

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011521\  
 Data File : VU042062.D  
 Acq On : 15 Jan 2021 10:49  
 Operator : SY/MD  
 Sample : M1049-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Jan 16 01:07:05 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jan 16 01:05:16 2021  
 Response via : Initial Calibration

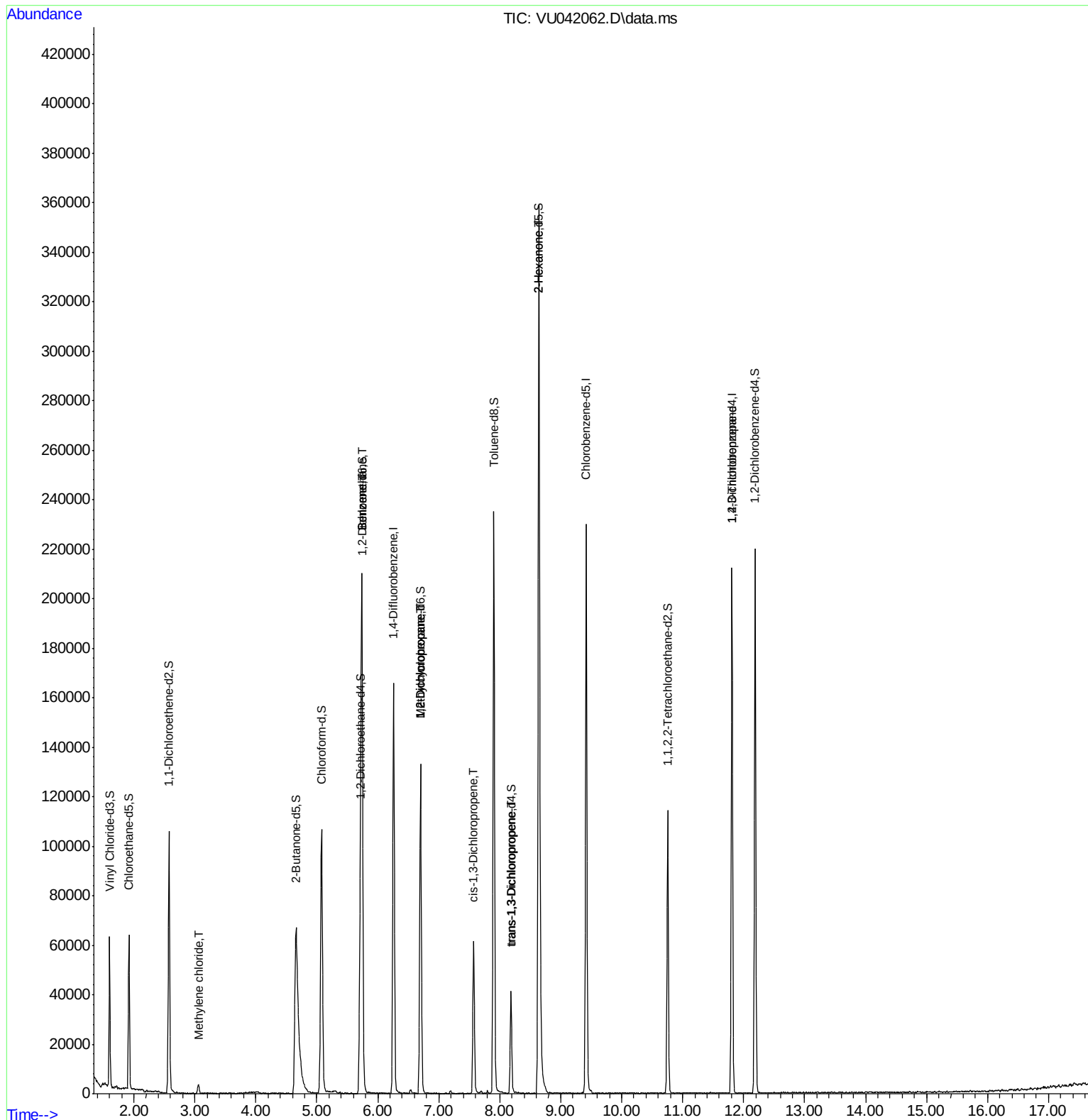
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 133810   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 132127   | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 57871    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 41215    | 4.08     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.60%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 44188    | 4.62     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 92.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 62636    | 3.08     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.60%   |
| 20) 2-Butanone-d5             | 4.658  | 46    | 172530   | 50.92    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.84%  |
| 24) Chloroform-d              | 5.076  | 84    | 101800   | 4.92     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 57869    | 5.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.80%  |
| 32) Benzene-d6                | 5.739  | 84    | 192962   | 4.52     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 66180    | 4.72     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.40%   |
| 41) Toluene-d8                | 7.903  | 98    | 157409   | 4.12     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.40%   |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 24184    | 4.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.00%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 145109   | 50.27    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.54%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.755 | 84    | 59521    | 5.58     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 111.60%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.189 | 152   | 57206    | 5.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.00%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 16) Methylene chloride        | 3.057  | 84    | 1982     | 0.16     | ug/L   | 85       |
| 27) 1,2-Dichloroethane        | 5.742  | 62    | 1096     | 0.08     | ug/L # | 75       |
| 33) Benzene                   | 5.739  | 78    | 1637     | 0.03     | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.700  | 83    | 14867    | 0.77     | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 7127     | 0.56     | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1724     | 0.09     | ug/L   | 89       |
| 44) trans-1,3-Dichloropropene | 8.186  | 75    | 1067     | 0.07     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.639  | 43    | 16347    | 2.76     | ug/L # | 70       |
| 59) 1,2,3-Trichloropropane    | 11.809 | 75    | 6618     | 0.79     | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

