

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
 Data File : VX025114.D  
 Acq On : 09 Nov 2021 12:07  
 Operator : JC/MD  
 Sample : M4464-08DL 400X  
 Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 10 02:51:53 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 10 02:50:07 2021  
 Response via : Initial Calibration

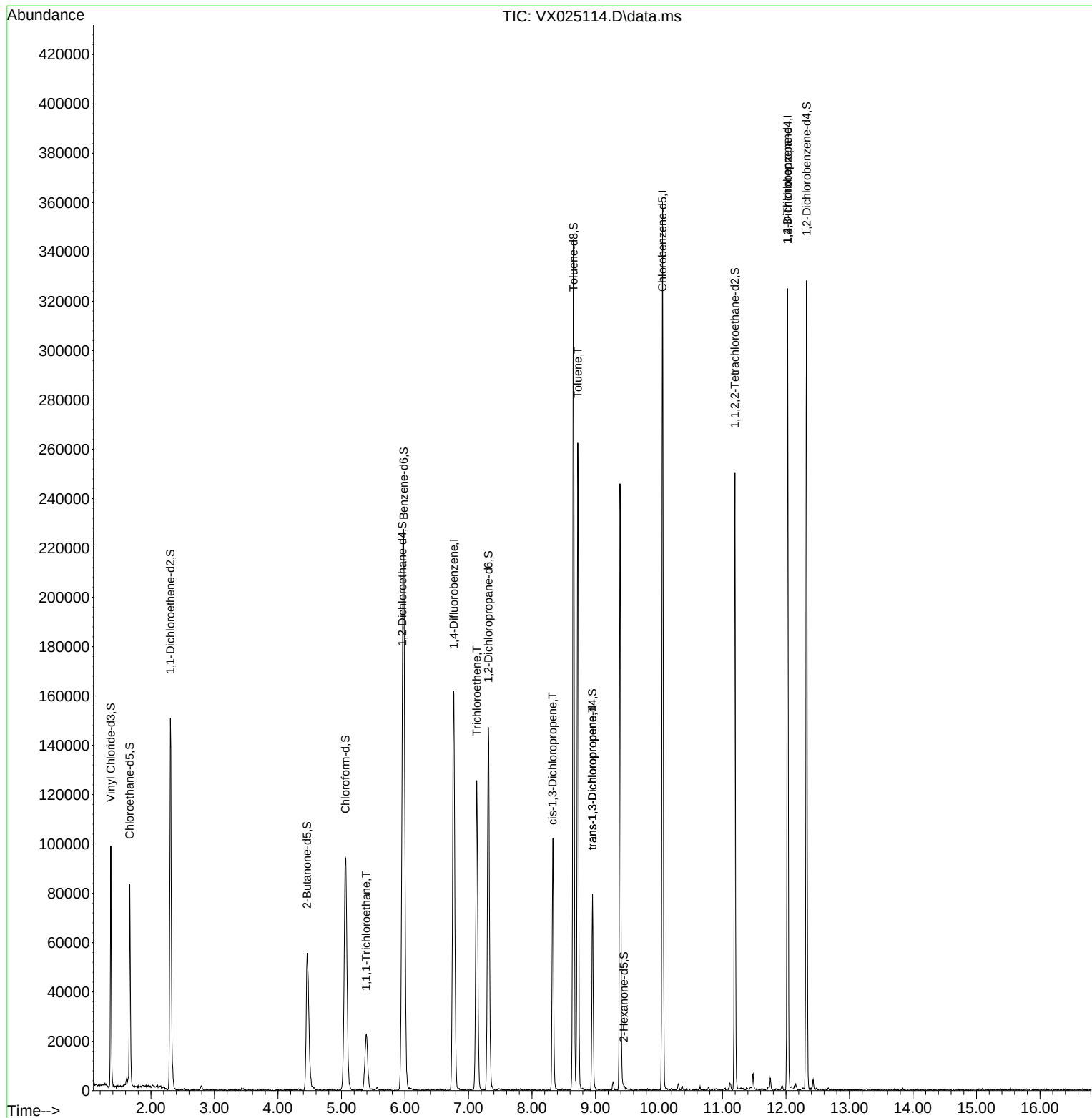
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 141907   | 50.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 128277   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 51954    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 56301    | 43.876   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 87.760%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 49129    | 61.072   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 122.140% |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 89618    | 36.259   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 72.520%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 99100    | 112.375  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 112.380% |
| 24) Chloroform-d              | 5.062   | 84    | 116583   | 46.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.420%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 88050    | 53.355   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.700% |
| 32) Benzene-d6                | 5.983   | 84    | 194141   | 42.506   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.020%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 66233    | 49.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.420%  |
| 41) Toluene-d8                | 8.653   | 98    | 178299   | 46.439   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.880%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 35011    | 48.741   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 97.480%  |
| 47) 2-Hexanone-d5             | 9.445   | 63    | 216      | 0.376    | ug/L   | 0.06     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 0.380%#  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 86372    | 46.364   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 92.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 51938    | 51.003   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.000% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 30) 1,1,1-Trichloroethane     | 5.385   | 97    | 21365    | 9.194    | ug/L   | 93       |
| 34) Trichloroethene           | 7.129   | 95    | 47209    | 38.397   | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 8.324   | 75    | 3159     | 1.746    | ug/L   | 83       |
| 42) Toluene                   | 8.720   | 91    | 160886   | 35.012   | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 2166     | 1.194    | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 8848     | 7.023    | ug/L   | # 60     |
| -----                         |         |       |          |          |        |          |

