

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062321\  
 Data File : VV021555.D  
 Acq On : 23 Jun 2021 14:02  
 Operator : SY/MD  
 Sample : M2808-01  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 24 02:33:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 24 02:30:34 2021  
 Response via : Initial Calibration

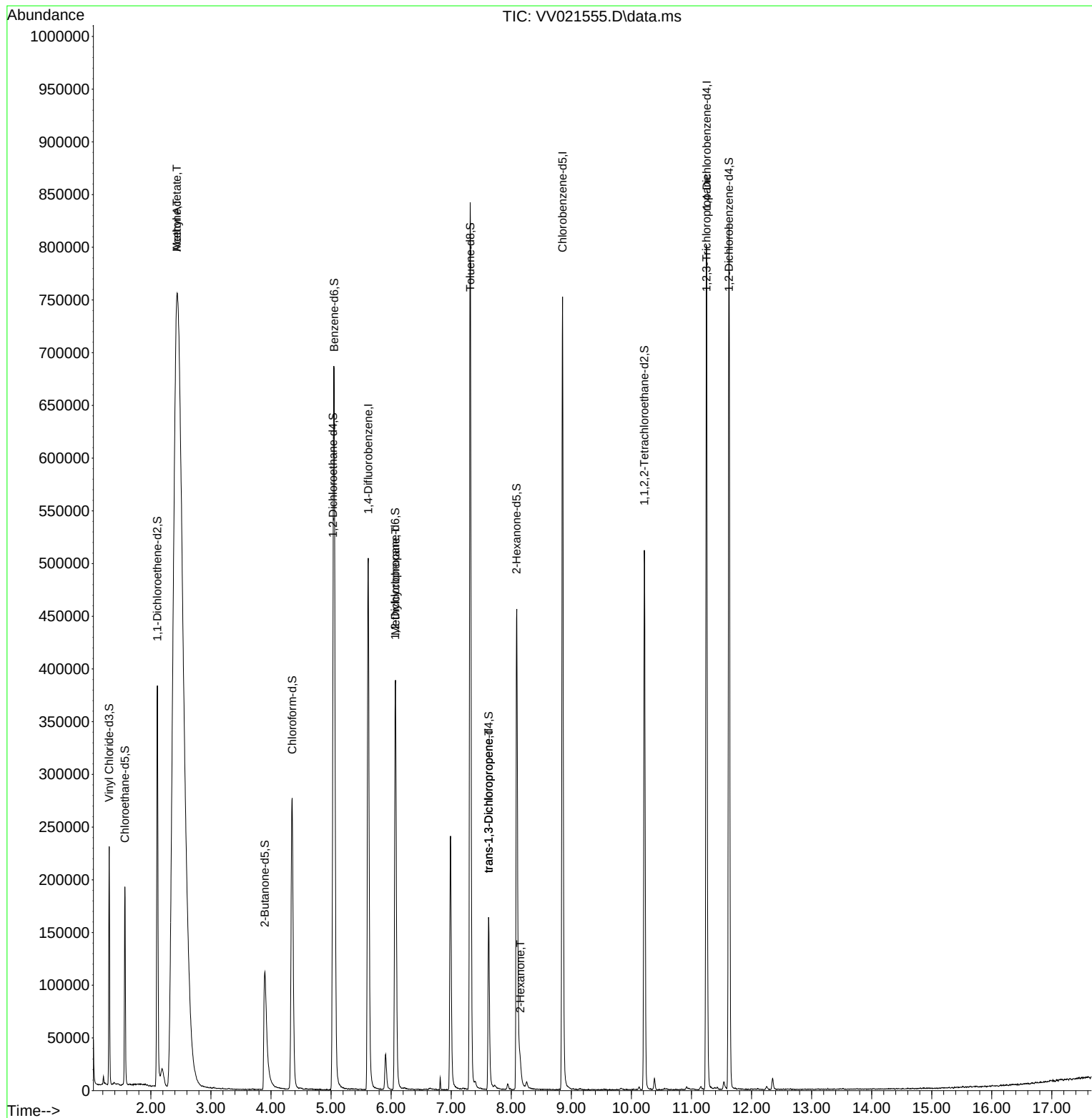
| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.619   | 114            | 454092   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117            | 424830   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152            | 213863   | 50.000  | ug/L     | 0.00     |
|                               |         |                |          |         |          |          |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 139756   | 46.746  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 93.500%  |          |
| 7) Chloroethane-d5            | 1.568   | 69             | 118943   | 53.482  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 106.960% |          |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 200254   | 39.199  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 78.400%  |          |
| 21) 2-Butanone-d5             | 3.899   | 46             | 249917   | 116.575 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 116.570% |          |
| 24) Chloroform-d              | 4.352   | 84             | 293952   | 49.392  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 98.780%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034   | 65             | 186166   | 54.309  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 108.620% |          |
| 32) Benzene-d6                | 5.053   | 84             | 610309   | 51.353  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 102.700% |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 197383   | 53.780  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 107.560% |          |
| 41) Toluene-d8                | 7.317   | 98             | 560109   | 49.467  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 98.940%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 97587    | 49.684  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 99.360%  |          |
| 47) 2-Hexanone-d5             | 8.088   | 63             | 167303   | 99.273  | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 99.270%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217  | 84             | 250748   | 49.218  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 98.440%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625  | 152            | 219799   | 49.441  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 98.880%  |          |
|                               |         |                |          |         |          |          |
| Target Compounds              |         |                |          |         | Qvalue   |          |
| 13) Acetone                   | 2.433   | 43             | 417291   | 226.224 | ug/L     | 100      |
| 15) Methyl Acetate            | 2.433   | 43             | 417291   | 132.031 | ug/L #   | 50       |
| 35) Methylcyclohexane         | 6.072   | 83             | 45608    | 8.596   | ug/L #   | 20       |
| 44) trans-1,3-Dichloropropene | 7.622   | 75             | 4182     | 0.848   | ug/L     | 96       |
| 48) 2-Hexanone                | 8.149   | 43             | 14272    | 4.427   | ug/L #   | 87       |
| 61) 1,2,3-Trichloropropane    | 11.249  | 75             | 22963    | 6.834   | ug/L #   | 63       |
| -----                         |         |                |          |         |          |          |

