

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011525\  
 Data File : VU062792.D  
 Acq On : 16 Jan 2025 02:27  
 Operator : MD/SY  
 Sample : P1071-20  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 16 04:43:41 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR010225WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jan 16 01:55:19 2025  
 Response via : Initial Calibration

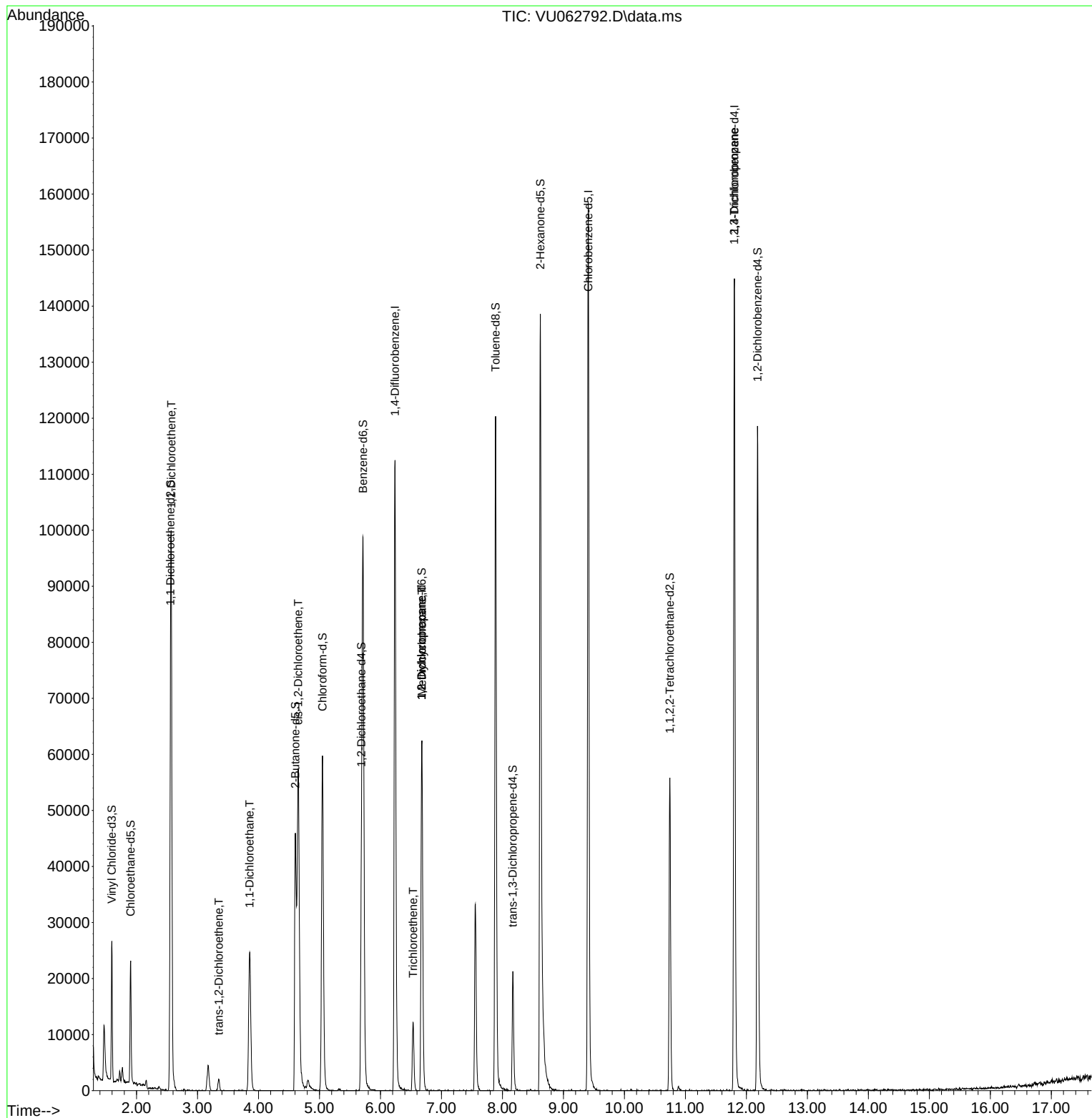
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 93727    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 89179    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 41850    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 14796    | 2.850    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 57.000%  |
| 7) Chloroethane-d5            | 1.904  | 69    | 16001    | 3.832    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 76.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 8583     | 3.192    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 63.800%  |
| 20) 2-Butanone-d5             | 4.605  | 46    | 63878    | 60.209   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.420% |
| 24) Chloroform-d              | 5.049  | 84    | 57400    | 4.494    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 35083    | 5.064    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 101.200% |
| 32) Benzene-d6                | 5.714  | 84    | 92081    | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.676  | 67    | 27888    | 4.614    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.200%  |
| 41) Toluene-d8                | 7.888  | 98    | 83490    | 3.931    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.600%  |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 13599    | 4.514    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.200%  |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 49374    | 52.107   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 104.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 26670    | 5.269    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.400% |
| 66) 1,2-Dichlorobenzene-d4    | 12.184 | 152   | 34817    | 5.001    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.000% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 25495    | 4.382    | ug/L   | 90       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 1093     | 0.175    | ug/L   | 84       |
| 19) 1,1-Dichloroethane        | 3.856  | 63    | 28998    | 2.602    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.653  | 96    | 29788    | 4.388    | ug/L   | 90       |
| 34) Trichloroethene           | 6.534  | 95    | 4258     | 0.486    | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.679  | 83    | 7714     | 0.716    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 6.676  | 63    | 3661     | 0.606    | ug/L # | 85       |
| 61) 1,2,3-Trichloropropane    | 11.801 | 75    | 4364     | 1.176    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

