

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112122\  
 Data File : VU052028.D  
 Acq On : 22 Nov 2022 06:11  
 Operator : JC/MD  
 Sample : N5658-10ME  
 Misc : 2.01g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 22 07:20:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 22 03:27:10 2022  
 Response via : Initial Calibration

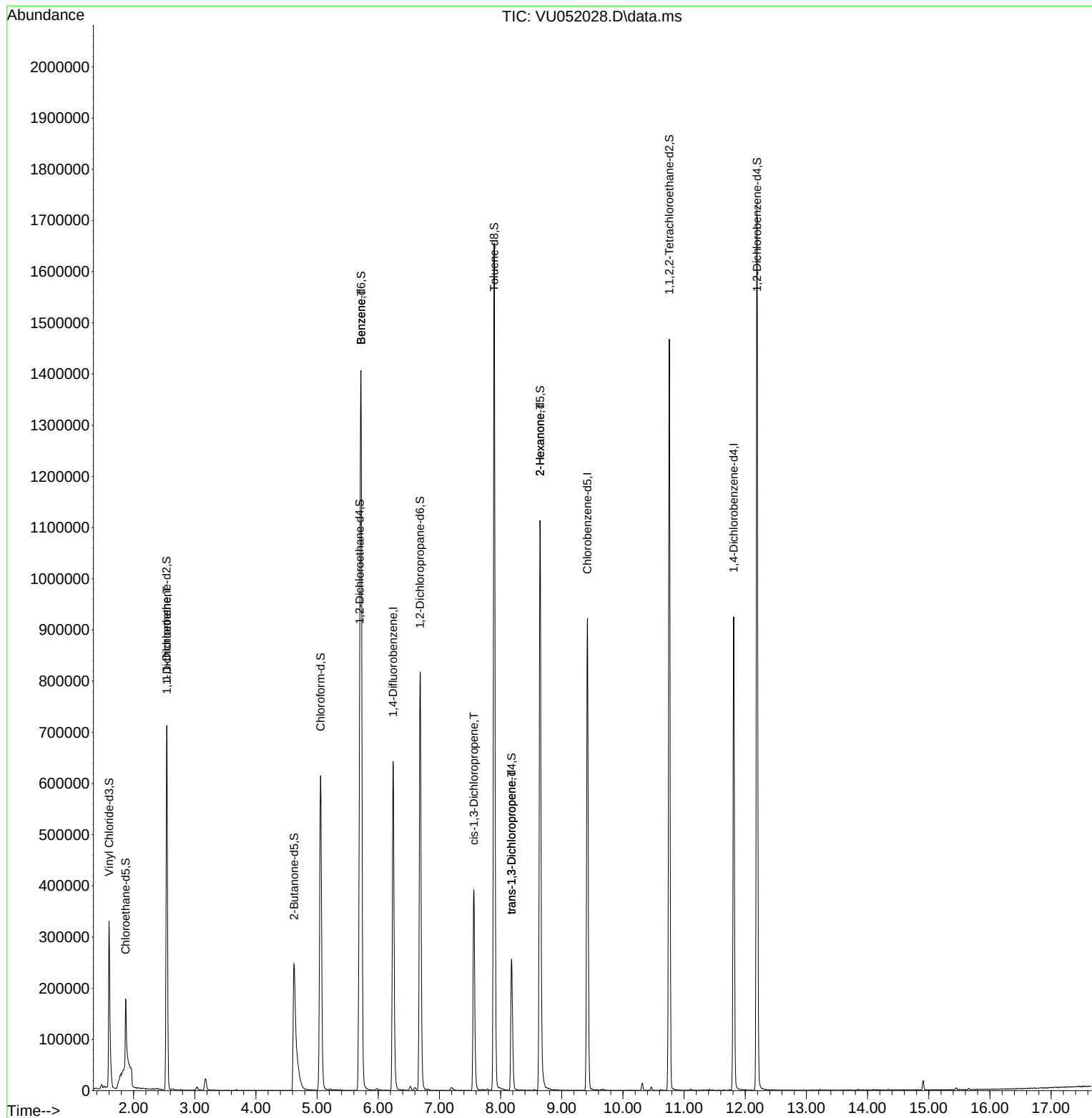
| Compound                      | R.T.    | QIon           | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|---------|----------------|----------|-------------|--------|----------|
| -----                         |         |                |          |             |        |          |
| Internal Standards            |         |                |          |             |        |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114            | 558380   | 50.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117            | 574101   | 50.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152            | 254077   | 50.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |         |                |          |             |        |          |
| 4) Vinyl Chloride-d3          | 1.601   | 65             | 324665   | 67.097      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | = 134.200%  |        |          |
| 7) Chloroethane-d5            | 1.871   | 69             | 113029   | 29.495      | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | = 59.000%#  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.543   | 63             | 416921   | 58.128      | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | = 116.260%  |        |          |
| 21) 2-Butanone-d5             | 4.623   | 46             | 511825   | 176.022     | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | = 176.020%# |        |          |
| 24) Chloroform-d              | 5.057   | 84             | 606058   | 76.445      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 152.900%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65             | 376835   | 79.031      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 158.060%# |        |          |
| 32) Benzene-d6                | 5.719   | 84             | 1304518  | 76.234      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | = 152.460%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67             | 423689   | 77.070      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | = 154.140%# |        |          |
| 41) Toluene-d8                | 7.896   | 98             | 1184356  | 77.464      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | = 154.920%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179   | 79             | 178291   | 76.185      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | = 152.360%# |        |          |
| 47) 2-Hexanone-d5             | 8.645   | 63             | 442595   | 206.386     | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | = 206.390%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84             | 737022   | 84.742      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | = 169.480%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192  | 152            | 463485   | 88.213      | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | = 176.420%# |        |          |
| Target Compounds              |         |                |          |             |        |          |
|                               |         |                |          |             | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.546   | 96             | 3164     | 0.979       | ug/L # | 1        |
| 33) Benzene                   | 5.719   | 78             | 9498     | 0.558       | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.562   | 75             | 10245    | 1.595       | ug/L # | 73       |
| 44) trans-1,3-Dichloropropene | 8.179   | 75             | 7834     | 1.304       | ug/L   | 93       |
| 48) 2-Hexanone                | 8.645   | 43             | 47476    | 9.494       | ug/L # | 71       |
| -----                         |         |                |          |             |        |          |