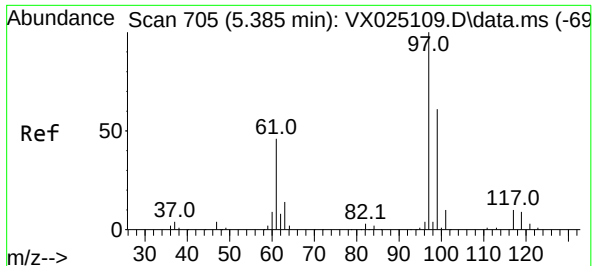
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
Data File : VX025114.D  
Acq On : 09 Nov 2021 12:07  
Operator : JC/MD  
Sample : M4464-08DL 400X  
Misc : 6.57g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

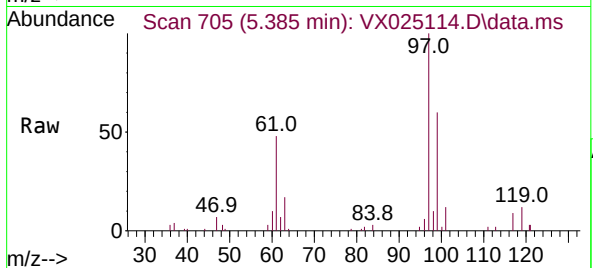
Quant Time: Nov 10 02:51:53 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Nov 10 02:50:07 2021  
Response via : Initial Calibration



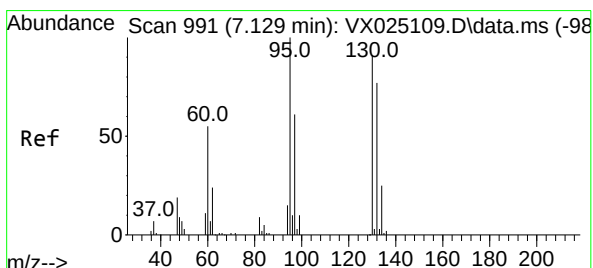
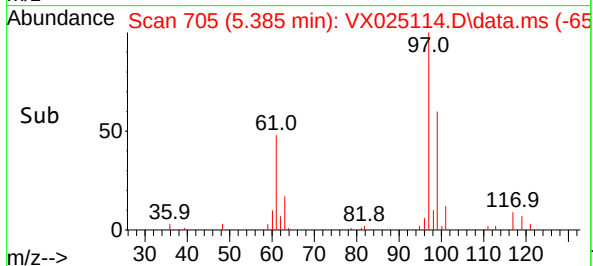
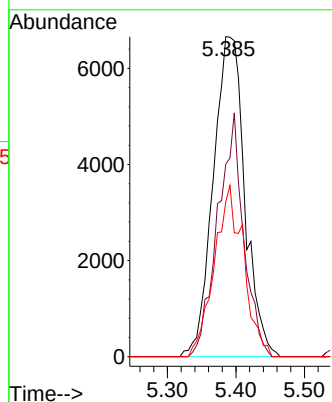


#30  
1,1,1-Trichloroethane  
Concen: 9.194 ug/L  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX025114.D  
Acq: 09 Nov 2021 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :

