

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060121\  
 Data File : VW021465.D  
 Acq On : 01 Jun 2021 17:22  
 Operator : SY/MD  
 Sample : M2568-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0GN2

Quant Time: Jun 02 00:51:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 02 00:49:39 2021  
 Response via : Initial Calibration

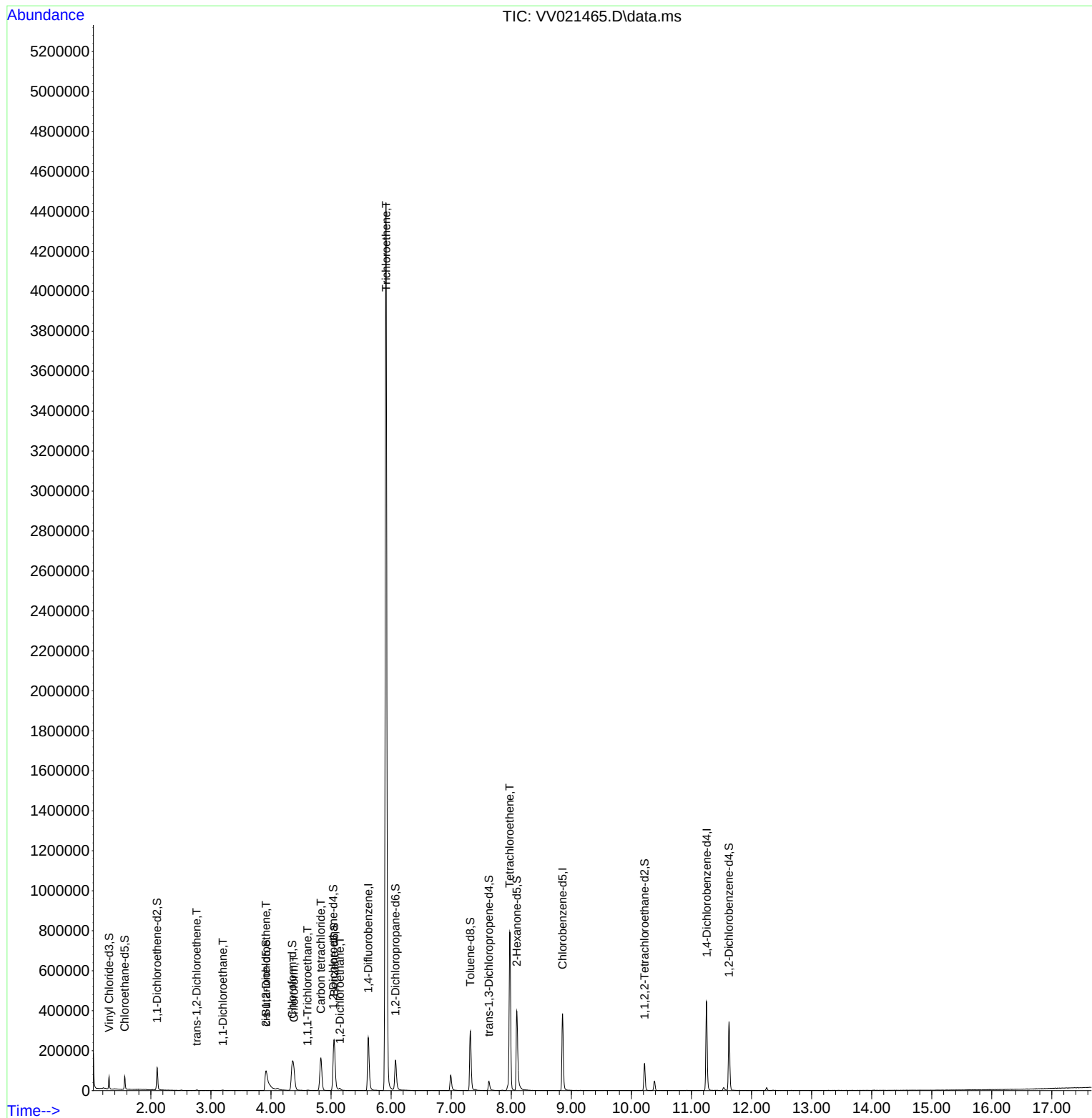
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 251715   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 231687   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252 | 152   | 131010   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 36477    | 3.425    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 68.600%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 41813    | 4.114    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 53668    | 2.658    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 53.200%# |
| 20) 2-Butanone-d5             | 3.918  | 46    | 196673   | 51.375   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 102.760% |
| 24) Chloroform-d              | 4.352  | 84    | 127164   | 4.305    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 61410    | 4.522    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%  |
| 32) Benzene-d6                | 5.053  | 84    | 232342   | 4.168    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 77160    | 4.268    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.400%  |
| 41) Toluene-d8                | 7.320  | 98    | 207119   | 4.052    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.000%  |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 30620    | 4.069    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.400%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 165615   | 46.746   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.500%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220 | 84    | 65715    | 4.510    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 98825    | 4.376    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 87.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 1303     | 0.084    | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 3.198  | 63    | 2907     | 0.106    | ug/L # | 89       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 24998    | 1.474    | ug/L   | 96       |
| 25) Chloroform                | 4.381  | 83    | 99714    | 3.537    | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 5.146  | 62    | 8982     | 0.589    | ug/L # | 93       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97    | 1838     | 0.071    | ug/L   | 95       |
| 31) Carbon tetrachloride      | 4.831  | 117   | 129117   | 5.474    | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95    | 1527279  | 91.969   | ug/L   | 99       |
| 47) Tetrachloroethene         | 7.976  | 164   | 197208   | 13.028   | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

