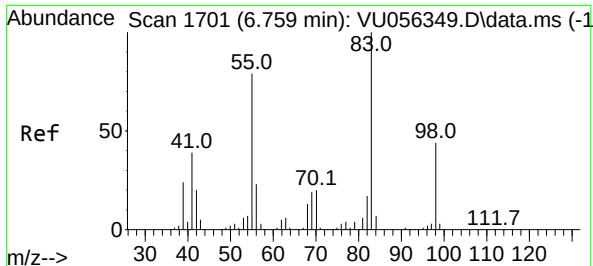
95 100

97 69.4 46.5 86.3

132 93.4 62.0 115.2

130 96.5 66.3 123.1

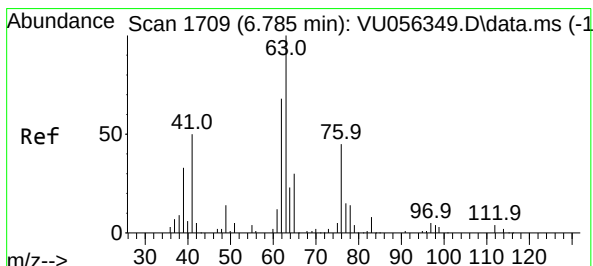
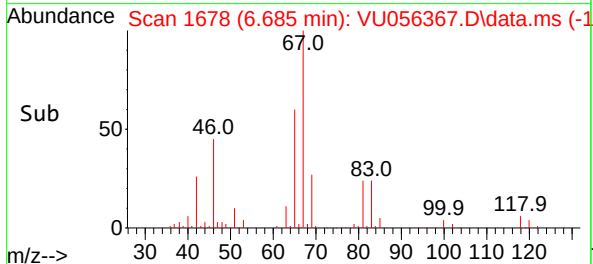
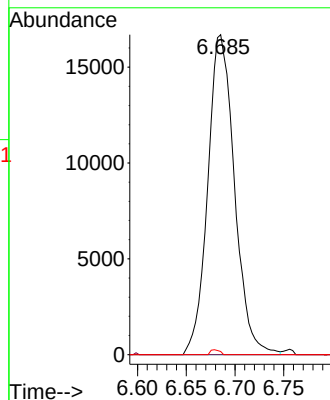
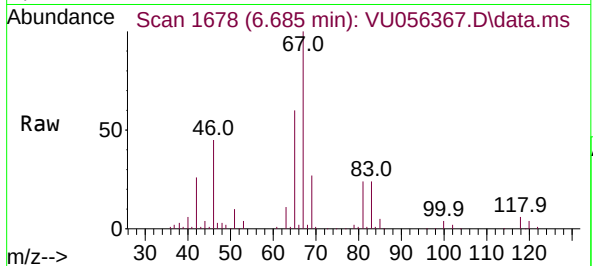




#35  
Methylcyclohexane  
Concen: 1.007 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.074 min  
Lab File: VU056367.D  
Acq: 15 Nov 2023 20:04

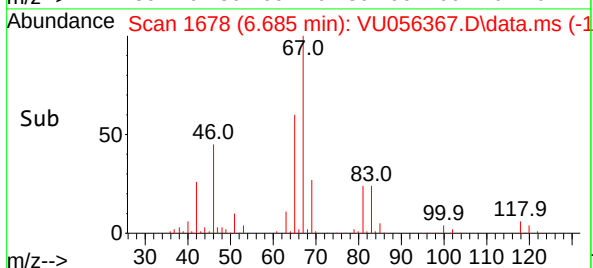
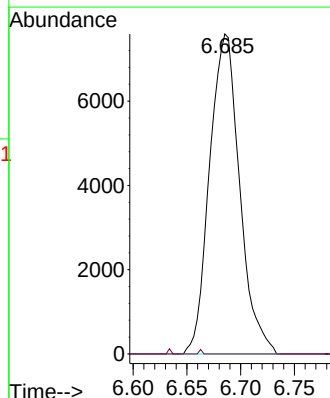
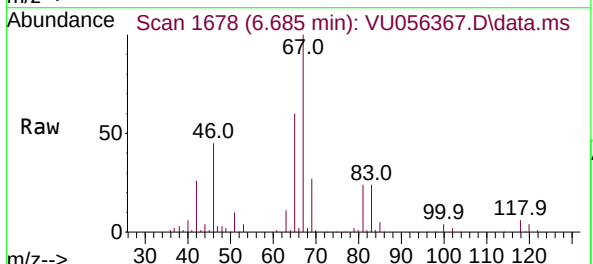
Instrument :  
MSVOA\_U  
ClientSampleId :

