

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082321\  
 Data File : VV021934.D  
 Acq On : 23 Aug 2021 16:35  
 Operator : SY/MD  
 Sample : M3486-05ME  
 Misc : 4.39g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB8ME

Quant Time: Aug 24 02:29:42 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

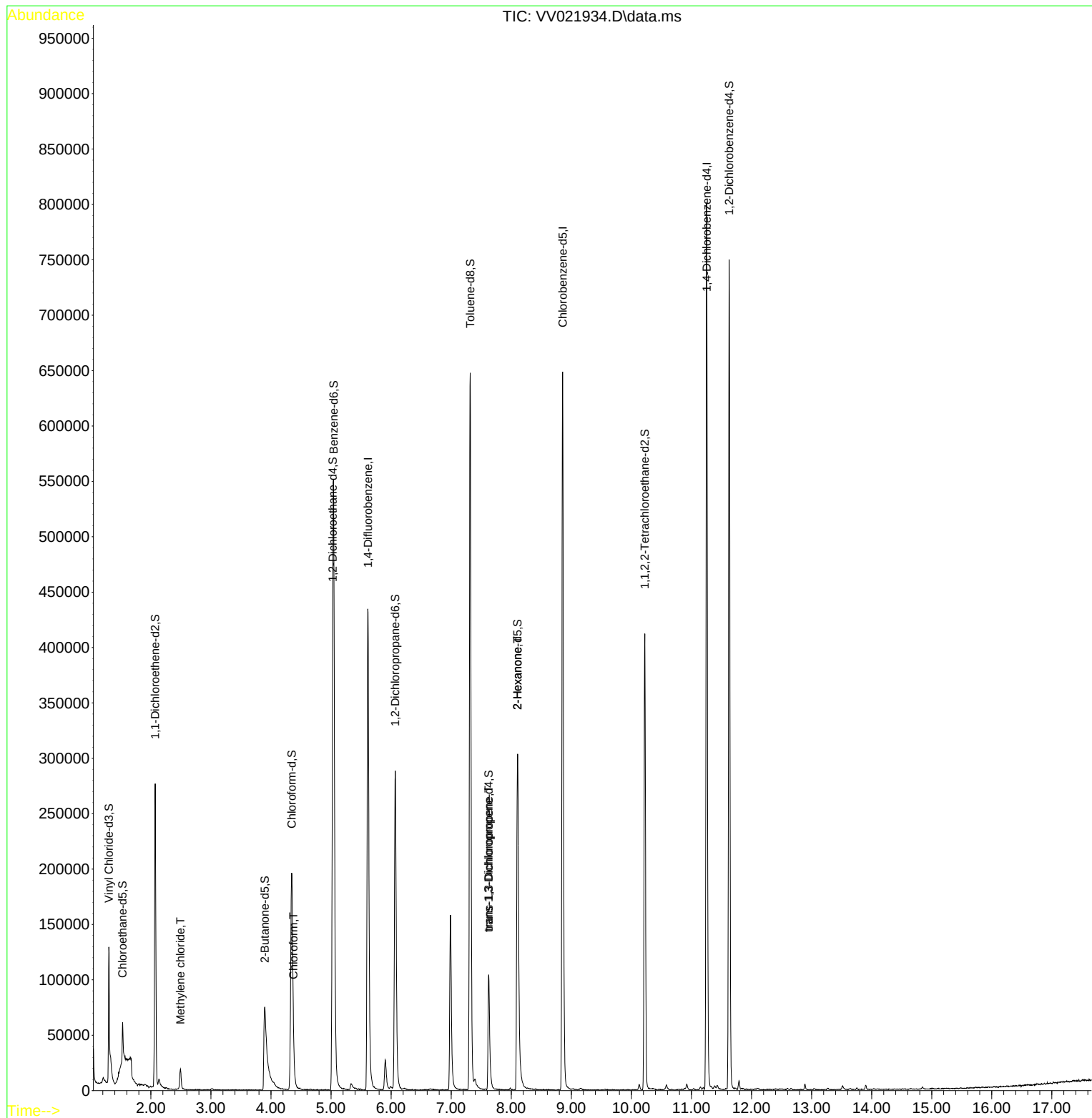
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.616          | 114  | 414493     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 402233     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 219013     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 115163     | 35.540   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.080%  |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 27064      | 11.068   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 22.140%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.072          | 63   | 138244     | 26.802   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 53.600%# |        |          |
| 21) 2-Butanone-d5             | 3.895          | 46   | 149712     | 74.288   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 74.290%  |        |          |
| 24) Chloroform-d              | 4.346          | 84   | 217092     | 38.669   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 77.340%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 142979     | 44.276   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.560%  |        |          |
| 32) Benzene-d6                | 5.043          | 84   | 480176     | 41.513   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.020%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.069          | 67   | 151385     | 42.028   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 84.060%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 452254     | 42.302   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 84.600%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 69958      | 39.464   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.920%  |        |          |
| 47) 2-Hexanone-d5             | 8.104          | 63   | 131361     | 111.270  | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 111.270% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223         | 84   | 208476     | 46.705   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.400%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 199728     | 44.065   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.140%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 16) Methylene chloride        | 2.494          | 84   | 8480       | 2.488    | ug/L   | 94       |
| 25) Chloroform                | 4.375          | 83   | 9176       | 1.666    | ug/L   | 88       |
| 44) trans-1,3-Dichloropropene | 7.625          | 75   | 2777       | 0.594    | ug/L   | 98       |
| 48) 2-Hexanone                | 8.104          | 43   | 16096      | 4.820    | ug/L # | 72       |
| -----                         |                |      |            |          |        |          |

