

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062824\  
 Data File : VU059578.D  
 Acq On : 27 Jun 2024 21:28  
 Operator : MD/SY  
 Sample : P3006-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 28 00:56:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 28 00:50:04 2024  
 Response via : Initial Calibration

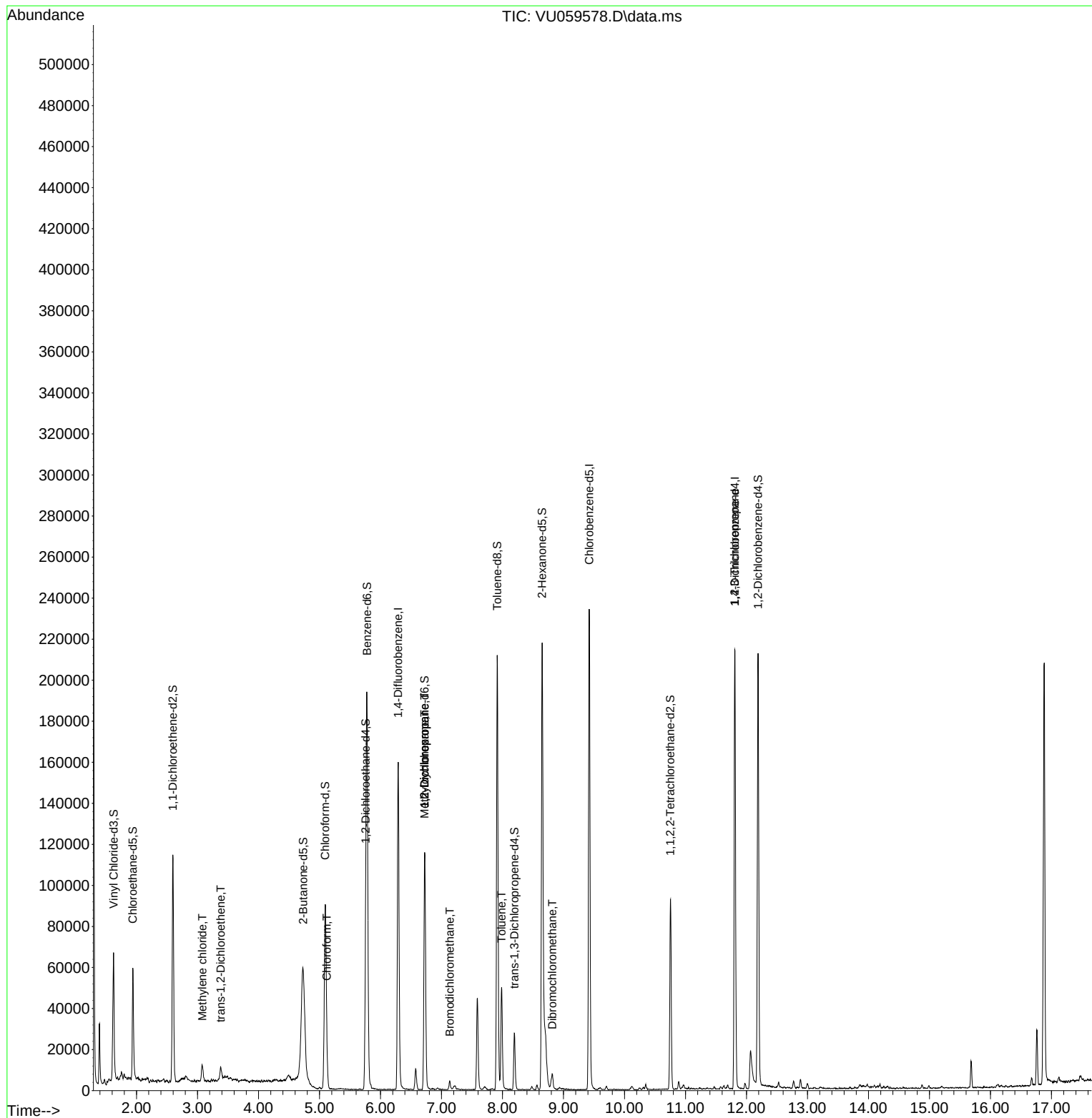
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.290  | 114   | 129014   | 5.000    | ug/L   | 0.04      |
| 28) Chlorobenzene-d5          | 9.421  | 117   | 138030   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 61544    | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.624  | 65    | 43304    | 4.827    | ug/L   | 0.03      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 96.600%   |
| 7) Chloroethane-d5            | 1.939  | 69    | 43295    | 5.016    | ug/L   | 0.03      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.595  | 65    | 20964    | 5.633    | ug/L   | 0.04      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 112.600%  |
| 20) 2-Butanone-d5             | 4.730  | 46    | 142833   | 77.295   | ug/L   | 0.12      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 154.580%# |
| 24) Chloroform-d              | 5.094  | 84    | 88301    | 4.795    | ug/L   | 0.04      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%   |
| 26) 1,2-Dichloroethane-d4     | 5.756  | 65    | 44548    | 5.022    | ug/L   | 0.06      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.400%  |
| 32) Benzene-d6                | 5.778  | 84    | 176815   | 4.654    | ug/L   | 0.06      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.000%   |
| 36) 1,2-Dichloropropane-d6    | 6.724  | 67    | 58186    | 4.999    | ug/L   | 0.04      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.000%  |
