

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050421\  
 Data File : VU043538.D  
 Acq On : 04 May 2021 22:37  
 Operator : SY/MD  
 Sample : M2195-04DL 4X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB3J2DL

Quant Time: May 05 08:19:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed May 05 08:11:40 2021  
 Response via : Initial Calibration

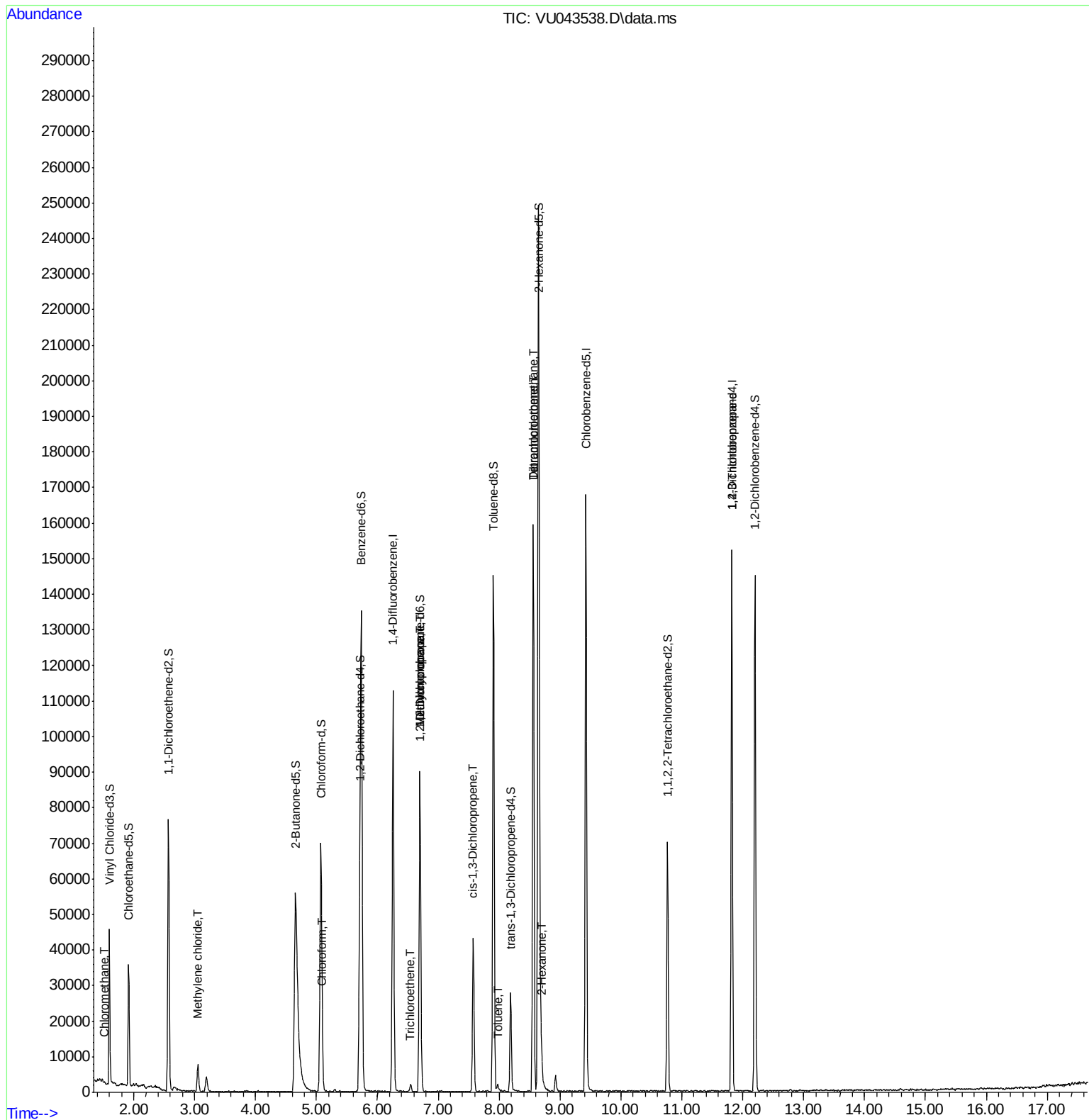
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 81693    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.426  | 117   | 83830    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 36583    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 28853    | 4.39     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 87.80%   |
| 7) Chloroethane-d5            | 1.916  | 69    | 22432    | 4.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 14959    | 4.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.80%   |
| 20) 2-Butanone-d5             | 4.658  | 46    | 128905   | 63.21    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 126.42%  |
| 24) Chloroform-d              | 5.073  | 84    | 60080    | 4.78     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 39483    | 5.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.20%  |
| 32) Benzene-d6                | 5.735  | 84    | 109306   | 4.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 39078    | 4.91     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 87166    | 4.18     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.60%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 14523    | 4.53     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.60%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 77609    | 57.68    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 115.36%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 33507    | 5.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 33930    | 5.20     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 104.00%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 3) Chloromethane              | 1.520  | 50    | 478      | 0.08     | ug/L   | 94       |
| 16) Methylene chloride        | 3.054  | 84    | 3373     | 0.46     | ug/L   | 88       |
| 25) Chloroform                | 5.099  | 83    | 1778     | 0.15     | ug/L   | 89       |
| 34) Trichloroethene           | 6.542  | 95    | 582      | 0.10     | ug/L # | 63       |
| 35) Methylcyclohexane         | 6.700  | 83    | 8843     | 1.21     | ug/L # | 12       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4709     | 0.71     | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 7.571  | 75    | 1018     | 0.12     | ug/L # | 55       |
| 42) Toluene                   | 7.976  | 91    | 1467     | 0.06     | ug/L   | 100      |
| 47) Tetrachloroethene         | 8.562  | 164   | 32611    | 7.85     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.693  | 43    | 4108     | 1.03     | ug/L # | 92       |
| 49) Dibromochloromethane      | 8.562  | 129   | 30973    | 5.62     | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.822 | 75    | 4764     | 1.29     | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

