

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051823\  
 Data File : VU054193.D  
 Acq On : 19 May 2023 03:19  
 Operator : JC/MD  
 Sample : 02843-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBWX8

Quant Time: May 19 06:20:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 19 04:28:00 2023  
 Response via : Initial Calibration

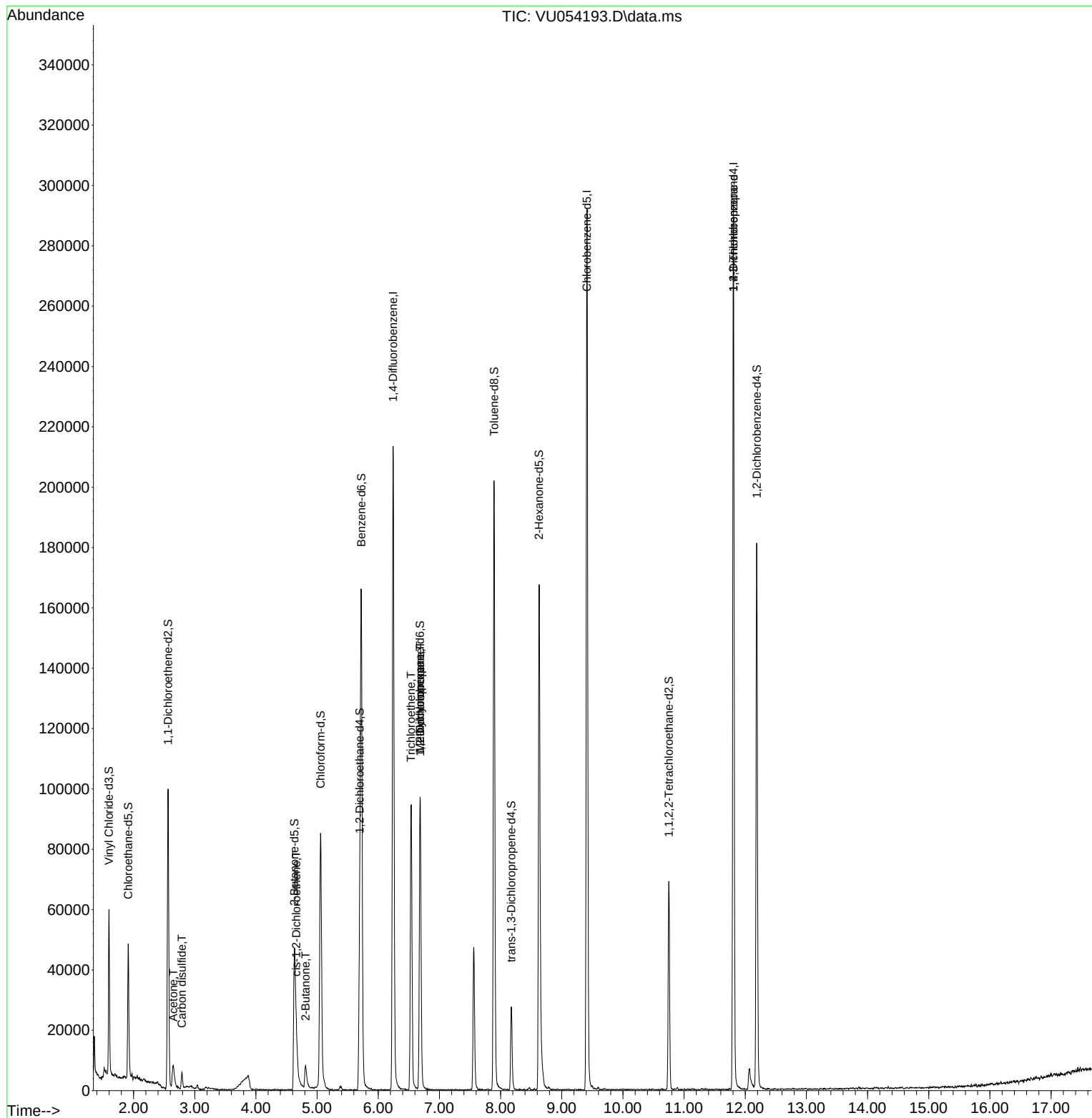
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.243  | 114   | 178860   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.410  | 117   | 170142   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806 | 152   | 84850    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 40612    | 4.212    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 84.200%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 33634    | 4.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 18634    | 4.279    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.600%  |
| 20) 2-Butanone-d5             | 4.629  | 46    | 81978    | 47.671   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.340%  |
| 24) Chloroform-d              | 5.057  | 84    | 81035    | 4.470    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.697  | 65    | 38066    | 4.564    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.200%  |
| 32) Benzene-d6                | 5.723  | 84    | 160393   | 4.629    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.684  | 67    | 47213    | 4.714    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.200%  |
| 41) Toluene-d8                | 7.893  | 98    | 138972   | 4.248    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 85.000%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 17466    | 4.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.400%  |
| 46) 2-Hexanone-d5             | 8.629  | 63    | 58637    | 48.687   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.380%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 33822    | 4.712    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 50109    | 4.840    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.649  | 43    | 14365    | 6.140    | ug/L   | 97       |
| 14) Carbon disulfide          | 2.790  | 76    | 6687     | 0.243    | ug/L   | 96       |
| 21) 2-Butanone                | 4.813  | 43    | 13039    | 4.208    | ug/L # | 46       |
| 22) cis-1,2-Dichloroethene    | 4.661  | 96    | 2382     | 0.183    | ug/L   | 98       |
| 34) Trichloroethene           | 6.536  | 95    | 33175    | 2.562    | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.684  | 83    | 11555    | 0.610    | ug/L # | 21       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 5141     | 0.407    | ug/L # | 88       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75    | 9266     | 1.347    | ug/L # | 63       |
| -----                         |        |       |          |          |        |          |

