

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
 Data File : VV022014.D  
 Acq On : 30 Aug 2021 19:28  
 Operator : SY/MD  
 Sample : M3566-09  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 31 02:40:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 31 02:34:28 2021  
 Response via : Initial Calibration

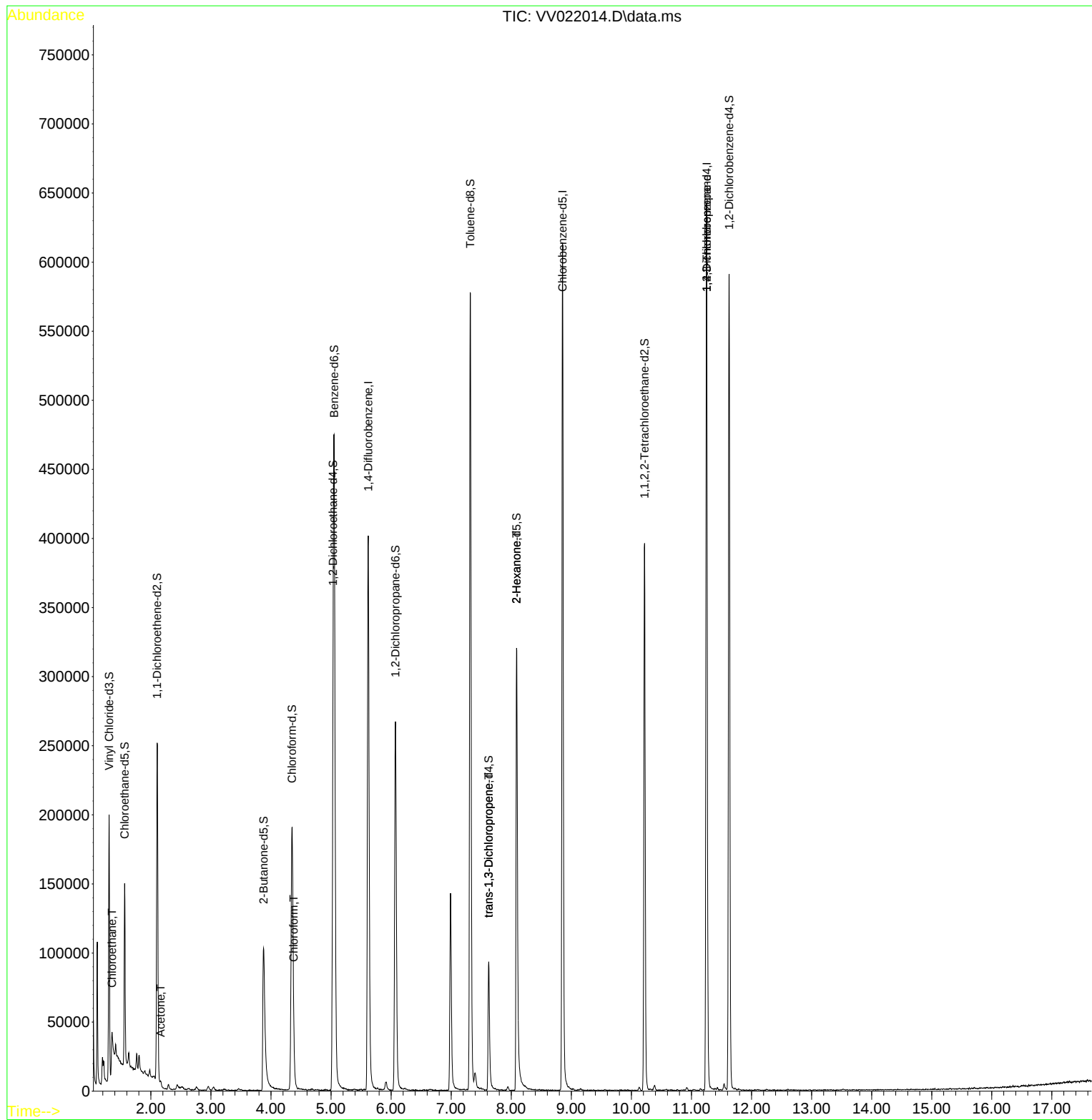
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114   | 364506   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 351621   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 175741   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 95204    | 37.716   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 75.440%  |
| 7) Chloroethane-d5            | 1.564   | 69    | 83873    | 42.548   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 85.100%  |
| 11) 1,1-Dichloroethene-d2     | 2.105   | 63    | 125601   | 30.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 60.180%  |
| 21) 2-Butanone-d5             | 3.876   | 46    | 168050   | 97.073   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.070%  |
| 24) Chloroform-d              | 4.349   | 84    | 202699   | 44.039   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.080%  |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65    | 126503   | 46.661   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.320%  |
| 32) Benzene-d6                | 5.053   | 84    | 426986   | 44.771   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.540%  |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67    | 135905   | 45.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 90.620%  |
| 41) Toluene-d8                | 7.317   | 98    | 392502   | 43.598   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 54285    | 38.027   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.060%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 111915   | 97.248   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 97.250%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84    | 191184   | 49.771   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.540%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 160866   | 46.562   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.120%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 8) Chloroethane               | 1.355   | 64    | 51852    | 30.996   | ug/L # | 51       |
| 13) Acetone                   | 2.163   | 43    | 3933     | 2.711    | ug/L # | 75       |
| 25) Chloroform                | 4.378   | 83    | 5752     | 1.200    | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 2507     | 0.658    | ug/L   | 95       |
| 48) 2-Hexanone                | 8.088   | 43    | 13305    | 4.770    | ug/L # | 68       |
| 61) 1,2,3-Trichloropropane    | 11.252  | 75    | 19412    | 6.373    | ug/L # | 64       |
| -----                         |         |       |          |          |        |          |