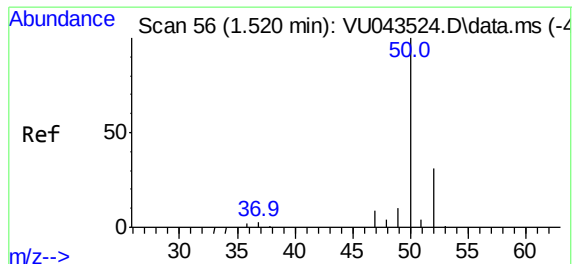
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050421\  
Data File : VU043538.D  
Acq On : 04 May 2021 22:37  
Operator : SY/MD  
Sample : M2195-04DL 4X  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

Quant Time: May 05 08:19:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed May 05 08:11:40 2021  
Response via : Initial Calibration

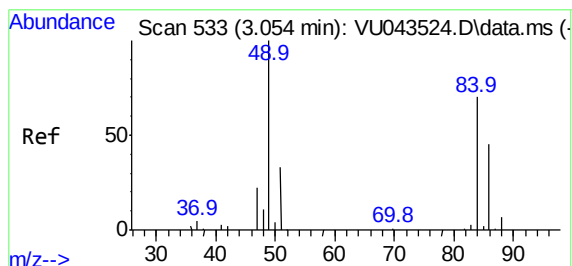
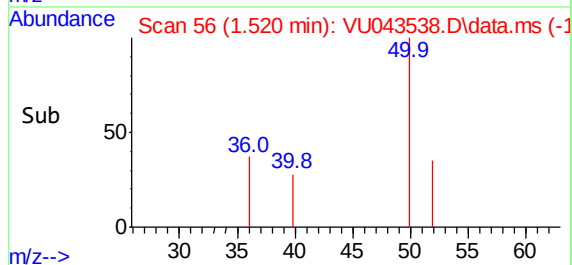
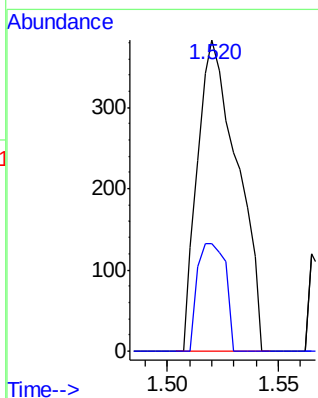
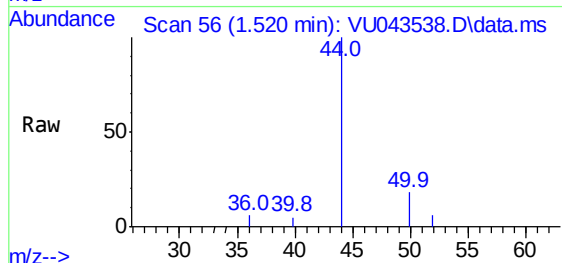




