

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011425\  
 Data File : VU062745.D  
 Acq On : 14 Jan 2025 15:42  
 Operator : MD/SY  
 Sample : Q1057-13  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jan 15 00:36:00 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

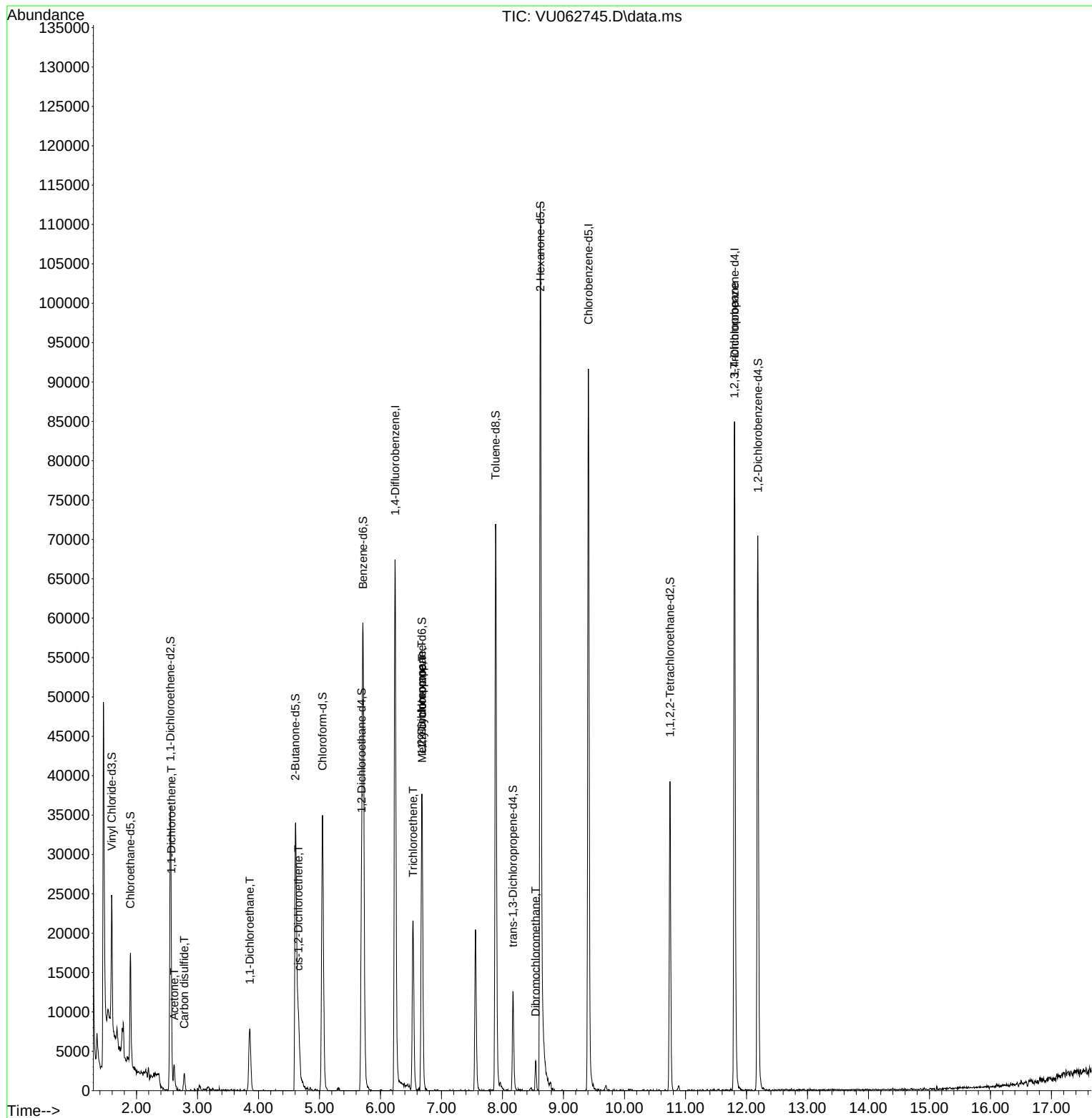
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 55451    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.409  | 117   | 52699    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 24996    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.592  | 65    | 11468    | 3.734    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.600%   |
| 7) Chloroethane-d5            | 1.901  | 69    | 10134    | 4.102    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.557  | 65    | 6331     | 3.979    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.600%   |
| 20) 2-Butanone-d5             | 4.605  | 46    | 49901    | 79.502   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 159.000%# |
| 24) Chloroform-d              | 5.049  | 84    | 33534    | 4.438    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.689  | 65    | 21920    | 5.348    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.000%  |
| 32) Benzene-d6                | 5.714  | 84    | 56135    | 4.358    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.200%   |
| 36) 1,2-Dichloropropane-d6    | 6.679  | 67    | 16816    | 4.708    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.200%   |
| 41) Toluene-d8                | 7.888  | 98    | 50910    | 4.056    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.200%   |
| 43) trans-1,3-Dichloroprop... | 8.171  | 79    | 7754     | 4.355    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.200%   |
| 46) 2-Hexanone-d5             | 8.621  | 63    | 38549    | 68.844   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 137.680%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 18660    | 6.238    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 124.800%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 19819    | 4.766    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.400%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 12) 1,1-Dichloroethene        | 2.570  | 96    | 2529     | 0.735    | ug/L # | 6         |
| 13) Acetone                   | 2.618  | 43    | 4193     | 8.433    | ug/L   | 85        |
| 14) Carbon disulfide          | 2.782  | 76    | 2929     | 0.266    | ug/L   | 98        |
| 19) 1,1-Dichloroethane        | 3.859  | 63    | 9523     | 1.444    | ug/L   | 98        |
| 22) cis-1,2-Dichloroethene    | 4.656  | 96    | 3349     | 0.834    | ug/L   | 92        |
| 34) Trichloroethene           | 6.534  | 95    | 7969     | 1.541    | ug/L   | 91        |
| 35) Methylcyclohexane         | 6.682  | 83    | 4933     | 0.775    | ug/L # | 21        |
| 37) 1,2-Dichloropropane       | 6.676  | 63    | 2305     | 0.645    | ug/L # | 85        |
| 49) Dibromochloromethane      | 8.544  | 129   | 860      | 0.221    | ug/L # | 12        |
| 61) 1,2,3-Trichloropropane    | 11.801 | 75    | 1948     | 0.879    | ug/L # | 49        |
| -----                         |        |       |          |          |        |           |

