

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU091621\  
 Data File : VU044670.D  
 Acq On : 16 Sep 2021 18:37  
 Operator : SY/MD  
 Sample : M3763-12  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Sep 17 03:03:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR090921WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Sep 17 02:59:59 2021  
 Response via : Initial Calibration

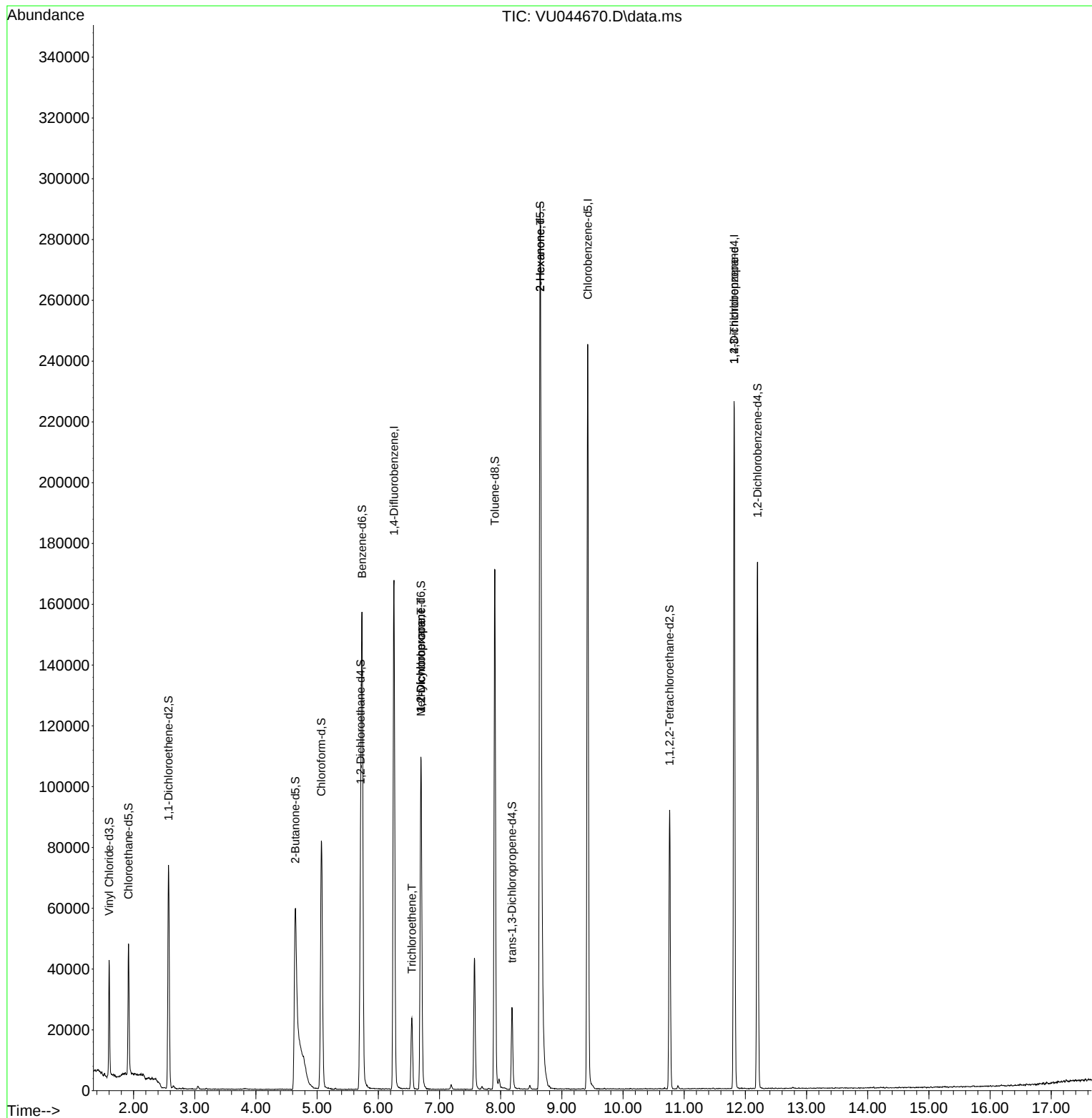
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114            | 128209   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117            | 127938   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152            | 55332    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65             | 26507    | 3.504  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 70.000%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 31551    | 4.087  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 81.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65             | 14601    | 3.821  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 76.400%  |          |
| 20) 2-Butanone-d5             | 4.645  | 46             | 177375   | 55.934 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 111.860% |          |
| 24) Chloroform-d              | 5.070  | 84             | 73568    | 4.623  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 92.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65             | 46692    | 4.921  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 98.400%  |          |
| 32) Benzene-d6                | 5.735  | 84             | 139050   | 4.263  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.697  | 67             | 50472    | 4.711  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.200%  |          |
| 41) Toluene-d8                | 7.906  | 98             | 109231   | 3.846  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 77.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79             | 15244    | 4.037  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 80.800%  |          |
| 46) 2-Hexanone-d5             | 8.645  | 63             | 131317   | 54.104 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 108.200% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761 | 84             | 46778    | 4.924  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 98.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152            | 41252    | 4.518  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 90.400%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 34) Trichloroethene           | 6.549  | 95             | 8248     | 0.877  | ug/L     | 95       |
| 35) Methylcyclohexane         | 6.700  | 83             | 11594    | 0.751  | ug/L #   | 17       |
| 37) 1,2-Dichloropropane       | 6.697  | 63             | 5799     | 0.570  | ug/L #   | 88       |
| 48) 2-Hexanone                | 8.648  | 43             | 20287    | 3.442  | ug/L #   | 70       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75             | 8279     | 1.354  | ug/L #   | 68       |

