

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110422\  
 Data File : VU051754.D  
 Acq On : 04 Nov 2022 12:41  
 Operator : JC/MD  
 Sample : N5407-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 04 22:05:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 04 22:04:33 2022  
 Response via : Initial Calibration

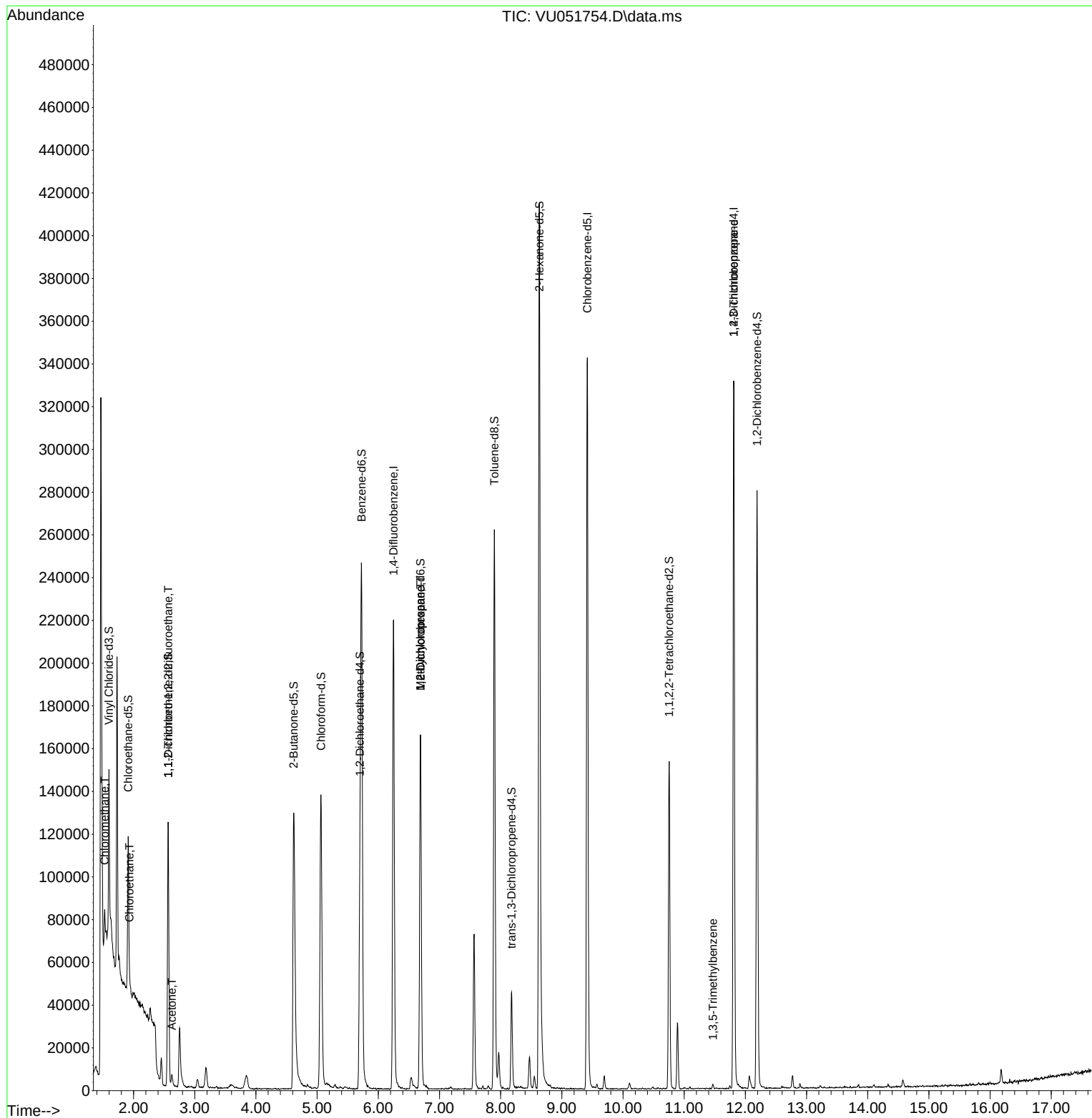
| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 182655   | 5.000  | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 199343   | 5.000  | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 93370    | 5.000  | ug/L    | 0.00     |
|                               |        |                |          |        |         |          |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 53799    | 3.911  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 78.200% |          |
| 7) Chloroethane-d5            | 1.913  | 69             | 54938    | 3.829  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 76.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 22405    | 4.488  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 89.800% |          |
| 20) 2-Butanone-d5             | 4.617  | 46             | 185365   | 37.206 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 74.420% |          |
| 24) Chloroform-d              | 5.064  | 84             | 130314   | 4.048  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 81.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 68710    | 3.951  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.000% |          |
| 32) Benzene-d6                | 5.726  | 84             | 236761   | 3.764  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 75.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 82904    | 3.769  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 75.400% |          |
| 41) Toluene-d8                | 7.896  | 98             | 185205   | 3.744  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.800% |          |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79             | 26510    | 3.941  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 78.800% |          |
| 46) 2-Hexanone-d5             | 8.633  | 63             | 141646   | 34.984 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 69.960% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84             | 79899    | 3.964  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 79.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 76855    | 4.485  | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 89.600% |          |
|                               |        |                |          |        |         |          |
| Target Compounds              |        |                |          |        |         | Qvalue   |
| 3) Chloromethane              | 1.527  | 50             | 12438    | 0.494  | ug/L    | 95       |
| 8) Chloroethane               | 1.932  | 64             | 2854     | 0.195  | ug/L #  | 54       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101            | 925      | 0.059  | ug/L #  | 19       |
| 13) Acetone                   | 2.626  | 43             | 6331     | 2.505  | ug/L    | 96       |
| 35) Methylcyclohexane         | 6.690  | 83             | 19517    | 0.744  | ug/L #  | 19       |
| 37) 1,2-Dichloropropane       | 6.690  | 63             | 8914     | 0.441  | ug/L #  | 89       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 10557    | 0.874  | ug/L #  | 68       |
| 62) 1,3,5-Trimethylbenzene    | 11.472 | 105            | 1572     | 0.086  | ug/L    | 87       |
| -----                         |        |                |          |        |         |          |

