

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052292.D  
 Acq On : 09 Dec 2022 11:26  
 Operator : JC/MD  
 Sample : N5918-05 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EG3

Quant Time: Dec 09 23:10:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 04:19:43 2022  
 Response via : Initial Calibration

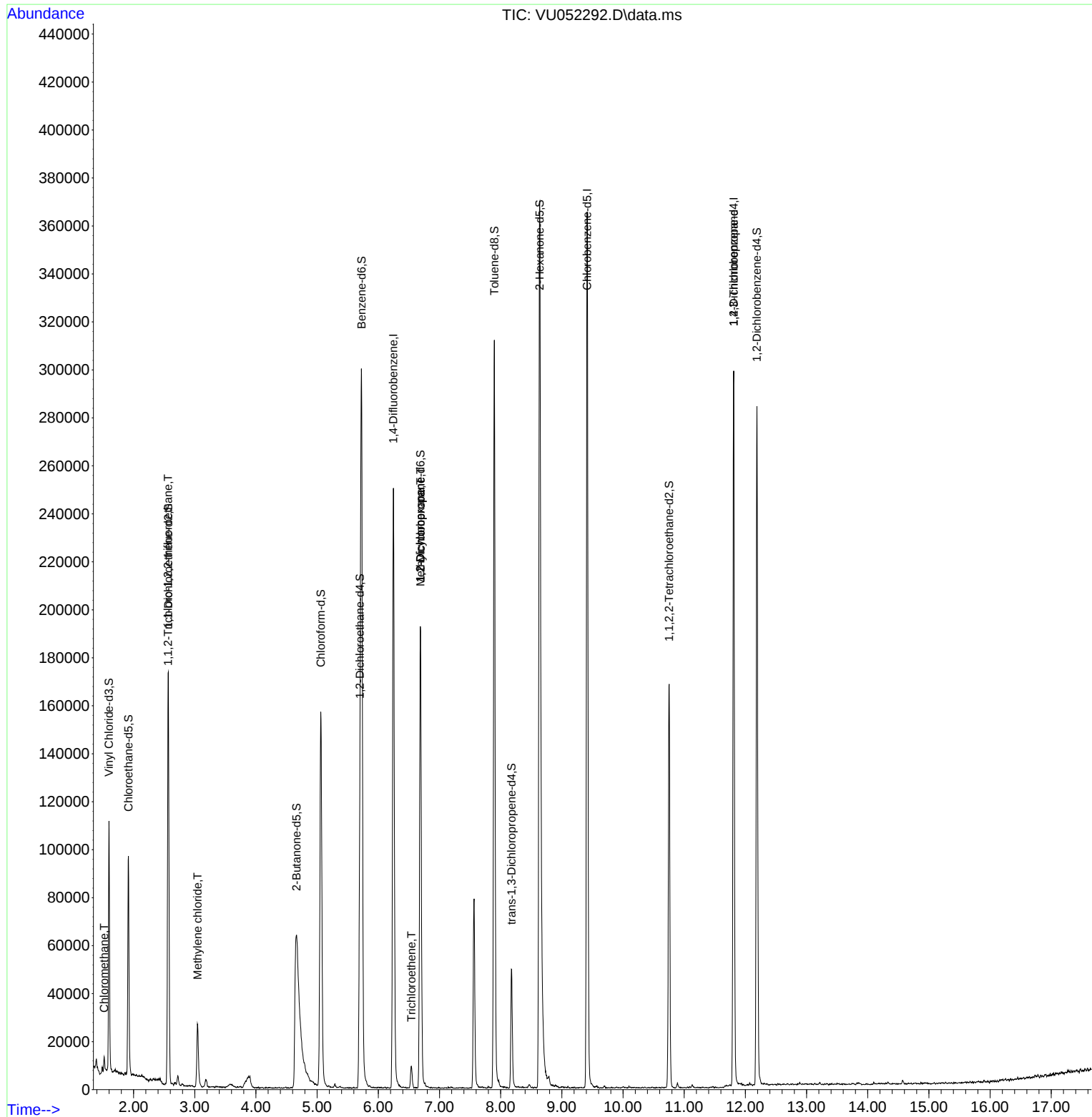
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 210856   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 213061   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 82842    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 78001    | 3.803    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.000%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 71498    | 4.488    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 33359    | 4.538    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 90.800%  |
| 20) 2-Butanone-d5             | 4.662  | 46    | 188278   | 50.644   | ug/L   | 0.03     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.280% |
| 24) Chloroform-d              | 5.060  | 84    | 153009   | 5.077    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.600% |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 78069    | 5.129    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.600% |
| 32) Benzene-d6                | 5.726  | 84    | 295595   | 4.673    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 100166   | 5.117    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 102.400% |
| 41) Toluene-d8                | 7.896  | 98    | 218298   | 3.814    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.200%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 29513    | 4.137    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 82.800%  |
| 46) 2-Hexanone-d5             | 8.636  | 63    | 141939   | 46.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.900%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 88395    | 5.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 104.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 80760    | 5.092    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.800% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.520  | 50    | 4067     | 0.170    | ug/L   | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.562  | 101   | 1049     | 0.068    | ug/L # | 20       |
| 16) Methylene chloride        | 3.044  | 84    | 13269    | 0.641    | ug/L   | 93       |
| 34) Trichloroethene           | 6.539  | 95    | 3322     | 0.192    | ug/L   | 91       |
| 35) Methylcyclohexane         | 6.690  | 83    | 21794    | 0.876    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 9929     | 0.553    | ug/L # | 90       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 9590     | 1.011    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

