

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042621\  
 Data File : VW021141.D  
 Acq On : 26 Apr 2021 14:28  
 Operator : SY/MD  
 Sample : M2123-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Apr 27 04:17:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 27 04:16:04 2021  
 Response via : Initial Calibration

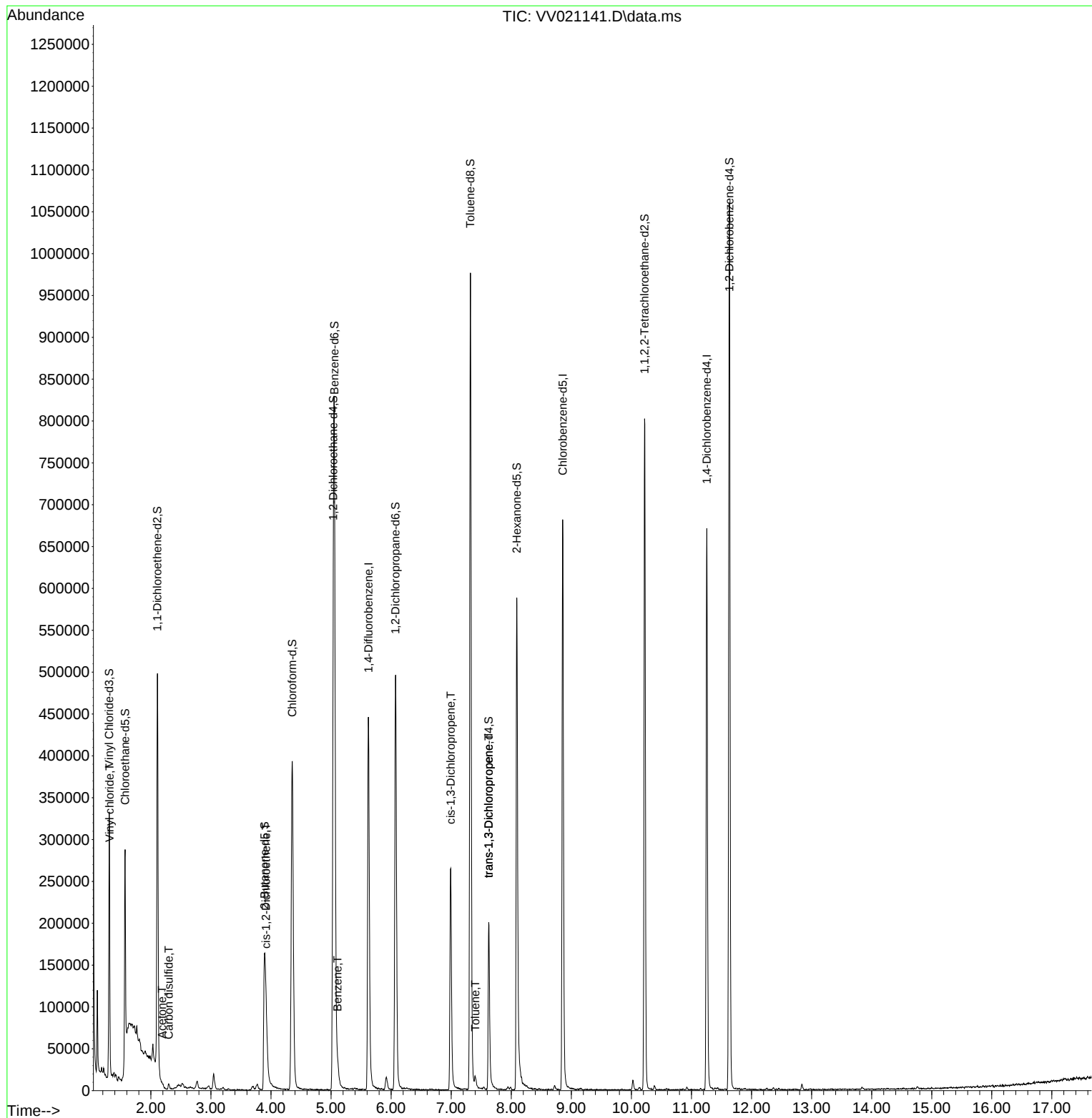
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.622          | 114  | 395458              | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 393916              | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 177389              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 164691              | 50.68  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 101.36%  |        |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 148885              | 62.28  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 124.56%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 255863              | 42.69  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 85.38%   |        |        |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 276981              | 174.55 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 174.55%# |        |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 411271              | 70.99  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 141.98%# |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037          | 65   | 280252              | 76.10  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 152.20%# |        |        |          |
| 32) Benzene-d6                | 5.056          | 84   | 699929              | 66.72  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 133.44%# |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 227367              | 72.61  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 145.22%# |        |        |          |
| 41) Toluene-d8                | 7.320          | 98   | 640586              | 63.09  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 126.18%# |        |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 121482              | 70.99  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 141.98%# |        |        |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 204987              | 165.05 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 165.05%# |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 356101              | 75.39  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 150.78%# |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 280473              | 80.04  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 160.08%# |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 5) Vinyl chloride             | 1.314          | 62   | 14165               | 4.03   | ug/L # | 74       |
| 13) Acetone                   | 2.188          | 43   | 4345                | 2.93   | ug/L   | 82       |
| 14) Carbon disulfide          | 2.297          | 76   | 7540                | 0.97   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.918          | 96   | 20192               | 6.97   | ug/L   | 97       |
| 33) Benzene                   | 5.108          | 78   | 27850               | 2.54   | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 6.992          | 75   | 7704                | 1.75   | ug/L   | 99       |
| 42) Toluene                   | 7.400          | 91   | 9613                | 0.80   | ug/L   | 87       |
| 44) trans-1,3-Dichloropropene | 7.625          | 75   | 5551                | 1.22   | ug/L # | 77       |
| -----                         |                |      |                     |        |        |          |

