

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060623\Not Reviewed Data\  
 Data File : VX036033.D  
 Acq On : 06 Jun 2023 15:24  
 Operator : JC/MD  
 Sample : 02991-03 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F6C06

Quant Time: Jun 08 15:27:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML060623WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 07 05:37:48 2023  
 Response via : Initial Calibration

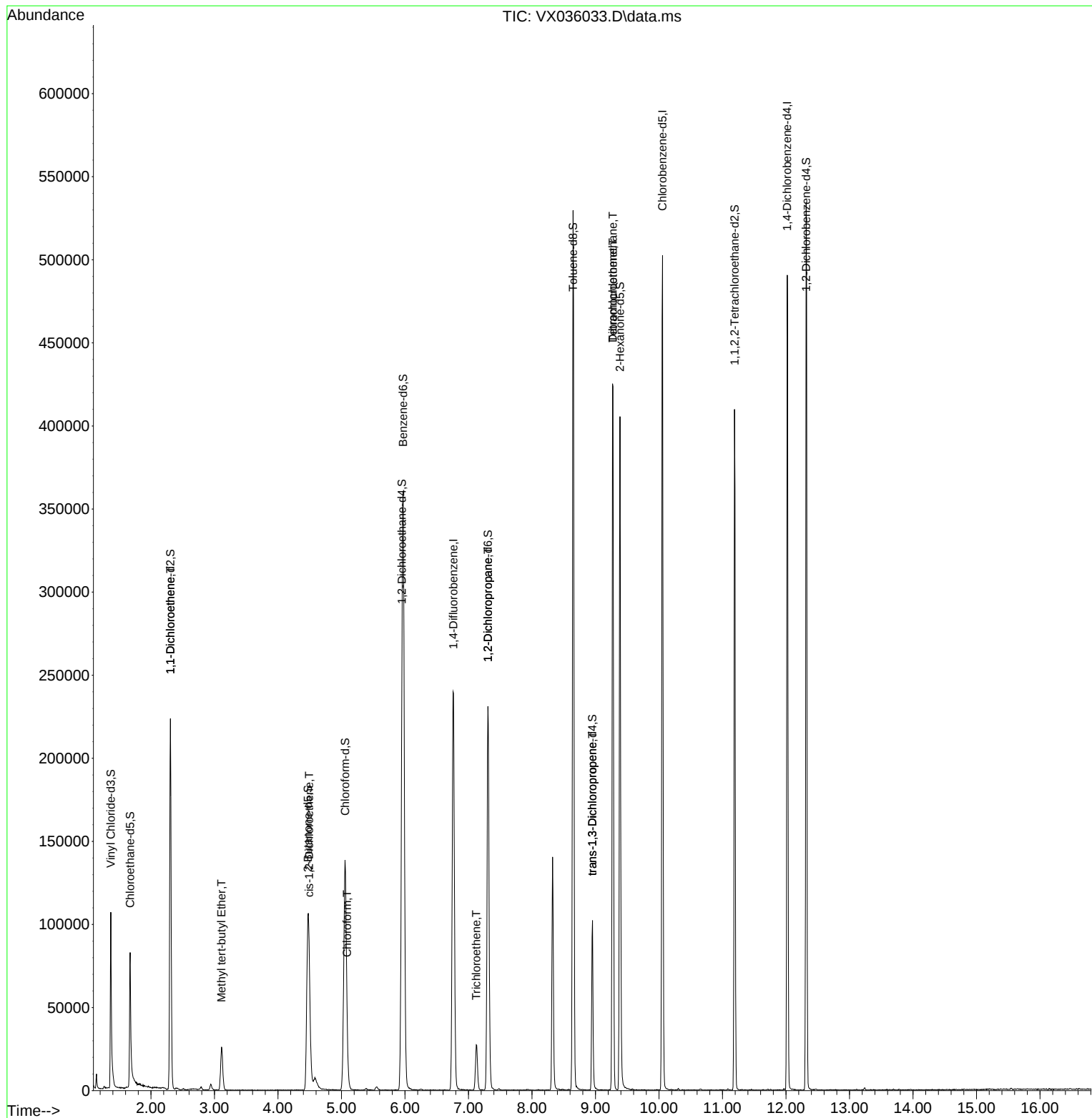
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 231959   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 211549   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 92810    | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 82726    | 52.492   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 104.980% |
| 7) Chloroethane-d5            | 1.673   | 69    | 65505    | 54.197   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 108.400% |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 65    | 41540    | 51.987   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 103.980% |
| 21) 2-Butanone-d5             | 4.471   | 46    | 164774   | 127.557  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 127.560% |
| 24) Chloroform-d              | 5.056   | 84    | 169801   | 51.670   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.340% |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 133795   | 55.795   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 111.580% |
| 32) Benzene-d6                | 5.971   | 84    | 339249   | 53.309   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.620% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 106629   | 53.906   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 107.820% |
| 41) Toluene-d8                | 8.647   | 98    | 300550   | 51.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.620% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 45324    | 47.734   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 95.460%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 110400   | 125.341  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 125.340% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 147381   | 54.549   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 109.100% |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 99407    | 55.167   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.340% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.307   | 96    | 1072     | 0.695    | ug/L # | 1        |
| 18) Methyl tert-butyl Ether   | 3.111   | 73    | 26733    | 4.550    | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 4.489   | 96    | 20170    | 10.645   | ug/L   | 94       |
| 25) Chloroform                | 5.087   | 83    | 6875     | 1.920    | ug/L   | 100      |
| 34) Trichloroethene           | 7.123   | 95    | 10413    | 5.486    | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 7.306   | 63    | 13187    | 7.129    | ug/L # | 87       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 2612     | 0.965    | ug/L   | 99       |
| 46) Tetrachloroethene         | 9.275   | 164   | 74870    | 56.403   | ug/L   | 96       |
| 49) Dibromochloromethane      | 9.275   | 129   | 76739    | 44.676   | ug/L # | 11       |
| -----                         |         |       |          |          |        |          |

