

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090221\  
 Data File : VV022081.D  
 Acq On : 02 Sep 2021 17:23  
 Operator : SY/MD  
 Sample : M3608-08  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 03 01:02:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 03 00:59:14 2021  
 Response via : Initial Calibration

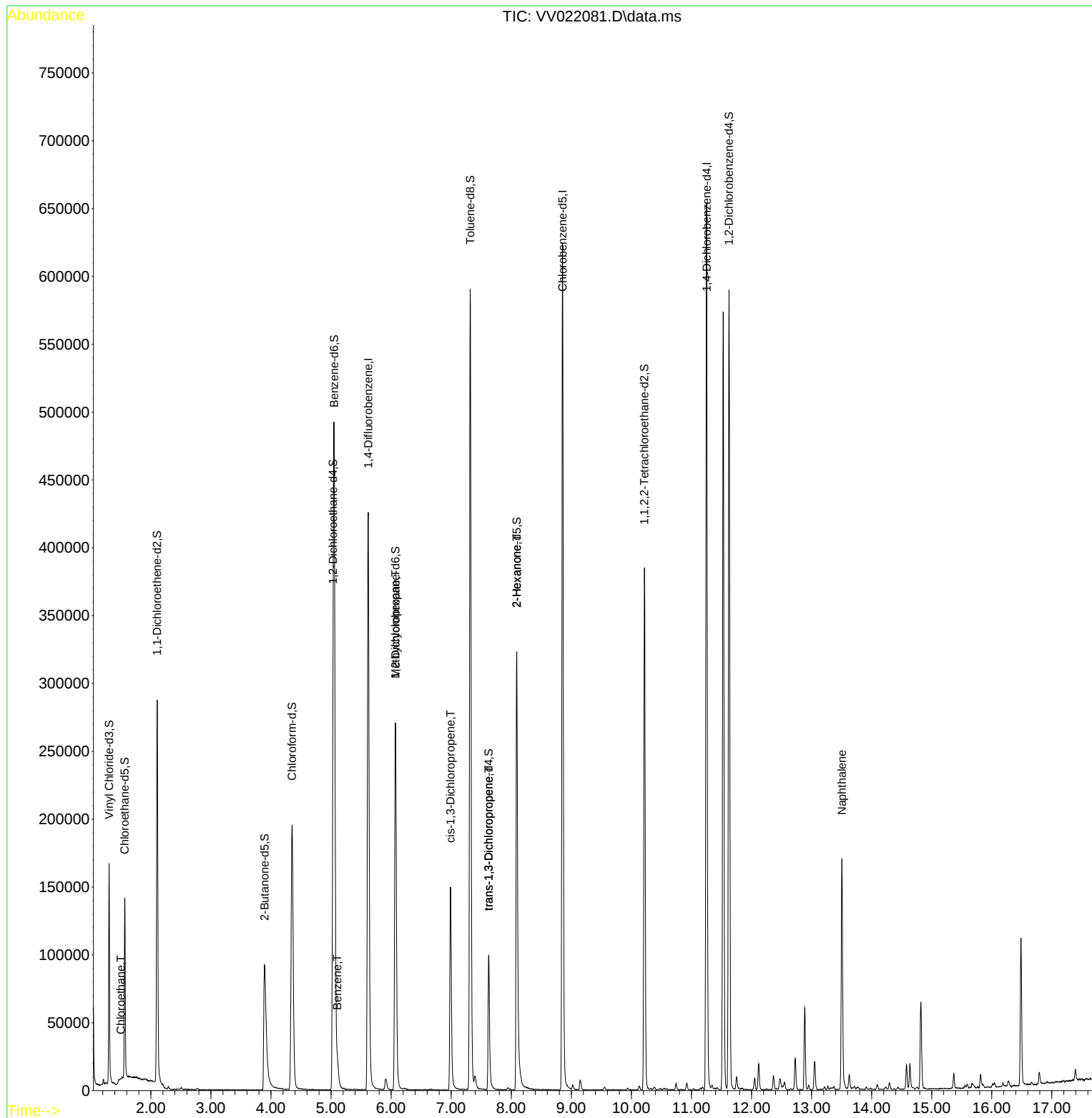
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 386974     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853          | 117  | 356042     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 176862     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 102189     | 38.132   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 76.260%  |        |          |
| 7) Chloroethane-d5            | 1.564          | 69   | 81755      | 39.066   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 78.140%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.105          | 63   | 145645     | 32.862   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.720%  |        |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 175730     | 95.615   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.620%  |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 208685     | 42.707   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.420%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 129686     | 45.058   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.120%  |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 437351     | 45.288   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.580%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 136094     | 44.812   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 89.620%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 398726     | 43.739   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.480%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 60245      | 41.678   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.360%  |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 116581     | 100.044  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 100.040% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 185096     | 47.588   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.180%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625         | 152  | 160252     | 46.090   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.180%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 8) Chloroethane               | 1.500          | 64   | 10209      | 5.748    | ug/L # | 50       |
| 33) Benzene                   | 5.104          | 78   | 18123      | 1.750    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.072          | 83   | 34074      | 7.944    | ug/L # | 21       |
| 39) cis-1,3-Dichloropropene   | 6.989          | 75   | 3745       | 0.903    | ug/L # | 79       |
| 44) trans-1,3-Dichloropropene | 7.625          | 75   | 2556       | 0.662    | ug/L   | 92       |
| 48) 2-Hexanone                | 8.091          | 43   | 12768      | 4.520    | ug/L # | 66       |
| 71) Naphthalene               | 13.506         | 128  | 141756     | 13.277   | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