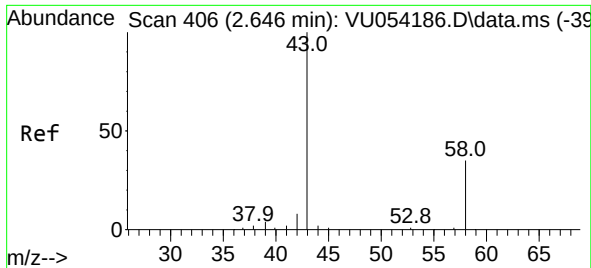
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 19 04:28:00 2023  
Response via : Initial Calibration





#13

Acetone

Concen: 6.140 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU054193.D

Acq: 19 May 2023 03:19

Instrument :

MSVOA\_U

ClientSampleId :

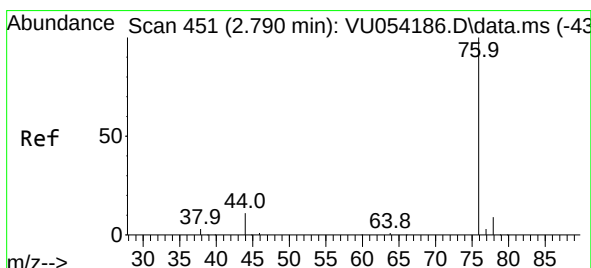
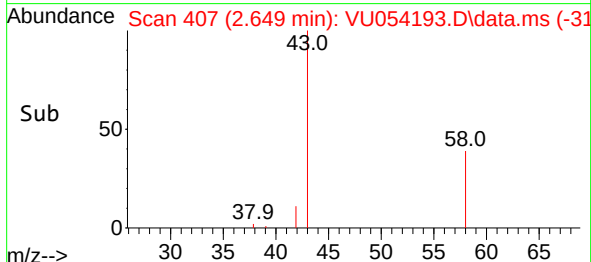
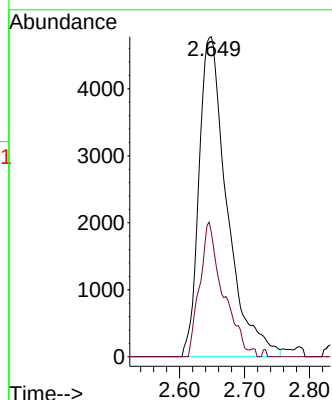
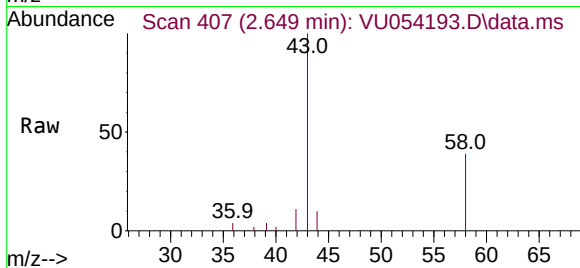
GBWX8