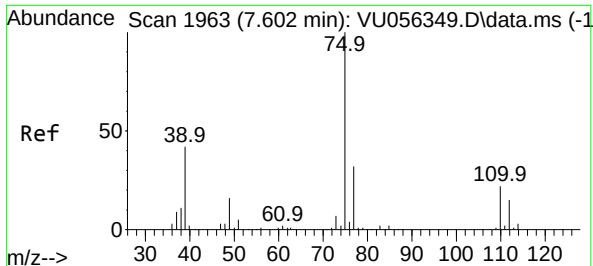
Tgt Ion: 83 Resp: 31870  
Ion Ratio Lower Upper  
83 100  
55 0.6 62.9 94.3#  
98 0.5 35.3 52.9#



#37  
1,2-Dichloropropane  
Concen: 0.704 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.100 min  
Lab File: VU056367.D  
Acq: 15 Nov 2023 20:04

Tgt Ion: 63 Resp: 14770  
Ion Ratio Lower Upper  
63 100  
112 0.1 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU056367.D

Acq: 15 Nov 2023 20:04

Instrument :

MSVOA\_U

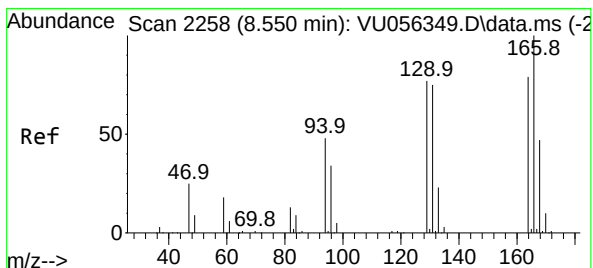
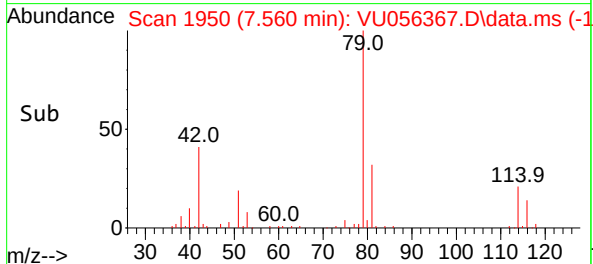
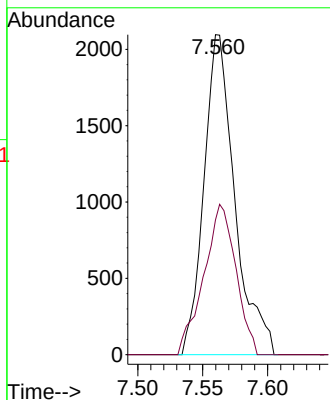
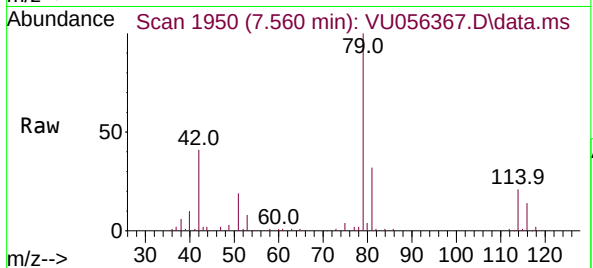
ClientSampleId :

