

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082321\  
 Data File : VV021935.D  
 Acq On : 23 Aug 2021 16:59  
 Operator : SY/MD  
 Sample : M3486-06ME  
 Misc : 5.27g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AR5ME

Quant Time: Aug 24 02:29:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 24 02:24:25 2021  
 Response via : Initial Calibration

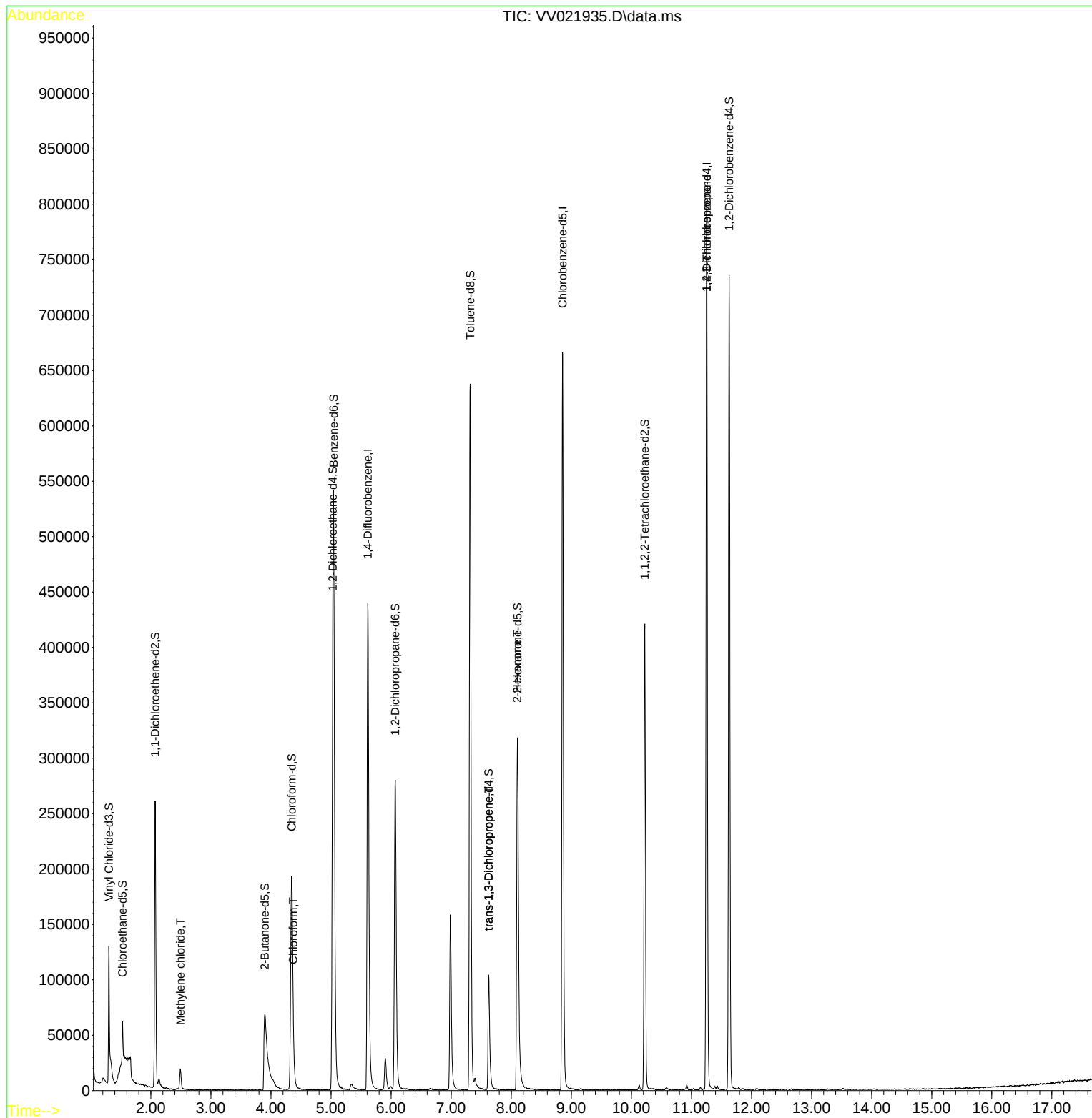
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114   | 416173   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854   | 117   | 408820   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255  | 152   | 219860   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 116166   | 35.705   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.420%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 26228    | 10.683   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 21.360%# |
| 11) 1,1-Dichloroethene-d2     | 2.072   | 63    | 130298   | 25.160   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 50.320%# |
| 21) 2-Butanone-d5             | 3.896   | 46    | 132070   | 65.269   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 65.270%  |
| 24) Chloroform-d              | 4.346   | 84    | 214757   | 38.099   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 76.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 142402   | 43.919   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.840%  |
| 32) Benzene-d6                | 5.043   | 84    | 476127   | 40.500   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 151365   | 41.345   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 82.700%  |
| 41) Toluene-d8                | 7.317   | 98    | 443505   | 40.815   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.640%  |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 68505    | 38.021   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 76.040%  |
| 47) 2-Hexanone-d5             | 8.104   | 63    | 128526   | 107.115  | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.110% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223  | 84    | 206015   | 45.410   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.820%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 199837   | 43.920   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.840%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 2.494   | 84    | 8546     | 2.497    | ug/L   | 94       |
| 25) Chloroform                | 4.371   | 83    | 8904     | 1.610    | ug/L   | 86       |
| 44) trans-1,3-Dichloropropene | 7.625   | 75    | 3135     | 0.659    | ug/L   | 85       |
| 48) 2-Hexanone                | 8.101   | 43    | 14800    | 4.360    | ug/L # | 78       |
| 61) 1,2,3-Trichloropropane    | 11.255  | 75    | 24058    | 5.921    | ug/L # | 65       |
| -----                         |         |       |          |          |        |          |