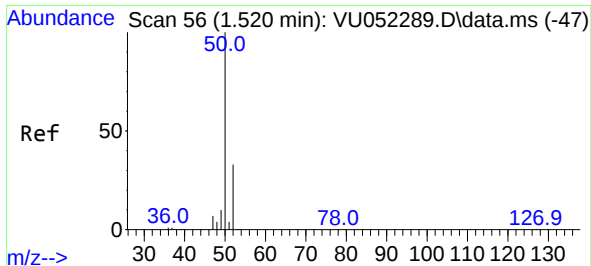
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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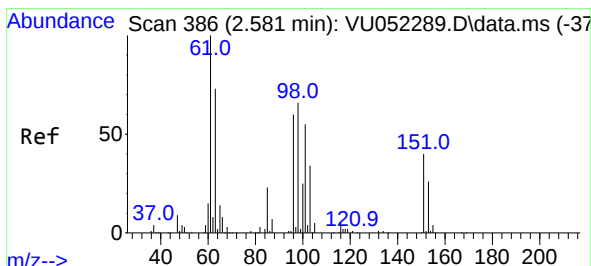
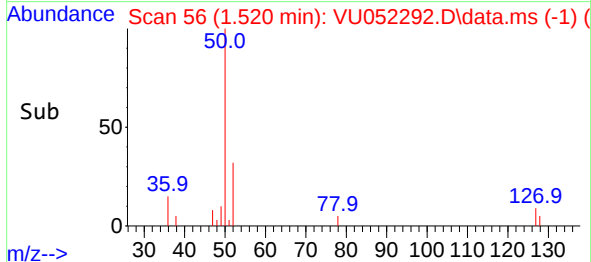
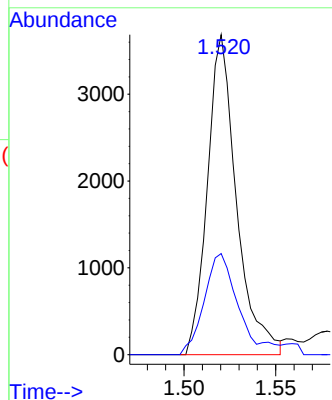
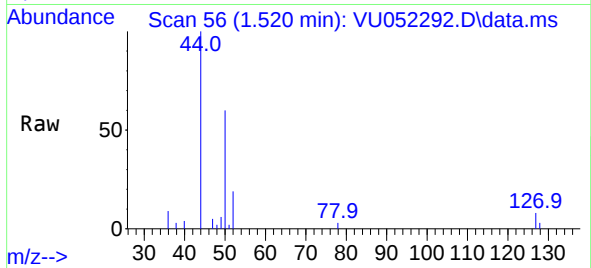




#3  
Chloromethane  
Concen: 0.170 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