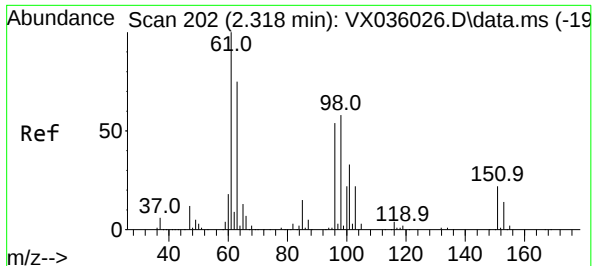
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060623\Not Reviewed Data\  
Data File : VX036033.D  
Acq On : 06 Jun 2023 15:24  
Operator : JC/MD  
Sample : 02991-03 20X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
F6C06

Quant Time: Jun 08 15:27:36 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM060623WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Jun 07 05:37:48 2023  
Response via : Initial Calibration

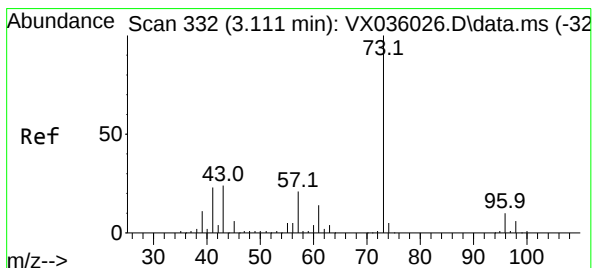
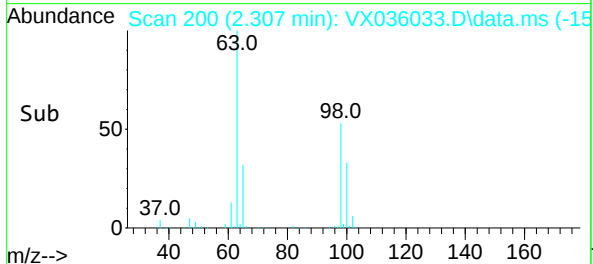
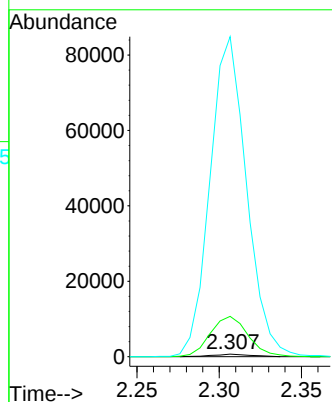
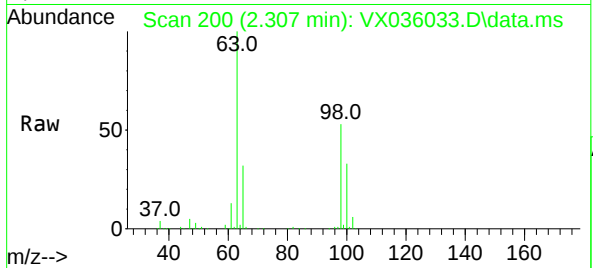




#12  
1,1-Dichloroethene  
Concen: 0.695 ug/L  
RT: 2.307 min Scan# 200  
Delta R.T. -0.012 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

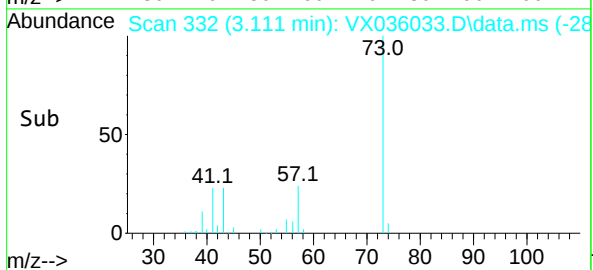
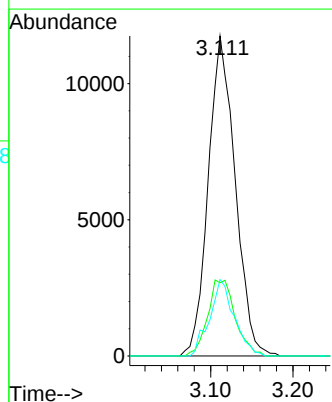
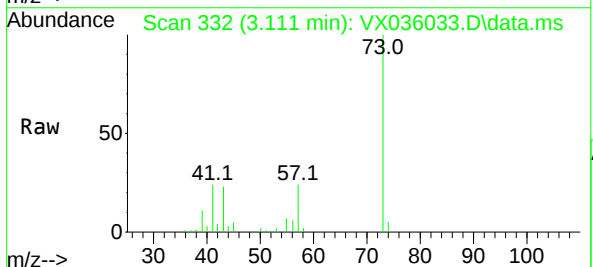
Instrument :  
MSVOA\_X  
ClientSampleId :  
F6C06

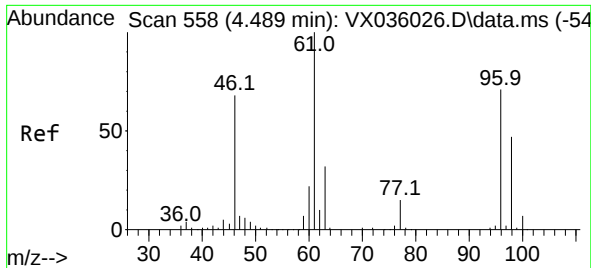
Tgt Ion: 96 Resp: 1072  
Ion Ratio Lower Upper  
96 100  
61 1557.3 132.5 246.1#  
63 12372.0 95.1 176.7#



#18  
Methyl tert-butyl Ether  
Concen: 4.550 ug/L  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

Tgt Ion: 73 Resp: 26733  
Ion Ratio Lower Upper  
73 100  
43 24.3 19.4 29.0  
57 21.9 17.5 26.3

