

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031321\  
 Data File : VU042605.D  
 Acq On : 12 Mar 2021 12:40  
 Operator : SY/MD  
 Sample : VU0313WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

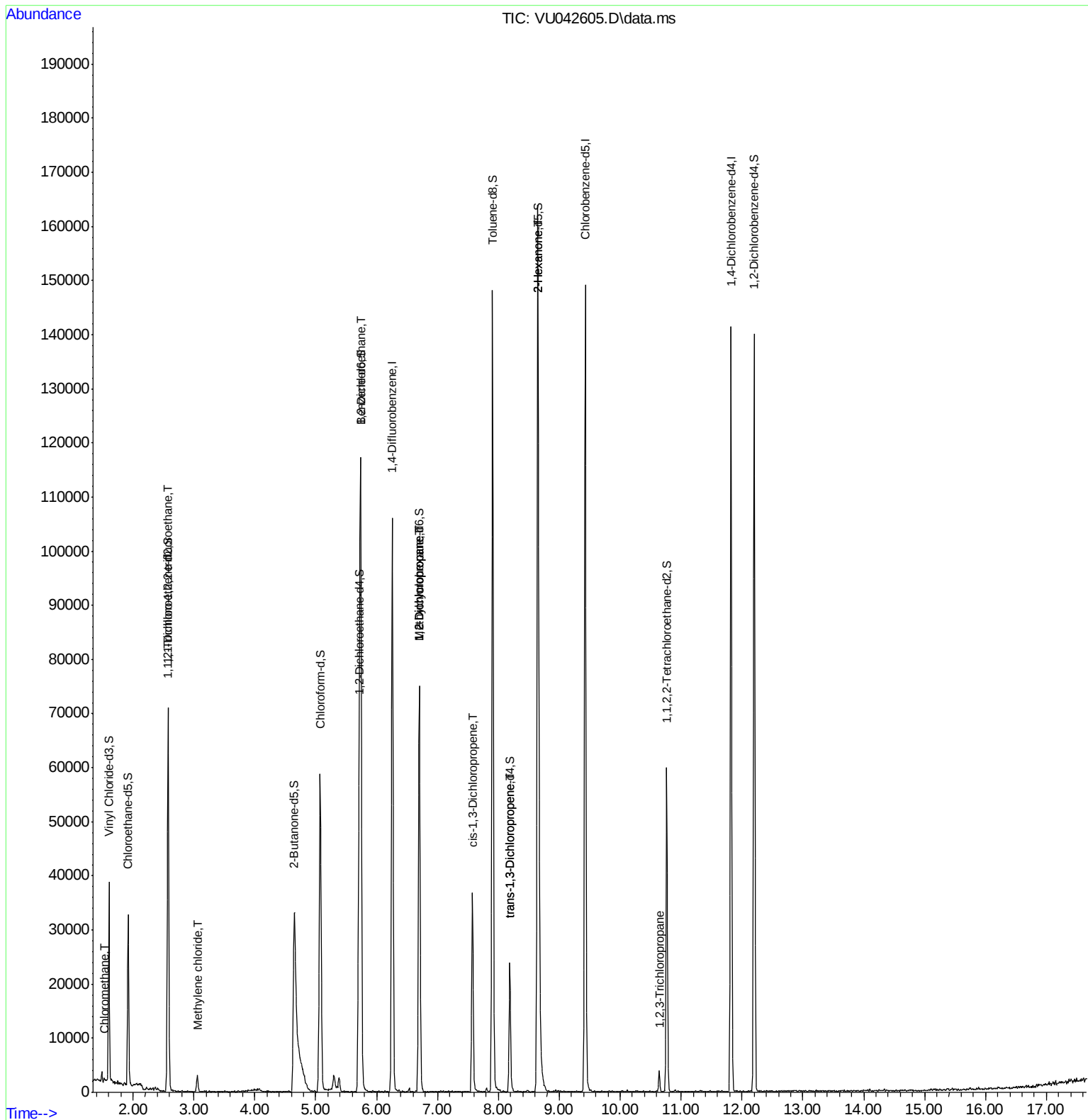
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK26

