

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV100821\  
 Data File : VV022708.D  
 Acq On : 08 Oct 2021 17:20  
 Operator : SY/MD  
 Sample : M4098-13  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 09 01:25:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 09 01:23:25 2021  
 Response via : Initial Calibration

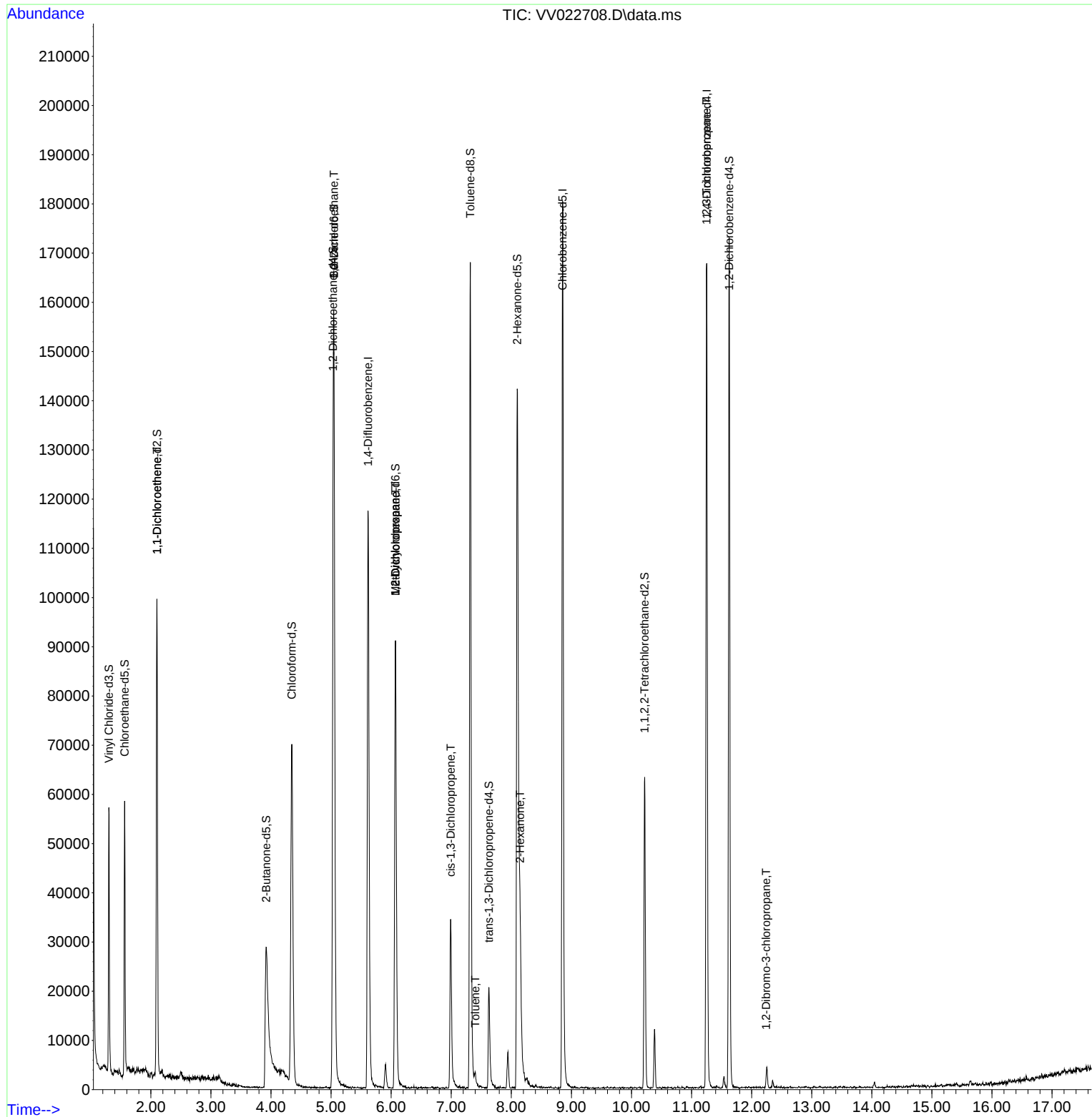
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.616  | 114            | 104020   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 105293   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152            | 47600    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65             | 32756    | 4.577  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 91.600%  |          |
| 7) Chloroethane-d5            | 1.565  | 69             | 31302    | 4.867  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 97.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63             | 49309    | 3.512  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 70.200%  |          |
| 20) 2-Butanone-d5             | 3.921  | 46             | 72946    | 38.873 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 77.740%  |          |
| 24) Chloroform-d              | 4.346  | 84             | 72748    | 4.933  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 98.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 34954    | 4.883  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 97.600%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 140860   | 4.494  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67             | 43657    | 4.703  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.000%  |          |
| 41) Toluene-d8                | 7.317  | 98             | 113026   | 4.171  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 13239    | 4.299  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.000%  |          |
| 46) 2-Hexanone-d5             | 8.098  | 63             | 58617    | 47.235 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 94.480%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84             | 30451    | 4.842  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 45984    | 5.210  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.200% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.101  | 96             | 426      | 0.068  | ug/L #   | 1        |
| 27) 1,2-Dichloroethane        | 5.047  | 62             | 781      | 0.110  | ug/L #   | 69       |
| 35) Methylcyclohexane         | 6.072  | 83             | 11223    | 1.039  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 4924     | 0.722  | ug/L #   | 84       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75             | 973      | 0.108  | ug/L #   | 46       |
| 42) Toluene                   | 7.400  | 91             | 1800     | 0.063  | ug/L     | 88       |
| 48) 2-Hexanone                | 8.146  | 43             | 7439     | 2.776  | ug/L #   | 76       |
| 61) 1,2,3-Trichloropropane    | 11.249 | 75             | 4883     | 1.476  | ug/L #   | 61       |
| 68) 1,2-Dibromo-3-chloropr... | 12.243 | 75             | 43       | 0.071  | ug/L #   | 1        |

