

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058624.D  
 Acq On : 11 Apr 2024 21:55  
 Operator : MD/SY  
 Sample : P2055-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COBL9

Quant Time: Apr 12 04:59:36 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR040424WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Apr 12 04:41:05 2024  
 Response via : Initial Calibration

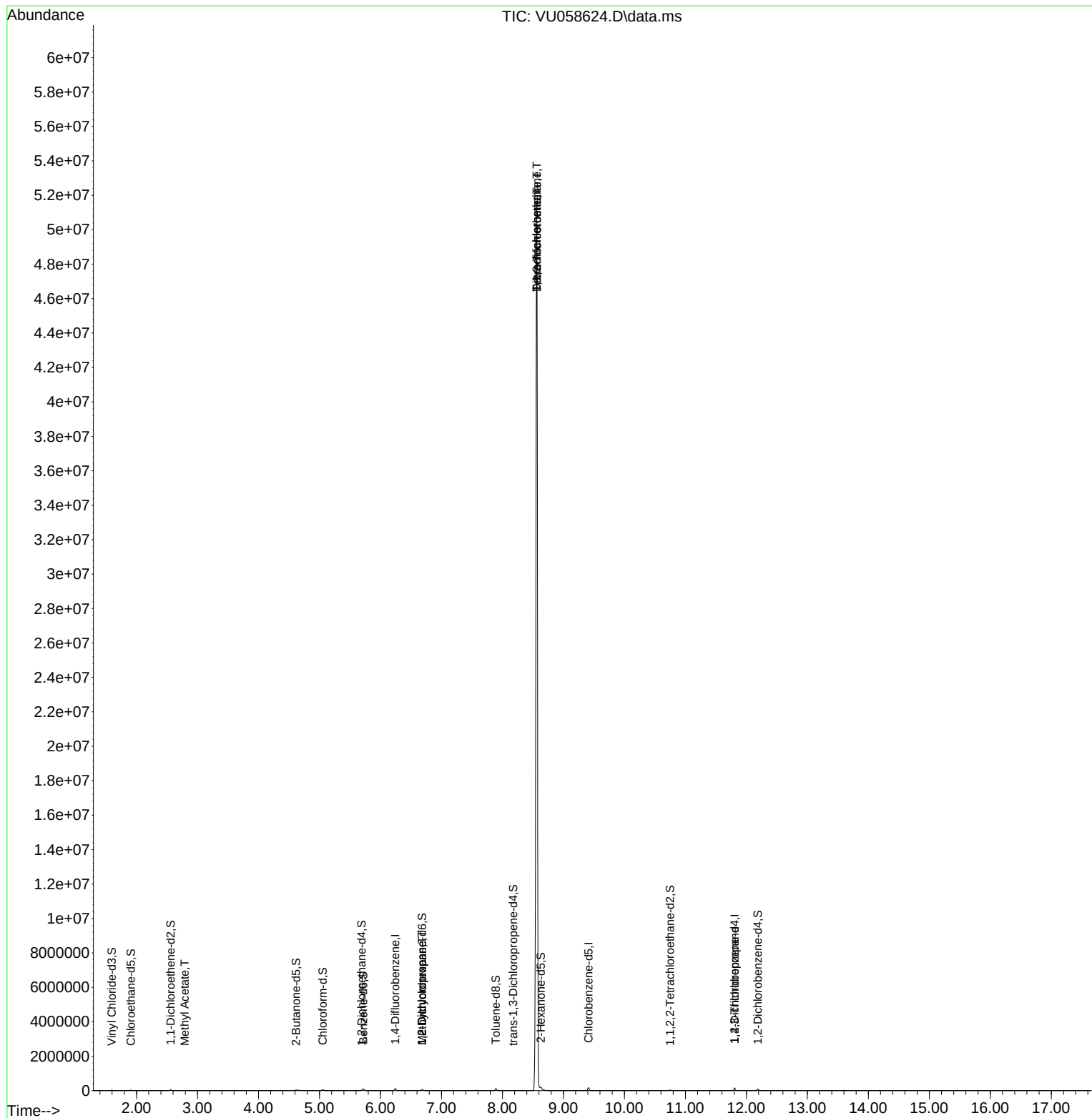
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.241          | 114  | 94123      | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 93057      | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 40678      | 5.000    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592          | 65   | 20675      | 3.318    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 66.400%  |        |          |
| 7) Chloroethane-d5            | 1.907          | 69   | 19846      | 3.665    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 73.200%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.560          | 65   | 9936       | 3.523    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 70.400%  |        |          |
| 20) 2-Butanone-d5             | 4.618          | 46   | 52479      | 39.962   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 79.920%  |        |          |
| 24) Chloroform-d              | 5.055          | 84   | 47305      | 3.803    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 76.000%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 23294      | 4.012    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 80.200%  |        |          |
| 32) Benzene-d6                | 5.717          | 84   | 91525      | 3.653    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 73.000%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 30384      | 3.867    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 77.400%  |        |          |
| 41) Toluene-d8                | 7.891          | 98   | 77306      | 3.479    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 69.600%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.177          | 79   | 8631       | 3.539    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 70.800%  |        |          |
| 46) 2-Hexanone-d5             | 8.630          | 63   | 39598      | 39.365   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 78.720%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749         | 84   | 19430      | 3.503    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 70.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 24678      | 3.602    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 72.000%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 15) Methyl Acetate            | 2.791          | 43   | 4770       | 1.804    | ug/L # | 55       |
| 35) Methylcyclohexane         | 6.682          | 83   | 6561       | 0.512    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.679          | 63   | 3331       | 0.375    | ug/L # | 90       |
| 45) 1,1,2-Trichloroethane     | 8.563          | 97   | 122801     | 23.691   | ug/L # | 1        |
| 47) Tetrachloroethene         | 8.563          | 164  | 10274459   | 1648.293 | ug/L   | 88       |
| 49) Dibromochloromethane      | 8.563          | 129  | 11297826   | 1885.271 | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807         | 75   | 5753       | 1.386    | ug/L # | 70       |
| -----                         |                |      |            |          |        |          |