Tgt Ion: 43 Resp: 14365

Ion Ratio Lower Upper

43 100

58 34.8 0.0 73.2



#14

Carbon disulfide

Concen: 0.243 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU054193.D

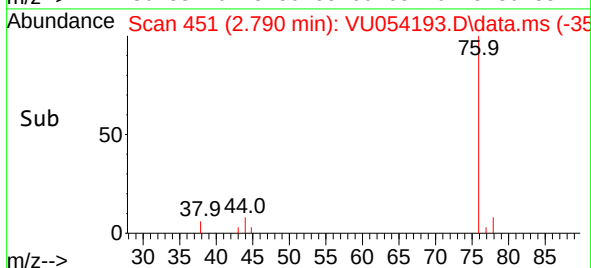
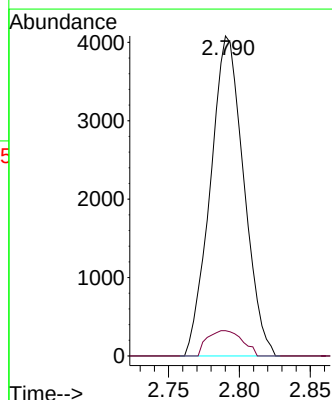
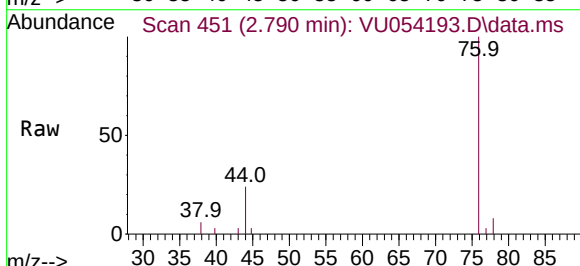
Acq: 19 May 2023 03:19

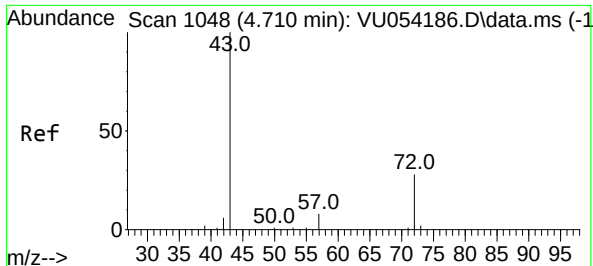
Tgt Ion: 76 Resp: 6687

Ion Ratio Lower Upper

76 100

78 7.9 7.4 11.0





#21

2-Butanone

Concen: 4.208 ug/L

RT: 4.813 min Scan# 1080

Delta R.T. 0.103 min

Lab File: VU054193.D

Acq: 19 May 2023 03:19

Instrument :

MSVOA\_U

ClientSampleId :

