

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051721\  
 Data File : VX022032.D  
 Acq On : 17 May 2021 14:33  
 Operator : JC/MD  
 Sample : M2410-10DL 20X  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 18 04:19:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR051021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 18 04:17:19 2021  
 Response via : Initial Calibration

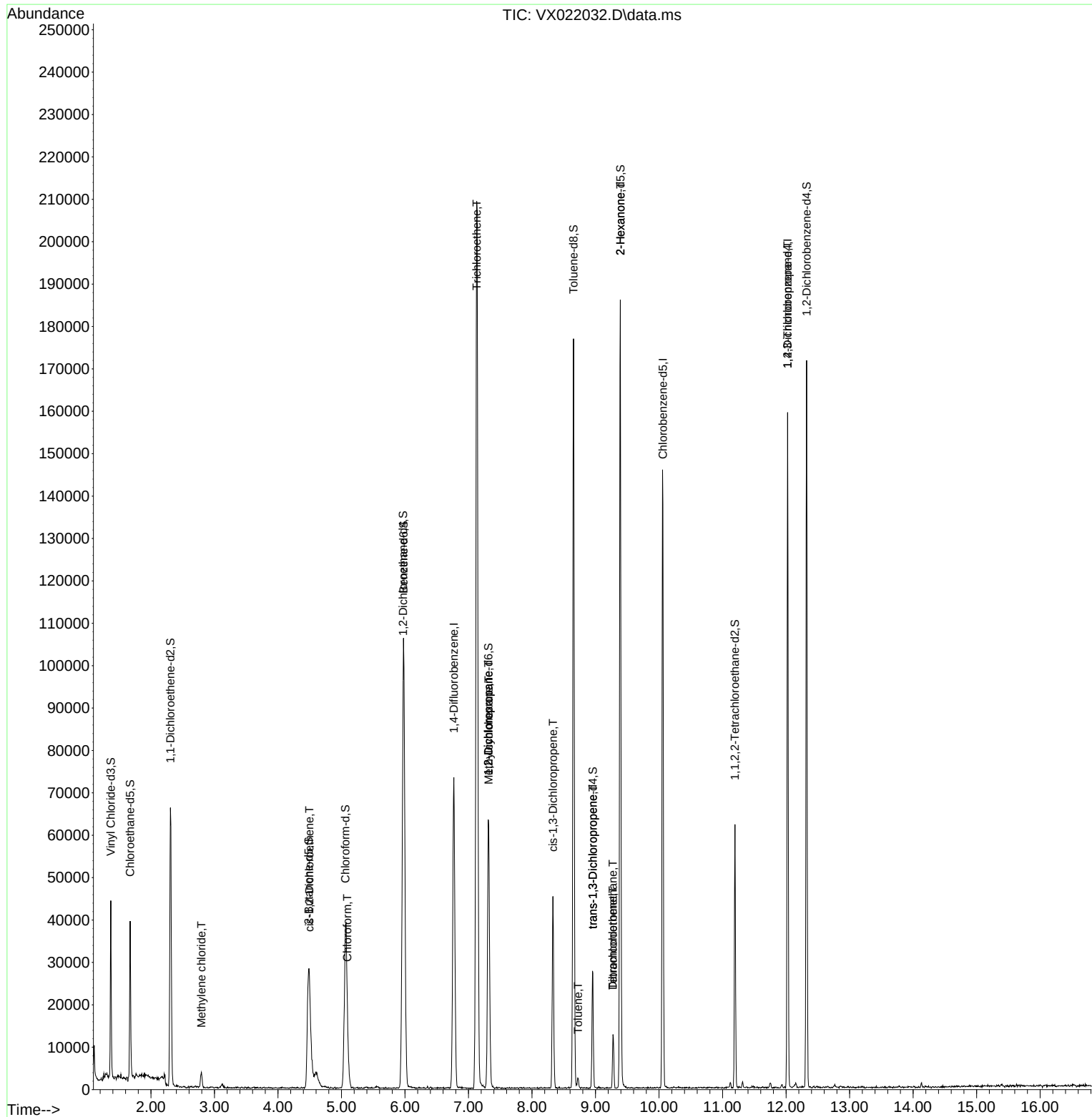
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114   | 71481    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061 | 117   | 63805    | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 29135    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367  | 65    | 25639    | 4.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.40%   |
| 7) Chloroethane-d5            | 1.672  | 69    | 21493    | 4.37     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.40%   |
| 11) 1,1-Dichloroethene-d2     | 2.306  | 63    | 36790    | 3.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.20%   |
| 20) 2-Butanone-d5             | 4.483  | 46    | 66444    | 47.50    | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.00%   |
| 24) Chloroform-d              | 5.062  | 84    | 46996    | 4.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.970  | 65    | 26635    | 4.92     | ug/L   | 0.01     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.40%   |
| 32) Benzene-d6                | 5.976  | 84    | 108705   | 5.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.80%  |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67    | 32296    | 4.98     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.60%   |
| 41) Toluene-d8                | 8.653  | 98    | 99076    | 5.16     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.20%  |
| 43) trans-1,3-Dichloroprop... | 8.958  | 79    | 12900    | 4.41     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.20%   |
| 46) 2-Hexanone-d5             | 9.390  | 63    | 56660    | 45.52    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.04%   |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 22764    | 4.55     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.00%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 30232    | 4.95     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.00%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 2.794  | 84    | 1671     | 0.24     | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 4.495  | 96    | 532      | 0.09     | ug/L # | 60       |
| 25) Chloroform                | 5.092  | 83    | 4372     | 0.44     | ug/L   | 95       |
| 34) Trichloroethene           | 7.129  | 95    | 80075    | 13.96    | ug/L   | 92       |
| 35) Methylcyclohexane         | 7.318  | 83    | 8004     | 0.82     | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 7.312  | 63    | 3616     | 0.67     | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.330  | 75    | 955      | 0.11     | ug/L # | 74       |
| 42) Toluene                   | 8.726  | 91    | 1681     | 0.07     | ug/L   | 94       |
| 44) trans-1,3-Dichloropropene | 8.958  | 75    | 632      | 0.09     | ug/L   | 90       |
| 47) Tetrachloroethene         | 9.275  | 164   | 2054     | 0.54     | ug/L   | 94       |
| 48) 2-Hexanone                | 9.390  | 43    | 6463     | 2.78     | ug/L # | 64       |
| 49) Dibromochloromethane      | 9.275  | 129   | 2171     | 0.50     | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 12.024 | 75    | 4433     | 1.47     | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

