

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW103123\  
 Data File : VW032798.D  
 Acq On : 31 Oct 2023 15:04  
 Operator : SY/MD  
 Sample : 05105-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Nov 01 05:49:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 01 05:44:49 2023  
 Response via : Initial Calibration

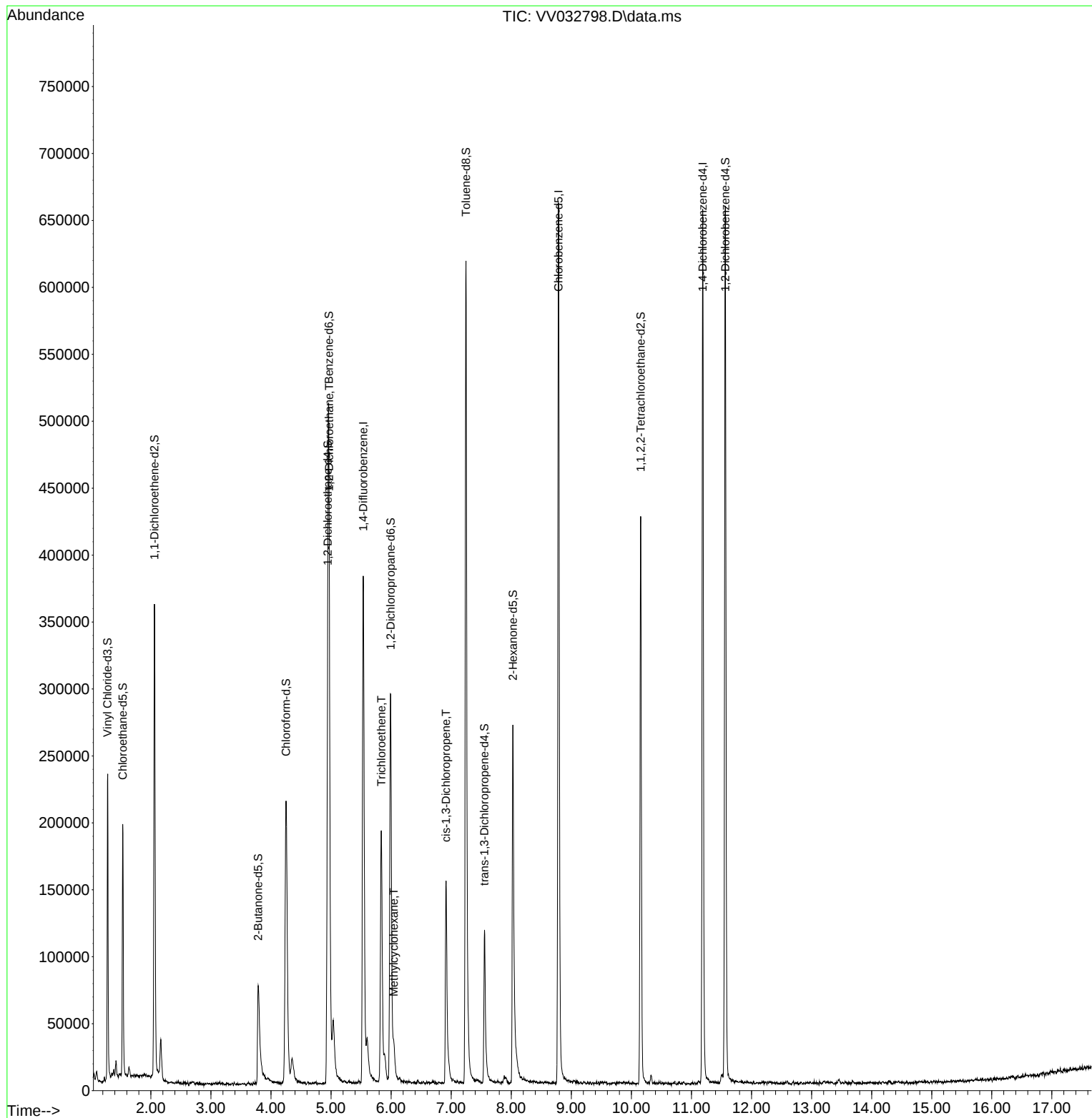
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 333885     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 374724     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 167676     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 144147     | 45.391   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 90.780%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 120448     | 45.350   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 90.700%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 58545      | 44.633   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.260%  |        |          |
| 21) 2-Butanone-d5             | 3.786          | 46   | 125132     | 90.842   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.840%  |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 226280     | 44.641   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.280%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 144132     | 45.750   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.500%  |        |          |
| 32) Benzene-d6                | 4.963          | 84   | 447020     | 46.397   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.800%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 135414     | 46.262   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.520%  |        |          |
| 41) Toluene-d8                | 7.246          | 98   | 437016     | 46.065   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.140%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 69267      | 45.437   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.880%  |        |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 92595      | 86.651   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 86.650%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156         | 84   | 197753     | 44.521   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 89.040%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 168910     | 52.274   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.540% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 27) 1,2-Dichloroethane        | 4.970          | 62   | 3221       | 0.863    | ug/L   | 96       |
| 34) Trichloroethene           | 5.838          | 95   | 66180      | 23.926   | ug/L   | 96       |
| 35) Methylcyclohexane         | 6.043          | 83   | 3196       | 0.738    | ug/L # | 23       |
| 39) cis-1,3-Dichloropropene   | 6.912          | 75   | 4382       | 1.107    | ug/L # | 63       |
| -----                         |                |      |            |          |        |          |

