

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011425\  
 Data File : VU062735.D  
 Acq On : 14 Jan 2025 11:43  
 Operator : MD/SY  
 Sample : Q1058-14  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH8Y3

Quant Time: Jan 15 00:33:01 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jan 15 00:31:11 2025  
 Response via : Initial Calibration

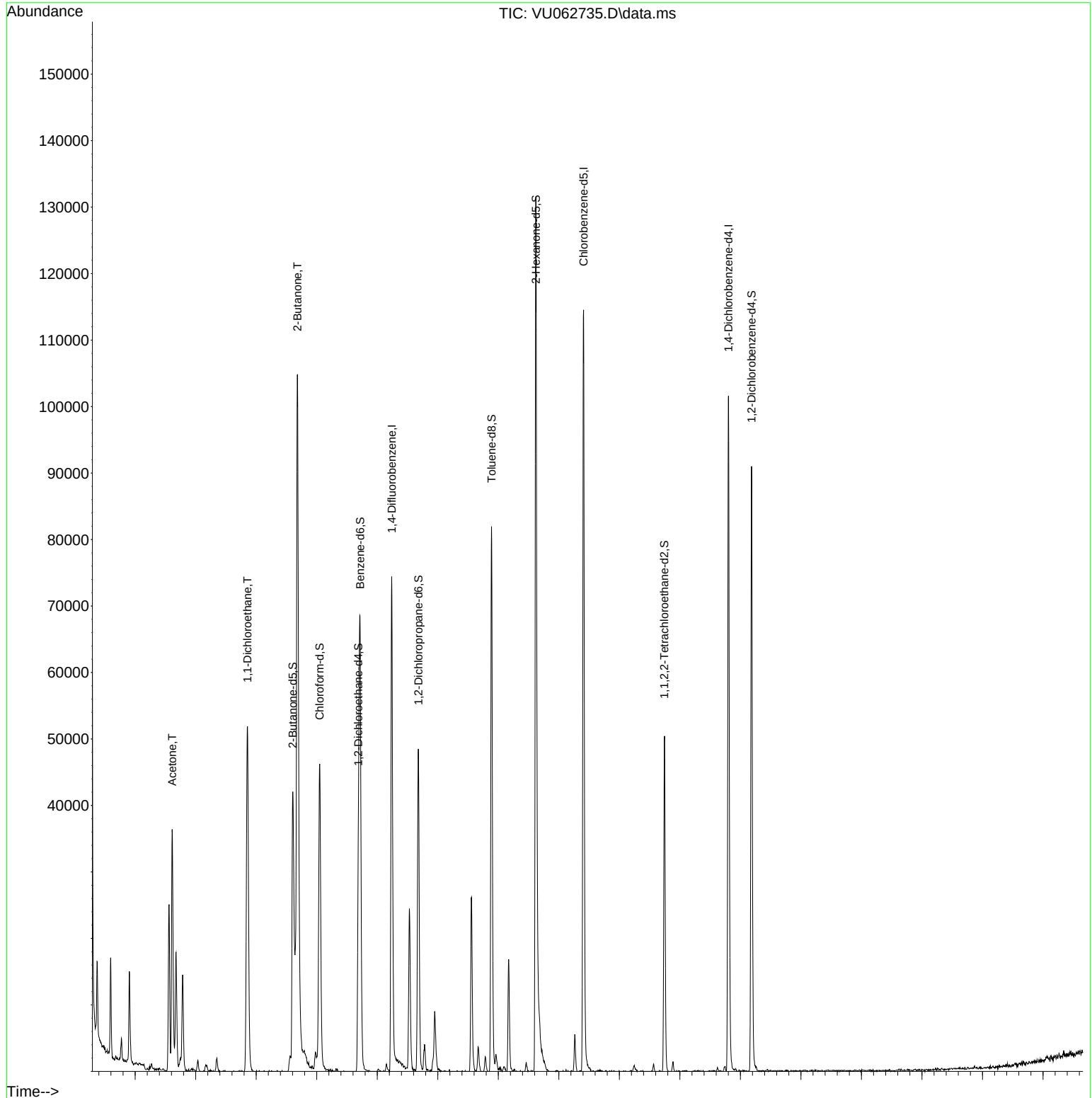
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 61375    | 5.000    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 64669    | 5.000    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 30076    | 5.000    | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 8381     | 2.466    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 49.400%   |
| 7) Chloroethane-d5            | 1.904  | 69    | 10188    | 3.726    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 74.600%   |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 4470     | 2.538    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 50.800%#  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 62056    | 89.324   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 178.640%# |
| 24) Chloroform-d              | 5.049  | 84    | 41696    | 4.986    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 99.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 28839    | 6.357    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 127.200%  |
| 32) Benzene-d6                | 5.718  | 84    | 64120    | 4.056    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 81.200%   |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 21897    | 4.996    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 100.000%  |
| 41) Toluene-d8                | 7.888  | 98    | 56916    | 3.696    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 74.000%   |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 10620    | 4.861    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 97.200%   |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 47955    | 69.790   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 139.580%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.743 | 84    | 23513    | 6.406    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 128.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.183 | 152   | 25656    | 5.127    | ug/L  | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 102.600%  |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       |           |
| 5) Vinyl chloride             | 1.599  | 62    | 1871     | 0.423    | ug/L  | 97        |
| 8) Chloroethane               | 1.923  | 64    | 1261     | 0.475    | ug/L  | 97        |
| 13) Acetone                   | 2.612  | 43    | 42055    | 76.415   | ug/L  | 100       |
| 14) Carbon disulfide          | 2.785  | 76    | 18840    | 1.548    | ug/L  | 98        |
| 19) 1,1-Dichloroethane        | 3.856  | 63    | 59236    | 8.116    | ug/L  | 95        |
| 21) 2-Butanone                | 4.682  | 43    | 139070   | 189.739  | ug/L  | 99        |
| 22) cis-1,2-Dichloroethene    | 4.650  | 96    | 5175     | 1.164    | ug/L  | 96        |
| 34) Trichloroethene           | 6.531  | 95    | 8303     | 1.308    | ug/L  | 93        |
| -----                         |        |       |          |          |       |           |