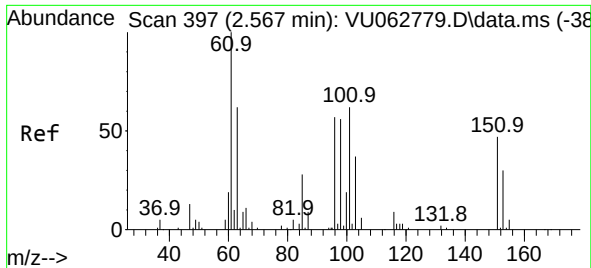
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jan 16 01:55:19 2025  
Response via : Initial Calibration

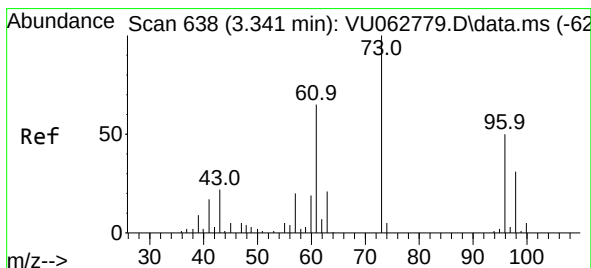
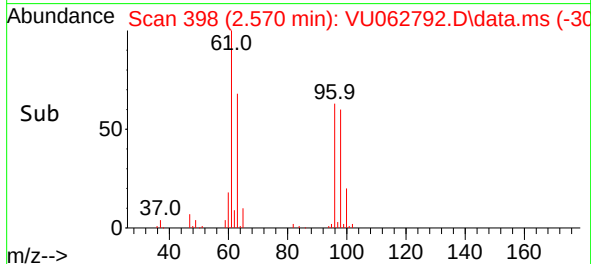
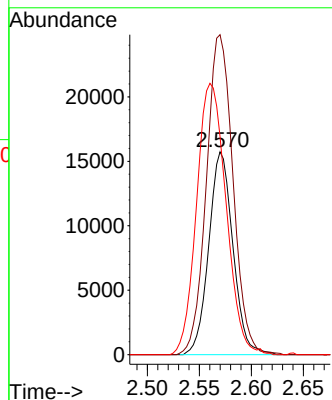
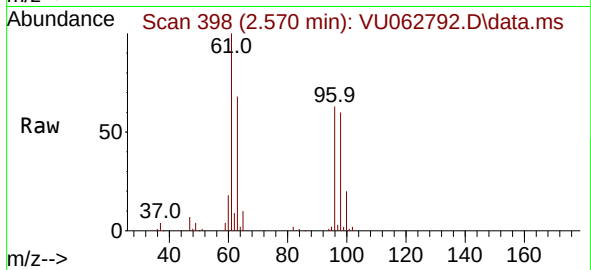




