

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080422\  
 Data File : VX030406.D  
 Acq On : 04 Aug 2022 20:58  
 Operator : JC/MD  
 Sample : N4003-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5D88

Quant Time: Aug 05 05:29:32 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 05:25:14 2022  
 Response via : Initial Calibration

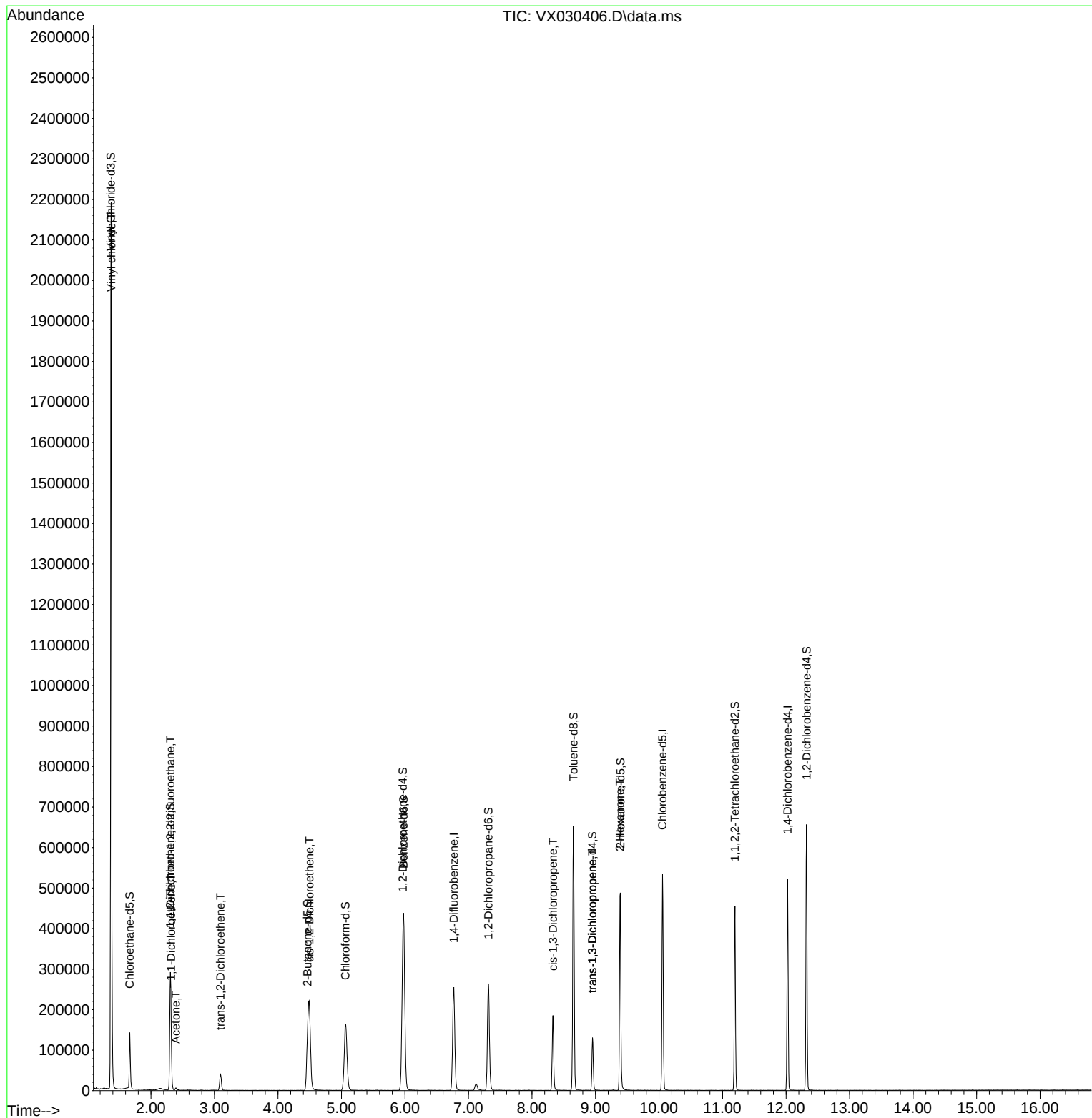
| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) 1,4-Difluorobenzene        | 6.769     | 114   | 252245   | 50.000   | ug/L        | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 224299   | 50.000   | ug/L        | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 99694    | 50.000   | ug/L        | 0.00     |
|                               |           |       |          |          |             |          |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 4) Vinyl Chloride-d3          | 1.368     | 65    | 109717   | 67.732   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 135.460%# |          |
| 7) Chloroethane-d5            | 1.666     | 69    | 81564    | 71.427   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 142.860%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.306     | 63    | 167213   | 54.571   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 109.140%  |          |
| 21) 2-Butanone-d5             | 4.465     | 46    | 200047   | 133.285  | ug/L        | 0.00     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 133.290%# |          |
| 24) Chloroform-d              | 5.062     | 84    | 204080   | 61.201   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 122.400%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.964     | 65    | 142709   | 63.029   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 126.060%# |          |
| 32) Benzene-d6                | 5.977     | 84    | 412250   | 64.164   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 128.320%# |          |
| 36) 1,2-Dichloropropane-d6    | 7.312     | 67    | 134360   | 64.455   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 128.920%# |          |
| 41) Toluene-d8                | 8.653     | 98    | 372374   | 61.486   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 122.980%# |          |
| 43) trans-1,3-Dichloroprop... | 8.952     | 79    | 59679    | 57.549   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 115.100%  |          |
| 47) 2-Hexanone-d5             | 9.391     | 63    | 134982   | 127.038  | ug/L        | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 127.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195    | 84    | 168638   | 61.582   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 123.160%# |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 123527   | 63.882   | ug/L        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 127.760%# |          |
|                               |           |       |          |          |             |          |
| Target Compounds              |           |       |          |          |             | Qvalue   |
| 5) Vinyl chloride             | 1.374     | 62    | 1276482  | 732.215  | ug/L        | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.306     | 101   | 1701     | 1.110    | ug/L #      | 22       |
| 12) 1,1-Dichloroethene        | 2.319     | 96    | 7622     | 5.399    | ug/L #      | 1        |
| 13) Acetone                   | 2.392     | 43    | 6493     | 5.903    | ug/L        | 97       |
| 17) trans-1,2-Dichloroethene  | 3.093     | 96    | 15680    | 9.586    | ug/L        | 97       |
| 20) cis-1,2-Dichloroethene    | 4.495     | 96    | 100669   | 54.713   | ug/L        | 100      |
| 39) cis-1,3-Dichloropropene   | 8.330     | 75    | 4188     | 1.468    | ug/L #      | 71       |
| 44) trans-1,3-Dichloropropene | 8.952     | 75    | 2780     | 0.996    | ug/L #      | 66       |
| 48) 2-Hexanone                | 9.384     | 43    | 17797    | 6.879    | ug/L #      | 71       |
| -----                         |           |       |          |          |             |          |