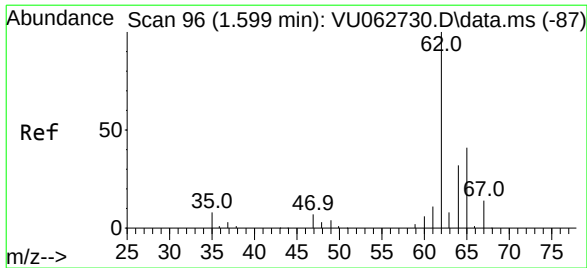
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 15 00:31:11 2025  
Response via : Initial Calibration

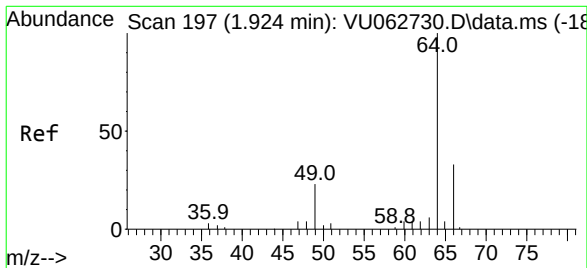
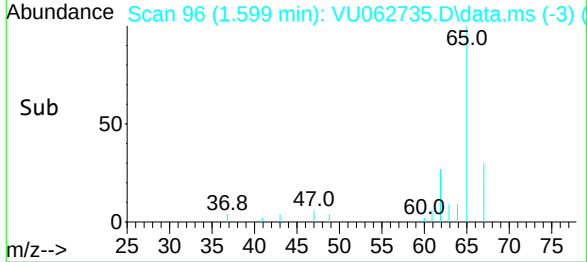
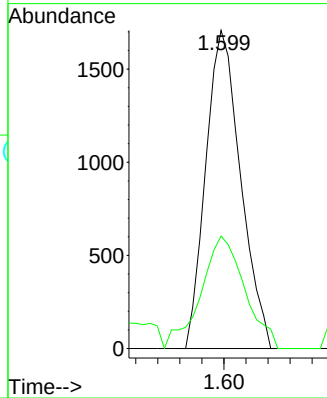
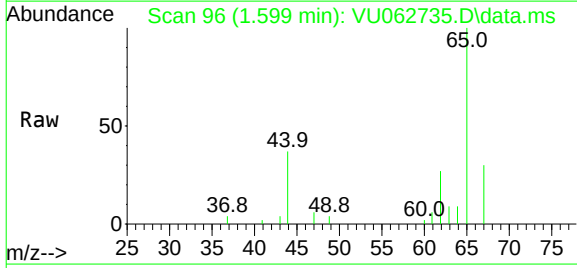




