

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU063021\  
 Data File : VU044272.D  
 Acq On : 30 Jun 2021 20:04  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jul 01 02:41:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jul 01 02:36:13 2021  
 Response via : Initial Calibration

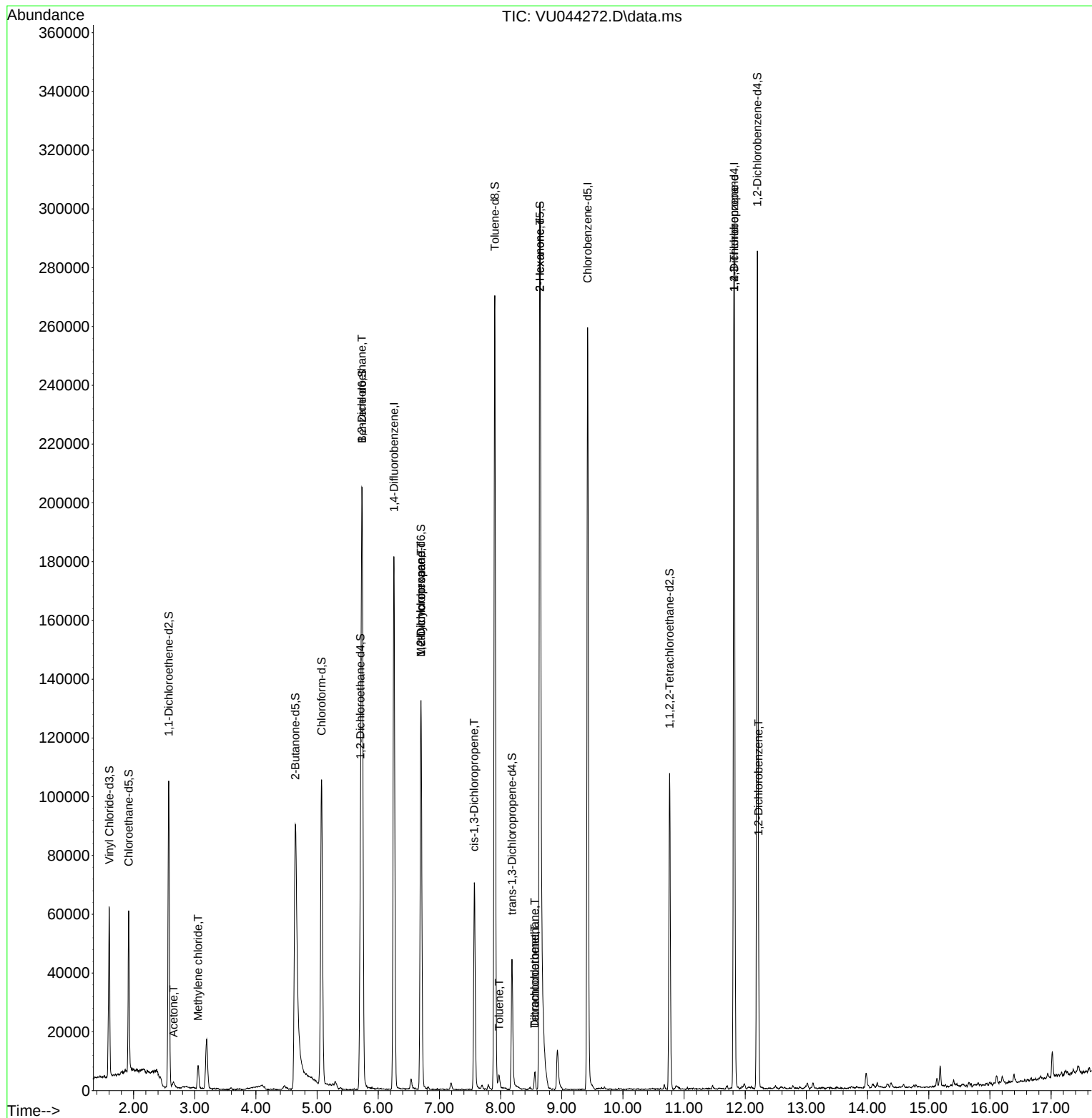
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 147437   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 140870   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 77261    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 37365    | 4.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 93.600%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 38647    | 4.917    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 19732    | 4.816    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 96.400%  |
| 20) 2-Butanone-d5             | 4.645  | 46    | 142711   | 48.548   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 97.100%  |
| 24) Chloroform-d              | 5.073  | 84    | 94798    | 5.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.600% |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 54784    | 5.100    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.000% |
| 32) Benzene-d6                | 5.735  | 84    | 185219   | 5.294    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 105.800% |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 61141    | 5.392    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.800% |
| 41) Toluene-d8                | 7.906  | 98    | 174858   | 5.386    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 107.800% |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 24706    | 4.698    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.000%  |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 140230   | 55.981   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 111.960% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 53008    | 5.259    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 105.200% |
| 66) 1,2-Dichlorobenzene-d4    | 12.198 | 152   | 73376    | 5.764    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 115.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.652  | 43    | 3059     | 2.327    | ug/L   | 79       |
| 16) Methylene chloride        | 3.054  | 84    | 3159     | 0.275    | ug/L   | 91       |
| 27) 1,2-Dichloroethane        | 5.732  | 62    | 996      | 0.081    | ug/L # | 76       |
| 35) Methylcyclohexane         | 6.697  | 83    | 15058    | 0.911    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 7020     | 0.719    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1780     | 0.111    | ug/L # | 64       |
| 42) Toluene                   | 7.976  | 91    | 3013     | 0.074    | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.558  | 164   | 1240     | 0.168    | ug/L   | 98       |
| 48) 2-Hexanone                | 8.642  | 43    | 18833    | 3.407    | ug/L # | 63       |
| 49) Dibromochloromethane      | 8.558  | 129   | 1325     | 0.142    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 9288     | 1.332    | ug/L # | 66       |
| 67) 1,2-Dichlorobenzene       | 12.217 | 146   | 1338     | 0.067    | ug/L # | 90       |
| -----                         |        |       |          |          |        |          |