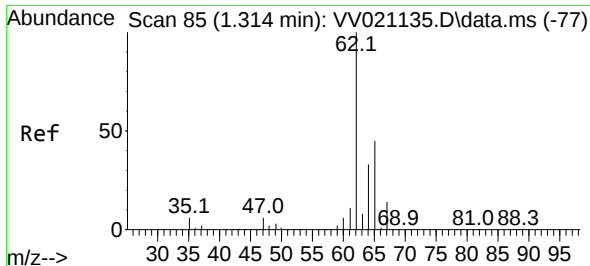
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042621\  
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Sample : M2123-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Apr 27 04:17:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 27 04:16:04 2021  
Response via : Initial Calibration

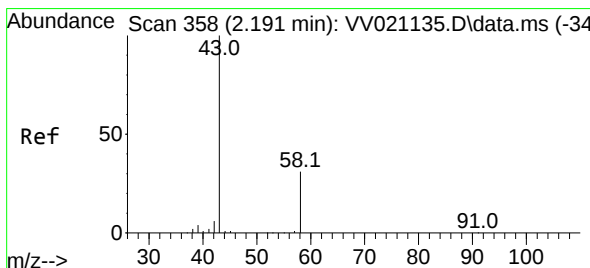
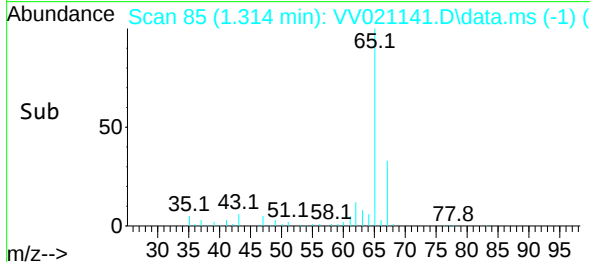
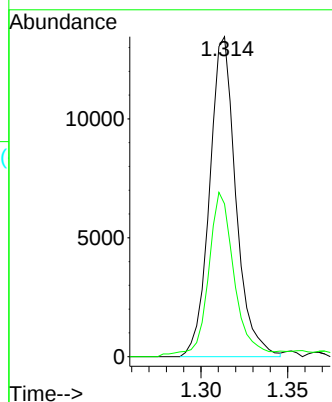
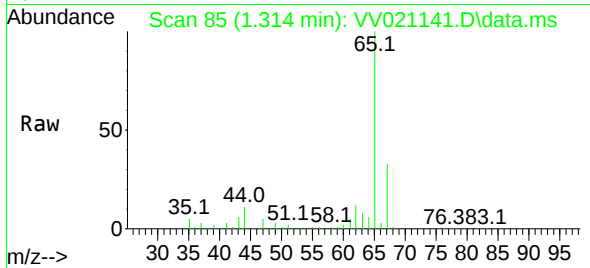




