

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041124\  
 Data File : VU058630.D  
 Acq On : 12 Apr 2024 00:16  
 Operator : MD/SY  
 Sample : P2055-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Apr 12 05:00:58 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

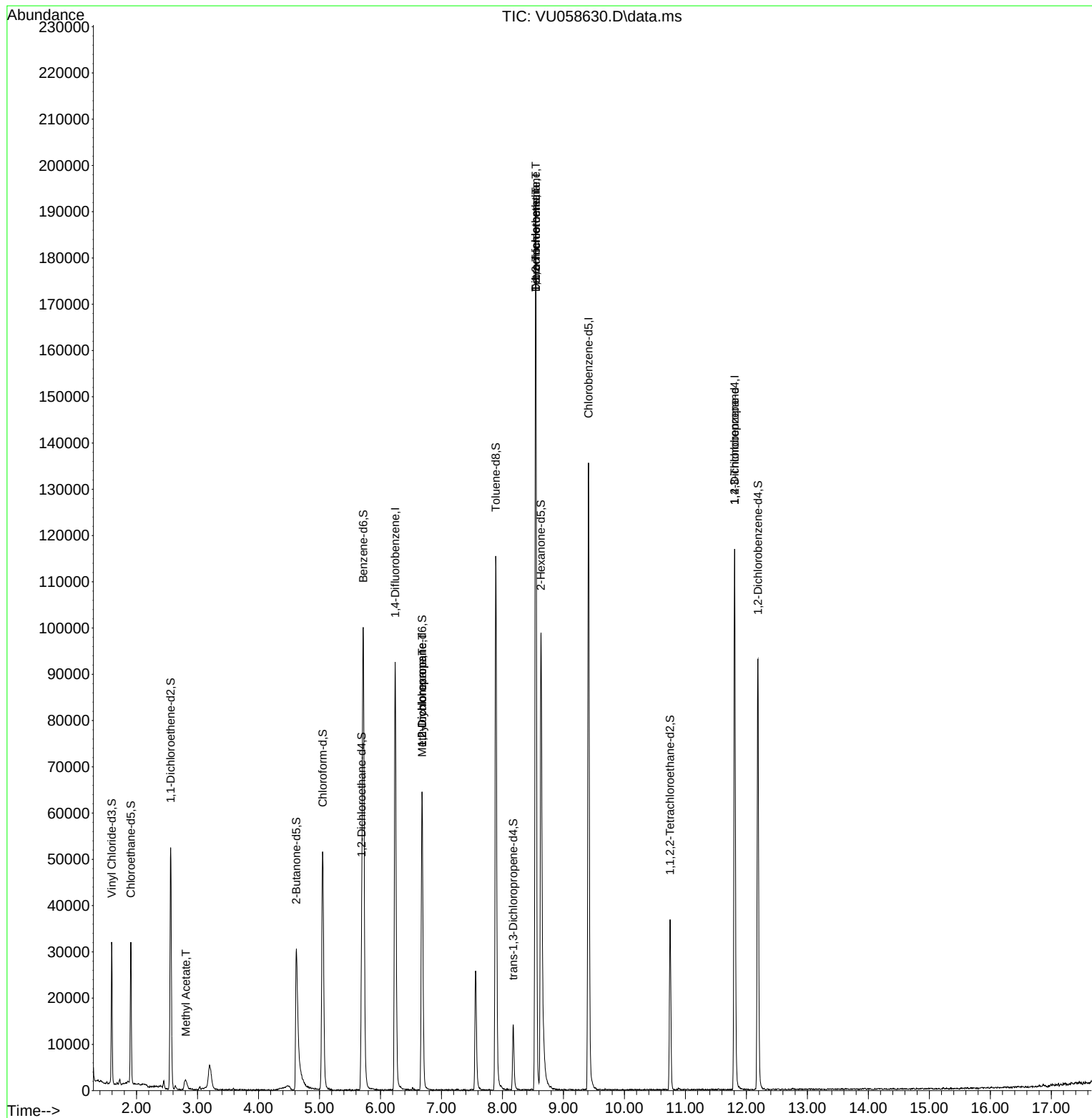
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 72033    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 72534    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 29924    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 20711    | 4.343    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 86.800%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 20834    | 5.027    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 100.600% |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 10727    | 4.970    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 99.400%  |
| 20) 2-Butanone-d5             | 4.621  | 46    | 52630    | 52.367   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 104.740% |
| 24) Chloroform-d              | 5.052  | 84    | 49048    | 5.152    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 103.000% |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 24306    | 5.471    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 109.400% |
| 32) Benzene-d6                | 5.718  | 84    | 93345    | 4.780    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 31467    | 5.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.800% |
| 41) Toluene-d8                | 7.891  | 98    | 77126    | 4.454    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 89.000%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 8249     | 4.339    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.800%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 35355    | 45.091   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 19358    | 4.478    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 89.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 23973    | 4.757    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.200%  |
| Target Compounds              |        |       |          |          |        |          |
| 15) Methyl Acetate            | 2.811  | 43    | 1285     | 0.635    | ug/L # | 55       |
| 35) Methylcyclohexane         | 6.685  | 83    | 6286     | 0.630    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.682  | 63    | 3437     | 0.497    | ug/L # | 90       |
| 45) 1,1,2-Trichloroethane     | 8.547  | 97    | 351      | 0.087    | ug/L # | 1        |
| 47) Tetrachloroethene         | 8.547  | 164   | 39118    | 8.051    | ug/L   | 97       |
| 49) Dibromochloromethane      | 8.547  | 129   | 39092    | 8.369    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 4332     | 1.419    | ug/L # | 69       |