#12  
1,1-Dichloroethene  
Concen: 4.382 ug/L  
RT: 2.570 min Scan# 397  
Delta R.T. 0.003 min  
Lab File: VU062792.D  
Acq: 16 Jan 2025 02:27

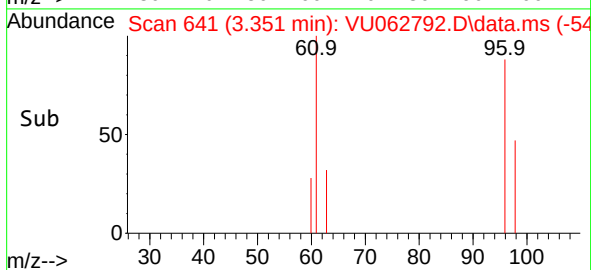
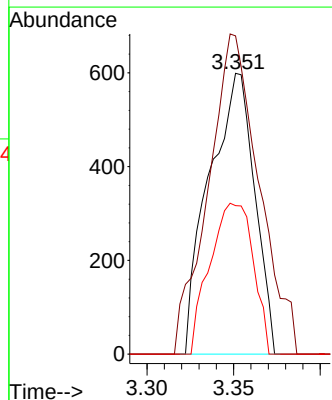
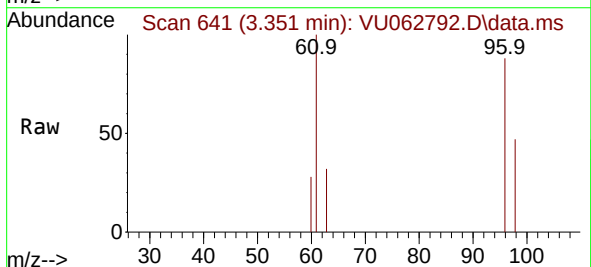
Instrument :  
MSVOA\_U  
ClientSampleId :

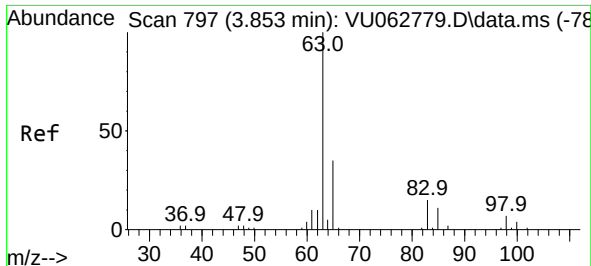
Tgt Ion: 96 Resp: 25495  
Ion Ratio Lower Upper  
96 100  
61 157.7 120.4 223.6  
63 107.5 82.3 152.9



#18  
trans-1,2-Dichloroethene  
Concen: 0.175 ug/L  
RT: 3.351 min Scan# 641  
Delta R.T. 0.010 min  
Lab File: VU062792.D  
Acq: 16 Jan 2025 02:27

Tgt Ion: 96 Resp: 1093  
Ion Ratio Lower Upper  
96 100  
61 113.4 94.4 175.2  
98 52.9 42.8 79.4





#19

1,1-Dichloroethane

Concen: 2.602 ug/L

RT: 3.856 min Scan# 797

Delta R.T. 0.003 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

Instrument :

MSVOA\_U

ClientSampleId :