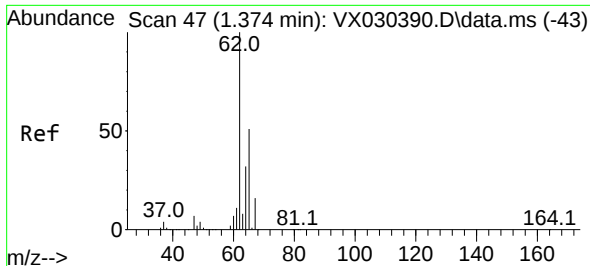
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Aug 05 05:25:14 2022  
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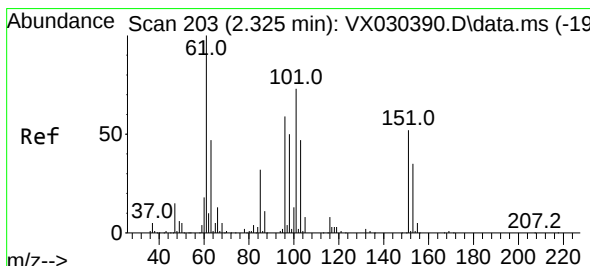
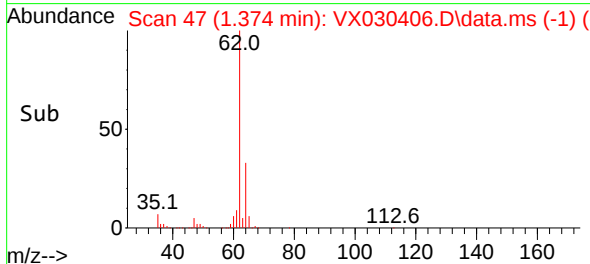
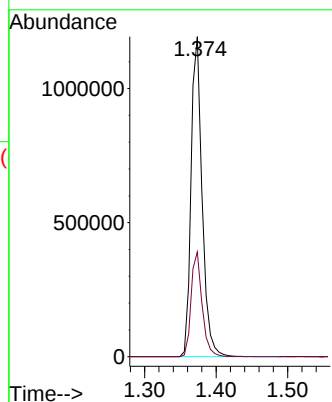
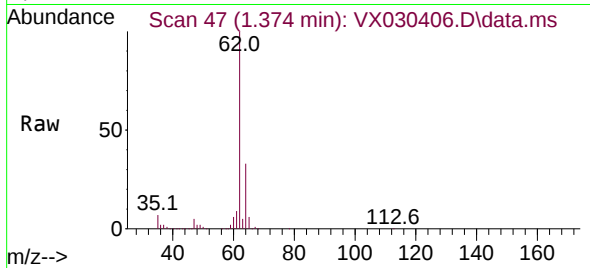




