

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062924\  
 Data File : VU059624.D  
 Acq On : 28 Jun 2024 16:41  
 Operator : MD/SY  
 Sample : P3059-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 28 23:58:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 28 23:55:24 2024  
 Response via : Initial Calibration

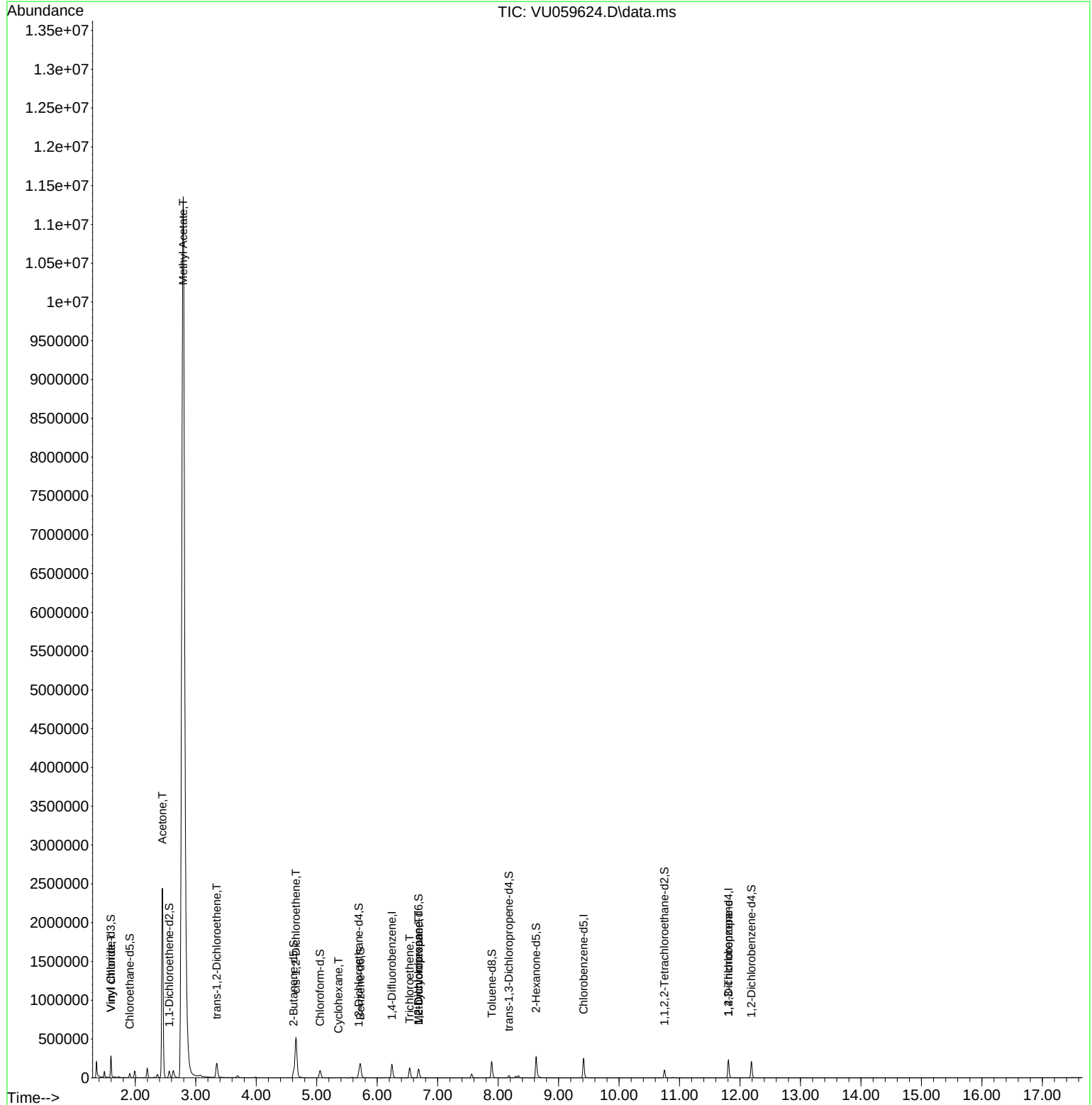
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 148500   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 148926   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 66379    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 36670    | 3.551    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.000%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 40292    | 4.055    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 81.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 16214    | 3.785    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 75.600%  |
| 20) 2-Butanone-d5             | 4.618  | 46    | 112801   | 53.033   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 106.060% |
| 24) Chloroform-d              | 5.055  | 84    | 91075    | 4.297    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 46247    | 4.530    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 5.721  | 84    | 181753   | 4.434    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 57978    | 4.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.400%  |
| 41) Toluene-d8                | 7.894  | 98    | 149551   | 3.925    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 17713    | 4.504    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.000%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 93823    | 57.417   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 114.840% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 51588    | 4.971    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 60264    | 5.101    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.000% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.599  | 62    | 2435     | 0.163    | ug/L # | 72       |
| 13) Acetone                   | 2.448  | 43    | 1498505  | 1086.066 | ug/L   | 46       |
| 15) Methyl Acetate            | 2.792  | 43    | 5015848  | 1377.584 | ug/L # | 51       |
| 18) trans-1,2-Dichloroethene  | 3.345  | 96    | 74807    | 6.830    | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 4.657  | 96    | 283428   | 23.476   | ug/L   | 94       |
| 30) Cyclohexane               | 5.361  | 56    | 889      | 0.059    | ug/L # | 17       |
| 34) Trichloroethene           | 6.538  | 95    | 44982    | 3.673    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.685  | 83    | 13329    | 0.765    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 5823     | 0.498    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7208     | 1.175    | ug/L # | 69       |
| -----                         |        |       |          |          |        |          |