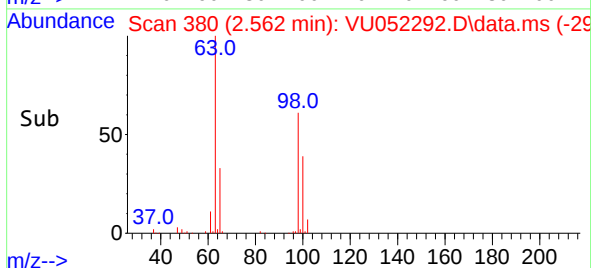
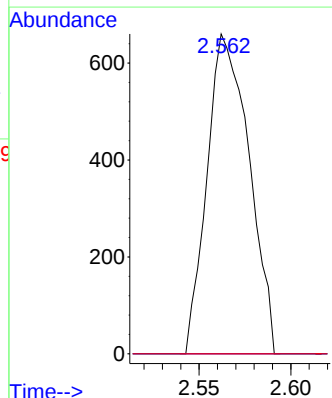
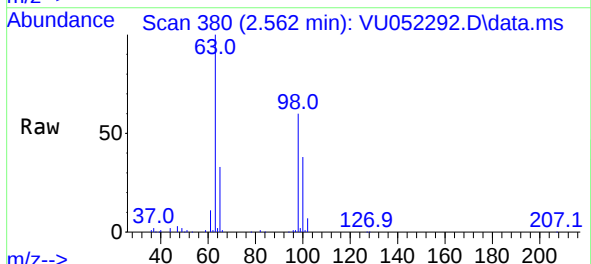
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0EG3

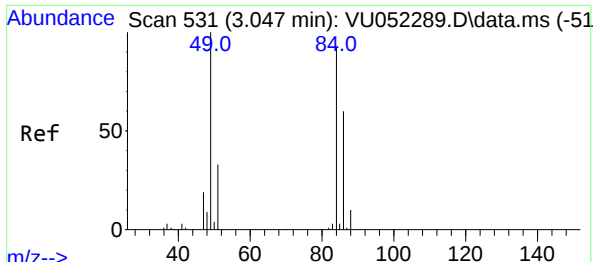
Tgt Ion: 50 Resp: 4067  
Ion Ratio Lower Upper  
50 100  
52 31.6 23.4 43.4



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.068 ug/L  
RT: 2.562 min Scan# 380  
Delta R.T. -0.019 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

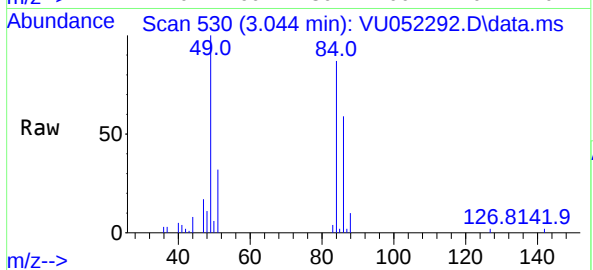
Tgt Ion: 101 Resp: 1049  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#





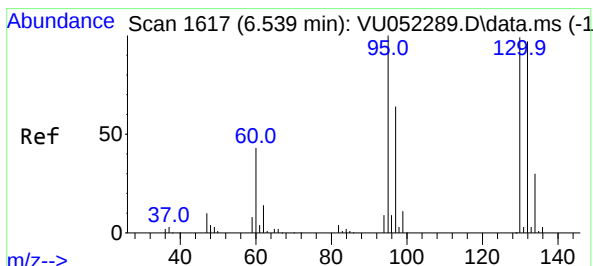
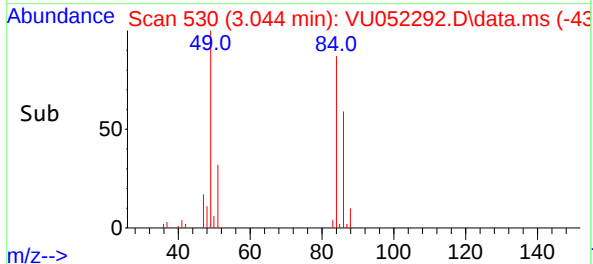
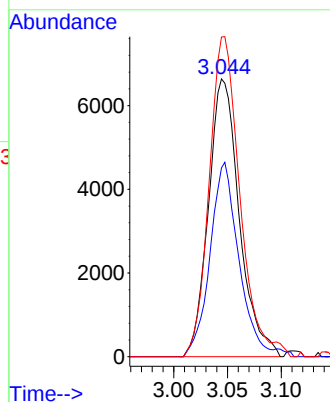
#16  
Methylene chloride  
Concen: 0.641 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0EG3