#5  
 Vinyl chloride  
 Concen: 0.423 ug/L  
 RT: 1.599 min Scan# 96  
 Delta R.T. -0.000 min  
 Lab File: VU062735.D  
 Acq: 14 Jan 2025 11:43

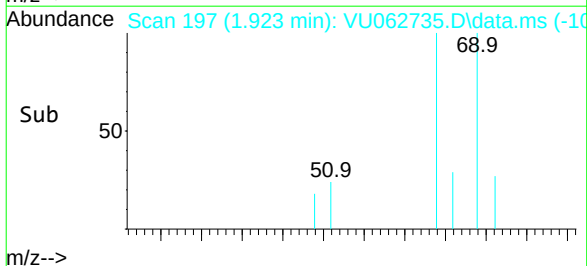
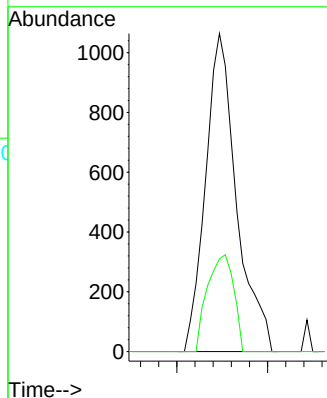
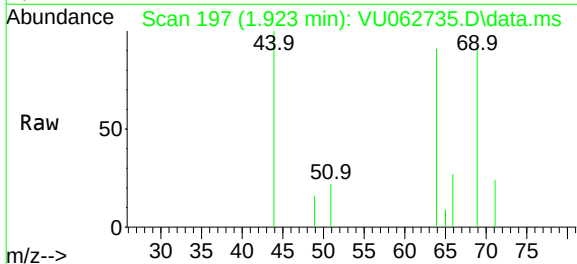
Instrument :  
 MSVOA\_U  
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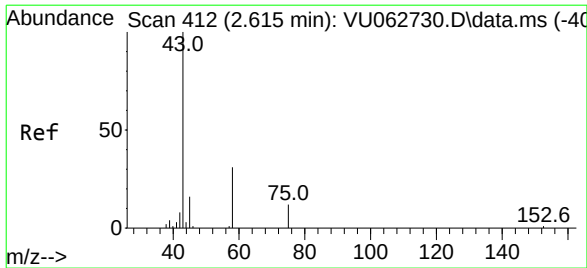
Tgt Ion: 62 Resp: 1871  
 Ion Ratio Lower Upper  
 62 100  
 64 35.4 23.4 43.4



#8  
 Chloroethane  
 Concen: 0.475 ug/L  
 RT: 1.923 min Scan# 197  
 Delta R.T. -0.000 min  
 Lab File: VU062735.D  
 Acq: 14 Jan 2025 11:43

Tgt Ion: 64 Resp: 1261  
 Ion Ratio Lower Upper  
 64 100  
 66 29.1 21.6 40.2





#13

Acetone

Concen: 76.415 ug/L

RT: 2.612 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU062735.D

Acq: 14 Jan 2025 11:43

Instrument :

MSVOA\_U

ClientSampleId :