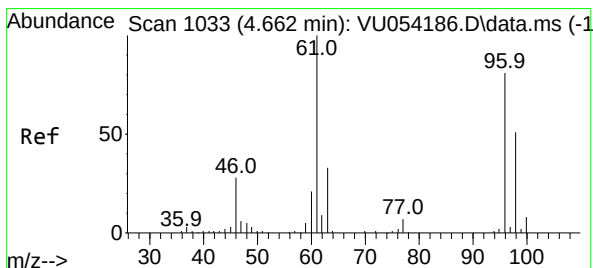
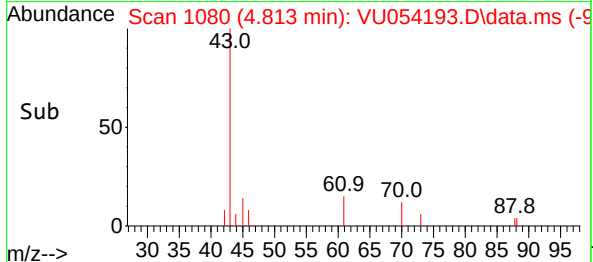
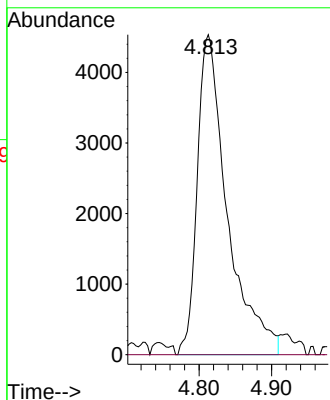
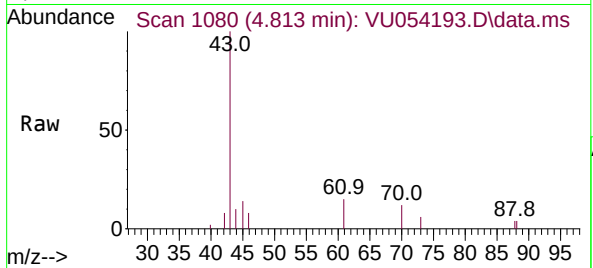
GBWX8

Tgt Ion: 43 Resp: 13039

Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.8#



#22

cis-1,2-Dichloroethene

Concen: 0.183 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU054193.D

Acq: 19 May 2023 03:19

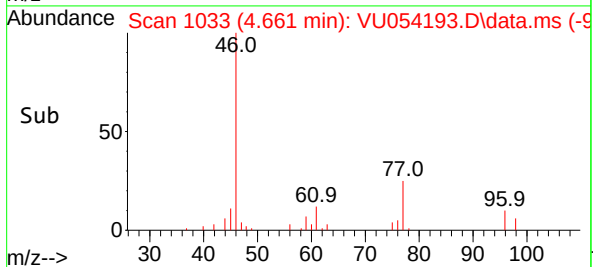
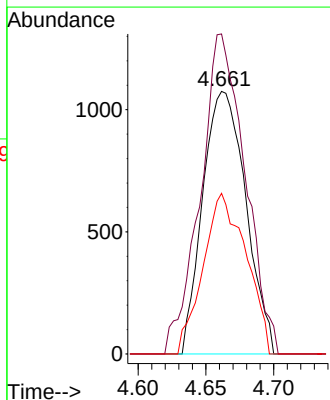
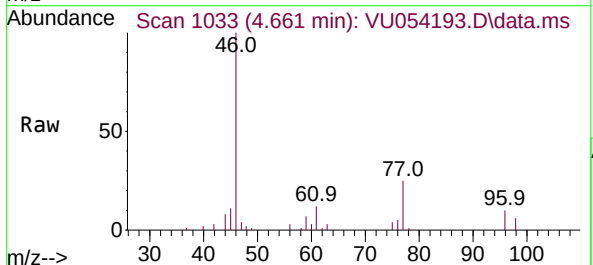
Tgt Ion: 96 Resp: 2382