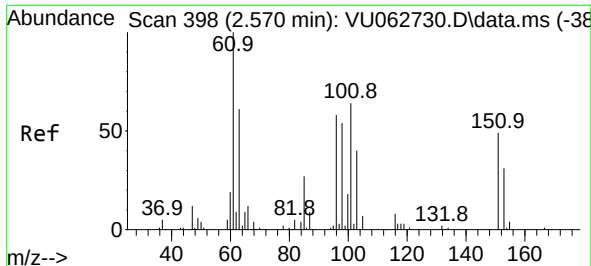
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 00:36:00 2025  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jan 15 00:31:11 2025  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.735 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU062745.D

Acq: 14 Jan 2025 15:42

Instrument :

MSVOA\_U

ClientSampleId :

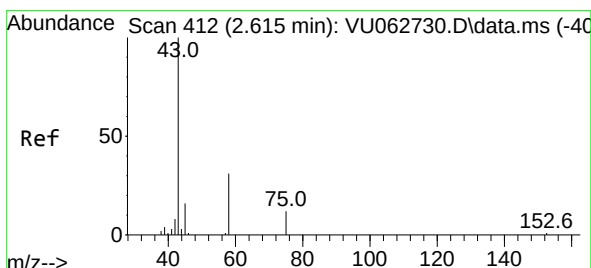
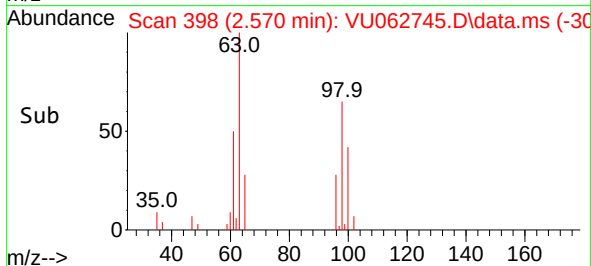
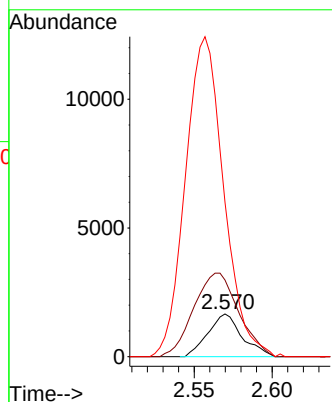
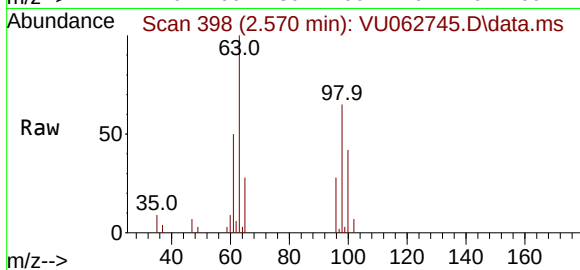
Tgt Ion: 96 Resp: 2529

