

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061322\  
 Data File : VX029444.D  
 Acq On : 14 Jun 2022 03:50  
 Operator : JC/MD  
 Sample : N3248-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EXYY4

Quant Time: Jun 14 06:45:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML061322WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 14 06:26:43 2022  
 Response via : Initial Calibration

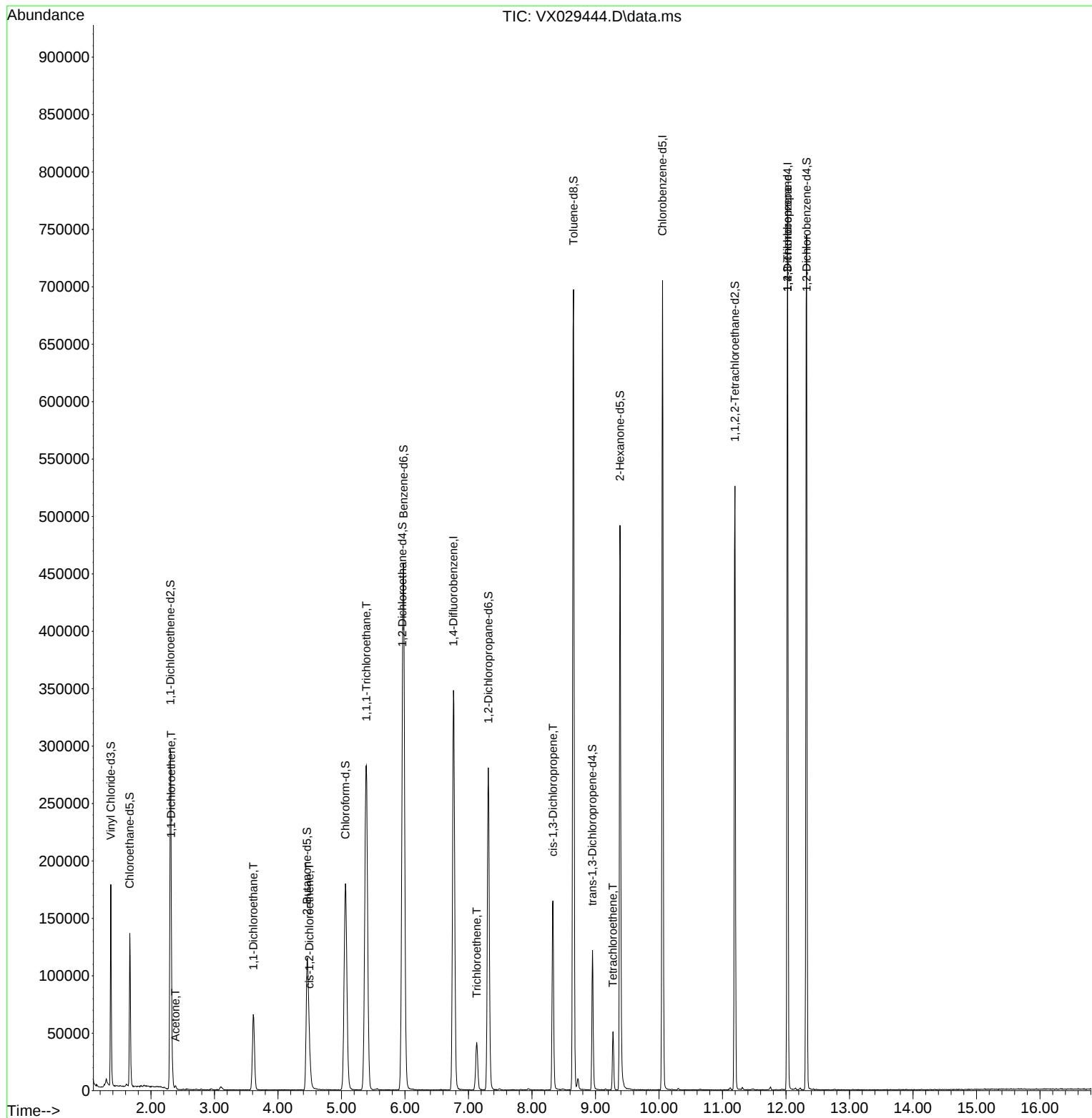
| Compound                      | R.T.    | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|----------|----------|
| -----                         |         |                |          |        |          |          |
| Internal Standards            |         |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114            | 366505   | 50.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117            | 325168   | 50.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152            | 155981   | 50.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65             | 110785   | 39.040 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 78.080%  |          |
| 7) Chloroethane-d5            | 1.666   | 69             | 91988    | 52.162 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 104.320% |          |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63             | 162366   | 31.757 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 63.520%  |          |
| 21) 2-Butanone-d5             | 4.459   | 46             | 199651   | 92.795 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 92.800%  |          |
| 24) Chloroform-d              | 5.062   | 84             | 235386   | 43.445 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 86.900%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65             | 153606   | 43.851 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 87.700%  |          |
| 32) Benzene-d6                | 5.977   | 84             | 469886   | 46.263 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 92.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67             | 143280   | 48.163 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 96.320%  |          |
| 41) Toluene-d8                | 8.653   | 98             | 419187   | 43.776 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 87.560%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79             | 58451    | 39.846 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 79.700%  |          |
| 47) 2-Hexanone-d5             | 9.385   | 63             | 151126   | 93.923 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 93.920%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84             | 208867   | 47.882 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 95.760%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152            | 152479   | 47.019 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 94.040%  |          |
| Target Compounds              |         |                |          |        |          |          |
|                               |         |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.319   | 96             | 9434     | 3.796  | ug/L #   | 1        |
| 13) Acetone                   | 2.386   | 43             | 3329     | 2.322  | ug/L     | 100      |
| 19) 1,1-Dichloroethane        | 3.611   | 63             | 73572    | 15.650 | ug/L     | 100      |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96             | 10549    | 3.507  | ug/L     | 86       |
| 30) 1,1,1-Trichloroethane     | 5.391   | 97             | 295284   | 65.478 | ug/L     | 98       |
| 34) Trichloroethene           | 7.129   | 95             | 15407    | 4.111  | ug/L     | 96       |
| 39) cis-1,3-Dichloropropene   | 8.330   | 75             | 4037     | 0.974  | ug/L #   | 79       |
| 46) Tetrachloroethene         | 9.275   | 164            | 8785     | 4.084  | ug/L     | 95       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75             | 18466    | 5.660  | ug/L #   | 63       |
| -----                         |         |                |          |        |          |          |