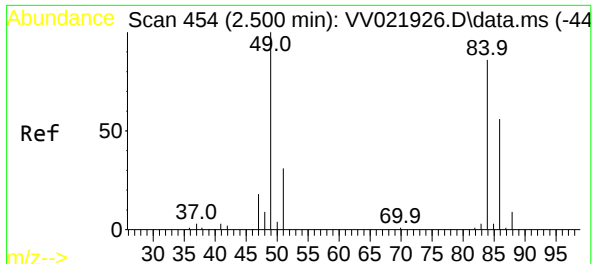
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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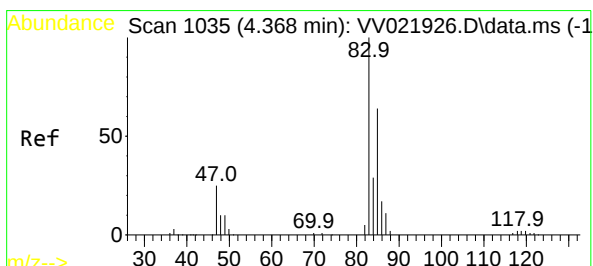
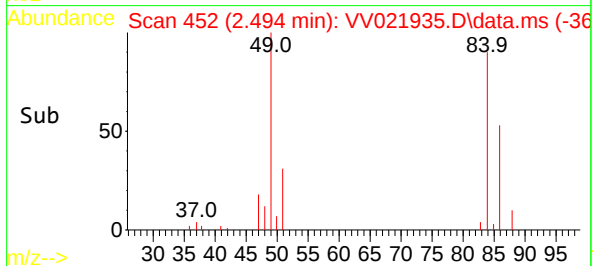
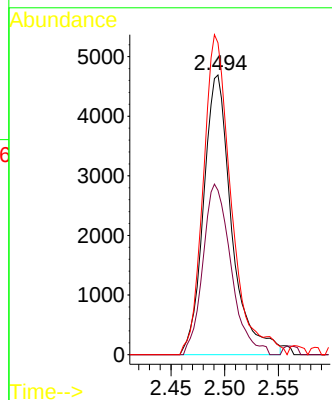
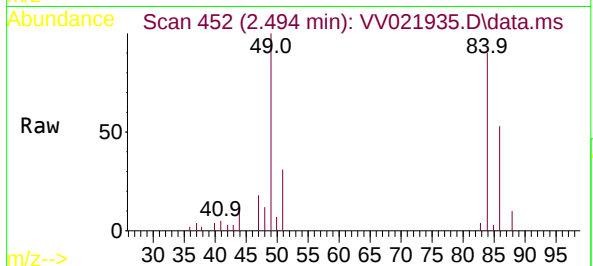