Ion Ratio Lower Upper

96 100

61 179.7 120.4 223.6

63 361.8 82.3 152.9#



#13

Acetone

Concen: 8.433 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU062745.D

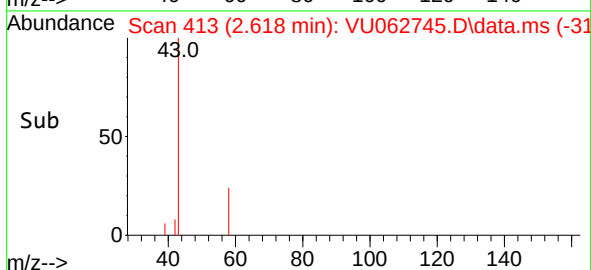
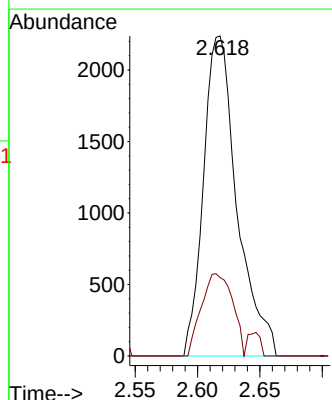
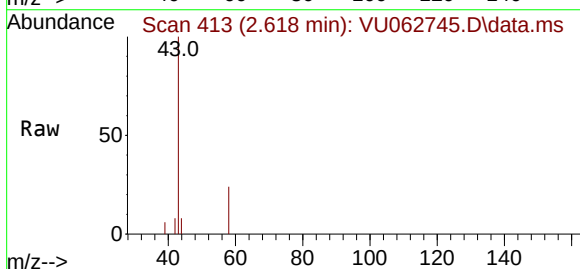
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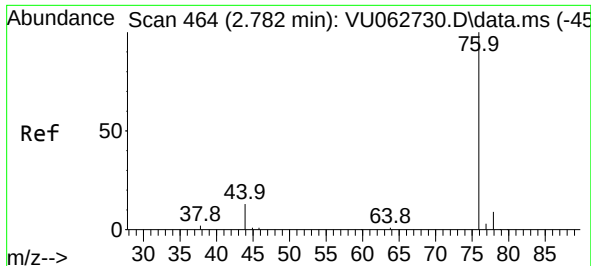
Tgt Ion: 43 Resp: 4193