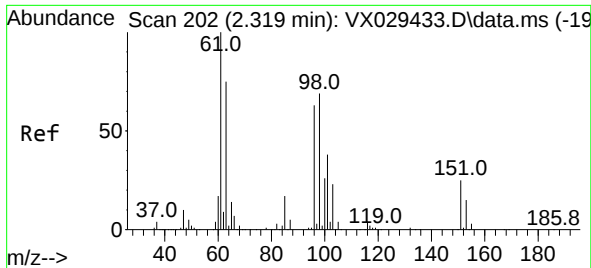
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Tue Jun 14 06:26:43 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.796 ug/L

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX029444.D

Acq: 14 Jun 2022 03:50

Instrument :

MSVOA\_X

ClientSampleId :

EXYY4

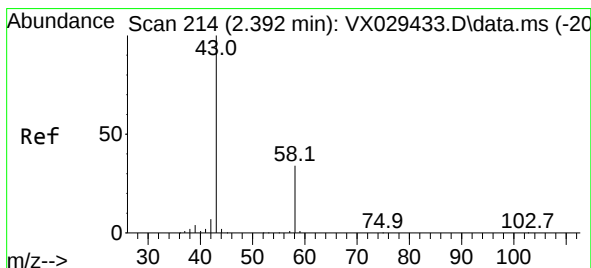
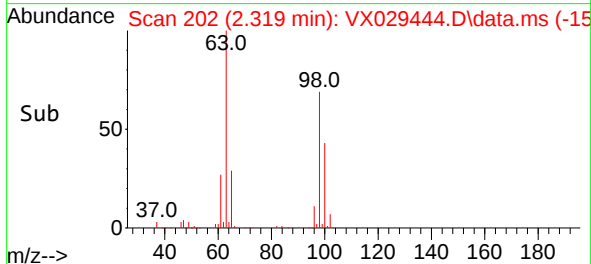
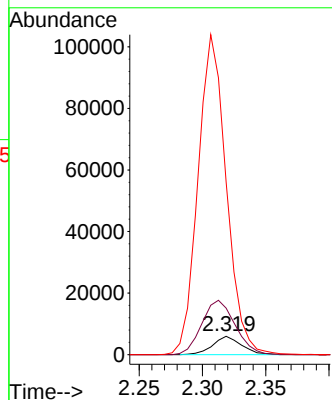
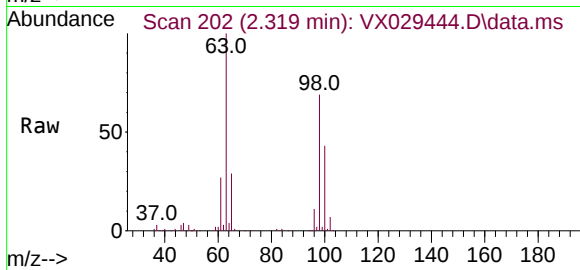
Tgt Ion: 96 Resp: 9434