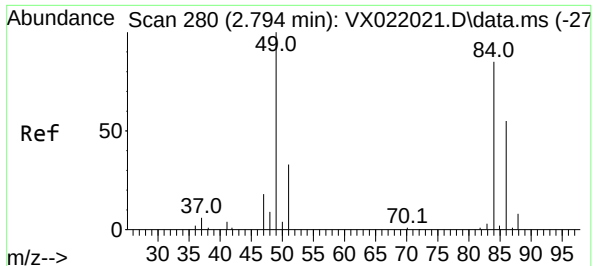
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051721\  
Data File : VX022032.D  
Acq On : 17 May 2021 14:33  
Operator : JC/MD  
Sample : M2410-10DL 20X  
Misc : 25.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :

Quant Time: May 18 04:19:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR051021WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue May 18 04:17:19 2021  
Response via : Initial Calibration

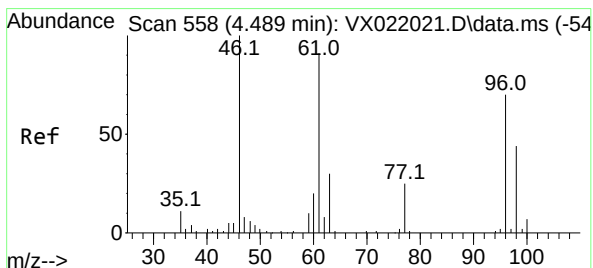
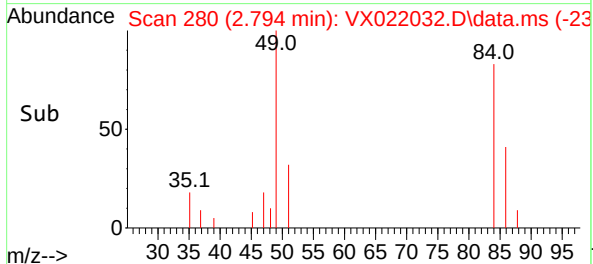
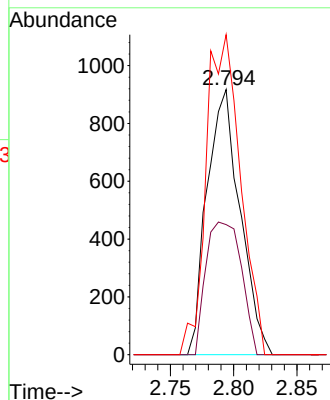
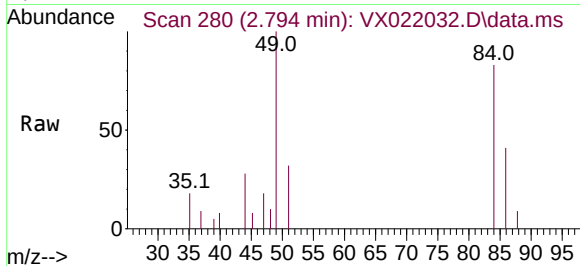