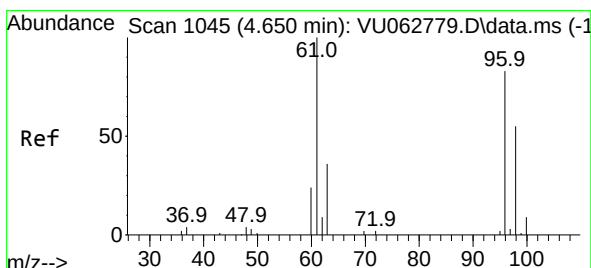
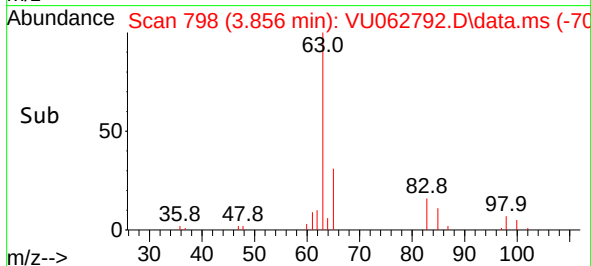
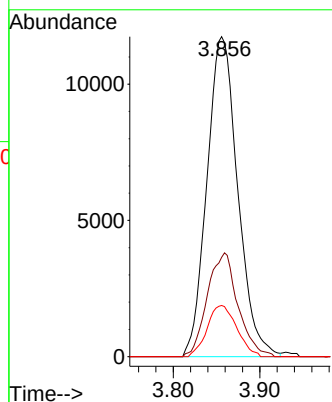
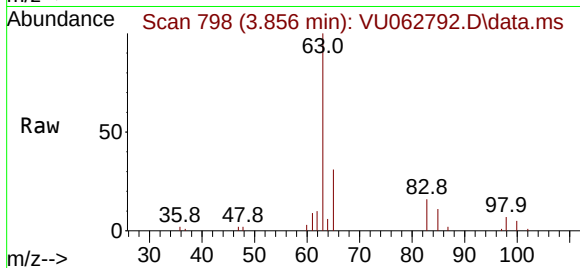
Tgt Ion: 63 Resp: 28998

Ion Ratio Lower Upper

63 100

65 31.1 20.7 38.5

83 16.0 10.5 19.5



#22

cis-1,2-Dichloroethene

Concen: 4.388 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

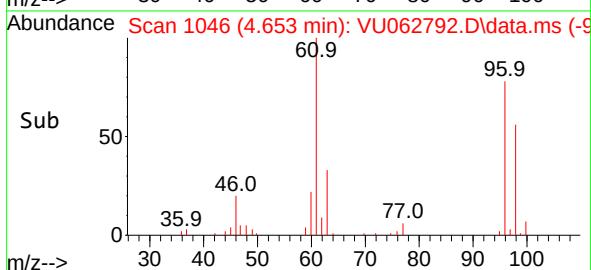
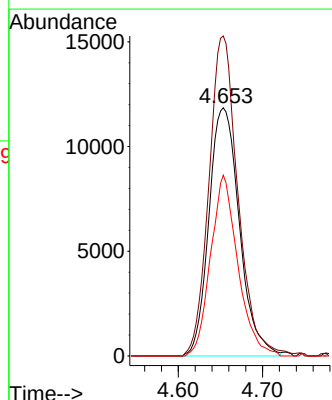
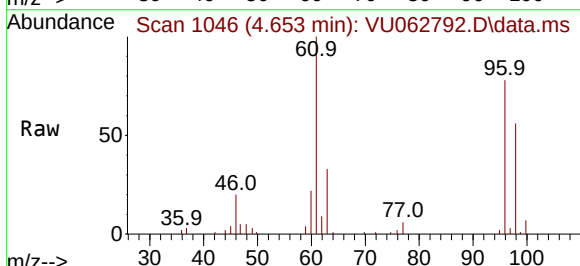
Tgt Ion: 96 Resp: 29788