#5  
 Vinyl chloride  
 Concen: 4.03 ug/L  
 RT: 1.314 min Scan# 85  
 Delta R.T. -0.000 min  
 Lab File: VV021141.D  
 Acq: 26 Apr 2021 14:28

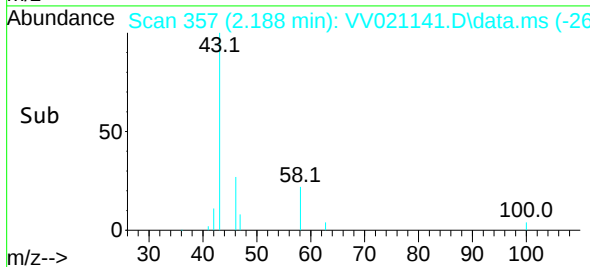
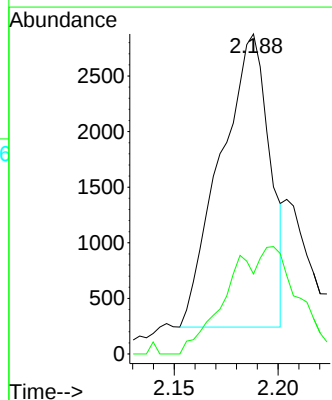
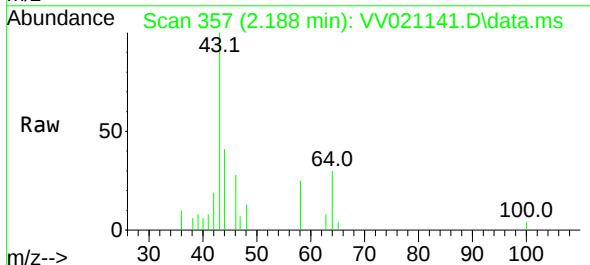
Instrument :  
 MSVOA\_V  
 ClientSampled :

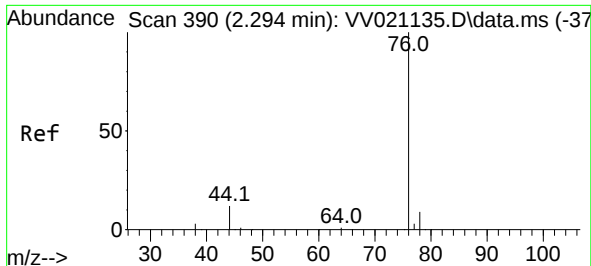
Tgt Ion: 62 Resp: 14165  
 Ion Ratio Lower Upper  
 62 100  
 64 47.7 23.2 43.2#



#13  
 Acetone  
 Concen: 2.93 ug/L  
 RT: 2.188 min Scan# 357  
 Delta R.T. -0.003 min  
 Lab File: VV021141.D  
 Acq: 26 Apr 2021 14:28