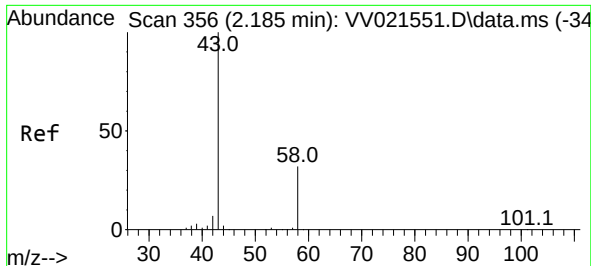
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Jun 24 02:33:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 24 02:30:34 2021  
Response via : Initial Calibration

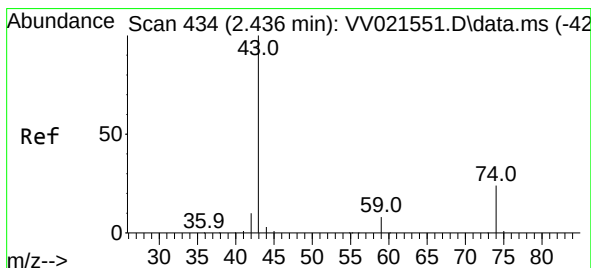
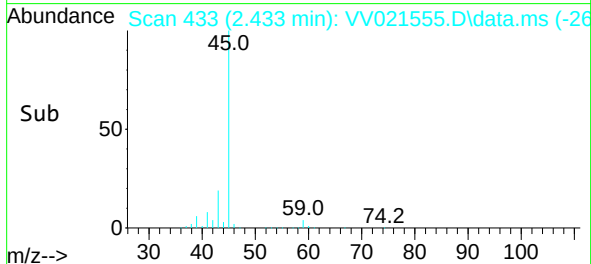
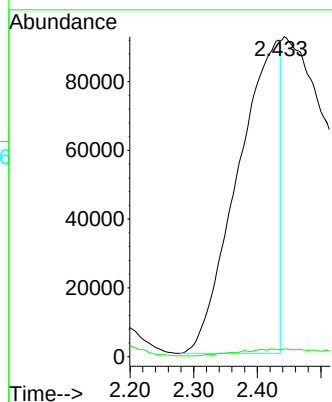
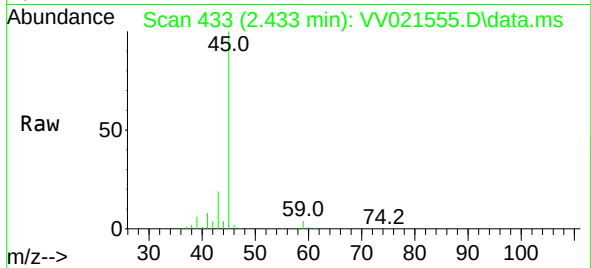