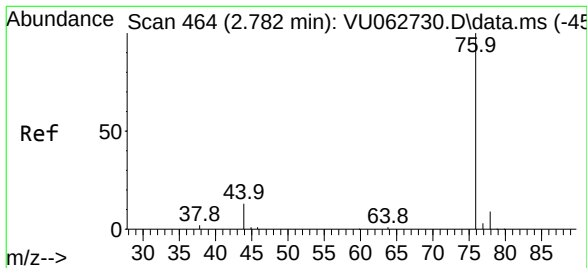
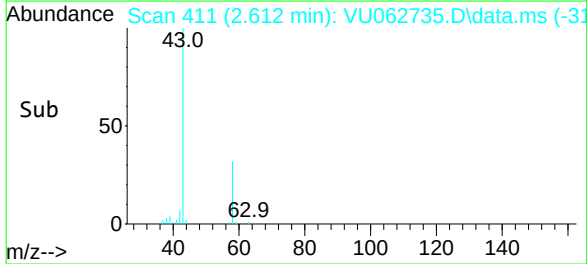
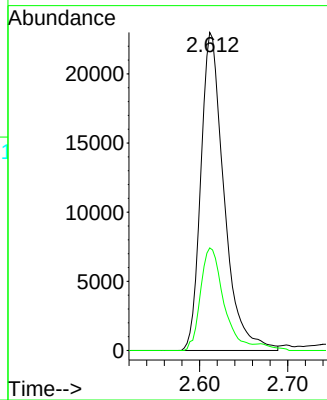
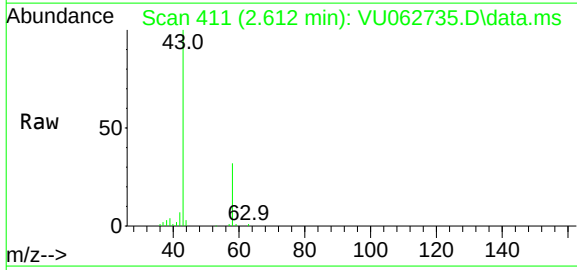
BH8Y3

Tgt Ion: 43 Resp: 42055

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.4



#14

Carbon disulfide

Concen: 1.548 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.003 min

Lab File: VU062735.D

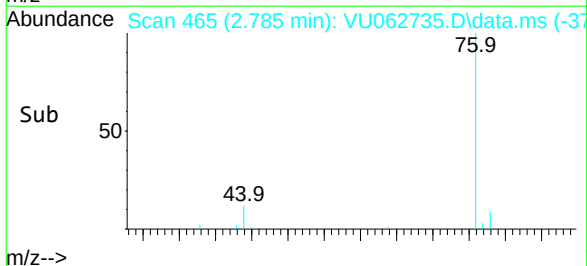
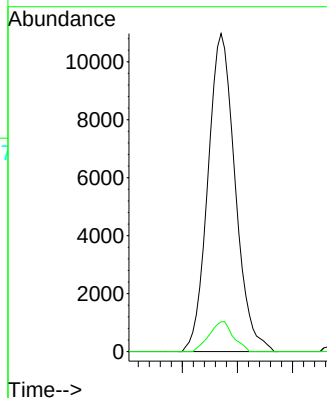
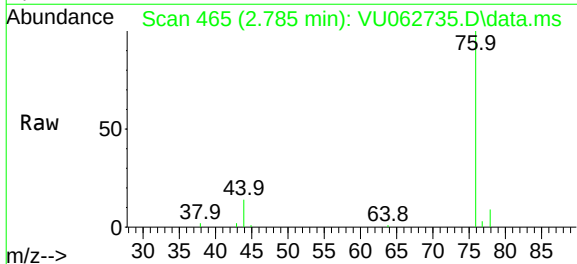
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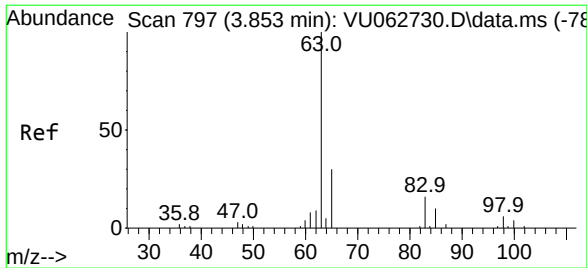
Tgt Ion: 76 Resp: 18840

