

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031522\  
 Data File : VU047572.D  
 Acq On : 15 Mar 2022 13:10  
 Operator : SY/MD  
 Sample : N1909-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Mar 16 06:45:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Mar 16 06:43:54 2022  
 Response via : Initial Calibration

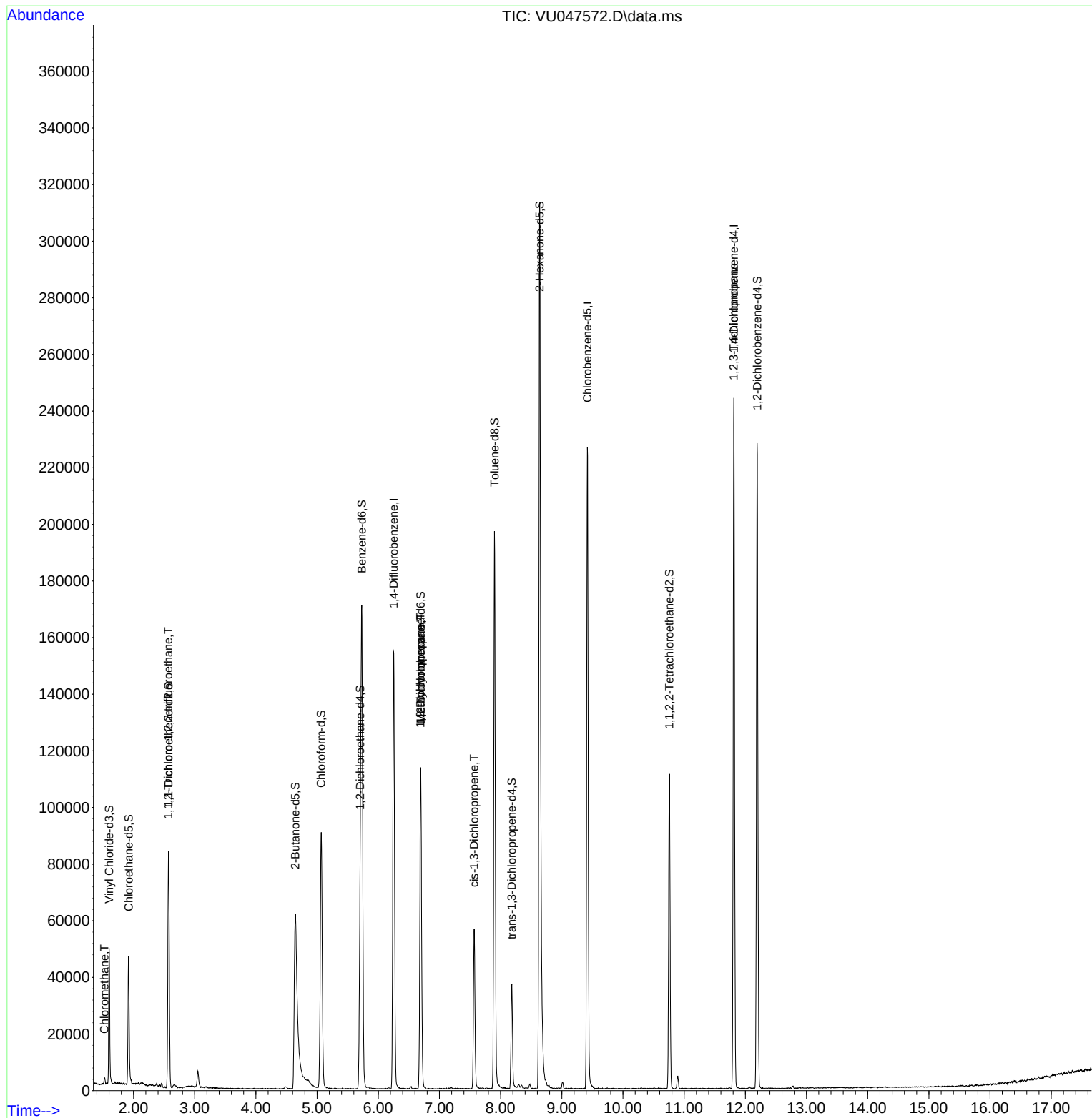
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114            | 134879   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 133707   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813 | 152            | 67968    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 34705    | 3.934  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 78.600%  |          |
| 7) Chloroethane-d5            | 1.919  | 69             | 34681    | 4.332  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 86.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 15326    | 3.705  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 74.000%  |          |
| 20) 2-Butanone-d5             | 4.646  | 46             | 145022   | 57.138 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 114.280% |          |
| 24) Chloroform-d              | 5.067  | 84             | 86056    | 4.443  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 88.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 49121    | 4.680  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 93.600%  |          |
| 32) Benzene-d6                | 5.732  | 84             | 162599   | 4.178  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 55054    | 4.498  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 90.000%  |          |
| 41) Toluene-d8                | 7.900  | 98             | 136557   | 3.742  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.800%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 21344    | 4.148  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 83.000%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 125937   | 47.211 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.420%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 54826    | 4.485  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 89.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 64004    | 4.506  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 90.200%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 3) Chloromethane              | 1.524  | 50             | 1670     | 0.205  | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.569  | 101            | 469      | 0.068  | ug/L #   | 18       |
| 35) Methylcyclohexane         | 6.694  | 83             | 12663    | 1.099  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.691  | 63             | 5850     | 0.756  | ug/L #   | 87       |
| 39) cis-1,3-Dichloropropene   | 7.565  | 75             | 1312     | 0.109  | ug/L #   | 54       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 6989     | 1.226  | ug/L #   | 68       |