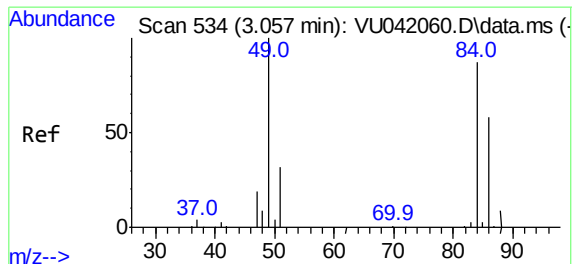
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jan 16 01:05:16 2021  
Response via : Initial Calibration

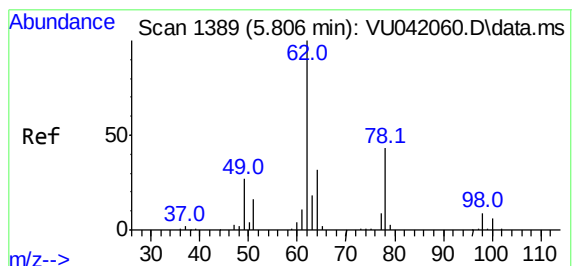
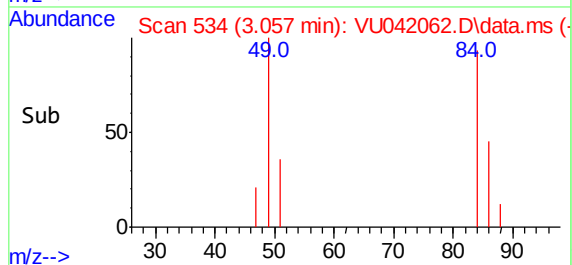
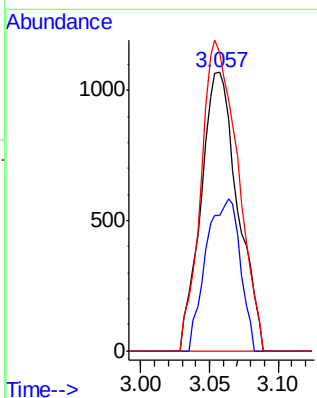
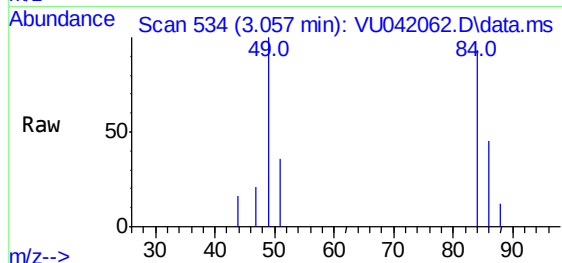




#16  
Methylene chloride  
Concen: 0.16 ug/L  
RT: 3.057 min Scan# 534  
Delta R.T. 0.000 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