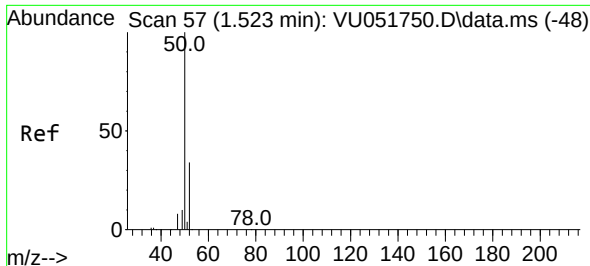
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Nov 04 22:04:33 2022  
Response via : Initial Calibration

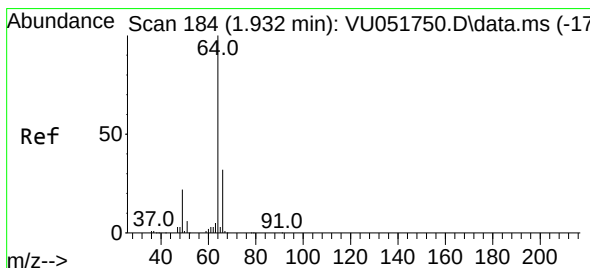
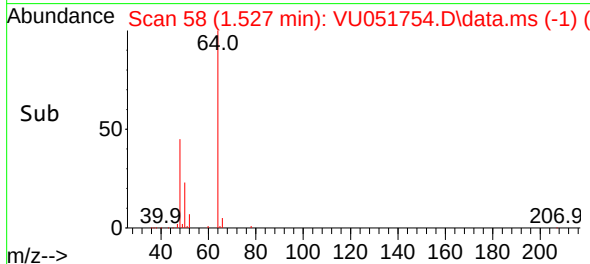
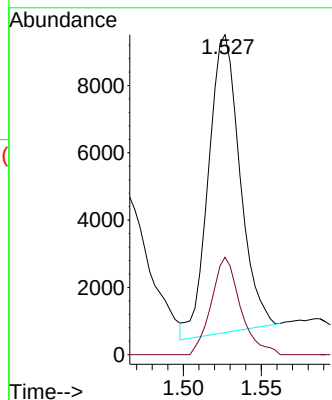
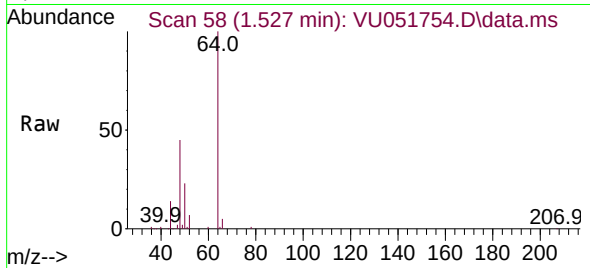