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

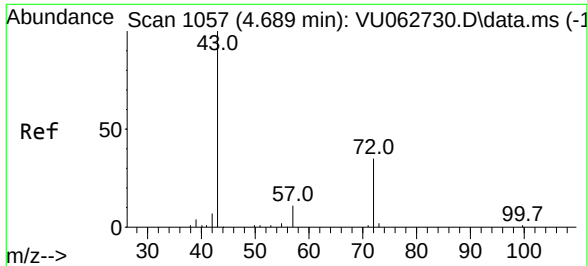
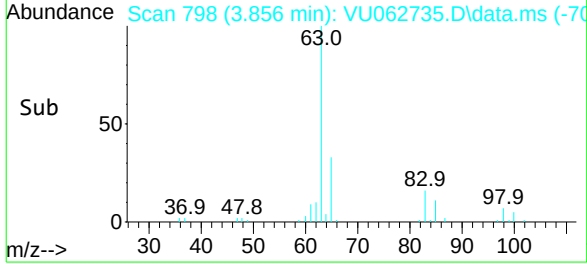
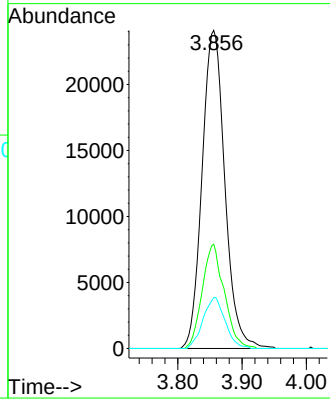
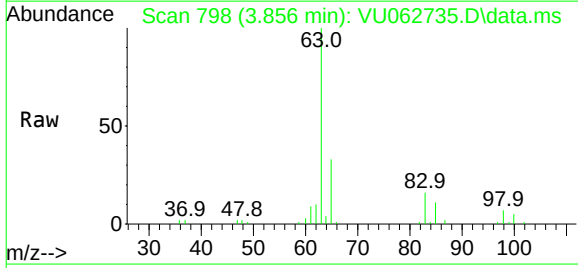




#19  
1,1-Dichloroethane  
Concen: 8.116 ug/L  
RT: 3.856 min Scan# 79  
Delta R.T. 0.003 min  
Lab File: VU062735.D  
Acq: 14 Jan 2025 11:43

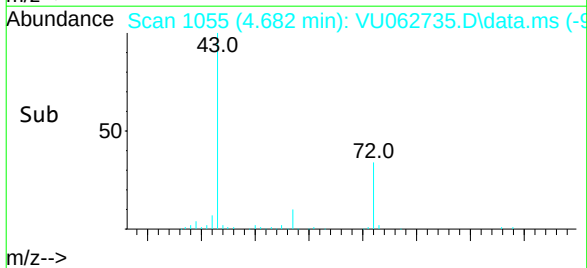
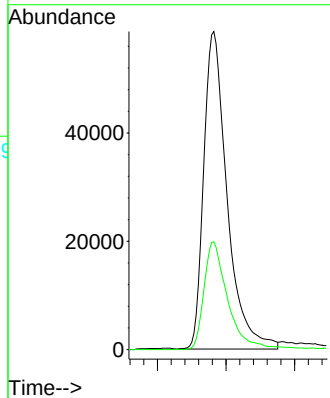
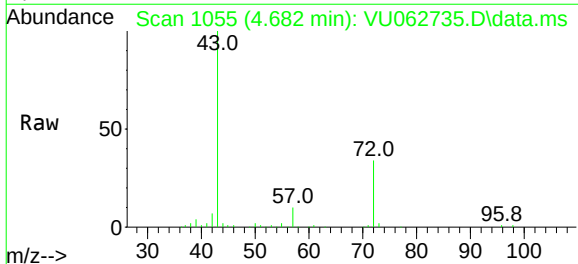
Instrument :  
MSVOA\_U  
ClientSampleId :  
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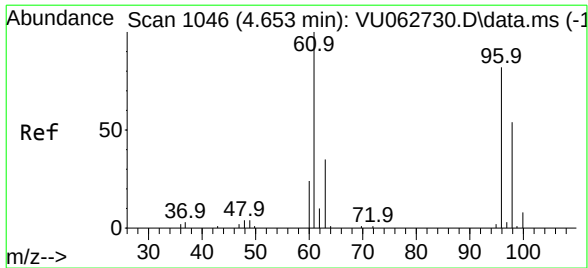
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 59236 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.8  | 20.7  | 38.5  |
| 83       | 15.9  | 10.5  | 19.5  |