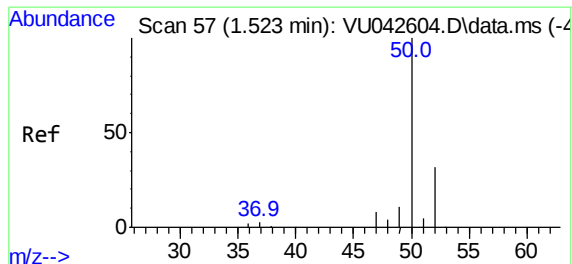
Quant Time: Mar 13 05:27:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 13 05:26:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 79932    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 78664    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 35691    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 25059    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.00%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 21308    | 5.28     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 105.60%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 43550    | 3.62     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.40%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 80084    | 45.77    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.54%   |
| 24) Chloroform-d              | 5.073  | 84    | 52174    | 4.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 99.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 35098    | 5.41     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 108.20%  |
| 32) Benzene-d6                | 5.739  | 84    | 97336    | 5.05     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.00%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 31528    | 5.07     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.40%  |
| 41) Toluene-d8                | 7.906  | 98    | 92822    | 4.93     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.60%   |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79    | 12773    | 4.39     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.80%   |
| 46) 2-Hexanone-d5             | 8.649  | 63    | 63037    | 45.29    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.58%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 27761    | 5.01     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.20%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 34174    | 5.28     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.60%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.523  | 50    | 404      | 0.06     | ug/L # | 42       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572  | 101   | 335      | 0.06     | ug/L # | 18       |
| 16) Methylene chloride        | 3.057  | 84    | 1311     | 0.19     | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.739  | 62    | 647      | 0.07     | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.700  | 83    | 7318     | 0.70     | ug/L # | 15       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 3954     | 0.60     | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.575  | 75    | 978      | 0.10     | ug/L # | 49       |
| 44) trans-1,3-Dichloropropene | 8.189  | 75    | 554      | 0.06     | ug/L # | 55       |
| 48) 2-Hexanone                | 8.649  | 43    | 10567    | 2.47     | ug/L # | 69       |
| 59) 1,2,3-Trichloropropane    | 10.645 | 75    | 827      | 0.17     | ug/L # | 42       |
| -----                         |        |       |          |          |        |          |

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

Quant Time: Mar 13 05:27:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
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QLast Update : Sat Mar 13 05:26:34 2021  
Response via : Initial Calibration

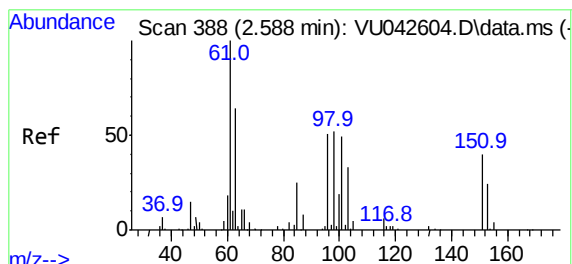
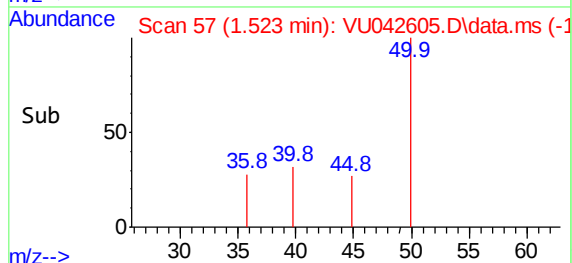
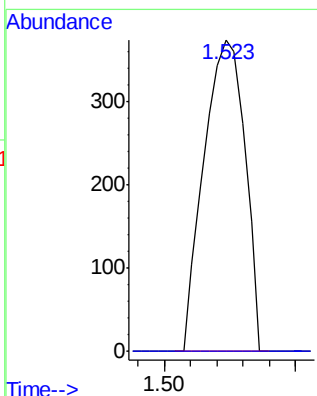
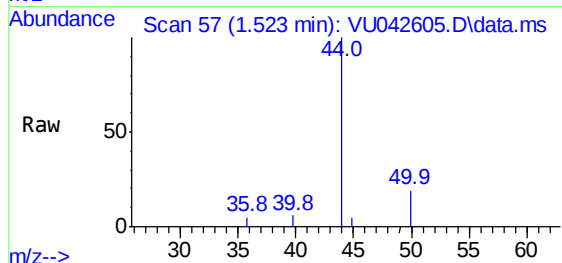




