

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
 Data File : VX025214.D  
 Acq On : 18 Nov 2021 17:13  
 Operator : JC/MD  
 Sample : M4677-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 19 05:28:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML111121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 19 05:25:45 2021  
 Response via : Initial Calibration

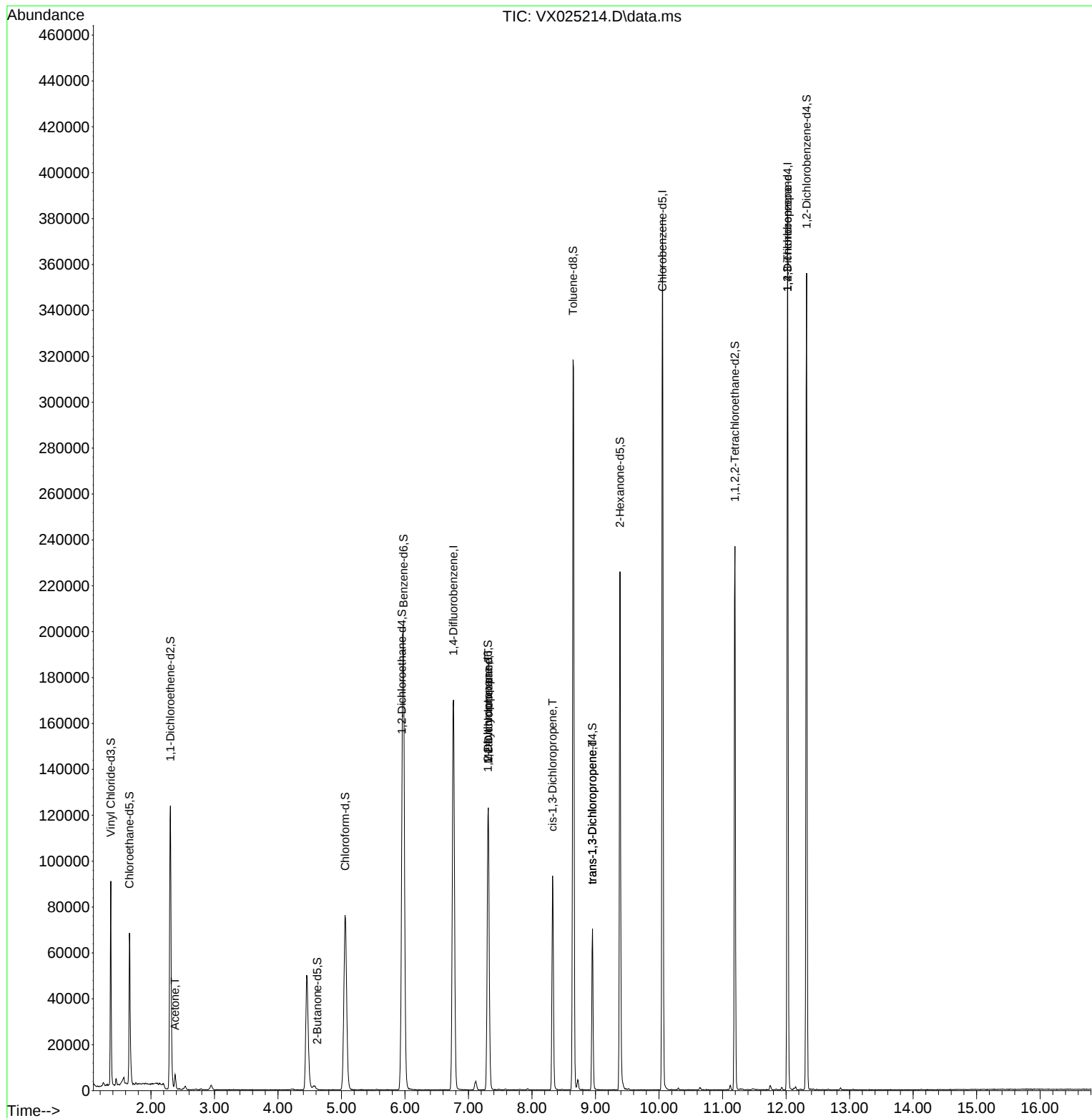
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 188047     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 171438     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 80850      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 53835      | 42.376   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 84.760%  |        |          |
| 7) Chloroethane-d5            | 1.660          | 69   | 46107      | 63.680   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 127.360% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 63   | 69303      | 31.718   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 63.440%  |        |          |
| 21) 2-Butanone-d5             | 4.617          | 46   | 93         | 0.097    | ug/L   | 0.16     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 0.100%#  |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 97396      | 43.579   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.160%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 61995      | 45.764   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.520%  |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 207597     | 44.367   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.740%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 63371      | 44.355   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 88.720%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 190490     | 42.631   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.260%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 31651      | 40.810   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.620%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 65266      | 85.070   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 85.070%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 89070      | 43.285   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 86.560%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 75093      | 46.853   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.700%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 2.380          | 43   | 6392       | 7.098    | ug/L   | 100      |
| 35) Methylcyclohexane         | 7.312          | 83   | 15757      | 6.770    | ug/L # | 24       |
| 37) 1,2-Dichloropropane       | 7.312          | 63   | 6953       | 5.270    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.324          | 75   | 2161       | 0.997    | ug/L # | 70       |
| 44) trans-1,3-Dichloropropene | 8.952          | 75   | 1483       | 0.703    | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 12.024         | 75   | 8957       | 5.883    | ug/L # | 61       |
| -----                         |                |      |            |          |        |          |