#3  
Chloromethane  
Concen: 0.08 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

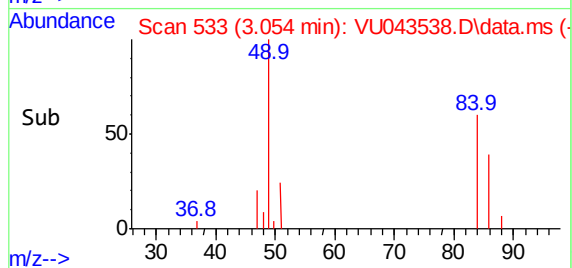
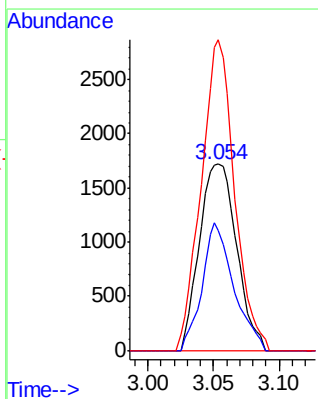
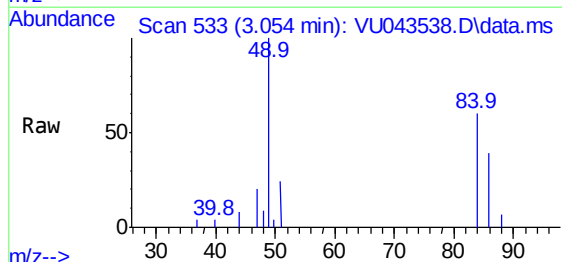
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

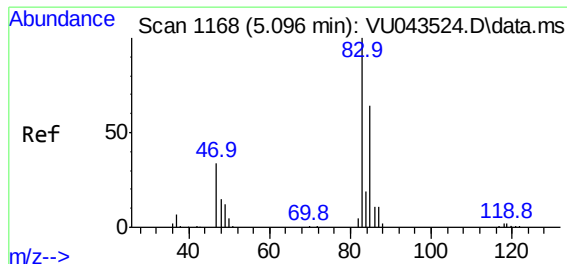
Tgt Ion: 50 Resp: 478  
Ion Ratio Lower Upper  
50 100  
52 34.7 22.1 41.1



#16  
Methylene chloride  
Concen: 0.46 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 84 Resp: 3373  
Ion Ratio Lower Upper  
84 100  
86 64.4 45.6 84.6  
49 173.5 107.0 198.8