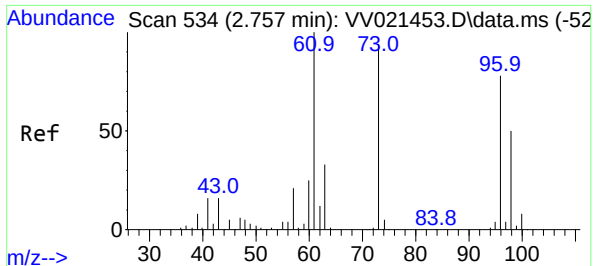
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060121\  
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Sample : M2568-02  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0GN2

Quant Time: Jun 02 00:51:12 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Jun 02 00:49:39 2021  
Response via : Initial Calibration

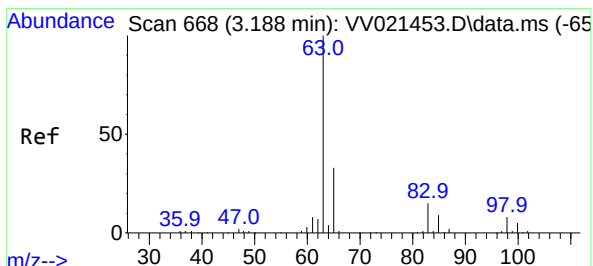
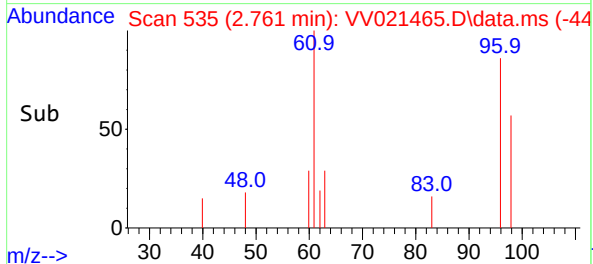
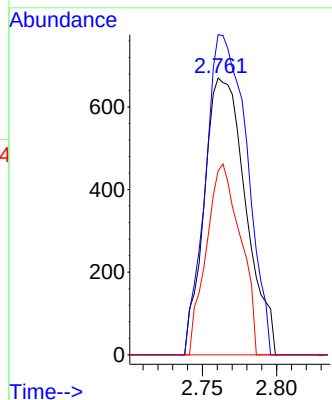
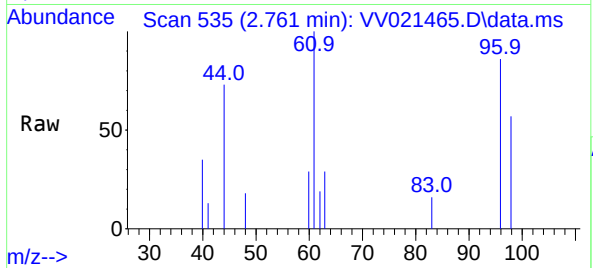