Tgt Ion: 75 Resp: 3459

Ion Ratio Lower Upper

75 100

77 42.1 21.5 39.9#



#47

Tetrachloroethene

Concen: 0.333 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU056367.D

Acq: 15 Nov 2023 20:04

Tgt Ion: 164 Resp: 4923

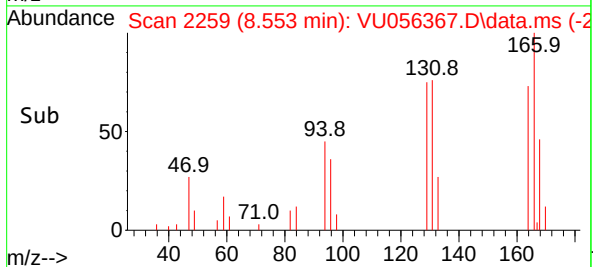
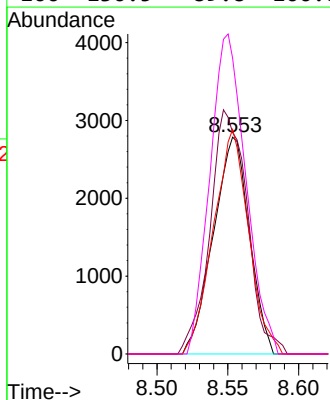
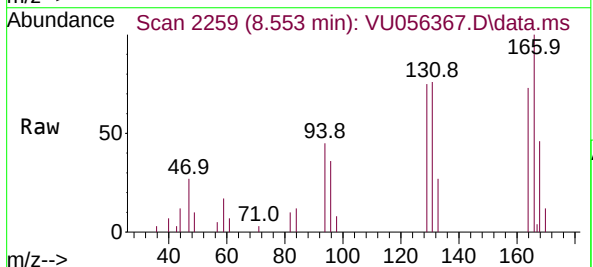
Ion Ratio Lower Upper

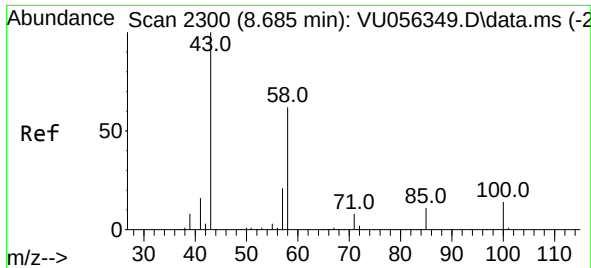
164 100

129 102.2 71.0 131.9

131 103.6 70.3 130.7

166 136.5 89.8 166.8

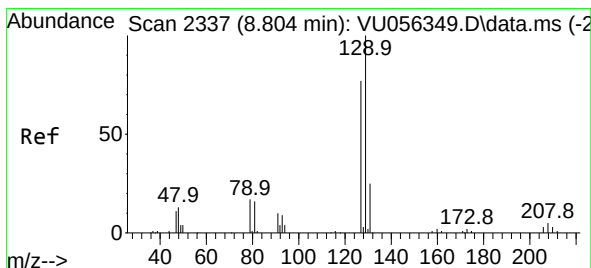
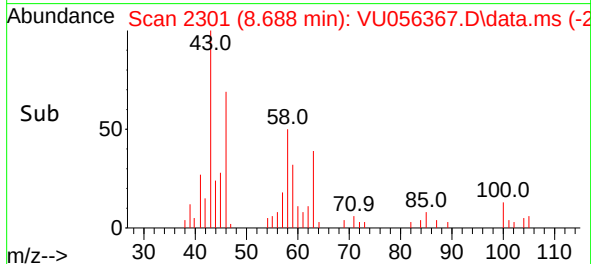
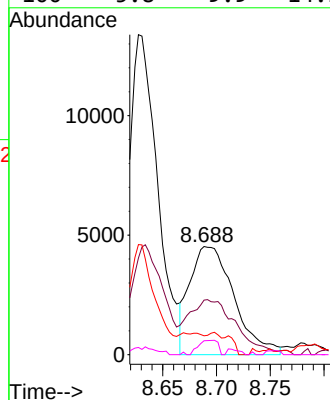
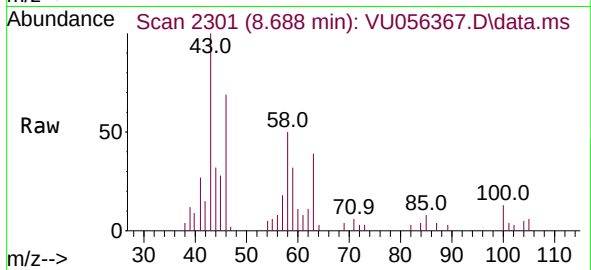




