

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052290.D  
 Acq On : 09 Dec 2022 10:31  
 Operator : JC/MD  
 Sample : VU1209WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK155

Quant Time: Dec 09 23:10:38 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

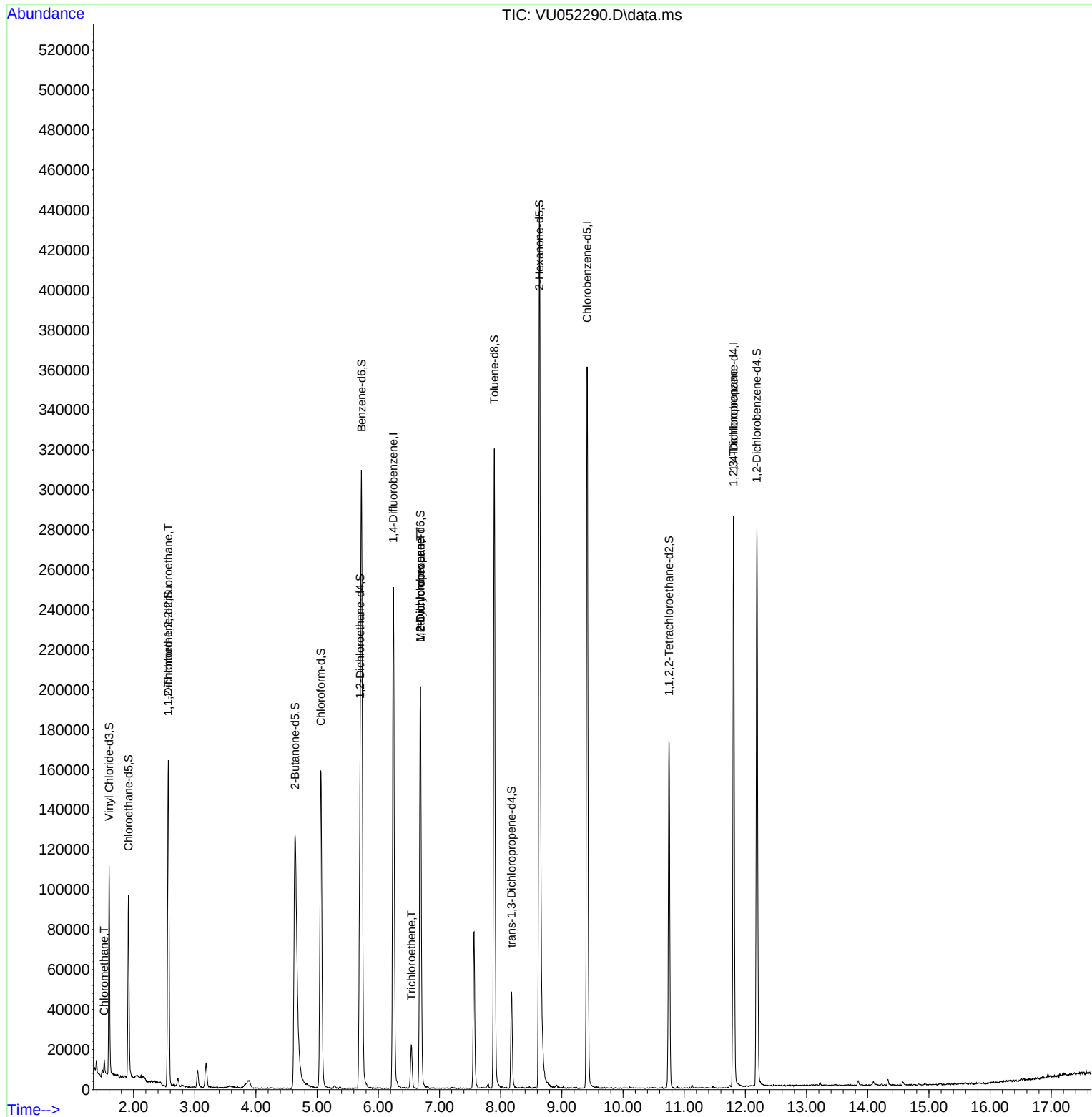
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 208556   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 213133   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 79105    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 76186    | 3.755    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.200%  |
| 7) Chloroethane-d5            | 1.916  | 69    | 70653    | 4.484    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 31629    | 4.350    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 87.000%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 233938   | 63.619   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 127.240% |
| 24) Chloroform-d              | 5.060  | 84    | 153033   | 5.134    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.600% |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 81365    | 5.404    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.000% |
| 32) Benzene-d6                | 5.726  | 84    | 302309   | 4.778    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 102378   | 5.228    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 104.600% |
| 41) Toluene-d8                | 7.896  | 98    | 225978   | 3.947    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 79.000%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 29116    | 4.080    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.600%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 150368   | 49.723   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 90609    | 5.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 106.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 77734    | 5.133    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.600% |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.520  | 50    | 4968     | 0.210    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.568  | 101   | 1051     | 0.069    | ug/L # | 20       |
| 34) Trichloroethene           | 6.542  | 95    | 7539     | 0.436    | ug/L   | 92       |
| 35) Methylcyclohexane         | 6.687  | 83    | 23831    | 0.958    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 10033    | 0.559    | ug/L # | 89       |
| 61) 1,2,3-Trichloropropane    | 11.806 | 75    | 9869     | 1.090    | ug/L # | 69       |