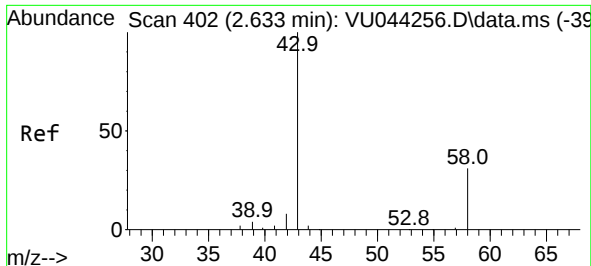
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU063021\  
Data File : VU044272.D  
Acq On : 30 Jun 2021 20:04  
Operator : SY/MD  
Sample : VIBLK  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Jul 01 02:41:07 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR062121WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Jul 01 02:36:13 2021  
Response via : Initial Calibration

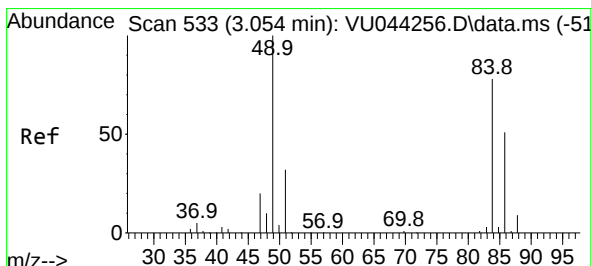
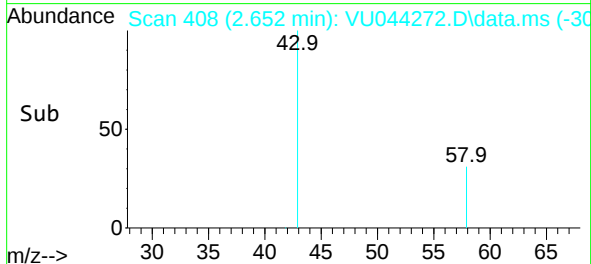
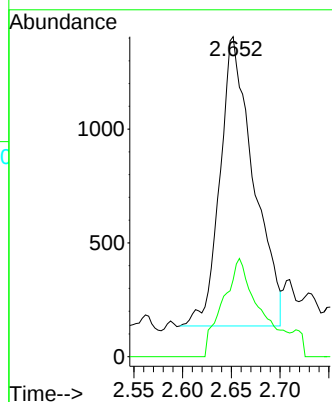
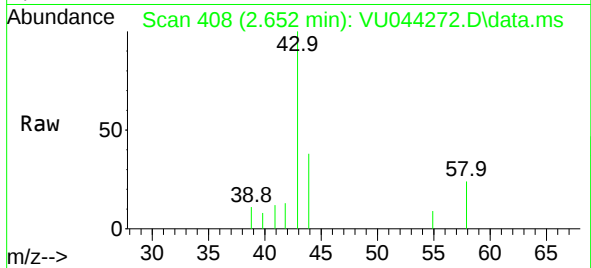