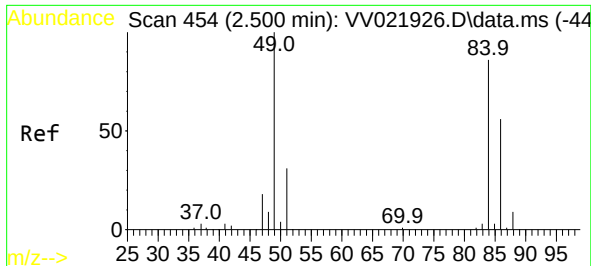
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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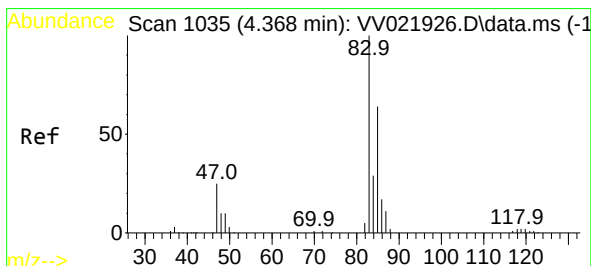
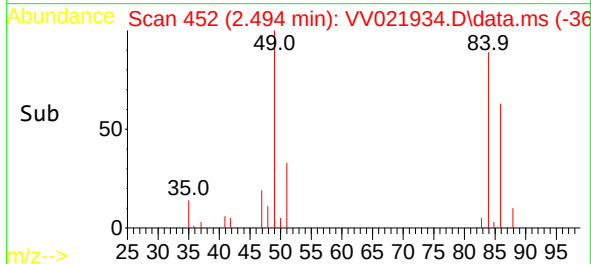
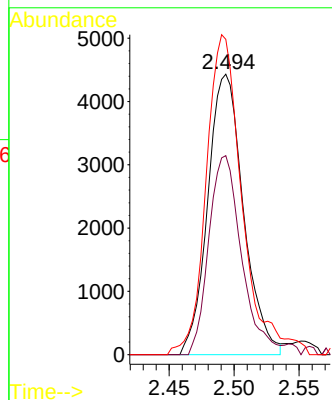
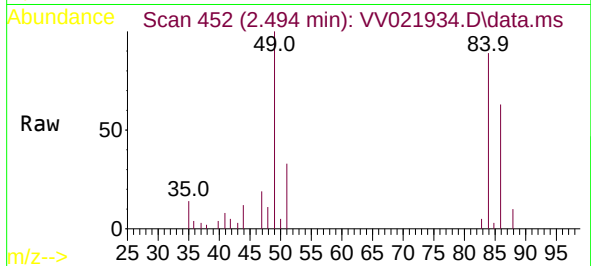




#16  
Methylene chloride  
Concen: 2.488 ug/L  
RT: 2.494 min Scan# 452  
Delta R.T. -0.007 min  
Lab File: VV021934.D  
Acq: 23 Aug 2021 16:35

