

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061422\  
 Data File : VX029475.D  
 Acq On : 14 Jun 2022 19:14  
 Operator : JC/MD  
 Sample : N3313-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YB7L2

Quant Time: Jun 15 05:48:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 15 05:41:21 2022  
 Response via : Initial Calibration

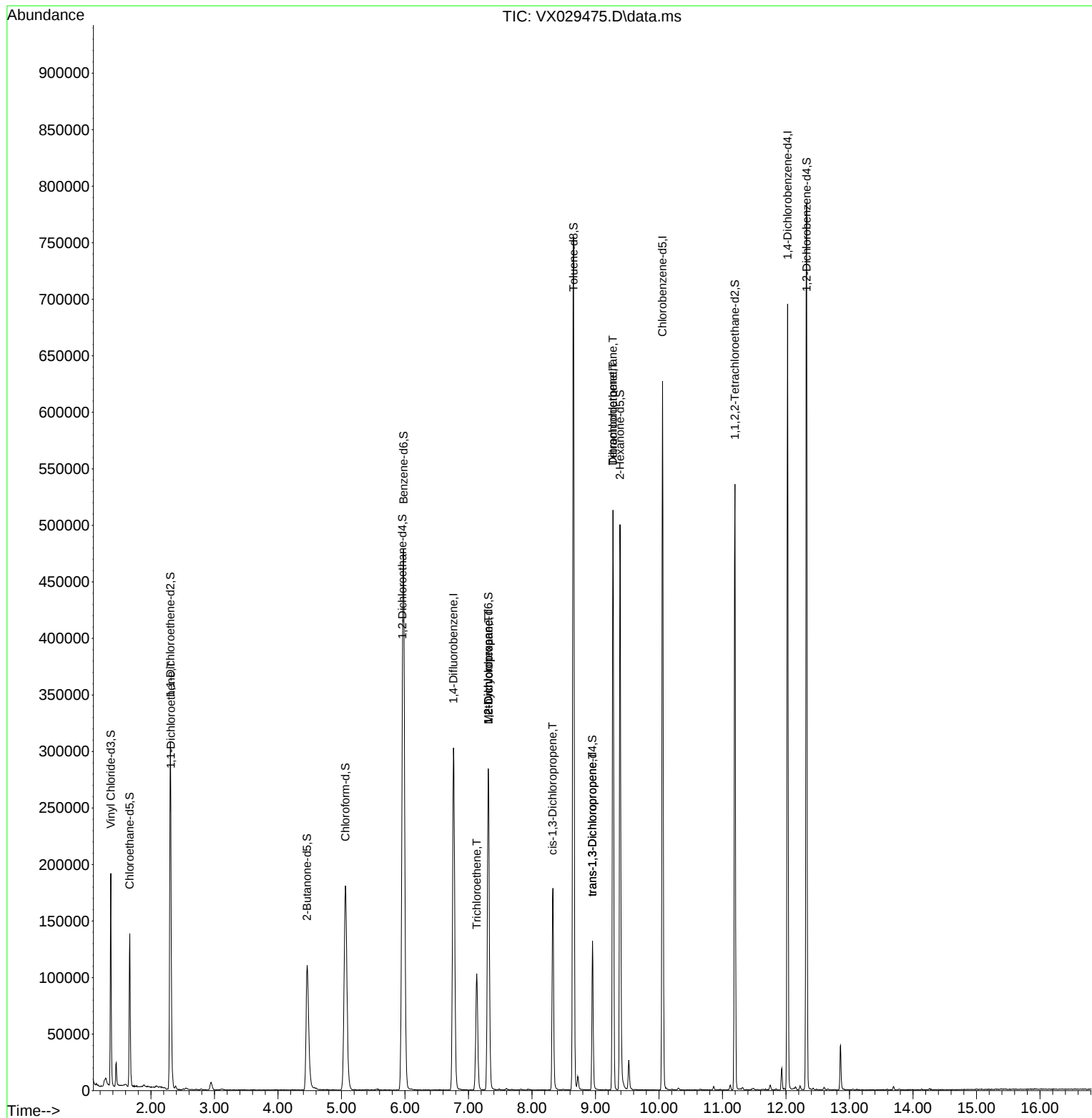
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 315283   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 285631   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 137911   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 119768   | 49.063   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 98.120%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 94236    | 62.118   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 124.240% |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 172577   | 39.238   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.480%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 193211   | 104.391  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 104.390% |
| 24) Chloroform-d              | 5.062   | 84    | 238499   | 51.171   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.340% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 153820   | 51.046   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.100% |
| 32) Benzene-d6                | 5.977   | 84    | 492599   | 55.212   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.420% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 144152   | 55.164   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 110.320% |
| 41) Toluene-d8                | 8.653   | 98    | 451917   | 53.727   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 107.460% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 63652    | 49.398   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.800%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 152116   | 107.624  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.620% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 207455   | 54.142   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 108.280% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 159715   | 55.704   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.400% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 2767     | 1.294    | ug/L # | 1        |
| 34) Trichloroethene           | 7.129   | 95    | 39572    | 12.021   | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.312   | 83    | 37431    | 9.007    | ug/L # | 19       |
| 37) 1,2-Dichloropropane       | 7.312   | 63    | 16592    | 7.286    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.324   | 75    | 4299     | 1.181    | ug/L # | 69       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 2924     | 0.857    | ug/L # | 83       |
| 46) Tetrachloroethene         | 9.275   | 164   | 93747    | 49.612   | ug/L   | 95       |
| 49) Dibromochloromethane      | 9.275   | 129   | 95405    | 38.045   | ug/L # | 11       |
| -----                         |         |       |          |          |        |          |