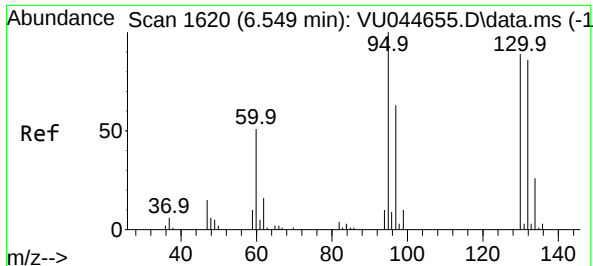
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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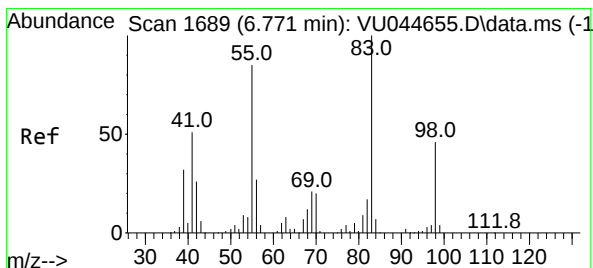
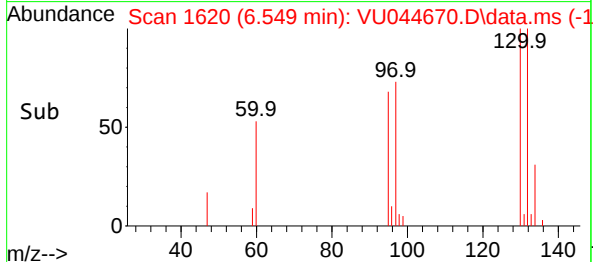
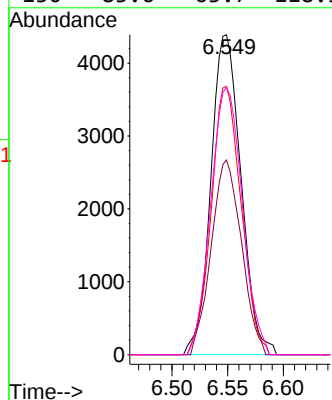
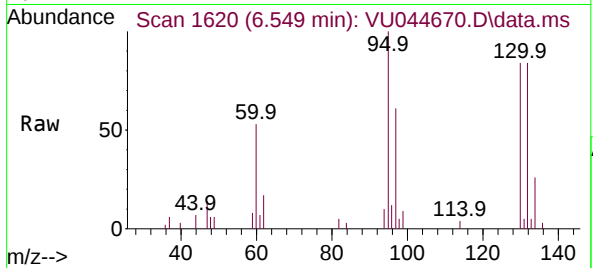