Ion Ratio Lower Upper

43 100

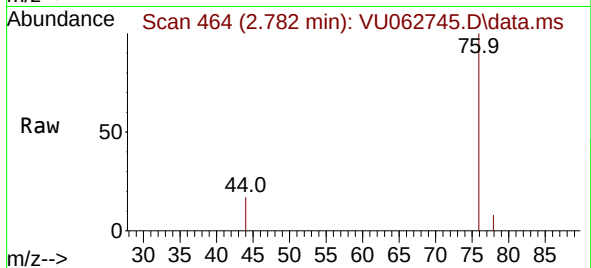
58 23.8 0.0 64.4



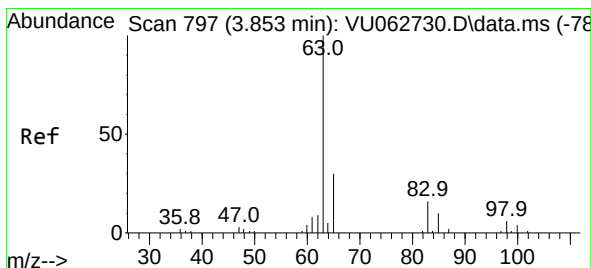
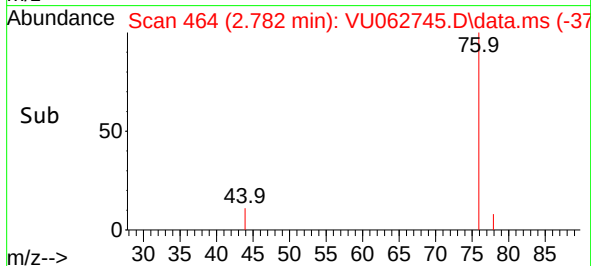
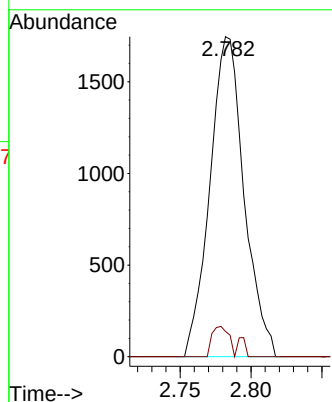


#14  
Carbon disulfide  
Concen: 0.266 ug/L  
RT: 2.782 min Scan# 464  
Delta R.T. -0.000 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

Instrument :  
MSVOA\_U  
ClientSampleId :

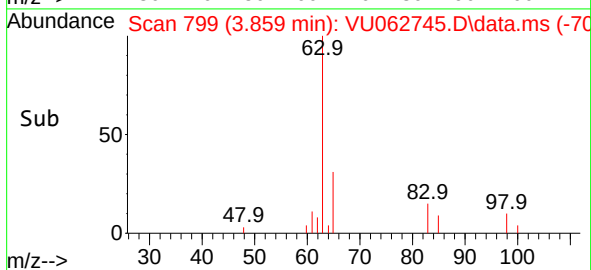
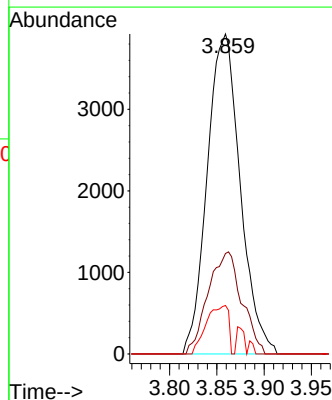
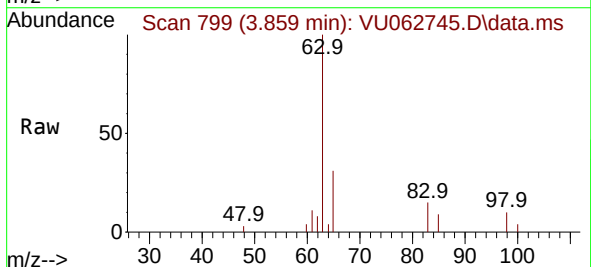


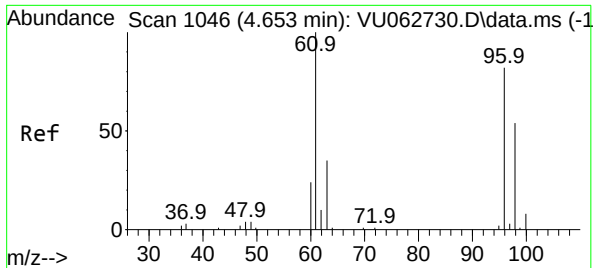
Tgt Ion: 76 Resp: 2929  
Ion Ratio Lower Upper  
76 100  
78 7.9 7.0 10.6



#19  
1,1-Dichloroethane  
Concen: 1.444 ug/L  
RT: 3.859 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

Tgt Ion: 63 Resp: 9523  
Ion Ratio Lower Upper  
63 100  
65 31.4 20.7 38.5  
83 15.2 10.5 19.5

