

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121222\  
 Data File : VU052345.D  
 Acq On : 12 Dec 2022 12:16  
 Operator : JC/MD  
 Sample : N5979-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0ER9

Quant Time: Dec 13 01:02:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 13 01:01:45 2022  
 Response via : Initial Calibration

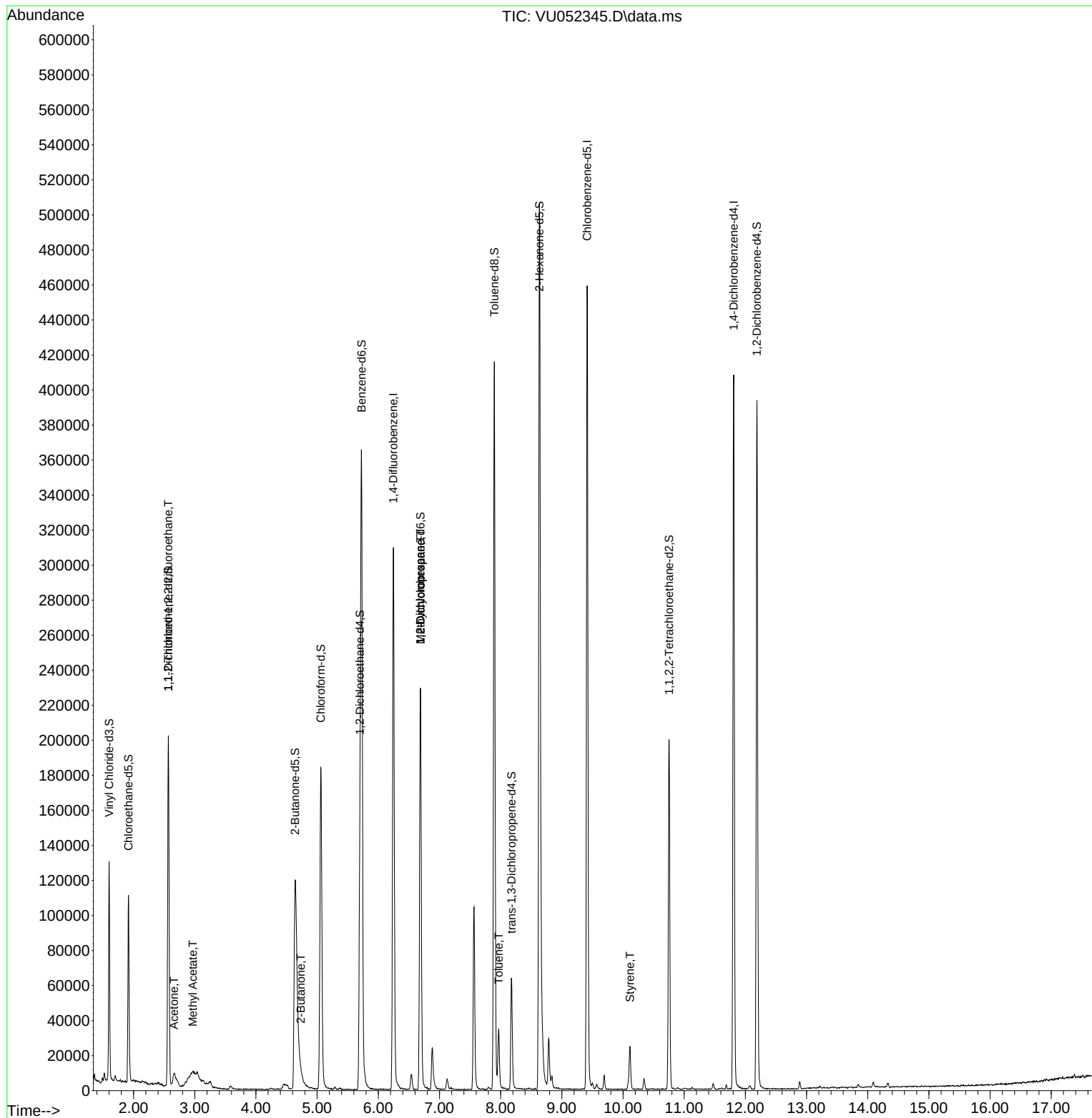
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 259214   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 268659   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 113927   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 91785    | 3.640    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.800%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 82499    | 4.213    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 84.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 38133    | 4.219    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.400%  |
| 20) 2-Butanone-d5             | 4.642  | 46    | 256931   | 56.217   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 112.440% |
| 24) Chloroform-d              | 5.060  | 84    | 175493   | 4.737    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 92273    | 4.931    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.600%  |
| 32) Benzene-d6                | 5.726  | 84    | 359349   | 4.505    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 118048   | 4.782    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.600%  |
| 41) Toluene-d8                | 7.896  | 98    | 293716   | 4.070    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.400%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 38705    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.000%  |
| 46) 2-Hexanone-d5             | 8.633  | 63    | 180619   | 47.382   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 94.760%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 104914   | 4.902    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 109324   | 5.012    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101   | 1191     | 0.063    | ug/L # | 20       |
| 13) Acetone                   | 2.662  | 43    | 17922    | 5.775    | ug/L   | 79       |
| 15) Methyl Acetate            | 2.970  | 43    | 2574     | 0.320    | ug/L # | 70       |
| 21) 2-Butanone                | 4.736  | 43    | 6871     | 1.381    | ug/L   | 86       |
| 35) Methylcyclohexane         | 6.687  | 83    | 26359    | 0.840    | ug/L # | 27       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 11759    | 0.519    | ug/L # | 88       |
| 42) Toluene                   | 7.967  | 91    | 25448    | 0.283    | ug/L   | 100      |
| 55) Styrene                   | 10.115 | 104   | 12553    | 0.229    | ug/L   | 90       |
| -----                         |        |       |          |          |        |          |

