

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122723\  
 Data File : VU057321.D  
 Acq On : 28 Dec 2023 09:11  
 Operator : MD/SY  
 Sample : 06021-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BH7Y7

Quant Time: Dec 28 20:47:27 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 28 05:49:04 2023  
 Response via : Initial Calibration

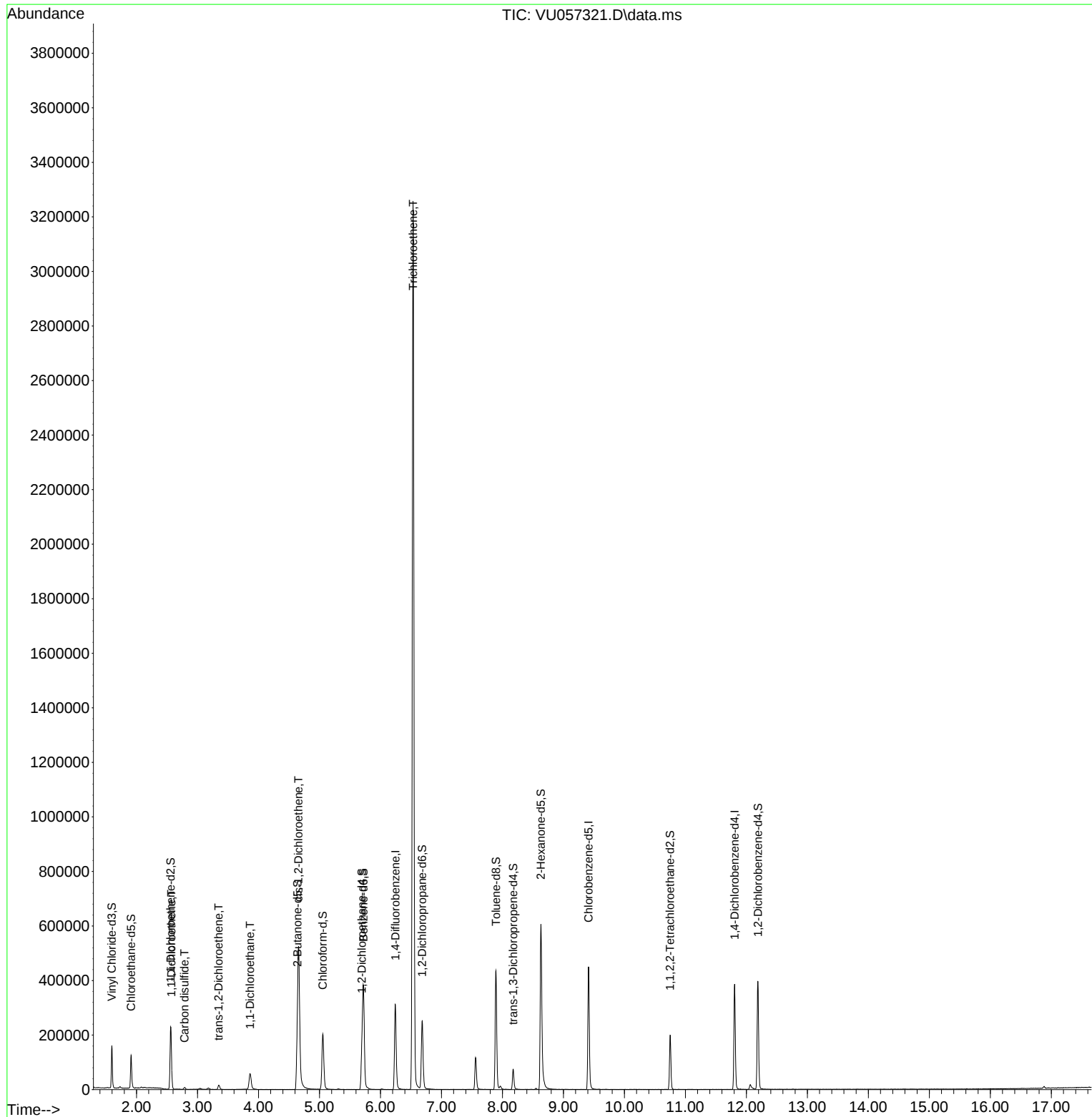
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 6.245  | 114      | 244567   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.412  | 117      | 249734   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.807 | 152      | 101395   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.595  | 65       | 107560   | 5.116  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 102.400% |          |
| 7) Chloroethane-d5            |        | 1.910  | 69       | 95135    | 5.634  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 112.600% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.560  | 65       | 42602    | 5.091  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 101.800% |          |
| 20) 2-Butanone-d5             |        | 4.637  | 46       | 281513   | 59.117 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 118.240% |          |
| 24) Chloroform-d              |        | 5.055  | 84       | 195267   | 5.223  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 104.400% |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.695  | 65       | 106502   | 5.574  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 111.400% |          |
| 32) Benzene-d6                |        | 5.721  | 84       | 363411   | 5.105  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 102.000% |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.682  | 67       | 124325   | 5.573  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 111.400% |          |