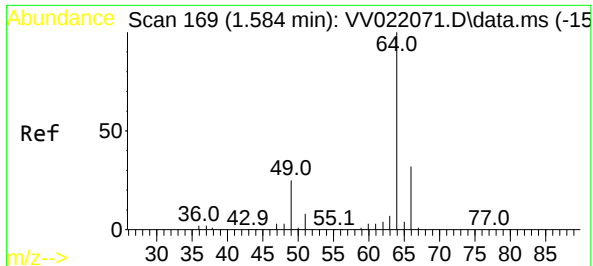
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090221\  
Data File : VV022081.D  
Acq On : 02 Sep 2021 17:23  
Operator : SY/MD  
Sample : M3608-08  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Sep 03 01:02:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082721WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Sep 03 00:59:14 2021  
Response via : Initial Calibration

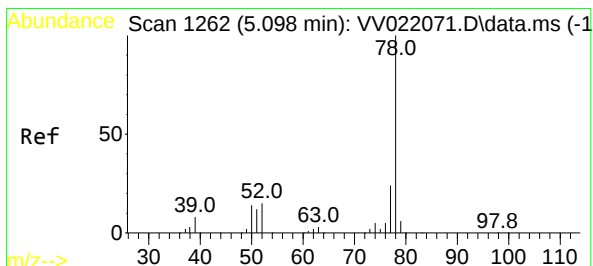
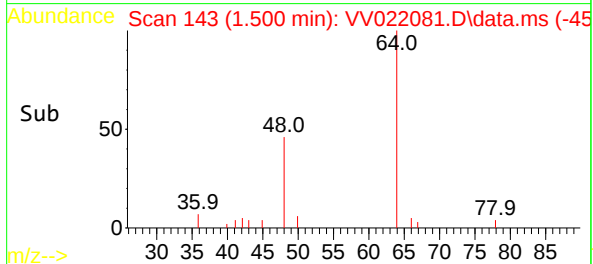
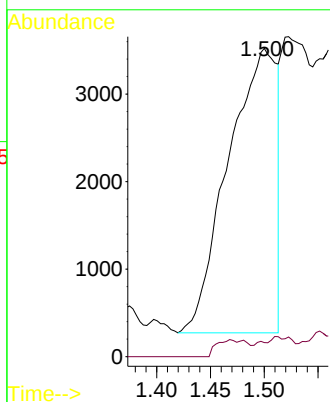
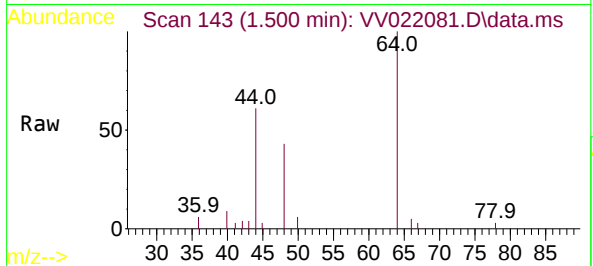