#3  
Chloromethane  
Concen: 0.494 ug/L  
RT: 1.527 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

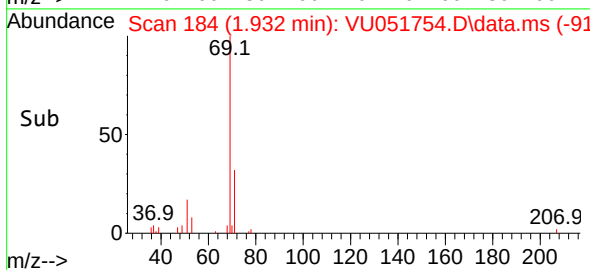
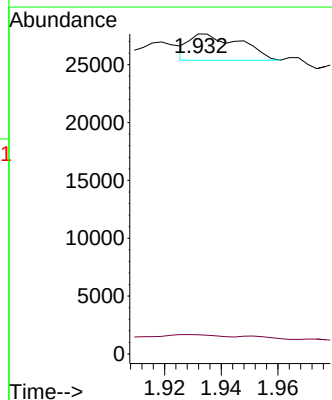
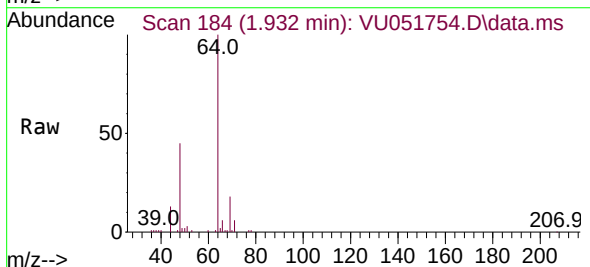
Instrument :  
MSVOA\_U  
ClientSampleId :

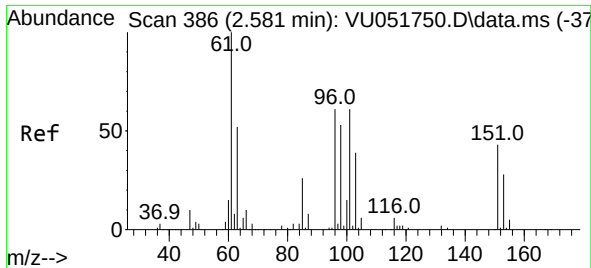
Tgt Ion: 50 Resp: 12438  
Ion Ratio Lower Upper  
50 100  
52 30.4 23.2 43.2



#8  
Chloroethane  
Concen: 0.195 ug/L  
RT: 1.932 min Scan# 184  
Delta R.T. 0.000 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