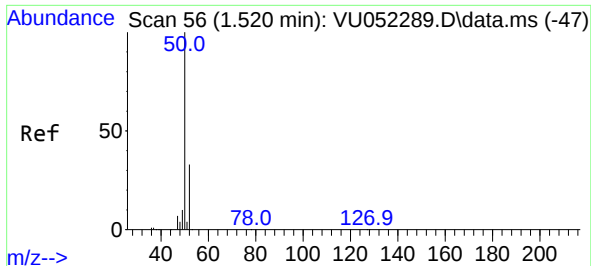
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 08 04:19:43 2022  
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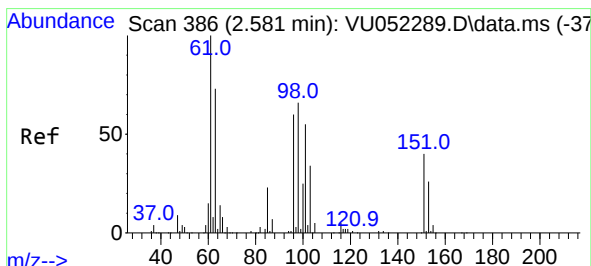
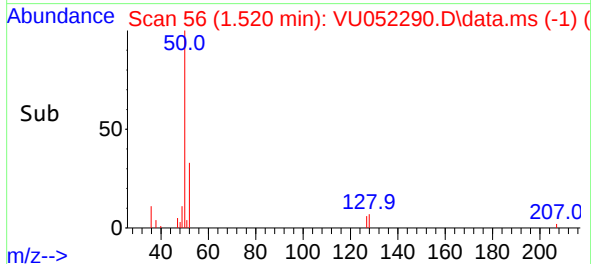
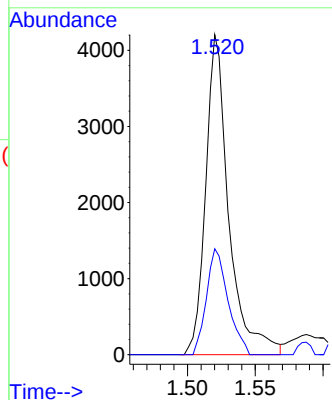
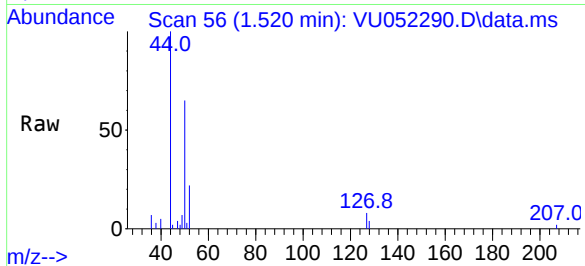




#3  
Chloromethane  
Concen: 0.210 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

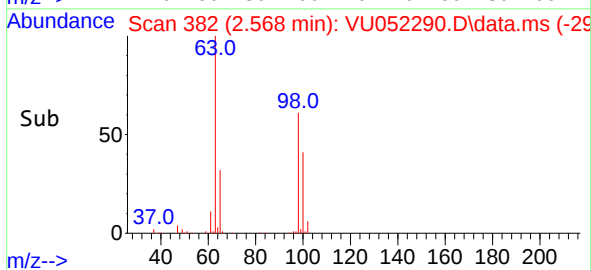
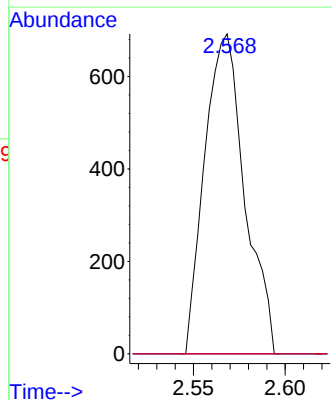
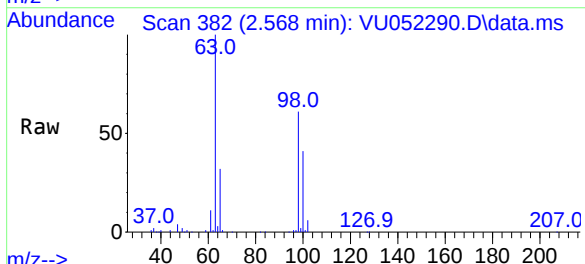
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK155