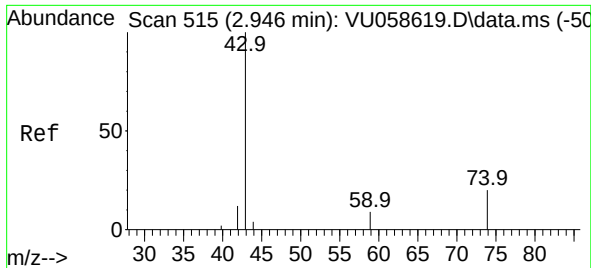
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 1.804 ug/L

RT: 2.791 min Scan# 4

Delta R.T. -0.155 min

Lab File: VU058624.D

Acq: 11 Apr 2024 21:55

Instrument :

MSVOA\_U

ClientSampleId :

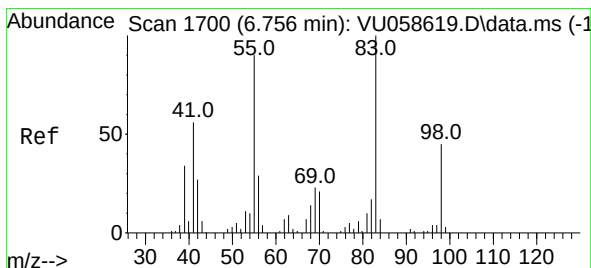
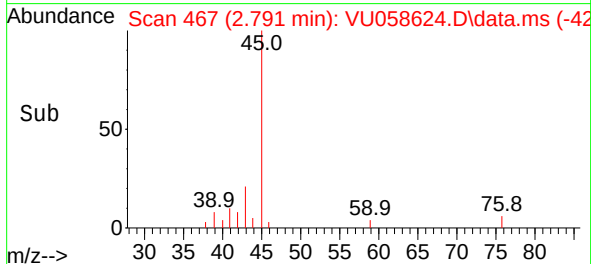
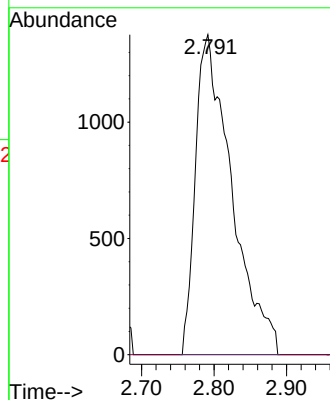
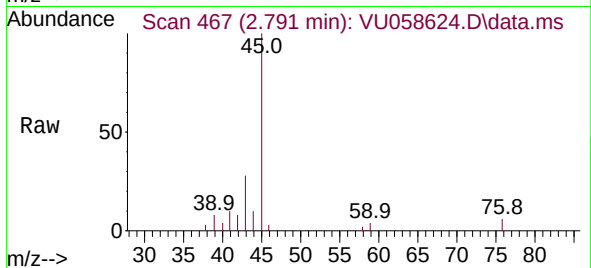
C0BL9

