

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051322\  
 Data File : VU048562.D  
 Acq On : 13 May 2022 14:49  
 Operator : SY/MD  
 Sample : N2766-05ME  
 Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

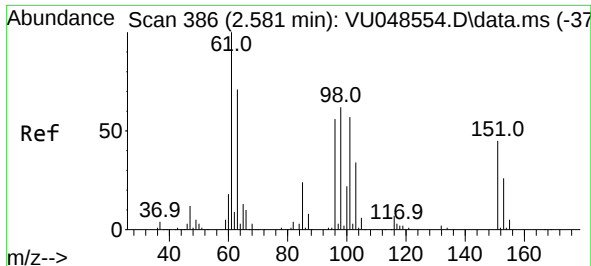
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW4F5ME

Quant Time: May 14 04:16:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM050622WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 14 04:14:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.247   | 114   | 396803   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 397310   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.819  | 152   | 222088   | 50.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.594   | 65    | 93347    | 27.316   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 54.640%#  |
| 7) Chloroethane-d5            | 1.890   | 69    | 70760    | 31.727   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 63.460%#  |
| 11) 1,1-Dichloroethene-d2     | 2.536   | 63    | 225342   | 37.051   | ug/L   | -0.04     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 74.100%   |
| 21) 2-Butanone-d5             | 4.636   | 46    | 321527   | 110.478  | ug/L   | 0.02      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 110.480%  |
| 24) Chloroform-d              | 5.064   | 84    | 365609   | 61.595   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 123.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.700   | 65    | 271172   | 70.280   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 140.560%# |
| 32) Benzene-d6                | 5.723   | 84    | 689024   | 57.069   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 114.140%  |
| 36) 1,2-Dichloropropane-d6    | 6.690   | 67    | 215890   | 54.835   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 109.660%  |
| 41) Toluene-d8                | 7.899   | 98    | 631003   | 59.094   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 118.180%  |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 118453   | 65.367   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 130.740%# |
| 47) 2-Hexanone-d5             | 8.665   | 63    | 266294   | 139.743  | ug/L   | 0.03      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 139.740%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767  | 84    | 368768   | 61.491   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 122.980%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 292726   | 66.564   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 133.120%# |
| Target Compounds              |         |       |          |          |        |           |
|                               |         |       |          |          | Qvalue |           |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.540   | 101   | 2141     | 0.728    | ug/L # | 19        |
| 12) 1,1-Dichloroethene        | 2.536   | 96    | 1838     | 0.661    | ug/L # | 1         |
| 22) 2-Butanone                | 4.726   | 43    | 18557    | 5.658    | ug/L   | 94        |
| 37) 1,2-Dichloropropane       | 6.694   | 63    | 26243    | 6.873    | ug/L # | 88        |
| 39) cis-1,3-Dichloropropene   | 7.565   | 75    | 7163     | 1.319    | ug/L # | 72        |
| 44) trans-1,3-Dichloropropene | 8.186   | 75    | 5552     | 1.052    | ug/L # | 78        |
| 48) 2-Hexanone                | 8.665   | 43    | 33486    | 6.586    | ug/L # | 57        |
| -----                         |         |       |          |          |        |           |

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

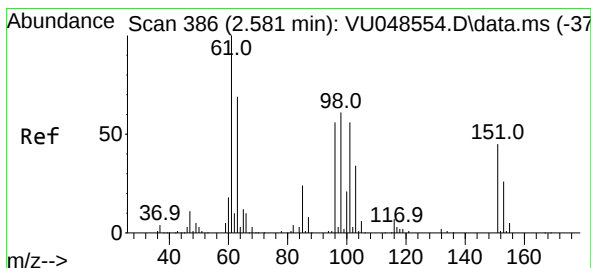
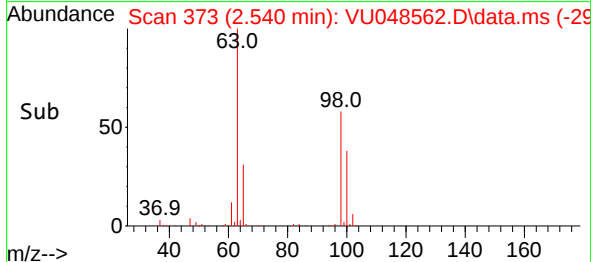
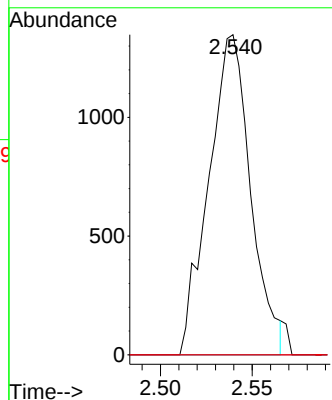
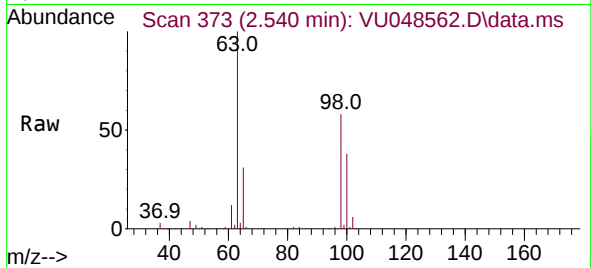