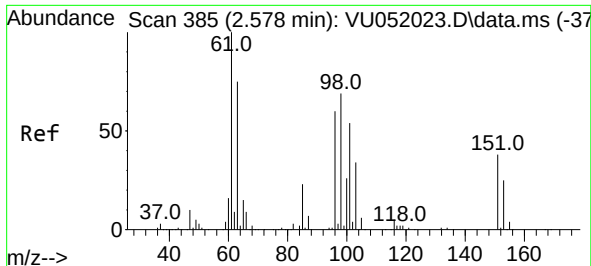
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

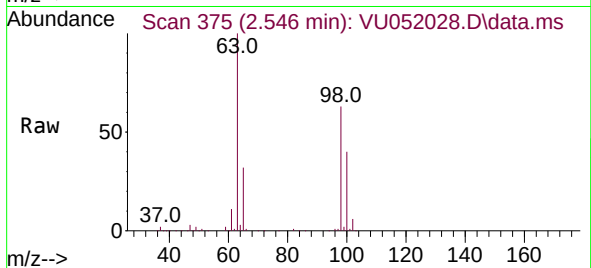
Quant Time: Nov 22 07:20:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM112122WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Nov 22 03:27:10 2022  
Response via : Initial Calibration



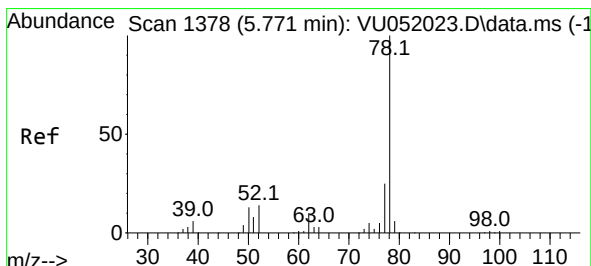
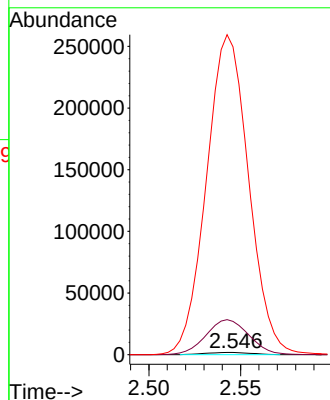
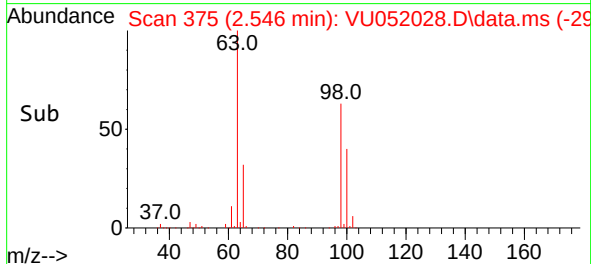