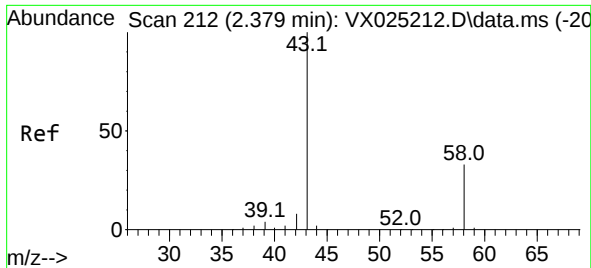
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 7.098 ug/L

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025214.D

Acq: 18 Nov 2021 17:13

Instrument :

MSVOA\_X

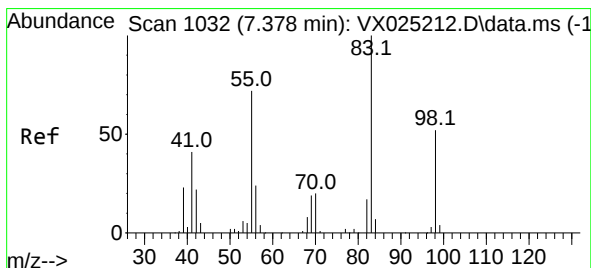
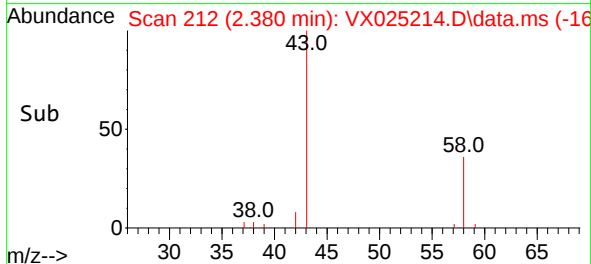
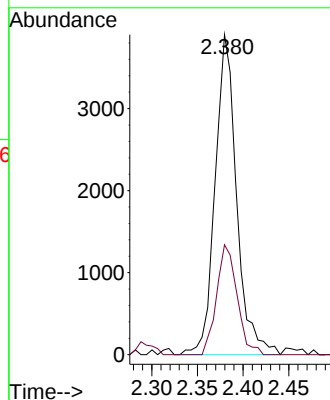
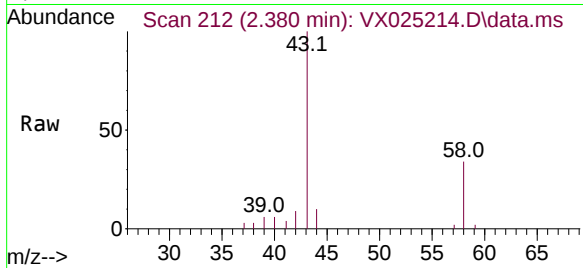
ClientSampleId :