Tgt Ion: 43 Resp: 4770

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#35

Methylcyclohexane

Concen: 0.512 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058624.D

Acq: 11 Apr 2024 21:55

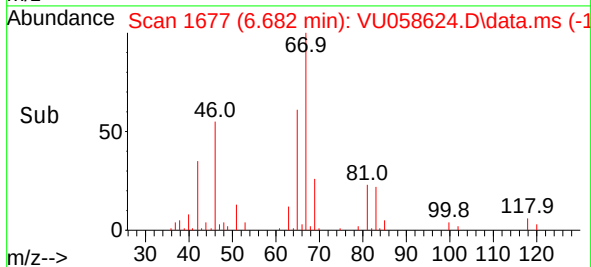
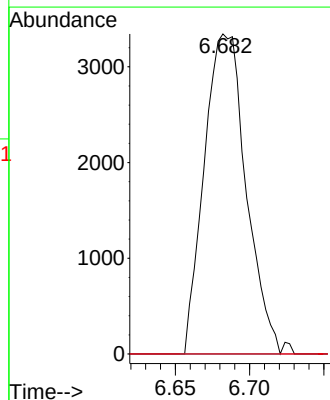
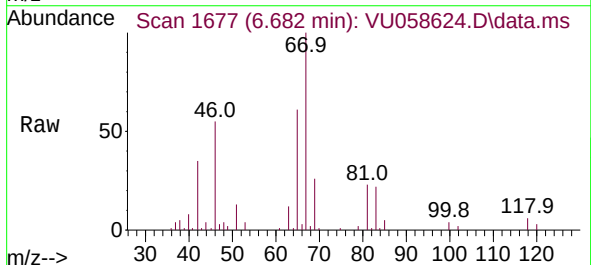
Tgt Ion: 83 Resp: 6561

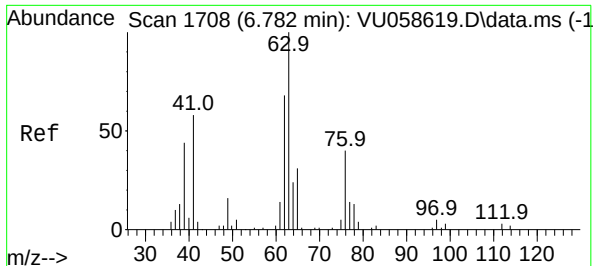
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.7 34.6 52.0#

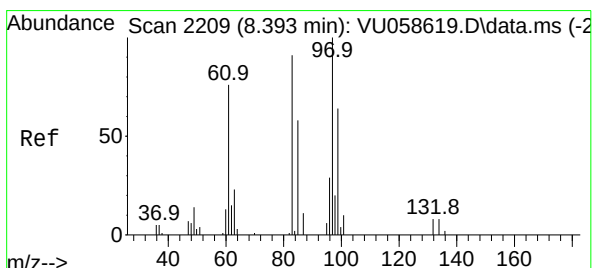
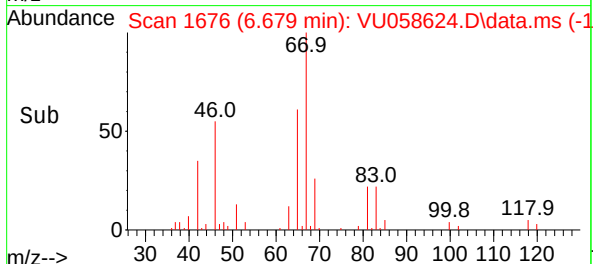
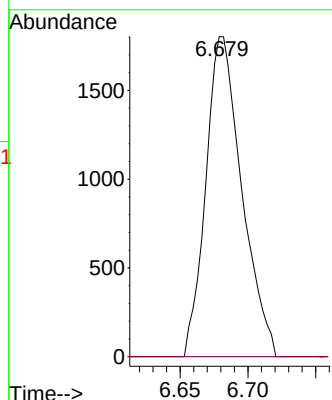
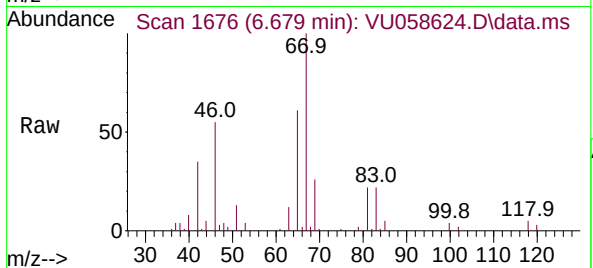




