

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080522\  
 Data File : VX030434.D  
 Acq On : 05 Aug 2022 16:56  
 Operator : JC/MD  
 Sample : N4003-21DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 06 00:58:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 00:54:06 2022  
 Response via : Initial Calibration

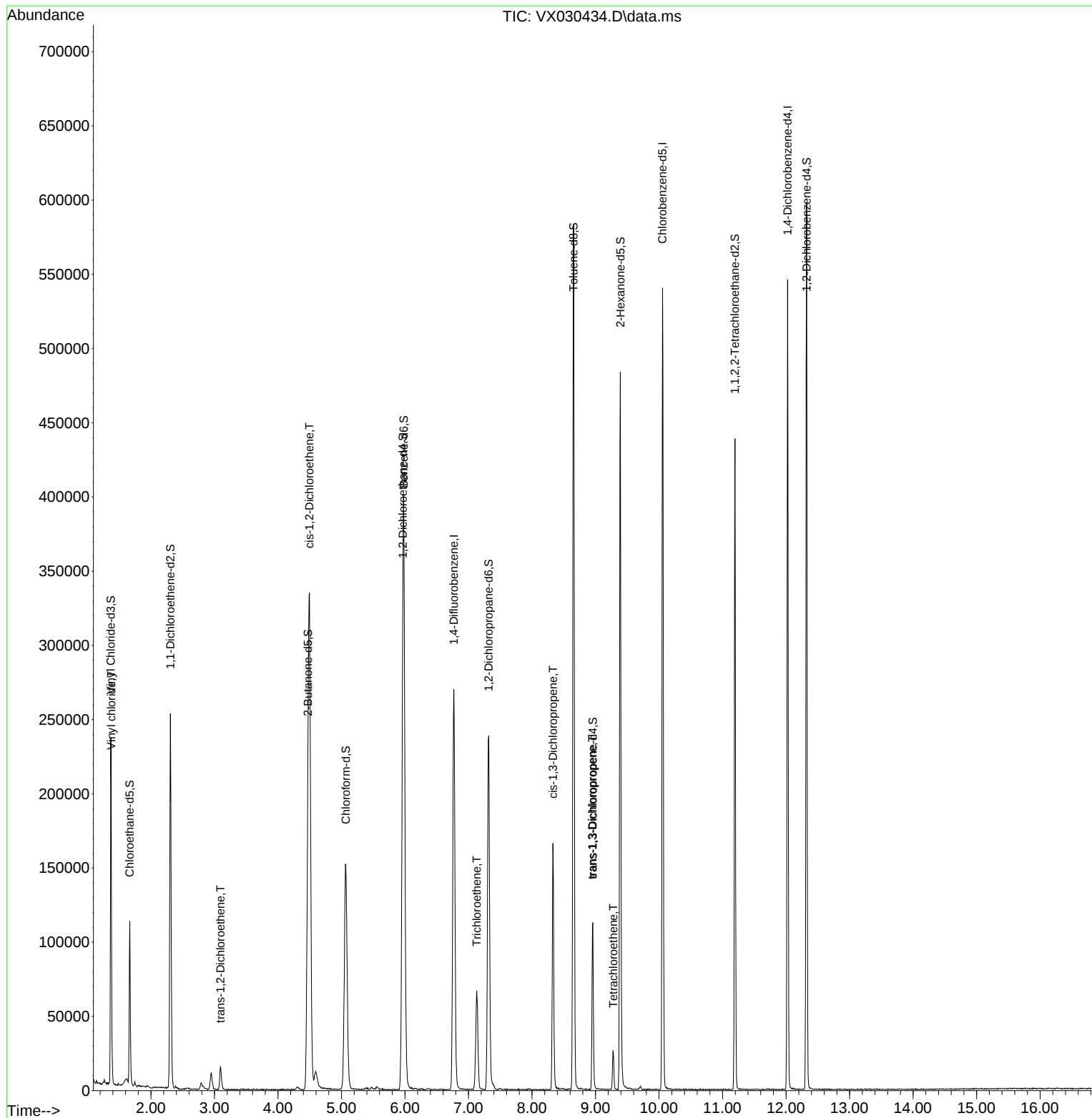
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.769     | 114   | 262514   | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 231856   | 50.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 101907   | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 1.368     | 65    | 87050    | 51.637   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 103.280% |          |
| 7) Chloroethane-d5            | 1.666     | 69    | 67692    | 56.960   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 113.920% |          |
| 11) 1,1-Dichloroethene-d2     | 2.306     | 63    | 135602   | 42.523   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 85.040%  |          |
| 21) 2-Butanone-d5             | 4.471     | 46    | 196790   | 125.986  | ug/L       | 0.01     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 125.990% |          |
| 24) Chloroform-d              | 5.068     | 84    | 189737   | 54.674   | ug/L       | 0.01     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 109.340% |          |
| 26) 1,2-Dichloroethane-d4     | 5.964     | 65    | 133022   | 56.452   | ug/L       | 0.01     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 112.900% |          |
| 32) Benzene-d6                | 5.983     | 84    | 372816   | 56.135   | ug/L       | 0.01     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 112.260% |          |
| 36) 1,2-Dichloropropane-d6    | 7.318     | 67    | 122416   | 56.812   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 113.620% |          |
| 41) Toluene-d8                | 8.653     | 98    | 334700   | 53.464   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 106.920% |          |
| 43) trans-1,3-Dichloroprop... | 8.958     | 79    | 51998    | 48.507   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 97.020%  |          |
| 47) 2-Hexanone-d5             | 9.390     | 63    | 131475   | 119.704  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 119.700% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195    | 84    | 159396   | 56.310   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 112.620% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 112655   | 56.994   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 113.980% |          |
| -----                         |           |       |          |          |            |          |
| Target Compounds              |           |       |          |          |            | Qvalue   |
| 5) Vinyl chloride             | 1.374     | 62    | 71729    | 39.536   | ug/L       | 98       |
| 17) trans-1,2-Dichloroethene  | 3.093     | 96    | 4926     | 2.894    | ug/L       | 89       |
| 20) cis-1,2-Dichloroethene    | 4.495     | 96    | 174356   | 91.054   | ug/L       | 99       |
| 34) Trichloroethene           | 7.129     | 95    | 22846    | 10.611   | ug/L       | 92       |
| 39) cis-1,3-Dichloropropene   | 8.330     | 75    | 3850     | 1.306    | ug/L #     | 47       |
| 44) trans-1,3-Dichloropropene | 8.952     | 75    | 2225     | 0.771    | ug/L       | 95       |
| 46) Tetrachloroethene         | 9.281     | 164   | 4597     | 3.378    | ug/L       | 97       |
| -----                         |           |       |          |          |            |          |