Tgt Ion: 43 Resp: 6392

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.8



#35

Methylcyclohexane

Concen: 6.770 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.067 min

Lab File: VX025214.D

Acq: 18 Nov 2021 17:13

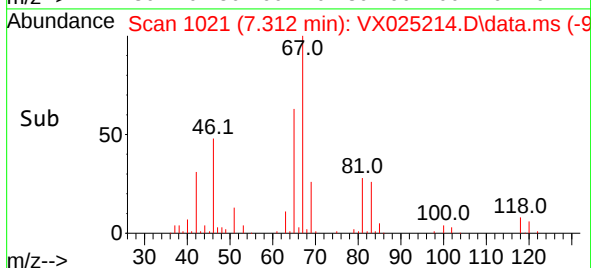
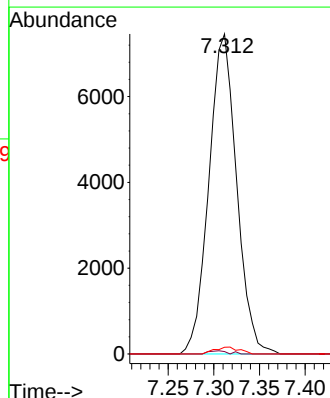
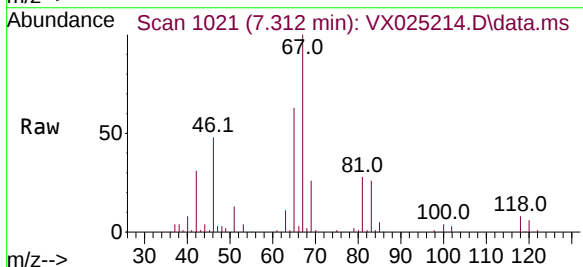
Tgt Ion: 83 Resp: 15757

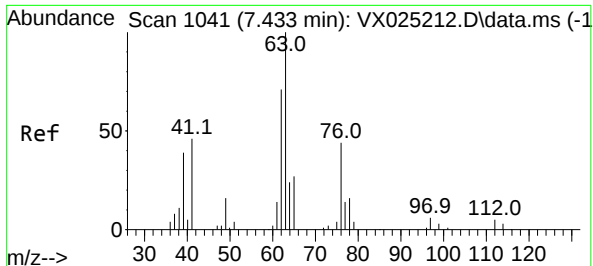
Ion Ratio Lower Upper

83 100

55 0.1 52.6 79.0#

98 1.9 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 5.270 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX025214.D

Acq: 18 Nov 2021 17:13

Instrument :

MSVOA\_X

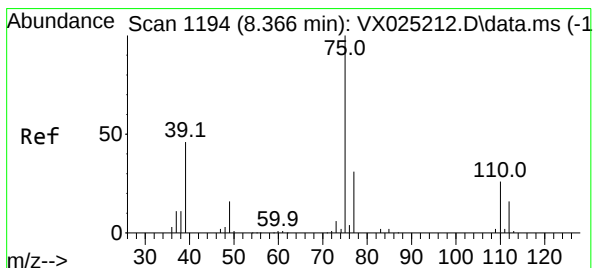
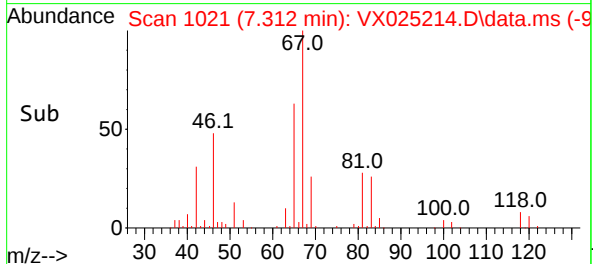
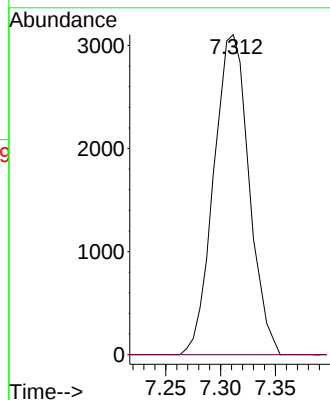
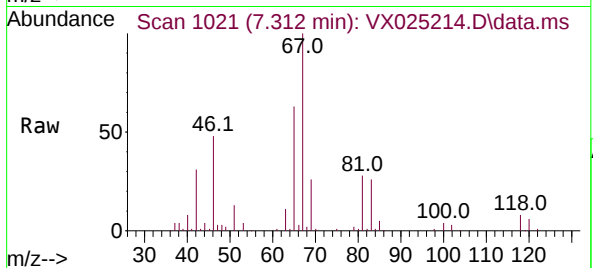
ClientSampleId :