Tgt Ion: 64 Resp: 2854  
Ion Ratio Lower Upper  
64 100  
66 6.0 22.3 41.5#

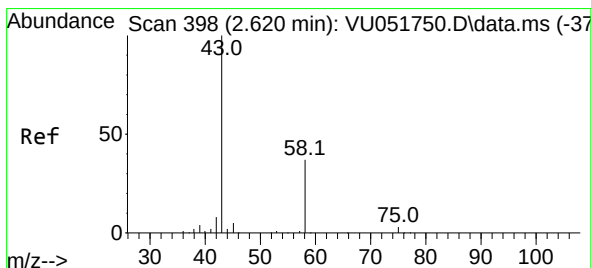
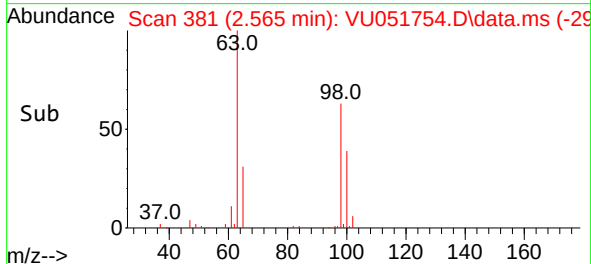
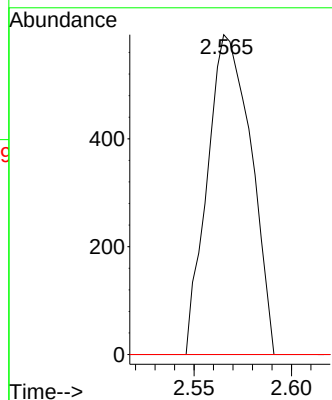
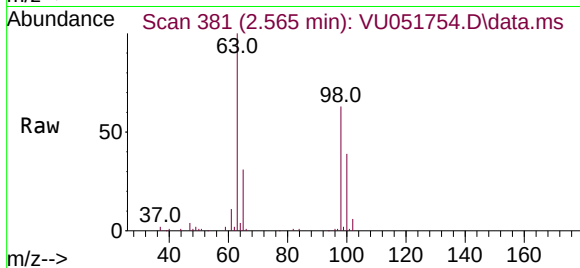




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.059 ug/L  
RT: 2.565 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

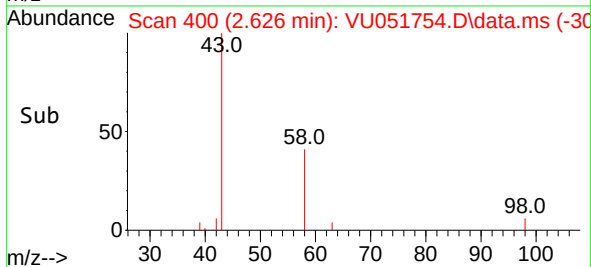
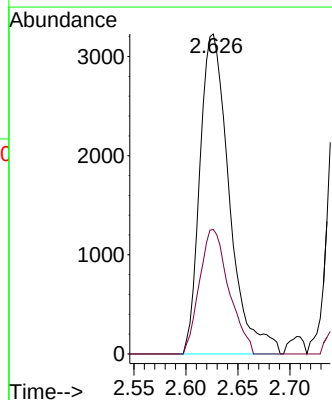
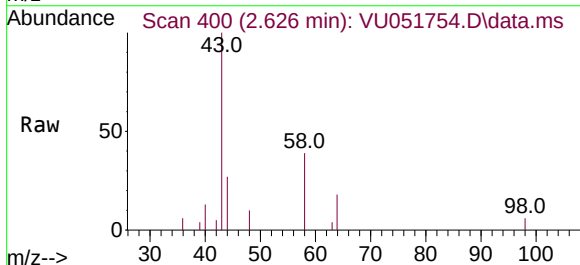
Instrument :  
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ClientSampleId :

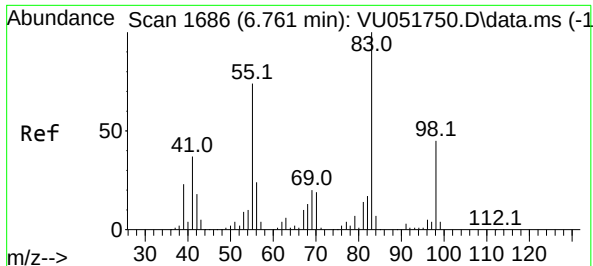
Tgt Ion:101 Resp: 925  
Ion Ratio Lower Upper  
101 100  
85 0.0 35.6 53.4#  
151 0.0 59.6 89.4#