#16  
Methylene chloride  
Concen: 2.497 ug/L  
RT: 2.494 min Scan# 452  
Delta R.T. -0.006 min  
Lab File: VV021935.D  
Acq: 23 Aug 2021 16:59

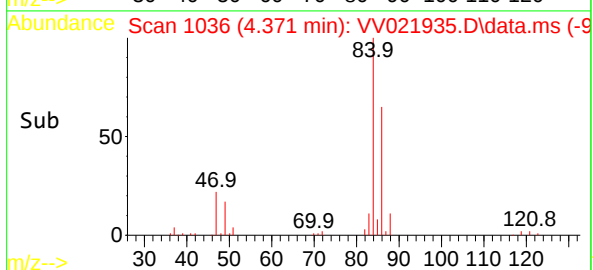
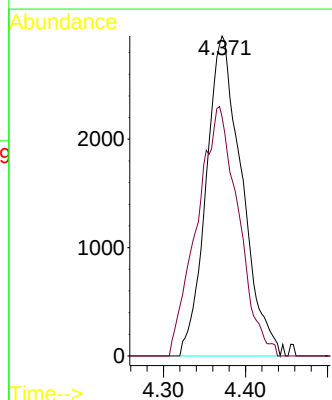
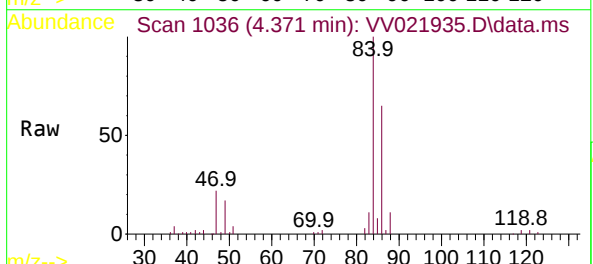
Instrument :  
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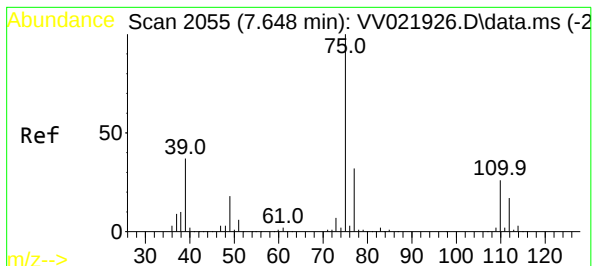
Tgt Ion: 84 Resp: 8546  
Ion Ratio Lower Upper  
84 100  
86 58.8 44.7 83.1  
49 111.5 82.5 153.3



#25  
Chloroform  
Concen: 1.610 ug/L  
RT: 4.371 min Scan# 1036  
Delta R.T. 0.003 min  
Lab File: VV021935.D  
Acq: 23 Aug 2021 16:59

Tgt Ion: 83 Resp: 8904  
Ion Ratio Lower Upper  
83 100  
85 74.6 44.8 83.2



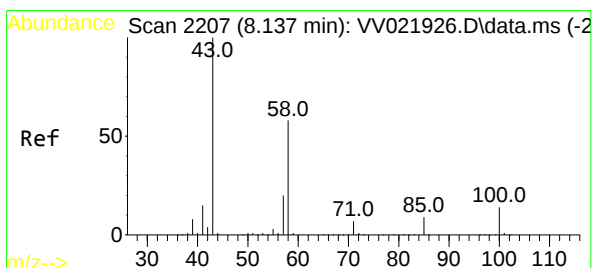
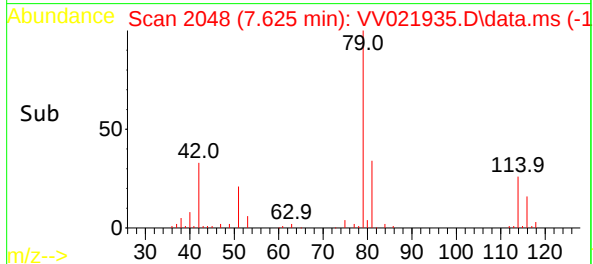
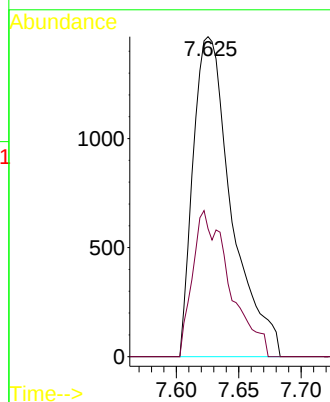
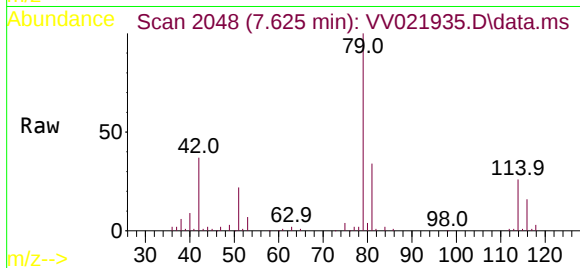


