

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072121\  
 Data File : VW019538.D  
 Acq On : 21 Jul 2021 17:05  
 Operator : SY/VA  
 Sample : M3106-10  
 Misc : 5.31g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jul 22 01:02:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 22 00:59:45 2021  
 Response via : Initial Calibration

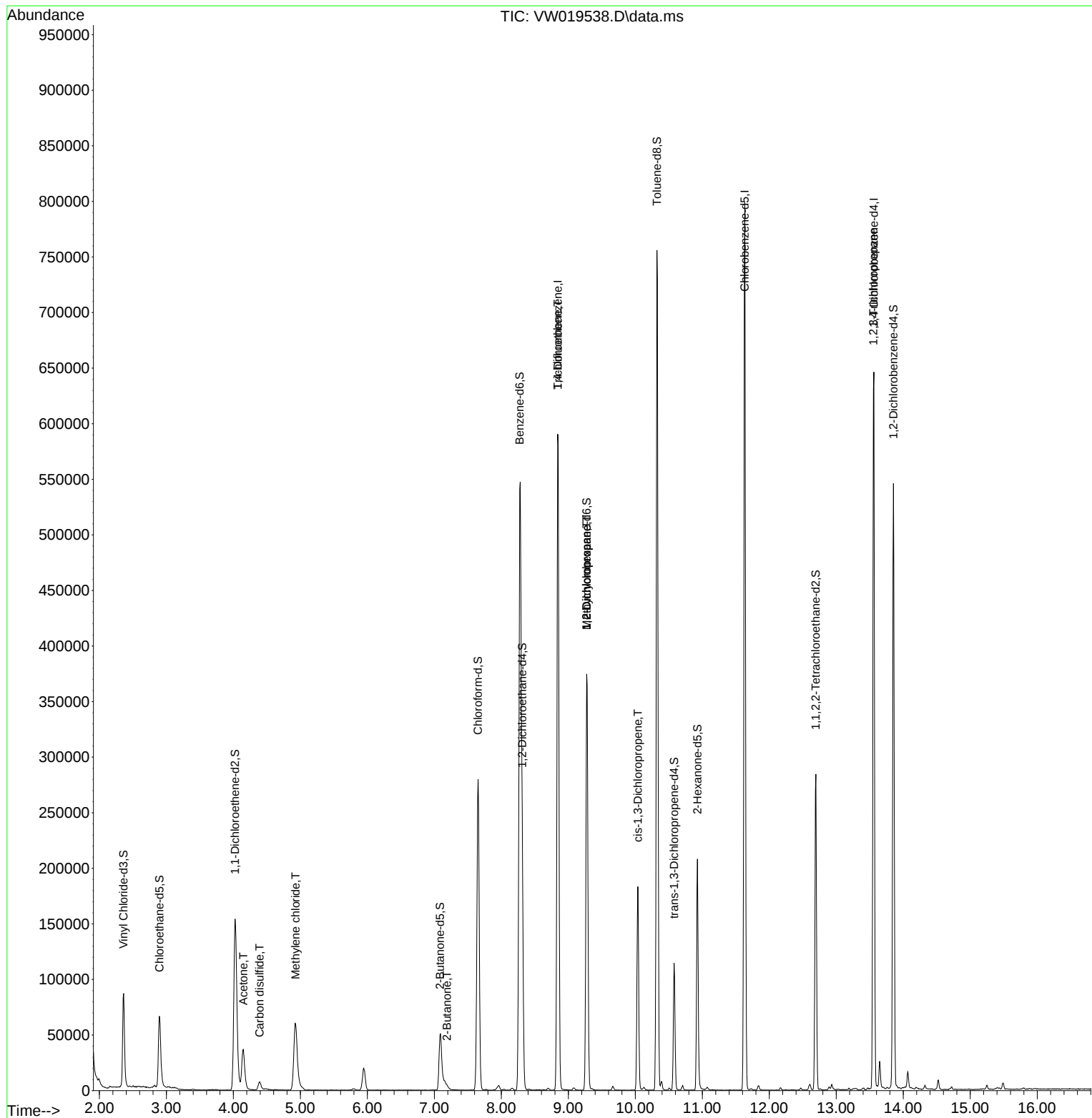
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 497006   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 444004   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 165718   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 101783   | 14.454   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.800%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 90575    | 18.037   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.160%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 181785   | 13.379   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.520%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 91882    | 44.955   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 89.900%  |
| 24) Chloroform-d              | 7.653  | 84    | 287242   | 20.917   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 165193   | 21.920   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 87.680%  |
| 32) Benzene-d6                | 8.275  | 84    | 577725   | 21.859   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 87.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 184345   | 22.378   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 89.520%  |
| 41) Toluene-d8                | 10.323 | 98    | 503988   | 21.150   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 84.600%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 65514    | 18.571   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 74.280%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 70638    | 46.220   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 92.440%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 144015   | 21.636   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 86.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 138972   | 23.768   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.080%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 4.147  | 43    | 73834    | 49.026   | ug/L   | 90       |
| 14) Carbon disulfide          | 4.391  | 76    | 16997    | 0.818    | ug/L   | 98       |
| 16) Methylene chloride        | 4.928  | 84    | 55812    | 5.633    | ug/L   | 97       |
| 22) 2-Butanone                | 7.190  | 43    | 6819     | 2.926    | ug/L   | 92       |
| 34) Trichloroethene           | 8.842  | 95    | 14573    | 2.055    | ug/L # | 5        |
| 35) Methylcyclohexane         | 9.274  | 83    | 43846    | 3.493    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 9.274  | 63    | 20377    | 2.893    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 10.037 | 75    | 4452     | 0.413    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 13.554 | 75    | 21684    | 5.973    | ug/L # | 65       |
| -----                         |        |       |          |          |        |          |