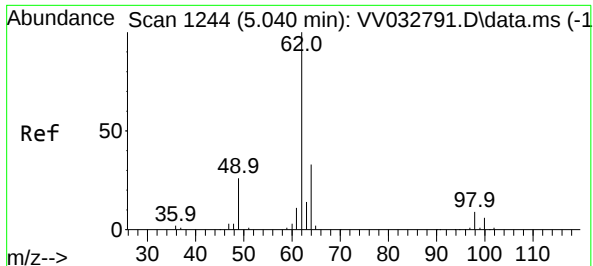
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV103123\  
Data File : VV032798.D  
Acq On : 31 Oct 2023 15:04  
Operator : SY/MD  
Sample : 05105-07  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Nov 01 05:49:10 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103123WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Nov 01 05:44:49 2023  
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.863 ug/L

RT: 4.970 min Scan# 1

Delta R.T. -0.071 min

Lab File: VV032798.D

Acq: 31 Oct 2023 15:04

Instrument :

MSVOA\_V

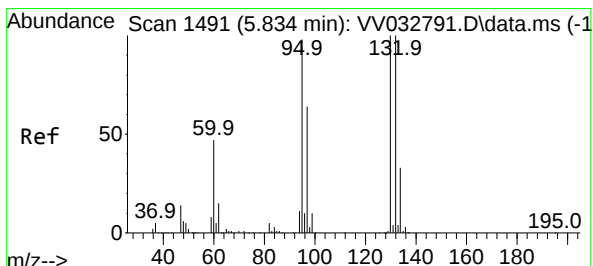
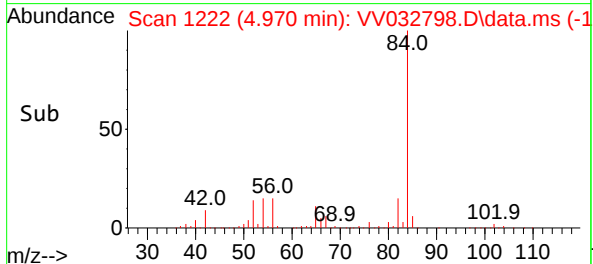
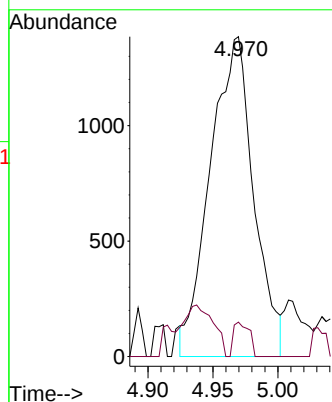
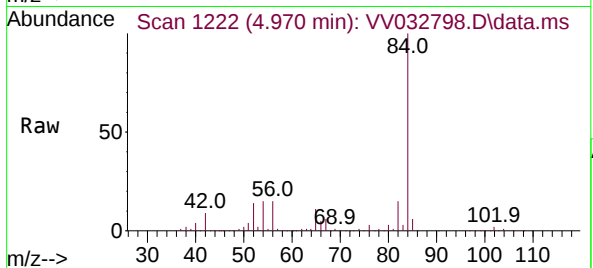
ClientSampleId :