Tgt Ion: 43 Resp: 4345  
 Ion Ratio Lower Upper  
 43 100  
 58 22.9 0.0 30.8

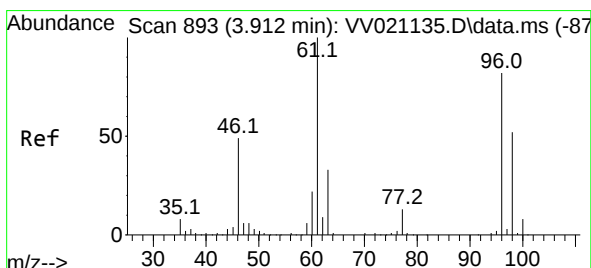
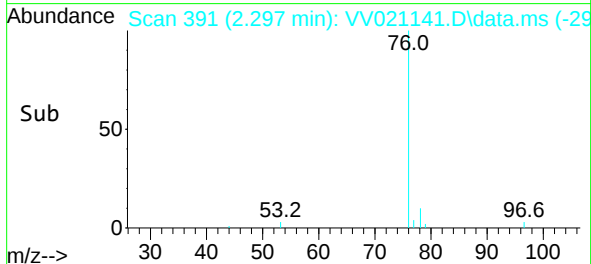
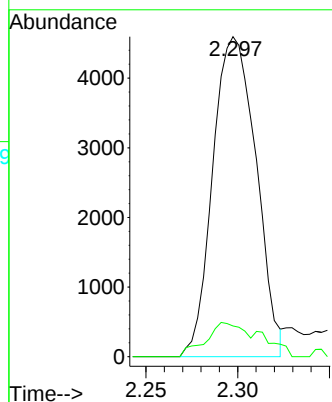
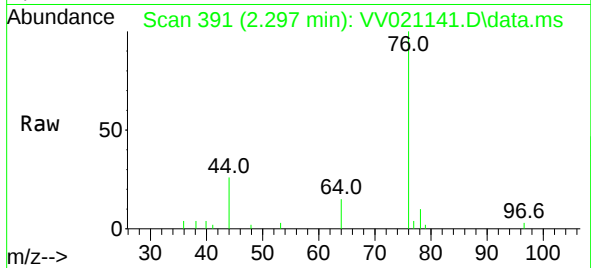




#14  
Carbon disulfide  
Concen: 0.97 ug/L  
RT: 2.297 min Scan# 391  
Delta R.T. 0.003 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

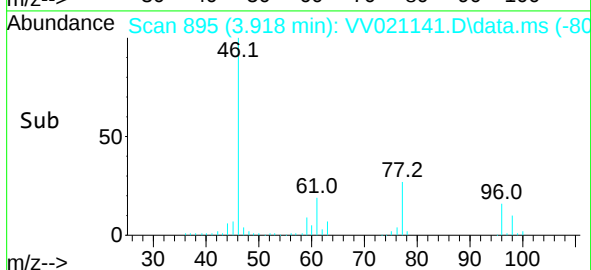
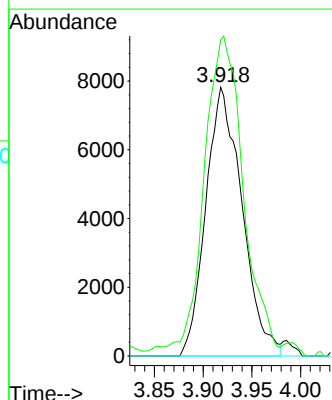
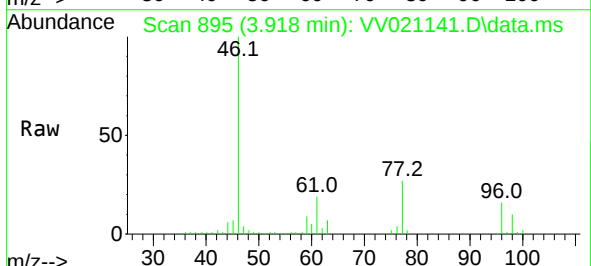
Instrument :  
MSVOA\_V  
ClientSampled :

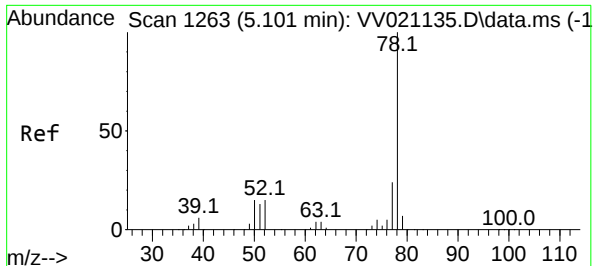
Tgt Ion: 76 Resp: 7540  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.2