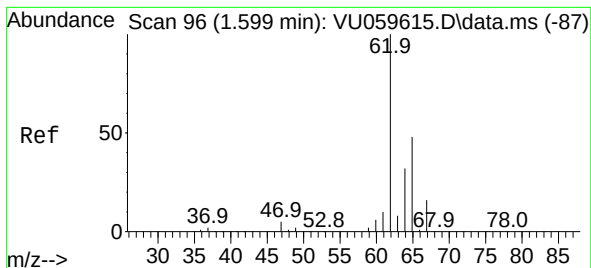
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Jun 28 23:55:24 2024  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.163 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059624.D

Acq: 28 Jun 2024 16:41

Instrument :

MSVOA\_U

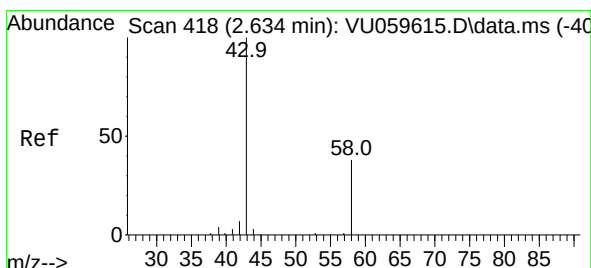
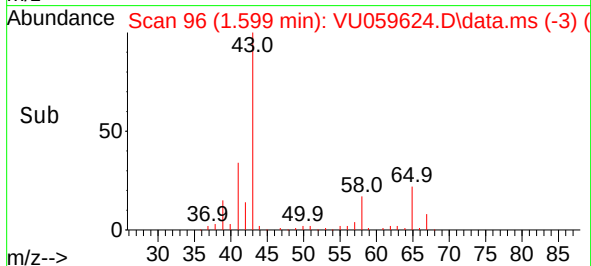
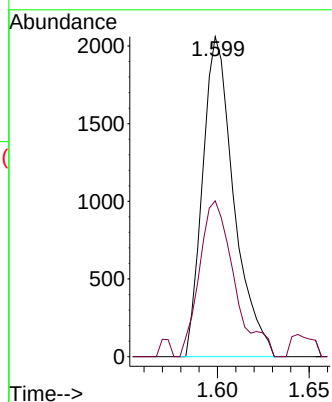
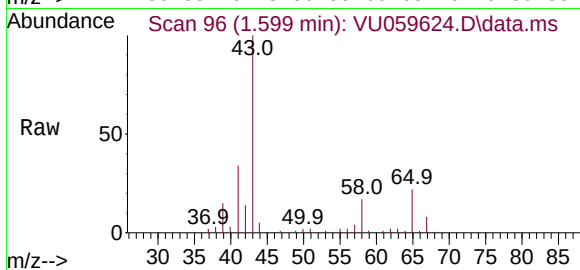
ClientSampleId :