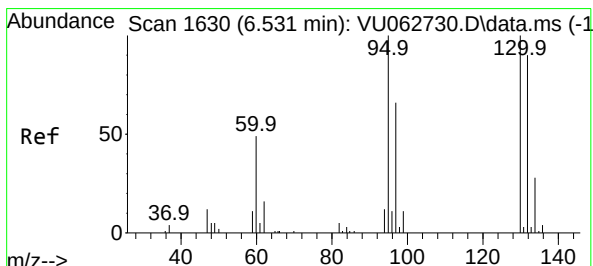
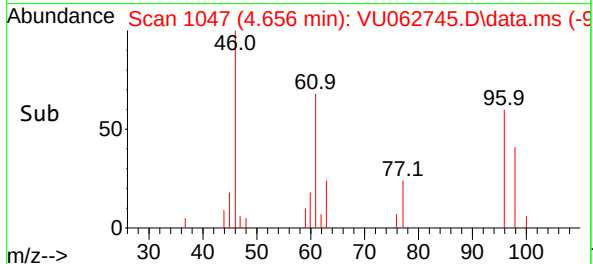
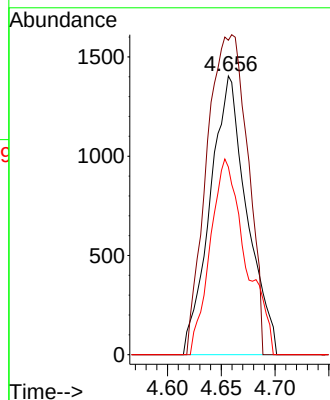
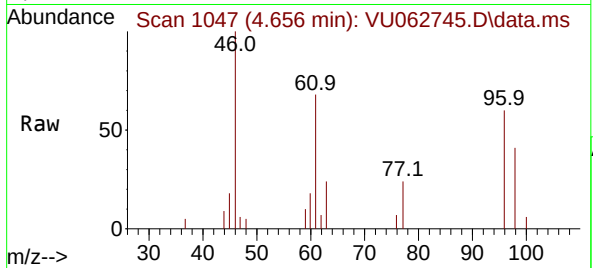




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.834 ug/L  
 RT: 4.656 min Scan# 1047  
 Delta R.T. 0.003 min  
 Lab File: VU062745.D  
 Acq: 14 Jan 2025 15:42

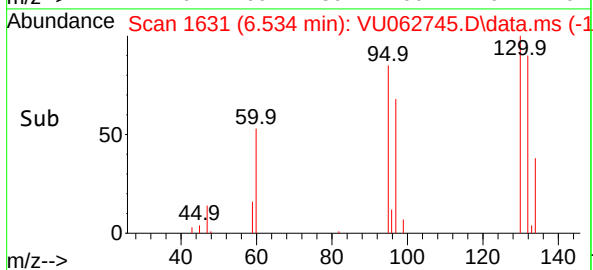
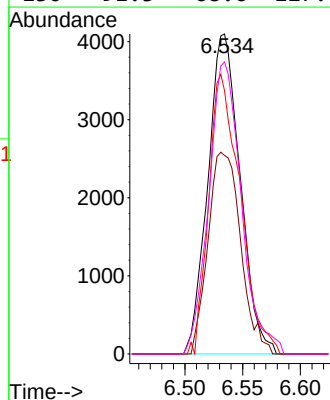
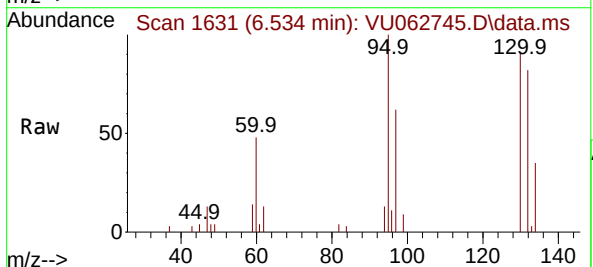
Instrument :  
 MSVOA\_U  
 ClientSampleId :