#13  
Acetone  
Concen: 2.505 ug/L  
RT: 2.626 min Scan# 400  
Delta R.T. 0.007 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

Tgt Ion: 43 Resp: 6331  
Ion Ratio Lower Upper  
43 100  
58 39.0 0.0 73.8

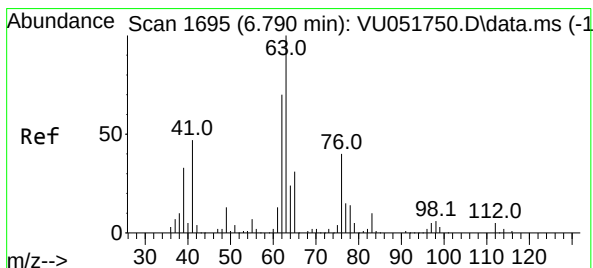
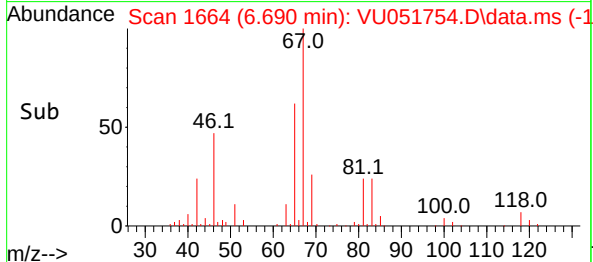
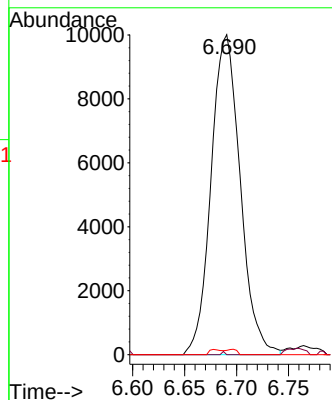
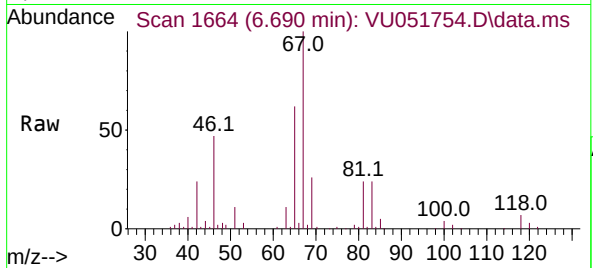




#35  
Methylcyclohexane  
Concen: 0.744 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU051754.D  
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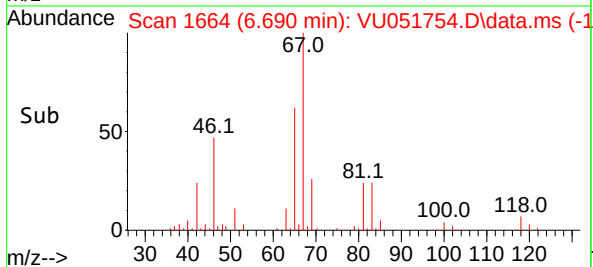
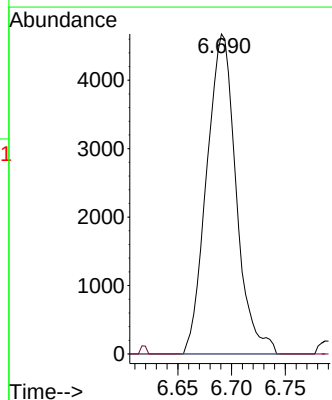
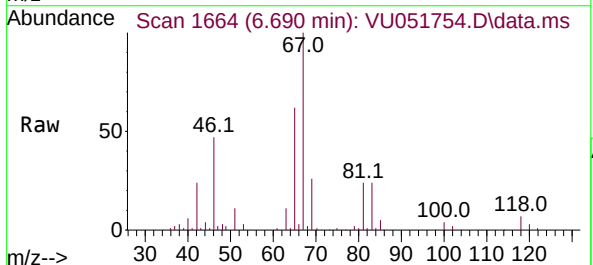
Instrument :  
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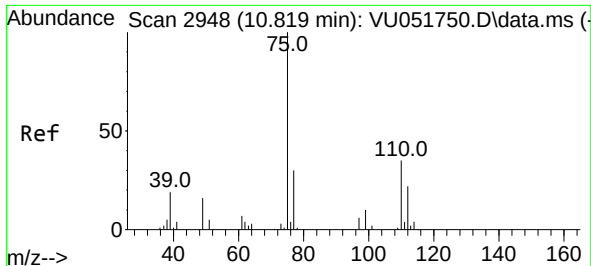
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.1   | 60.6  | 90.8# |
| 98      | 0.6   | 35.8  | 53.6# |