#34  
Trichloroethene  
Concen: 0.877 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU044670.D  
Acq: 16 Sep 2021 18:37

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 95 Resp: 8248

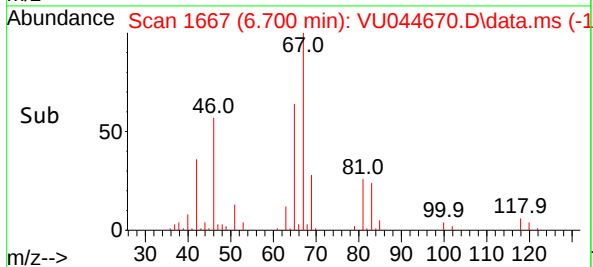
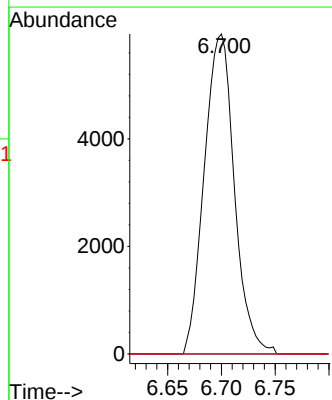
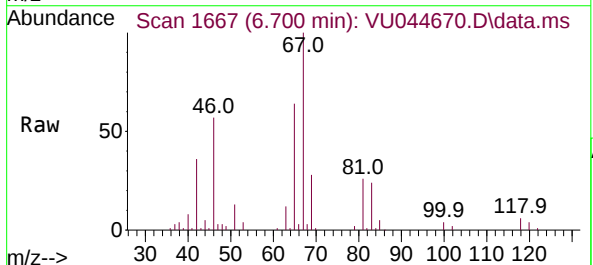
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 60.8  | 44.7  | 82.9  |
| 132 | 83.9  | 60.3  | 111.9 |
| 130 | 83.6  | 63.7  | 118.3 |

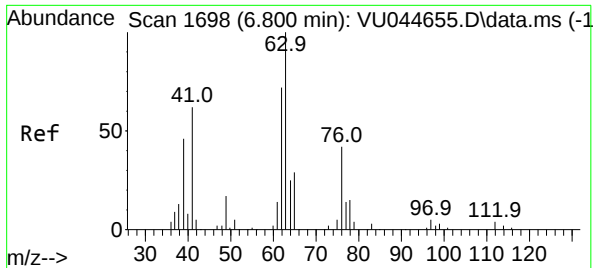


#35  
Methylcyclohexane  
Concen: 0.751 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU044670.D  
Acq: 16 Sep 2021 18:37

Tgt Ion: 83 Resp: 11594

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.0   | 68.3  | 102.5# |
| 98  | 4.6   | 37.3  | 55.9#  |

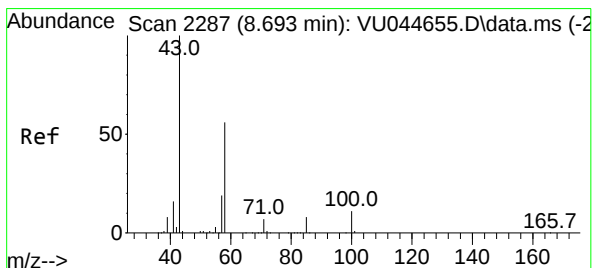
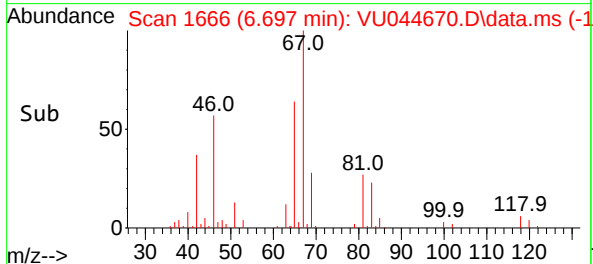
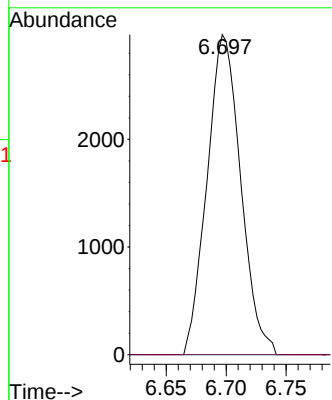
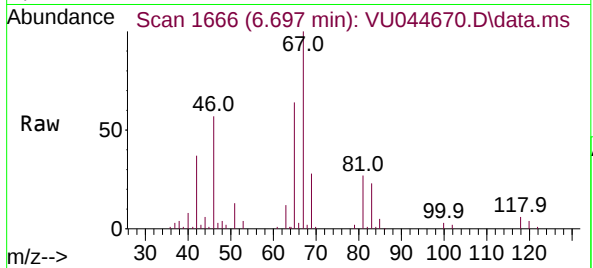