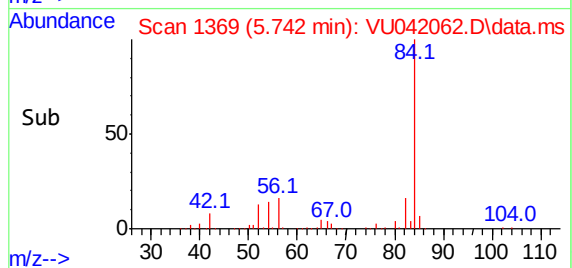
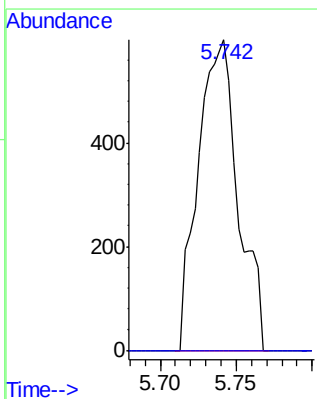
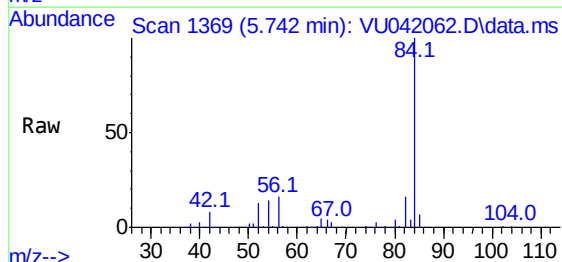
Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

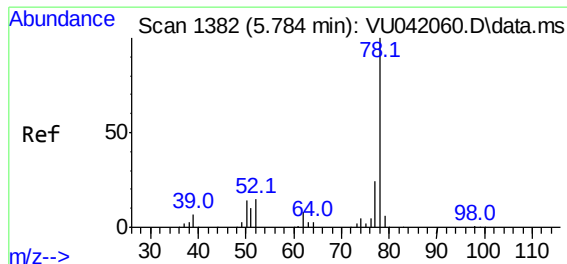
Tgt Ion: 84 Resp: 1982  
Ion Ratio Lower Upper  
84 100  
86 48.7 42.6 79.0  
49 107.1 86.2 160.0



#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.742 min Scan# 1369  
Delta R.T. -0.064 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

Tgt Ion: 62 Resp: 1096  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.1 10.7#

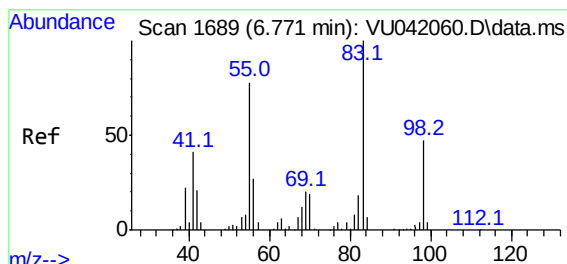
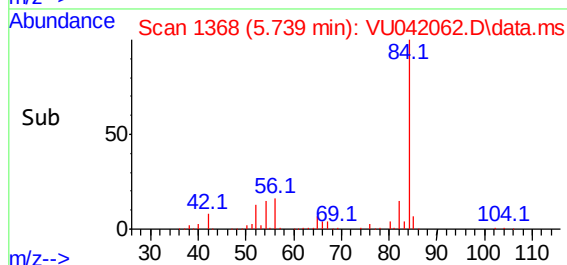
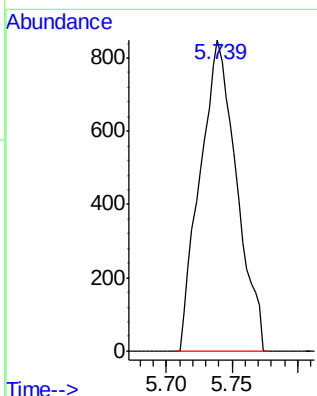
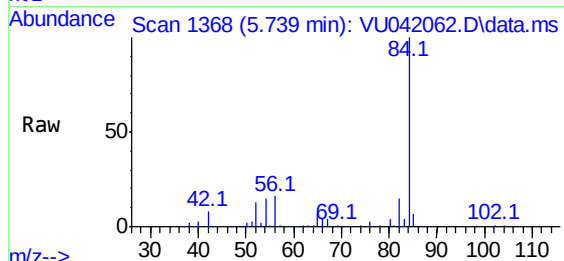