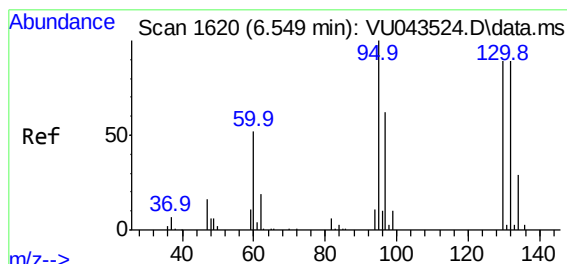
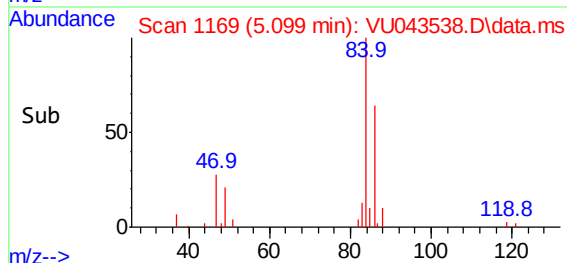
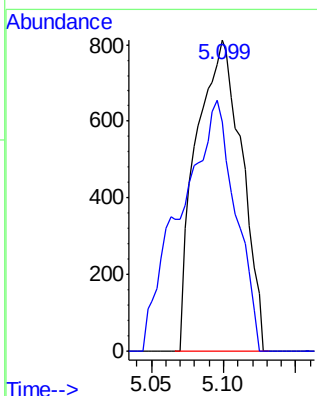
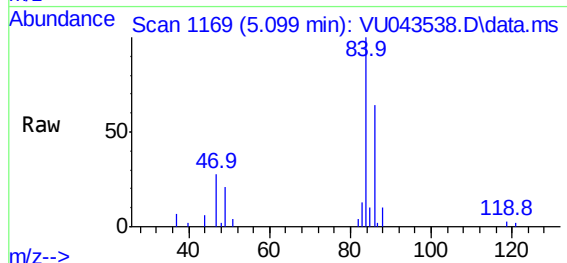




#25  
Chloroform  
Concen: 0.15 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.003 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

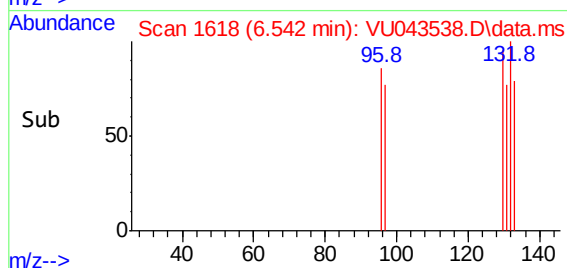
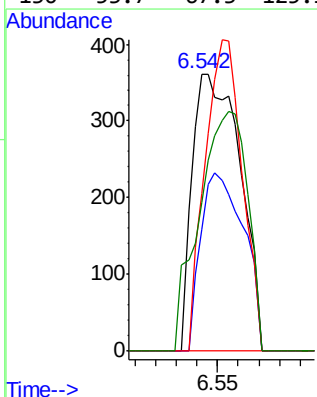
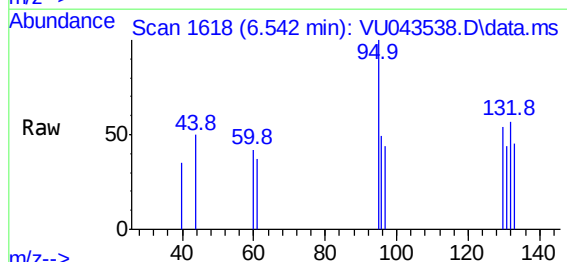
Instrument :  
MSVOA\_U  
ClientSampled :  
GB3J2DL

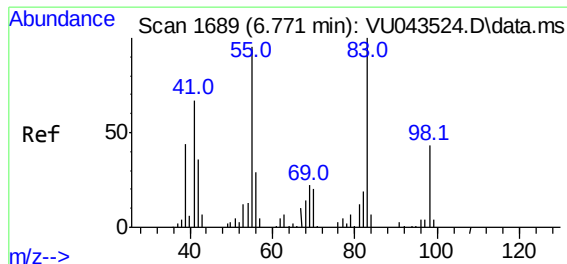
Tgt Ion: 83 Resp: 1778  
Ion Ratio Lower Upper  
83 100  
85 73.5 45.1 83.9



#34  
Trichloroethene  
Concen: 0.10 ug/L  
RT: 6.542 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 95 Resp: 582  
Ion Ratio Lower Upper  
95 100  
97 43.8 46.5 86.5#  
132 56.8 64.1 119.1#  
130 53.7 67.3 125.1#