#44

trans-1,3-Dichloropropene  
Concen: 0.659 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.023 min  
Lab File: VV021935.D  
Acq: 23 Aug 2021 16:59

Instrument :  
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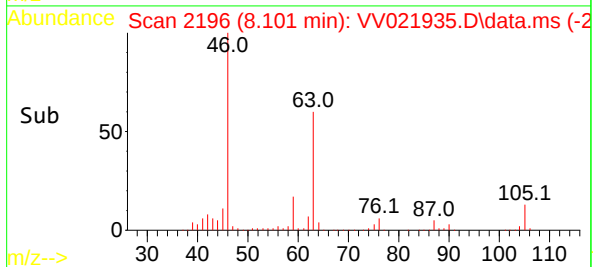
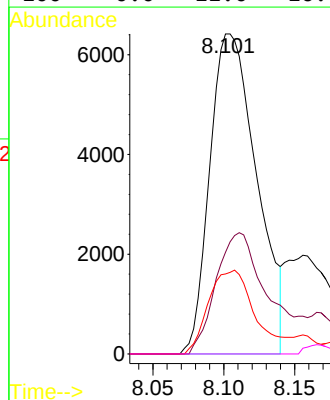
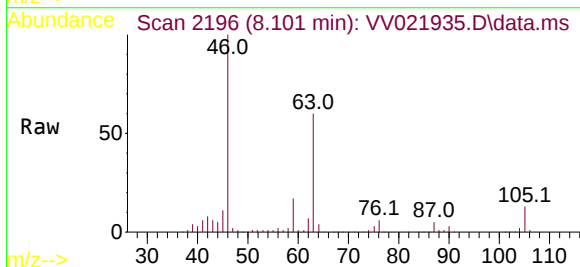
Tgt Ion: 75 Resp: 3135  
Ion Ratio Lower Upper  
75 100  
77 40.0 22.2 41.2

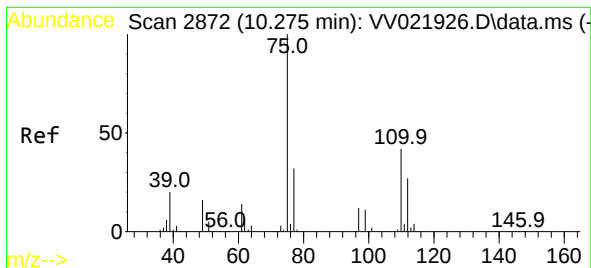


#48

2-Hexanone  
Concen: 4.360 ug/L  
RT: 8.101 min Scan# 2196  
Delta R.T. -0.035 min  
Lab File: VV021935.D  
Acq: 23 Aug 2021 16:59

Tgt Ion: 43 Resp: 14800  
Ion Ratio Lower Upper  
43 100  
58 40.6 45.4 68.2#  
57 26.1 15.3 22.9#  
100 0.0 11.0 16.6#





#61  
1,2,3-Trichloropropane  
Concen: 5.921 ug/L  
RT: 11.255 min Scan# 3177  
Delta R.T. 0.981 min  
Lab File: VV021935.D  
Acq: 23 Aug 2021 16:59

Instrument :  
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ClientSampleId :  
C0AR5ME

Tgt Ion: 75 Resp: 24058  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.5 38.3  
110 3.1 33.4 50.2#