| 41) Toluene-d8                |        | 7.894  | 98       | 295168   | 4.806  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 96.200%  |          |
| 43) trans-1,3-Dichloroprop... |        | 8.177  | 79       | 44119    | 4.929  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 98.600%  |          |
| 46) 2-Hexanone-d5             |        | 8.630  | 63       | 211301   | 52.122 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 104.240% |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.749 | 84       | 98316    | 5.248  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 105.000% |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.190 | 152      | 105712   | 5.726  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 114.600% |          |
| Target Compounds              |        |        |          |          |        |          |          |
|                               |        |        |          |          |        |          | Qvalue   |
| 12) 1,1-Dichloroethene        |        | 2.570  | 96       | 5880     | 0.368  | ug/L     | # 1      |
| 14) Carbon disulfide          |        | 2.788  | 76       | 10015    | 0.220  | ug/L     | 97       |
| 18) trans-1,2-Dichloroethene  |        | 3.348  | 96       | 7033     | 0.443  | ug/L     | 99       |
| 19) 1,1-Dichloroethane        |        | 3.862  | 63       | 68495    | 2.055  | ug/L     | 97       |
| 22) cis-1,2-Dichloroethene    |        | 4.656  | 96       | 232208   | 12.665 | ug/L     | 97       |
| 34) Trichloroethene           |        | 6.534  | 95       | 1162984  | 60.662 | ug/L     | 97       |
| -----                         |        |        |          |          |        |          |          |