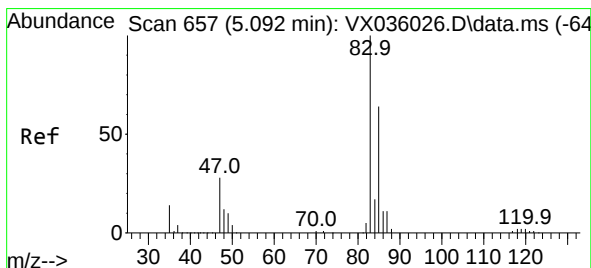
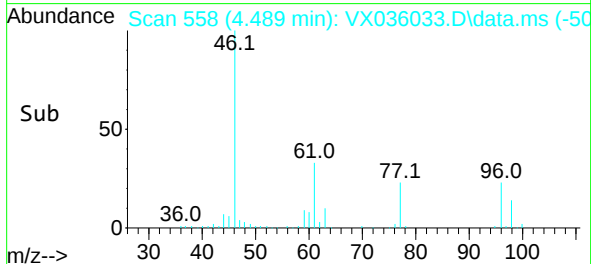
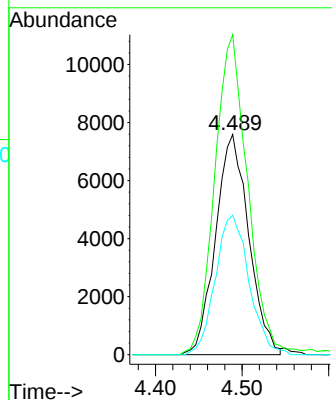
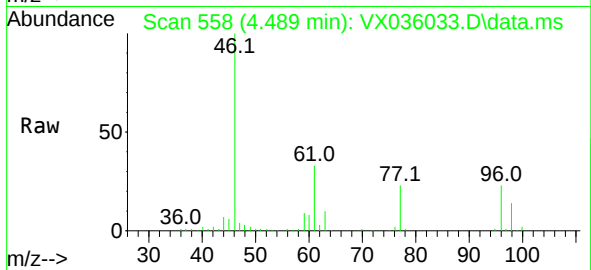




#20  
cis-1,2-Dichloroethene  
Concen: 10.645 ug/L  
RT: 4.489 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

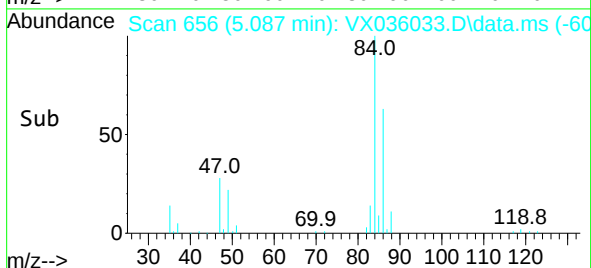
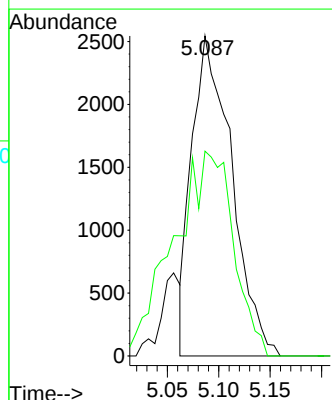
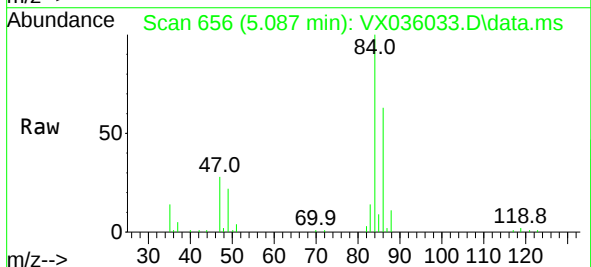
Instrument :  
MSVOA\_X  
ClientSampleId :  
F6C06