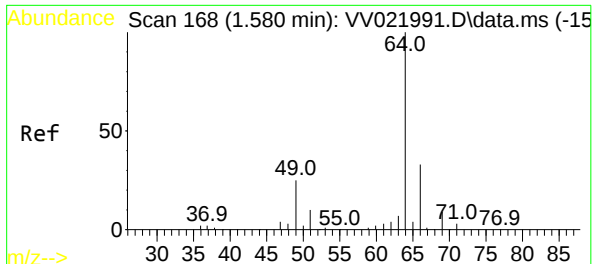
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083021\  
Data File : VV022014.D  
Acq On : 30 Aug 2021 19:28  
Operator : SY/MD  
Sample : M3566-09  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Aug 31 02:40:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Aug 31 02:34:28 2021  
Response via : Initial Calibration

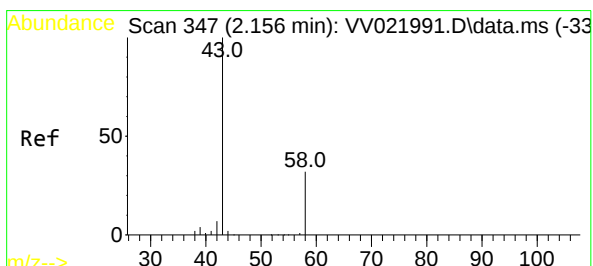
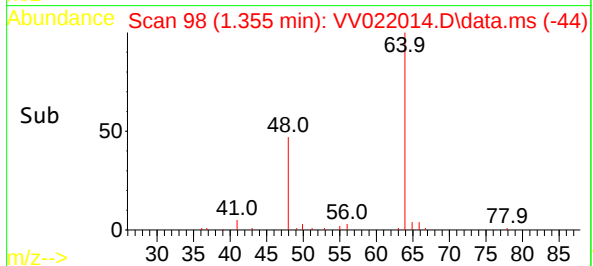
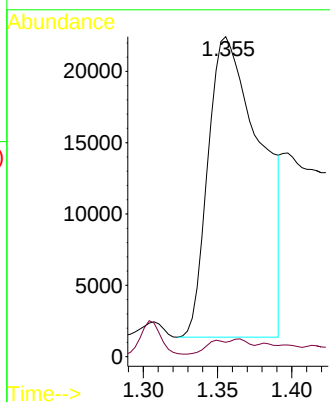
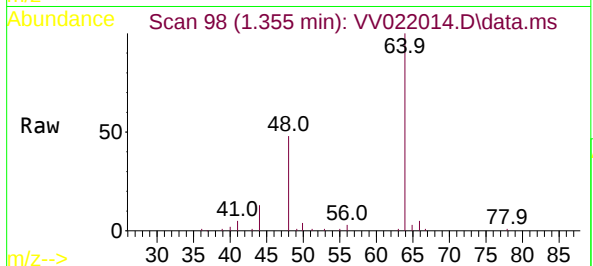




#8  
Chloroethane  
Concen: 30.996 ug/L  
RT: 1.355 min Scan# 98  
Delta R.T. -0.225 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