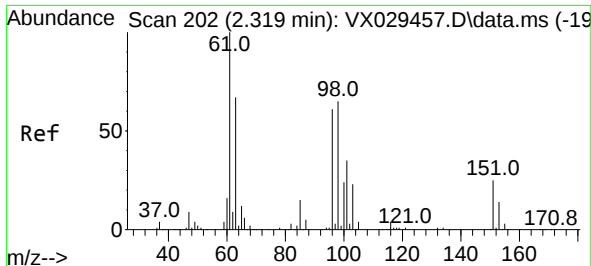
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 05:48:46 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM061322WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 15 05:41:21 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.294 ug/L

RT: 2.313 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX029475.D

Acq: 14 Jun 2022 19:14

Instrument :

MSVOA\_X

ClientSampleId :

YB7L2

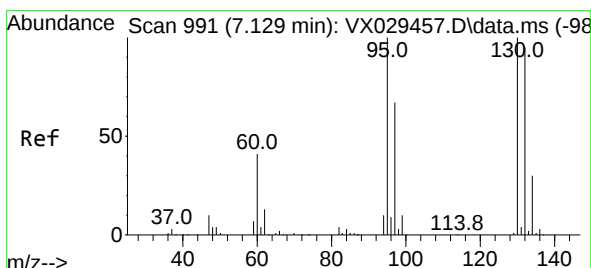
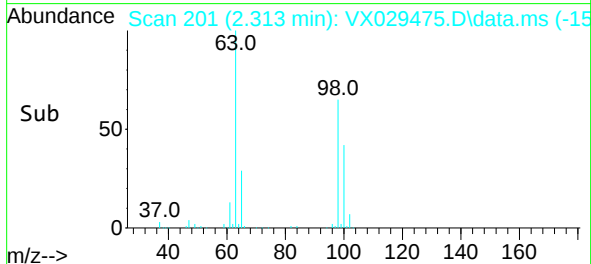
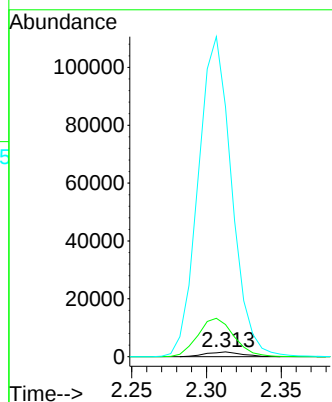
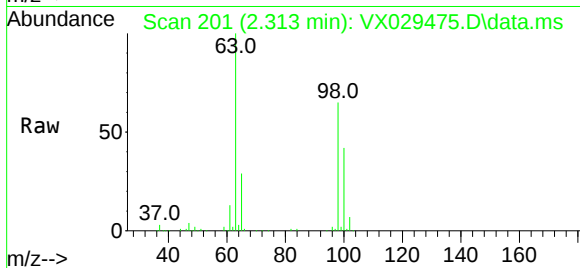
Tgt Ion: 96 Resp: 2767