#37  
1,2-Dichloropropane  
Concen: 0.375 ug/L  
RT: 6.679 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU058624.D  
Acq: 11 Apr 2024 21:55

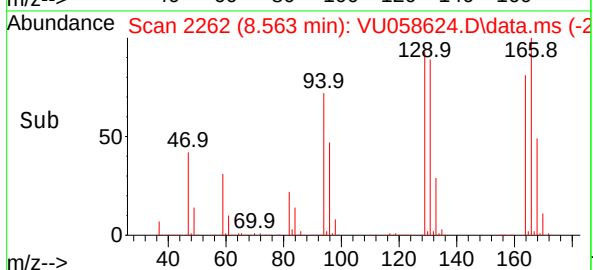
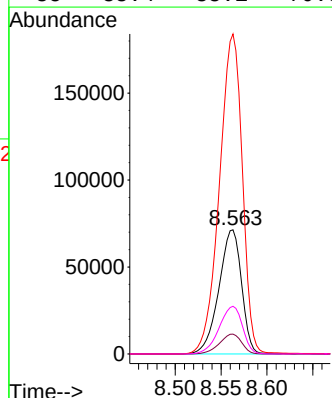
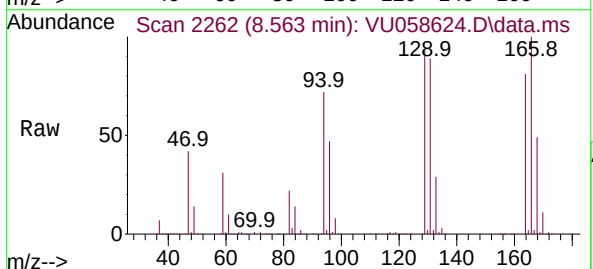
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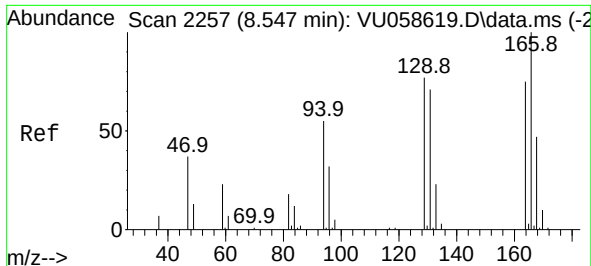
Tgt Ion: 63 Resp: 3331  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#45  
1,1,2-Trichloroethane  
Concen: 23.691 ug/L  
RT: 8.563 min Scan# 2262  
Delta R.T. 0.170 min  
Lab File: VU058624.D  
Acq: 11 Apr 2024 21:55

Tgt Ion: 97 Resp: 122801  
Ion Ratio Lower Upper  
97 100  
99 16.0 43.7 81.1#  
83 257.6 64.5 119.7#  
85 38.4 38.1 70.9





#47

Tetrachloroethene

Concen: 1648.293 ug/L

RT: 8.563 min Scan# 21

Delta R.T. 0.016 min

Lab File: VU058624.D

Acq: 11 Apr 2024 21:55

Instrument :

MSVOA\_U

ClientSampleId :