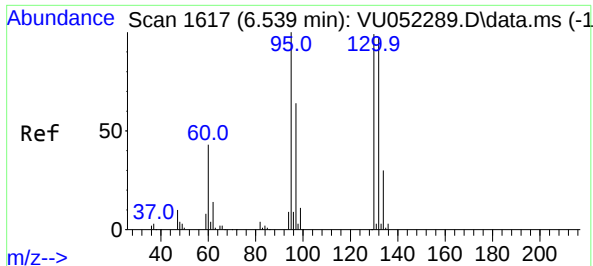
Tgt Ion: 50 Resp: 4968  
Ion Ratio Lower Upper  
50 100  
52 33.1 23.4 43.4



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.069 ug/L  
RT: 2.568 min Scan# 382  
Delta R.T. -0.013 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

Tgt Ion: 101 Resp: 1051  
Ion Ratio Lower Upper  
101 100  
85 0.0 33.8 50.6#  
151 0.0 58.6 88.0#



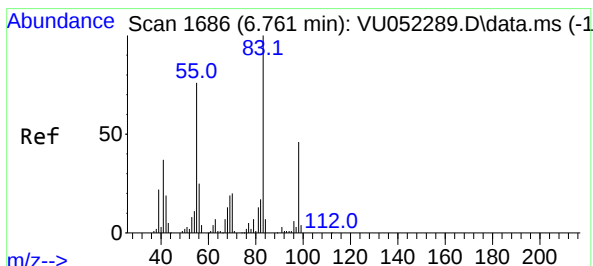
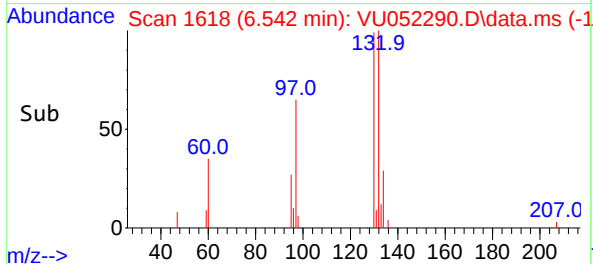
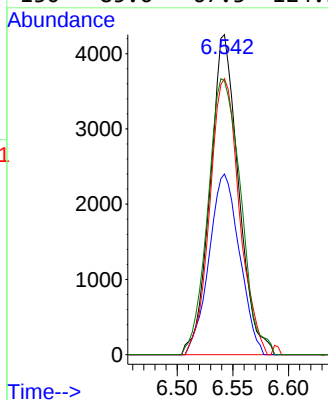
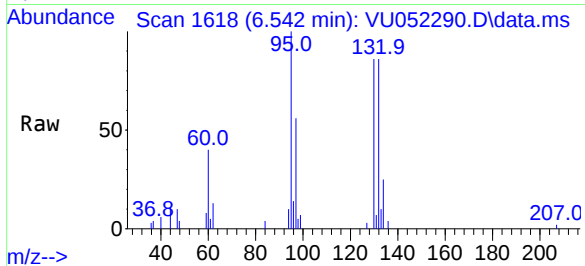


#34  
Trichloroethene  
Concen: 0.436 ug/L  
RT: 6.542 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion: 95 Resp: 7539