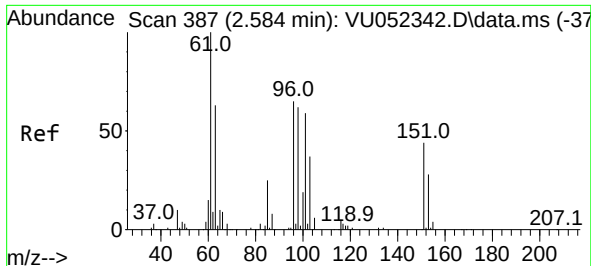
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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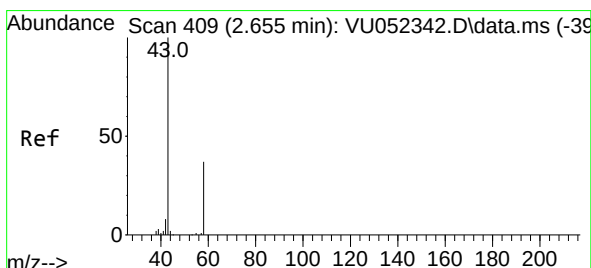
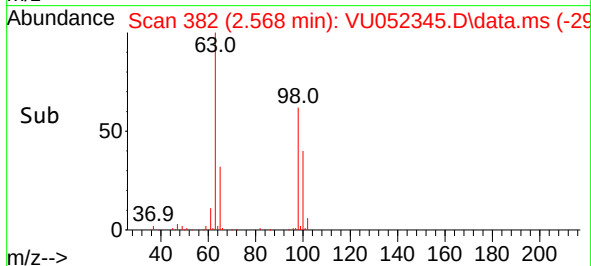
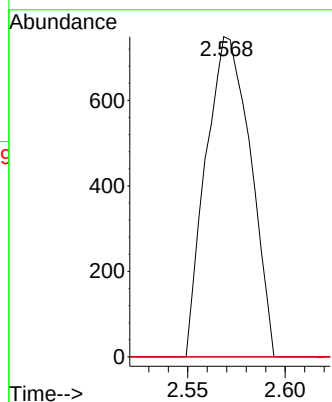
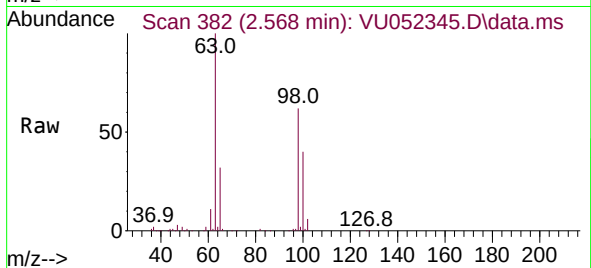




