

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111822\  
 Data File : VW029134.D  
 Acq On : 18 Nov 2022 22:22  
 Operator : SY/MD  
 Sample : N5688-09  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGCF5

Quant Time: Nov 19 02:00:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 18 04:35:43 2022  
 Response via : Initial Calibration

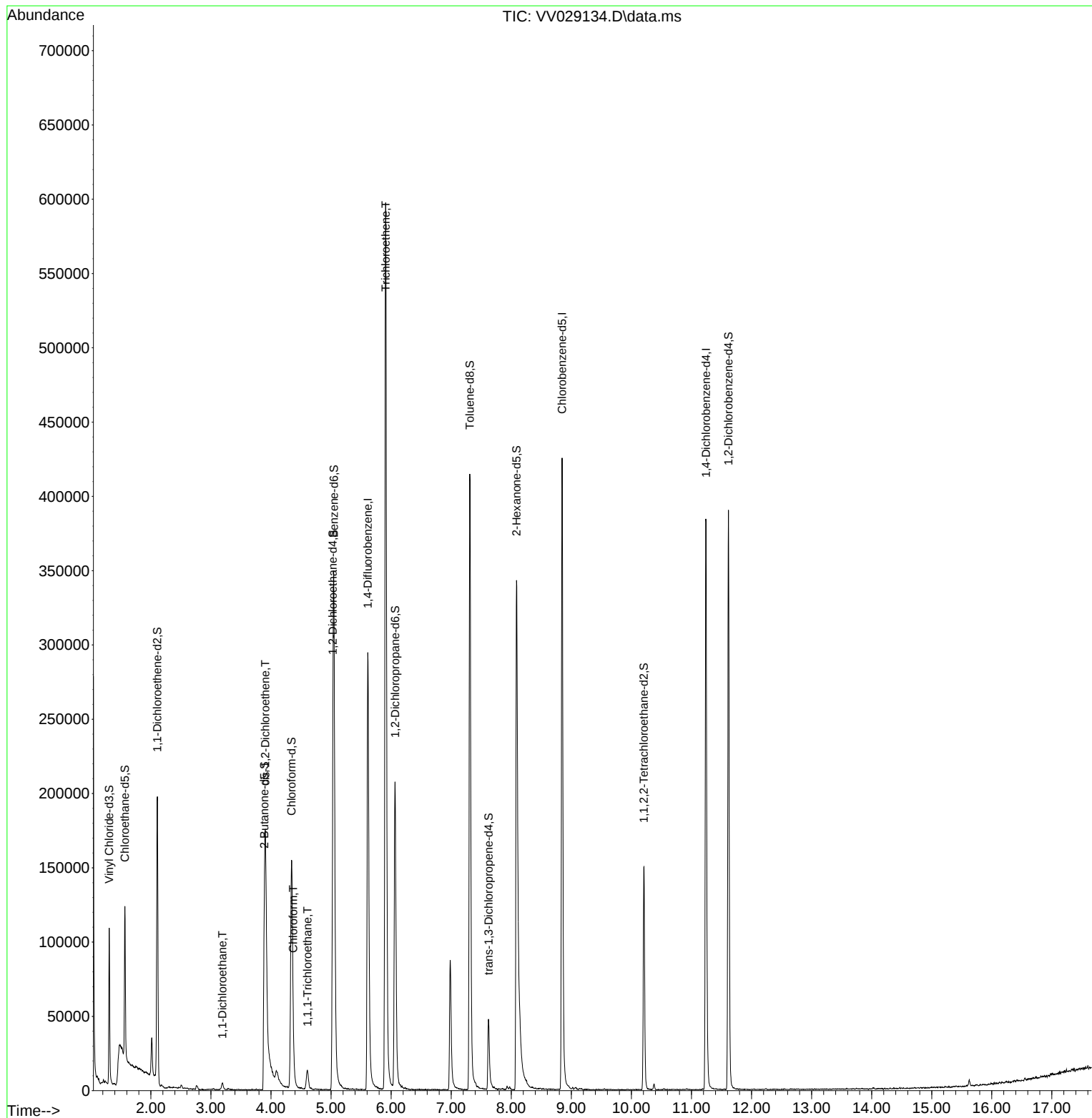
| Compound                      | R.T.   | QIon           | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|-----------|----------|
| Internal Standards            |        |                |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 275263   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 254077   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152            | 111433   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |                |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 71941    | 4.287  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 85.800%   |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 65754    | 4.457  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.200%   |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 101199   | 3.309  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 66.200%   |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 210145   | 74.808 | ug/L      | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 149.620%# |          |
| 24) Chloroform-d              | 4.342  | 84             | 164689   | 4.780  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 95.600%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65             | 81873    | 5.282  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.600%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 341038   | 4.497  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 90.000%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 108828   | 5.139  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.800%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 297095   | 4.352  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.000%   |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 32673    | 4.730  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 94.600%   |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 146881   | 49.821 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 99.640%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.207 | 84             | 77211    | 5.259  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152            | 106393   | 5.337  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.800%  |          |
| Target Compounds              |        |                |          |        |           |          |
|                               |        |                |          |        | Qvalue    |          |
| 19) 1,1-Dichloroethane        | 3.191  | 63             | 4815     | 0.152  | ug/L      | 97       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96             | 69449    | 3.535  | ug/L      | 99       |
| 25) Chloroform                | 4.368  | 83             | 8747     | 0.264  | ug/L      | 80       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97             | 10640    | 0.357  | ug/L      | 98       |
| 34) Trichloroethene           | 5.908  | 95             | 221286   | 11.133 | ug/L      | 97       |