Tgt Ion: 62 Resp: 2435

Ion Ratio Lower Upper

62 100

64 48.7 23.1 42.9#



#13

Acetone

Concen: 1086.066 ug/L

RT: 2.448 min Scan# 360

Delta R.T. -0.186 min

Lab File: VU059624.D

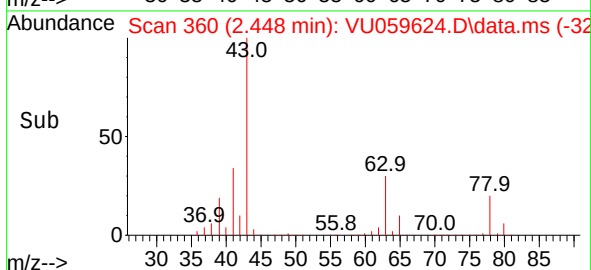
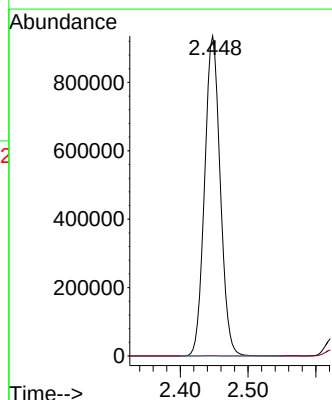
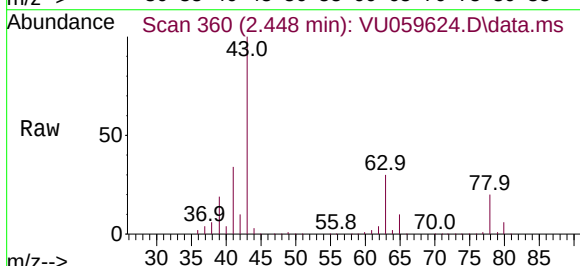
Acq: 28 Jun 2024 16:41

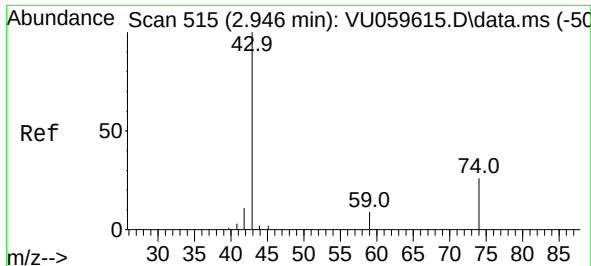
Tgt Ion: 43 Resp: 1498505

Ion Ratio Lower Upper

43 100

58 3.1 0.0 68.0





#15

Methyl Acetate

Concen: 1377.584 ug/L

RT: 2.792 min Scan# 4

Delta R.T. -0.154 min

Lab File: VU059624.D

Acq: 28 Jun 2024 16:41

Instrument :

MSVOA\_U

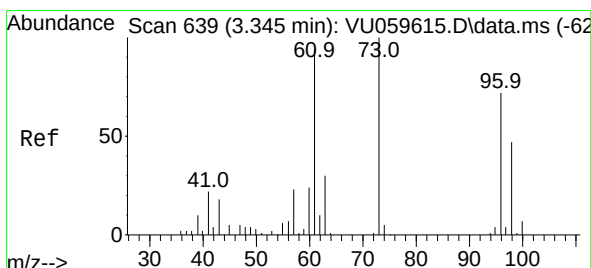
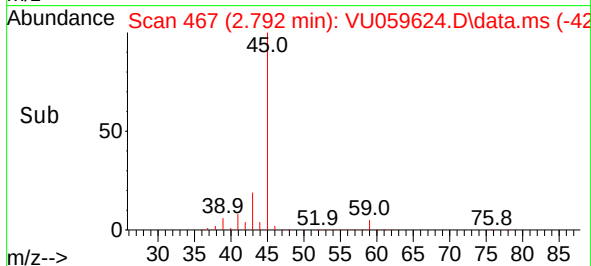
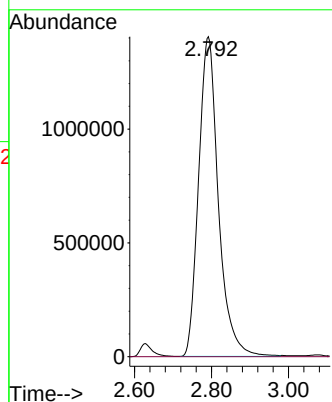
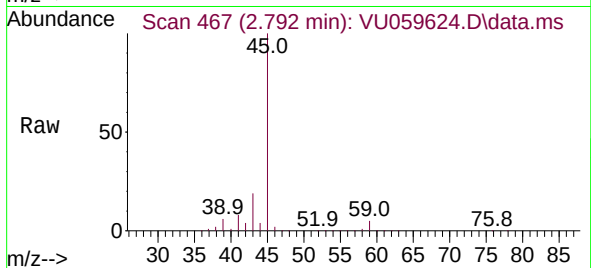
ClientSampleId :