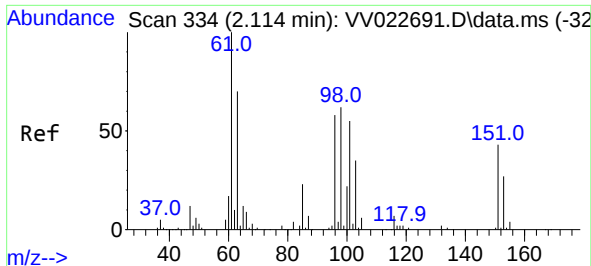
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 01:25:51 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Oct 09 01:23:25 2021  
Response via : Initial Calibration

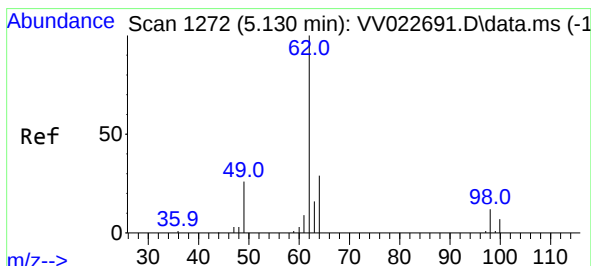
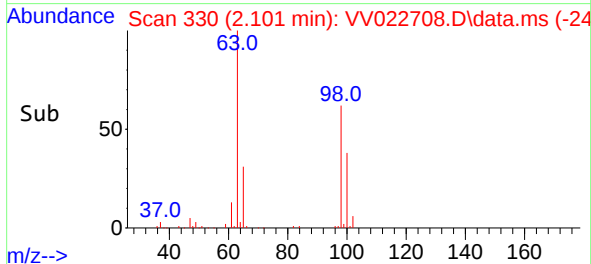
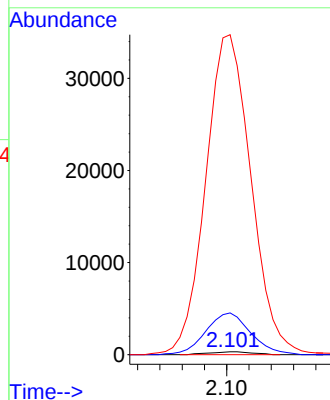
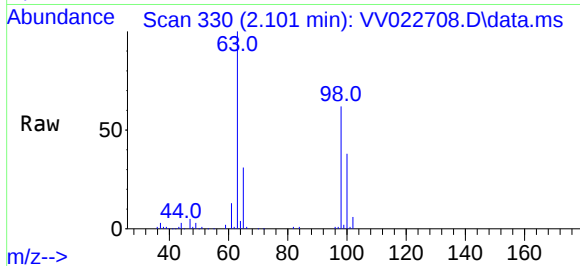