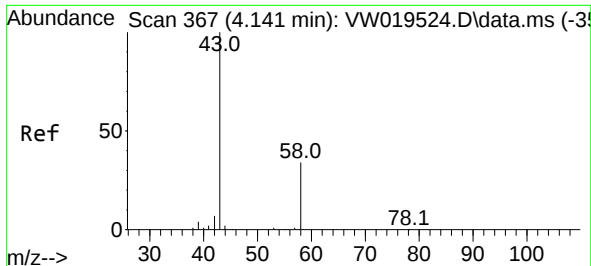
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0  
QLast Update : Thu Jul 22 00:59:45 2021  
Response via : Initial Calibration

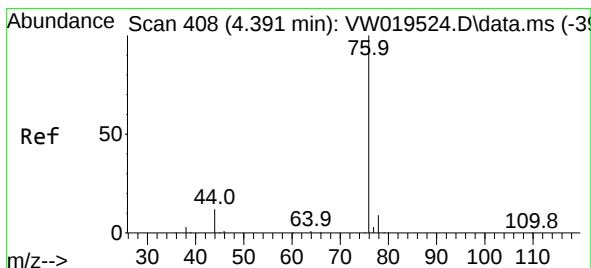
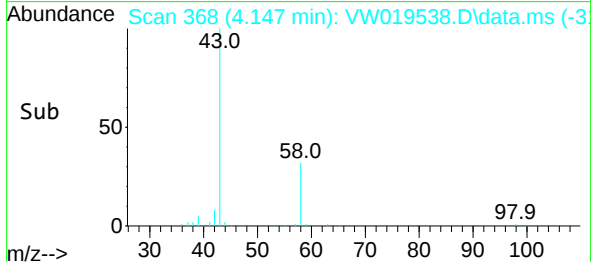
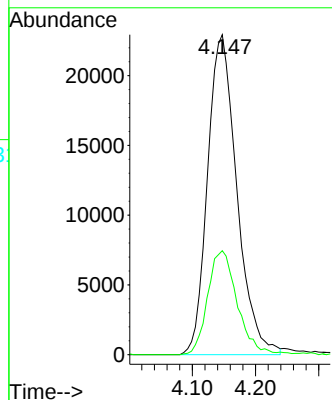
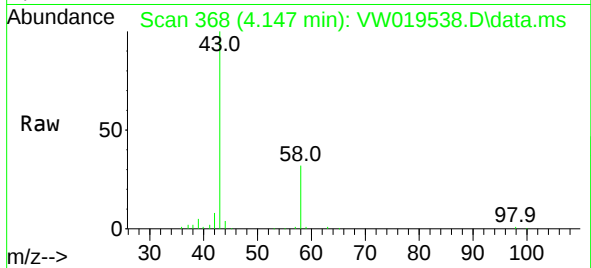




#13  
Acetone  
Concen: 49.026 ug/L  
RT: 4.147 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