Tgt Ion: 43 Resp: 5015848

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#



#18

trans-1,2-Dichloroethene

Concen: 6.830 ug/L

RT: 3.345 min Scan# 639

Delta R.T. 0.000 min

Lab File: VU059624.D

Acq: 28 Jun 2024 16:41

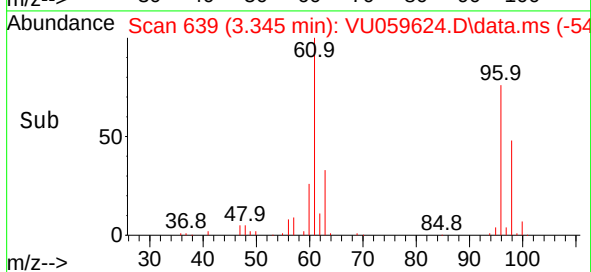
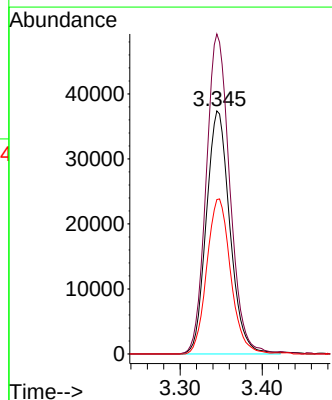
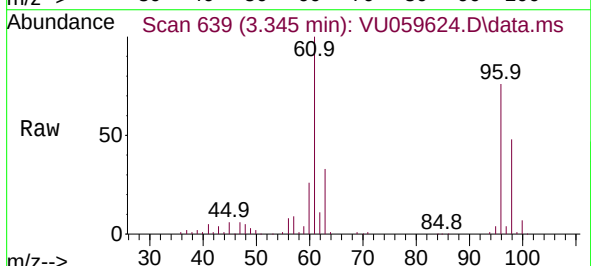
Tgt Ion: 96 Resp: 74807