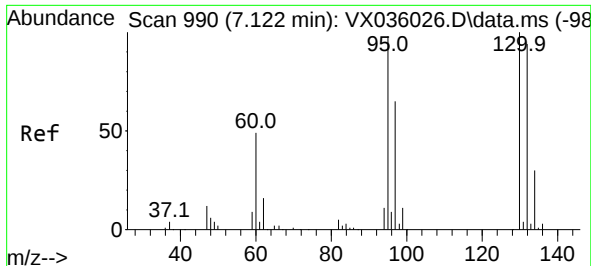
Tgt Ion: 96 Resp: 20170  
Ion Ratio Lower Upper  
96 100  
61 145.3 94.7 175.9  
98 63.4 45.4 84.4



#25  
Chloroform  
Concen: 1.920 ug/L  
RT: 5.087 min Scan# 656  
Delta R.T. -0.006 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

Tgt Ion: 83 Resp: 6875  
Ion Ratio Lower Upper  
83 100  
85 64.0 45.0 83.6



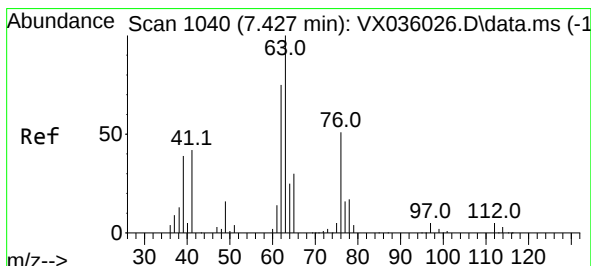
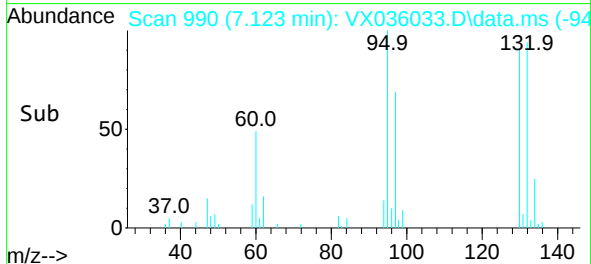
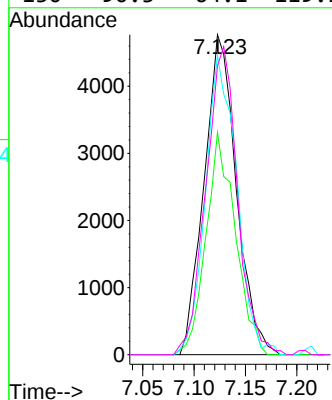
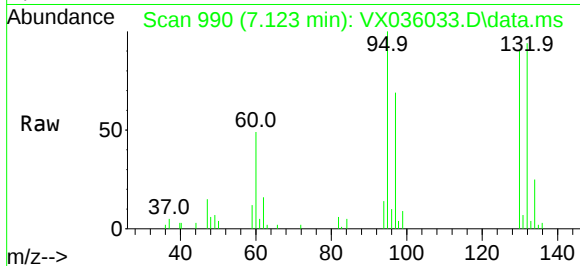


#34  
 Trichloroethene  
 Concen: 5.486 ug/L  
 RT: 7.123 min Scan# 94  
 Delta R.T. 0.000 min  
 Lab File: VX036033.D  
 Acq: 06 Jun 2023 15:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F6C06