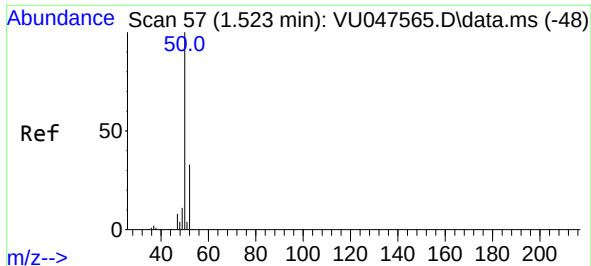
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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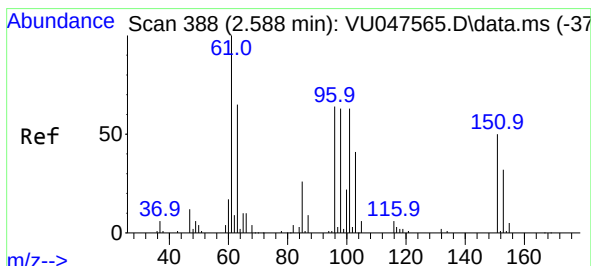
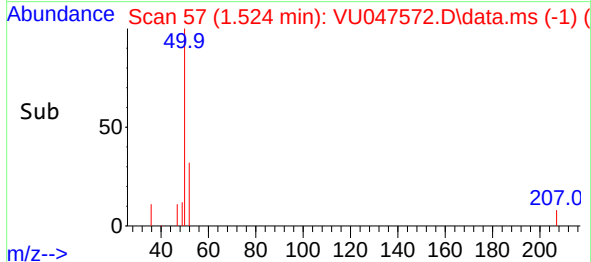
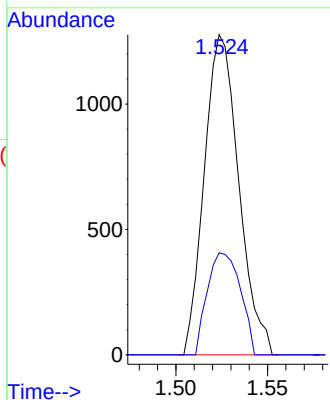
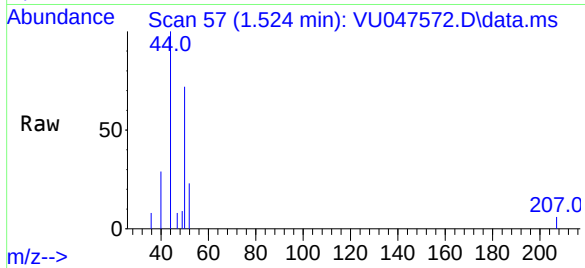




#3  
Chloromethane  
Concen: 0.205 ug/L  
RT: 1.524 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU047572.D  
Acq: 15 Mar 2022 13:10

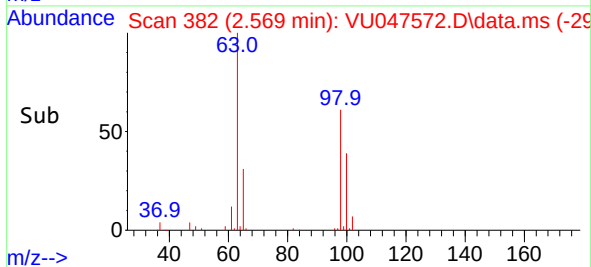
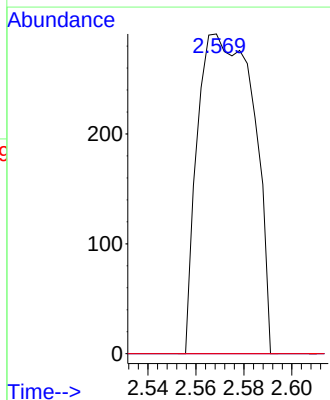
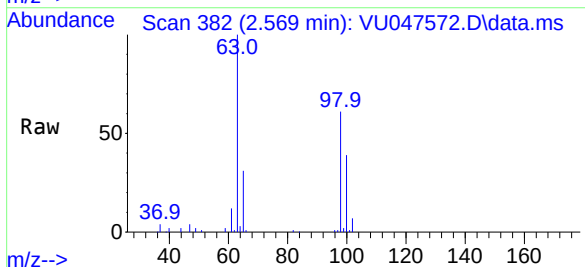
Instrument :  
MSVOA\_U  
ClientSampleId :