#12  
1,1-Dichloroethene  
Concen: 0.068 ug/L  
RT: 2.101 min Scan# 330  
Delta R.T. -0.013 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

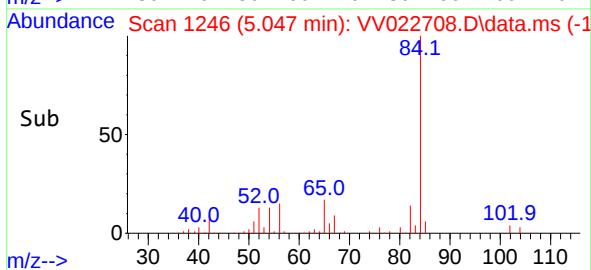
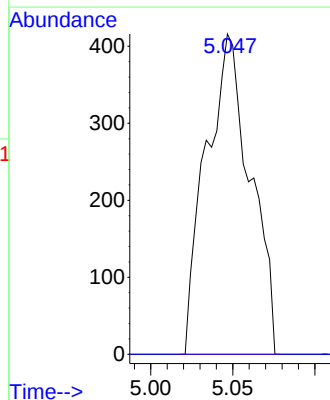
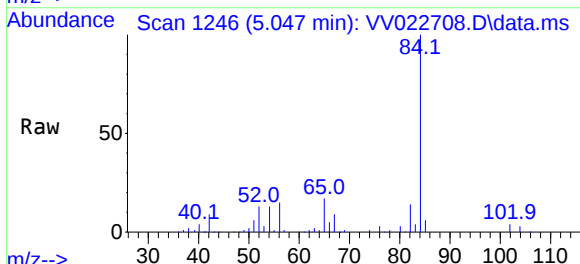
Instrument :  
MSVOA\_V  
ClientSampled :

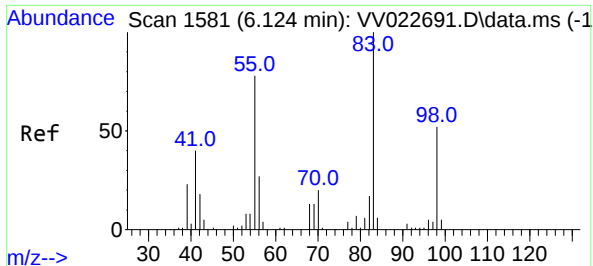
Tgt Ion: 96 Resp: 426  
Ion Ratio Lower Upper  
96 100  
61 1421.9 127.3 236.5#  
63 10891.5 106.2 197.2#



#27  
1,2-Dichloroethane  
Concen: 0.110 ug/L  
RT: 5.047 min Scan# 1246  
Delta R.T. -0.083 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