#12  
1,1-Dichloroethene  
Concen: 0.979 ug/L  
RT: 2.546 min Scan# 31  
Delta R.T. -0.032 min  
Lab File: VU052028.D  
Acq: 22 Nov 2022 06:11

Instrument :  
MSVOA\_U  
ClientSampleId :

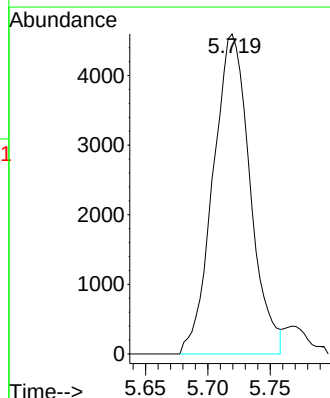
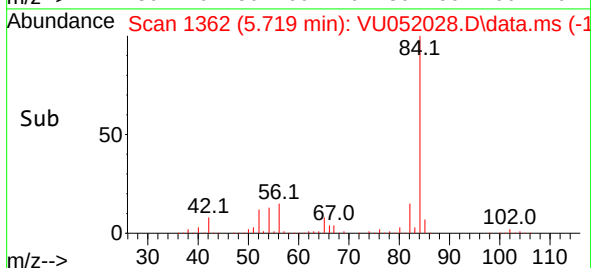
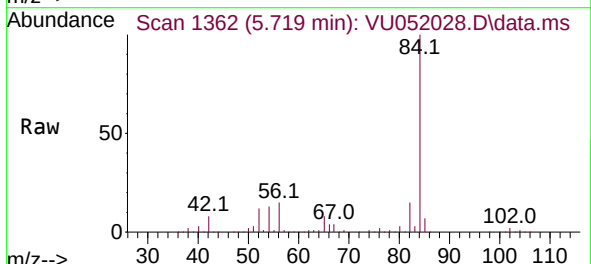


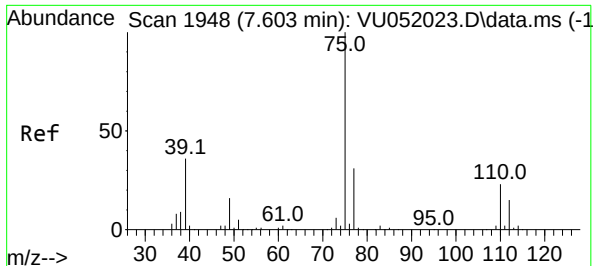
Tgt Ion: 96 Resp: 3164  
Ion Ratio Lower Upper  
96 100  
61 1485.0 114.2 212.0#  
63 13699.2 90.9 168.7#



#33  
Benzene  
Concen: 0.558 ug/L  
RT: 5.719 min Scan# 1362  
Delta R.T. -0.051 min  
Lab File: VU052028.D  
Acq: 22 Nov 2022 06:11

Tgt Ion: 78 Resp: 9498





#39

cis-1,3-Dichloropropene

Concen: 1.595 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU052028.D

Acq: 22 Nov 2022 06:11

Instrument :

MSVOA\_U

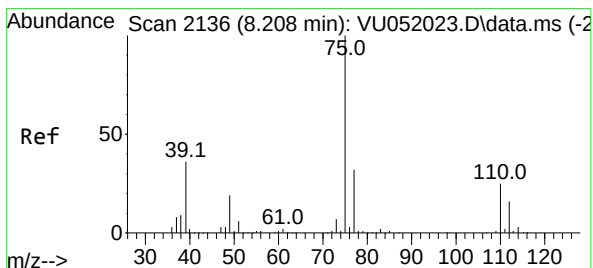
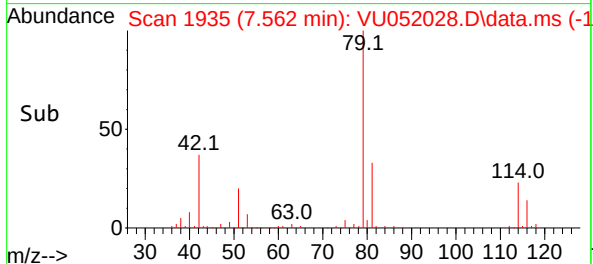
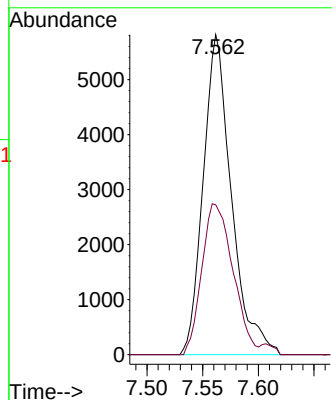
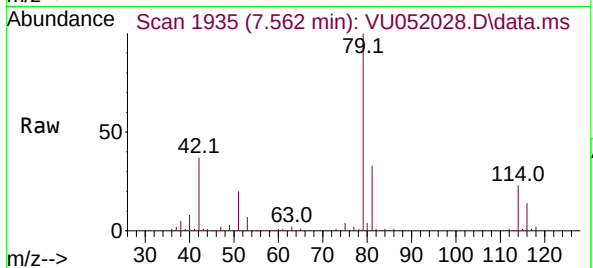
ClientSampleId :