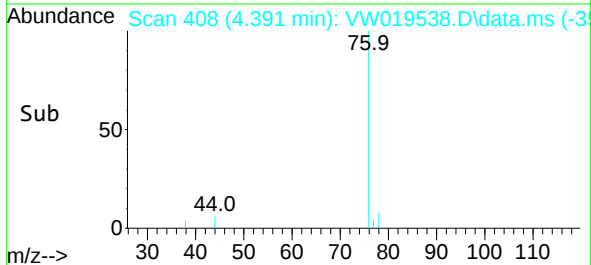
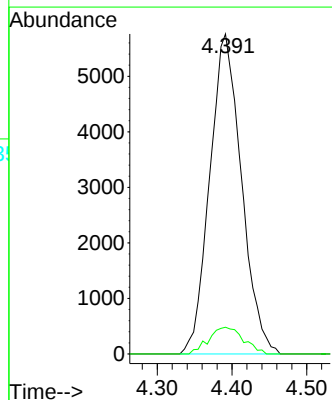
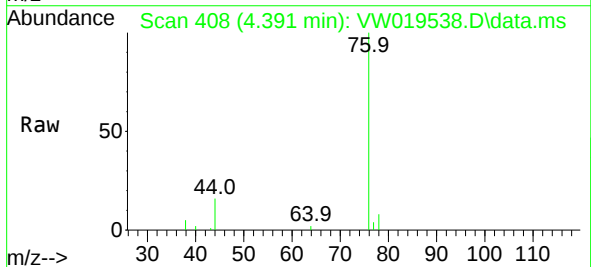
Instrument :  
MSVOA\_W  
ClientSampled :

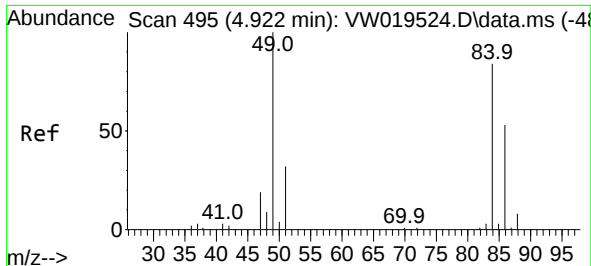
Tgt Ion: 43 Resp: 73834  
Ion Ratio Lower Upper  
43 100  
58 32.0 0.0 53.8



#14  
Carbon disulfide  
Concen: 0.818 ug/L  
RT: 4.391 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

Tgt Ion: 76 Resp: 16997  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.0

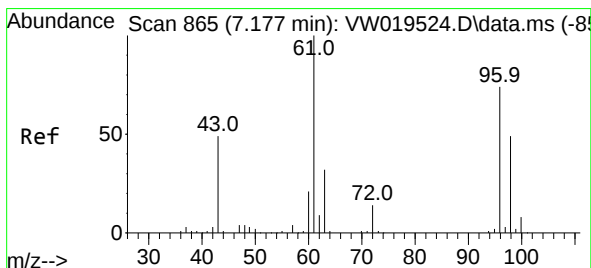
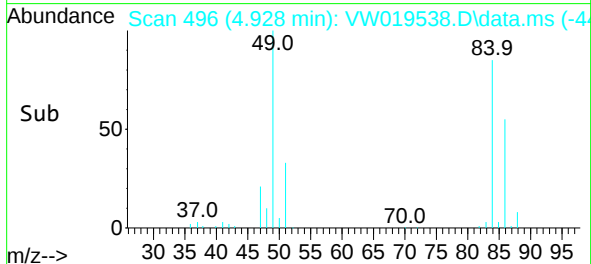
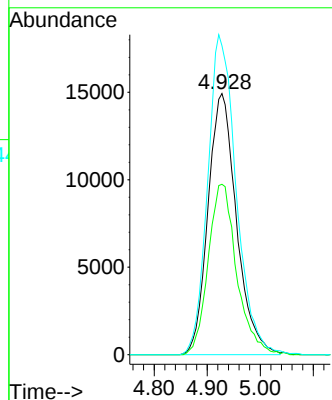
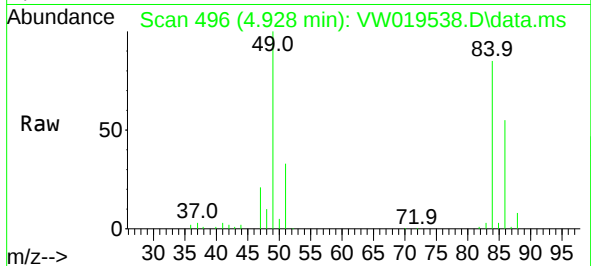