Ion Ratio Lower Upper

96 100

61 681.5 118.2 219.4#

63 5288.3 109.6 203.4#



#34

Trichloroethene

Concen: 12.021 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX029475.D

Acq: 14 Jun 2022 19:14

Tgt Ion: 95 Resp: 39572

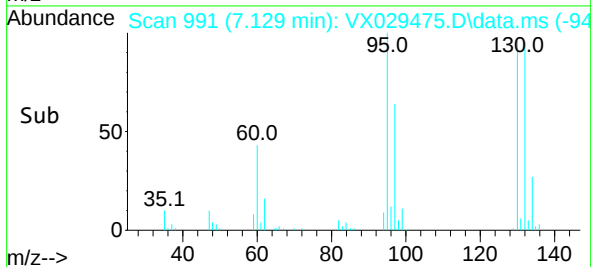
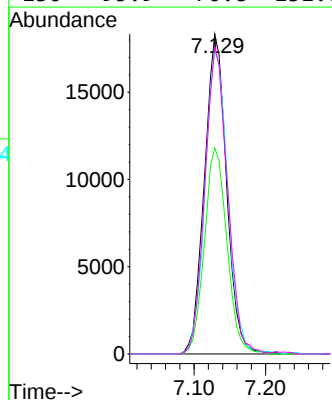
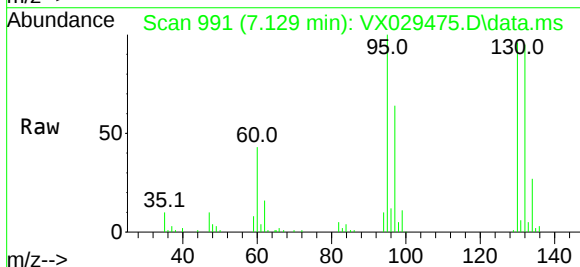
Ion Ratio Lower Upper