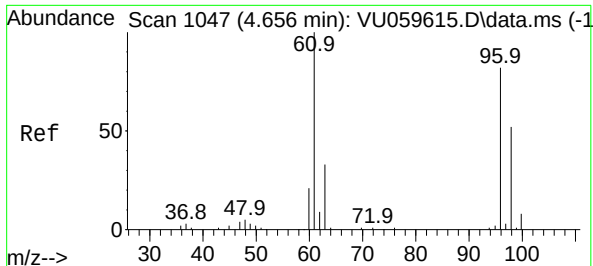
Ion Ratio Lower Upper

96 100

61 131.7 101.8 189.0

98 63.6 43.3 80.5

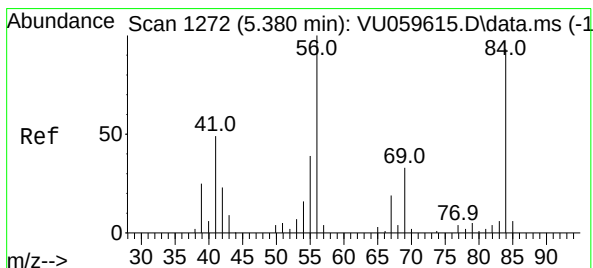
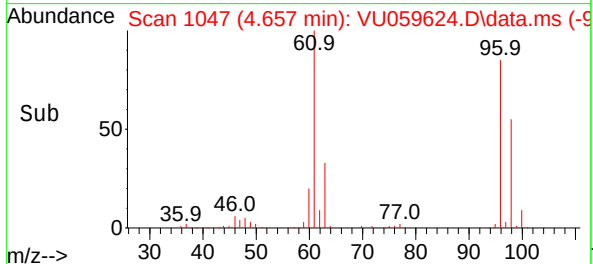
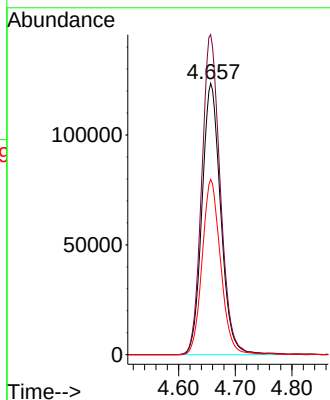
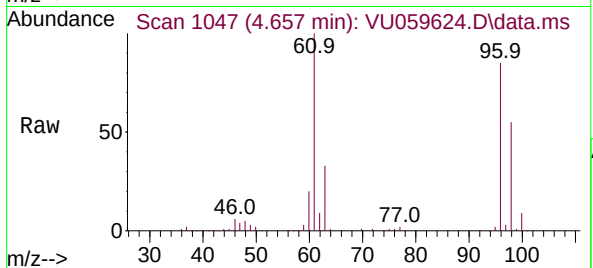




#22  
 cis-1,2-Dichloroethene  
 Concen: 23.476 ug/L  
 RT: 4.657 min Scan# 1047  
 Delta R.T. 0.000 min  
 Lab File: VU059624.D  
 Acq: 28 Jun 2024 16:41

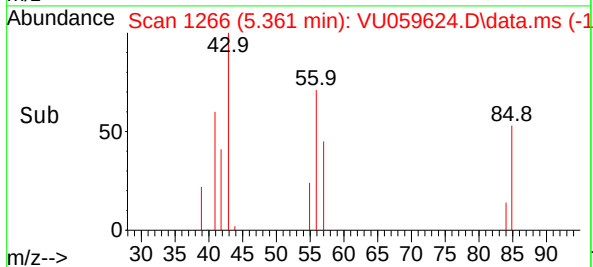
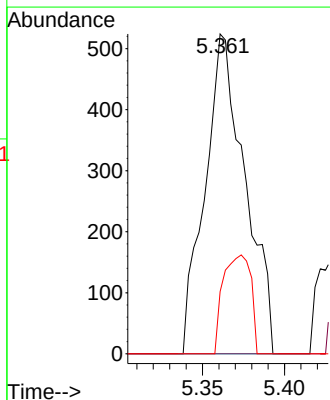
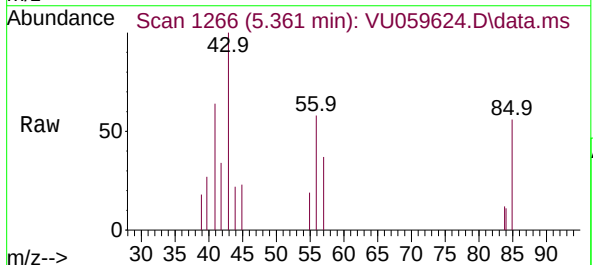
Instrument :  
 MSVOA\_U  
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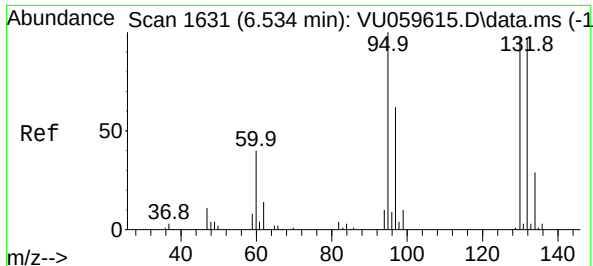
Tgt Ion: 96 Resp: 283428  
 Ion Ratio Lower Upper  
 96 100  
 61 118.0 87.4 162.2  
 98 64.6 42.3 78.5