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.728 ug/L  
RT: 2.540 min Scan# 31  
Delta R.T. -0.042 min  
Lab File: VU048562.D  
Acq: 13 May 2022 14:49

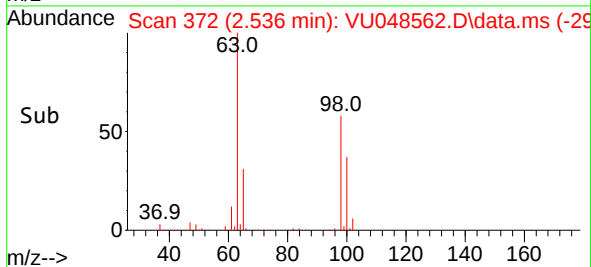
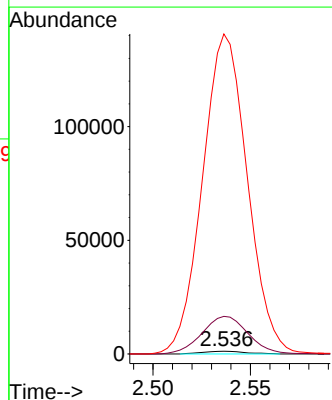
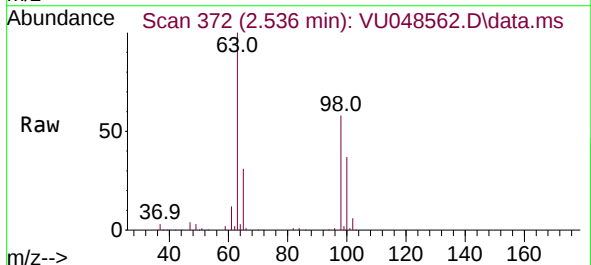
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW4F5ME

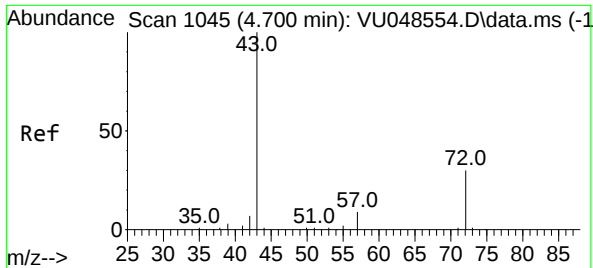
Tgt Ion:101 Resp: 2141  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.8 52.2#  
151 0.0 60.7 91.1#



#12  
1,1-Dichloroethene  
Concen: 0.661 ug/L  
RT: 2.536 min Scan# 372  
Delta R.T. -0.045 min  
Lab File: VU048562.D  
Acq: 13 May 2022 14:49

Tgt Ion: 96 Resp: 1838  
Ion Ratio Lower Upper  
96 100  
61 1350.1 124.5 231.3#  
63 11479.3 92.5 171.9#

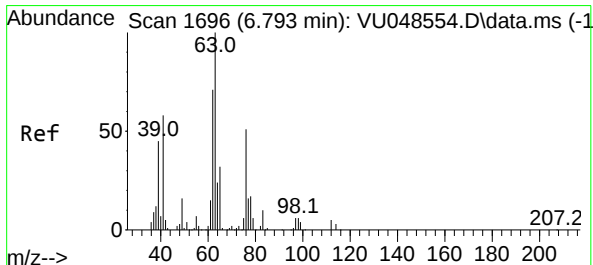
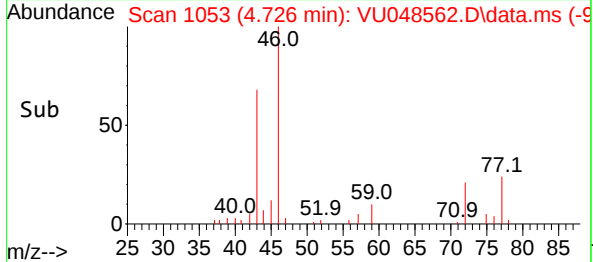
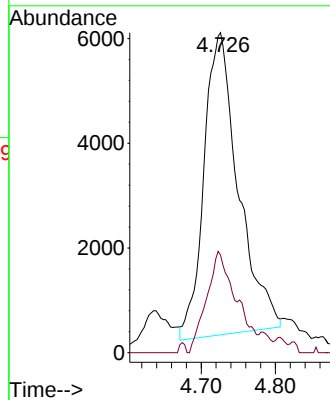
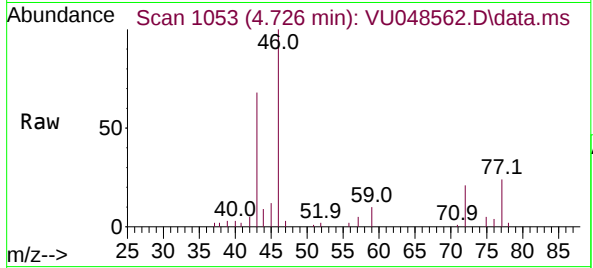