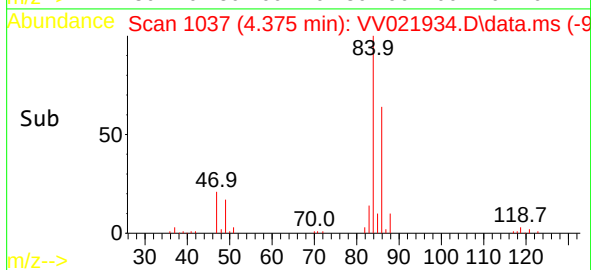
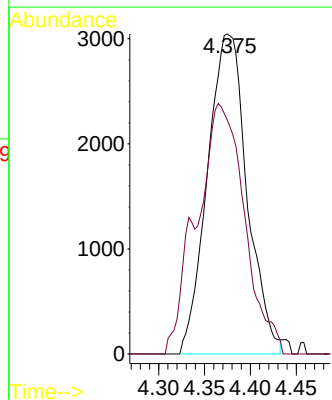
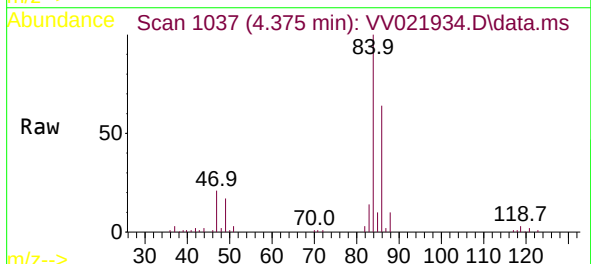
Instrument :  
MSVOA\_V  
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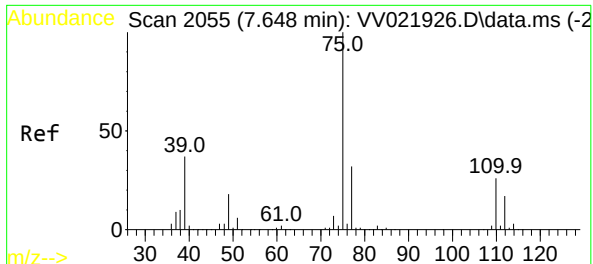
Tgt Ion: 84 Resp: 8480  
Ion Ratio Lower Upper  
84 100  
86 71.0 44.7 83.1  
49 112.4 82.5 153.3



#25  
Chloroform  
Concen: 1.666 ug/L  
RT: 4.375 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: VV021934.D  
Acq: 23 Aug 2021 16:35

Tgt Ion: 83 Resp: 9176  
Ion Ratio Lower Upper  
83 100  
85 73.3 44.8 83.2

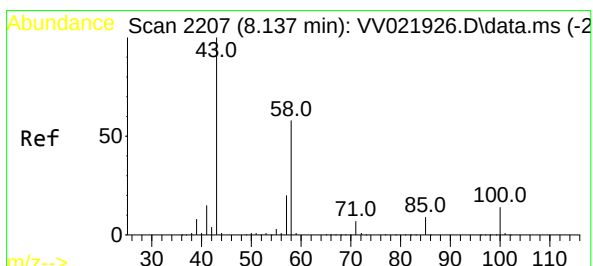
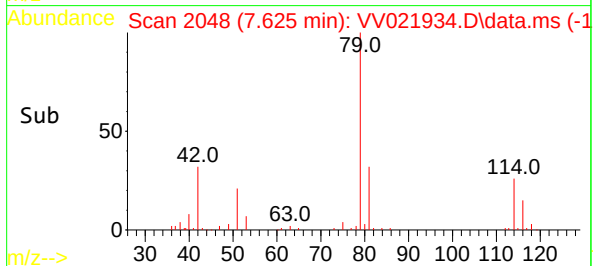
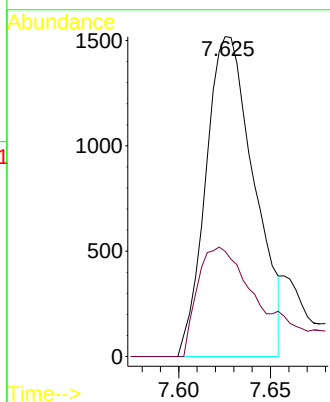
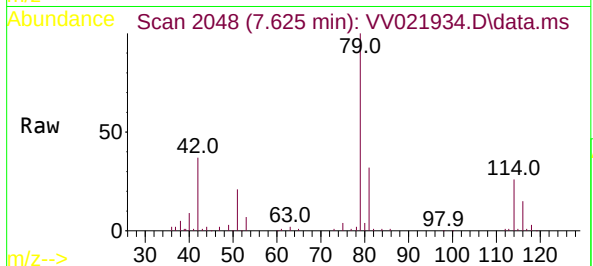




#44  
trans-1,3-Dichloropropene  
Concen: 0.594 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.023 min  
Lab File: VV021934.D  
Acq: 23 Aug 2021 16:35

Instrument :  
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ClientSampleId :  
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Tgt Ion: 75 Resp: 2777  
Ion Ratio Lower Upper  
75 100  
77 32.9 22.2 41.2



#48  
2-Hexanone  
Concen: 4.820 ug/L  
RT: 8.104 min Scan# 2197  
Delta R.T. -0.032 min  
Lab File: VV021934.D  
Acq: 23 Aug 2021 16:35

Tgt Ion: 43 Resp: 16096  
Ion Ratio Lower Upper  
43 100  
58 31.6 45.4 68.2#  
57 21.6 15.3 22.9  
100 0.0 11.0 16.6#