#30  
 Cyclohexane  
 Concen: 0.059 ug/L  
 RT: 5.361 min Scan# 1266  
 Delta R.T. -0.019 min  
 Lab File: VU059624.D  
 Acq: 28 Jun 2024 16:41

Tgt Ion: 56 Resp: 889  
 Ion Ratio Lower Upper  
 56 100  
 69 2.2 24.8 37.2#  
 84 0.0 69.8 104.8#

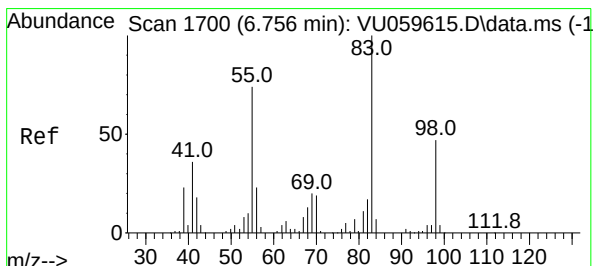
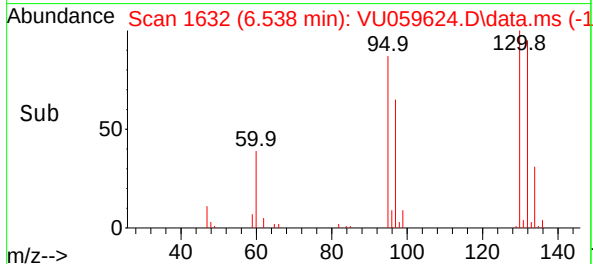
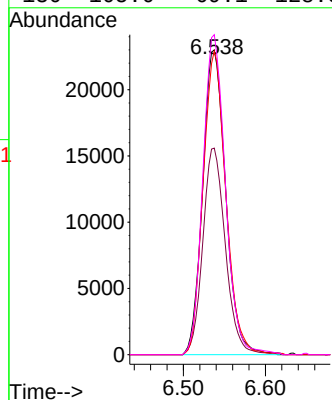
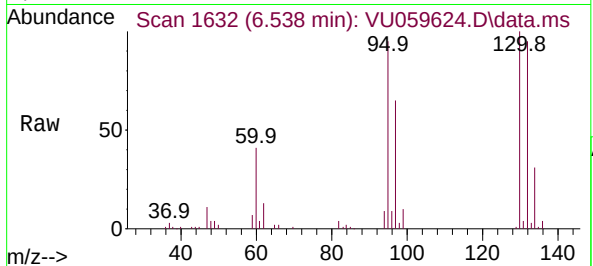




#34  
Trichloroethene  
Concen: 3.673 ug/L  
RT: 6.538 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU059624.D  
Acq: 28 Jun 2024 16:41

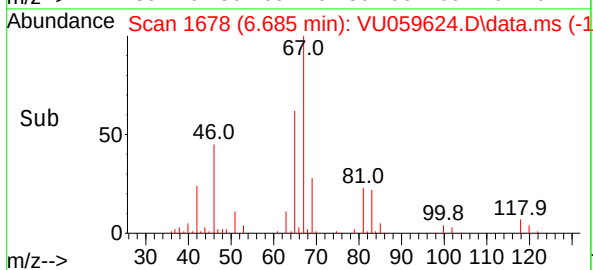
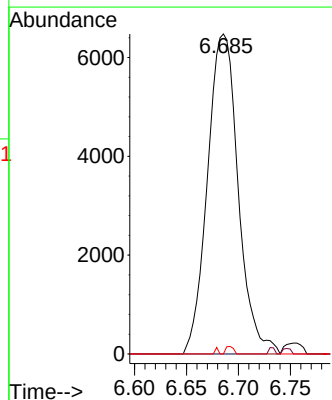
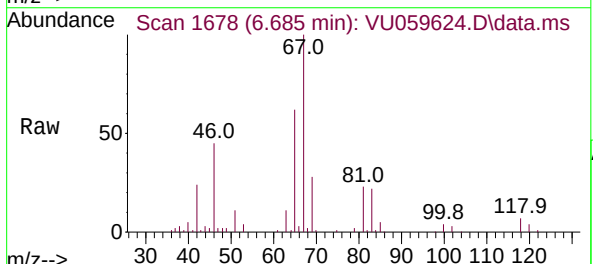
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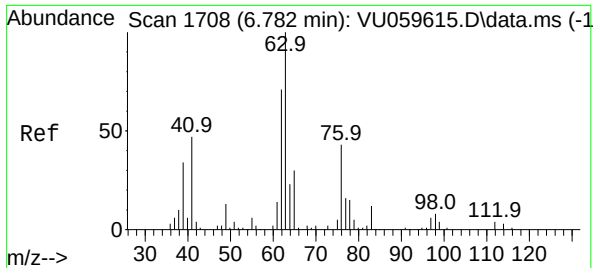
Tgt Ion: 95 Resp: 44982  
Ion Ratio Lower Upper  
95 100  
97 67.8 45.3 84.1  
132 99.6 64.0 119.0  
130 105.0 69.1 128.3