#5  
 Vinyl chloride  
 Concen: 732.215 ug/L  
 RT: 1.374 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX030406.D  
 Acq: 04 Aug 2022 20:58

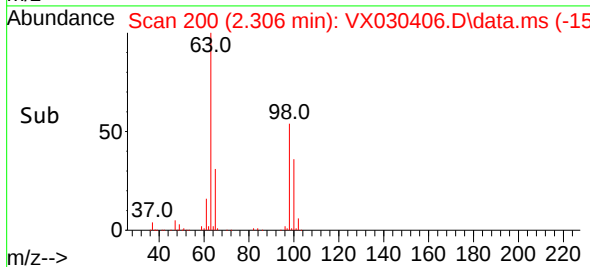
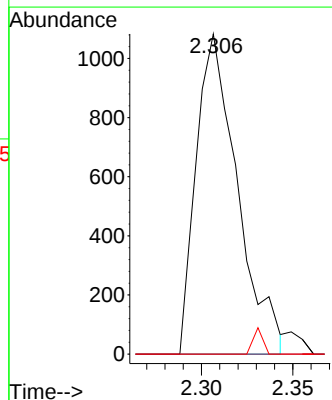
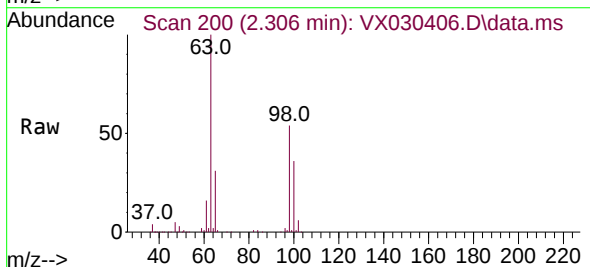
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5D88

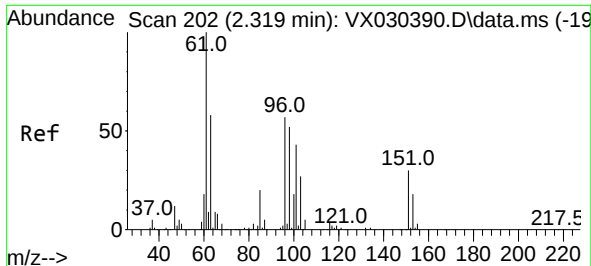
Tgt Ion: 62 Resp: 1276482  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 23.8 44.2