#16  
Methylene chloride  
Concen: 0.24 ug/L  
RT: 2.794 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

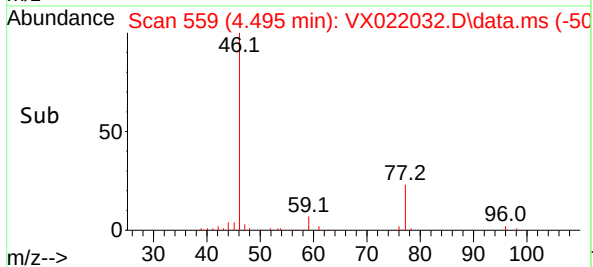
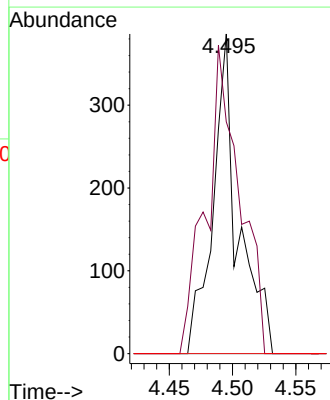
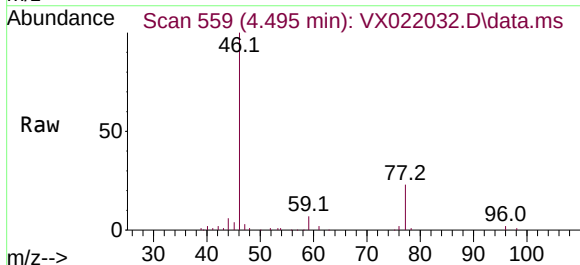
Instrument :  
MSVOA\_X  
ClientSampleId :

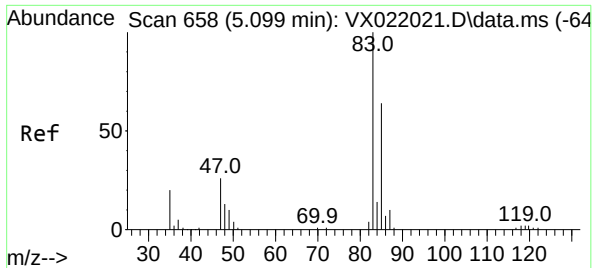
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1671  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 49.1  | 46.3  | 86.1  |
| 49       | 120.7 | 84.4  | 156.7 |



#22  
cis-1,2-Dichloroethene  
Concen: 0.09 ug/L  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 532    |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 72.5  | 80.9  | 150.3# |
| 68       | 0.0   | 0.0   | 0.0    |

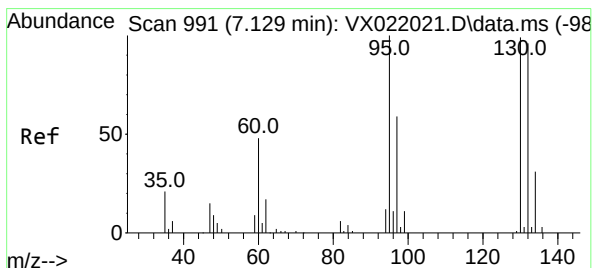
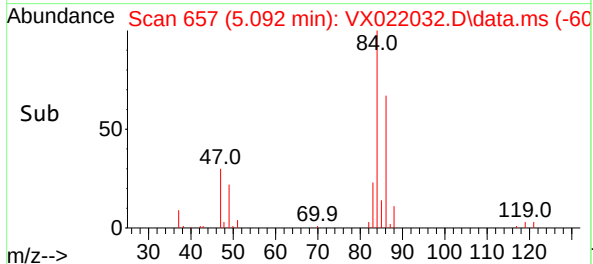
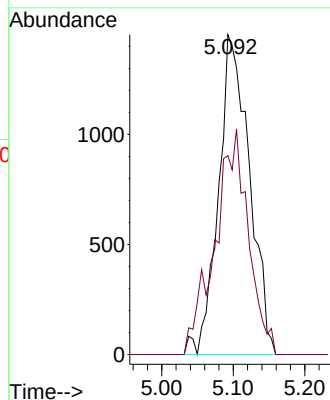
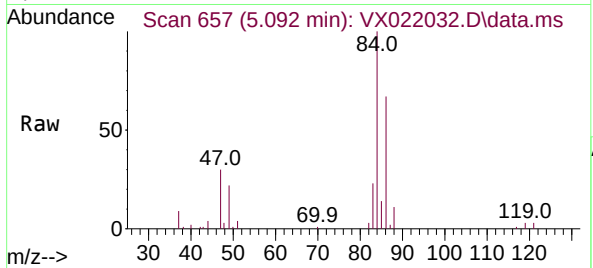