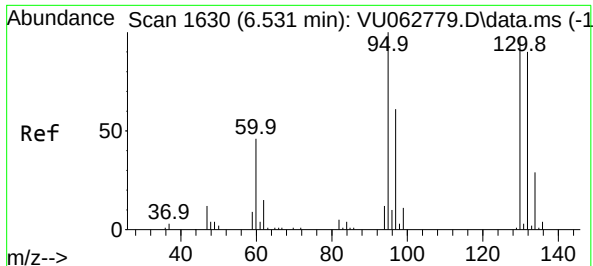
Ion Ratio Lower Upper

96 100

61 128.9 84.8 157.6

98 72.8 43.1 80.1





#34

Trichloroethene

Concen: 0.486 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

Instrument :

MSVOA\_U

ClientSampleId :

Tgt Ion: 95 Resp: 4258

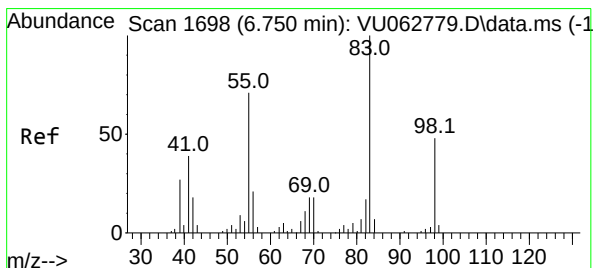
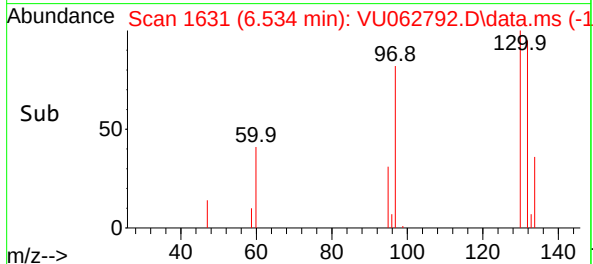
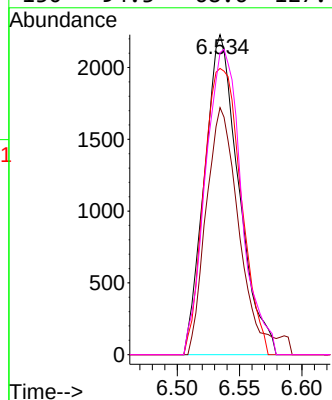
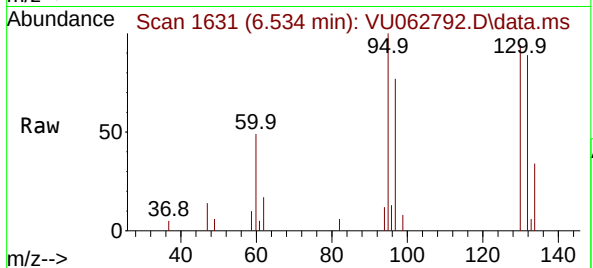
Ion Ratio Lower Upper

95 100

97 77.2 47.5 88.3

132 89.5 66.9 124.3

130 94.3 68.6 127.4



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.071 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