#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.110 ug/L  
 RT: 2.306 min Scan# 200  
 Delta R.T. -0.018 min  
 Lab File: VX030406.D  
 Acq: 04 Aug 2022 20:58

Tgt Ion: 101 Resp: 1701  
 Ion Ratio Lower Upper  
 101 100  
 85 3.4 35.3 52.9#  
 151 0.0 58.3 87.5#





#12

1,1-Dichloroethene

Concen: 5.399 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030406.D

Acq: 04 Aug 2022 20:58

Instrument :

MSVOA\_X

ClientSampleId :

F5D88

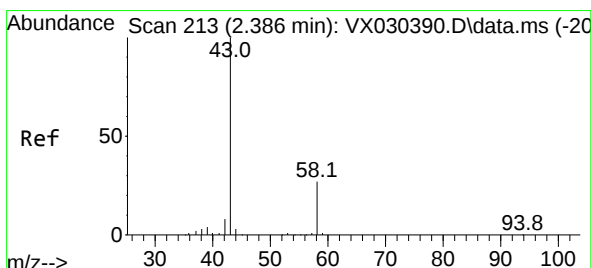
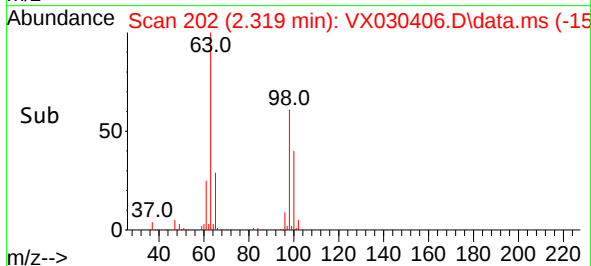
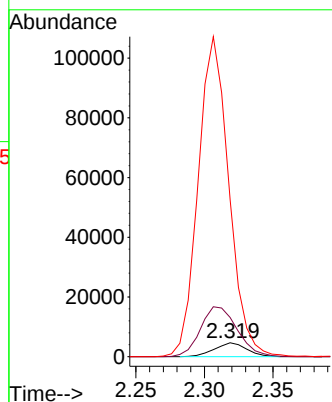
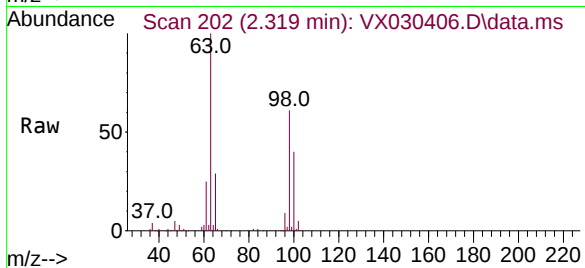
Tgt Ion: 96 Resp: 7622