#35  
Methylcyclohexane  
Concen: 0.765 ug/L  
RT: 6.685 min Scan# 1678  
Delta R.T. -0.071 min  
Lab File: VU059624.D  
Acq: 28 Jun 2024 16:41

Tgt Ion: 83 Resp: 13329  
Ion Ratio Lower Upper  
83 100  
55 0.4 62.7 94.1#  
98 0.6 35.4 53.0#

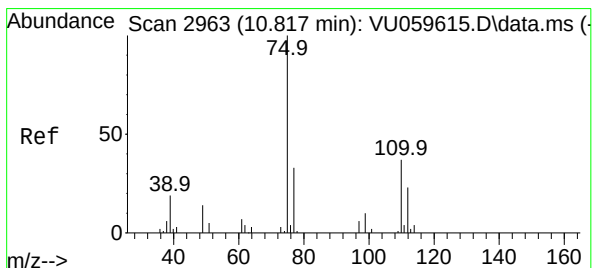
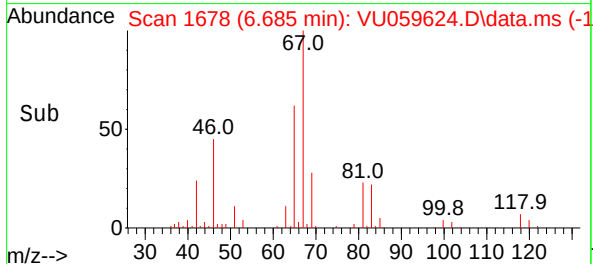
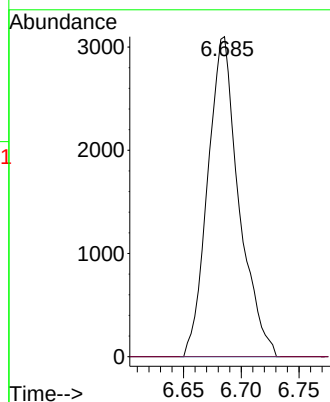
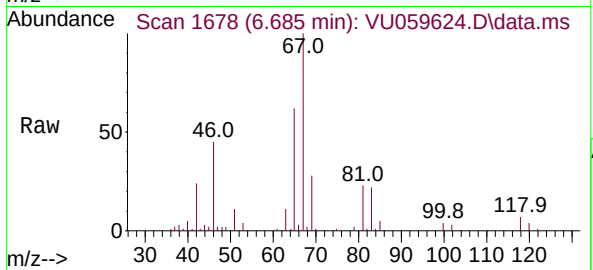




#37  
1,2-Dichloropropane  
Concen: 0.498 ug/L  
RT: 6.685 min Scan# 1  
Delta R.T. -0.096 min  
Lab File: VU059624.D  
Acq: 28 Jun 2024 16:41

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 63 Resp: 5823  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 3.8#



#61  
1,2,3-Trichloropropane  
Concen: 1.175 ug/L  
RT: 11.807 min Scan# 3271  
Delta R.T. 0.990 min  
Lab File: VU059624.D  
Acq: 28 Jun 2024 16:41

Tgt Ion: 75 Resp: 7208  
Ion Ratio Lower Upper  
75 100  
110 0.9 27.1 40.7#  
77 30.2 25.4 38.2