#13  
Acetone  
Concen: 2.327 ug/L  
RT: 2.652 min Scan# 408  
Delta R.T. 0.019 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

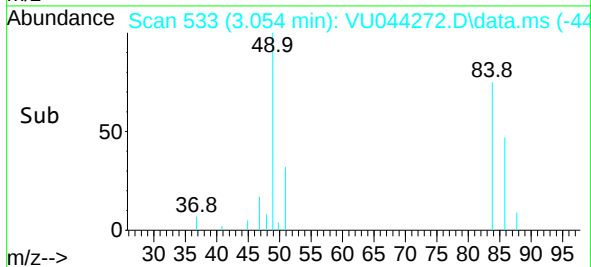
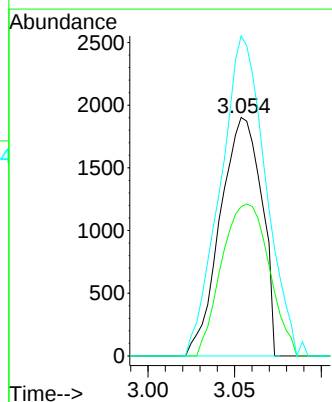
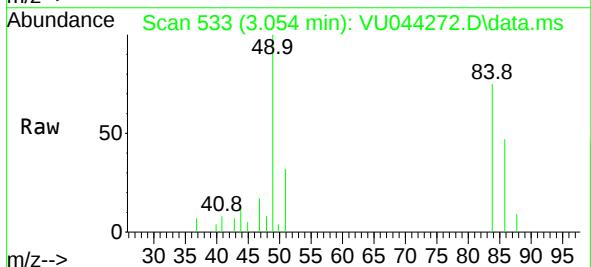
Instrument :  
MSVOA\_U  
ClientSampled :

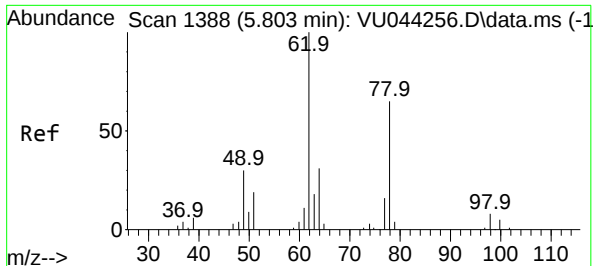
Tgt Ion: 43 Resp: 3059  
Ion Ratio Lower Upper  
43 100  
58 37.9 0.0 53.8



#16  
Methylene chloride  
Concen: 0.275 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Tgt Ion: 84 Resp: 3159  
Ion Ratio Lower Upper  
84 100  
86 62.6 46.1 85.5  
49 140.0 88.4 164.2