Ion Ratio Lower Upper

96 100

61 281.1 130.2 241.8#

63 1123.9 113.5 210.9#



#13

Acetone

Concen: 5.903 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX030406.D

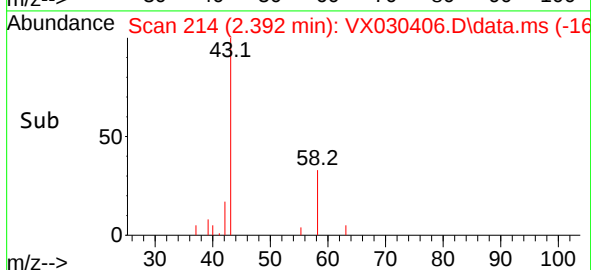
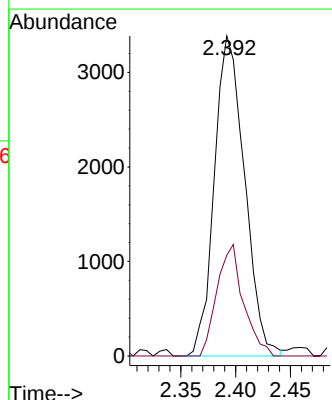
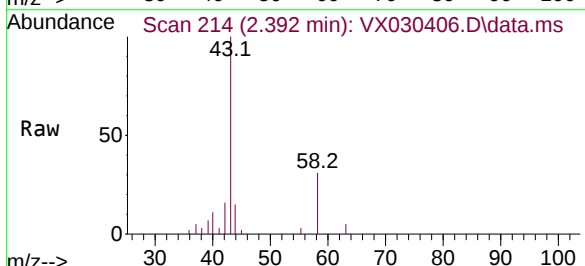
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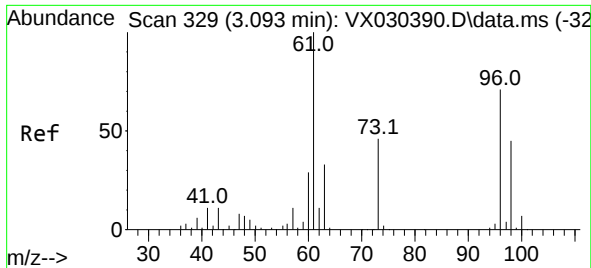
Tgt Ion: 43 Resp: 6493

Ion Ratio Lower Upper

43 100

58 30.4 0.0 57.8

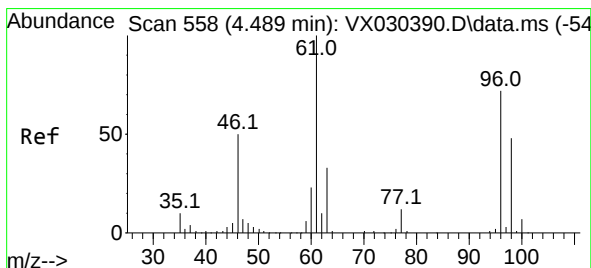
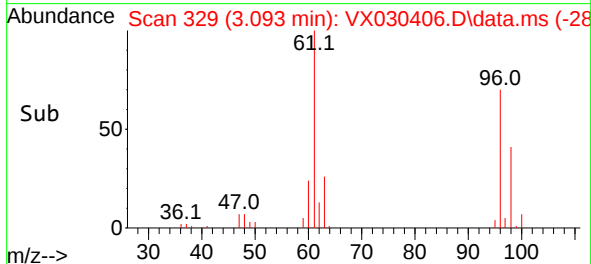
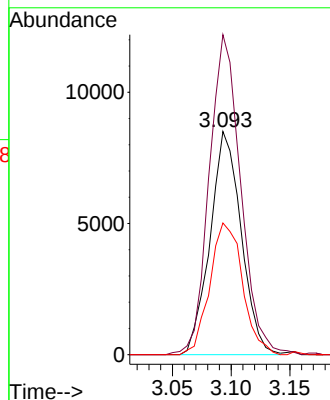
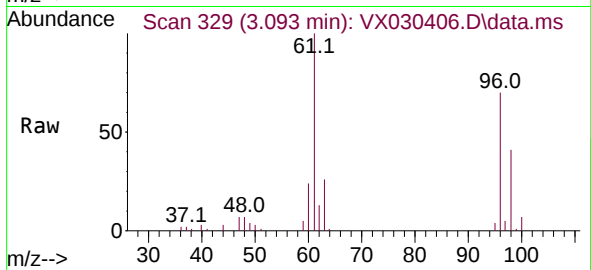




#17  
trans-1,2-Dichloroethene  
Concen: 9.586 ug/L  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX030406.D  
Acq: 04 Aug 2022 20:58