#33  
Benzene  
Concen: 0.03 ug/L  
RT: 5.739 min Scan# 1368  
Delta R.T. -0.045 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

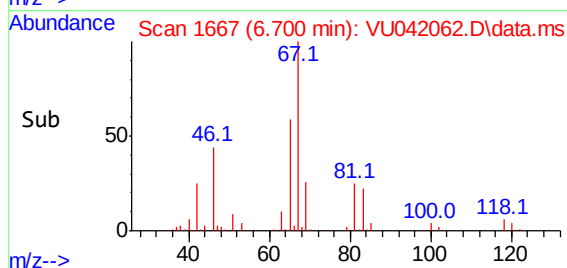
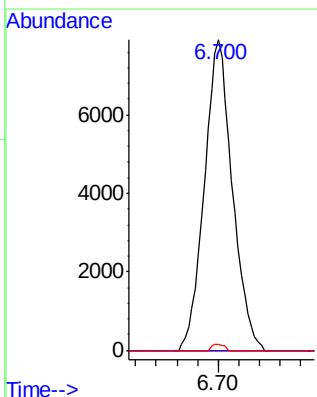
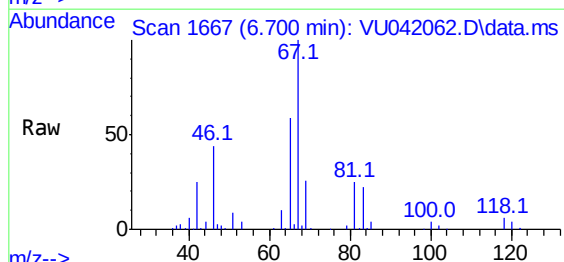
Tgt Ion: 78 Resp: 1637

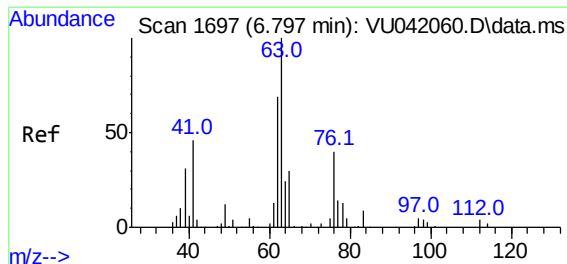


#35  
Methylcyclohexane  
Concen: 0.77 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

Tgt Ion: 83 Resp: 14867

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.0   | 66.8  | 100.2# |
| 98  | 0.9   | 35.7  | 53.5#  |

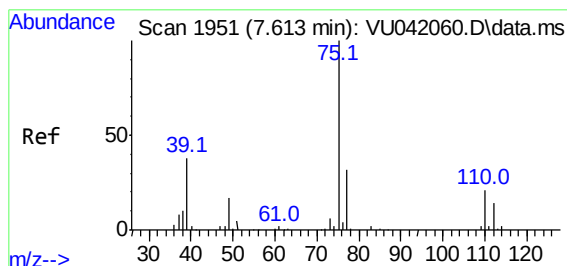
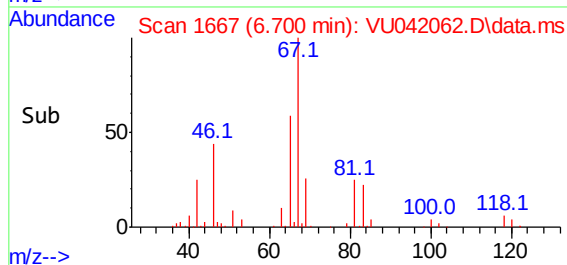
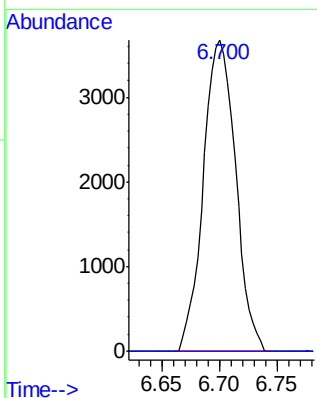
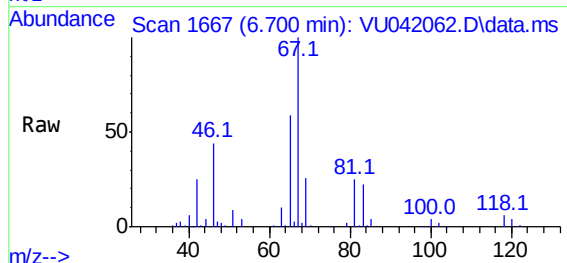