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.063 ug/L  
RT: 2.568 min Scan# 387  
Delta R.T. -0.016 min  
Lab File: VU052345.D  
Acq: 12 Dec 2022 12:16

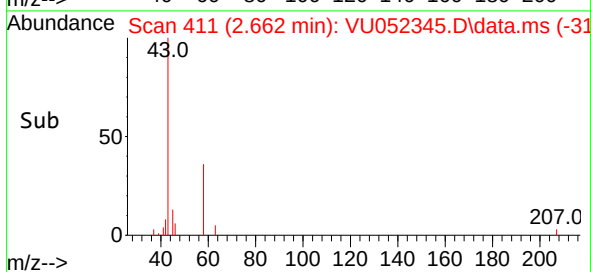
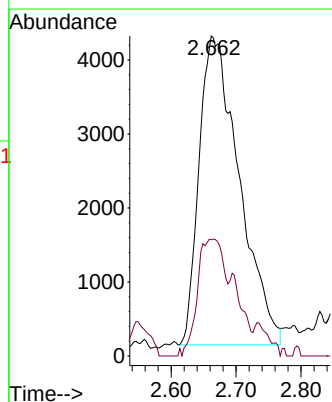
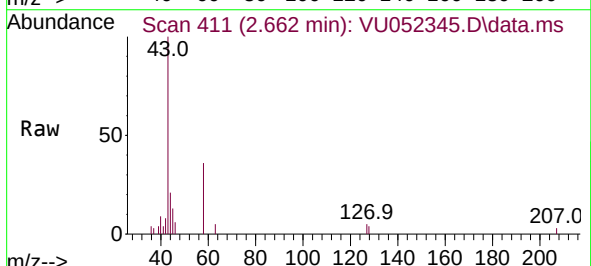
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0ER9

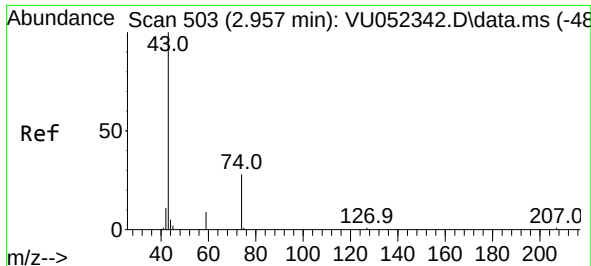
Tgt Ion:101 Resp: 1191  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



#13  
Acetone  
Concen: 5.775 ug/L  
RT: 2.662 min Scan# 411  
Delta R.T. 0.007 min  
Lab File: VU052345.D  
Acq: 12 Dec 2022 12:16