#18  
trans-1,2-Dichloroethene  
Concen: 0.084 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.003 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

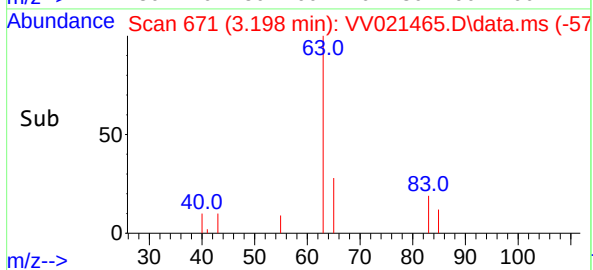
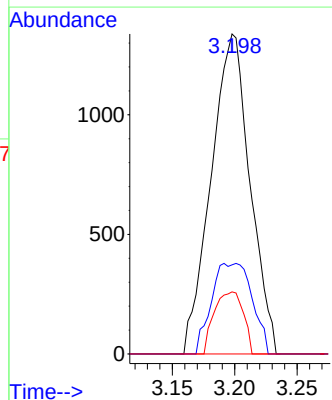
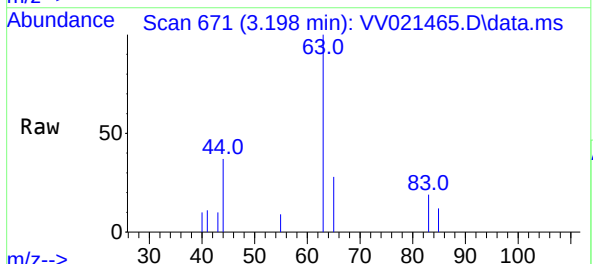
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0GN2

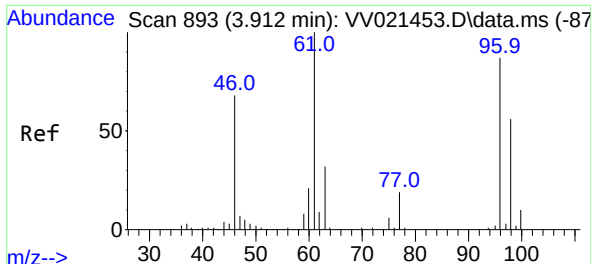
Tgt Ion: 96 Resp: 1303  
Ion Ratio Lower Upper  
96 100  
61 115.7 88.7 164.7  
98 66.4 44.4 82.4



#19  
1,1-Dichloroethane  
Concen: 0.106 ug/L  
RT: 3.198 min Scan# 671  
Delta R.T. 0.010 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

Tgt Ion: 63 Resp: 2907  
Ion Ratio Lower Upper  
63 100  
65 27.9 23.2 43.2  
83 19.4 9.4 17.4#