#37  
1,2-Dichloropropane  
Concen: 0.56 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.096 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

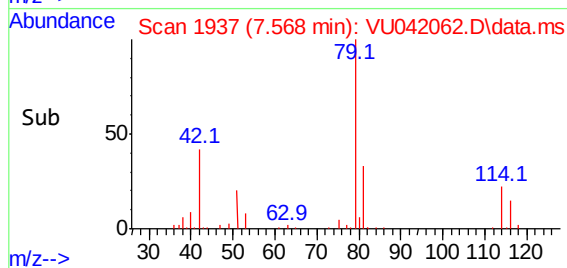
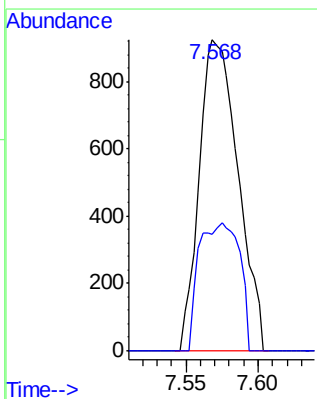
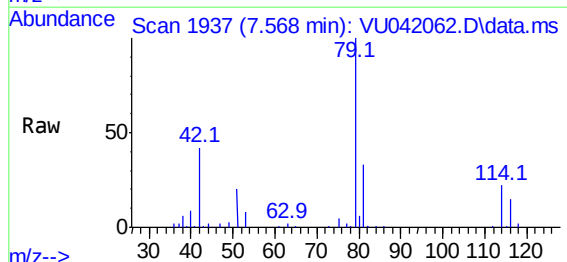
Instrument :  
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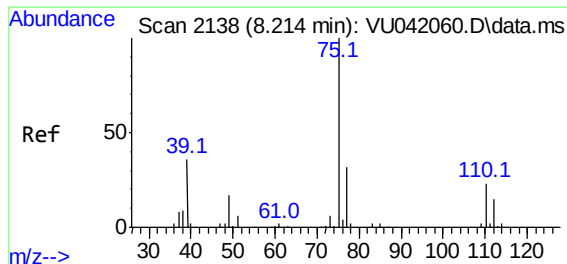
Tgt Ion: 63 Resp: 7127  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.7 4.1#



#39  
cis-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 7.568 min Scan# 1937  
Delta R.T. -0.045 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

Tgt Ion: 75 Resp: 1724  
Ion Ratio Lower Upper  
75 100  
77 37.4 21.9 40.7

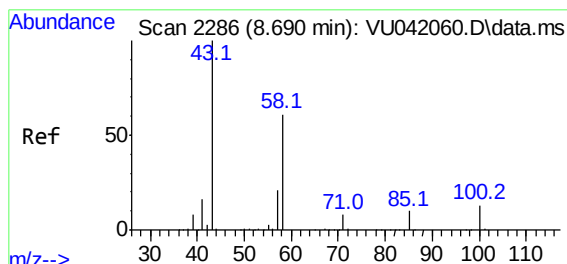
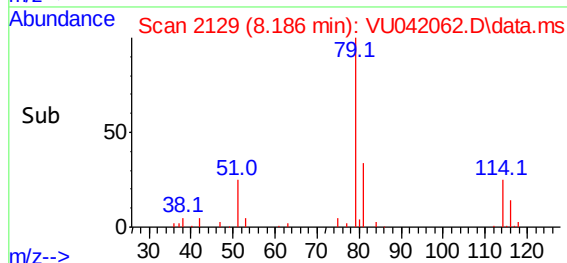
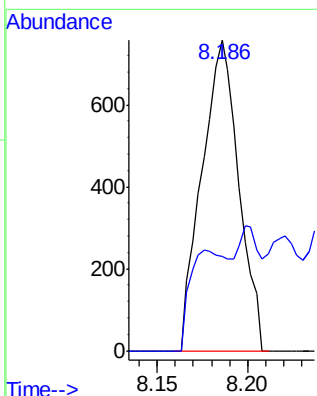
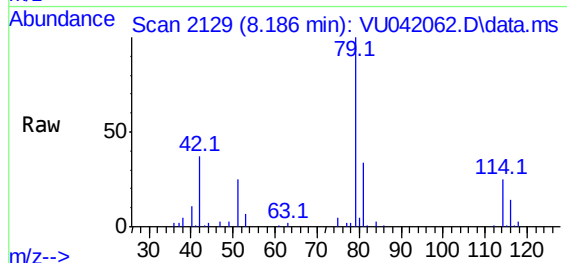