#13  
Acetone  
Concen: 226.224 ug/L  
RT: 2.433 min Scan# 433  
Delta R.T. 0.248 min  
Lab File: VV021555.D  
Acq: 23 Jun 2021 14:02

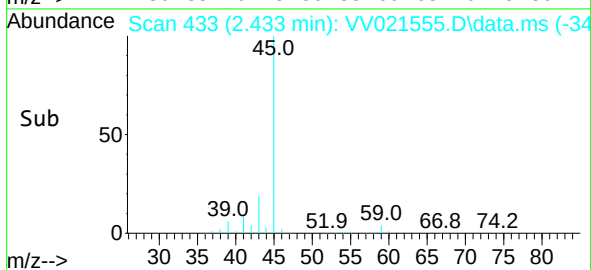
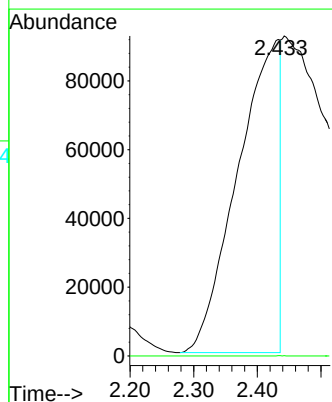
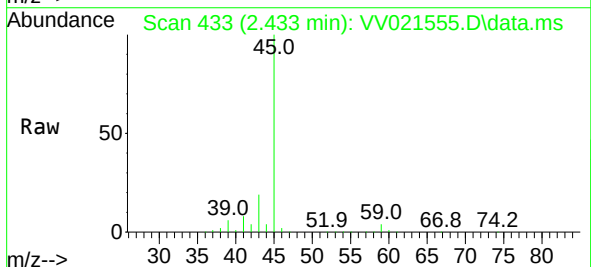
Instrument :  
MSVOA\_V  
ClientSampled :

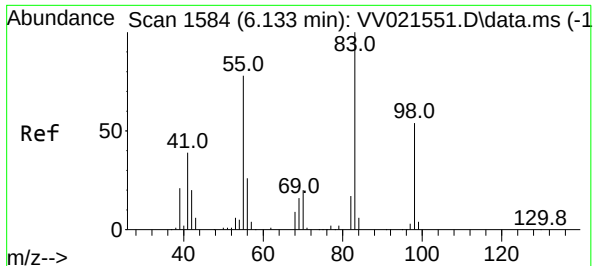
Tgt Ion: 43 Resp: 417291  
Ion Ratio Lower Upper  
43 100  
58 0.1 0.0 0.2



#15  
Methyl Acetate  
Concen: 132.031 ug/L  
RT: 2.433 min Scan# 433  
Delta R.T. -0.003 min  
Lab File: VV021555.D  
Acq: 23 Jun 2021 14:02