Tgt Ion: 95 Resp: 10413

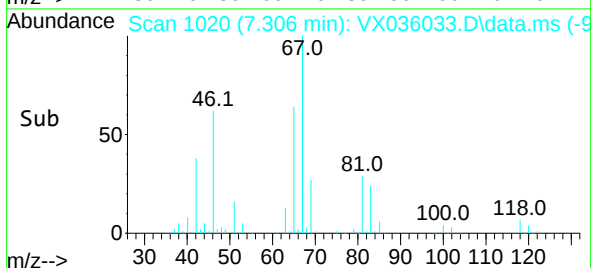
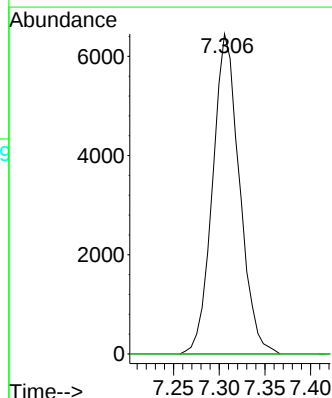
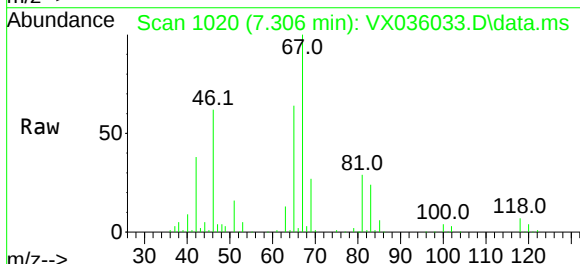
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 69.4  | 43.6  | 81.0  |
| 132 | 93.6  | 59.9  | 111.3 |
| 130 | 90.3  | 64.1  | 119.1 |

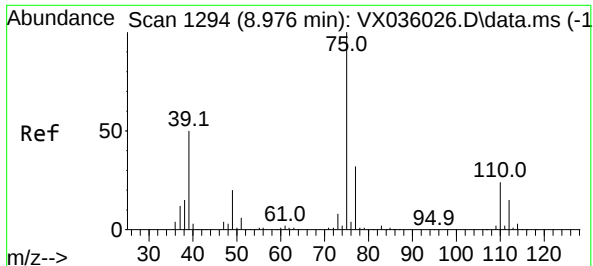


#37  
 1,2-Dichloropropane  
 Concen: 7.129 ug/L  
 RT: 7.306 min Scan# 1020  
 Delta R.T. -0.122 min  
 Lab File: VX036033.D  
 Acq: 06 Jun 2023 15:24

Tgt Ion: 63 Resp: 13187

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 112 | 0.0   | 3.5   | 5.3   |

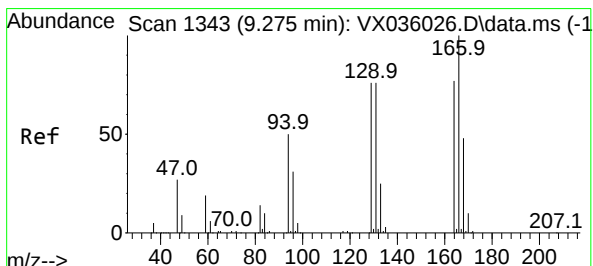
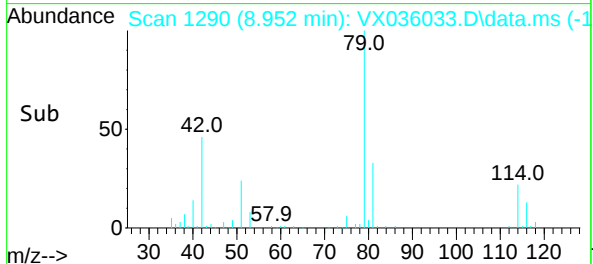
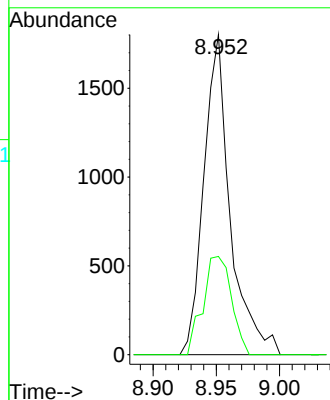
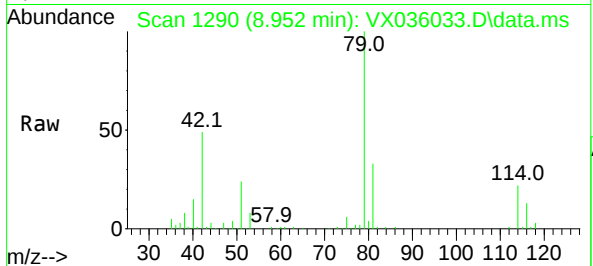