| 41) Toluene-d8                | 7.913  | 98    | 146030   | 4.135    | ug/L   | 0.02      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.800%   |
| 43) trans-1,3-Dichloroprop... | 8.193  | 79    | 16986    | 4.660    | ug/L   | 0.02      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.200%   |
| 46) 2-Hexanone-d5             | 8.650  | 63    | 75777    | 50.034   | ug/L   | 0.02      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.060%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 47799    | 4.970    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.400%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 58119    | 5.306    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 106.200%  |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          |        | Qvalue    |
| 16) Methylene chloride        | 3.078  | 84    | 3761     | 0.347    | ug/L   | 98        |
| 18) trans-1,2-Dichloroethene  | 3.380  | 96    | 2277     | 0.239    | ug/L   | 92        |
| 25) Chloroform                | 5.119  | 83    | 6010     | 0.325    | ug/L   | 97        |
| 35) Methylcyclohexane         | 6.721  | 83    | 13485    | 0.835    | ug/L # | 19        |
| 37) 1,2-Dichloropropane       | 6.724  | 63    | 5988     | 0.552    | ug/L # | 90        |
| 38) Bromodichloromethane      | 7.135  | 83    | 3007     | 0.222    | ug/L   | 96        |
| 42) Toluene                   | 7.984  | 91    | 37695    | 0.849    | ug/L   | 97        |
| 49) Dibromochloromethane      | 8.817  | 129   | 2819     | 0.318    | ug/L   | 98        |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 6482     | 1.140    | ug/L # | 68        |
| -----                         |        |       |          |          |        |           |