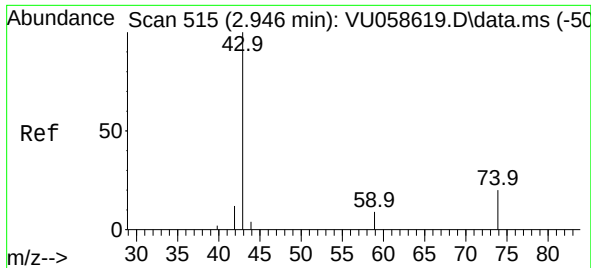
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.635 ug/L

RT: 2.811 min Scan# 41

Delta R.T. -0.135 min

Lab File: VU058630.D

Acq: 12 Apr 2024 00:16

Instrument :

MSVOA\_U

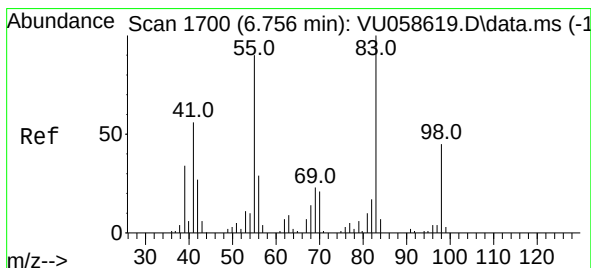
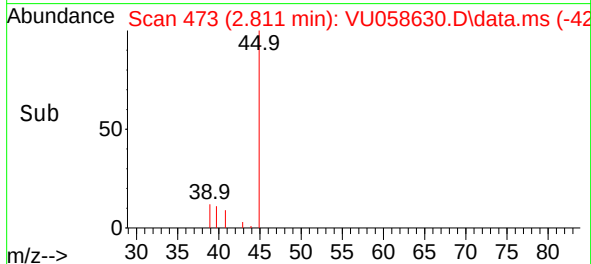
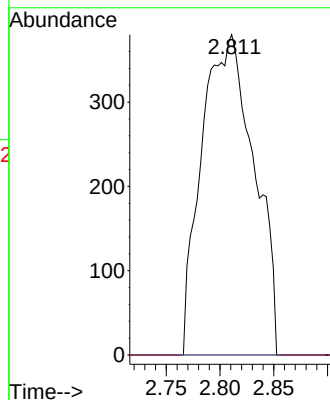
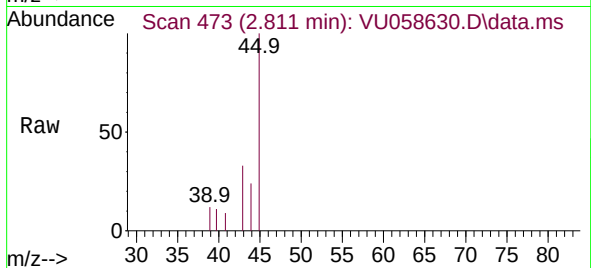
ClientSampleId :