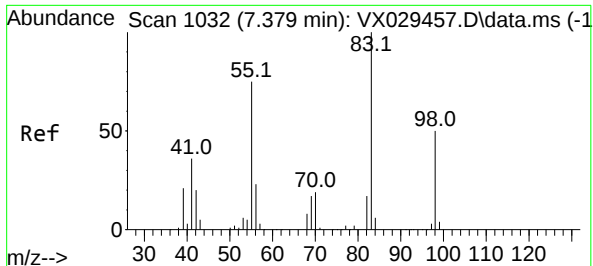
95 100

97 64.4 45.5 84.5

132 95.3 69.9 129.7

130 95.9 70.8 131.6

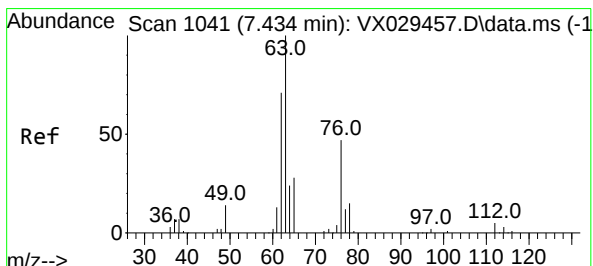
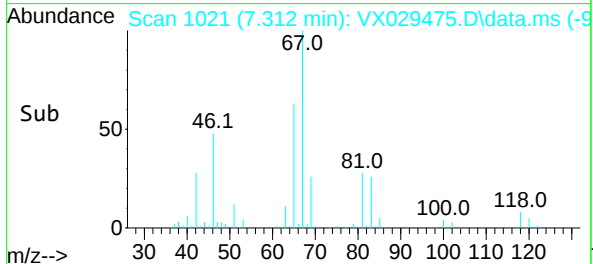
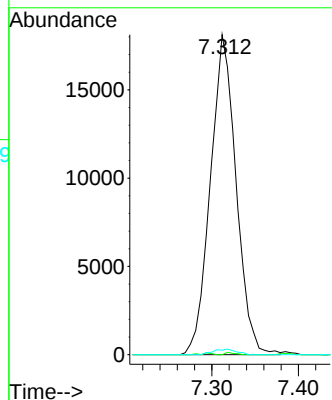
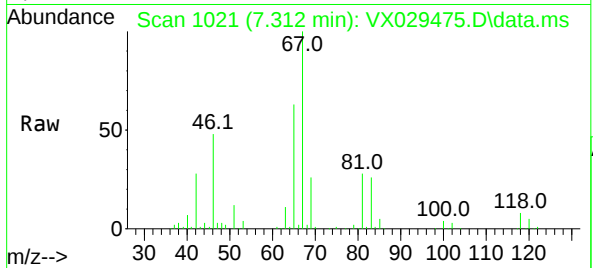




#35  
Methylcyclohexane  
Concen: 9.007 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.067 min  
Lab File: VX029475.D  
Acq: 14 Jun 2022 19:14

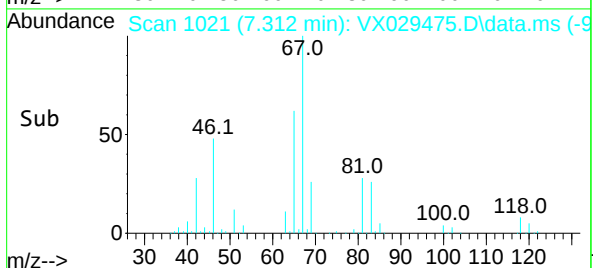
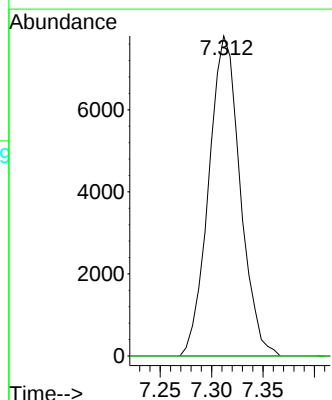
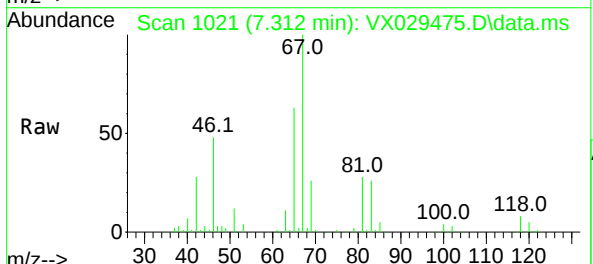
Instrument :  
MSVOA\_X  
ClientSampleId :  
YB7L2

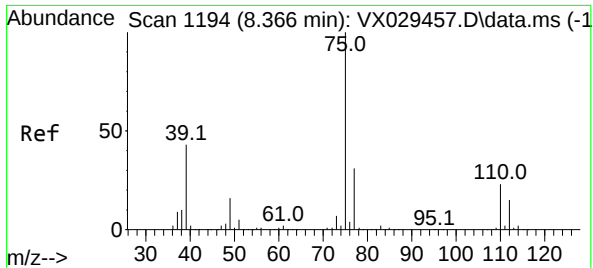
Tgt Ion: 83 Resp: 37431  
Ion Ratio Lower Upper  
83 100  
55 0.3 60.6 90.8#  
98 1.6 39.8 59.8#