#8  
Chloroethane  
Concen: 5.748 ug/L  
RT: 1.500 min Scan# 143  
Delta R.T. -0.084 min  
Lab File: VV022081.D  
Acq: 02 Sep 2021 17:23

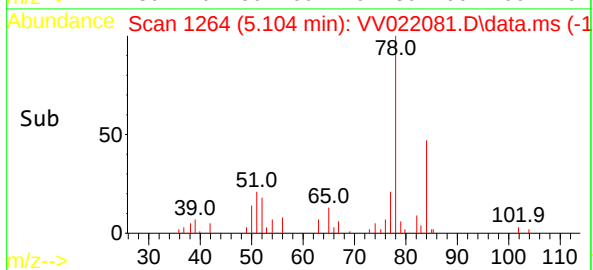
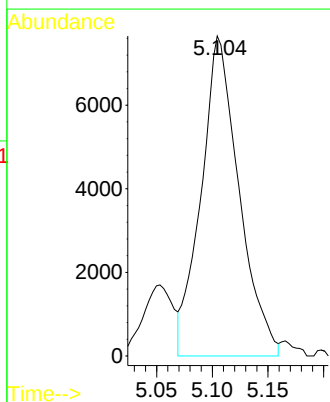
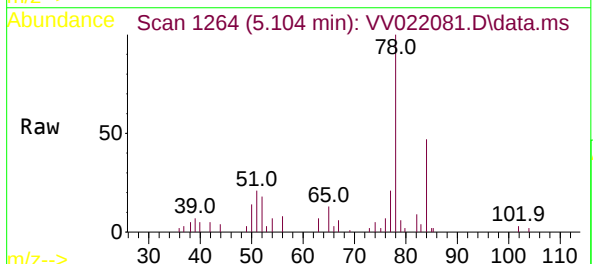
Instrument :  
MSVOA\_V  
ClientSampleId :

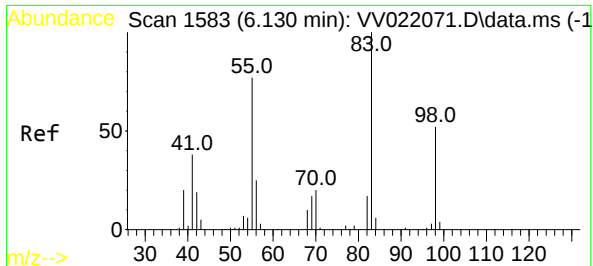
Tgt Ion: 64 Resp: 10209  
Ion Ratio Lower Upper  
64 100  
66 4.6 22.7 42.3#



#33  
Benzene  
Concen: 1.750 ug/L  
RT: 5.104 min Scan# 1264  
Delta R.T. 0.006 min  
Lab File: VV022081.D  
Acq: 02 Sep 2021 17:23

Tgt Ion: 78 Resp: 18123





#35

Methylcyclohexane

Concen: 7.944 ug/L

RT: 6.072 min Scan# 1565

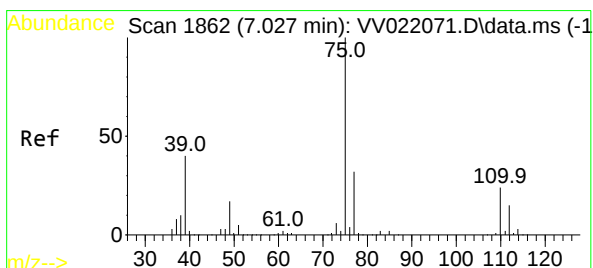
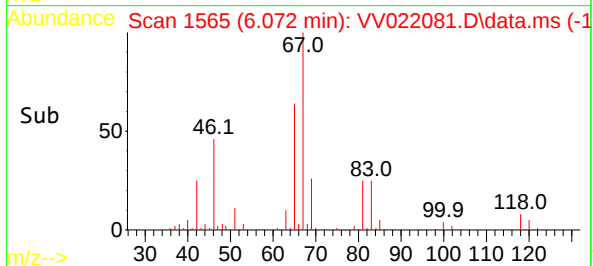
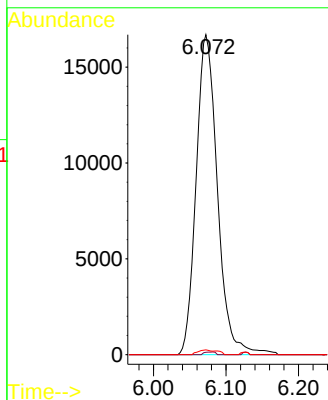
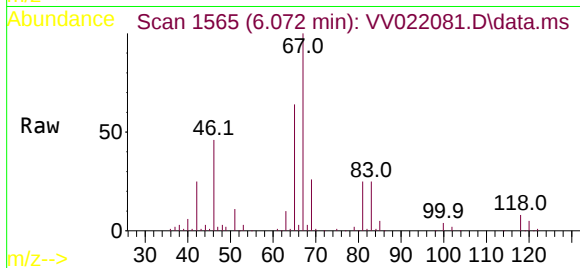
Delta R.T. -0.058 min