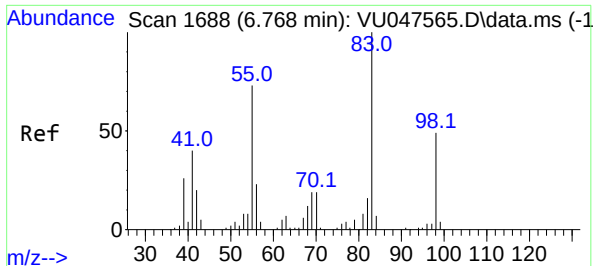
Tgt Ion: 50 Resp: 1670  
Ion Ratio Lower Upper  
50 100  
52 31.9 23.2 43.0



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.068 ug/L  
RT: 2.569 min Scan# 382  
Delta R.T. -0.019 min  
Lab File: VU047572.D  
Acq: 15 Mar 2022 13:10

Tgt Ion: 101 Resp: 469  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.0 51.0#  
151 0.0 63.8 95.6#





#35

Methylcyclohexane

Concen: 1.099 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047572.D

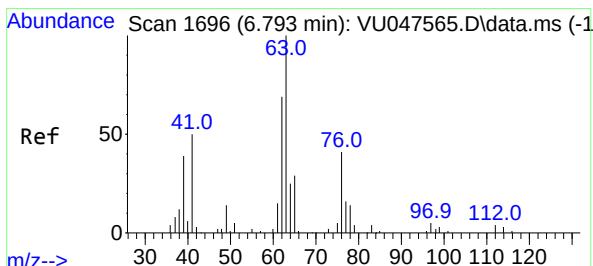
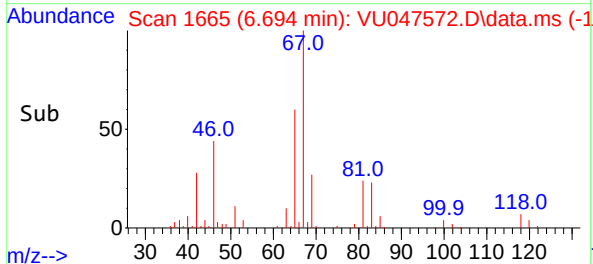
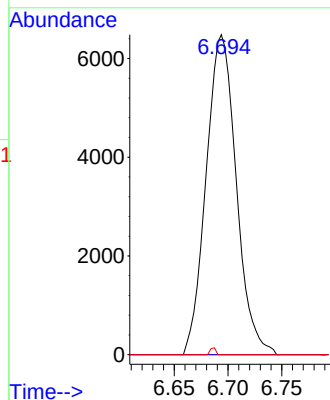
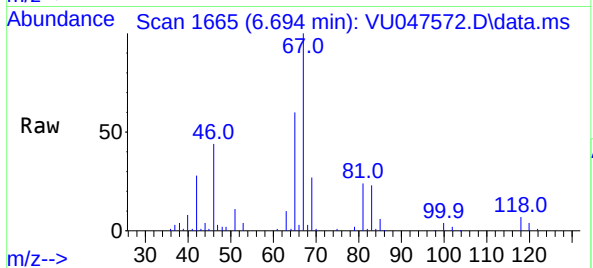
Acq: 15 Mar 2022 13:10

Instrument :

MSVOA\_U

ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 12663 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 0.0      | 57.3 85.9#  |
| 98 0.4      | 37.5 56.3#  |