#20  
cis-1,2-Dichloroethene  
Concen: 6.97 ug/L  
RT: 3.918 min Scan# 895  
Delta R.T. 0.006 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

Tgt Ion: 96 Resp: 20192  
Ion Ratio Lower Upper  
96 100  
61 117.7 84.4 156.7  
68 0.0 0.0 0.0

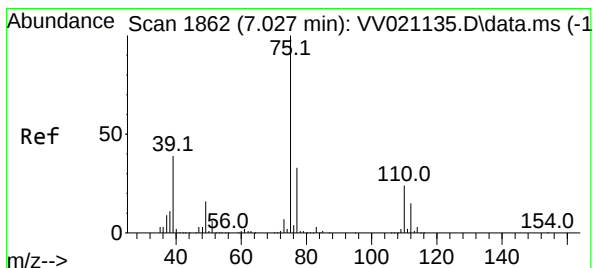
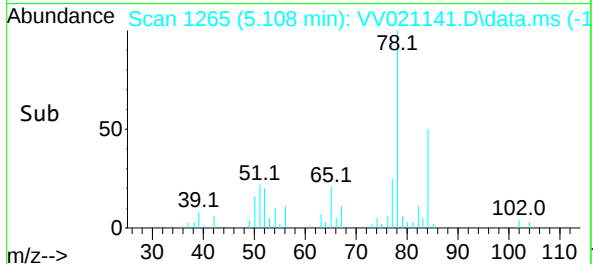
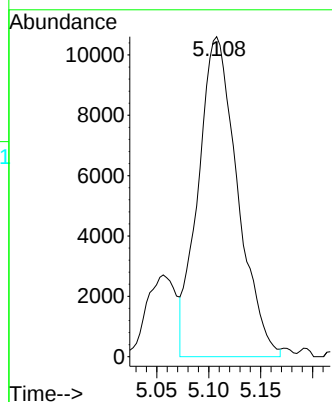
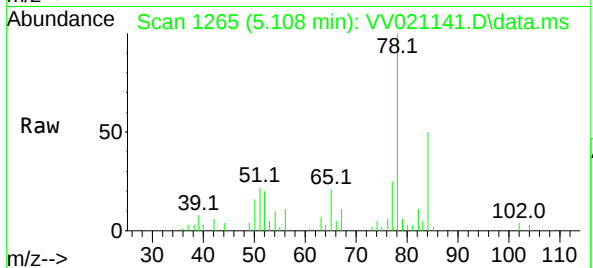




#33  
Benzene  
Concen: 2.54 ug/L  
RT: 5.108 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

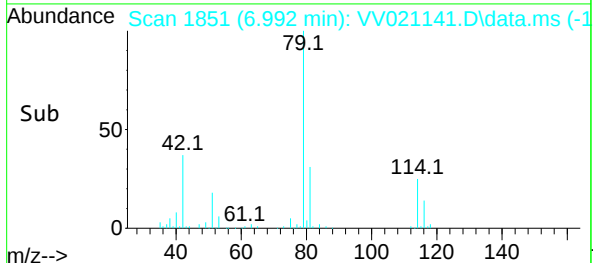
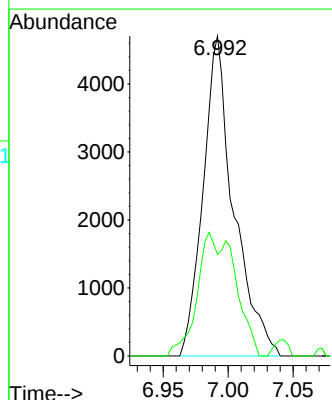
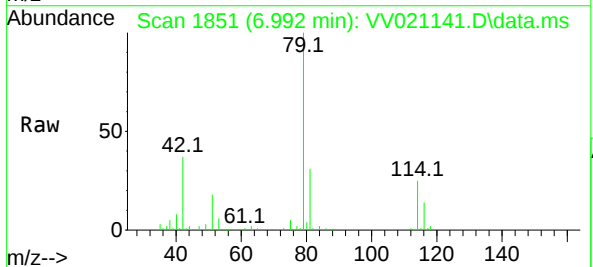
Instrument :  
MSVOA\_V  
ClientSampled :