#25  
Chloroform  
Concen: 0.44 ug/L  
RT: 5.092 min Scan# 657  
Delta R.T. -0.006 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

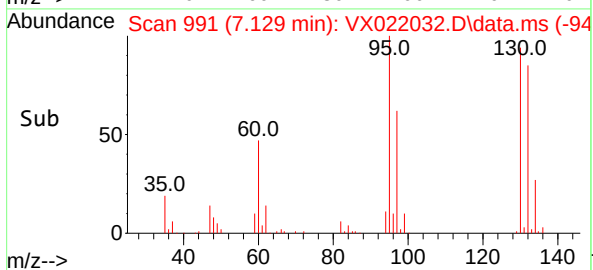
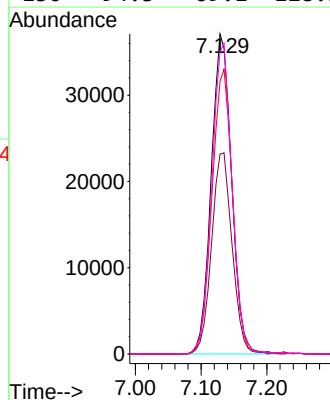
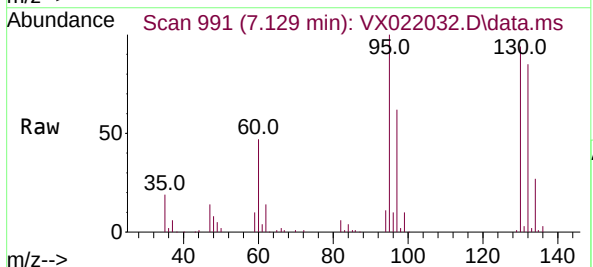
Instrument :  
MSVOA\_X  
ClientSampleId :

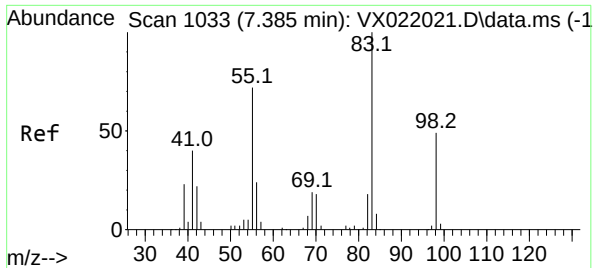
Tgt Ion: 83 Resp: 4372  
Ion Ratio Lower Upper  
83 100  
85 62.2 46.3 86.1



#34  
Trichloroethene  
Concen: 13.96 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

Tgt Ion: 95 Resp: 80075  
Ion Ratio Lower Upper  
95 100  
97 62.4 48.6 90.2  
132 85.2 67.3 125.1  
130 94.3 69.1 128.3

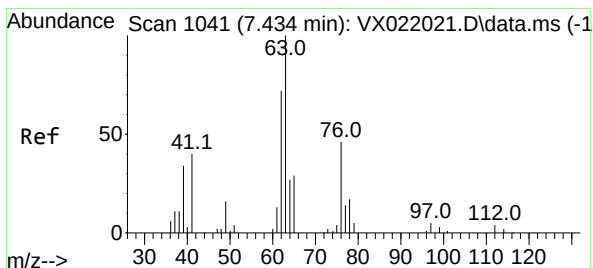
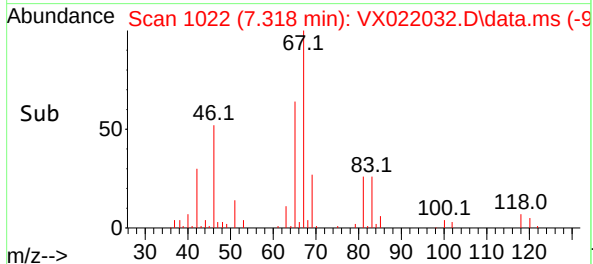
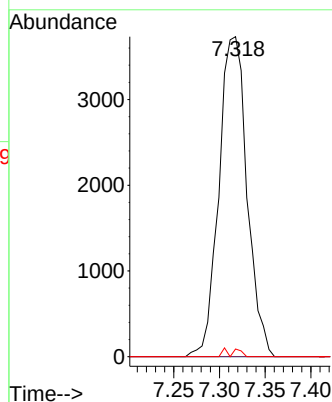
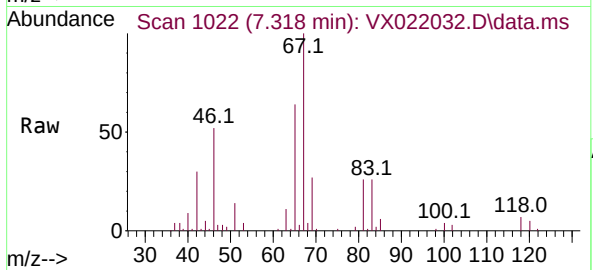