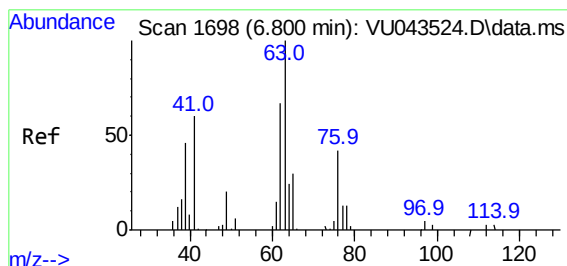
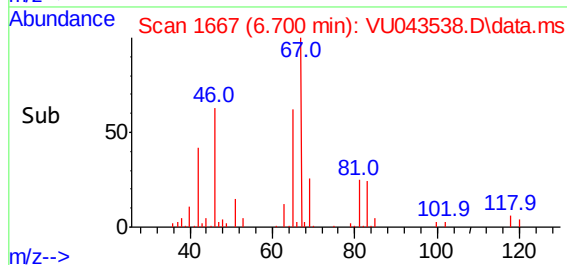
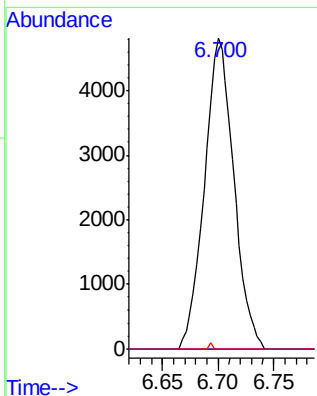
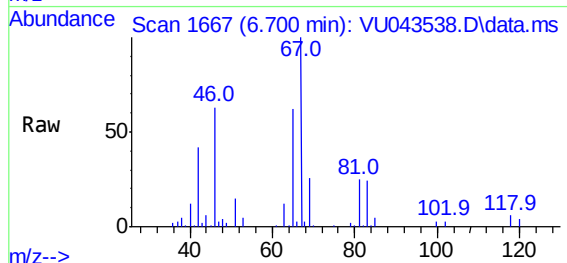




#35  
Methylcyclohexane  
Concen: 1.21 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

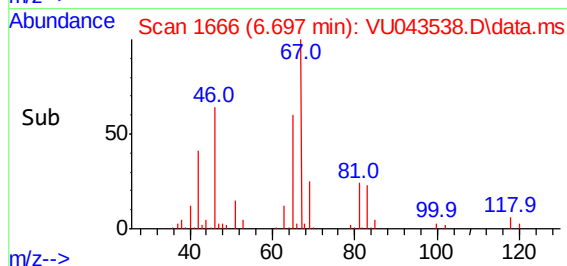
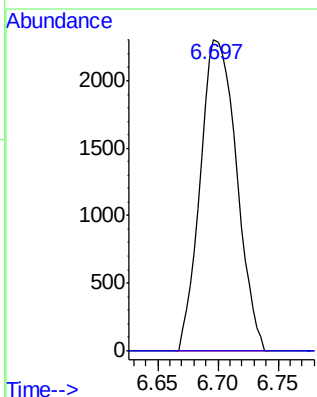
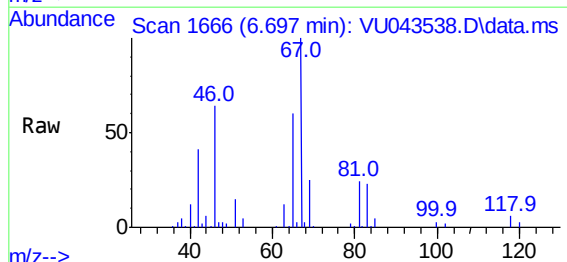
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

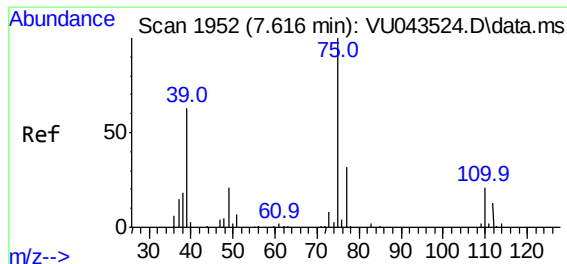
Tgt Ion: 83 Resp: 8843  
Ion Ratio Lower Upper  
83 100  
55 0.0 75.8 113.8#  
98 0.2 35.5 53.3#