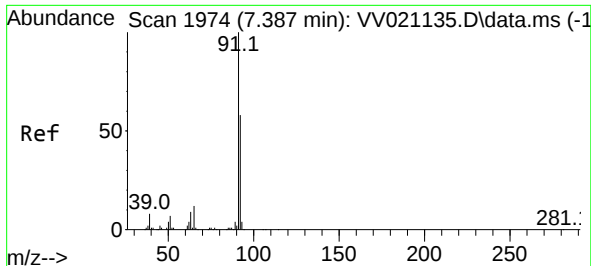
Tgt Ion: 78 Resp: 27850



#39  
cis-1,3-Dichloropropene  
Concen: 1.75 ug/L  
RT: 6.992 min Scan# 1851  
Delta R.T. -0.036 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

Tgt Ion: 75 Resp: 7704  
Ion Ratio Lower Upper  
75 100  
77 31.7 21.8 40.6

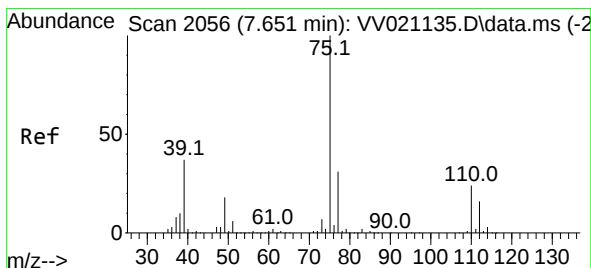
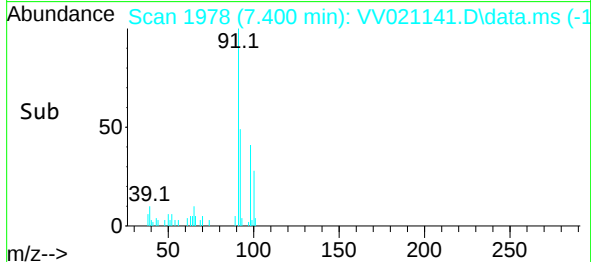
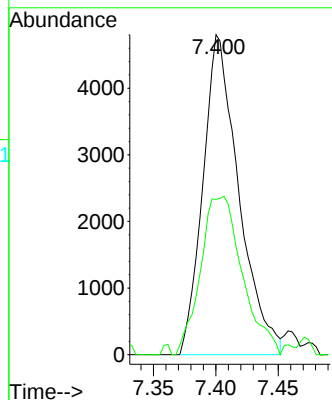
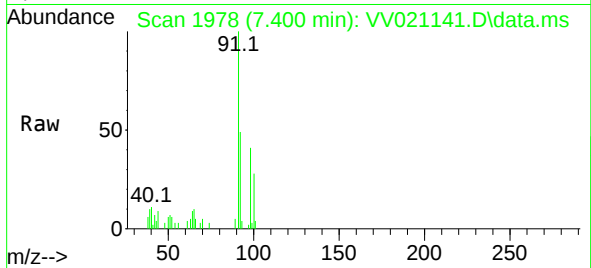




#42  
Toluene  
Concen: 0.80 ug/L  
RT: 7.400 min Scan# 1978  
Delta R.T. 0.013 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 91 Resp: 9613  
Ion Ratio Lower Upper  
91 100  
92 48.6 41.0 76.2



#44  
trans-1,3-Dichloropropene  
Concen: 1.22 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.026 min  
Lab File: VV021141.D  
Acq: 26 Apr 2021 14:28

Tgt Ion: 75 Resp: 5551  
Ion Ratio Lower Upper  
75 100  
77 44.0 21.8 40.6#