#48  
2-Hexanone  
Concen: 1.607 ug/L  
RT: 8.688 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU056367.D  
Acq: 15 Nov 2023 20:04

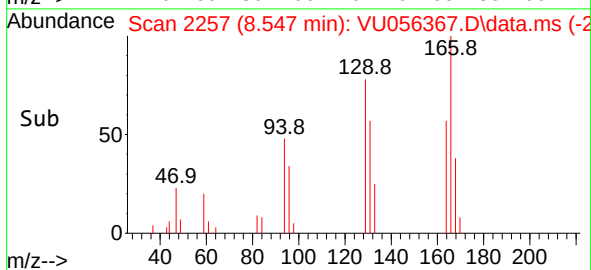
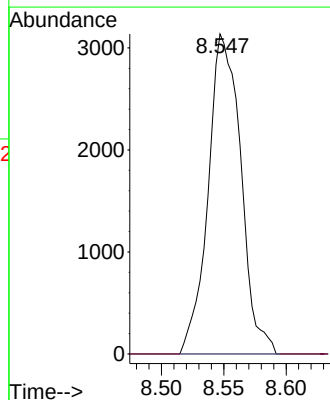
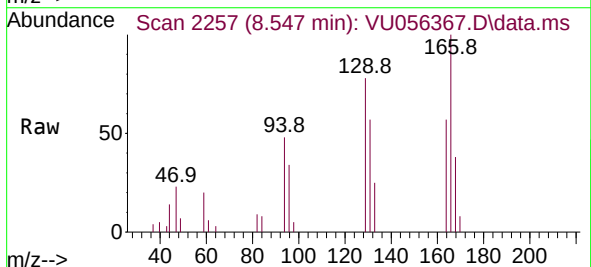
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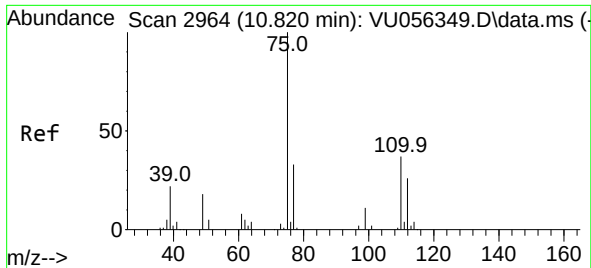
Tgt Ion: 43 Resp: 13021  
Ion Ratio Lower Upper  
43 100  
58 50.6 48.7 73.1  
57 9.0 16.8 25.2#  
100 5.8 9.9 14.9#



#49  
Dibromochloromethane  
Concen: 0.360 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.257 min  
Lab File: VU056367.D  
Acq: 15 Nov 2023 20:04

Tgt Ion: 129 Resp: 5722  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.9 98.3#





#61

1,2,3-Trichloropropane

Concen: 1.365 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

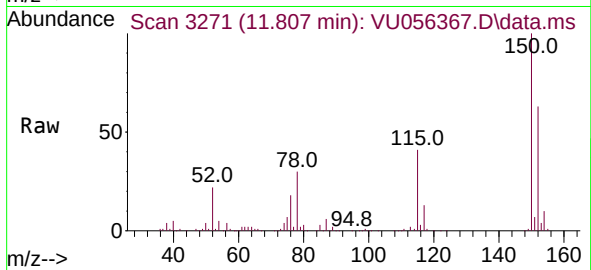
Lab File: VU056367.D

Acq: 15 Nov 2023 20:04

Instrument :

MSVOA\_U

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 14464 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.9   | 30.4  | 45.6# |
| 77       | 33.0  | 27.0  | 40.6  |