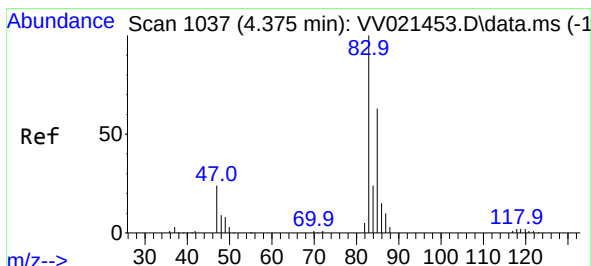
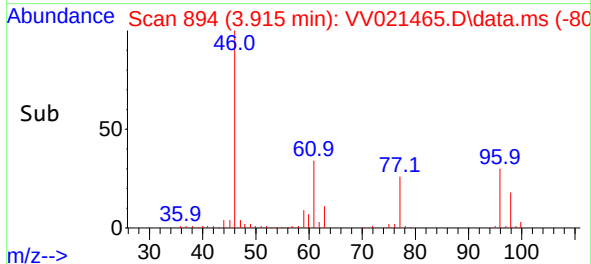
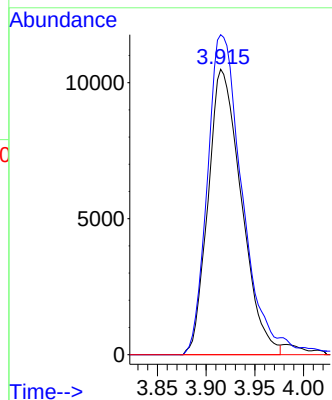
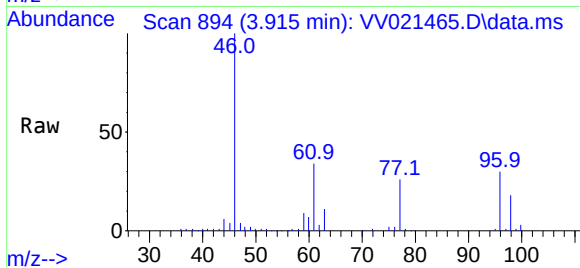




#22  
cis-1,2-Dichloroethene  
Concen: 1.474 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.003 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

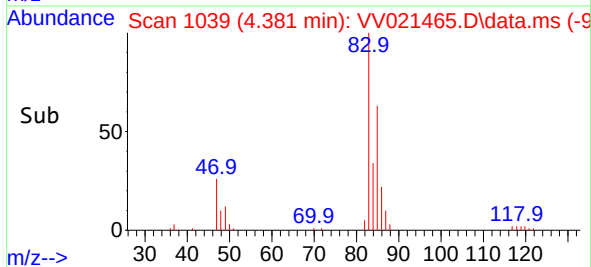
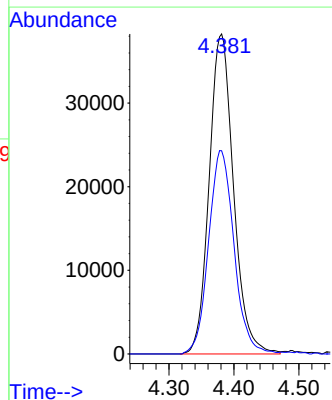
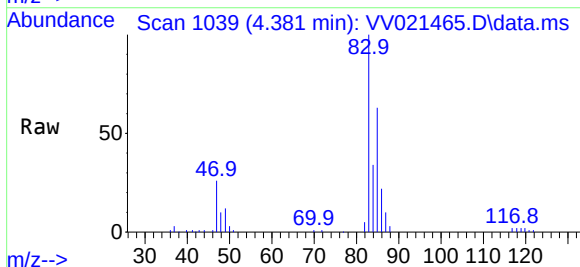
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0GN2

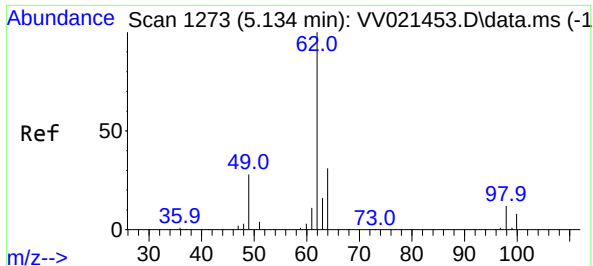
Tgt Ion: 96 Resp: 24998  
Ion Ratio Lower Upper  
96 100  
61 112.1 81.9 152.1  
68 0.0 0.0 0.0



#25  
Chloroform  
Concen: 3.537 ug/L  
RT: 4.381 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