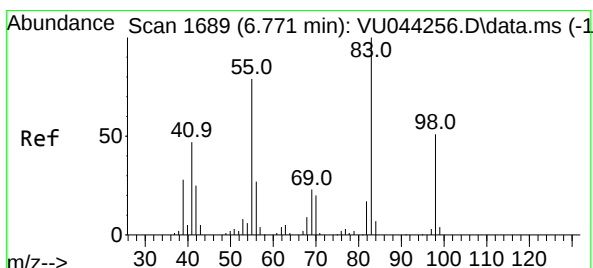
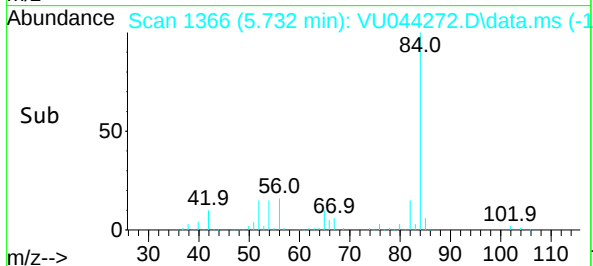
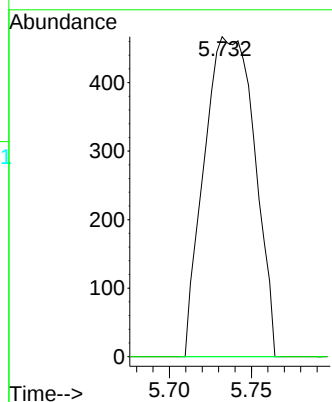
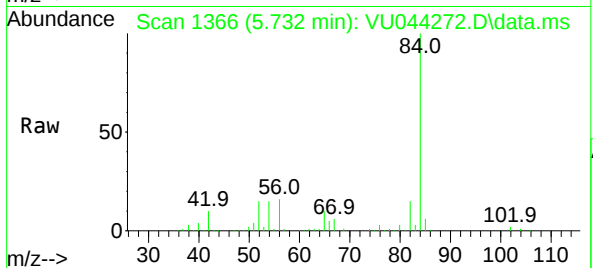




#27  
1,2-Dichloroethane  
Concen: 0.081 ug/L  
RT: 5.732 min Scan# 1366  
Delta R.T. -0.071 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

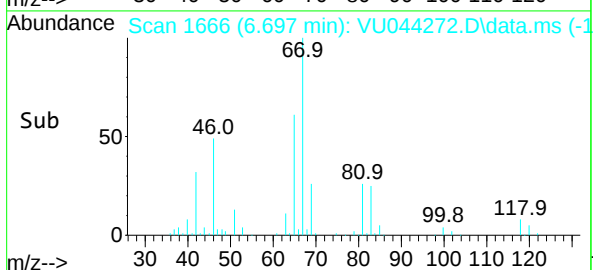
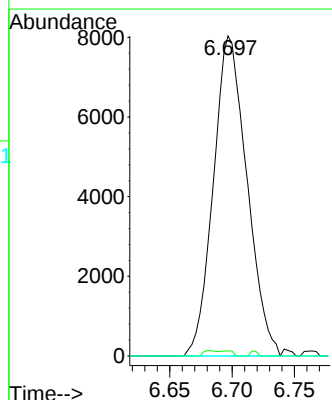
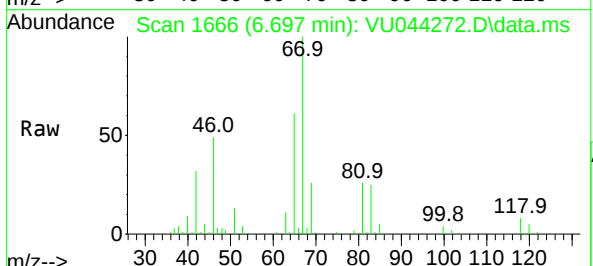
Instrument :  
MSVOA\_U  
ClientSampled :

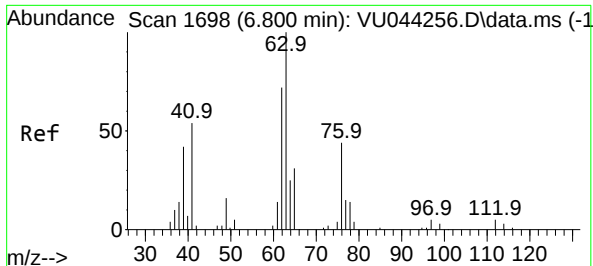
Tgt Ion: 62 Resp: 996  
Ion Ratio Lower Upper  
62 100  
98 0.0 6.8 10.2#



#35  
Methylcyclohexane  
Concen: 0.911 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.074 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Tgt Ion: 83 Resp: 15058  
Ion Ratio Lower Upper  
83 100  
55 0.5 63.4 95.0#  
98 0.0 39.4 59.0#