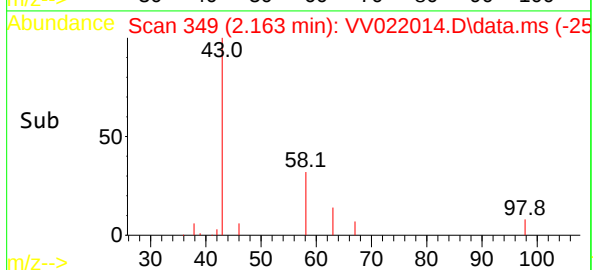
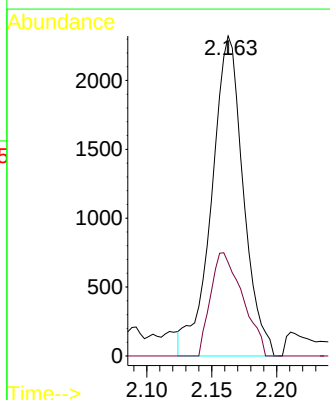
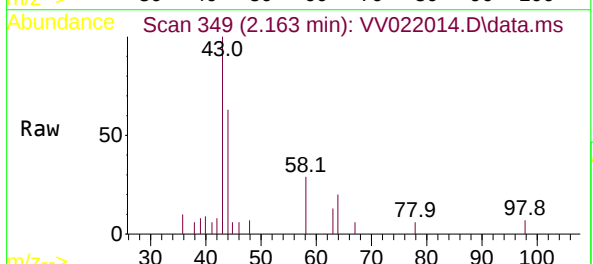
Instrument :  
MSVOA\_V  
ClientSampleId :

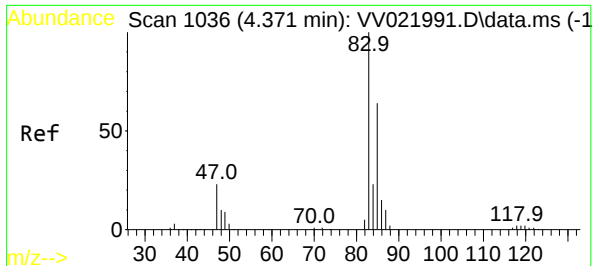
Tgt Ion: 64 Resp: 51852  
Ion Ratio Lower Upper  
64 100  
66 5.1 22.7 42.3#



#13  
Acetone  
Concen: 2.711 ug/L  
RT: 2.163 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

Tgt Ion: 43 Resp: 3933  
Ion Ratio Lower Upper  
43 100  
58 32.6 0.0 0.4#



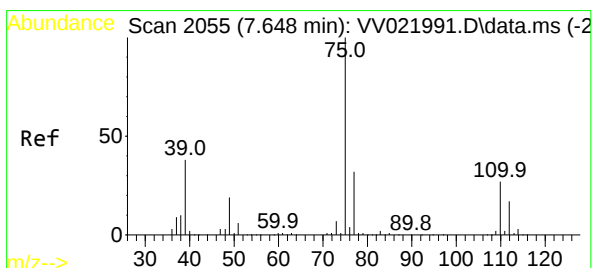
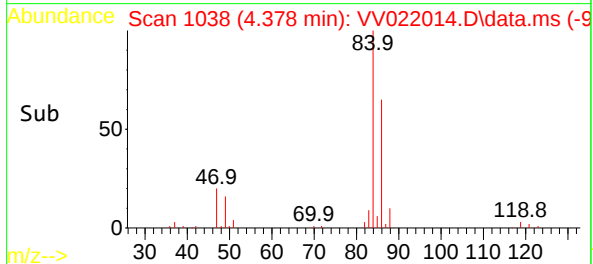
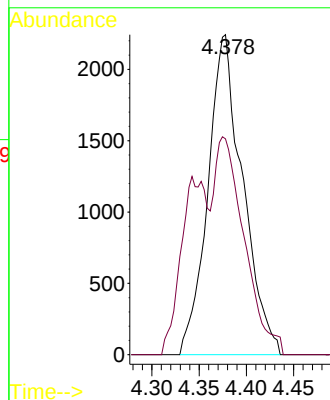
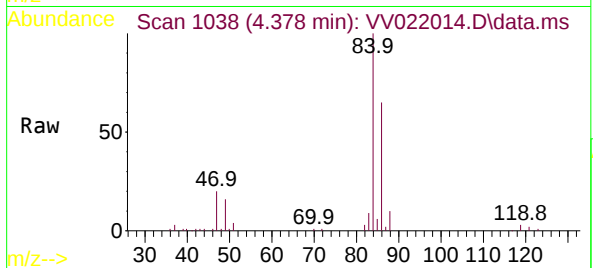


#25

Chloroform  
Concen: 1.200 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

Instrument :  
MSVOA\_V  
ClientSampled :