Tgt Ion: 43 Resp: 417291  
Ion Ratio Lower Upper  
43 100  
74 0.0 20.4 30.6#





#35

Methylcyclohexane

Concen: 8.596 ug/L

RT: 6.072 min Scan# 1565

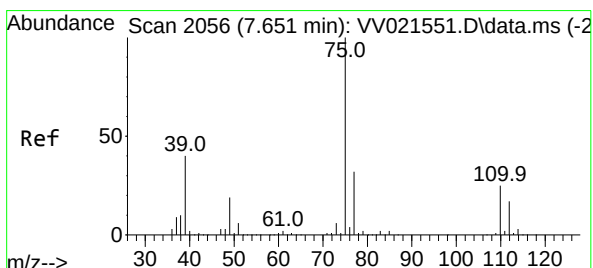
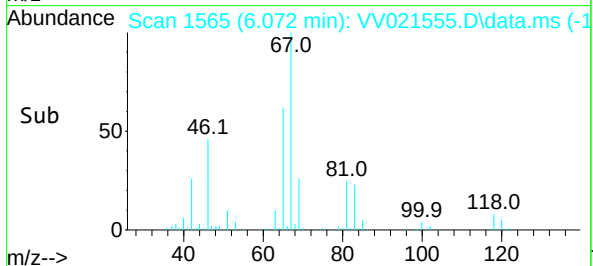
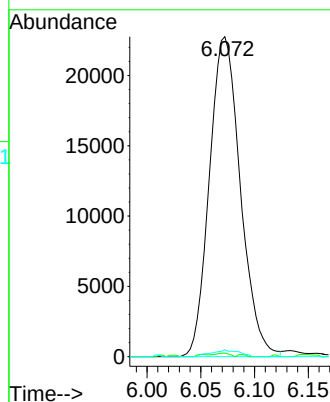
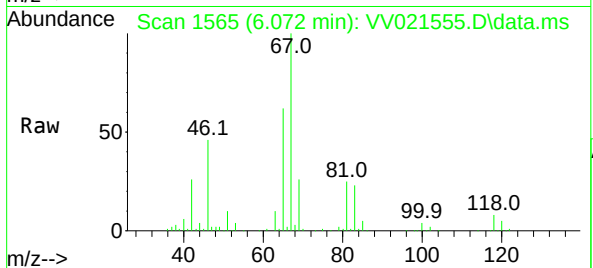
Delta R.T. -0.061 min

Lab File: VV021555.D

Acq: 23 Jun 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 45608 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.6   | 58.0  | 87.0# |
| 98       | 1.3   | 40.8  | 61.2# |

Instrument :  
MSVOA\_V  
ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 0.848 ug/L

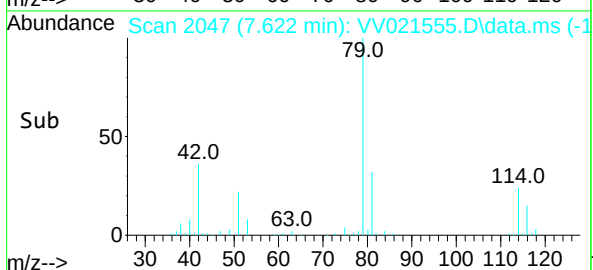
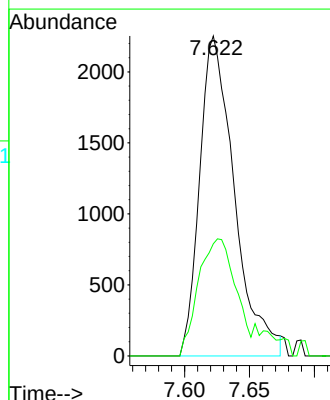
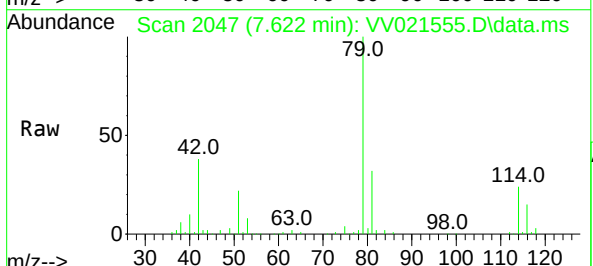
RT: 7.622 min Scan# 2047