#37  
1,2-Dichloropropane  
Concen: 7.286 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.122 min  
Lab File: VX029475.D  
Acq: 14 Jun 2022 19:14

Tgt Ion: 63 Resp: 16592  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 1.181 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.042 min

Lab File: VX029475.D

Acq: 14 Jun 2022 19:14

Instrument :

MSVOA\_X

ClientSampleId :

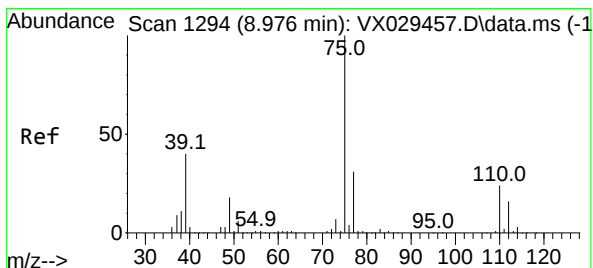
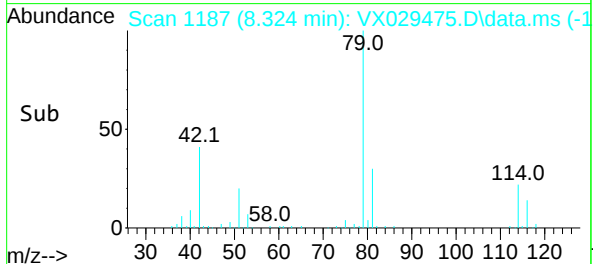
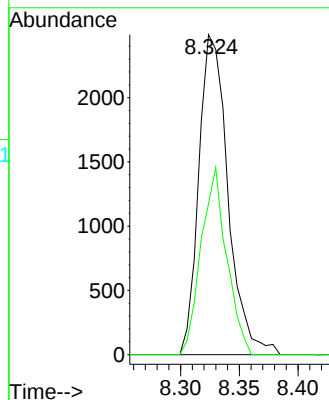
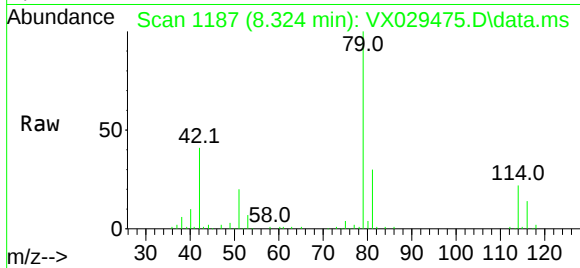
YB7L2

Tgt Ion: 75 Resp: 4299

Ion Ratio Lower Upper

75 100

77 47.1 21.1 39.1#



#44

trans-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX029475.D

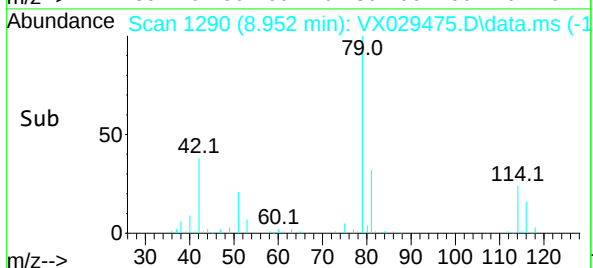
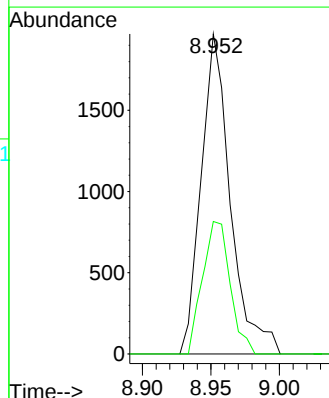
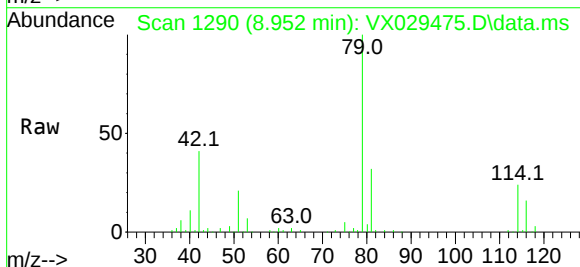
Acq: 14 Jun 2022 19:14