Tgt Ion: 83 Resp: 99714  
Ion Ratio Lower Upper  
83 100  
85 63.5 45.8 85.2



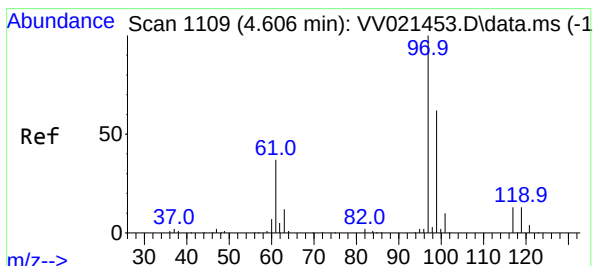
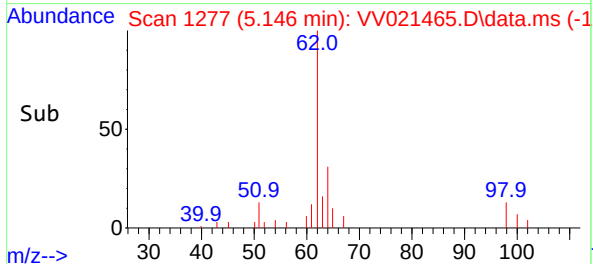
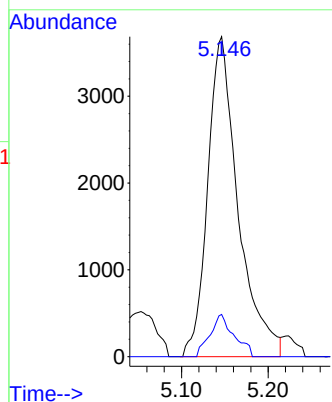
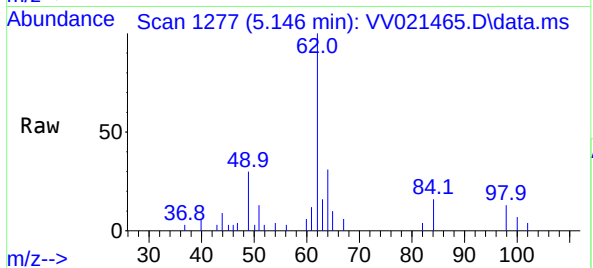


#27

1,2-Dichloroethane  
Concen: 0.589 ug/L  
RT: 5.146 min Scan# 1277  
Delta R.T. 0.013 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

Instrument :  
MSVOA\_V  
ClientSampled :  
C0GN2

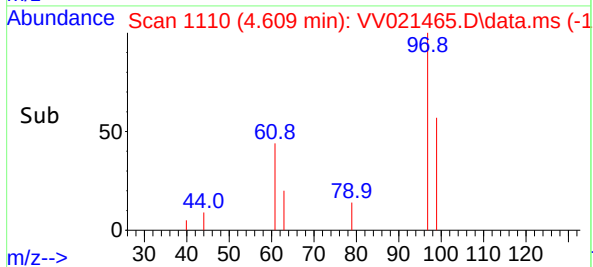
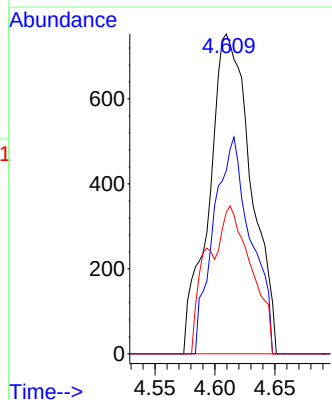
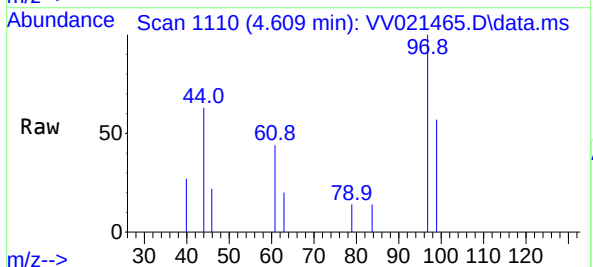
Tgt Ion: 62 Resp: 8982  
Ion Ratio Lower Upper  
62 100  
98 13.2 8.4 12.6#