#37

1,2-Dichloropropane

Concen: 0.756 ug/L

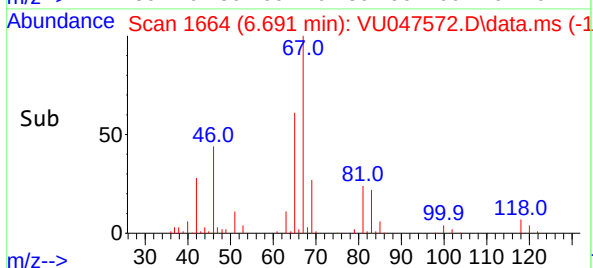
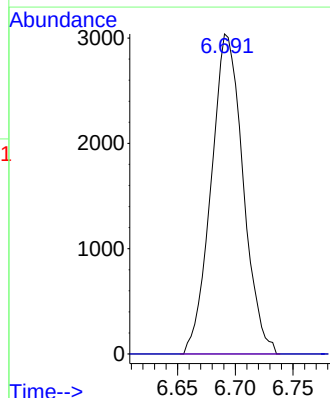
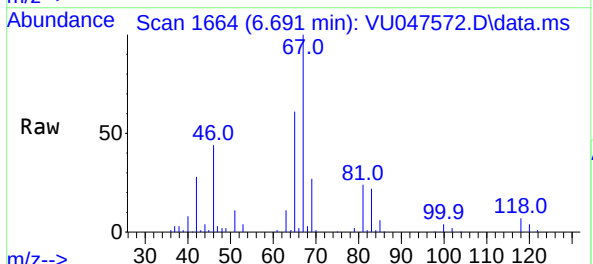
RT: 6.691 min Scan# 1664

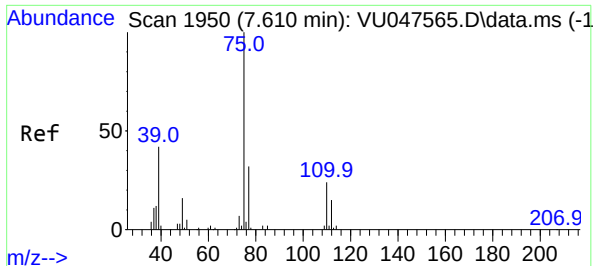
Delta R.T. -0.103 min

Lab File: VU047572.D

Acq: 15 Mar 2022 13:10

|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 5850  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 112 0.0     | 3.4 5.0#    |

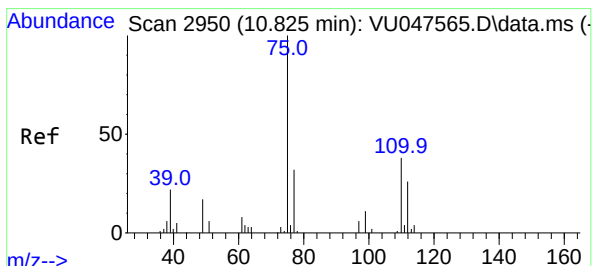
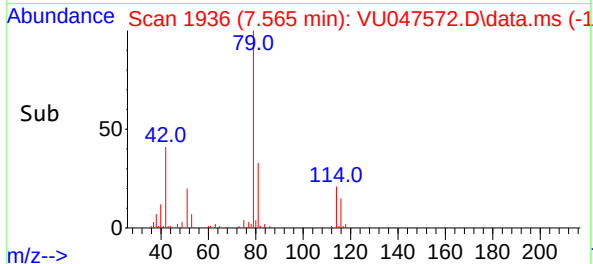
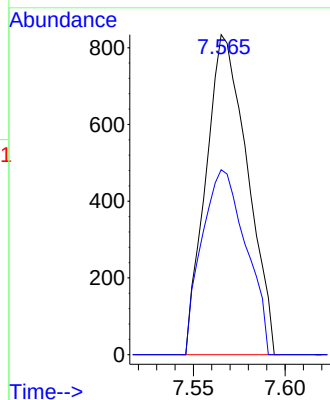
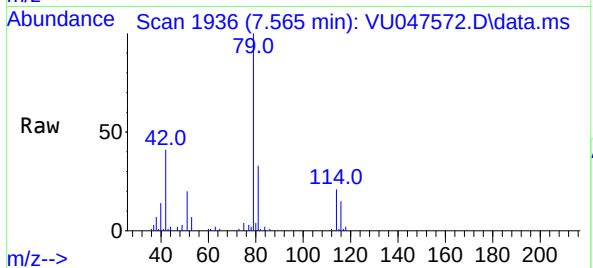




#39  
cis-1,3-Dichloropropene  
Concen: 0.109 ug/L  
RT: 7.565 min Scan# 1936  
Delta R.T. -0.045 min  
Lab File: VU047572.D  
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Instrument :  
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ClientSampleId :

Tgt Ion: 75 Resp: 1312  
Ion Ratio Lower Upper  
75 100  
77 57.8 22.6 42.0#



#61  
1,2,3-Trichloropropane  
Concen: 1.226 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.984 min  
Lab File: VU047572.D  
Acq: 15 Mar 2022 13:10

Tgt Ion: 75 Resp: 6989  
Ion Ratio Lower Upper  
75 100  
110 1.5 30.2 45.4#  
77 32.8 26.6 39.8