Ion Ratio Lower Upper

96 100

61 252.6 118.2 219.4#

63 936.1 109.6 203.4#



#13

Acetone

Concen: 2.322 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029444.D

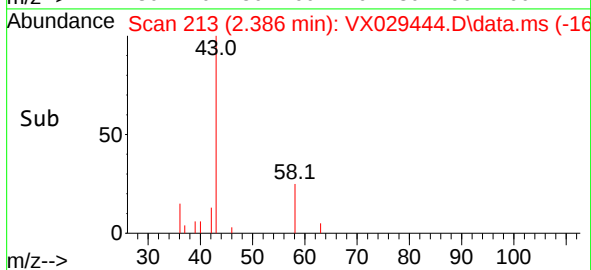
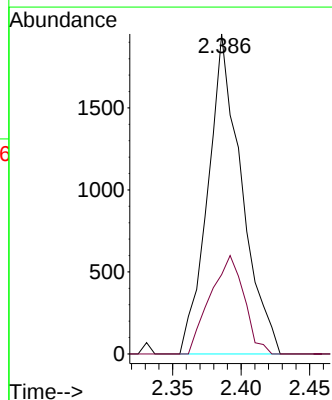
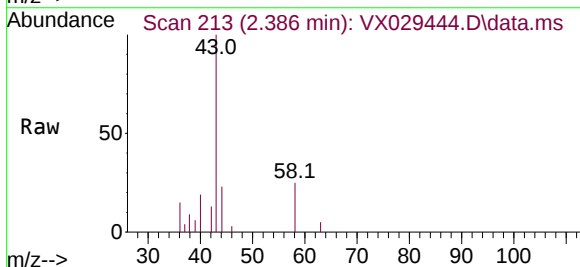
Acq: 14 Jun 2022 03:50

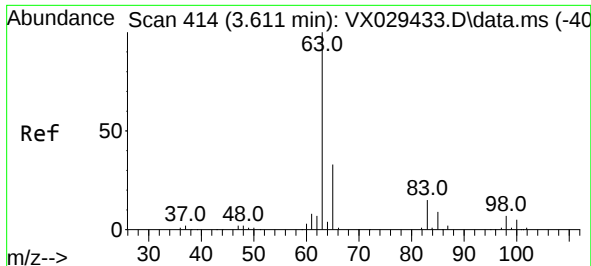
Tgt Ion: 43 Resp: 3329

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.4





#19

1,1-Dichloroethane

Concen: 15.650 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029444.D

Acq: 14 Jun 2022 03:50

Instrument :

MSVOA\_X

ClientSampleId :

EXYY4

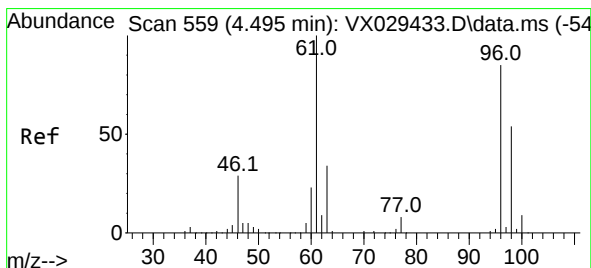
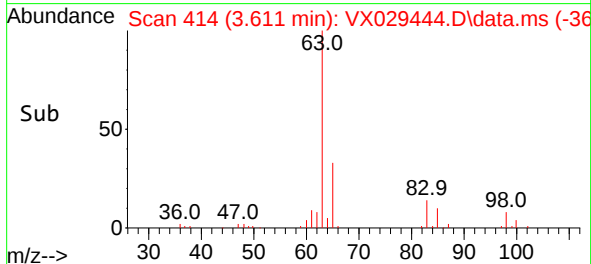
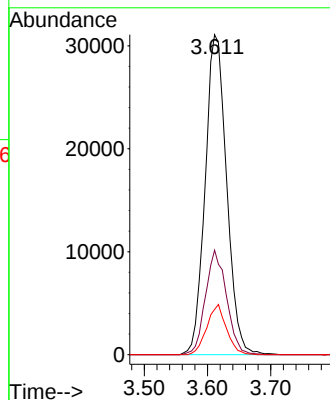
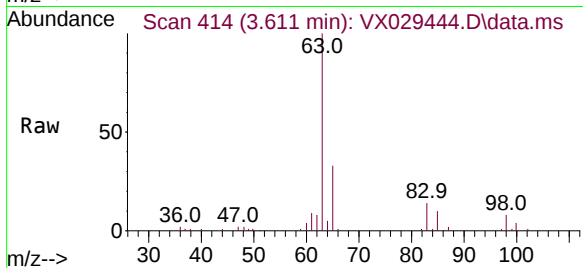
Tgt Ion: 63 Resp: 73572