Tgt Ion: 62 Resp: 3221

Ion Ratio Lower Upper

62 100

98 10.8 7.5 11.3



#34

Trichloroethene

Concen: 23.926 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV032798.D

Acq: 31 Oct 2023 15:04

Tgt Ion: 95 Resp: 66180

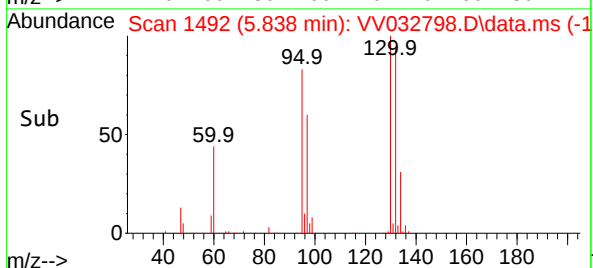
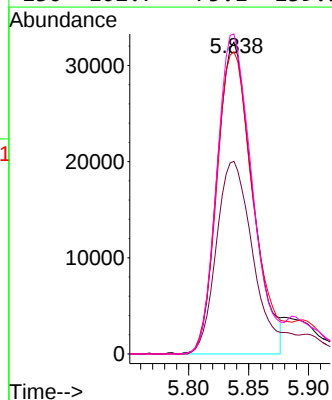
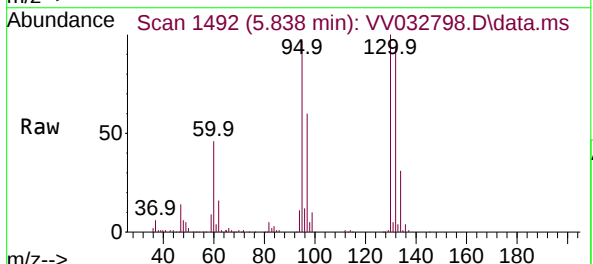
Ion Ratio Lower Upper

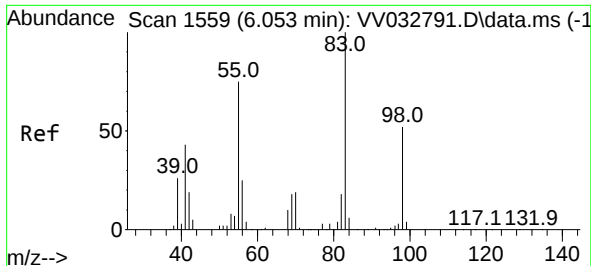
95 100

97 61.8 46.3 85.9

132 97.0 69.0 128.2

130 102.7 75.1 139.5

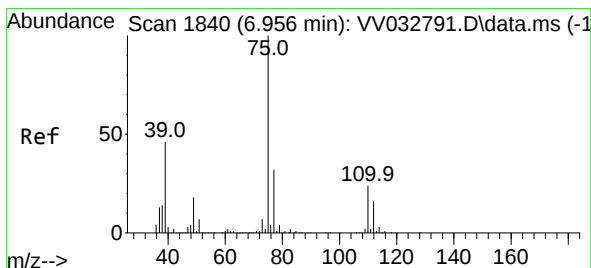
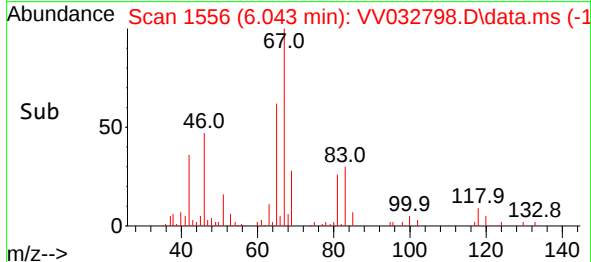
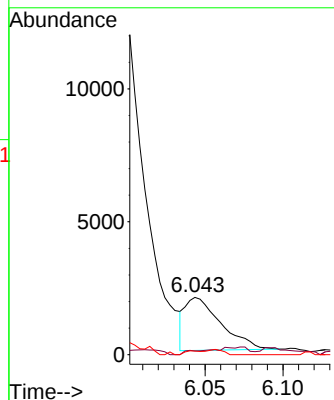
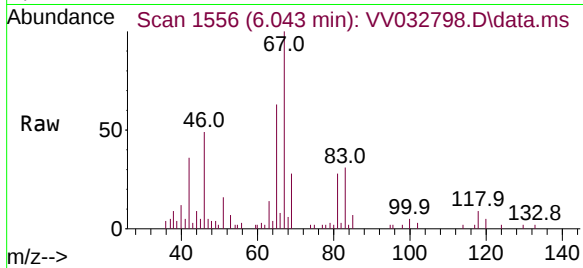




#35  
Methylcyclohexane  
Concen: 0.738 ug/L  
RT: 6.043 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: VV032798.D  
Acq: 31 Oct 2023 15:04

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 3196  
Ion Ratio Lower Upper  
83 100  
55 2.7 57.8 86.8#  
98 3.0 39.4 59.2#



#39  
cis-1,3-Dichloropropene  
Concen: 1.107 ug/L  
RT: 6.912 min Scan# 1826  
Delta R.T. -0.045 min  
Lab File: VV032798.D  
Acq: 31 Oct 2023 15:04

Tgt Ion: 75 Resp: 4382  
Ion Ratio Lower Upper  
75 100  
77 53.6 23.0 42.8#