#3  
Chloromethane  
Concen: 0.06 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

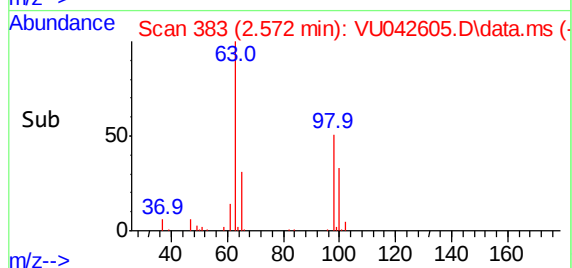
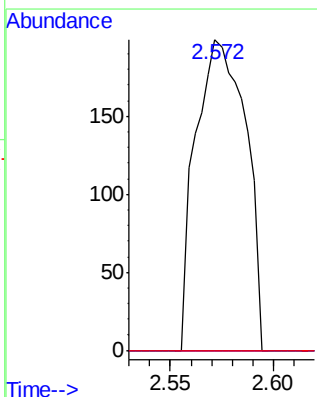
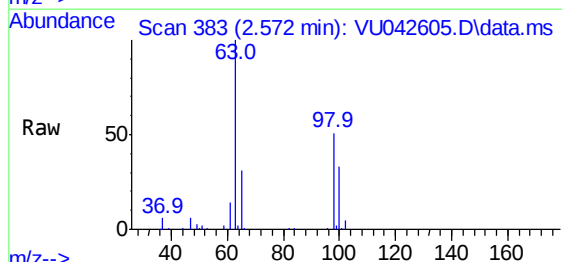
Instrument :  
MSVOA\_U  
ClientSampled :  
VBLK26

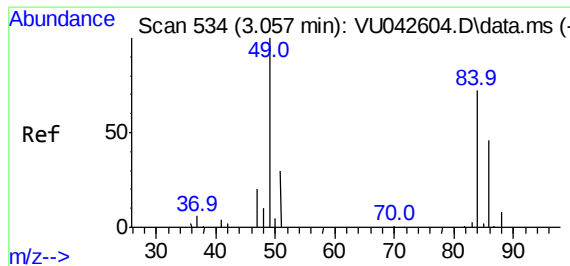
Tgt Ion: 50 Resp: 404  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.8#



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.06 ug/L  
RT: 2.572 min Scan# 383  
Delta R.T. -0.016 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Tgt Ion:101 Resp: 335  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 62.7 94.1#