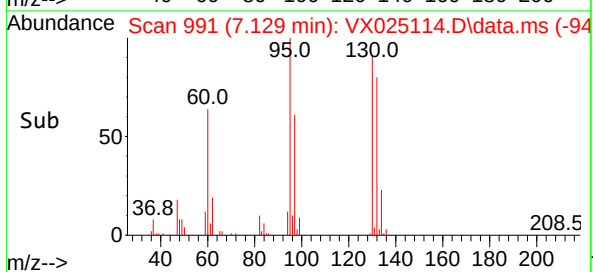
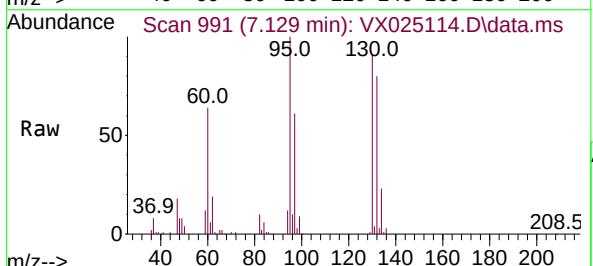
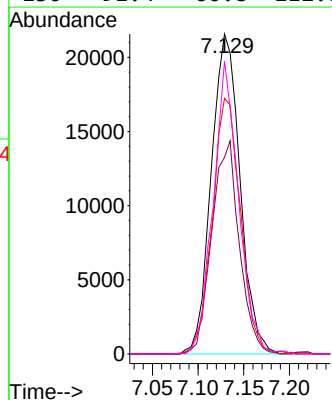


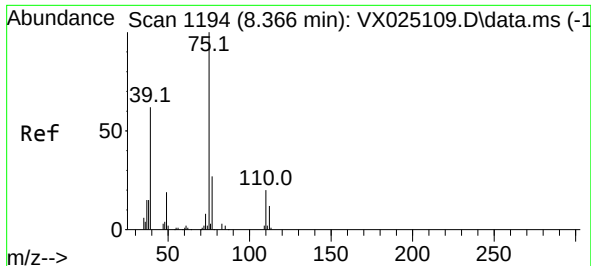
Tgt Ion: 97 Resp: 21365  
Ion Ratio Lower Upper  
97 100  
99 62.0 53.1 79.7  
61 37.9 26.3 39.5



#34  
Trichloroethene  
Concen: 38.397 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX025114.D  
Acq: 09 Nov 2021 12:07

Tgt Ion: 95 Resp: 47209  
Ion Ratio Lower Upper  
95 100  
97 61.4 44.2 82.2  
132 79.9 60.1 111.5  
130 91.4 60.8 112.8





#39

cis-1,3-Dichloropropene

Concen: 1.746 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

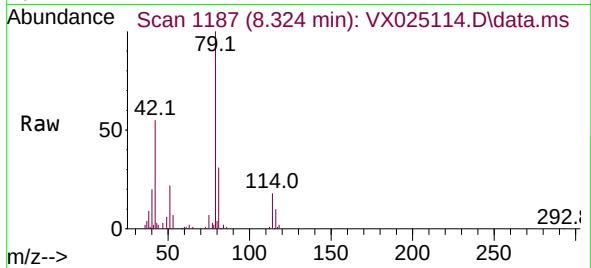
Lab File: VX025114.D

Acq: 09 Nov 2021 12:07

Instrument :

MSVOA\_X

ClientSampleId :

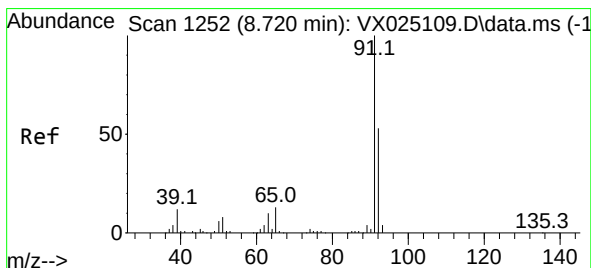
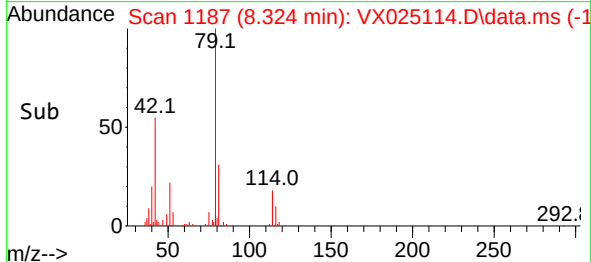
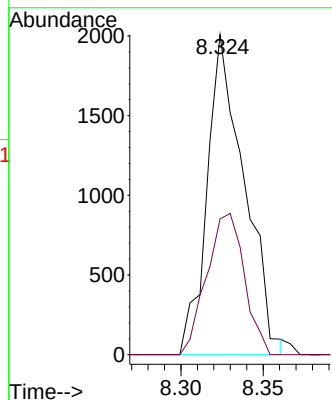