#44  
trans-1,3-Dichloropropene  
Concen: 0.965 ug/L  
RT: 8.952 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

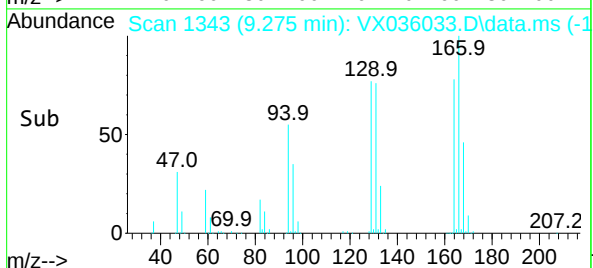
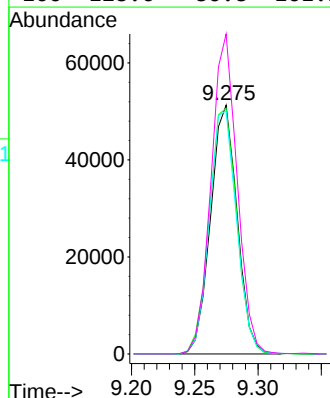
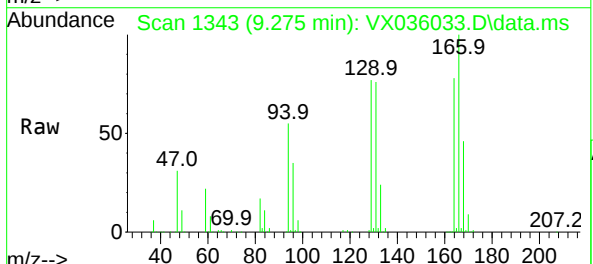
Instrument :  
MSVOA\_X  
ClientSampleId :  
F6C06

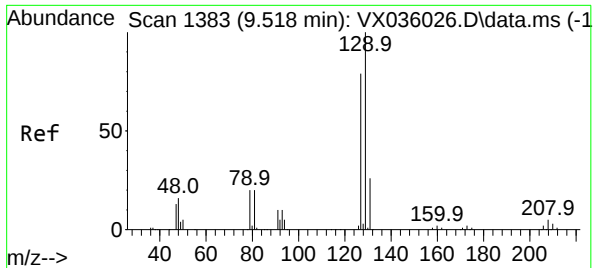
Tgt Ion: 75 Resp: 2612  
Ion Ratio Lower Upper  
75 100  
77 30.7 22.0 41.0



#46  
Tetrachloroethene  
Concen: 56.403 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX036033.D  
Acq: 06 Jun 2023 15:24

Tgt Ion: 164 Resp: 74870  
Ion Ratio Lower Upper  
164 100  
129 98.7 74.8 139.0  
131 97.6 68.9 127.9  
166 128.6 86.8 161.2





#49

Dibromochloromethane

Concen: 44.676 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

Lab File: VX036033.D

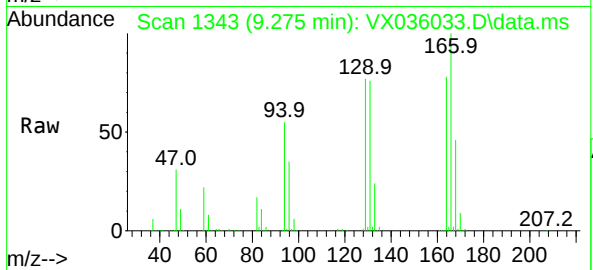
Acq: 06 Jun 2023 15:24

Instrument :

MSVOA\_X

ClientSampleId :

F6C06



Tgt Ion:129 Resp: 76739

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#