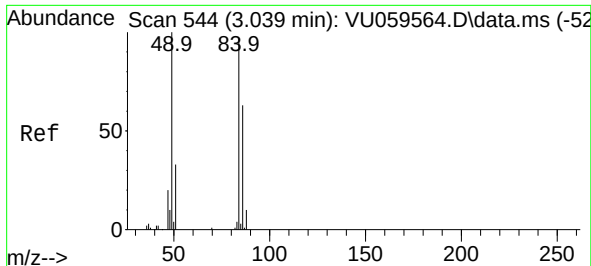
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 28 00:50:04 2024  
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.347 ug/L

RT: 3.078 min Scan# 544

Delta R.T. 0.039 min

Lab File: VU059578.D

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MSVOA\_U

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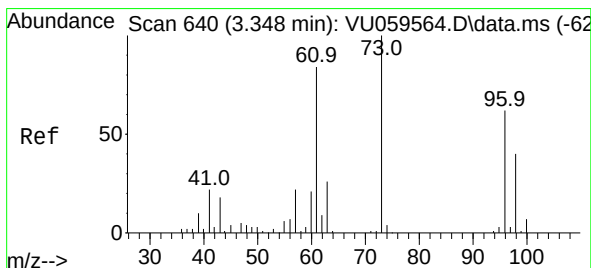
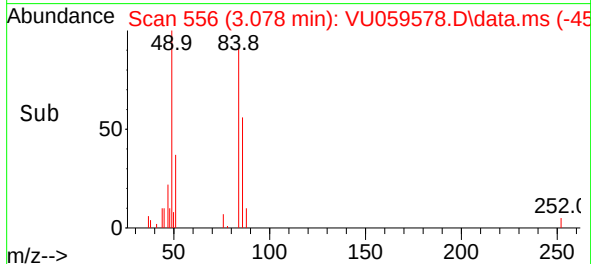
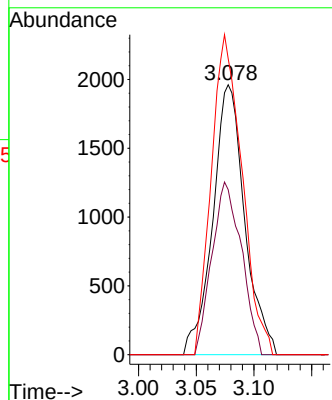
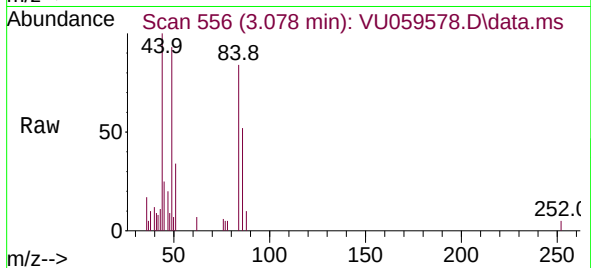
Tgt Ion: 84 Resp: 3761

Ion Ratio Lower Upper

84 100

86 61.1 42.1 78.1

49 117.9 80.6 149.8



#18

trans-1,2-Dichloroethene

Concen: 0.239 ug/L

RT: 3.380 min Scan# 650

Delta R.T. 0.032 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

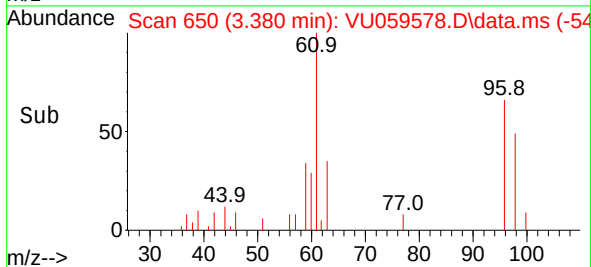
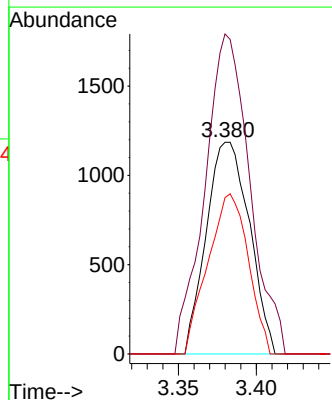
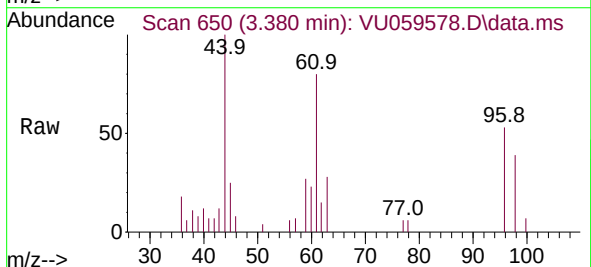
Tgt Ion: 96 Resp: 2277