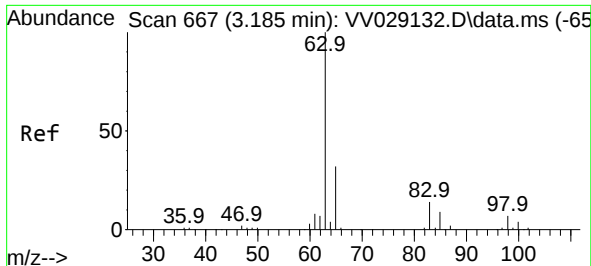
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV029134.D

Acq: 18 Nov 2022 22:22

Instrument :

MSVOA\_V

ClientSampleId :

BGCF5

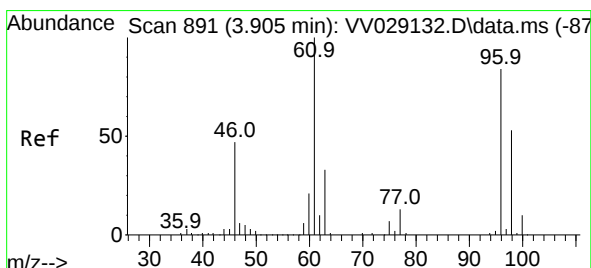
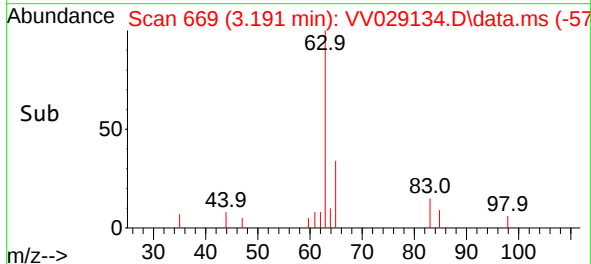
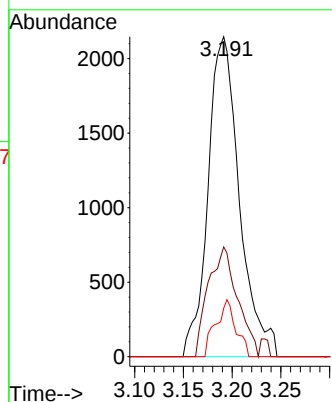
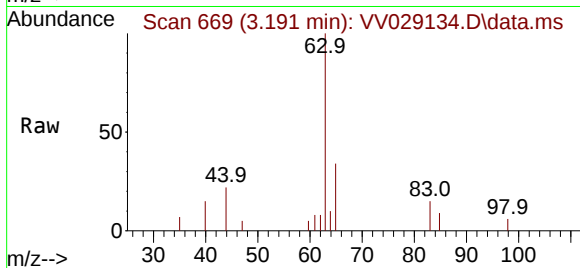
Tgt Ion: 63 Resp: 4815