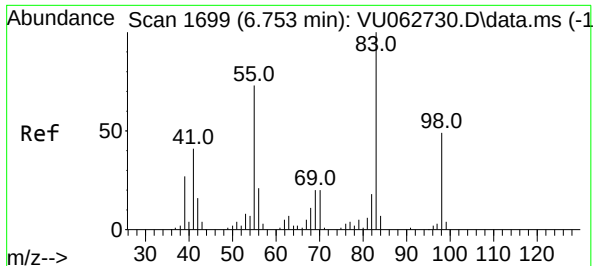
Tgt Ion: 96 Resp: 3349  
 Ion Ratio Lower Upper  
 96 100  
 61 112.8 84.8 157.6  
 98 67.4 43.1 80.1



#34  
 Trichloroethene  
 Concen: 1.541 ug/L  
 RT: 6.534 min Scan# 1631  
 Delta R.T. 0.003 min  
 Lab File: VU062745.D  
 Acq: 14 Jan 2025 15:42

Tgt Ion: 95 Resp: 7969  
 Ion Ratio Lower Upper  
 95 100  
 97 62.0 47.5 88.3  
 132 82.3 66.9 124.3  
 130 91.3 68.6 127.4

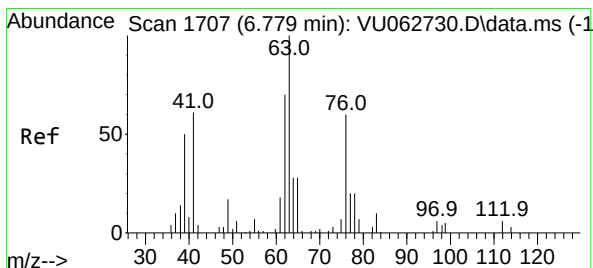
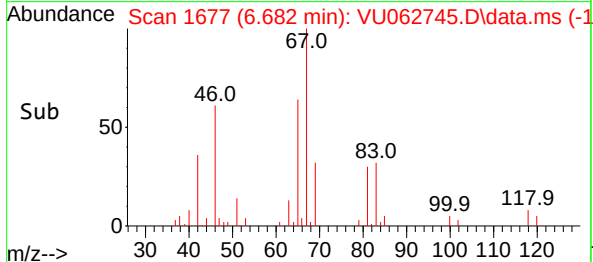
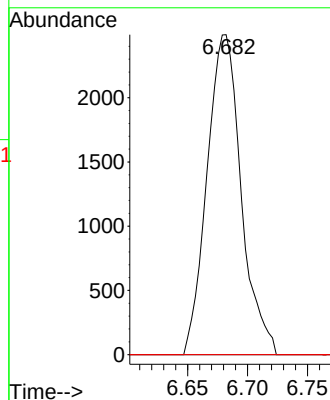
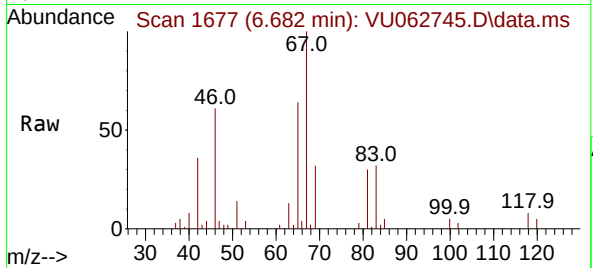




#35  
Methylcyclohexane  
Concen: 0.775 ug/L  
RT: 6.682 min Scan# 1677  
Delta R.T. -0.071 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