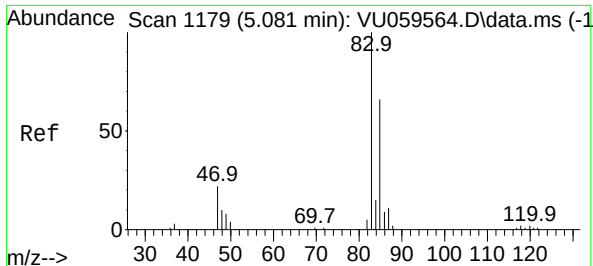
Ion Ratio Lower Upper

96 100

61 151.2 101.8 189.0

98 73.8 43.3 80.5

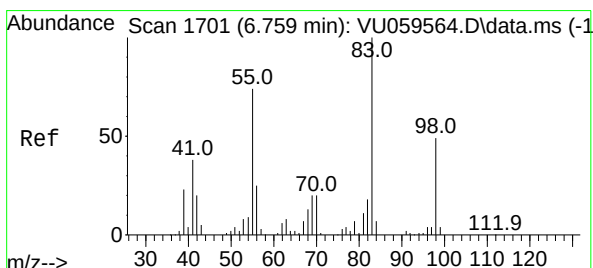
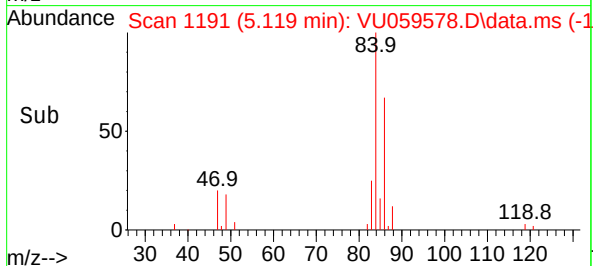
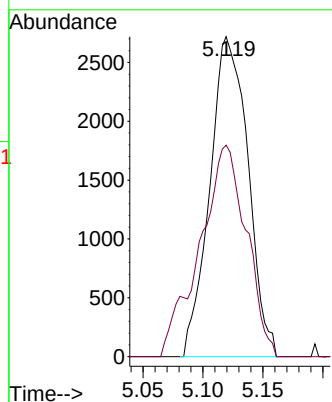
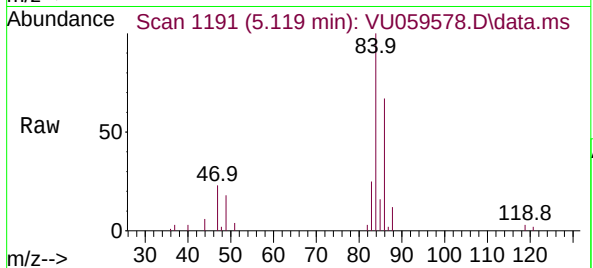




#25  
Chloroform  
Concen: 0.325 ug/L  
RT: 5.119 min Scan# 1179  
Delta R.T. 0.039 min  
Lab File: VU059578.D  
Acq: 27 Jun 2024 21:28

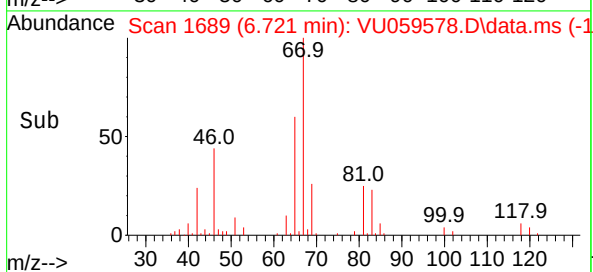
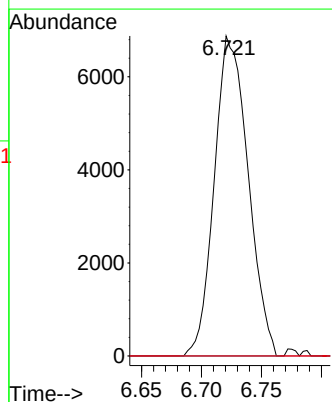
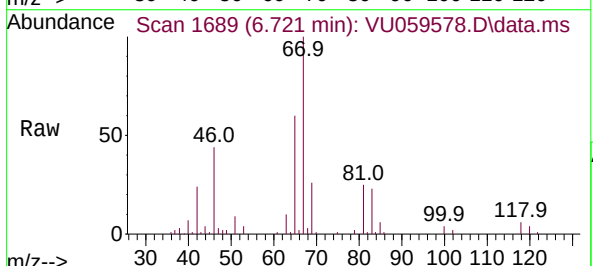
Instrument :  
MSVOA\_U  
ClientSampleId :