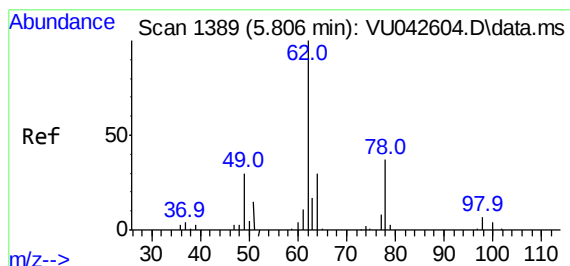
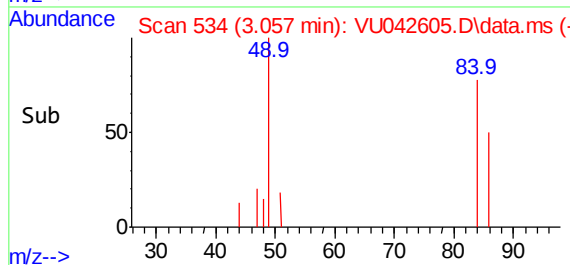
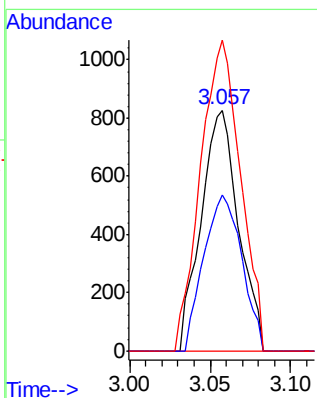
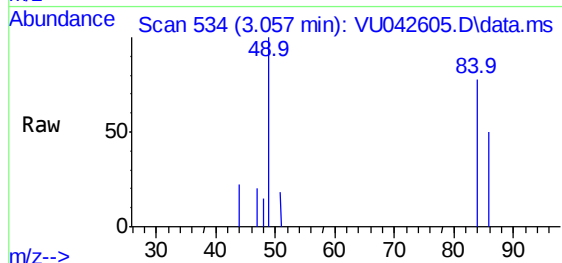




#16  
Methylene chloride  
Concen: 0.19 ug/L  
RT: 3.057 min Scan# 534  
Delta R.T. 0.000 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

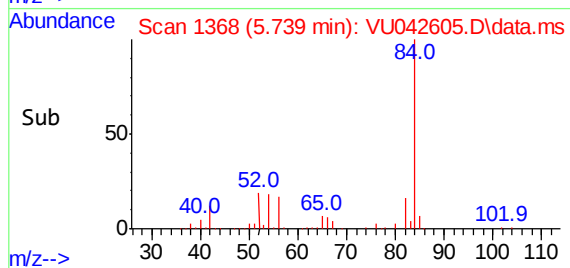
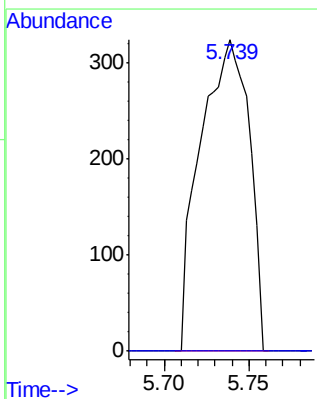
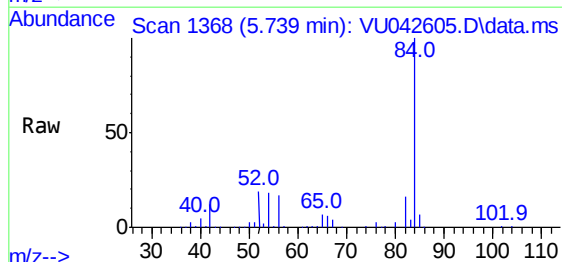
Instrument :  
MSVOA\_U  
ClientSampled :  
VBLK26

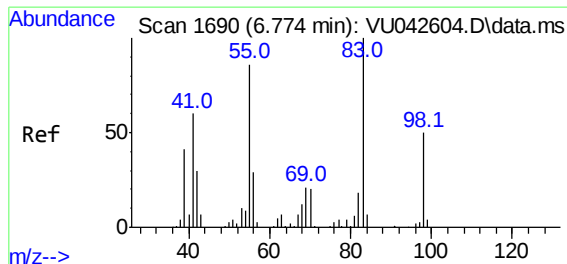
Tgt Ion: 84 Resp: 1311  
Ion Ratio Lower Upper  
84 100  
86 64.5 44.1 81.9  
49 129.0 95.0 176.4



#27  
1,2-Dichloroethane  
Concen: 0.07 ug/L  
RT: 5.739 min Scan# 1368  
Delta R.T. -0.067 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Tgt Ion: 62 Resp: 647  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#