Tgt Ion: 75 Resp: 10245

Ion Ratio Lower Upper

75 100

77 46.9 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 1.304 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU052028.D

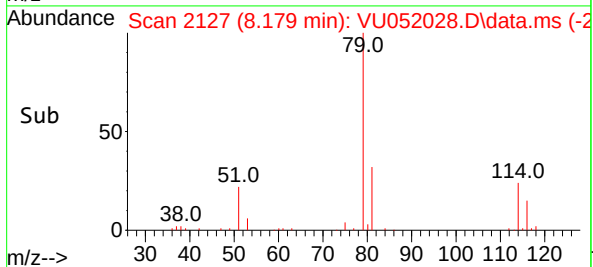
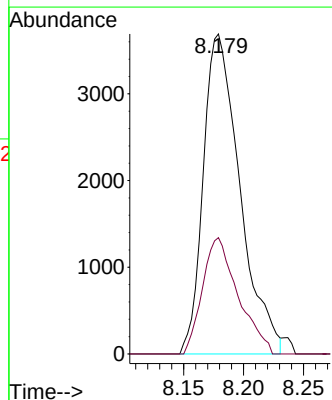
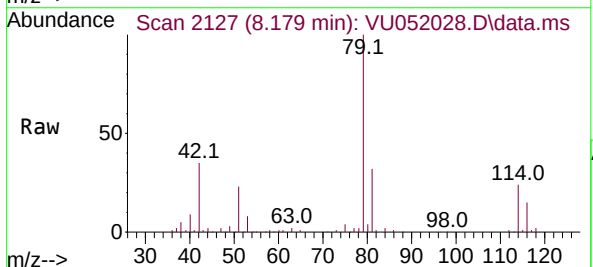
Acq: 22 Nov 2022 06:11

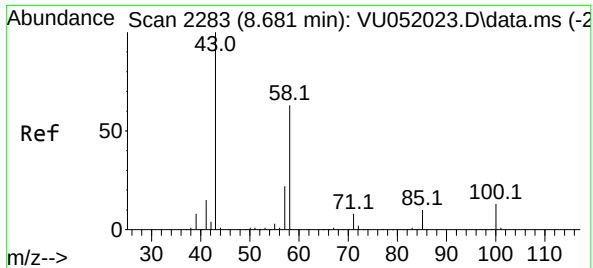
Tgt Ion: 75 Resp: 7834

Ion Ratio Lower Upper

75 100

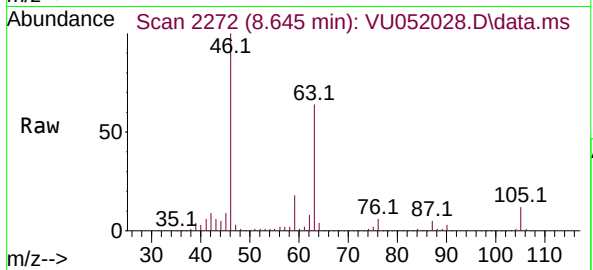
77 36.4 22.7 42.1





#48  
 2-Hexanone  
 Concen: 9.494 ug/L  
 RT: 8.645 min Scan# 21  
 Delta R.T. -0.035 min  
 Lab File: VU052028.D  
 Acq: 22 Nov 2022 06:11

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 47476 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 38.7     | 49.6 74.4#  |
| 57 31.5     | 16.8 25.2#  |
| 100 0.6     | 10.2 15.4#  |