Tgt Ion: 43 Resp: 1285

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#



#35

Methylcyclohexane

Concen: 0.630 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058630.D

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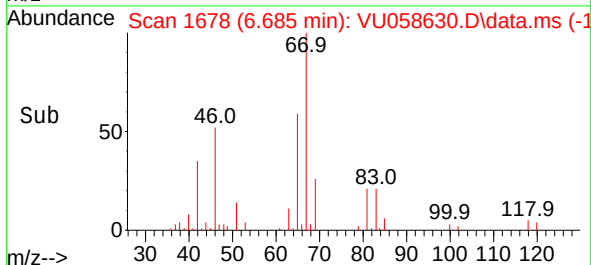
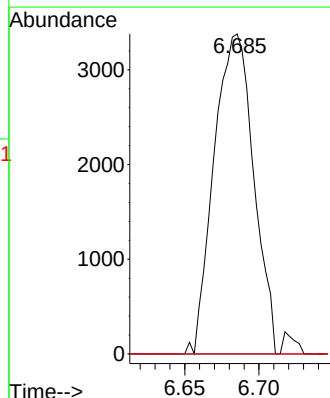
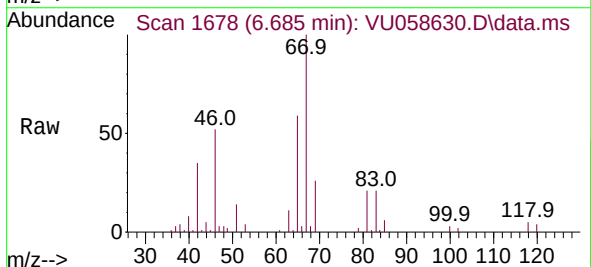
Tgt Ion: 83 Resp: 6286

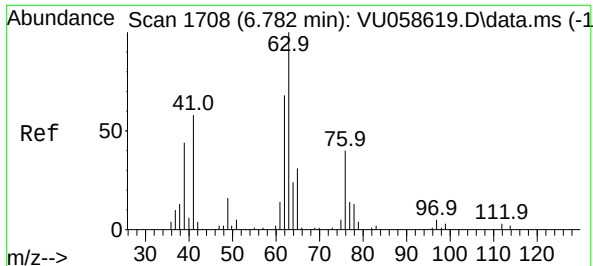
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.3 34.6 52.0#

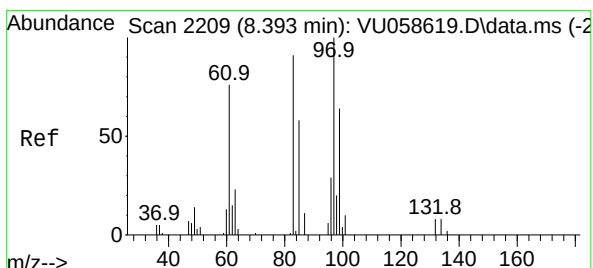
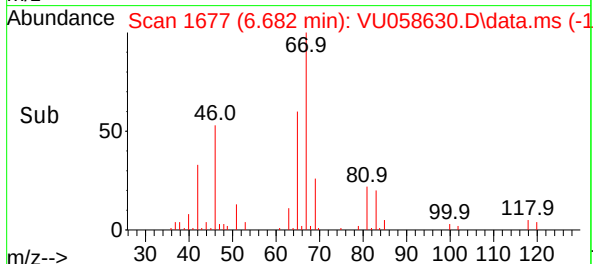
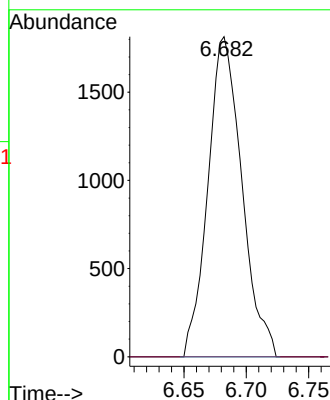
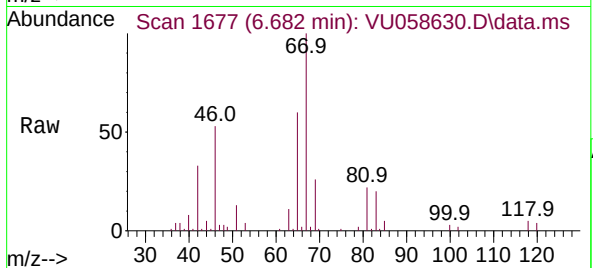