Tgt Ion: 62 Resp: 781  
Ion Ratio Lower Upper  
62 100  
98 0.0 9.7 14.5#

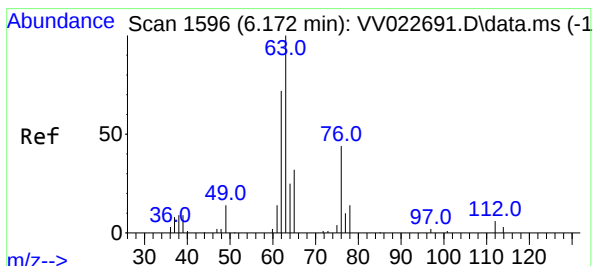
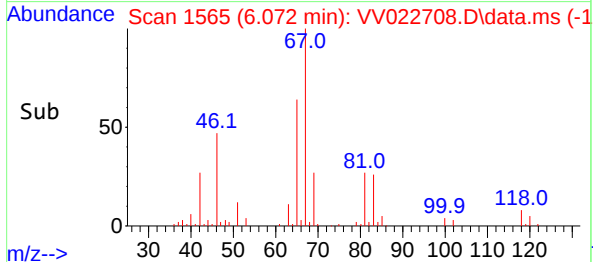
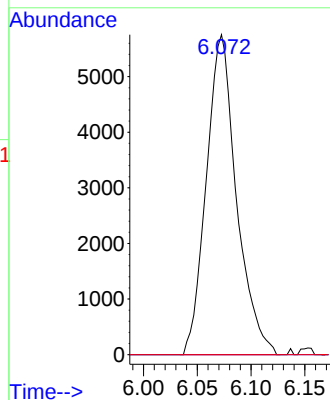
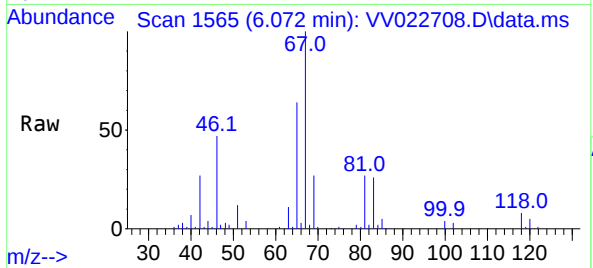




#35  
Methylcyclohexane  
Concen: 1.039 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.051 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

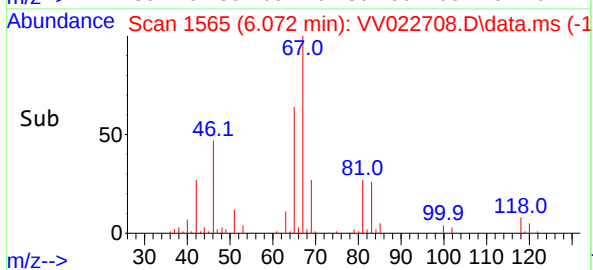
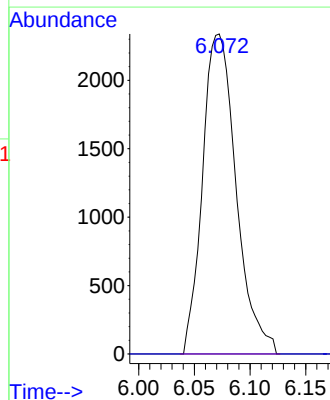
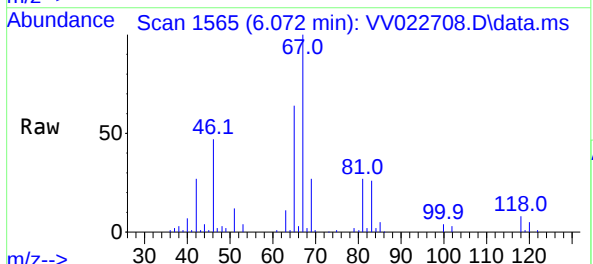
Instrument :  
MSVOA\_V  
ClientSampled :