Tgt Ion: 84 Resp: 13269

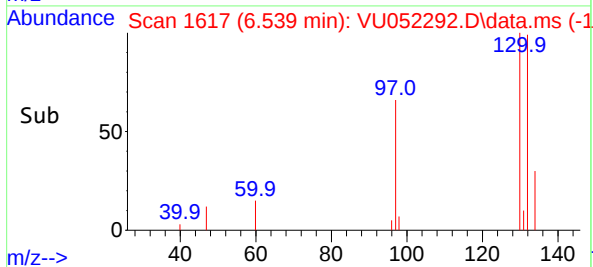
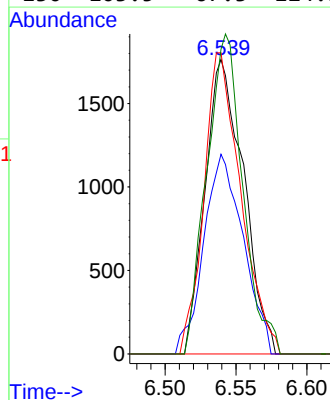
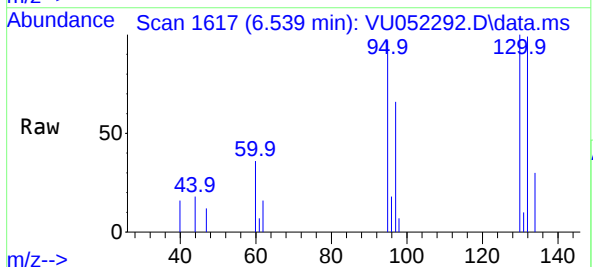
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 68.0  | 43.8  | 81.4  |
| 49  | 115.1 | 75.9  | 141.1 |

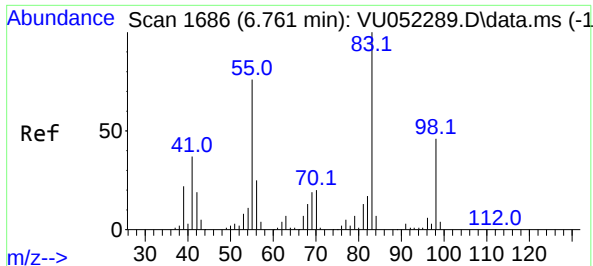


#34  
Trichloroethene  
Concen: 0.192 ug/L  
RT: 6.539 min Scan# 1617  
Delta R.T. -0.003 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

Tgt Ion: 95 Resp: 3322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 67.8  | 43.7  | 81.1  |
| 132 | 102.3 | 64.3  | 119.3 |
| 130 | 103.5 | 67.3  | 124.9 |

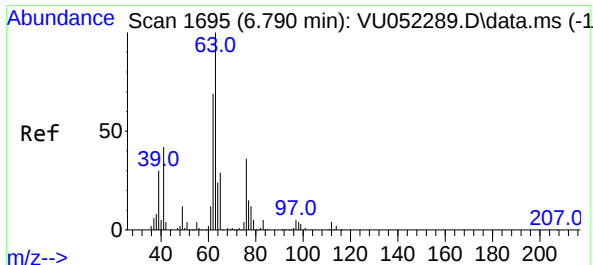
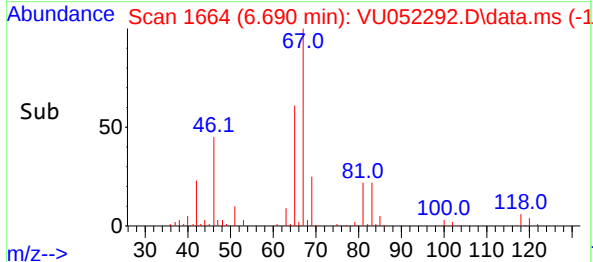
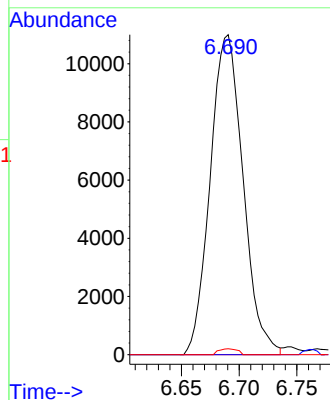
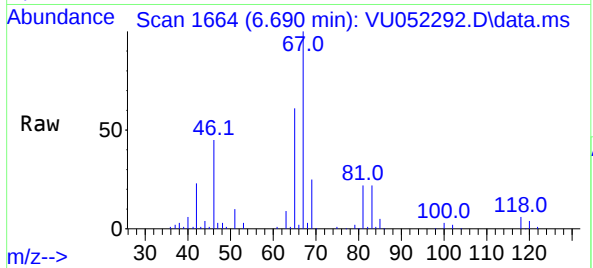