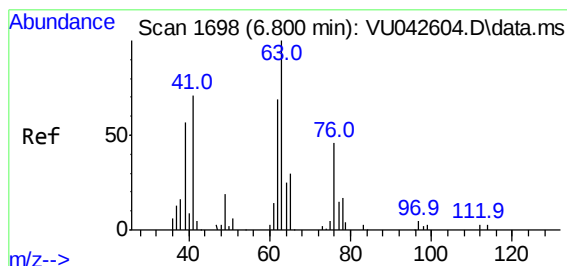
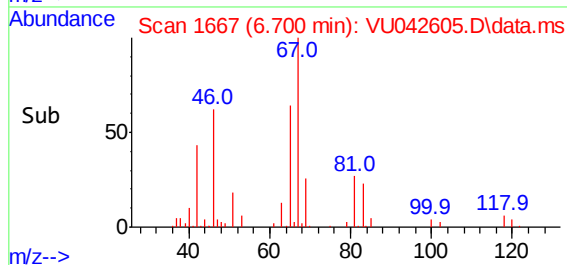
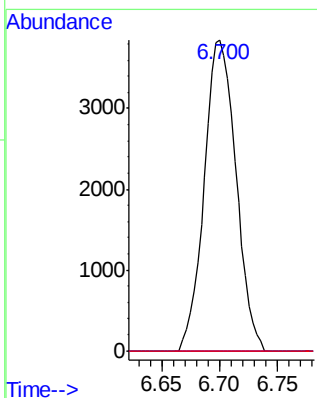
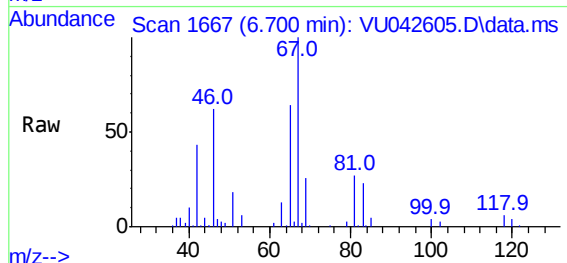




#35  
Methylcyclohexane  
Concen: 0.70 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

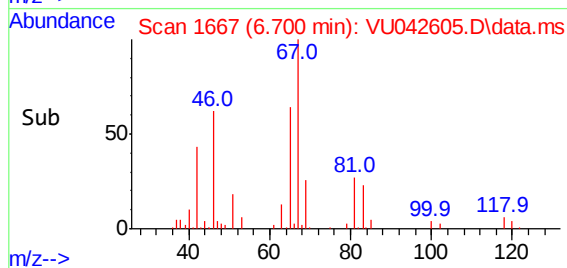
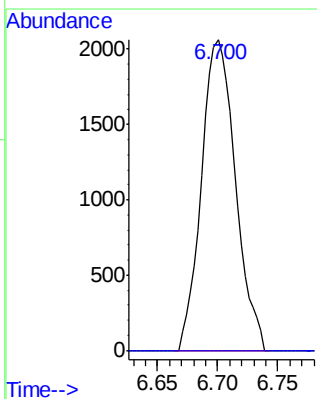
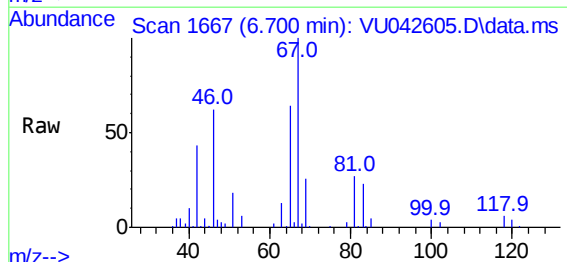
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MSVOA\_U  
ClientSampleId :  
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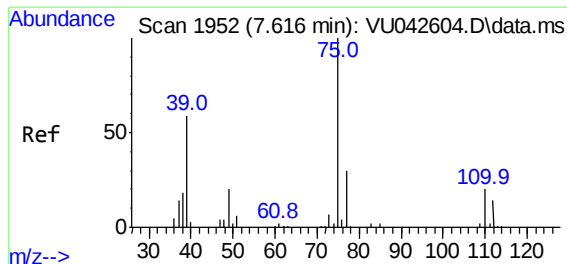
Tgt Ion: 83 Resp: 7318  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.8 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.60 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Tgt Ion: 63 Resp: 3954  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