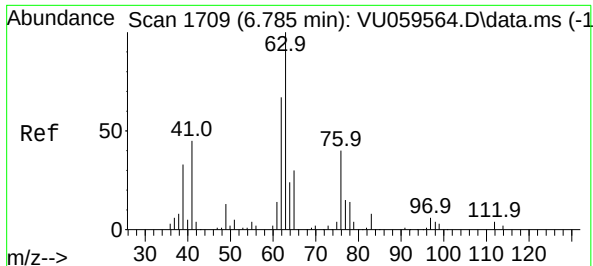
Tgt Ion: 83 Resp: 6010  
Ion Ratio Lower Upper  
83 100  
85 66.1 44.7 83.1



#35  
Methylcyclohexane  
Concen: 0.835 ug/L  
RT: 6.721 min Scan# 1689  
Delta R.T. -0.039 min  
Lab File: VU059578.D  
Acq: 27 Jun 2024 21:28

Tgt Ion: 83 Resp: 13485  
Ion Ratio Lower Upper  
83 100  
55 0.0 62.7 94.1#  
98 2.4 35.4 53.0#

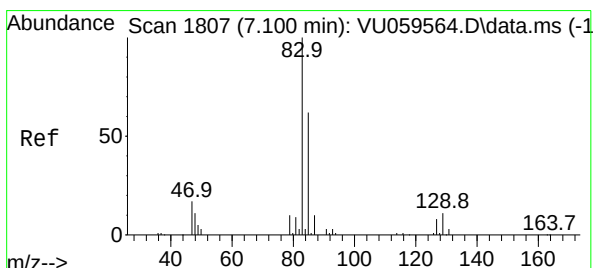
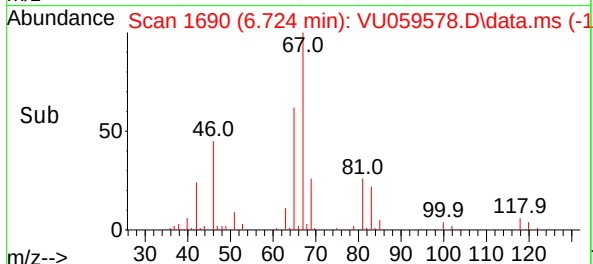
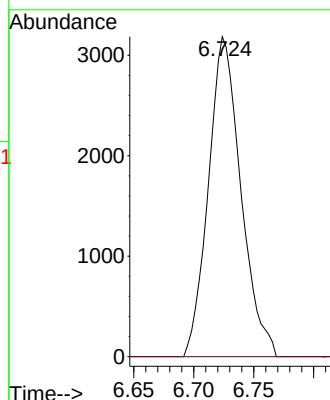
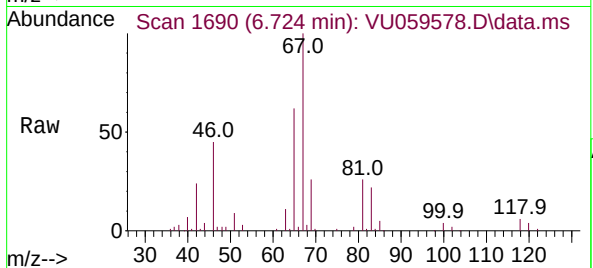