Ion Ratio Lower Upper

63 100

65 34.3 23.0 42.6

83 15.2 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 3.535 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV029134.D

Acq: 18 Nov 2022 22:22

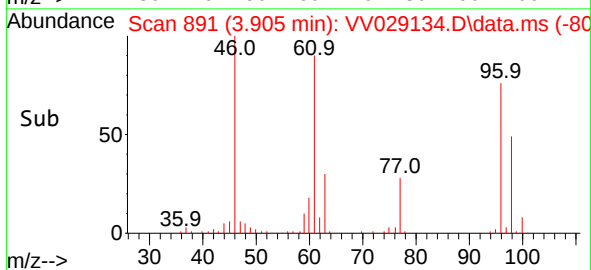
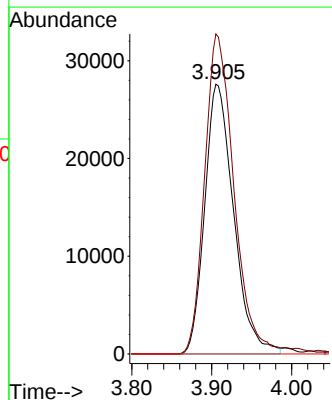
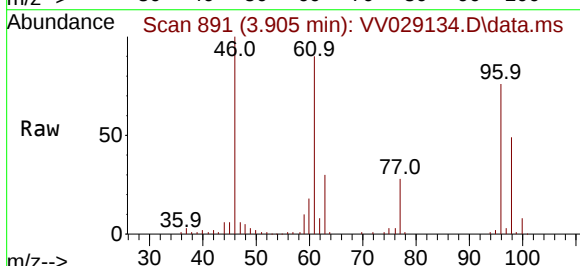
Tgt Ion: 96 Resp: 69449

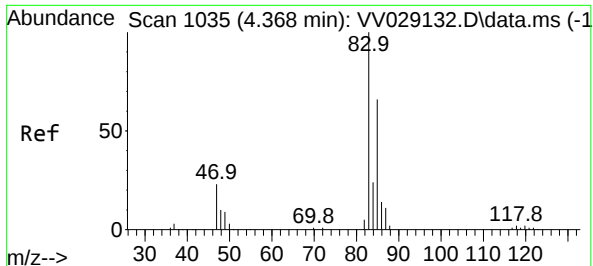
Ion Ratio Lower Upper

96 100

61 118.6 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.264 ug/L

RT: 4.368 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VV029134.D

Acq: 18 Nov 2022 22:22

Instrument :

MSVOA\_V

ClientSampleId :

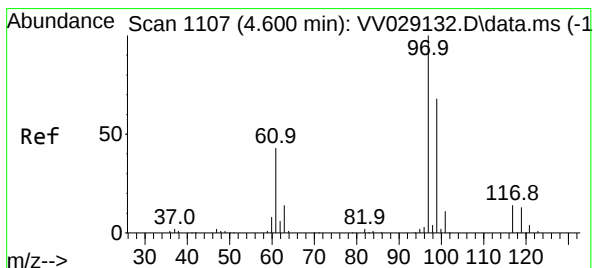
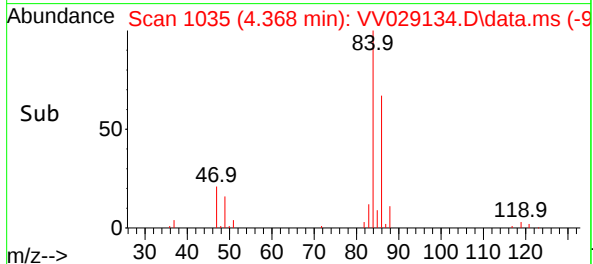
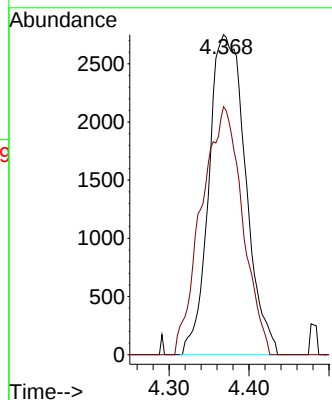
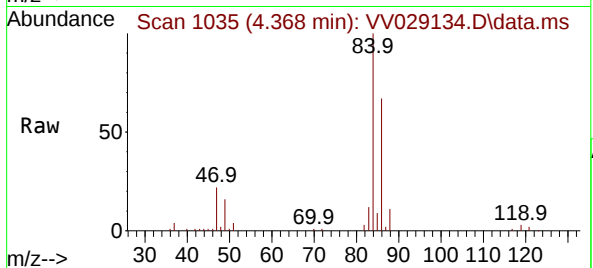
BGCF5