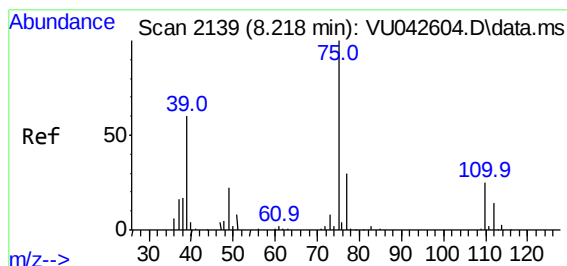
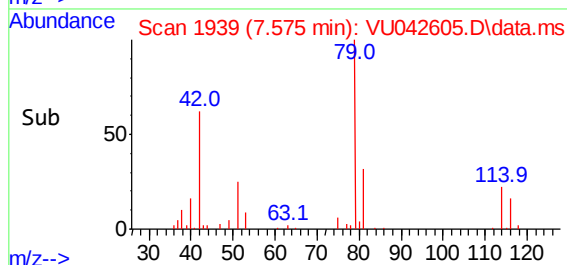
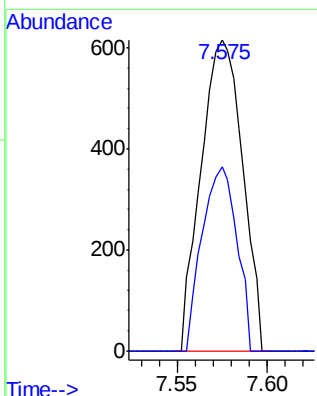
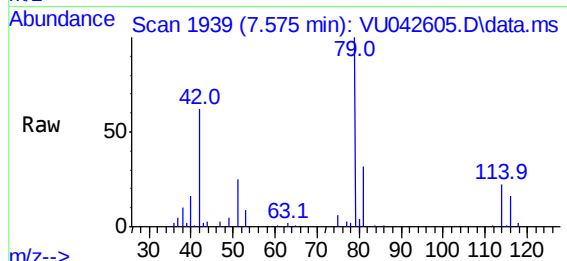




#39  
cis-1,3-Dichloropropene  
Concen: 0.10 ug/L  
RT: 7.575 min Scan# 1939  
Delta R.T. -0.042 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

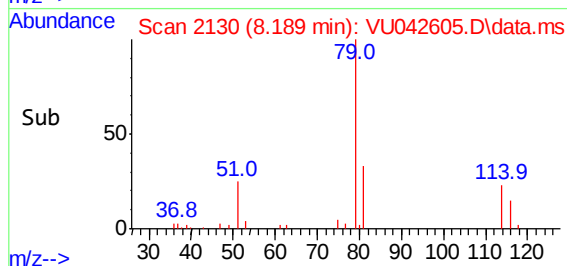
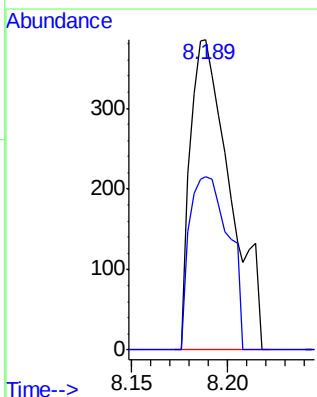
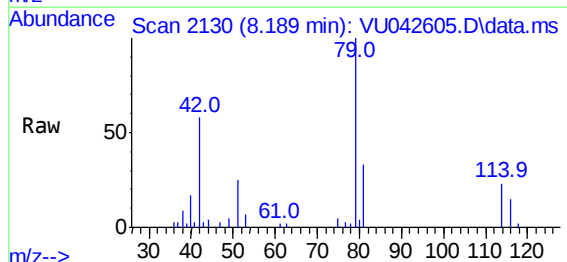
Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK26