Lab File: VV022081.D

Acq: 02 Sep 2021 17:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 34074 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.4   | 56.8  | 85.2# |
| 98       | 1.0   | 39.9  | 59.9# |

Instrument :  
MSVOA\_V  
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

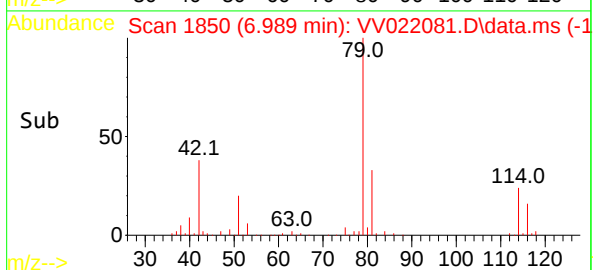
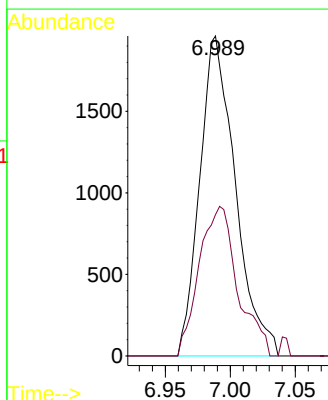
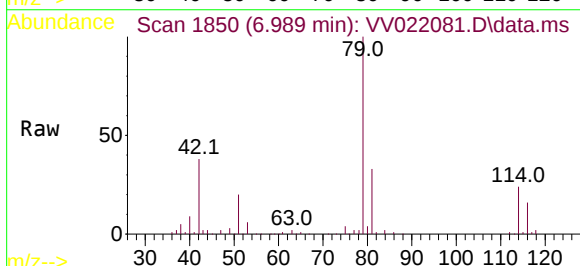
RT: 6.989 min Scan# 1850

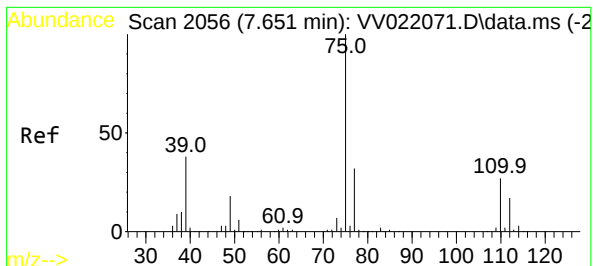
Delta R.T. -0.039 min

Lab File: VV022081.D

Acq: 02 Sep 2021 17:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3745  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 44.1  | 22.7  | 42.1# |