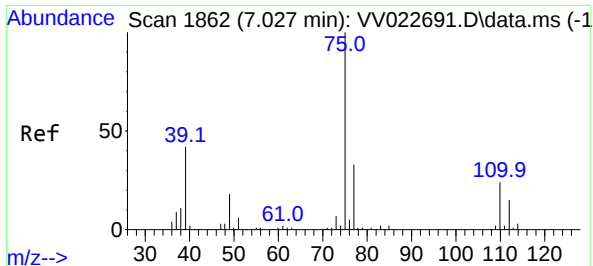
Tgt Ion: 83 Resp: 11223  
Ion Ratio Lower Upper  
83 100  
55 0.0 63.8 95.6#  
98 5.7 42.1 63.1#



#37  
1,2-Dichloropropane  
Concen: 0.722 ug/L  
RT: 6.072 min Scan# 1565  
Delta R.T. -0.100 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

Tgt Ion: 63 Resp: 4924  
Ion Ratio Lower Upper  
63 100  
112 0.0 4.4 6.6#

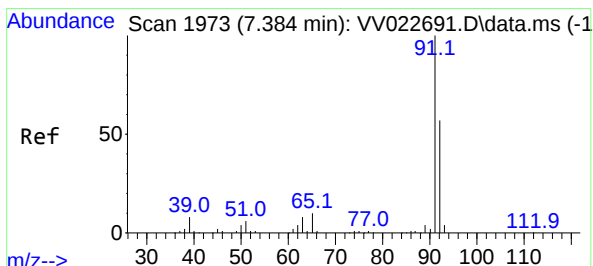
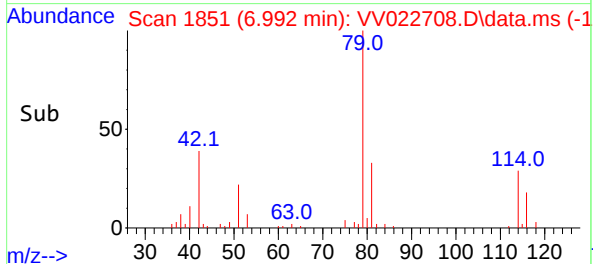
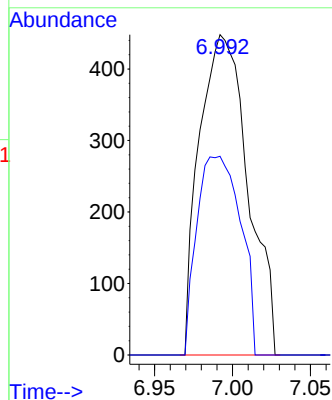
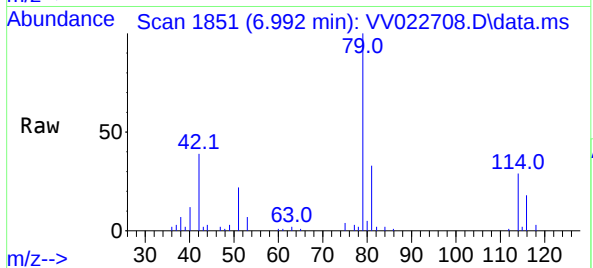




#39  
 cis-1,3-Dichloropropene  
 Concen: 0.108 ug/L  
 RT: 6.992 min Scan# 1851  
 Delta R.T. -0.035 min  
 Lab File: VV022708.D  
 Acq: 08 Oct 2021 17:20