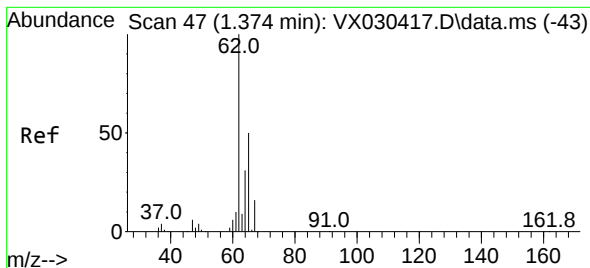
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080522\  
Data File : VX030434.D  
Acq On : 05 Aug 2022 16:56  
Operator : JC/MD  
Sample : N4003-21DL 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Aug 06 00:58:56 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM080422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 06 00:54:06 2022  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 39.536 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030434.D

Acq: 05 Aug 2022 16:56

Instrument :

MSVOA\_X

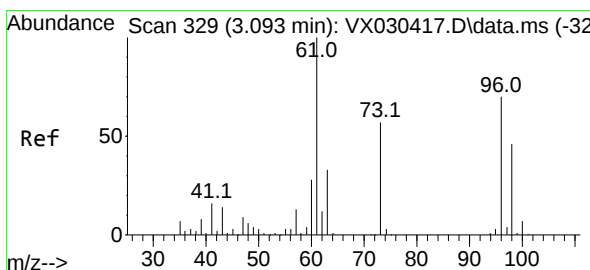
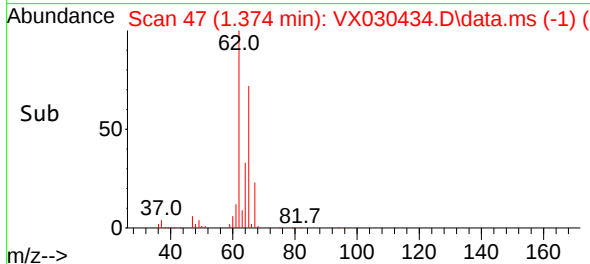
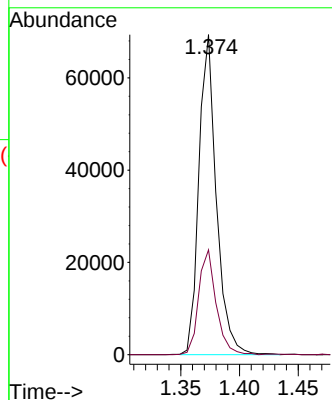
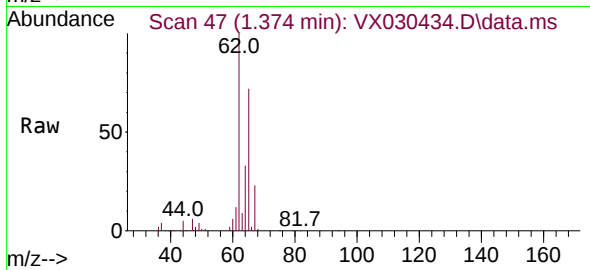
ClientSampleId :