#16  
Methylene chloride  
Concen: 5.633 ug/L  
RT: 4.928 min Scan# 496  
Delta R.T. 0.006 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

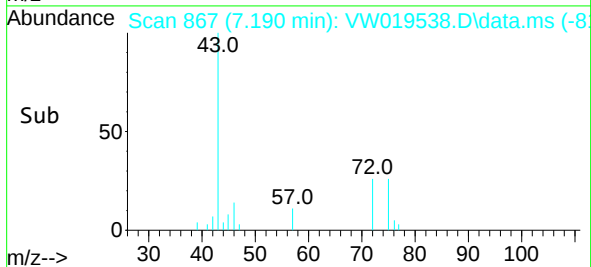
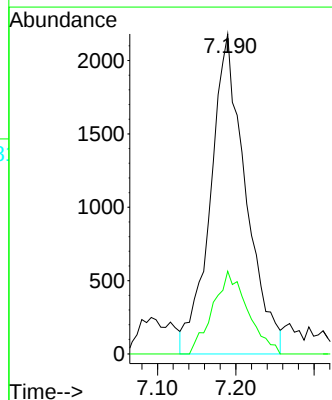
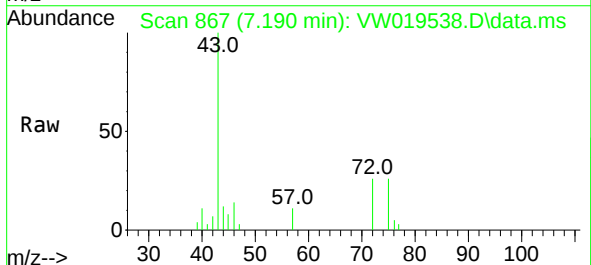
Instrument :  
MSVOA\_W  
ClientSampled :

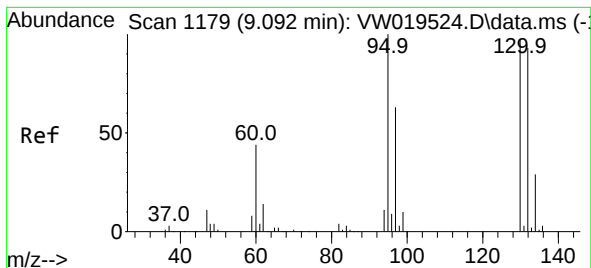
Tgt Ion: 84 Resp: 55812  
Ion Ratio Lower Upper  
84 100  
86 65.2 45.3 84.1  
49 118.3 86.6 160.8



#22  
2-Butanone  
Concen: 2.926 ug/L  
RT: 7.190 min Scan# 867  
Delta R.T. 0.012 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

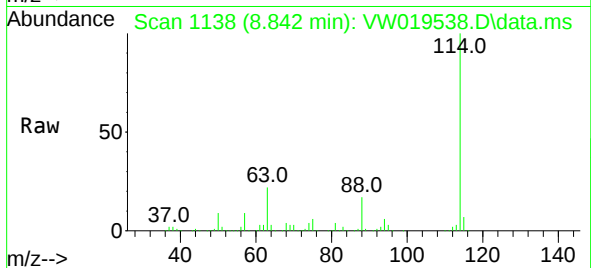
Tgt Ion: 43 Resp: 6819  
Ion Ratio Lower Upper  
43 100  
72 25.6 14.9 44.7



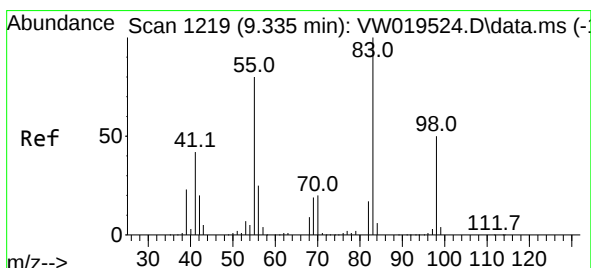
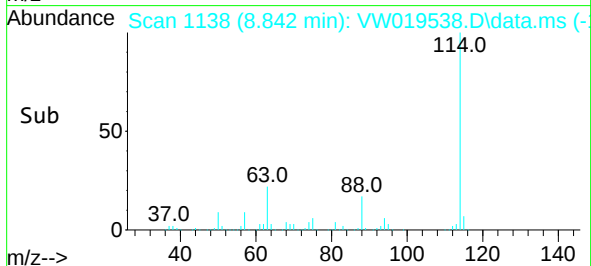
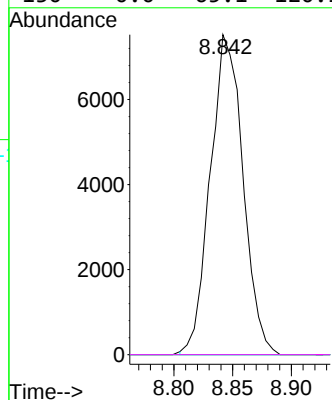