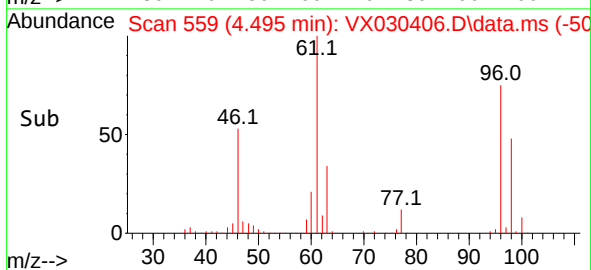
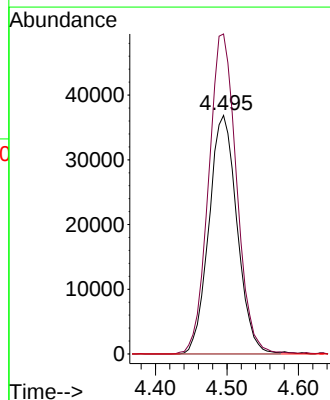
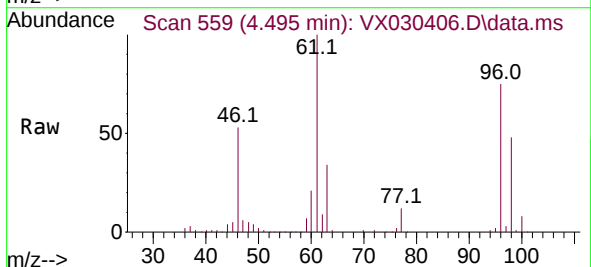
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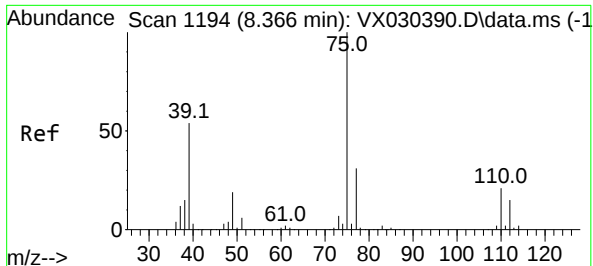
Tgt Ion: 96 Resp: 15680  
Ion Ratio Lower Upper  
96 100  
61 143.3 103.7 192.5  
98 59.0 41.5 77.1



#20  
cis-1,2-Dichloroethene  
Concen: 54.713 ug/L  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX030406.D  
Acq: 04 Aug 2022 20:58

Tgt Ion: 96 Resp: 100669  
Ion Ratio Lower Upper  
96 100  
61 134.1 94.0 174.6  
68 0.0 0.0 0.0





#39

cis-1,3-Dichloropropene

Concen: 1.468 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX030406.D

Acq: 04 Aug 2022 20:58

Instrument :

MSVOA\_X

ClientSampleId :

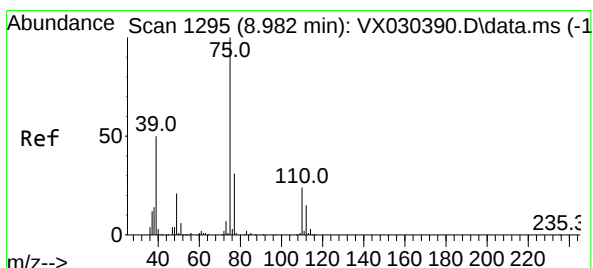
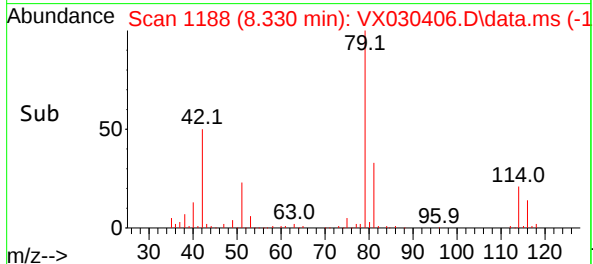
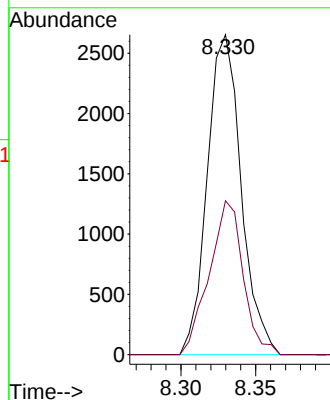
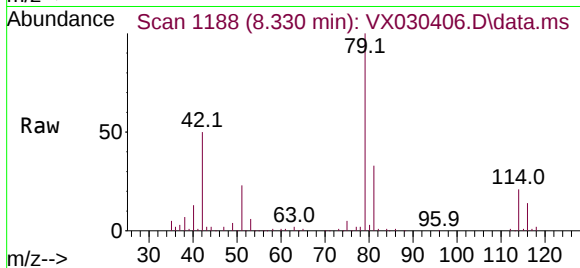
F5D88