#22  
2-Butanone  
Concen: 5.658 ug/L  
RT: 4.726 min Scan# 1053  
Delta R.T. 0.026 min  
Lab File: VU048562.D  
Acq: 13 May 2022 14:49

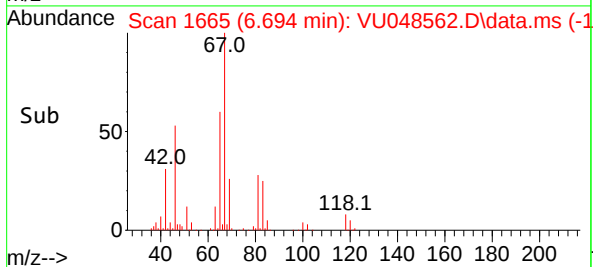
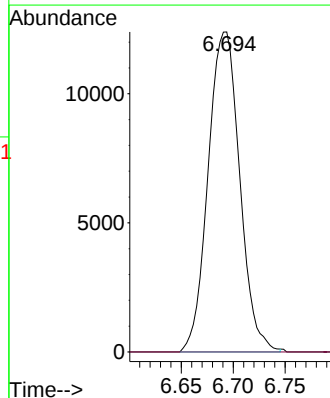
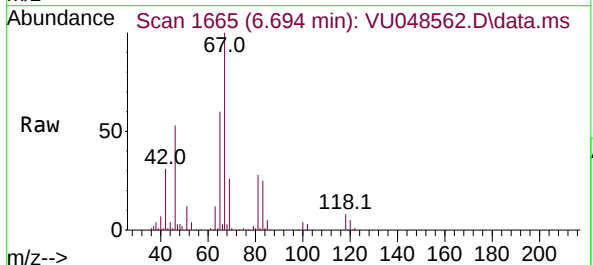
Instrument :  
MSVOA\_U  
ClientSampleId :  
EW4F5ME

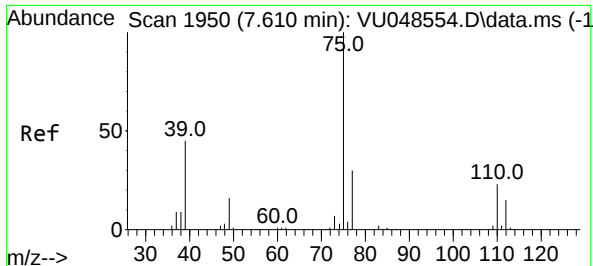
Tgt Ion: 43 Resp: 18557  
Ion Ratio Lower Upper  
43 100  
72 23.6 13.3 39.9



#37  
1,2-Dichloropropane  
Concen: 6.873 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.099 min  
Lab File: VU048562.D  
Acq: 13 May 2022 14:49

Tgt Ion: 63 Resp: 26243  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.319 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048562.D

Acq: 13 May 2022 14:49

Instrument :

MSVOA\_U

ClientSampleId :