#37  
1,2-Dichloropropane  
Concen: 0.552 ug/L  
RT: 6.724 min Scan# 1  
Delta R.T. -0.061 min  
Lab File: VU059578.D  
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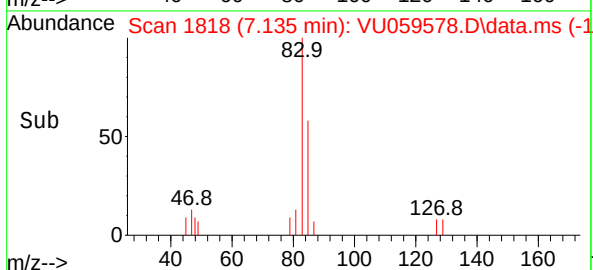
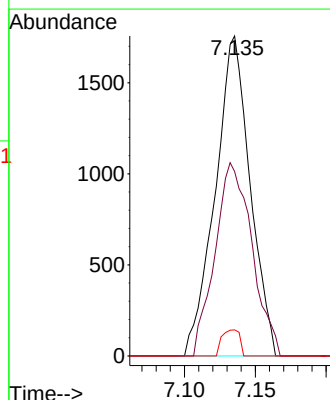
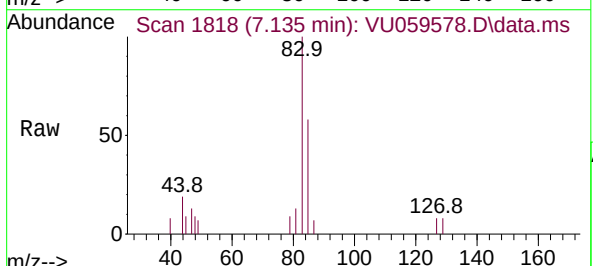
Instrument :  
MSVOA\_U  
ClientSampleId :

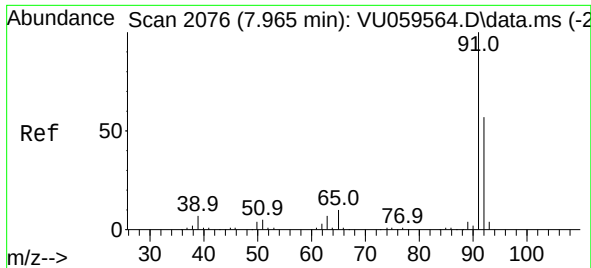
Tgt Ion: 63 Resp: 5988  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 3.8#



#38  
Bromodichloromethane  
Concen: 0.222 ug/L  
RT: 7.135 min Scan# 1818  
Delta R.T. 0.035 min  
Lab File: VU059578.D  
Acq: 27 Jun 2024 21:28

Tgt Ion: 83 Resp: 3007  
Ion Ratio Lower Upper  
83 100  
85 57.7 42.7 79.3  
127 8.1 6.1 9.1





#42

Toluene

Concen: 0.849 ug/L

RT: 7.984 min Scan# 2076

Delta R.T. 0.019 min

Lab File: VU059578.D

Acq: 27 Jun 2024 21:28

Instrument :

MSVOA\_U

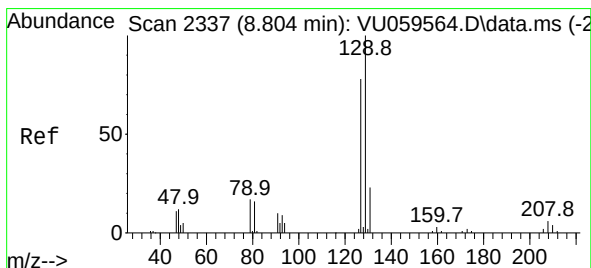
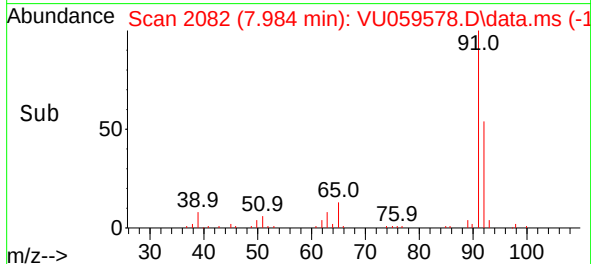
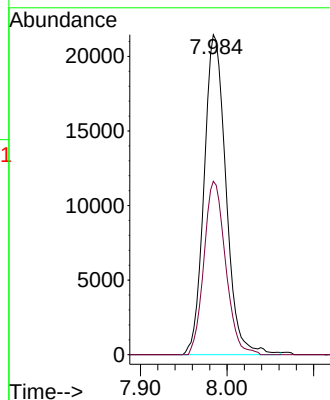
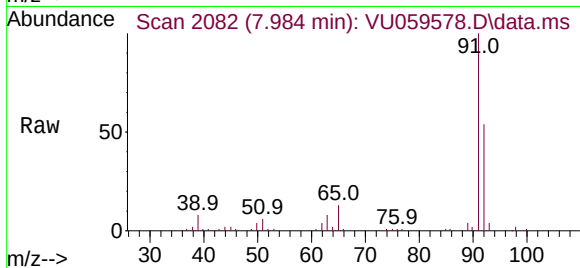
ClientSampleId :