#37  
1,2-Dichloropropane  
Concen: 0.570 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU044670.D  
Acq: 16 Sep 2021 18:37

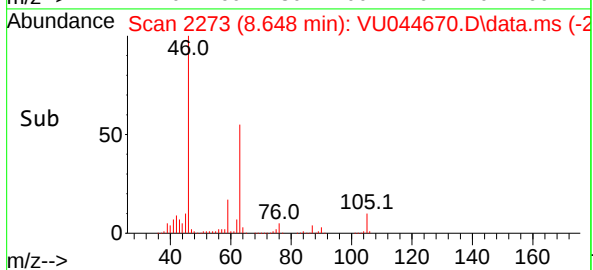
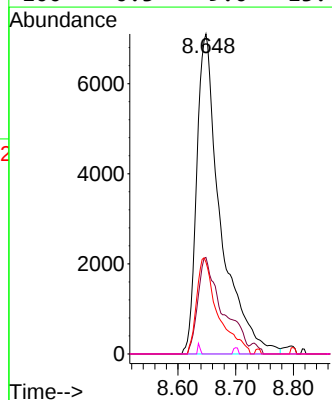
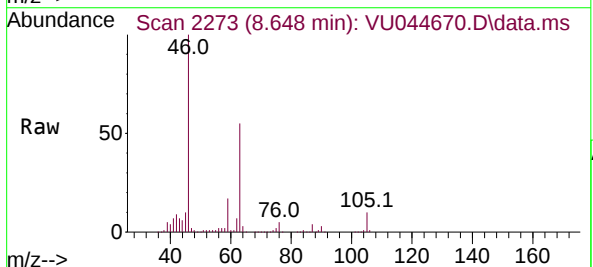
Instrument :  
MSVOA\_U  
ClientSampled :

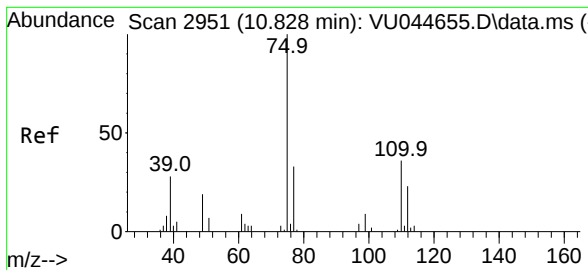
Tgt Ion: 63 Resp: 5799  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#



#48  
2-Hexanone  
Concen: 3.442 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.045 min  
Lab File: VU044670.D  
Acq: 16 Sep 2021 18:37

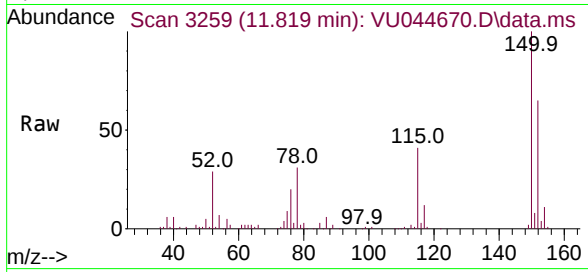
Tgt Ion: 43 Resp: 20287  
Ion Ratio Lower Upper  
43 100  
58 31.3 44.6 66.8#  
57 26.8 14.8 22.2#  
100 0.3 9.0 13.4#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.354 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.990 min  
 Lab File: VU044670.D  
 Acq: 16 Sep 2021 18:37

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 8279  
 Ion Ratio Lower Upper  
 75 100  
 110 1.6 28.8 43.2#  
 77 31.3 25.9 38.9