Tgt Ion: 43 Resp: 17922  
Ion Ratio Lower Upper  
43 100  
58 25.3 0.0 76.0

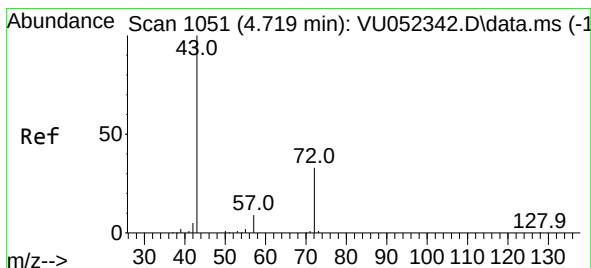
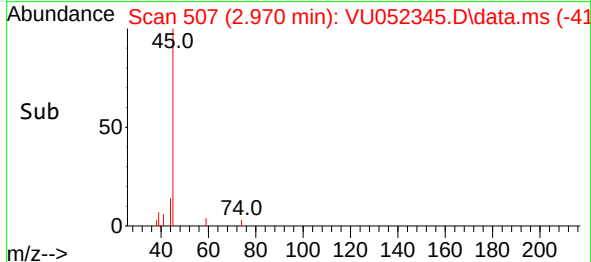
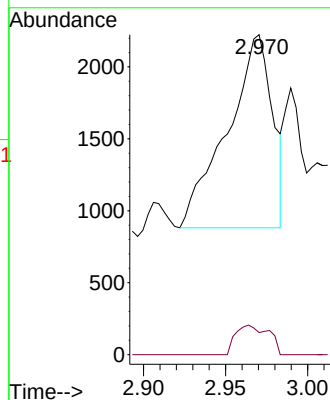
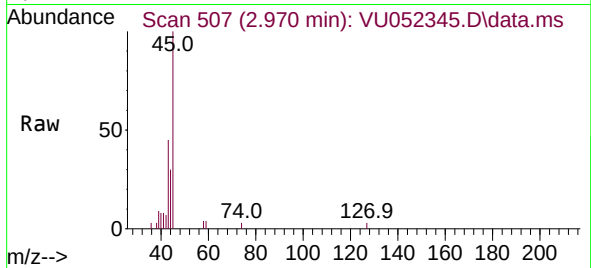




#15  
Methyl Acetate  
Concen: 0.320 ug/L  
RT: 2.970 min Scan# 503  
Delta R.T. 0.013 min  
Lab File: VU052345.D  
Acq: 12 Dec 2022 12:16

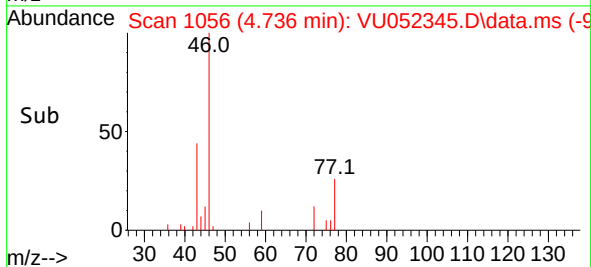
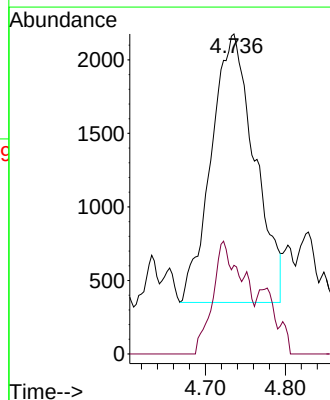
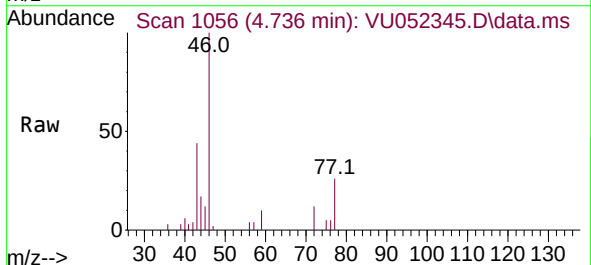
Instrument :  
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ClientSampleId :  
C0ER9

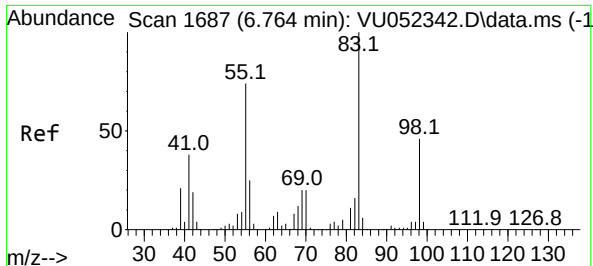
Tgt Ion: 43 Resp: 2574  
Ion Ratio Lower Upper  
43 100  
74 11.1 21.3 31.9#