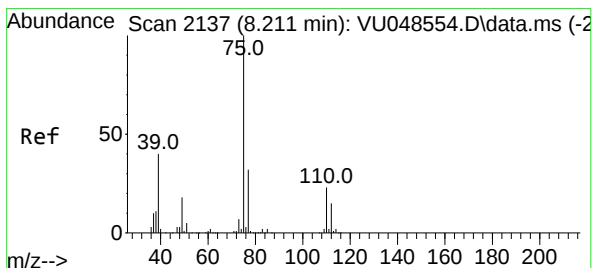
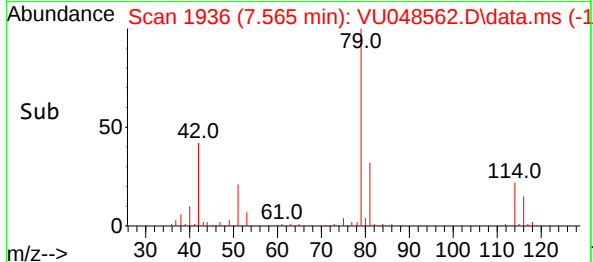
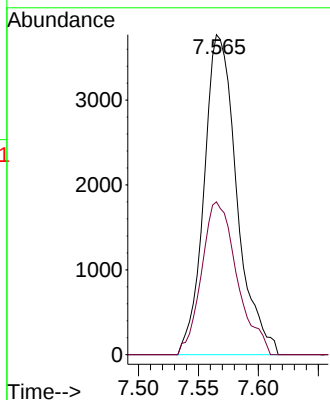
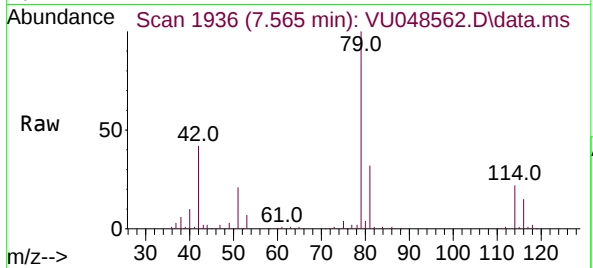
EW4F5ME

Tgt Ion: 75 Resp: 7163

Ion Ratio Lower Upper

75 100

77 47.8 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 1.052 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU048562.D

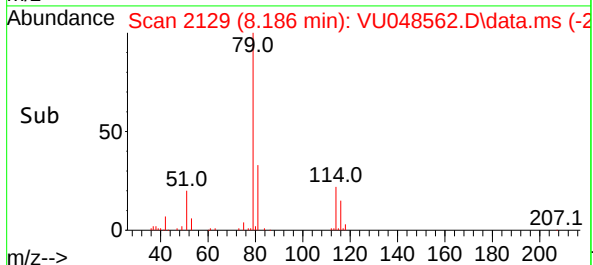
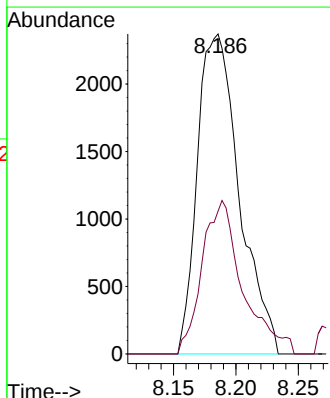
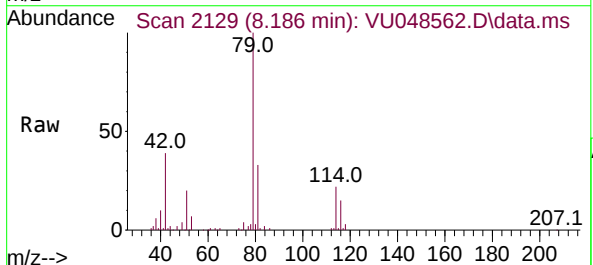
Acq: 13 May 2022 14:49

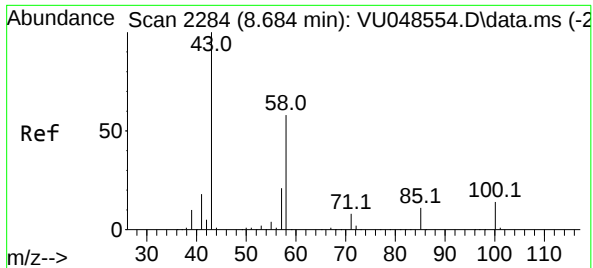
Tgt Ion: 75 Resp: 5552

Ion Ratio Lower Upper

75 100

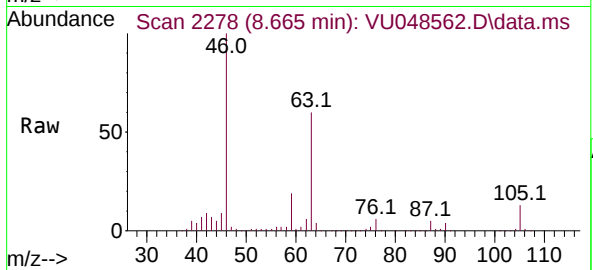
77 44.6 22.6 42.0#





#48  
 2-Hexanone  
 Concen: 6.586 ug/L  
 RT: 8.665 min Scan# 21  
 Delta R.T. -0.019 min  
 Lab File: VU048562.D  
 Acq: 13 May 2022 14:49

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW4F5ME



|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion: 43 | Resp: | 33486 |
| Ion | Ratio   | Lower | Upper |
| 43  | 100     |       |       |
| 58  | 16.1    | 44.3  | 66.5# |
| 57  | 27.9    | 15.7  | 23.5# |
| 100 | 0.3     | 9.0   | 13.4# |