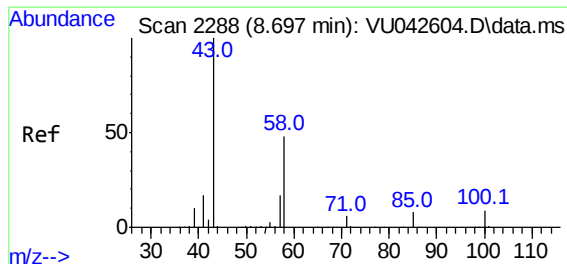
Tgt Ion: 75 Resp: 978  
Ion Ratio Lower Upper  
75 100  
77 59.3 22.0 40.8#



#44  
trans-1,3-Dichloropropene  
Concen: 0.06 ug/L  
RT: 8.189 min Scan# 2130  
Delta R.T. -0.029 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Tgt Ion: 75 Resp: 554  
Ion Ratio Lower Upper  
75 100  
77 55.8 21.8 40.4#

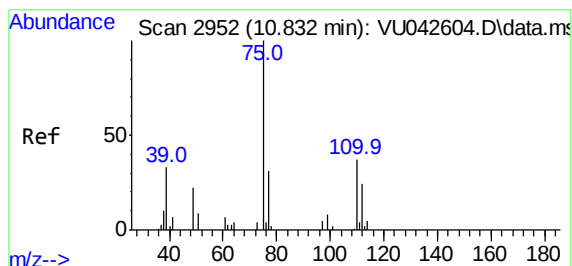
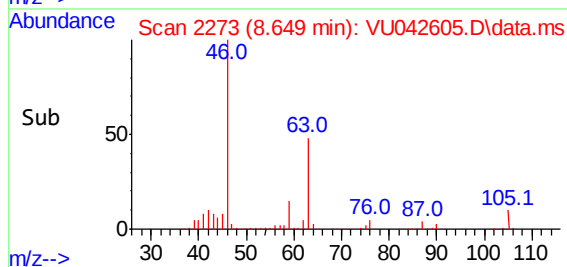
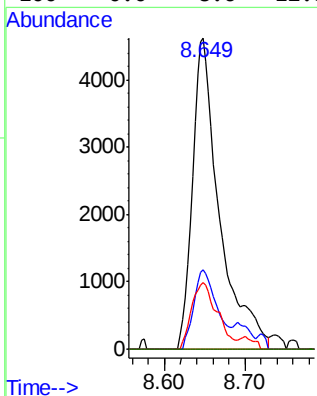
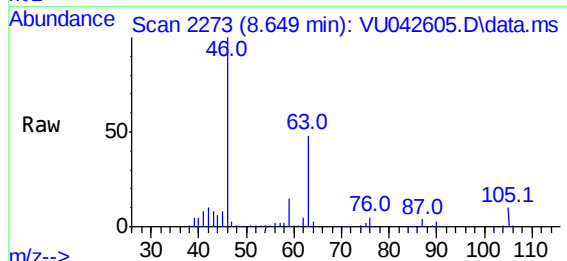




#48  
2-Hexanone  
Concen: 2.47 ug/L  
RT: 8.649 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Instrument :  
MSVOA\_U  
ClientSampleId :  
VBLK26

Tgt Ion: 43 Resp: 10567  
Ion Ratio Lower Upper  
43 100  
58 21.7 40.6 61.0#  
57 20.4 14.9 22.3  
100 0.0 8.6 12.8#



#59  
1,2,3-Trichloropropane  
Concen: 0.17 ug/L  
RT: 10.645 min Scan# 2894  
Delta R.T. -0.186 min  
Lab File: VU042605.D  
Acq: 12 Mar 2021 12:40

Tgt Ion: 75 Resp: 827  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.0 39.0#