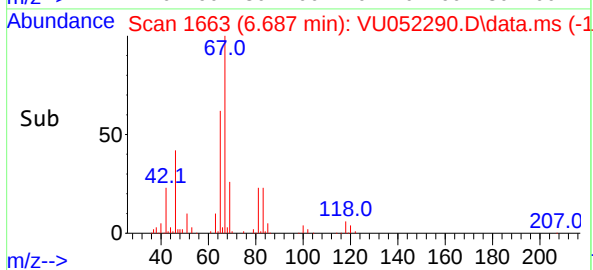
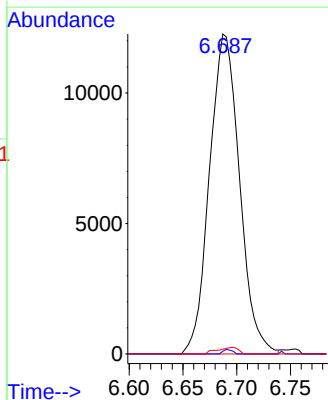
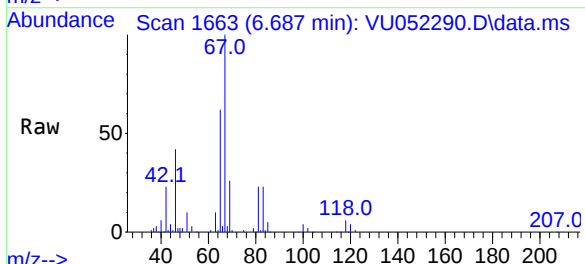
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 56.5  | 43.7  | 81.1  |
| 132 | 86.3  | 64.3  | 119.3 |
| 130 | 85.6  | 67.3  | 124.9 |

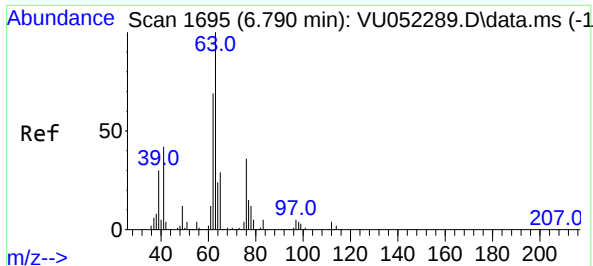


#35  
Methylcyclohexane  
Concen: 0.958 ug/L  
RT: 6.687 min Scan# 1663  
Delta R.T. -0.074 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

Tgt Ion: 83 Resp: 23831

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.4   | 60.8  | 91.2# |
| 98  | 1.4   | 35.1  | 52.7# |

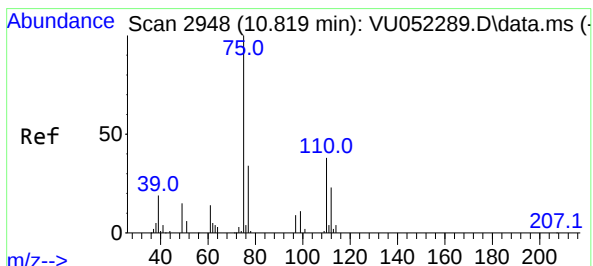
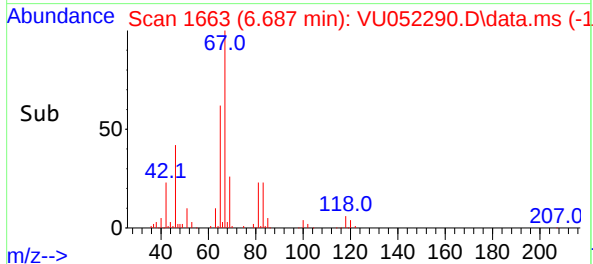
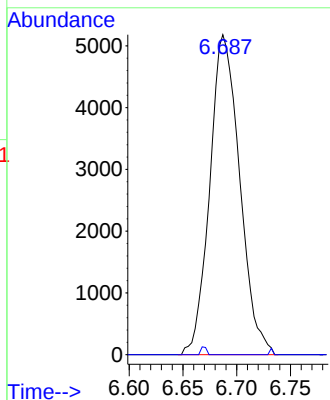
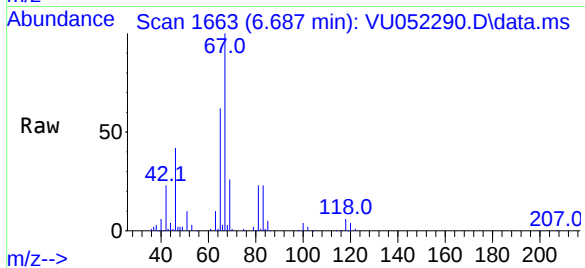




#37  
1,2-Dichloropropane  
Concen: 0.559 ug/L  
RT: 6.687 min Scan# 1  
Delta R.T. -0.103 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

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Tgt Ion: 63 Resp: 10033  
Ion Ratio Lower Upper  
63 100  
112 0.5 3.3 4.9#



#61  
1,2,3-Trichloropropane  
Concen: 1.090 ug/L  
RT: 11.806 min Scan# 3255  
Delta R.T. 0.987 min  
Lab File: VU052290.D  
Acq: 09 Dec 2022 10:31

Tgt Ion: 75 Resp: 9869  
Ion Ratio Lower Upper  
75 100  
110 1.0 28.3 42.5#  
77 31.8 26.2 39.2