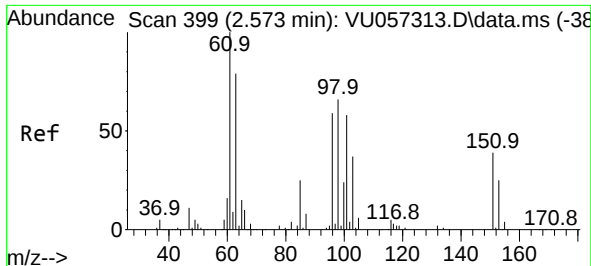
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122723\  
Data File : VU057321.D  
Acq On : 28 Dec 2023 09:11  
Operator : MD/SY  
Sample : 06021-05  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH7Y7

Quant Time: Dec 28 20:47:27 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122723WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 28 05:49:04 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

Instrument :

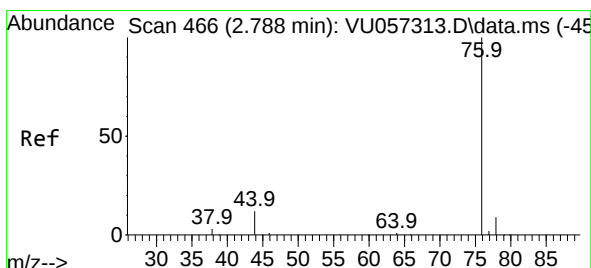
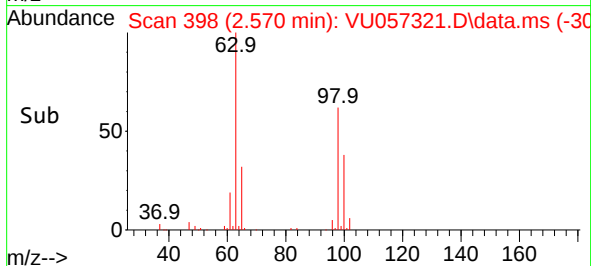
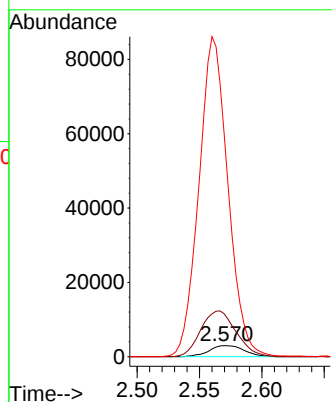
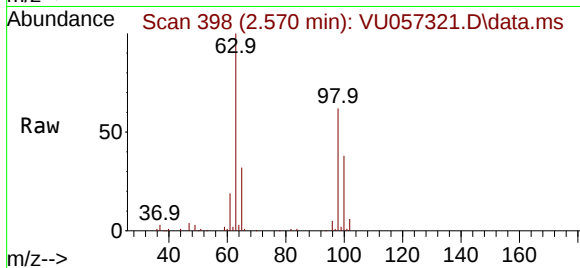
MSVOA\_U

ClientSampleId :

BH7Y7

Tgt Ion: 96 Resp: 5880

| Ion | Ratio  | Lower | Upper  |
|-----|--------|-------|--------|
| 96  | 100    |       |        |
| 61  | 390.0  | 122.2 | 226.9# |
| 63  | 2035.2 | 99.2  | 184.2# |



#14

Carbon disulfide

Concen: 0.220 ug/L

RT: 2.788 min Scan# 466

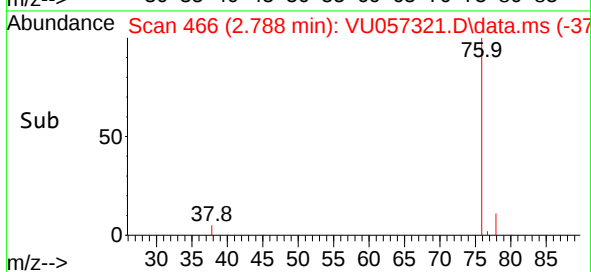
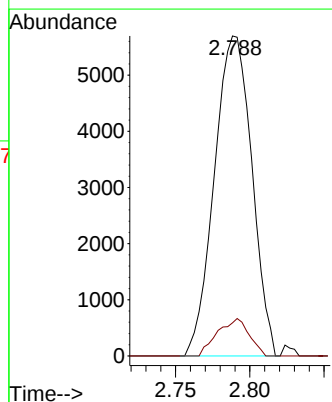
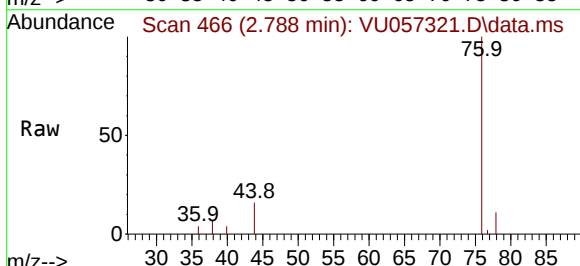
Delta R.T. -0.000 min

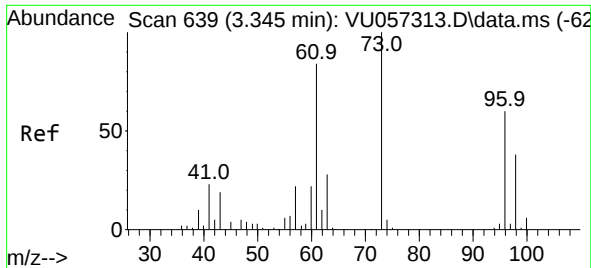
Lab File: VU057321.D

Acq: 28 Dec 2023 09:11

Tgt Ion: 76 Resp: 10015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 10.3  | 7.3   | 10.9  |