#21  
2-Butanone  
Concen: 1.381 ug/L  
RT: 4.736 min Scan# 1056  
Delta R.T. 0.016 min  
Lab File: VU052345.D  
Acq: 12 Dec 2022 12:16

Tgt Ion: 43 Resp: 6871  
Ion Ratio Lower Upper  
43 100  
72 23.3 15.6 46.8





#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.077 min

Lab File: VU052345.D

Acq: 12 Dec 2022 12:16

Instrument :

MSVOA\_U

ClientSampleId :

C0ER9

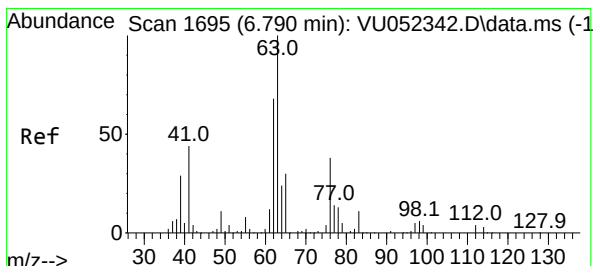
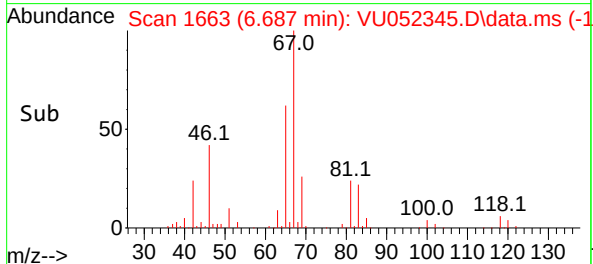
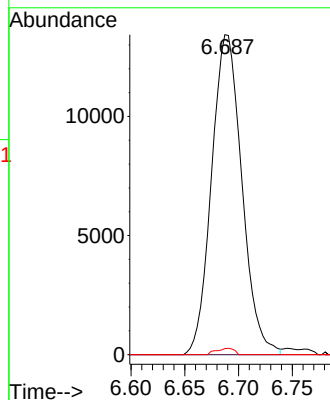
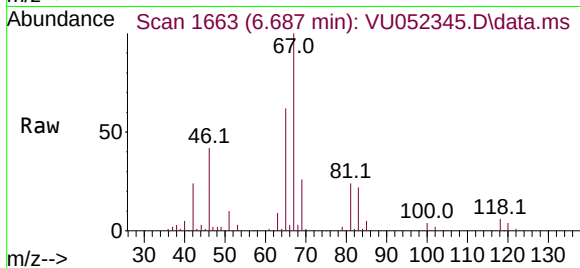
Tgt Ion: 83 Resp: 26359

Ion Ratio Lower Upper

83 100

55 10.0 60.8 91.2#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.519 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052345.D

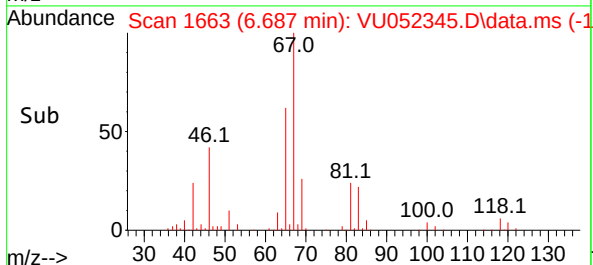
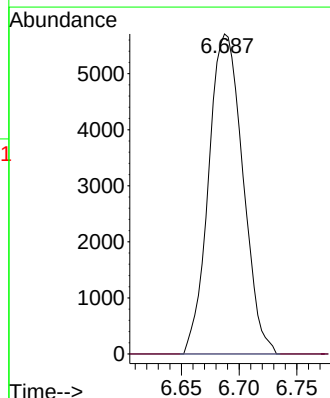
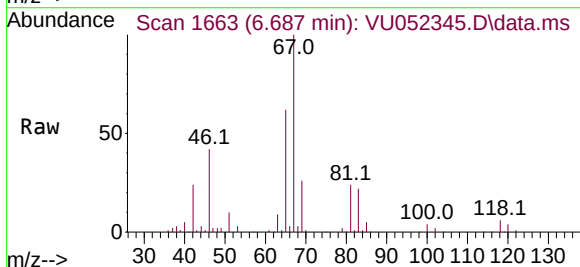
Acq: 12 Dec 2022 12:16