#35  
Methylcyclohexane  
Concen: 0.82 ug/L  
RT: 7.318 min Scan# 1022  
Delta R.T. -0.067 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

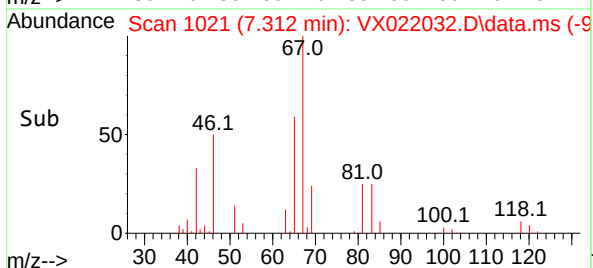
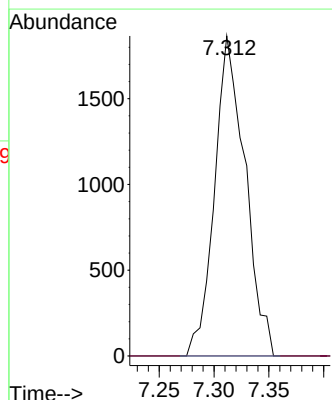
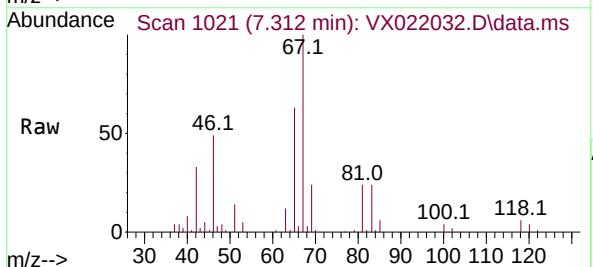
Instrument :  
MSVOA\_X  
ClientSampled :

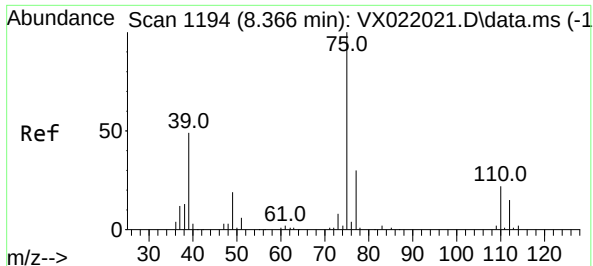
Tgt Ion: 83 Resp: 8004  
Ion Ratio Lower Upper  
83 100  
55 0.0 60.3 90.5#  
98 0.0 39.4 59.2#



#37  
1,2-Dichloropropane  
Concen: 0.67 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.122 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

Tgt Ion: 63 Resp: 3616  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.1 6.1#



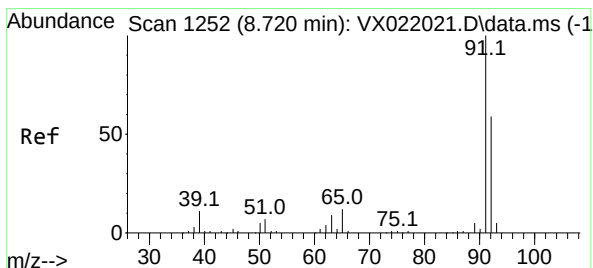
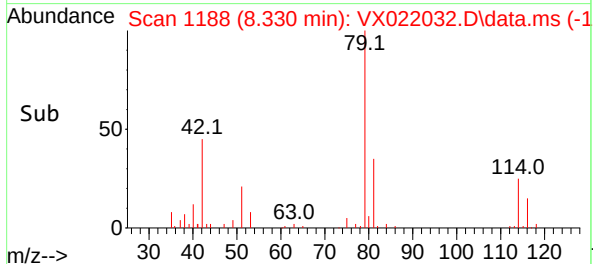
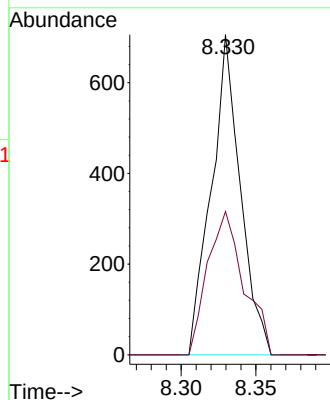
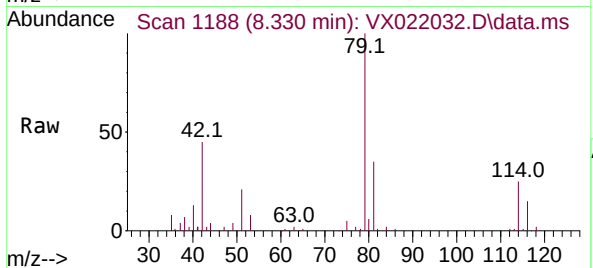