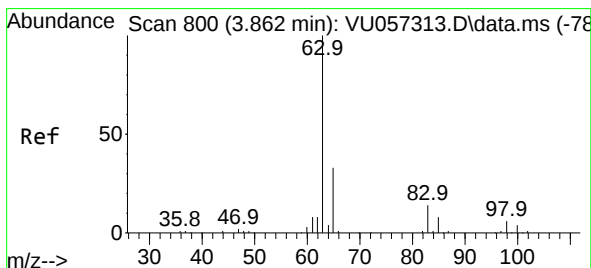
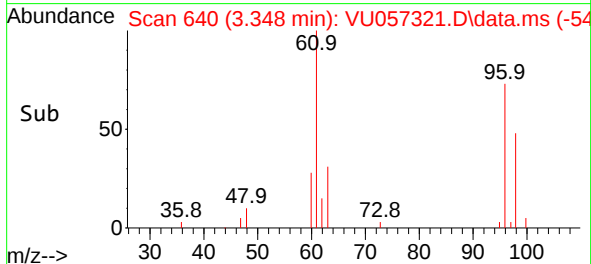
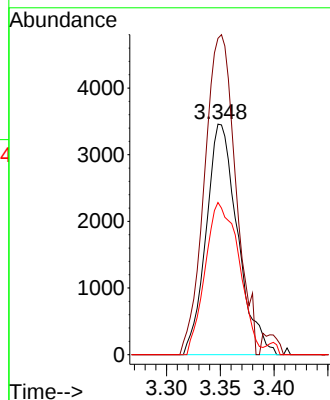
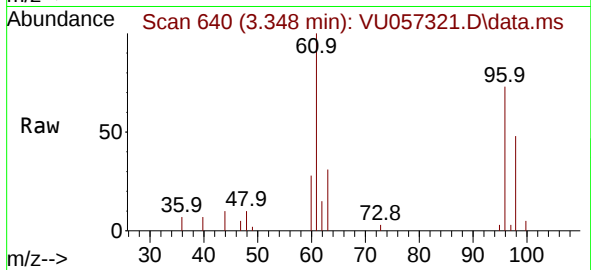




#18  
trans-1,2-Dichloroethene  
Concen: 0.443 ug/L  
RT: 3.348 min Scan# 640  
Delta R.T. 0.003 min  
Lab File: VU057321.D  
Acq: 28 Dec 2023 09:11

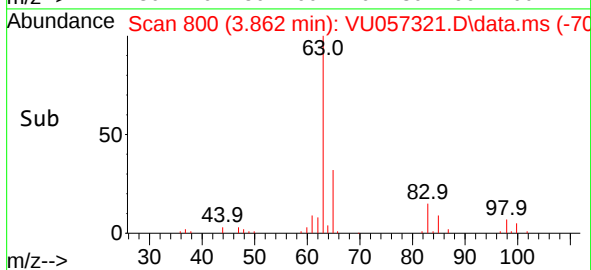
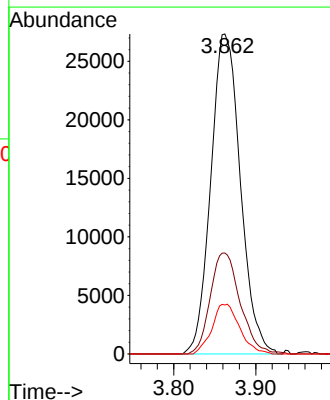
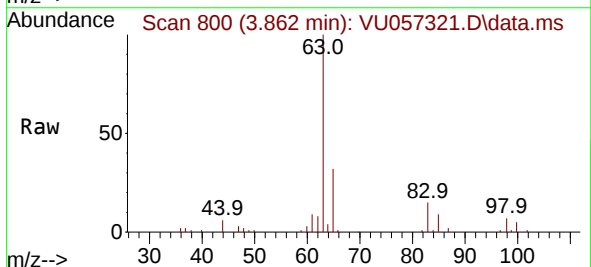
Instrument :  
MSVOA\_U  
ClientSampleId :  
BH7Y7