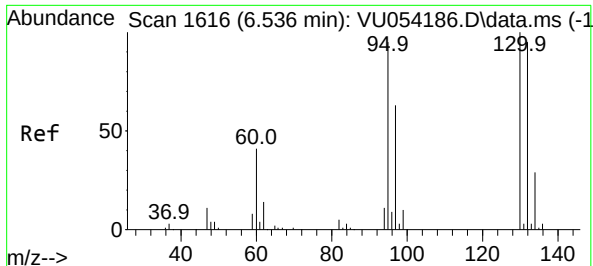
Ion Ratio Lower Upper

96 100

61 121.9 85.0 157.8

98 61.2 45.8 85.0

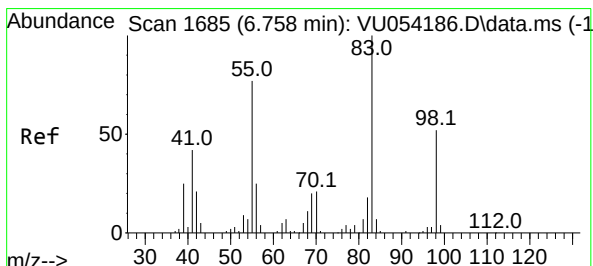
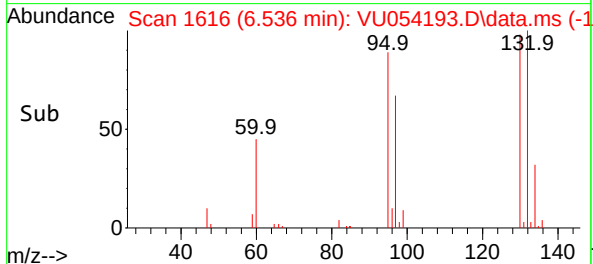
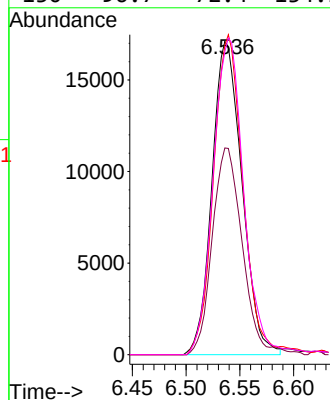
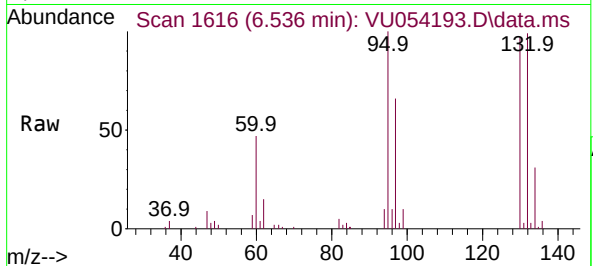




#34  
Trichloroethene  
Concen: 2.562 ug/L  
RT: 6.536 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VU054193.D  
Acq: 19 May 2023 03:19

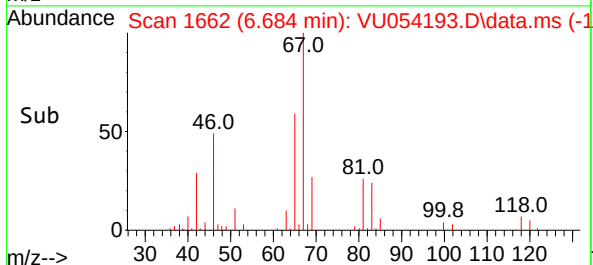
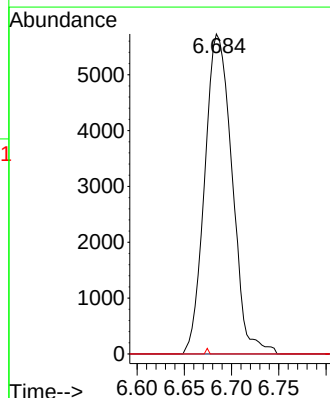
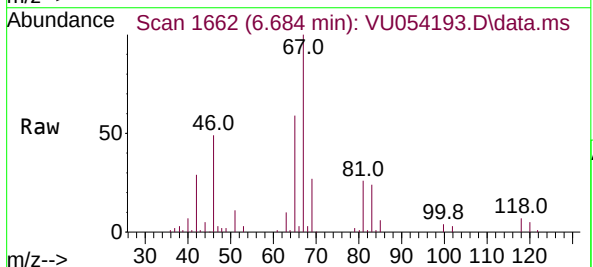
Instrument :  
MSVOA\_U  
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GBWX8