#37  
1,2-Dichloropropane  
Concen: 0.71 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.103 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 63 Resp: 4709  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.6 3.8#

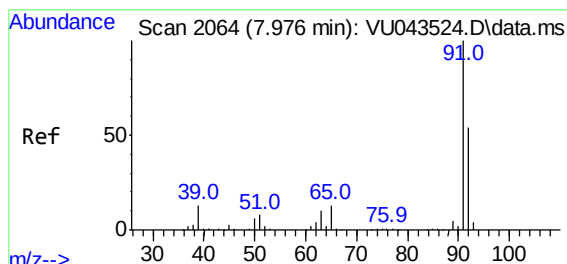
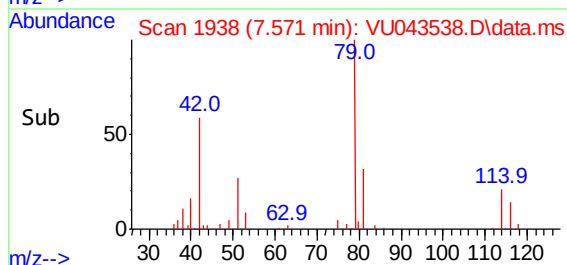
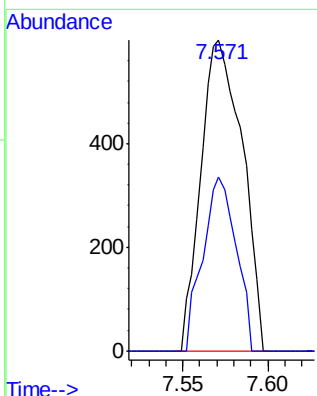
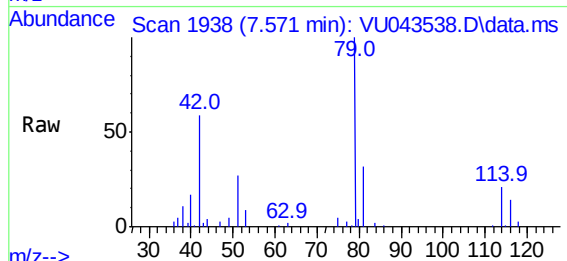




#39  
cis-1,3-Dichloropropene  
Concen: 0.12 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

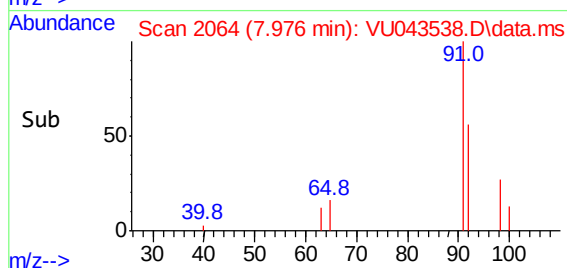
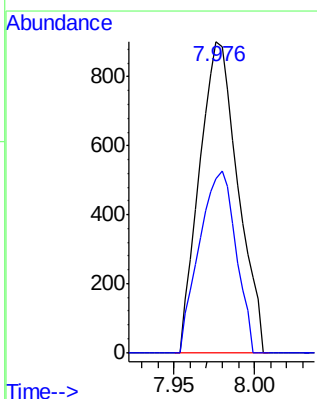
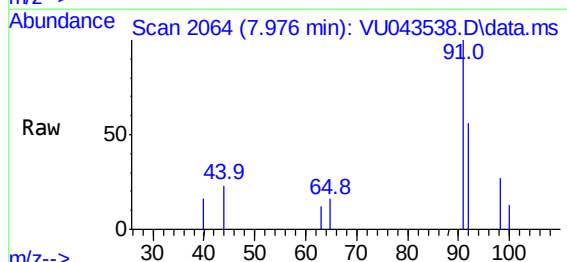
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