C0BL9

Tgt Ion:164 Resp:10274459

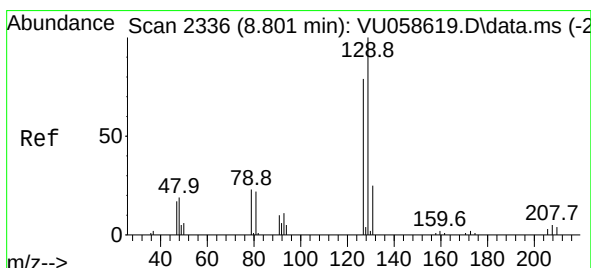
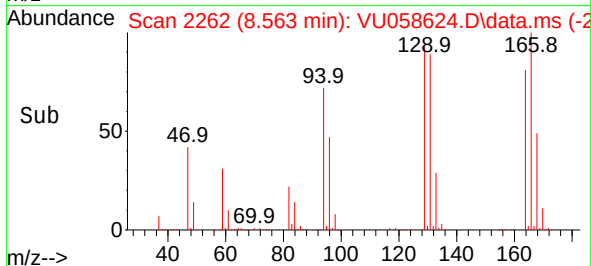
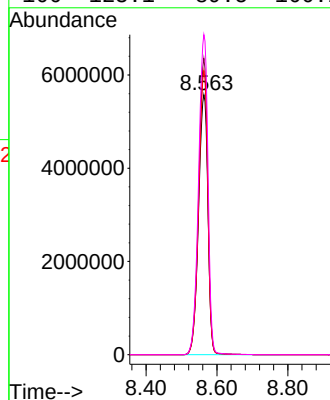
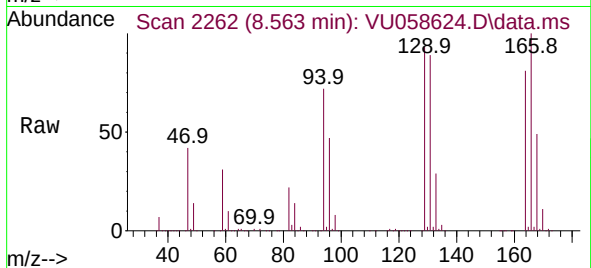
Ion Ratio Lower Upper

164 100

129 114.0 67.3 125.1

131 109.3 65.5 121.6

166 123.1 89.5 166.1



#49

Dibromochloromethane

Concen: 1885.271 ug/L

RT: 8.563 min Scan# 2262

Delta R.T. -0.238 min

Lab File: VU058624.D

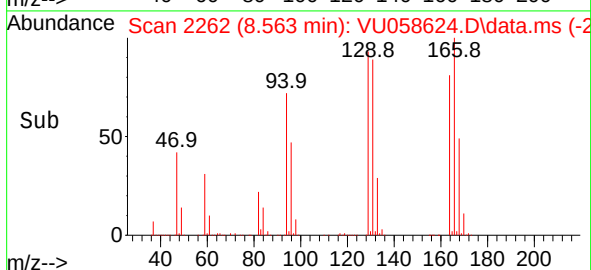
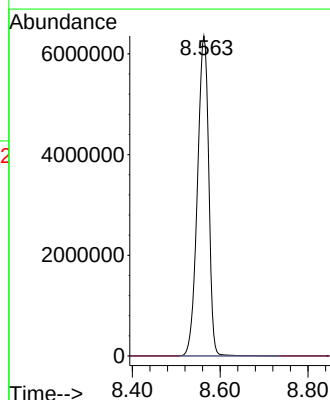
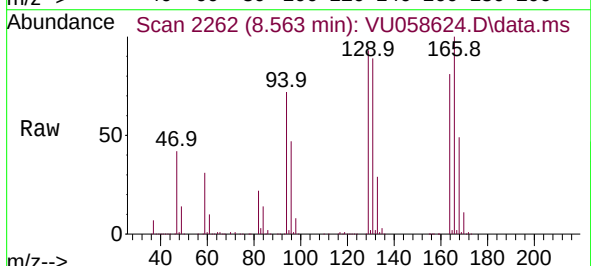
Acq: 11 Apr 2024 21:55

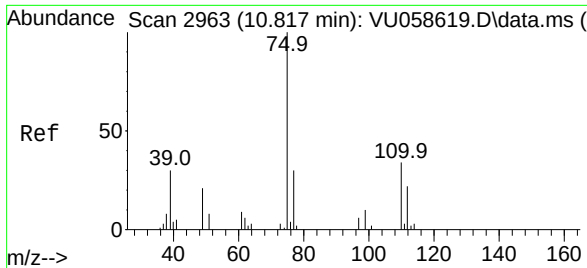
Tgt Ion:129 Resp:11297826

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61  
1,2,3-Trichloropropane  
Concen: 1.386 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU058624.D  
Acq: 11 Apr 2024 21:55

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BL9

Tgt Ion: 75 Resp: 5753  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 30.1 25.1 37.7