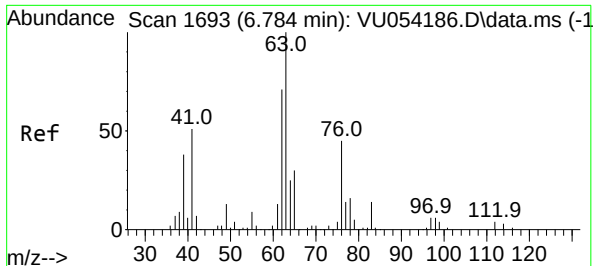
Tgt Ion: 95 Resp: 33175  
Ion Ratio Lower Upper  
95 100  
97 66.0 45.8 85.0  
132 98.7 70.1 130.3  
130 96.7 72.4 134.5



#35  
Methylcyclohexane  
Concen: 0.610 ug/L  
RT: 6.684 min Scan# 1662  
Delta R.T. -0.074 min  
Lab File: VU054193.D  
Acq: 19 May 2023 03:19

Tgt Ion: 83 Resp: 11555  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.6 92.4#  
98 6.8 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.407 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU054193.D

Acq: 19 May 2023 03:19

Instrument :

MSVOA\_U

ClientSampleId :

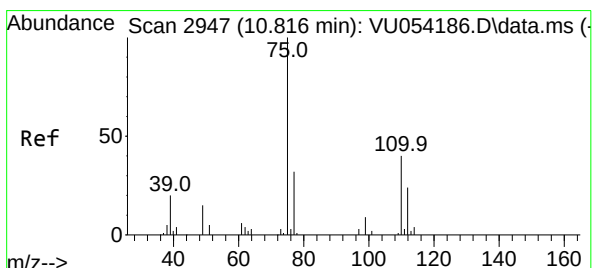
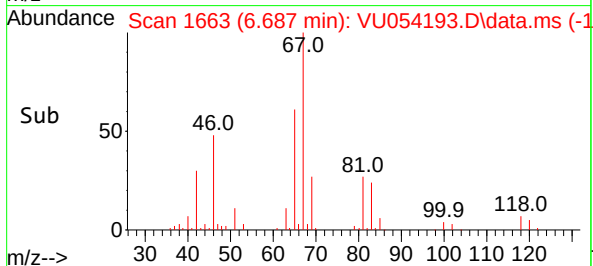
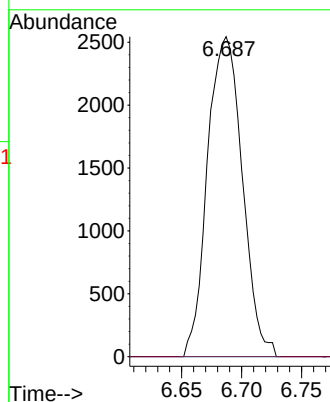
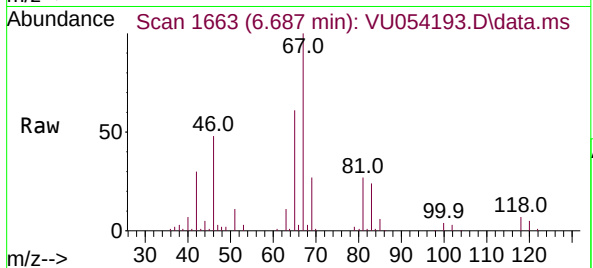
GBWX8

Tgt Ion: 63 Resp: 5141

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.347 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU054193.D

Acq: 19 May 2023 03:19

Tgt Ion: 75 Resp: 9266

Ion Ratio Lower Upper

75 100

110 1.0 32.3 48.5#

77 35.4 26.3 39.5