Tgt Ion: 62 Resp: 71729

Ion Ratio Lower Upper

62 100

64 32.7 23.8 44.2



#17

trans-1,2-Dichloroethene

Concen: 2.894 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030434.D

Acq: 05 Aug 2022 16:56

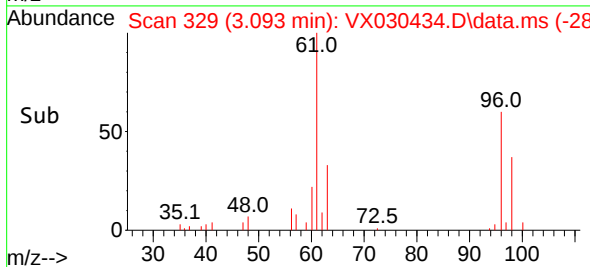
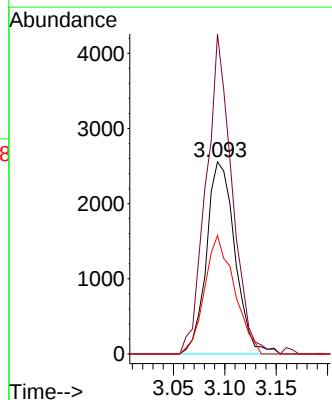
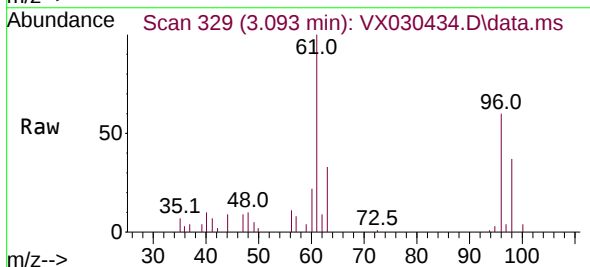
Tgt Ion: 96 Resp: 4926

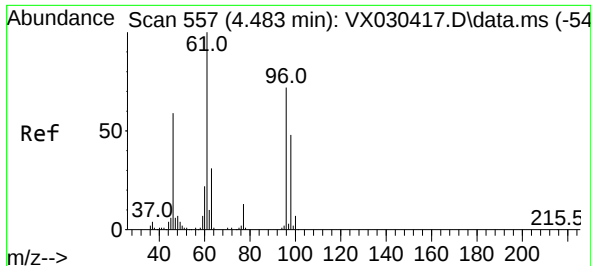
Ion Ratio Lower Upper

96 100

61 166.6 103.7 192.5

98 61.7 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 91.054 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

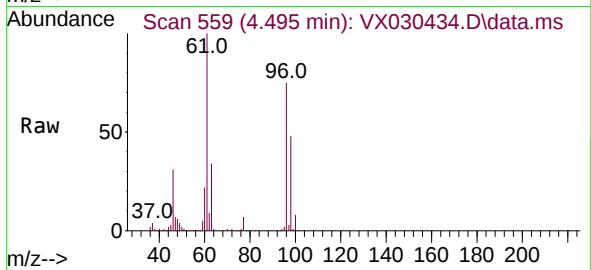
Lab File: VX030434.D

Acq: 05 Aug 2022 16:56

Instrument :

MSVOA\_X

ClientSampleId :