#39

cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 8.330 min Scan# 1188  
Delta R.T. -0.037 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

Instrument :  
MSVOA\_X  
ClientSampled :

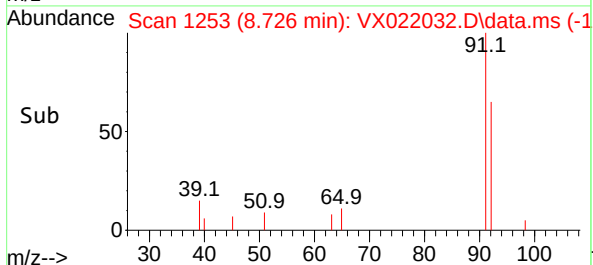
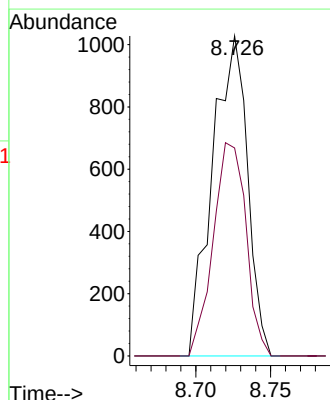
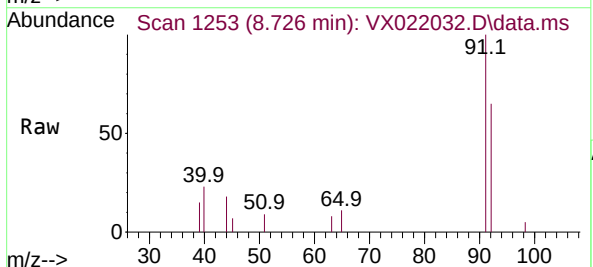
Tgt Ion: 75 Resp: 955  
Ion Ratio Lower Upper  
75 100  
77 44.8 21.3 39.5#

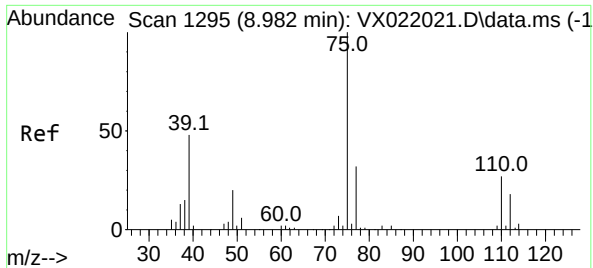


#42

Toluene  
Concen: 0.07 ug/L  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

Tgt Ion: 91 Resp: 1681  
Ion Ratio Lower Upper  
91 100  
92 65.0 42.1 78.3

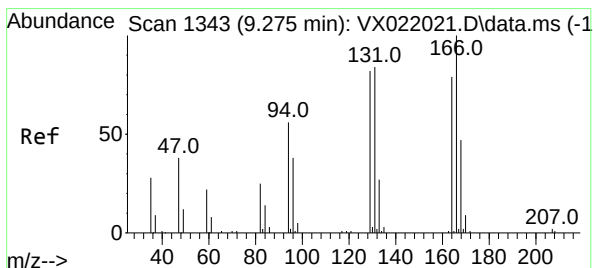
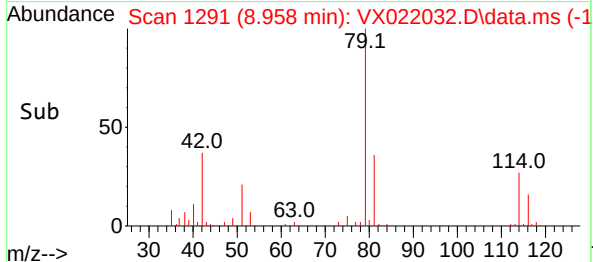
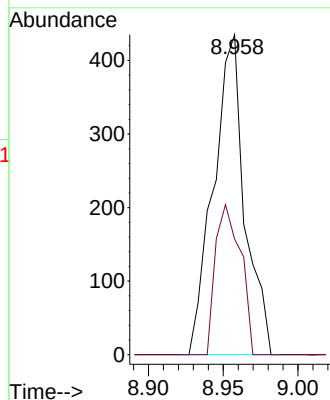
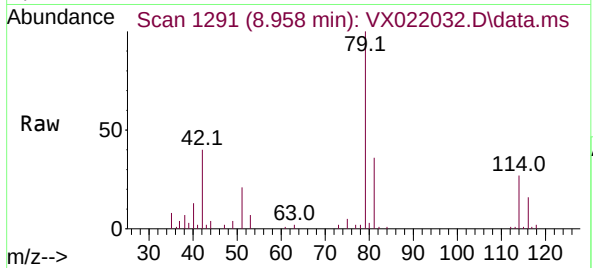