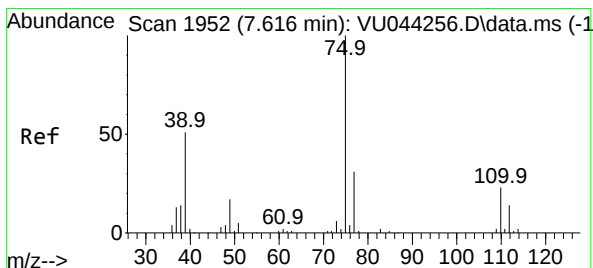
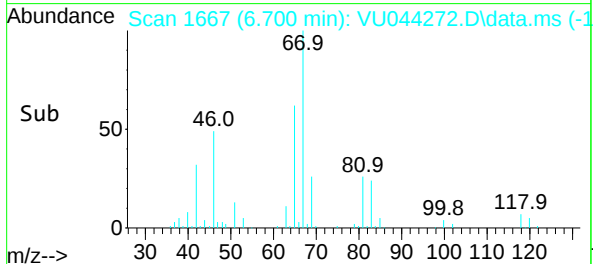
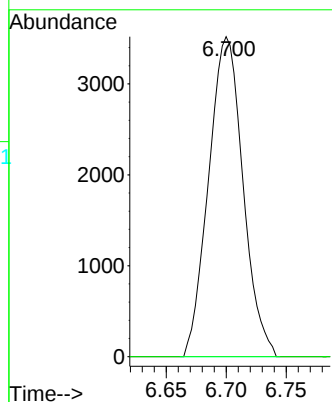
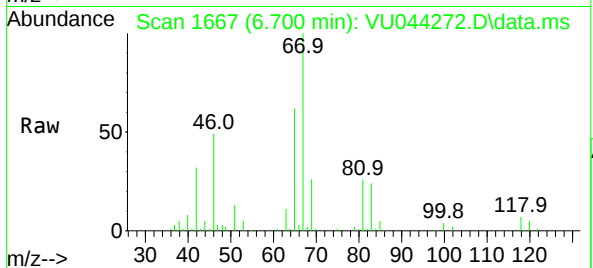


#37

1,2-Dichloropropane  
Concen: 0.719 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Instrument :  
MSVOA\_U  
ClientSampled :

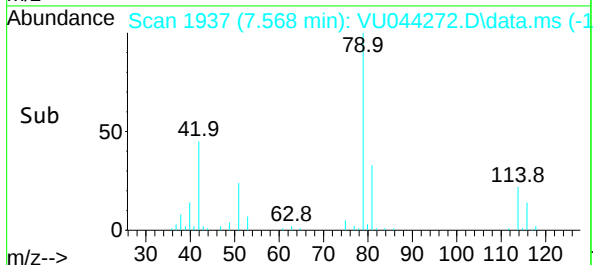
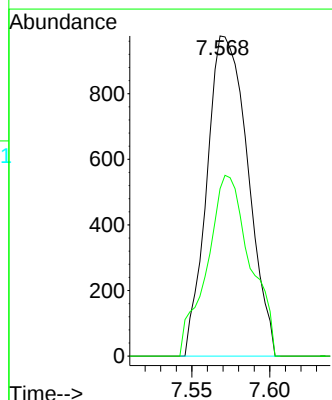
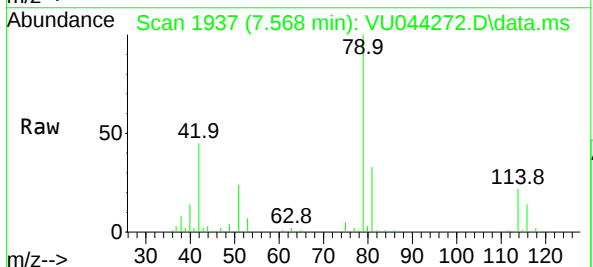
Tgt Ion: 63 Resp: 7020  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#

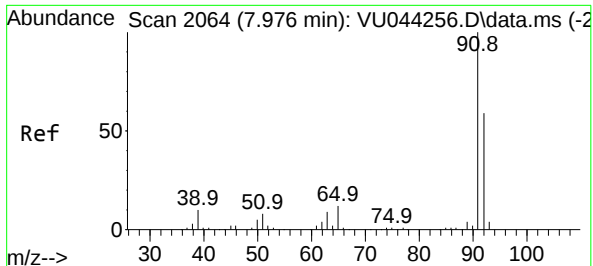


#39

cis-1,3-Dichloropropene  
Concen: 0.111 ug/L  
RT: 7.568 min Scan# 1937  
Delta R.T. -0.048 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Tgt Ion: 75 Resp: 1780  
Ion Ratio Lower Upper  
75 100  
77 52.3 22.5 41.7#