#37  
1,2-Dichloropropane  
Concen: 0.497 ug/L  
RT: 6.682 min Scan# 1  
Delta R.T. -0.100 min  
Lab File: VU058630.D  
Acq: 12 Apr 2024 00:16

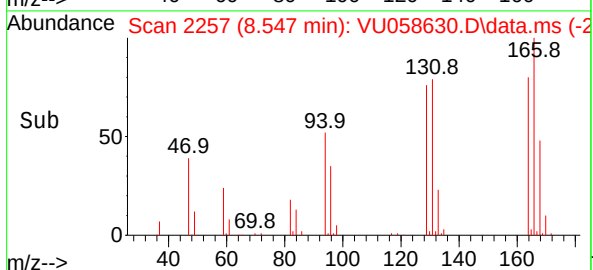
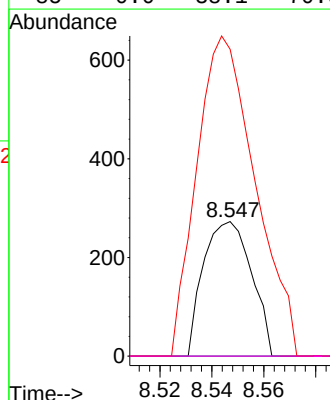
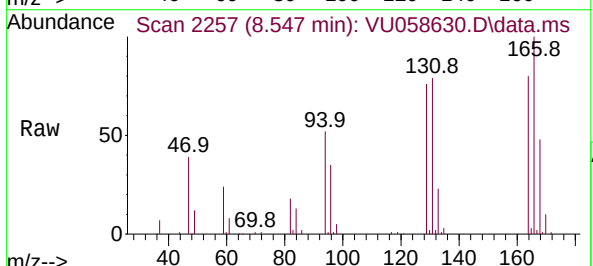
Instrument :  
MSVOA\_U  
ClientSampleId :

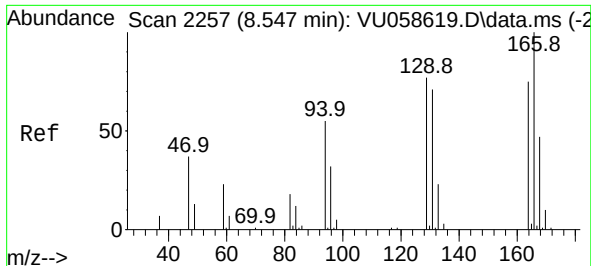
Tgt Ion: 63 Resp: 3437  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 4.0#



#45  
1,1,2-Trichloroethane  
Concen: 0.087 ug/L  
RT: 8.547 min Scan# 2257  
Delta R.T. 0.154 min  
Lab File: VU058630.D  
Acq: 12 Apr 2024 00:16

Tgt Ion: 97 Resp: 351  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.7 81.1#  
83 227.8 64.5 119.7#  
85 0.0 38.1 70.9#