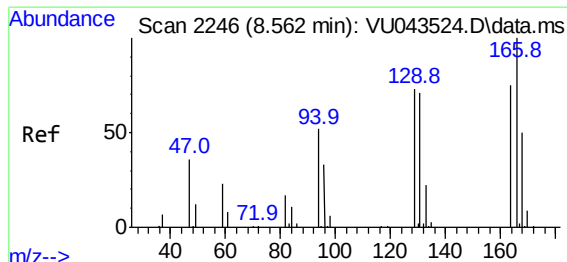
Tgt Ion: 75 Resp: 1018  
Ion Ratio Lower Upper  
75 100  
77 56.0 21.9 40.7#



#42  
Toluene  
Concen: 0.06 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 91 Resp: 1467  
Ion Ratio Lower Upper  
91 100  
92 55.9 39.1 72.5

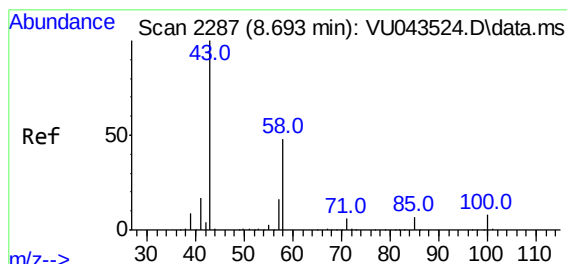
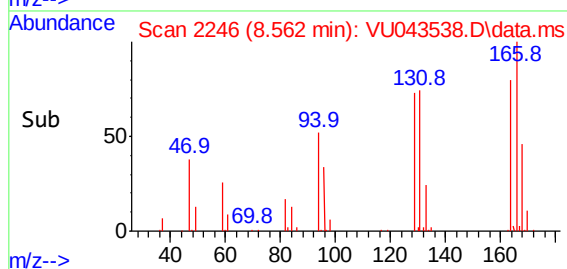
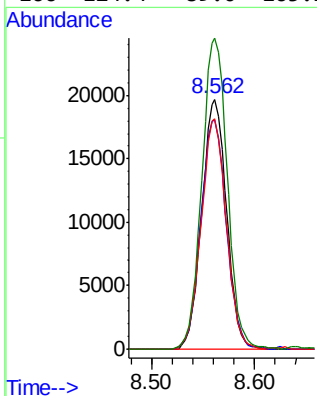
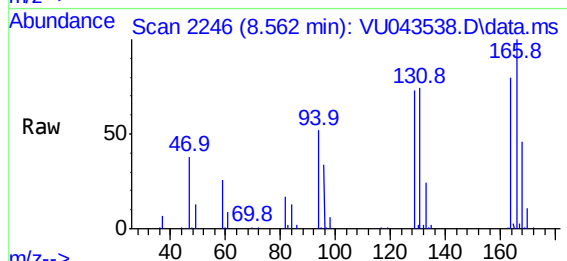




#47  
Tetrachloroethene  
Concen: 7.85 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

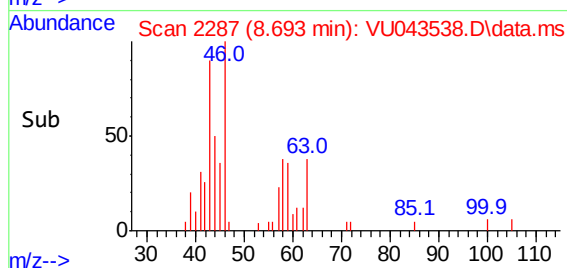
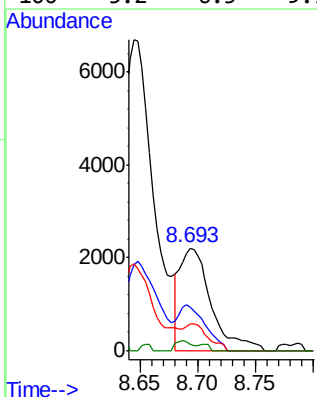
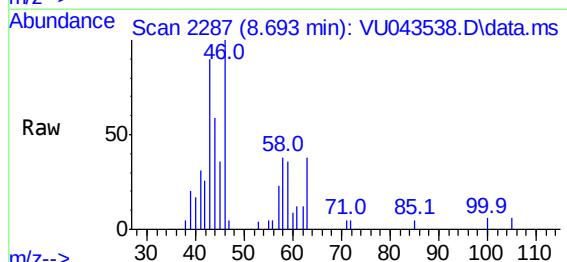
Instrument :  
MSVOA\_U  
ClientSampled :  
GB3J2DL