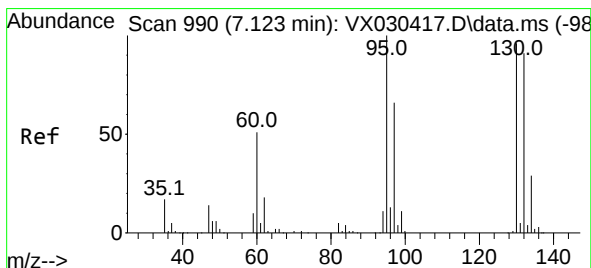
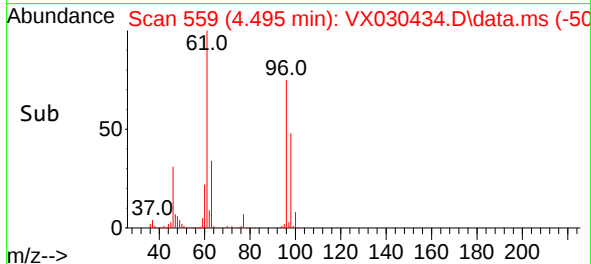
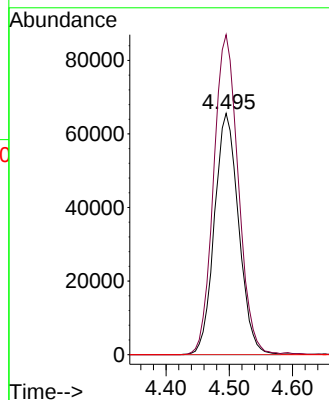
Tgt Ion: 96 Resp: 174356

Ion Ratio Lower Upper

96 100

61 132.6 94.0 174.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 10.611 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX030434.D

Acq: 05 Aug 2022 16:56

Tgt Ion: 95 Resp: 22846

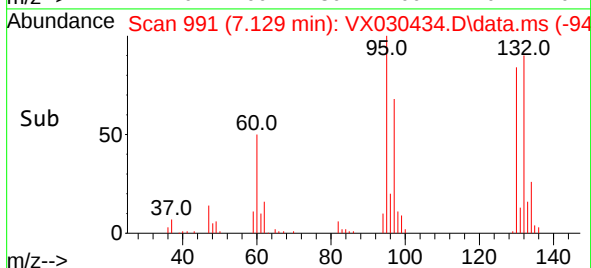
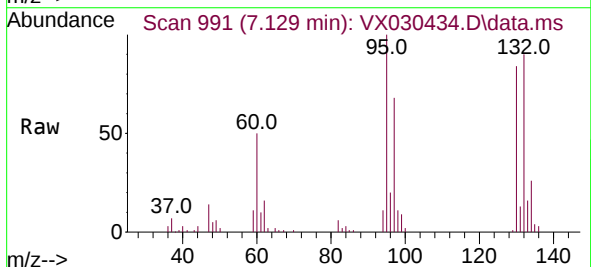
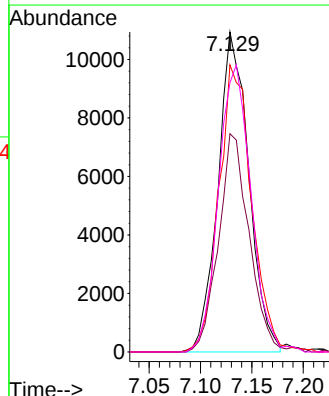
Ion Ratio Lower Upper

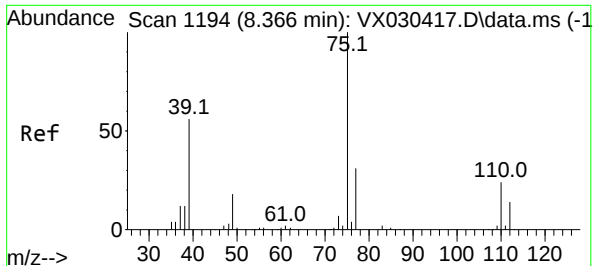
95 100

97 68.2 40.2 74.6

132 89.7 55.3 102.7

130 84.2 58.9 109.5





#39

cis-1,3-Dichloropropene

Concen: 1.306 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX030434.D

Acq: 05 Aug 2022 16:56

Instrument :