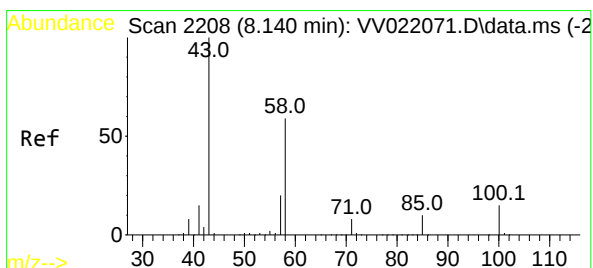
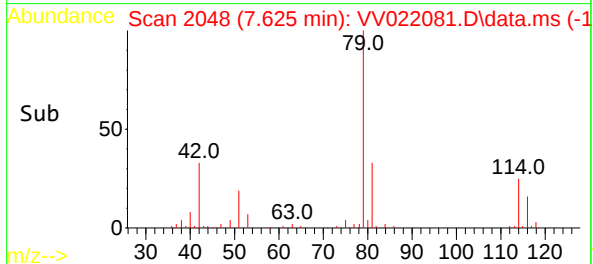
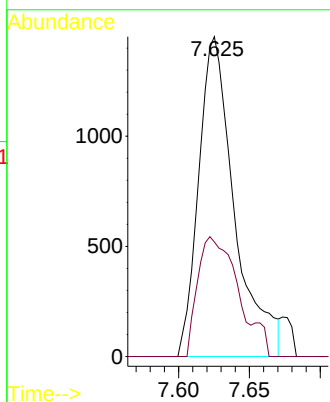
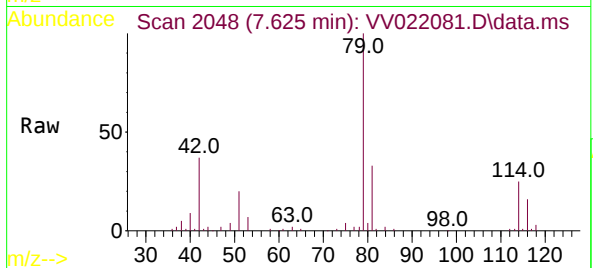


#44

trans-1,3-Dichloropropene  
Concen: 0.662 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV022081.D  
Acq: 02 Sep 2021 17:23

Instrument :  
MSVOA\_V  
ClientSampled :

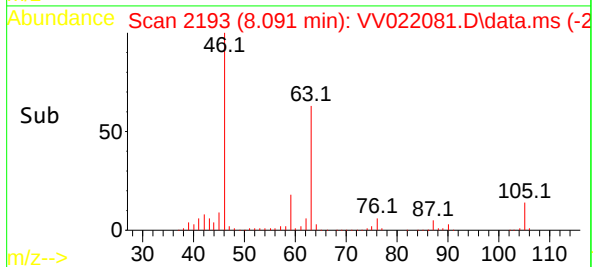
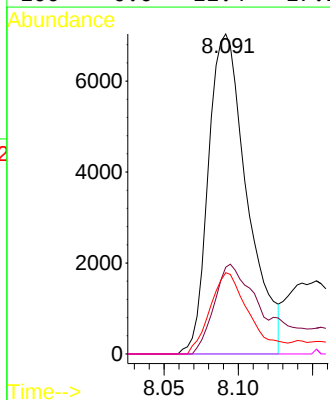
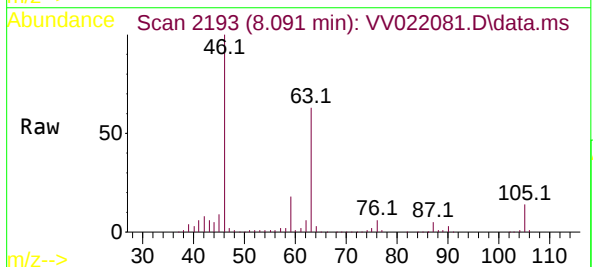
Tgt Ion: 75 Resp: 2556  
Ion Ratio Lower Upper  
75 100  
77 35.8 21.8 40.6

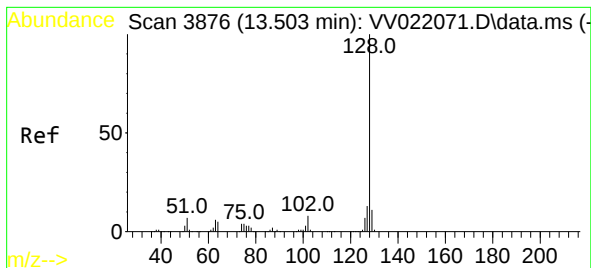


#48

2-Hexanone  
Concen: 4.520 ug/L  
RT: 8.091 min Scan# 2193  
Delta R.T. -0.048 min  
Lab File: VV022081.D  
Acq: 02 Sep 2021 17:23

Tgt Ion: 43 Resp: 12768  
Ion Ratio Lower Upper  
43 100  
58 28.8 47.5 71.3#  
57 25.9 15.9 23.9#  
100 0.0 11.4 17.2#





#71  
Naphthalene  
Concen: 13.277 ug/L  
RT: 13.506 min Scan# 3877  
Delta R.T. 0.003 min  
Lab File: VV022081.D  
Acq: 02 Sep 2021 17:23

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion:128 Resp: 141756  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.1 15.1  
129 10.9 8.7 13.1