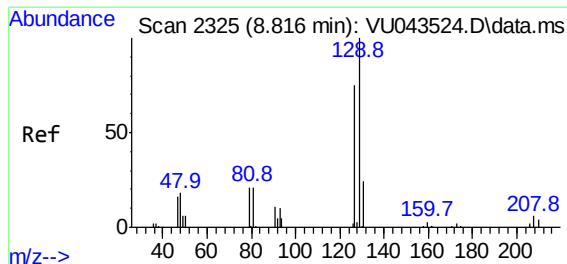
Tgt Ion:164 Resp: 32611  
Ion Ratio Lower Upper  
164 100  
129 91.4 62.5 116.1  
131 91.9 64.9 120.5  
166 124.4 89.0 165.2



#48  
2-Hexanone  
Concen: 1.03 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 43 Resp: 4108  
Ion Ratio Lower Upper  
43 100  
58 39.9 36.8 55.2  
57 18.1 13.2 19.8  
100 5.2 6.5 9.7#

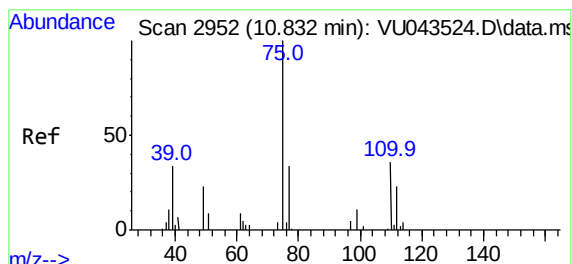
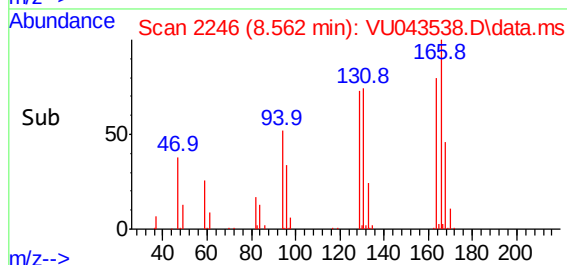
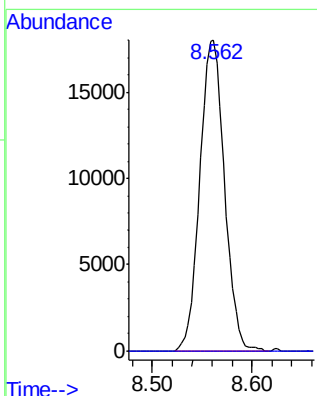
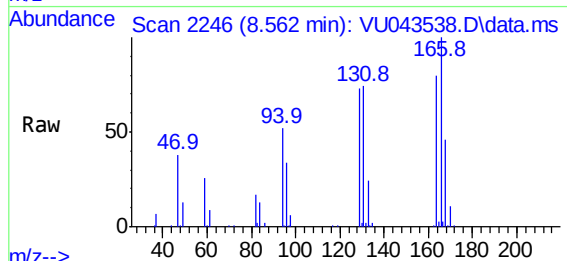




#49  
Dibromochloromethane  
Concen: 5.62 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.254 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3J2DL

Tgt Ion:129 Resp: 30973  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.4 97.4#



#61  
1,2,3-Trichloropropane  
Concen: 1.29 ug/L  
RT: 11.822 min Scan# 3260  
Delta R.T. 0.990 min  
Lab File: VU043538.D  
Acq: 04 May 2021 22:37

Tgt Ion: 75 Resp: 4764  
Ion Ratio Lower Upper  
75 100  
110 0.0 28.6 42.8#  
77 35.8 25.7 38.5