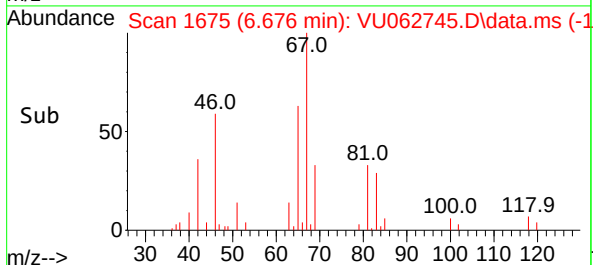
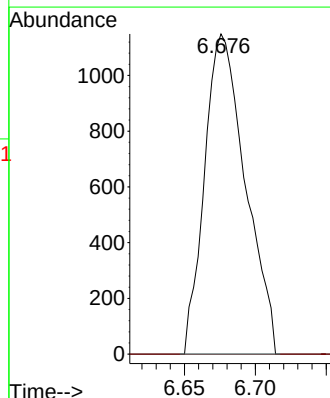
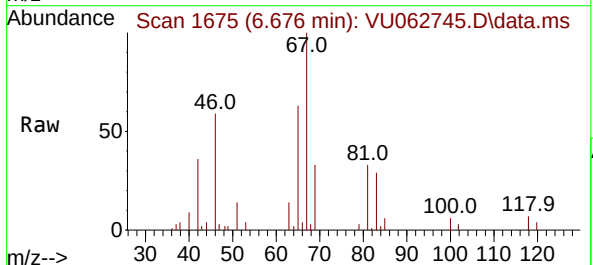
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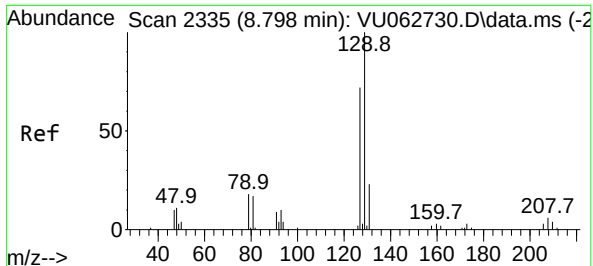
Tgt Ion: 83 Resp: 4933  
Ion Ratio Lower Upper  
83 100  
55 0.0 57.2 85.8#  
98 0.5 36.6 55.0#



#37  
1,2-Dichloropropane  
Concen: 0.645 ug/L  
RT: 6.676 min Scan# 1675  
Delta R.T. -0.103 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

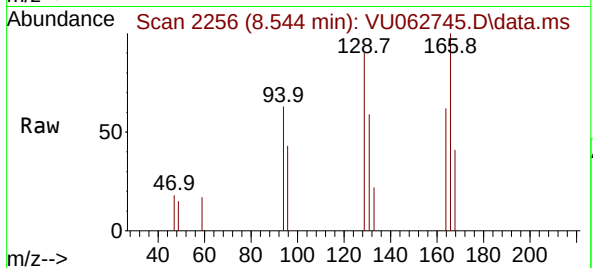
Tgt Ion: 63 Resp: 2305  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#



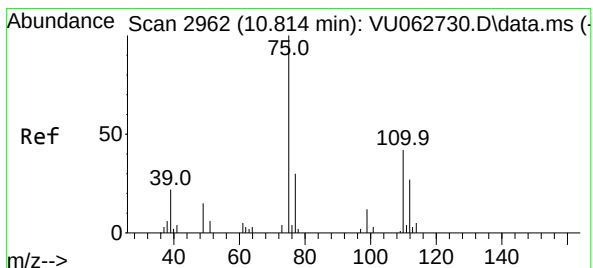
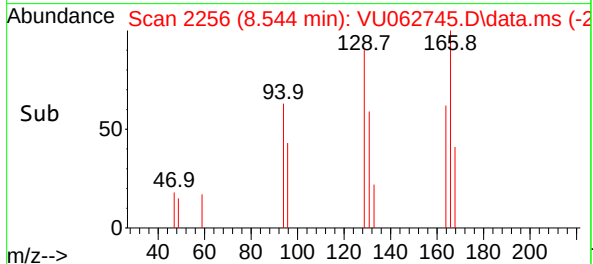
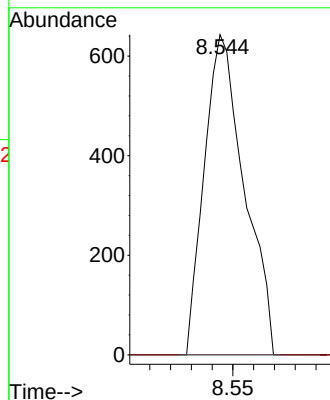


#49  
Dibromochloromethane  
Concen: 0.221 ug/L  
RT: 8.544 min Scan# 21  
Delta R.T. -0.254 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion:129 Resp: 860  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.1 96.9#



#61  
1,2,3-Trichloropropane  
Concen: 0.879 ug/L  
RT: 11.801 min Scan# 3269  
Delta R.T. 0.987 min  
Lab File: VU062745.D  
Acq: 14 Jan 2025 15:42

Tgt Ion: 75 Resp: 1948  
Ion Ratio Lower Upper  
75 100  
110 0.0 33.2 49.8#  
77 49.6 25.9 38.9#