#34  
Trichloroethene  
Concen: 2.055 ug/L  
RT: 8.842 min Scan# 1138  
Delta R.T. -0.250 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

Instrument :  
MSVOA\_W  
ClientSampled :

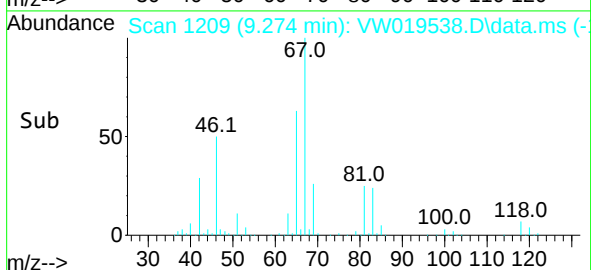
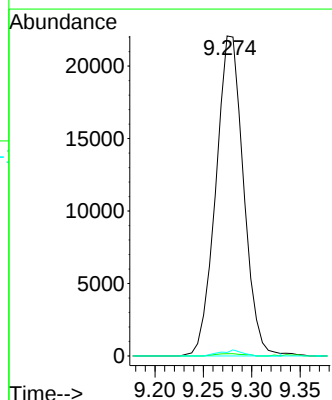
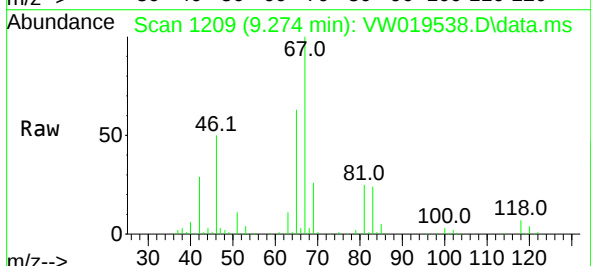


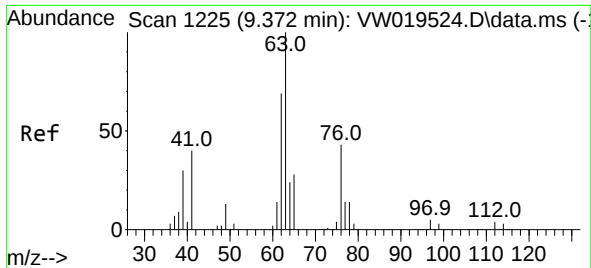
Tgt Ion: 95 Resp: 14573  
Ion Ratio Lower Upper  
95 100  
97 0.0 47.3 87.8#  
132 0.0 71.0 131.8#  
130 0.0 65.1 120.9#



#35  
Methylcyclohexane  
Concen: 3.493 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.061 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

Tgt Ion: 83 Resp: 43846  
Ion Ratio Lower Upper  
83 100  
55 0.8 58.9 88.3#  
98 1.5 40.1 60.1#