#44  
trans-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 8.958 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

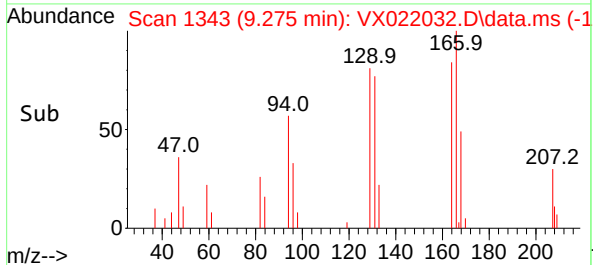
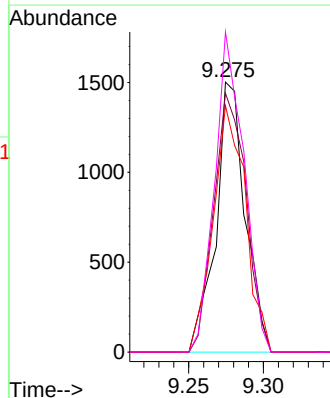
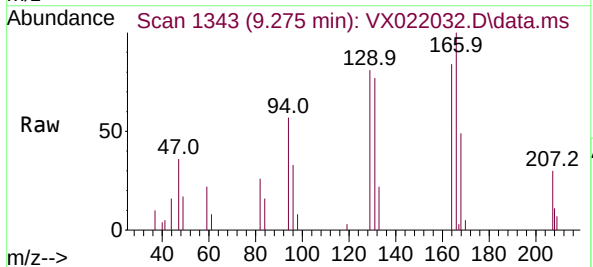
Instrument :  
MSVOA\_X  
ClientSampled :

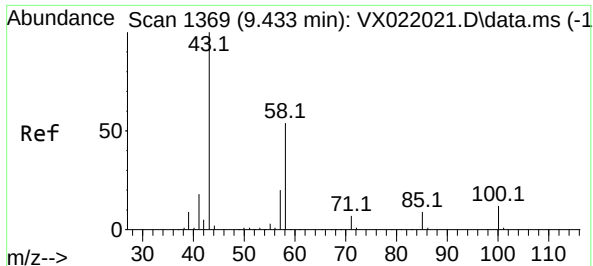
Tgt Ion: 75 Resp: 632  
Ion Ratio Lower Upper  
75 100  
77 36.1 21.6 40.0



#47  
Tetrachloroethene  
Concen: 0.54 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

Tgt Ion:164 Resp: 2054  
Ion Ratio Lower Upper  
164 100  
129 95.9 73.1 135.7  
131 91.3 69.1 128.3  
166 118.6 85.0 157.8

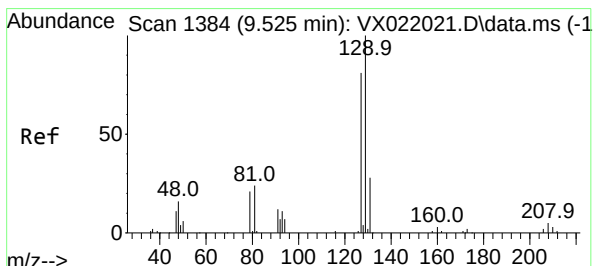
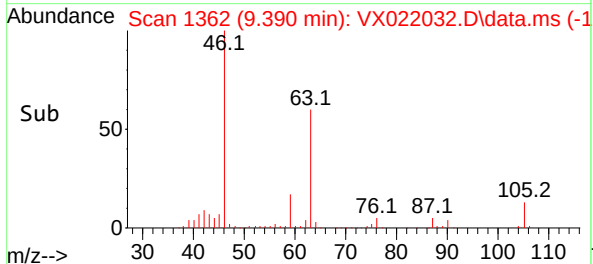
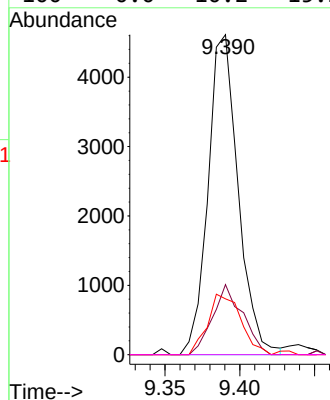
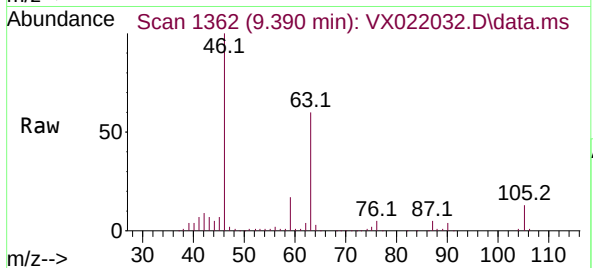