MSVOA\_X

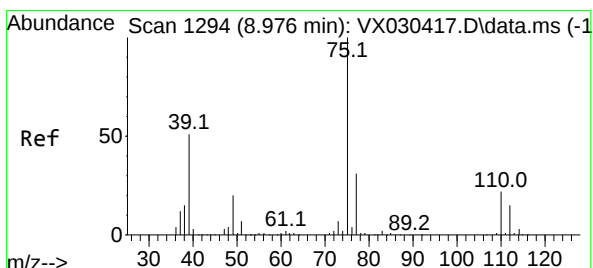
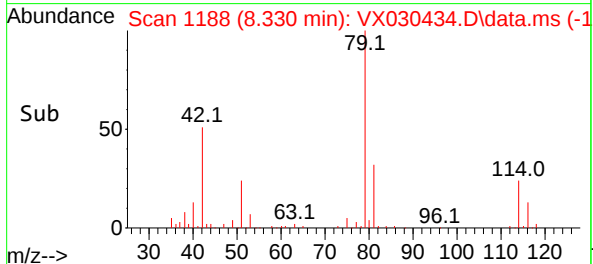
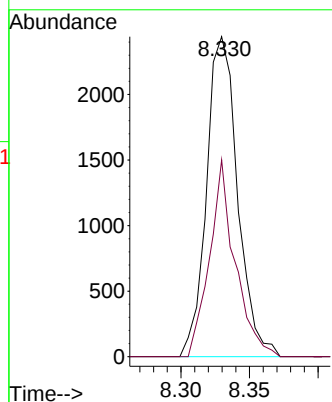
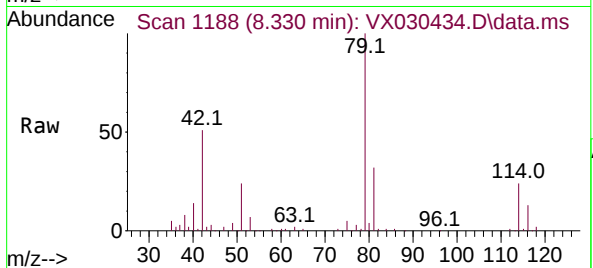
ClientSampleId :

Tgt Ion: 75 Resp: 3850

Ion Ratio Lower Upper

75 100

77 61.5 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.771 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX030434.D

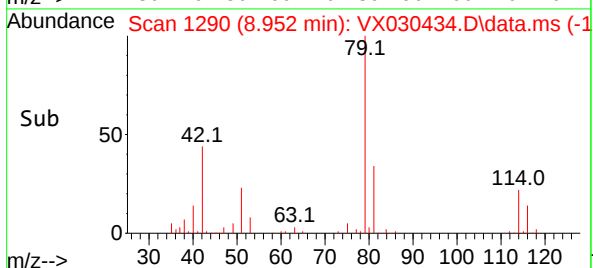
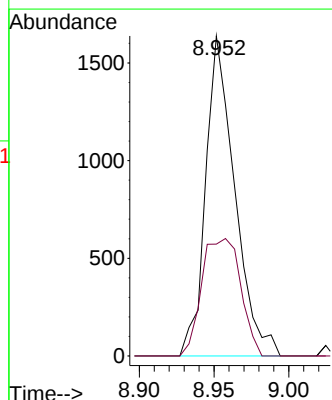
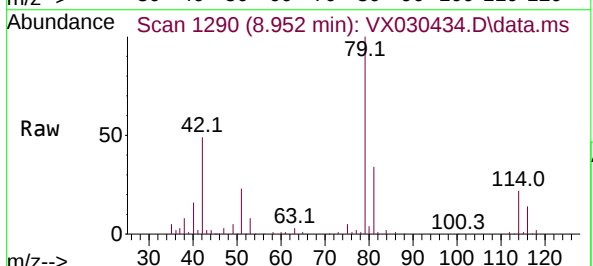
Acq: 05 Aug 2022 16:56

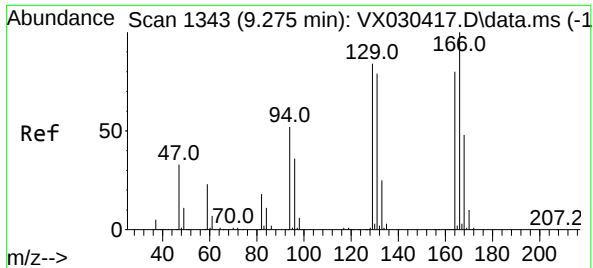
Tgt Ion: 75 Resp: 2225

Ion Ratio Lower Upper

75 100

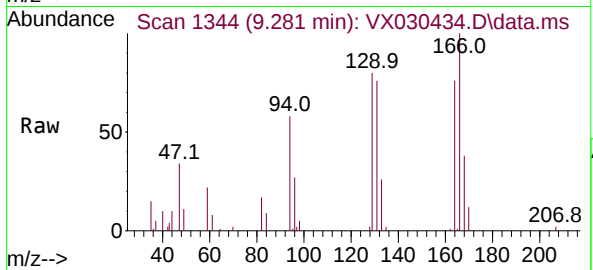
77 35.0 22.5 41.7





#46  
 Tetrachloroethene  
 Concen: 3.378 ug/L  
 RT: 9.281 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX030434.D  
 Acq: 05 Aug 2022 16:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 4597  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 106.2 | 72.7  | 135.1 |
| 131      | 100.4 | 69.9  | 129.9 |
| 166      | 132.0 | 88.3  | 164.1 |