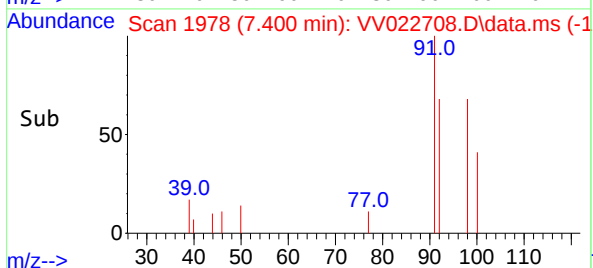
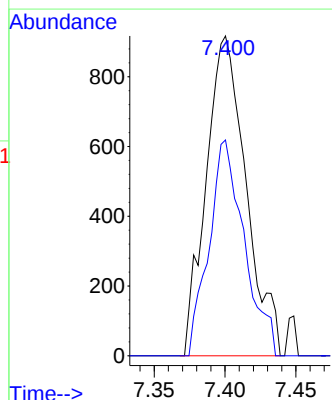
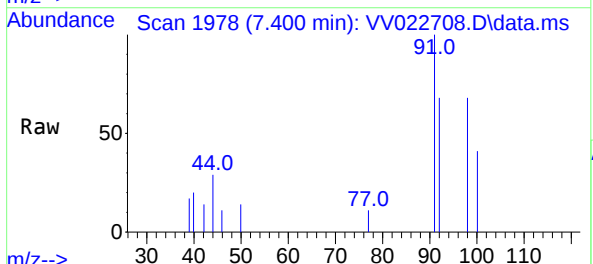
Instrument :  
 MSVOA\_V  
 ClientSampled :

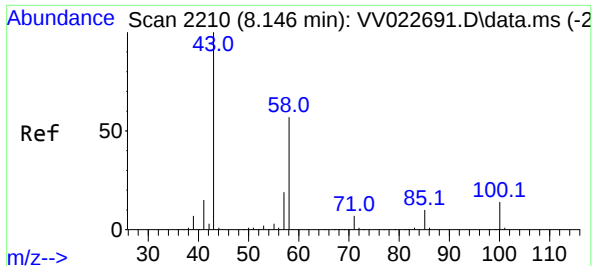
Tgt Ion: 75 Resp: 973  
 Ion Ratio Lower Upper  
 75 100  
 77 62.1 22.3 41.3#



#42  
 Toluene  
 Concen: 0.063 ug/L  
 RT: 7.400 min Scan# 1978  
 Delta R.T. 0.016 min  
 Lab File: VV022708.D  
 Acq: 08 Oct 2021 17:20

Tgt Ion: 91 Resp: 1800  
 Ion Ratio Lower Upper  
 91 100  
 92 67.5 40.7 75.7



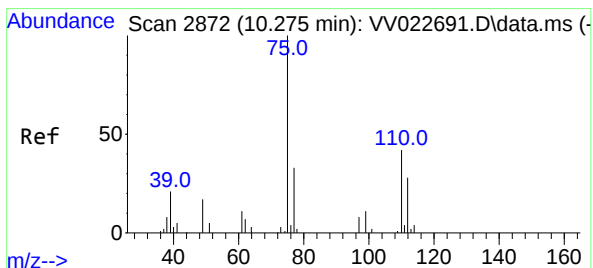
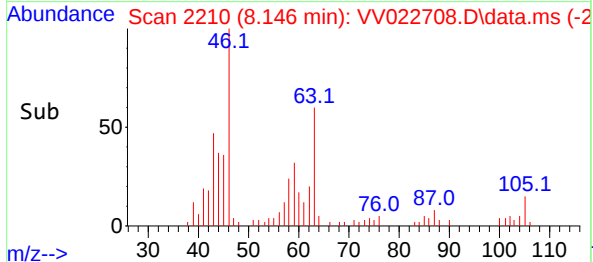
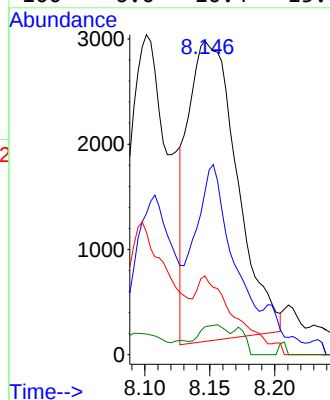
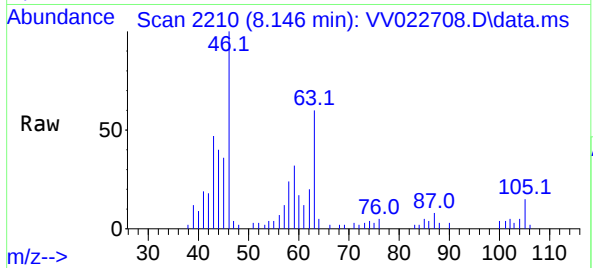