#48  
2-Hexanone  
Concen: 2.78 ug/L  
RT: 9.390 min Scan# 1362  
Delta R.T. -0.043 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

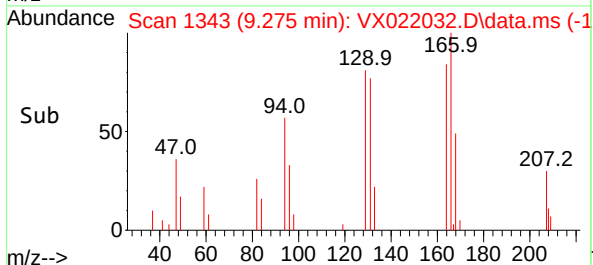
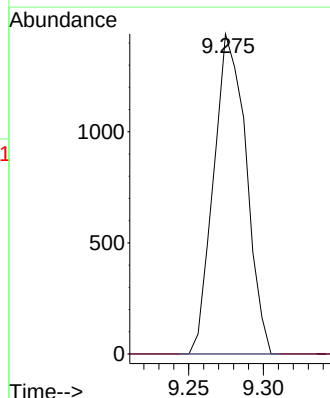
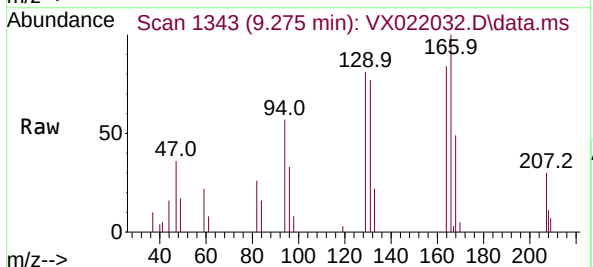
Instrument :  
MSVOA\_X  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 6463  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 21.8     | 44.6 67.0#  |
| 57 21.5     | 14.8 22.2   |
| 100 0.0     | 10.2 15.2#  |

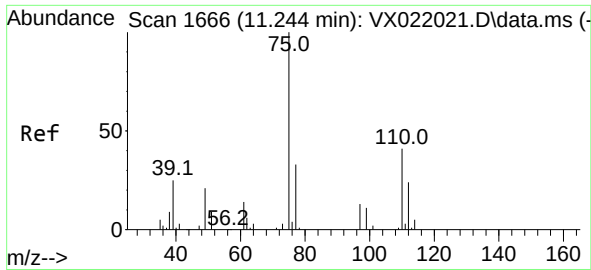


#49  
Dibromochloromethane  
Concen: 0.50 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.250 min  
Lab File: VX022032.D  
Acq: 17 May 2021 14:33

|              |             |
|--------------|-------------|
| Tgt Ion: 129 | Resp: 2171  |
| Ion Ratio    | Lower Upper |
| 129 100      |             |
| 127 0.0      | 53.5 99.5#  |

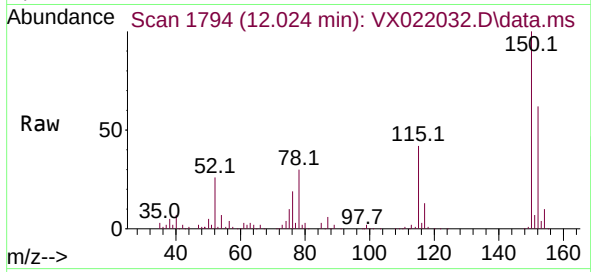






#61  
 1,2,3-Trichloropropane  
 Concen: 1.47 ug/L  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.780 min  
 Lab File: VX022032.D  
 Acq: 17 May 2021 14:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 4433  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 24.6 37.0  
 110 1.8 32.3 48.5#