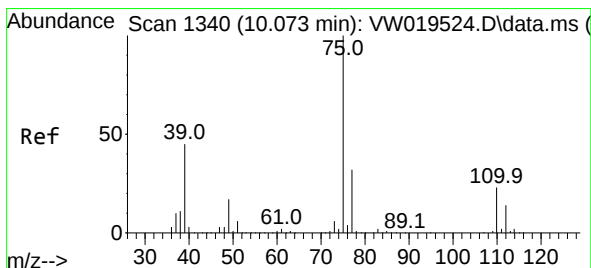
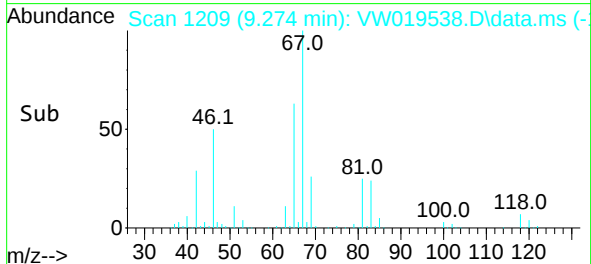
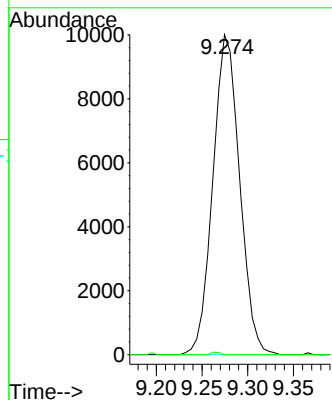
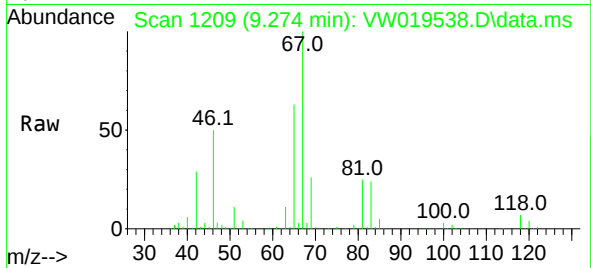




#37  
1,2-Dichloropropane  
Concen: 2.893 ug/L  
RT: 9.274 min Scan# 1209  
Delta R.T. -0.097 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

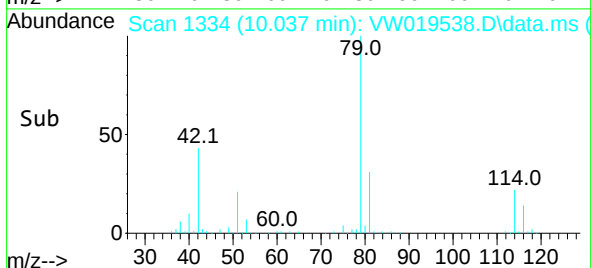
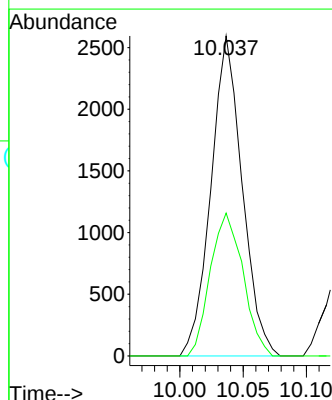
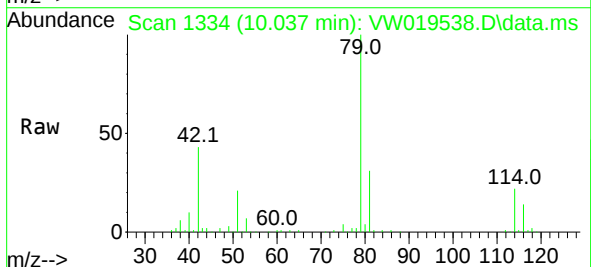
Instrument :  
MSVOA\_W  
ClientSampled :

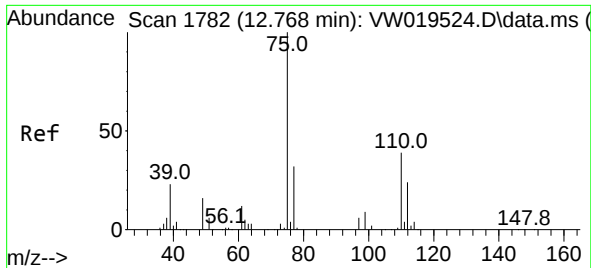
Tgt Ion: 63 Resp: 20377  
Ion Ratio Lower Upper  
63 100  
112 0.3 3.9 5.9#



#39  
cis-1,3-Dichloropropene  
Concen: 0.413 ug/L  
RT: 10.037 min Scan# 1334  
Delta R.T. -0.036 min  
Lab File: VW019538.D  
Acq: 21 Jul 2021 17:05

Tgt Ion: 75 Resp: 4452  
Ion Ratio Lower Upper  
75 100  
77 44.6 22.6 42.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 5.973 ug/L  
 RT: 13.554 min Scan# 1911  
 Delta R.T. 0.787 min  
 Lab File: VW019538.D  
 Acq: 21 Jul 2021 17:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 21684      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 31.7  | 25.3 37.9  |
| 110         | 2.3   | 32.6 48.8# |