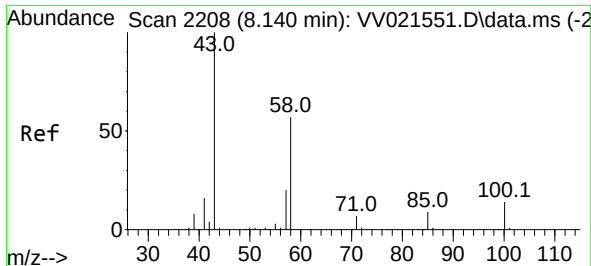
Delta R.T. -0.029 min

Lab File: VV021555.D

Acq: 23 Jun 2021 14:02

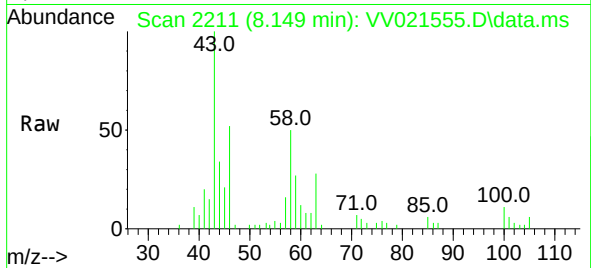
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 4182  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 35.0  | 22.9  | 42.5  |



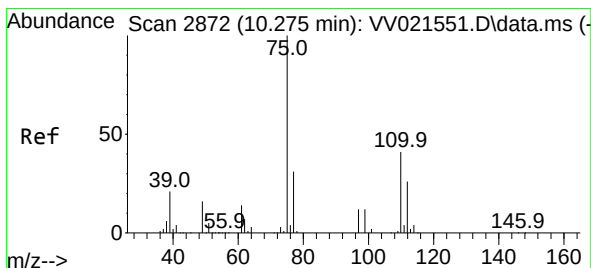
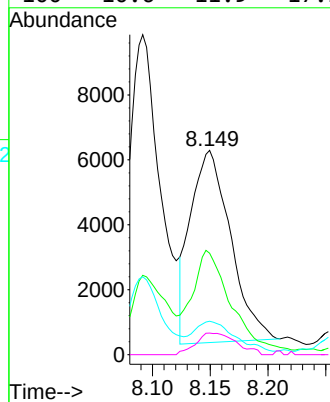
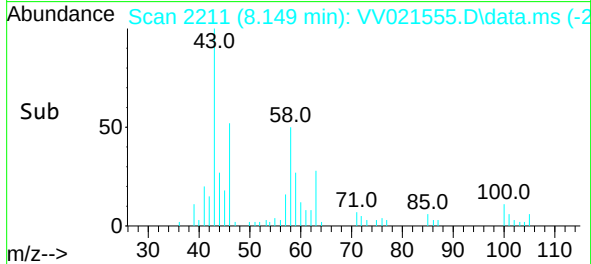


#48  
2-Hexanone  
Concen: 4.427 ug/L  
RT: 8.149 min Scan# 2211  
Delta R.T. 0.010 min  
Lab File: VV021555.D  
Acq: 23 Jun 2021 14:02

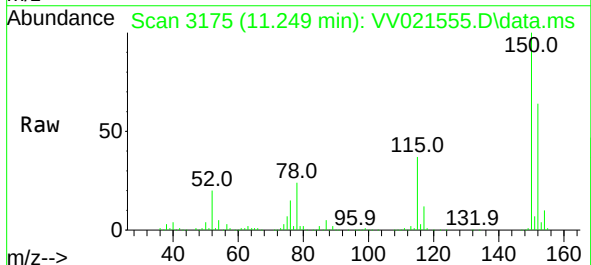
Instrument :  
MSVOA\_V  
ClientSampled :



Tgt Ion: 43 Resp: 14272  
Ion Ratio Lower Upper  
43 100  
58 50.1 47.1 70.7  
57 11.2 16.0 24.0#  
100 10.6 11.9 17.9#



#61  
1,2,3-Trichloropropane  
Concen: 6.834 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV021555.D  
Acq: 23 Jun 2021 14:02



Tgt Ion: 75 Resp: 22963  
Ion Ratio Lower Upper  
75 100  
77 32.1 25.9 38.9  
110 2.8 34.8 52.2#