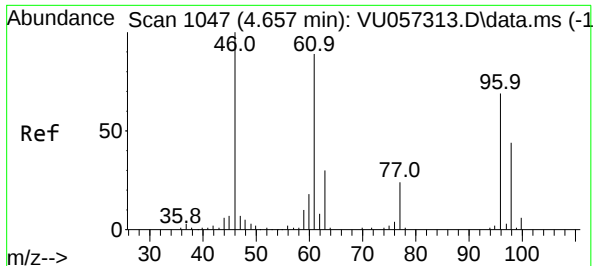
Tgt Ion: 96 Resp: 7033  
Ion Ratio Lower Upper  
96 100  
61 137.2 97.5 181.1  
98 66.0 45.9 85.3



#19  
1,1-Dichloroethane  
Concen: 2.055 ug/L  
RT: 3.862 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VU057321.D  
Acq: 28 Dec 2023 09:11

Tgt Ion: 63 Resp: 68495  
Ion Ratio Lower Upper  
63 100  
65 32.3 23.6 43.8  
83 15.3 9.8 18.2

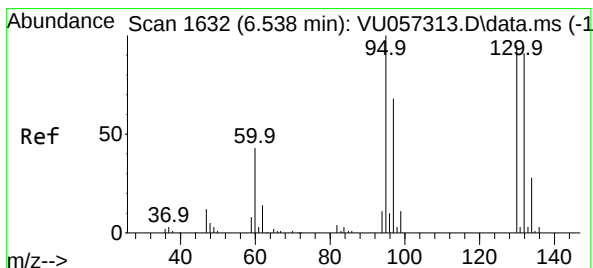
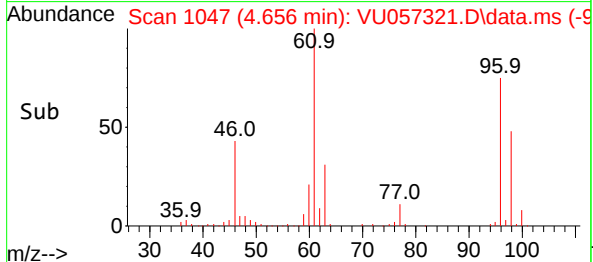
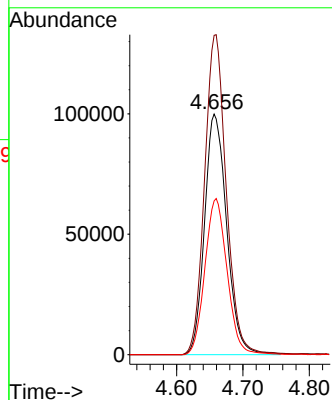
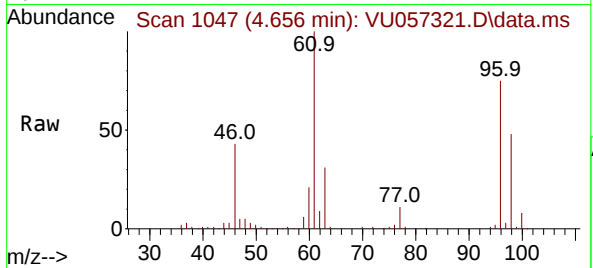




#22  
cis-1,2-Dichloroethene  
Concen: 12.665 ug/L  
RT: 4.656 min Scan# 1047  
Delta R.T. -0.000 min  
Lab File: VU057321.D  
Acq: 28 Dec 2023 09:11

Instrument :  
MSVOA\_U  
ClientSampleId :  
BH7Y7

Tgt Ion: 96 Resp: 232208  
Ion Ratio Lower Upper  
96 100  
61 132.7 91.1 169.3  
98 63.9 42.6 79.0



#34  
Trichloroethene  
Concen: 60.662 ug/L  
RT: 6.534 min Scan# 1631  
Delta R.T. -0.003 min  
Lab File: VU057321.D  
Acq: 28 Dec 2023 09:11

Tgt Ion: 95 Resp: 1162984  
Ion Ratio Lower Upper  
95 100  
97 64.8 45.3 84.1  
132 88.3 63.1 117.3  
130 91.5 67.7 125.7