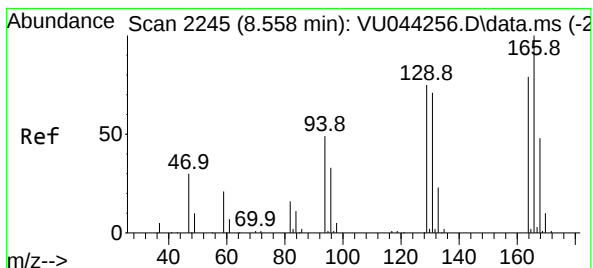
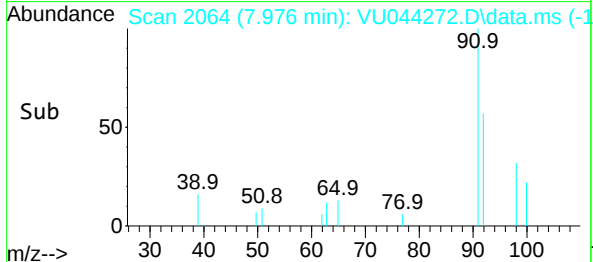
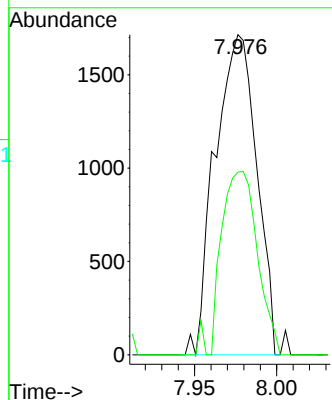
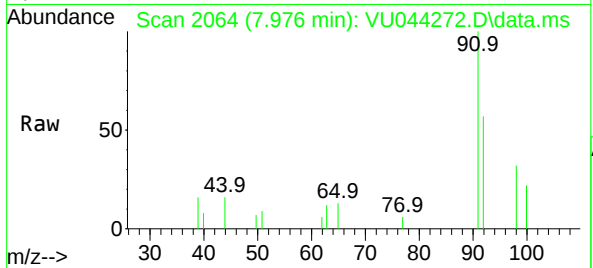




#42  
Toluene  
Concen: 0.074 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

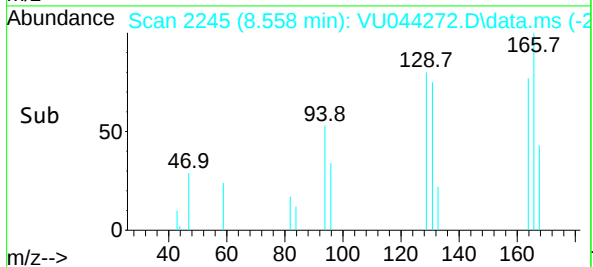
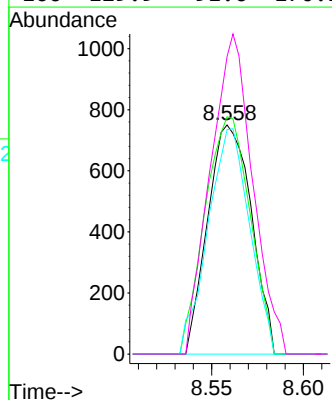
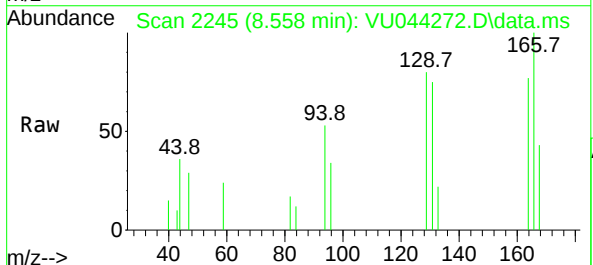
Instrument :  
MSVOA\_U  
ClientSampled :