Ion Ratio Lower Upper

63 100

65 32.7 22.9 42.5

83 14.1 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 3.507 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX029444.D

Acq: 14 Jun 2022 03:50

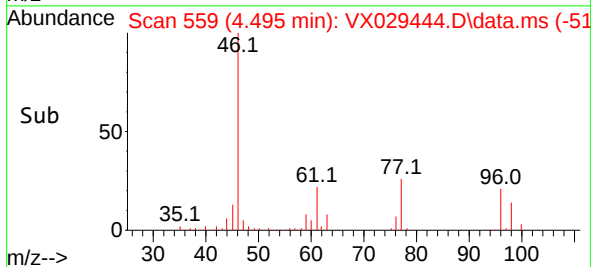
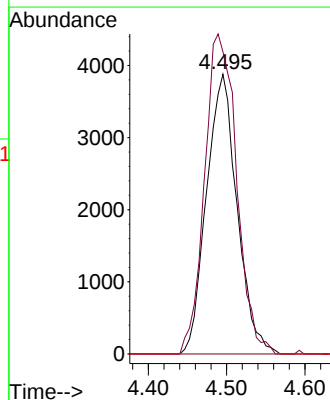
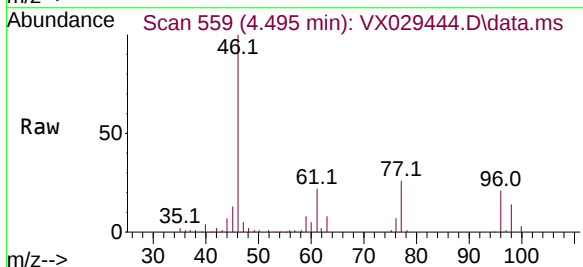
Tgt Ion: 96 Resp: 10549

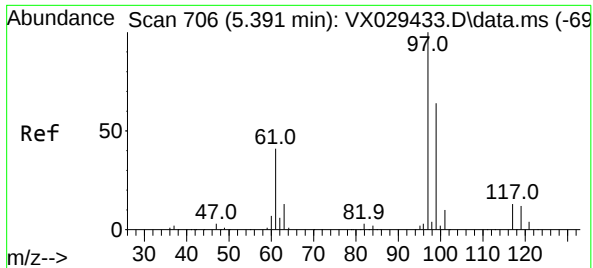
Ion Ratio Lower Upper

96 100

61 108.1 86.7 161.1

68 0.0 0.0 0.0

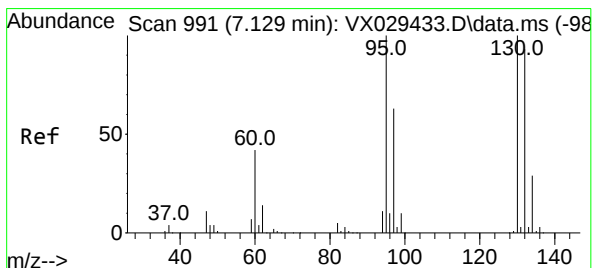
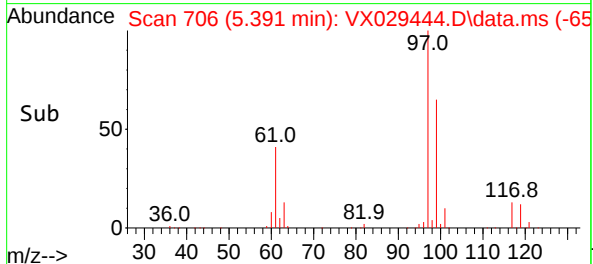
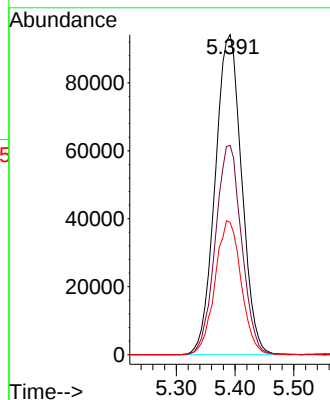
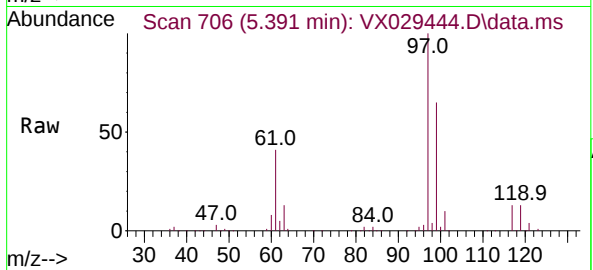