#48  
2-Hexanone  
Concen: 2.776 ug/L  
RT: 8.146 min Scan# 2210  
Delta R.T. 0.000 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion: 43 Resp: 7439

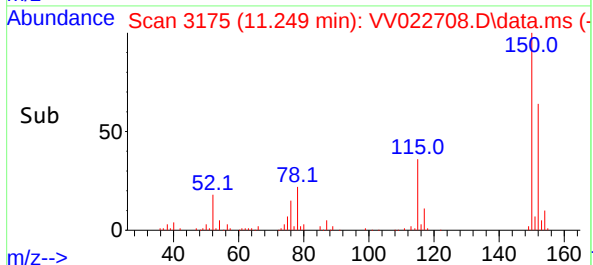
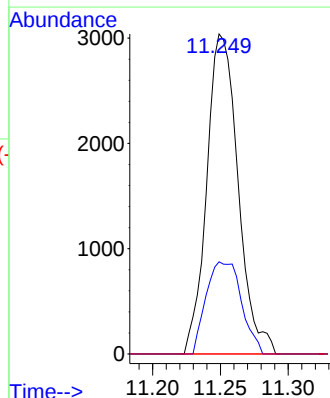
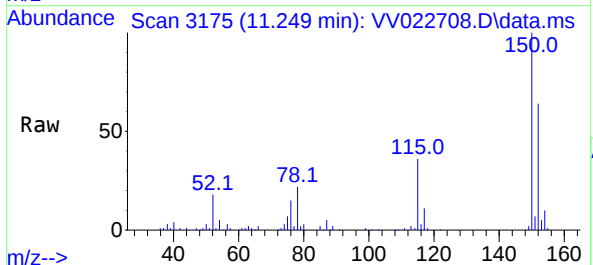
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.5  | 47.4  | 71.0# |
| 57  | 20.7  | 15.3  | 22.9  |
| 100 | 6.0   | 10.4  | 15.6# |

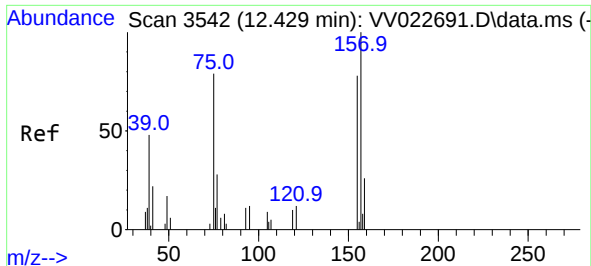


#61  
1,2,3-Trichloropropane  
Concen: 1.476 ug/L  
RT: 11.249 min Scan# 3175  
Delta R.T. 0.974 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

Tgt Ion: 75 Resp: 4883

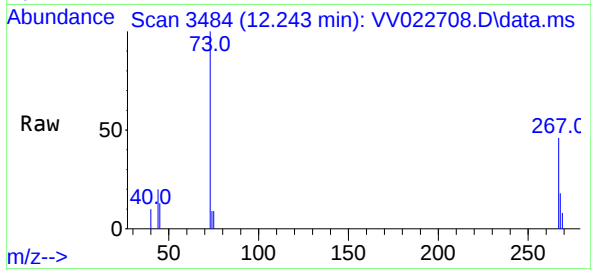
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 32.4  | 25.4  | 38.2  |
| 110 | 0.0   | 34.2  | 51.4# |





#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.071 ug/L  
RT: 12.243 min Scan# 3484  
Delta R.T. -0.186 min  
Lab File: VV022708.D  
Acq: 08 Oct 2021 17:20

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 75 Resp: 43  
Ion Ratio Lower Upper  
75 100  
155 0.0 82.4 123.6#  
157 0.0 114.1 171.1#