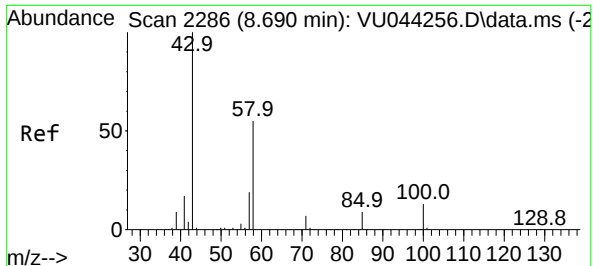
Tgt Ion: 91 Resp: 3013  
Ion Ratio Lower Upper  
91 100  
92 57.1 41.2 76.6



#47  
Tetrachloroethene  
Concen: 0.168 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

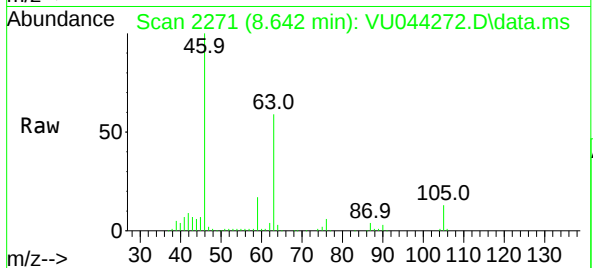
Tgt Ion: 164 Resp: 1240  
Ion Ratio Lower Upper  
164 100  
129 103.6 71.8 133.4  
131 98.0 66.4 123.2  
166 129.9 91.6 170.2



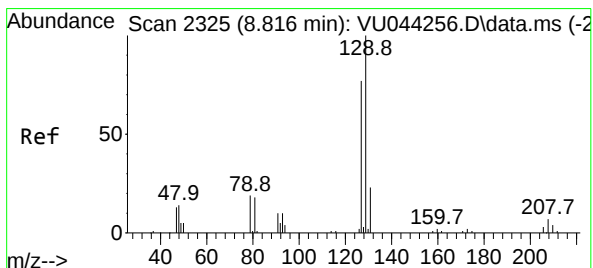
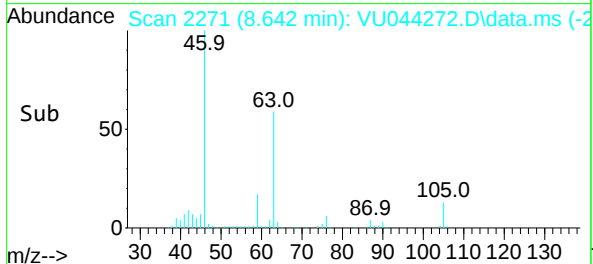
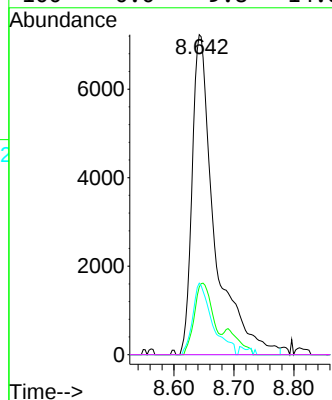


#48  
2-Hexanone  
Concen: 3.407 ug/L  
RT: 8.642 min Scan# 2271  
Delta R.T. -0.048 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Instrument :  
MSVOA\_U  
ClientSampled :

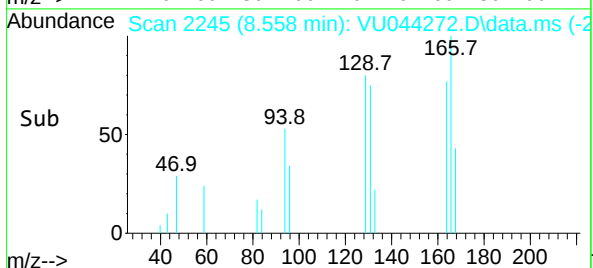
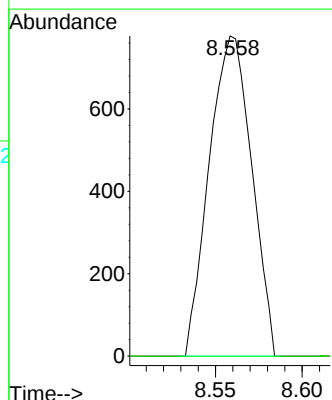
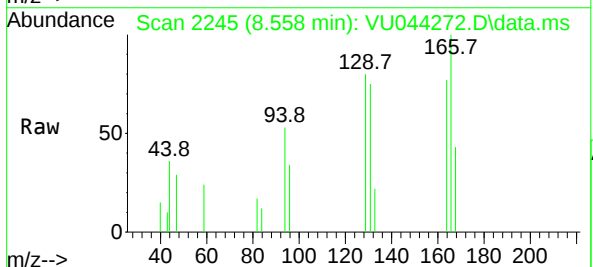