#30  
1,1,1-Trichloroethane  
Concen: 65.478 ug/L  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029444.D  
Acq: 14 Jun 2022 03:50

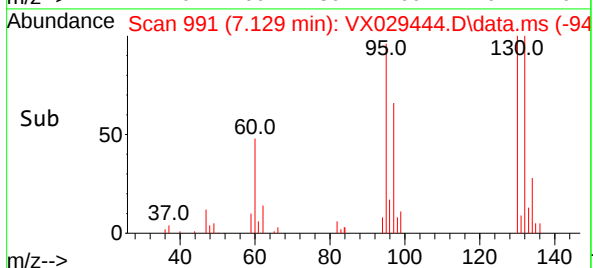
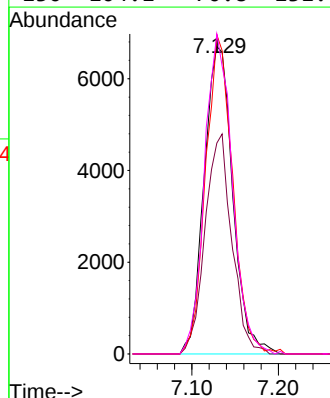
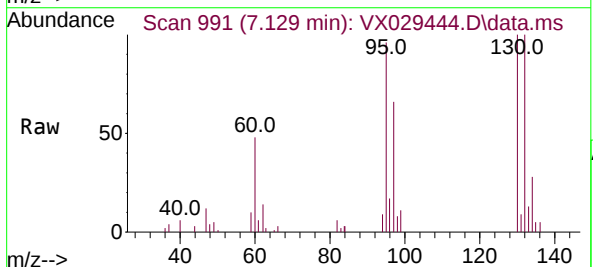
Instrument :  
MSVOA\_X  
ClientSampleId :  
EXYY4

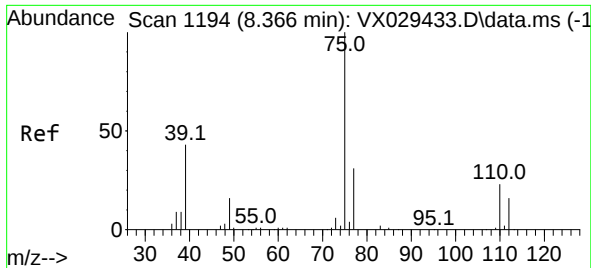
Tgt Ion: 97 Resp: 295284  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.5 77.3  
61 41.3 35.2 52.8



#34  
Trichloroethene  
Concen: 4.111 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX029444.D  
Acq: 14 Jun 2022 03:50

Tgt Ion: 95 Resp: 15407  
Ion Ratio Lower Upper  
95 100  
97 68.6 45.5 84.5  
132 103.9 69.9 129.7  
130 104.1 70.8 131.6