Tgt Ion: 83 Resp: 8747

Ion Ratio Lower Upper

83 100

85 77.5 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.357 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV029134.D

Acq: 18 Nov 2022 22:22

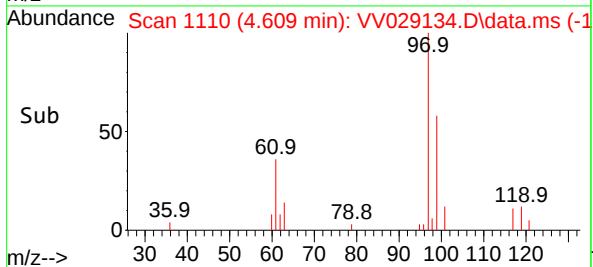
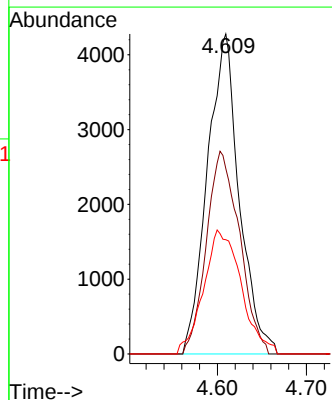
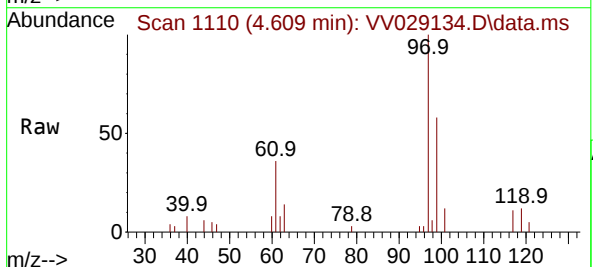
Tgt Ion: 97 Resp: 10640

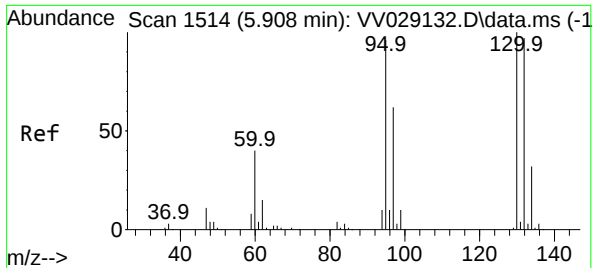
Ion Ratio Lower Upper

97 100

99 65.9 52.7 79.1

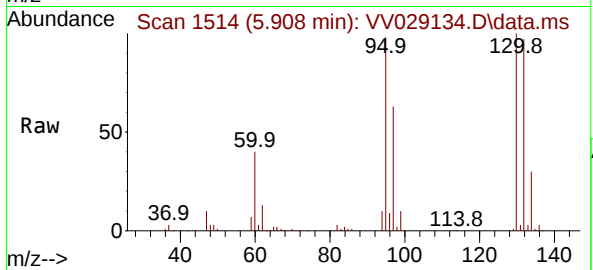
61 45.6 33.8 50.6





#34  
 Trichloroethene  
 Concen: 11.133 ug/L  
 RT: 5.908 min Scan# 11  
 Delta R.T. -0.007 min  
 Lab File: VV029134.D  
 Acq: 18 Nov 2022 22:22

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGCF5



Tgt Ion: 95 Resp: 221286

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 63.8  | 45.6  | 84.8  |
| 132 | 98.4  | 69.1  | 128.3 |
| 130 | 101.6 | 74.9  | 139.1 |