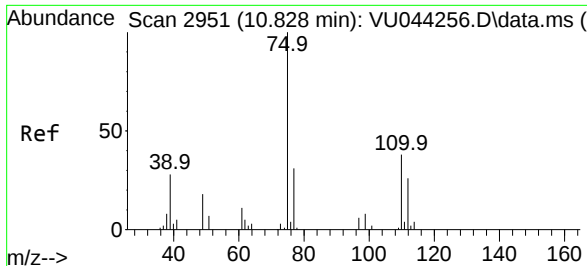
Tgt Ion: 43 Resp: 18833  
Ion Ratio Lower Upper  
43 100  
58 18.2 44.7 67.1#  
57 19.5 15.7 23.5  
100 0.0 9.8 14.8#



#49  
Dibromochloromethane  
Concen: 0.142 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.257 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Tgt Ion: 129 Resp: 1325  
Ion Ratio Lower Upper  
129 100  
127 0.0 53.6 99.6#

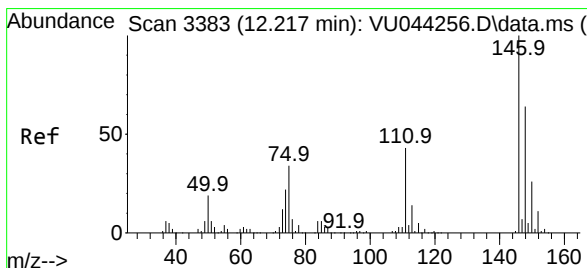
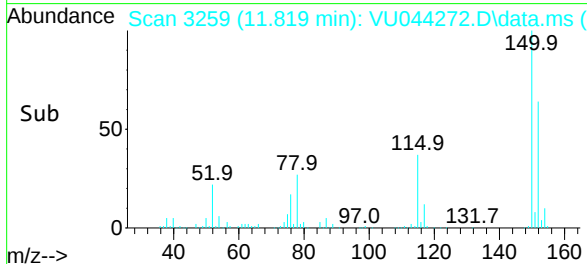
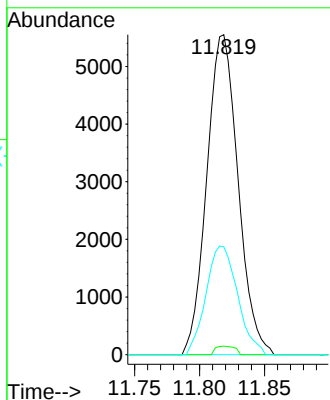
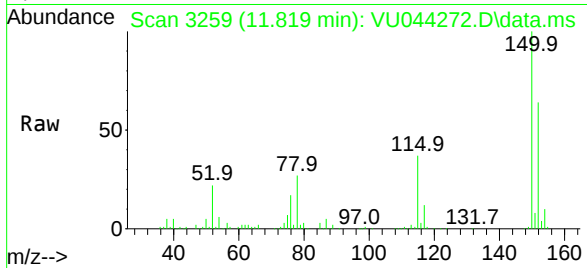




#61  
1,2,3-Trichloropropane  
Concen: 1.332 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.990 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion: 75 Resp: 9288  
Ion Ratio Lower Upper  
75 100  
110 1.6 30.5 45.7#  
77 34.2 26.1 39.1



#67  
1,2-Dichlorobenzene  
Concen: 0.067 ug/L  
RT: 12.217 min Scan# 3383  
Delta R.T. -0.000 min  
Lab File: VU044272.D  
Acq: 30 Jun 2021 20:04

Tgt Ion: 146 Resp: 1338  
Ion Ratio Lower Upper  
146 100  
111 56.5 35.0 52.6#  
148 66.0 51.2 76.8