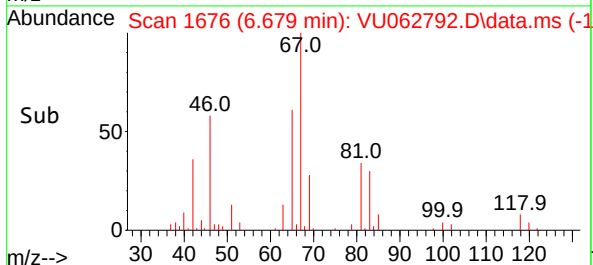
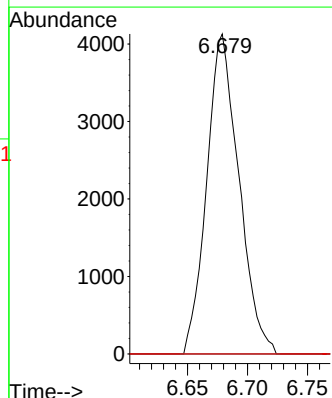
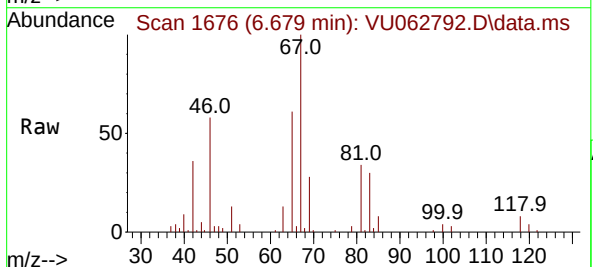
Tgt Ion: 83 Resp: 7714

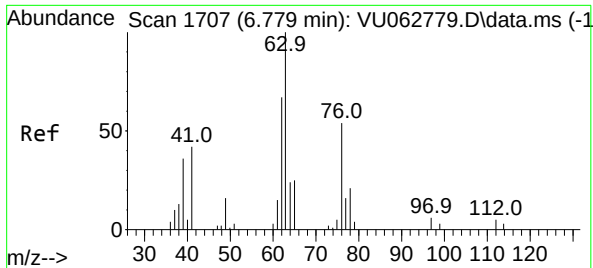
Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 2.2 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.676 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

Instrument :

MSVOA\_U

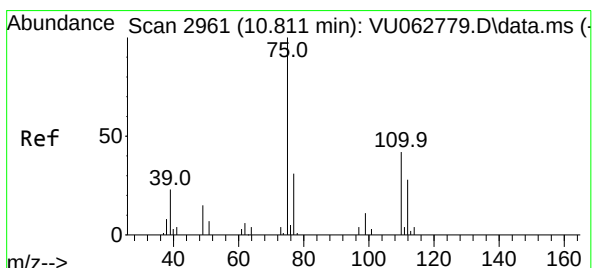
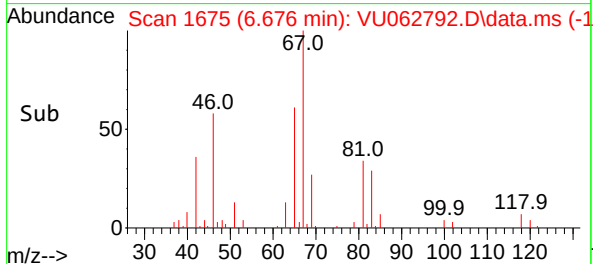
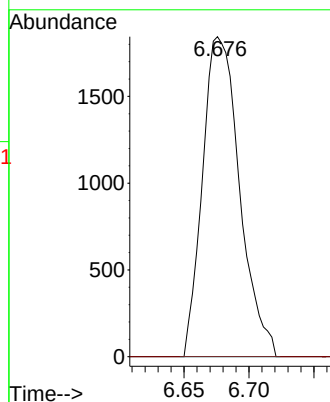
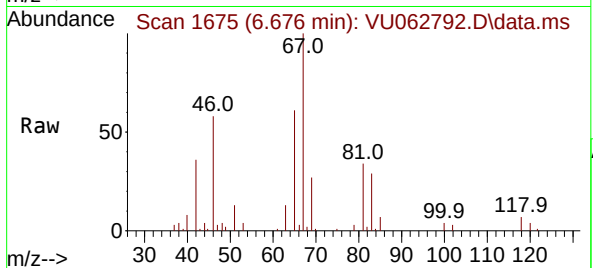
ClientSampleId :

Tgt Ion: 63 Resp: 3661

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.176 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.990 min

Lab File: VU062792.D

Acq: 16 Jan 2025 02:27

Tgt Ion: 75 Resp: 4364

Ion Ratio Lower Upper

75 100

110 2.2 33.2 49.8#

77 33.7 25.9 38.9