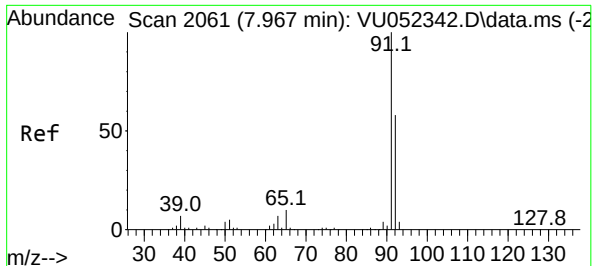
Tgt Ion: 63 Resp: 11759

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.283 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052345.D

Acq: 12 Dec 2022 12:16

Instrument :

MSVOA\_U

ClientSampleId :

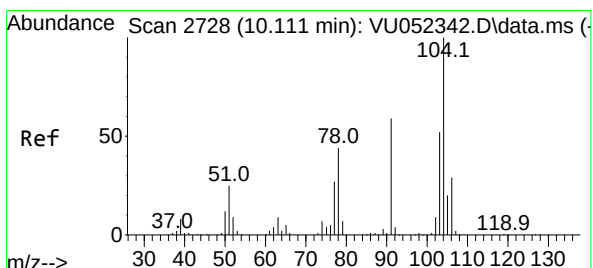
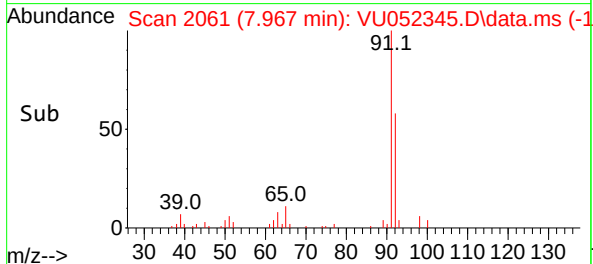
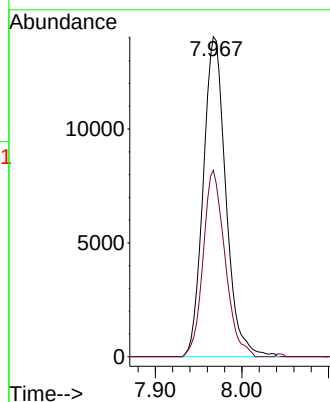
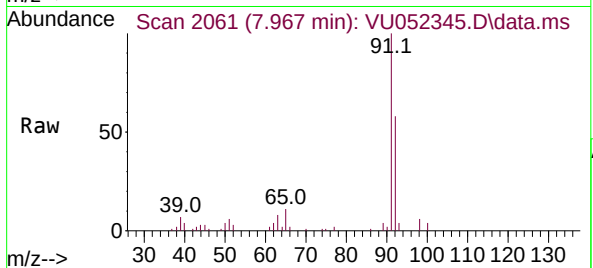
C0ER9

Tgt Ion: 91 Resp: 25448

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.5



#55

Styrene

Concen: 0.229 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VU052345.D

Acq: 12 Dec 2022 12:16

Tgt Ion: 104 Resp: 12553

Ion Ratio Lower Upper

104 100

78 37.2 30.6 56.8