Tgt Ion: 91 Resp: 37695

Ion Ratio Lower Upper

91 100

92 54.2 39.7 73.7



#49

Dibromochloromethane

Concen: 0.318 ug/L

RT: 8.817 min Scan# 2341

Delta R.T. 0.013 min

Lab File: VU059578.D

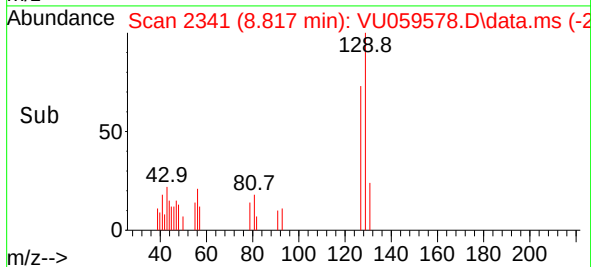
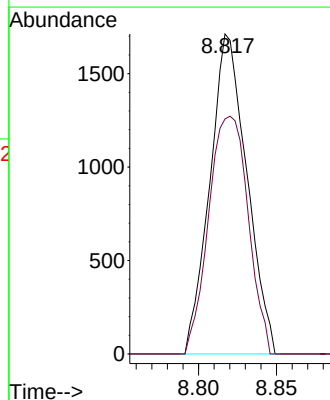
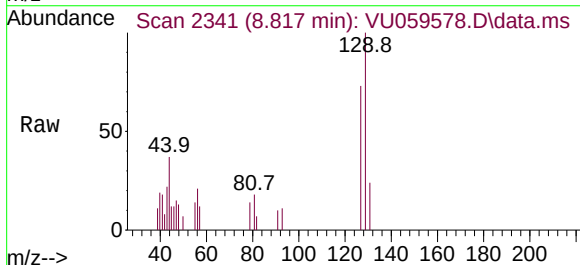
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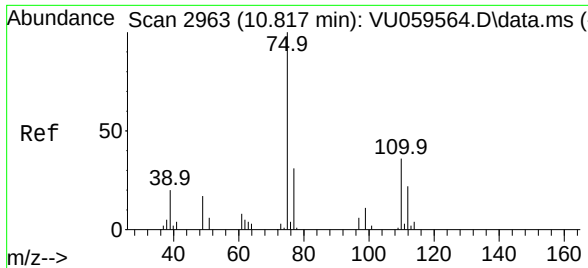
Tgt Ion: 129 Resp: 2819

Ion Ratio Lower Upper

129 100

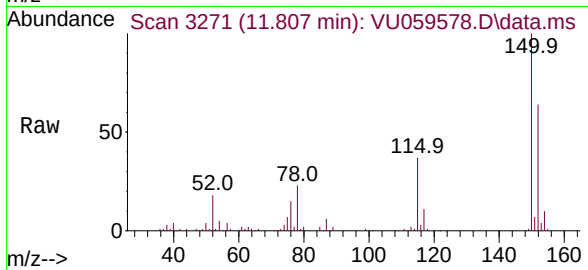
127 73.5 52.5 97.5





#61  
1,2,3-Trichloropropane  
Concen: 1.140 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU059578.D  
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Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 6482  
Ion Ratio Lower Upper  
75 100  
110 0.0 27.1 40.7#  
77 33.6 25.4 38.2