#37  
1,2-Dichloropropane  
Concen: 0.441 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.099 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.5   | 3.3   | 4.9#  |

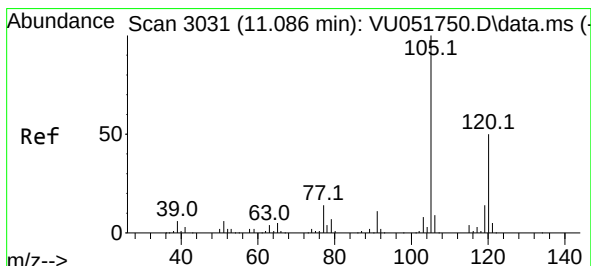
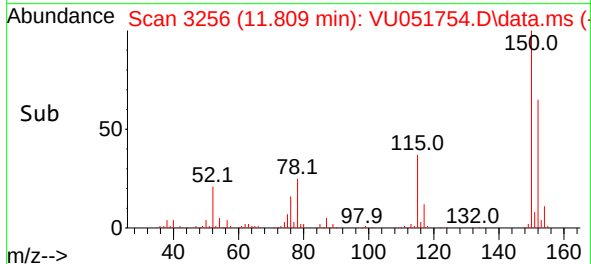
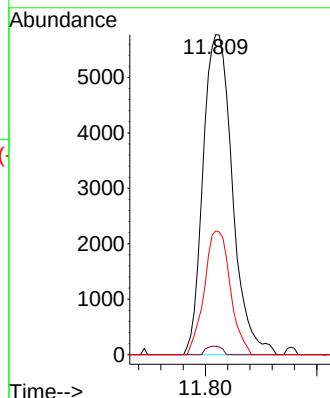
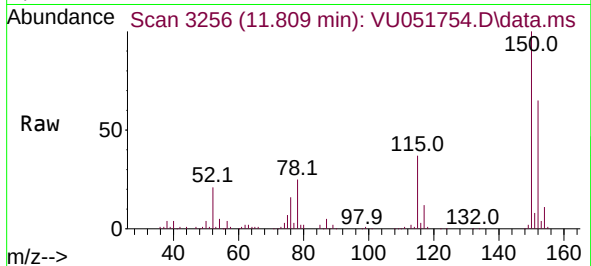




#61  
1,2,3-Trichloropropane  
Concen: 0.874 ug/L  
RT: 11.809 min Scan# 3151  
Delta R.T. 0.991 min  
Lab File: VU051754.D  
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Tgt Ion: 75 Resp: 10557  
Ion Ratio Lower Upper  
75 100  
110 1.4 28.7 43.1#  
77 34.1 26.1 39.1



#62  
1,3,5-Trimethylbenzene  
Concen: 0.086 ug/L  
RT: 11.472 min Scan# 3151  
Delta R.T. 0.386 min  
Lab File: VU051754.D  
Acq: 04 Nov 2022 12:41

Tgt Ion: 105 Resp: 1572  
Ion Ratio Lower Upper  
105 100  
120 39.4 38.6 57.8