#47

Tetrachloroethene

Concen: 8.051 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

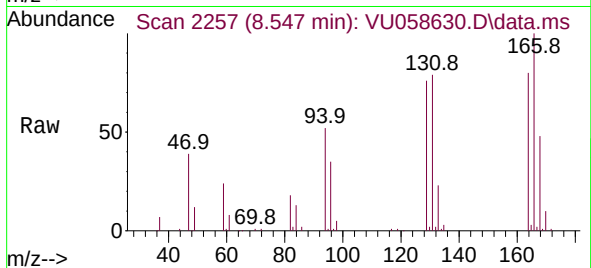
Lab File: VU058630.D

Acq: 12 Apr 2024 00:16

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 39118

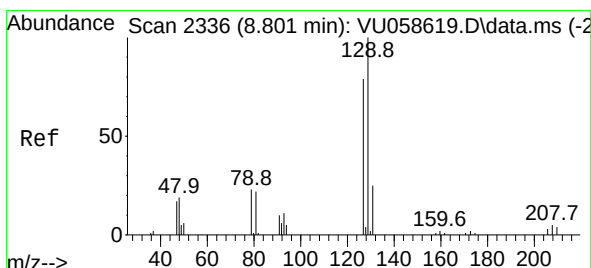
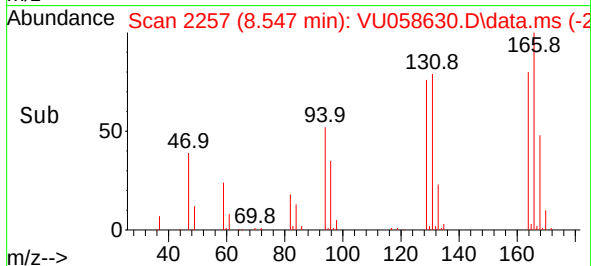
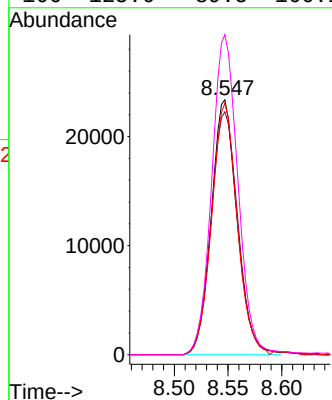
Ion Ratio Lower Upper

164 100

129 95.3 67.3 125.1

131 98.6 65.5 121.6

166 125.6 89.5 166.1



#49

Dibromochloromethane

Concen: 8.369 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058630.D

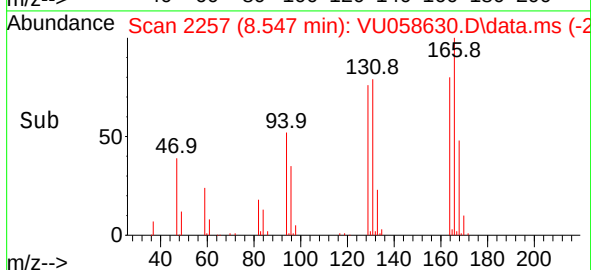
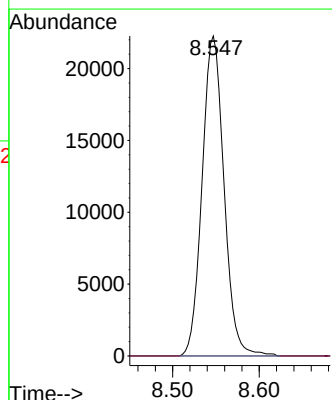
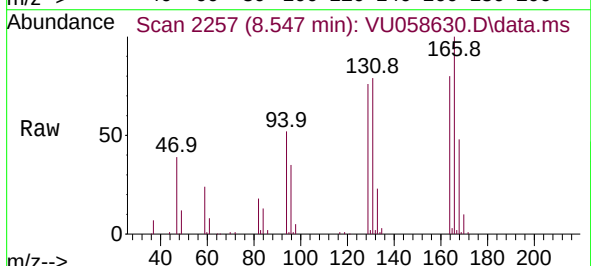
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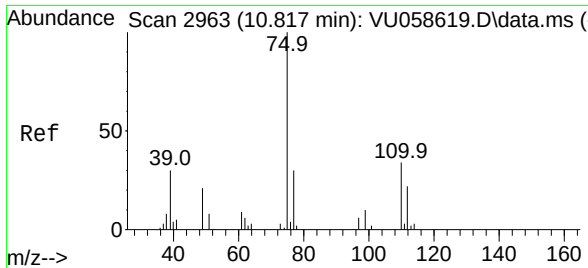
Tgt Ion:129 Resp: 39092

Ion Ratio Lower Upper

129 100

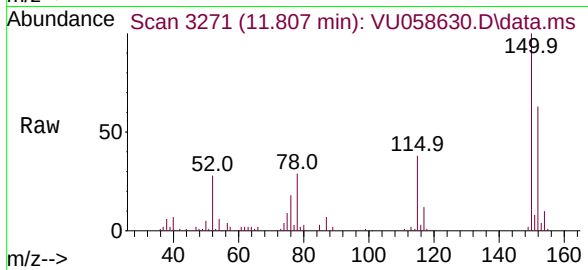
127 0.0 53.5 99.5#





#61  
1,2,3-Trichloropropane  
Concen: 1.419 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU058630.D  
Acq: 12 Apr 2024 00:16

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 4332  
Ion Ratio Lower Upper  
75 100  
110 0.0 25.8 38.6#  
77 33.7 25.1 37.7