#44  
trans-1,3-Dichloropropene  
Concen: 0.07 ug/L  
RT: 8.186 min Scan# 2129  
Delta R.T. -0.029 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

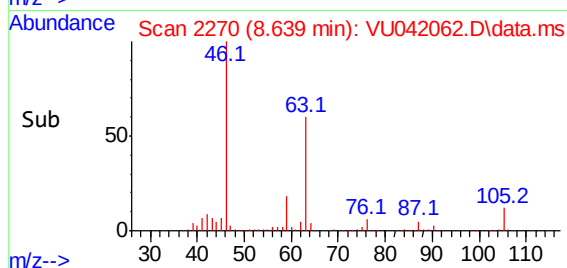
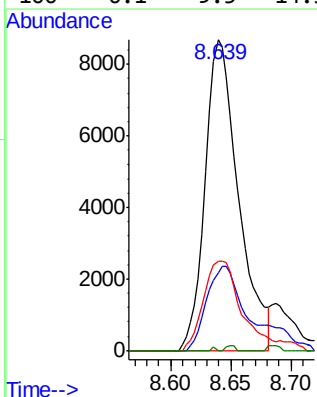
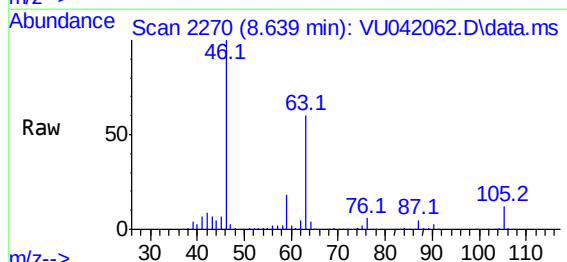
Instrument :  
MSVOA\_U  
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VHBLK01

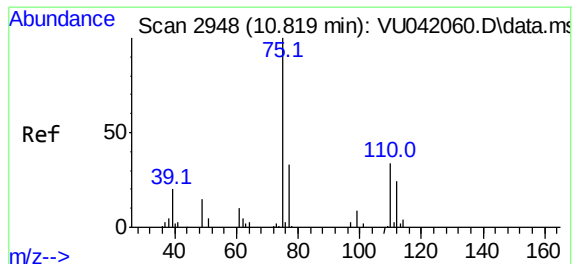
Tgt Ion: 75 Resp: 1067  
Ion Ratio Lower Upper  
75 100  
77 30.2 22.0 41.0



#48  
2-Hexanone  
Concen: 2.76 ug/L  
RT: 8.639 min Scan# 2270  
Delta R.T. -0.051 min  
Lab File: VU042062.D  
Acq: 15 Jan 2021 10:49

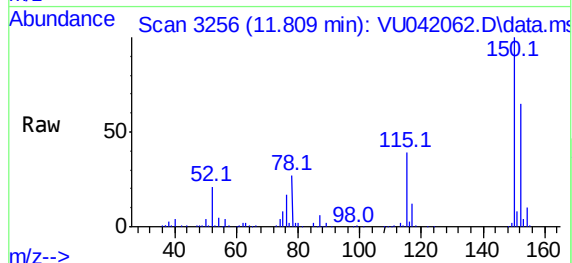
Tgt Ion: 43 Resp: 16347  
Ion Ratio Lower Upper  
43 100  
58 35.7 47.8 71.8#  
57 34.3 17.4 26.0#  
100 0.1 9.5 14.3#





#59  
 1,2,3-Trichloropropane  
 Concen: 0.79 ug/L  
 RT: 11.809 min Scan# 3256  
 Delta R.T. 0.990 min  
 Lab File: VU042062.D  
 Acq: 15 Jan 2021 10:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01



Tgt Ion: 75 Resp: 6618  
 Ion Ratio Lower Upper  
 75 100  
 77 28.9 25.6 38.4