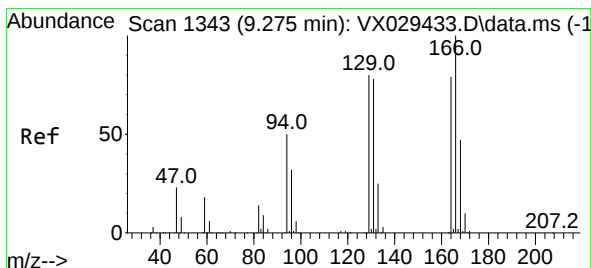
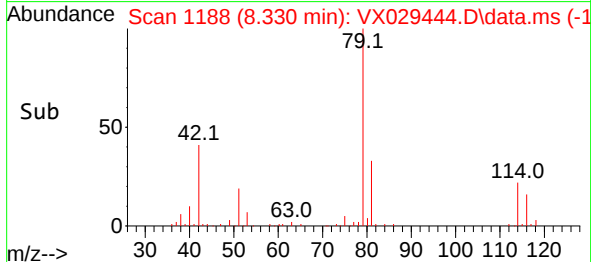
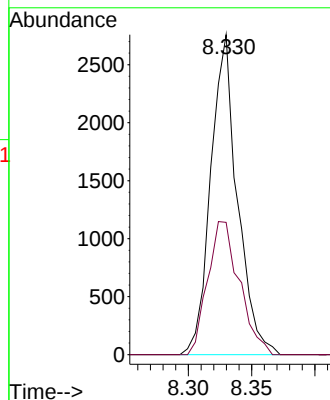
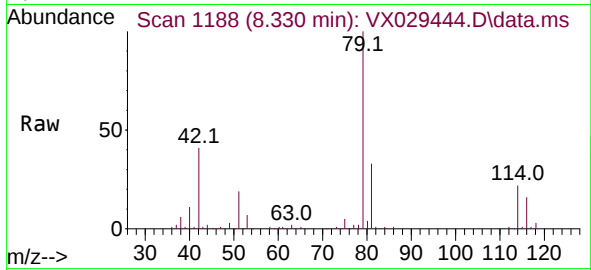




#39  
cis-1,3-Dichloropropene  
Concen: 0.974 ug/L  
RT: 8.330 min Scan# 1194  
Delta R.T. -0.037 min  
Lab File: VX029444.D  
Acq: 14 Jun 2022 03:50

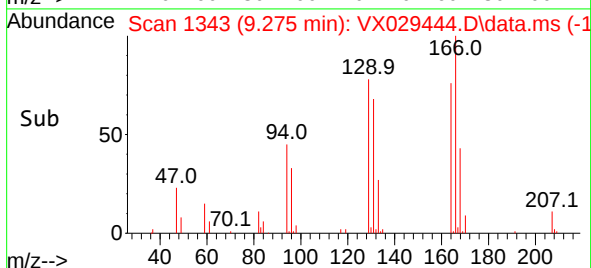
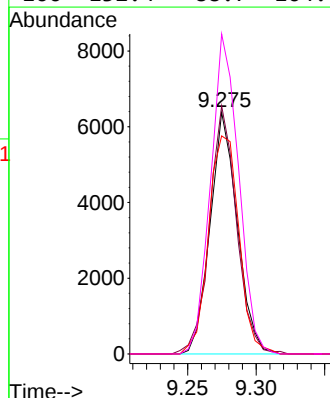
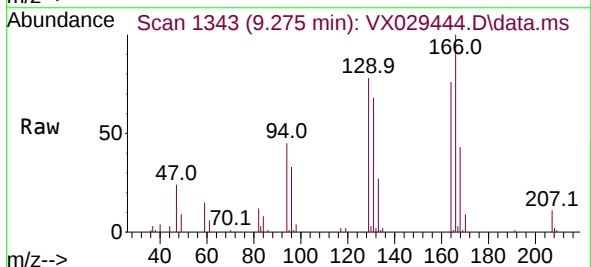
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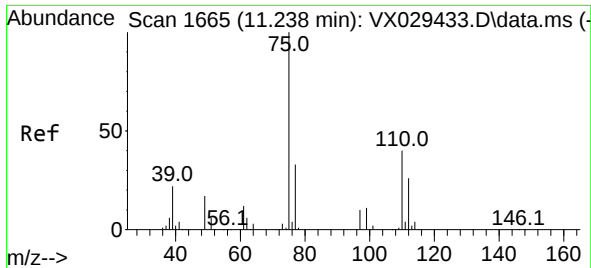
Tgt Ion: 75 Resp: 4037  
Ion Ratio Lower Upper  
75 100  
77 41.4 21.1 39.1#



#46  
Tetrachloroethene  
Concen: 4.084 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX029444.D  
Acq: 14 Jun 2022 03:50

Tgt Ion: 164 Resp: 8785  
Ion Ratio Lower Upper  
164 100  
129 102.7 65.5 121.7  
131 90.3 64.3 119.3  
166 132.4 88.7 164.7





#61  
 1,2,3-Trichloropropane  
 Concen: 5.660 ug/L  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.787 min  
 Lab File: VX029444.D  
 Acq: 14 Jun 2022 03:50

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EXYY4

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 18466      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 35.6  | 25.8 38.6  |
| 110         | 3.0   | 33.4 50.0# |