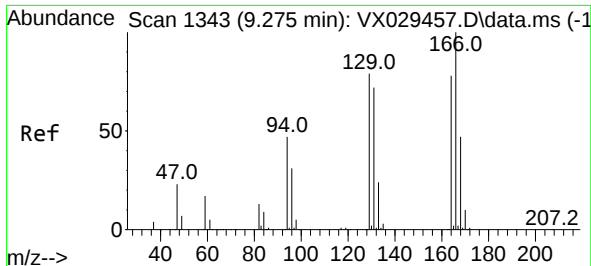
Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

77 41.4 22.3 41.3#

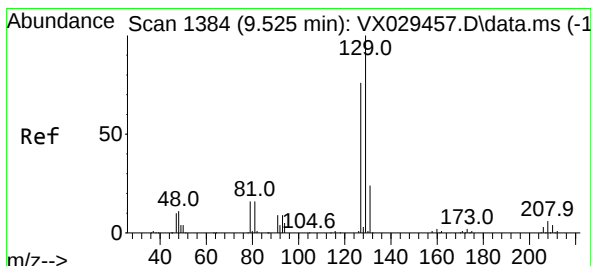
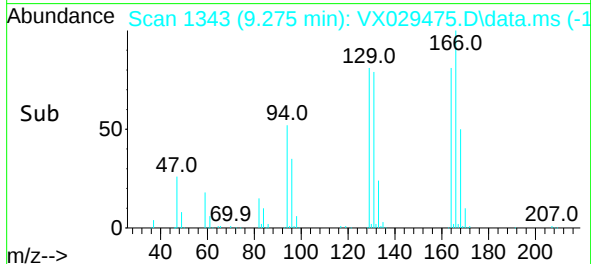
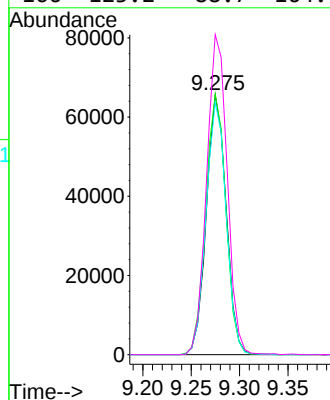
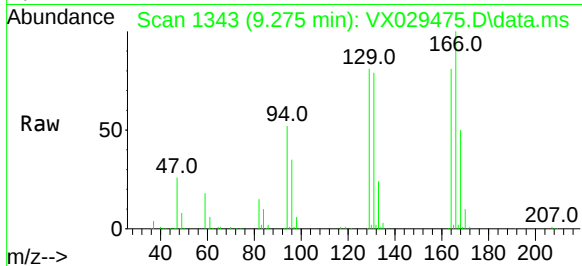




#46  
Tetrachloroethene  
Concen: 49.612 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX029475.D  
Acq: 14 Jun 2022 19:14

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MSVOA\_X  
ClientSampleId :  
YB7L2

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 93747      |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 129         | 100.2 | 65.5 121.7 |
| 131         | 97.2  | 64.3 119.3 |
| 166         | 123.2 | 88.7 164.7 |



#49  
Dibromochloromethane  
Concen: 38.045 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.250 min  
Lab File: VX029475.D  
Acq: 14 Jun 2022 19:14

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:129 | Resp: | 95405       |
| Ion Ratio   | Lower | Upper       |
| 129         | 100   |             |
| 127         | 0.0   | 54.3 100.9# |