Tgt Ion: 75 Resp: 4188

Ion Ratio Lower Upper

75 100

77 48.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.996 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030406.D

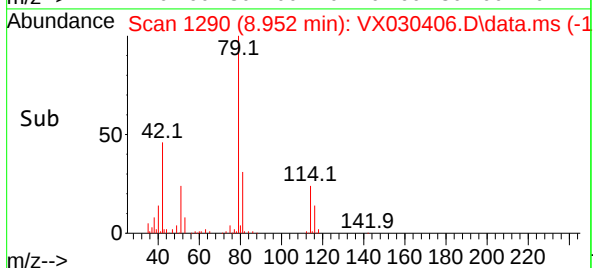
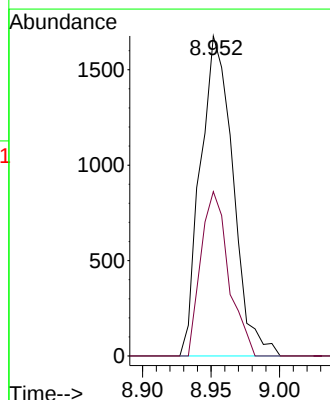
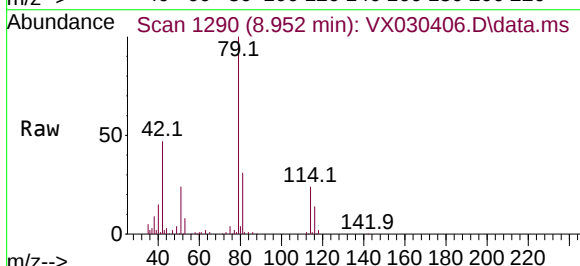
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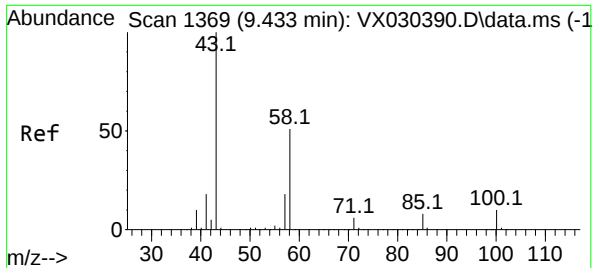
Tgt Ion: 75 Resp: 2780

Ion Ratio Lower Upper

75 100

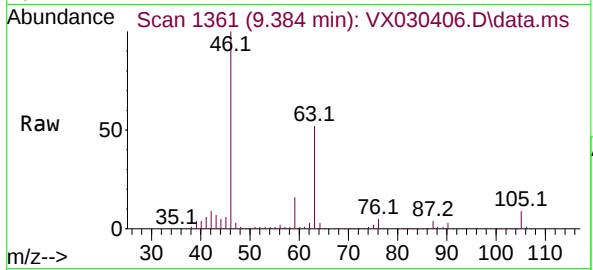
77 51.3 22.5 41.7#





#48  
 2-Hexanone  
 Concen: 6.879 ug/L  
 RT: 9.384 min Scan# 11  
 Delta R.T. -0.049 min  
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 MSVOA\_X  
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|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 17797 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 26.4     | 40.4 60.6#  |
| 57 24.2     | 14.6 22.0#  |
| 100 0.9     | 8.2 12.4#   |