#21  
2-Butanone  
Concen: 189.739 ug/L  
RT: 4.682 min Scan# 1055  
Delta R.T. -0.007 min  
Lab File: VU062735.D  
Acq: 14 Jan 2025 11:43

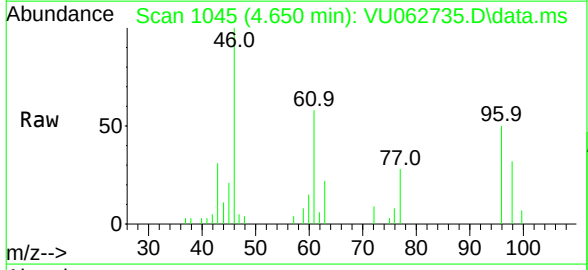
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 139070 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 72       | 34.8  | 17.1  | 51.2   |



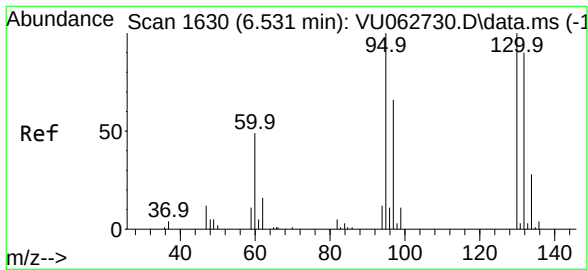
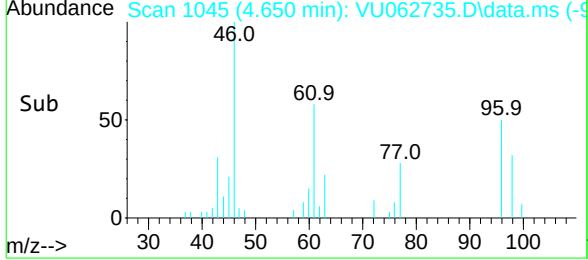
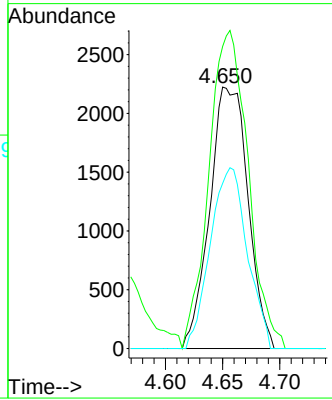


#22  
 cis-1,2-Dichloroethene  
 Concen: 1.164 ug/L  
 RT: 4.650 min Scan# 1045  
 Delta R.T. -0.003 min  
 Lab File: VU062735.D  
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Instrument :  
 MSVOA\_U  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 5175  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 115.6 | 84.8  | 157.6 |
| 98       | 63.2  | 43.1  | 80.1  |



#34  
 Trichloroethene  
 Concen: 1.308 ug/L  
 RT: 6.531 min Scan# 1630  
 Delta R.T. -0.000 min  
 Lab File: VU062735.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 8303  |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 53.3  | 47.5  | 88.3  |
| 132      | 89.7  | 66.9  | 124.3 |
| 130      | 98.1  | 68.6  | 127.4 |