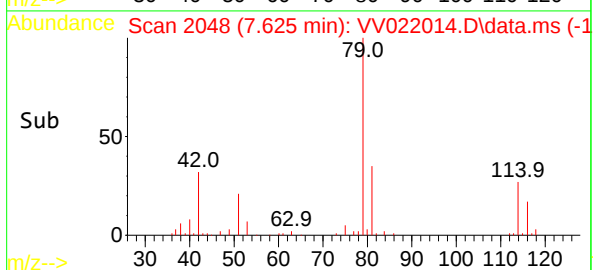
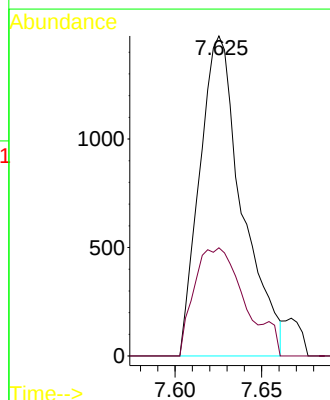
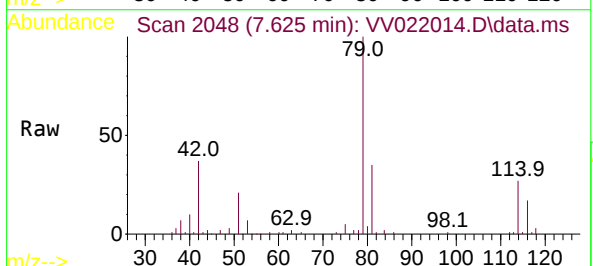
Tgt Ion: 83 Resp: 5752  
Ion Ratio Lower Upper  
83 100  
85 67.5 46.3 85.9

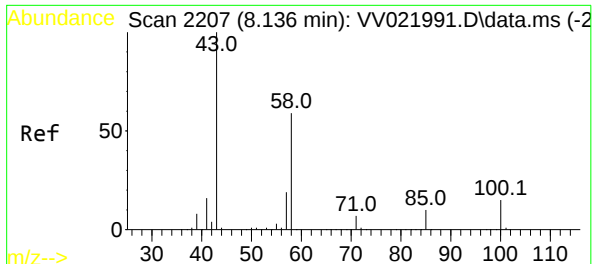


#44

trans-1,3-Dichloropropene  
Concen: 0.658 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.022 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

Tgt Ion: 75 Resp: 2507  
Ion Ratio Lower Upper  
75 100  
77 33.8 21.8 40.6

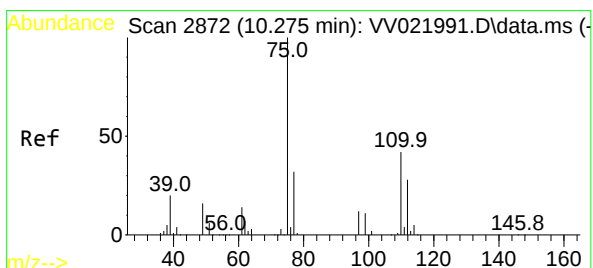
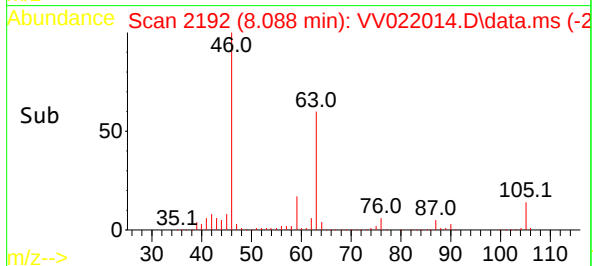
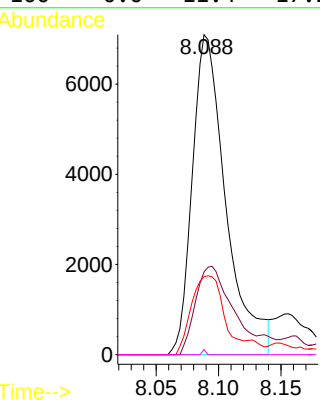
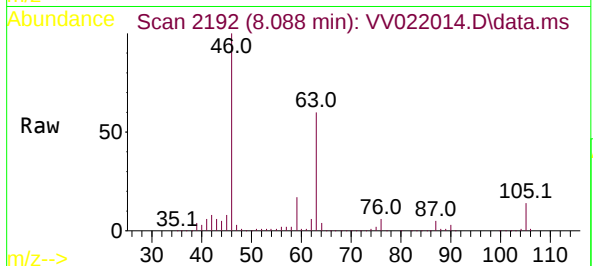




#48  
2-Hexanone  
Concen: 4.770 ug/L  
RT: 8.088 min Scan# 2192  
Delta R.T. -0.048 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

Instrument :  
MSVOA\_V  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 13305 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.2  | 47.5  | 71.3# |
| 57       | 24.0  | 15.9  | 23.9# |
| 100      | 0.0   | 11.4  | 17.2# |



#61  
1,2,3-Trichloropropane  
Concen: 6.373 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.978 min  
Lab File: VV022014.D  
Acq: 30 Aug 2021 19:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 19412 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.1  | 26.2  | 39.2  |
| 110      | 2.7   | 33.8  | 50.6# |