Tgt Ion: 63 Resp: 6953

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX025214.D

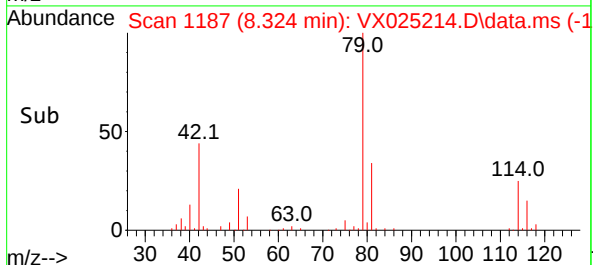
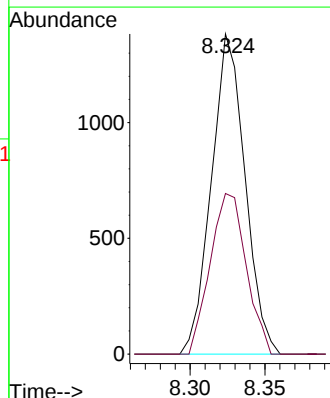
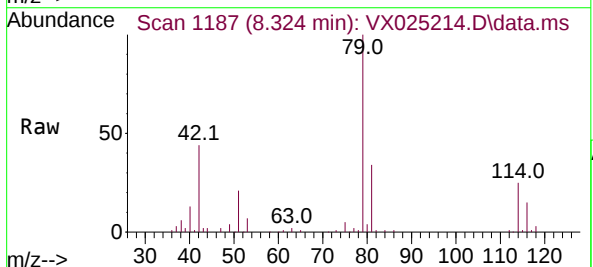
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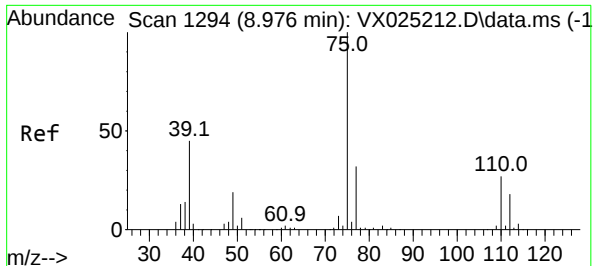
Tgt Ion: 75 Resp: 2161

Ion Ratio Lower Upper

75 100

77 50.2 23.1 42.9#

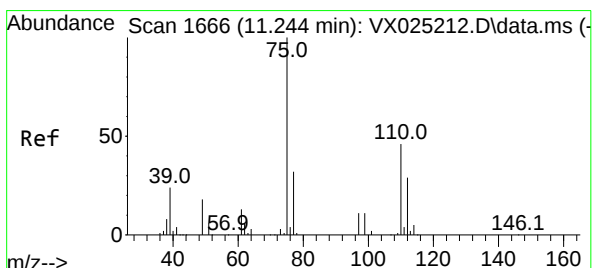
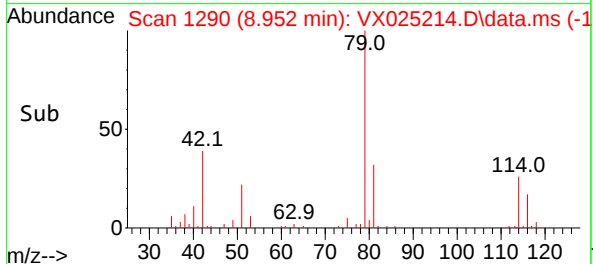
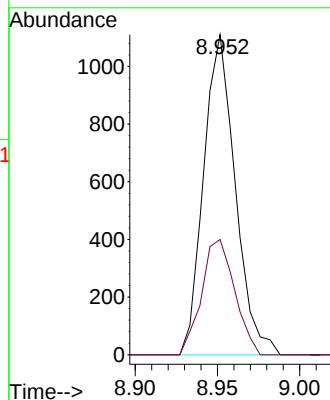
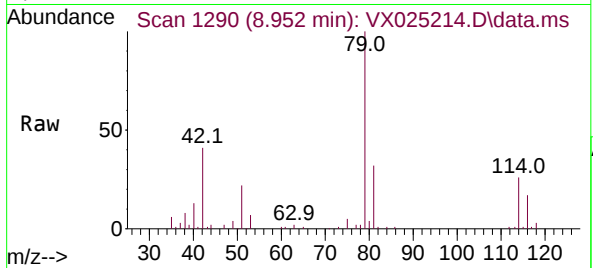




#44  
trans-1,3-Dichloropropene  
Concen: 0.703 ug/L  
RT: 8.952 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VX025214.D  
Acq: 18 Nov 2021 17:13

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 1483  
Ion Ratio Lower Upper  
75 100  
77 36.0 23.4 43.6



#61  
1,2,3-Trichloropropane  
Concen: 5.883 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.781 min  
Lab File: VX025214.D  
Acq: 18 Nov 2021 17:13

Tgt Ion: 75 Resp: 8957  
Ion Ratio Lower Upper  
75 100  
77 32.5 26.6 39.8  
110 2.9 37.2 55.8#