Tgt Ion: 75 Resp: 3159

Ion Ratio Lower Upper

75 100

77 42.4 23.1 42.9



#42

Toluene

Concen: 35.012 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025114.D

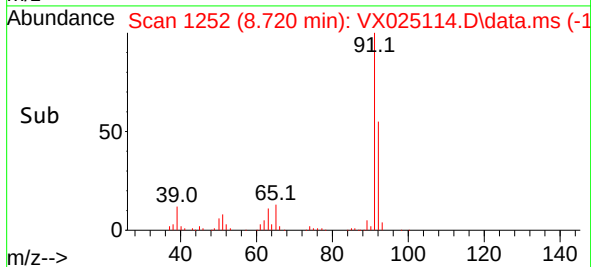
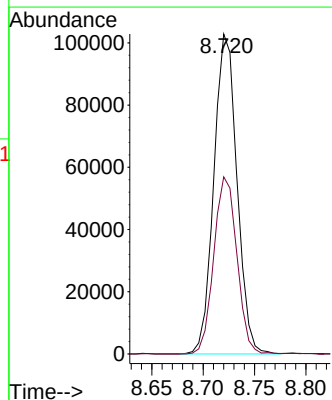
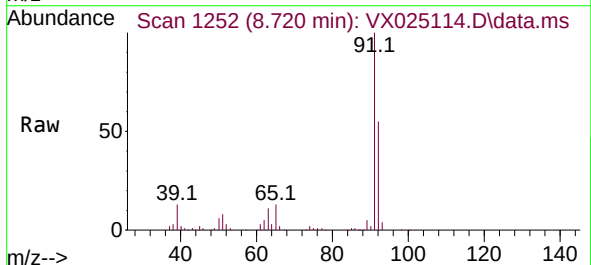
Acq: 09 Nov 2021 12:07

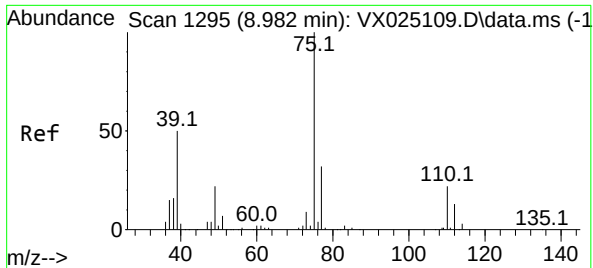
Tgt Ion: 91 Resp: 160886

Ion Ratio Lower Upper

91 100

92 55.4 39.3 72.9

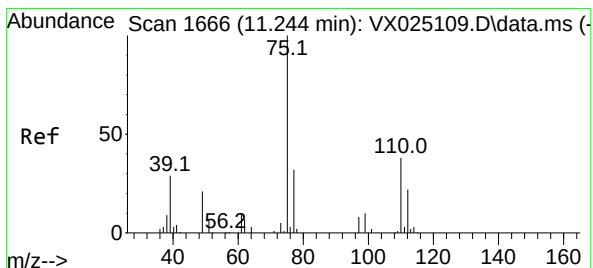
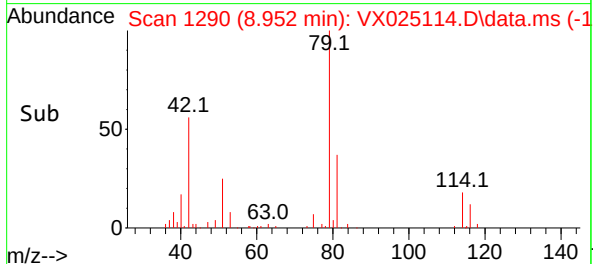
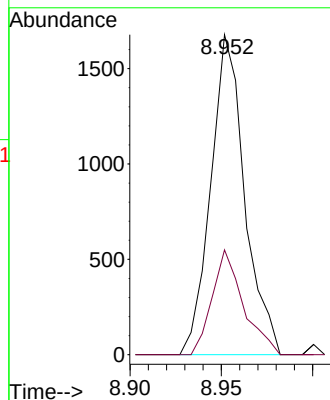
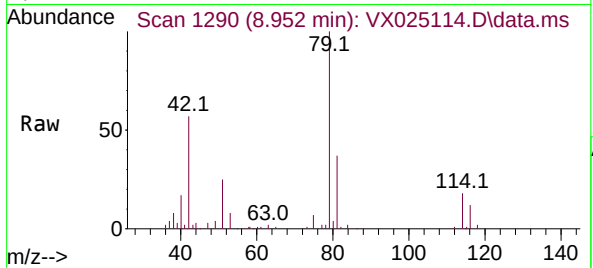




#44  
trans-1,3-Dichloropropene  
Concen: 1.194 ug/L  
RT: 8.952 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VX025114.D  
Acq: 09 Nov 2021 12:07

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 2166  
Ion Ratio Lower Upper  
75 100  
77 32.8 23.4 43.6



#61  
1,2,3-Trichloropropane  
Concen: 7.023 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.781 min  
Lab File: VX025114.D  
Acq: 09 Nov 2021 12:07

Tgt Ion: 75 Resp: 8848  
Ion Ratio Lower Upper  
75 100  
77 35.2 26.6 39.8  
110 3.2 37.2 55.8#