#35  
Methylcyclohexane  
Concen: 0.876 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

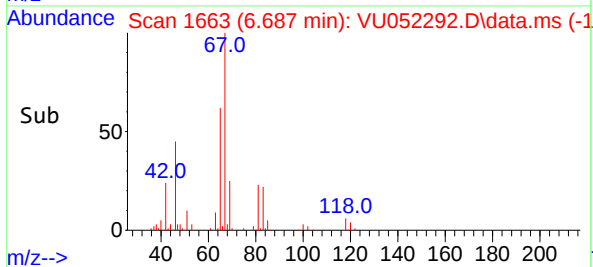
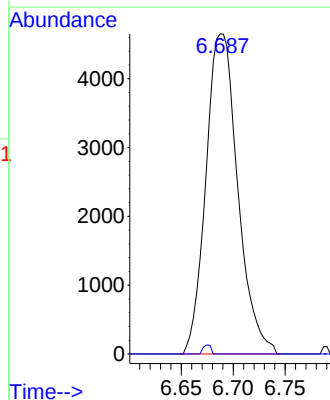
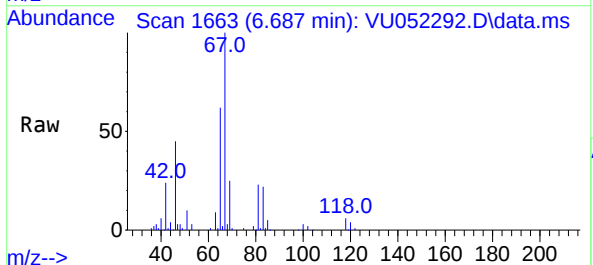
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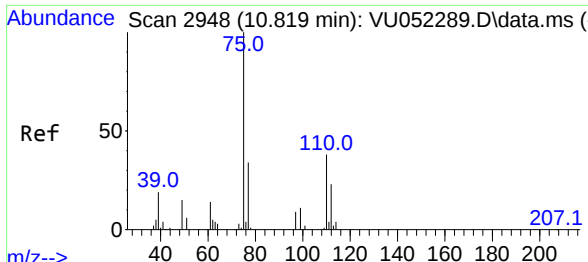
Tgt Ion: 83 Resp: 21794  
Ion Ratio Lower Upper  
83 100  
55 0.6 60.8 91.2#  
98 1.0 35.1 52.7#



#37  
1,2-Dichloropropane  
Concen: 0.553 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.103 min  
Lab File: VU052292.D  
Acq: 09 Dec 2022 11:26

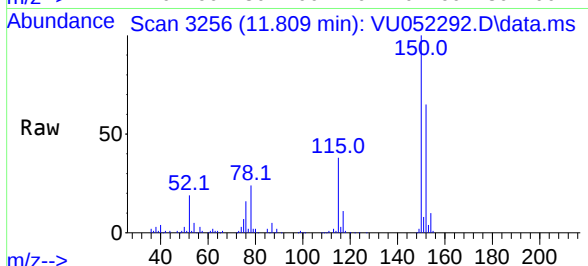
Tgt Ion: 63 Resp: 9929  
Ion Ratio Lower Upper  
63 100  
112 0.7 3.3 4.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.011 ug/L  
 RT: 11.809 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU052292.D  
 Acq: 09 Dec 2022 11:26

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0EG3



Tgt Ion: 75 Resp: 9590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 0.7   | 28.3  | 42.5# |
| 77  | 30.6  | 26.2  | 39.2  |