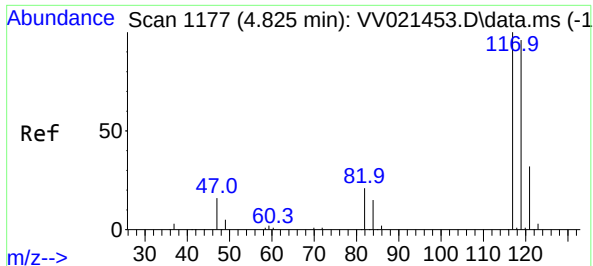


#29

1,1,1-Trichloroethane  
Concen: 0.071 ug/L  
RT: 4.609 min Scan# 1110  
Delta R.T. 0.003 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

Tgt Ion: 97 Resp: 1838  
Ion Ratio Lower Upper  
97 100  
99 60.0 50.6 75.8  
61 34.7 30.4 45.6

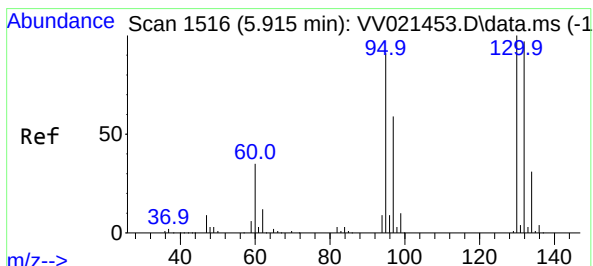
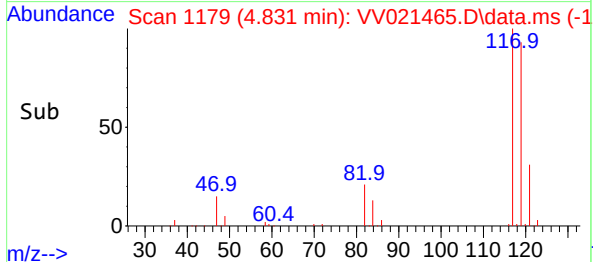
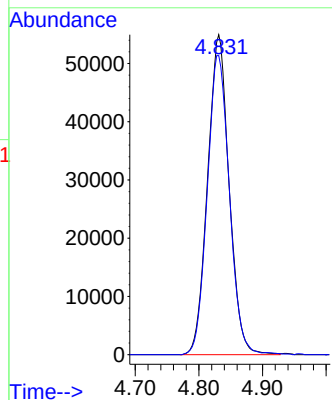
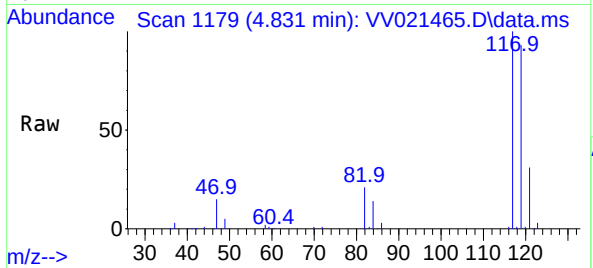




#31  
Carbon tetrachloride  
Concen: 5.474 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. 0.006 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

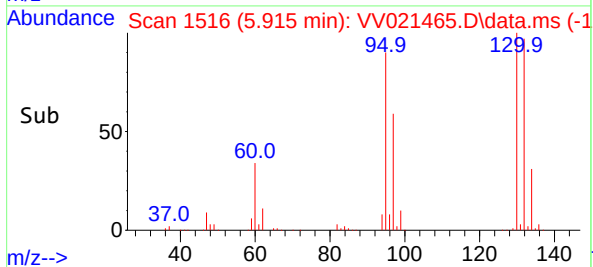
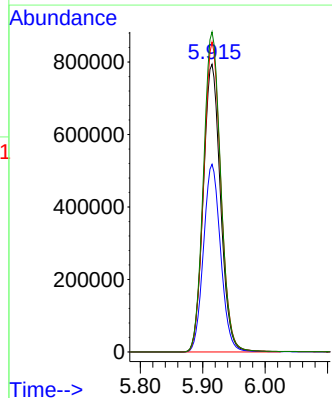
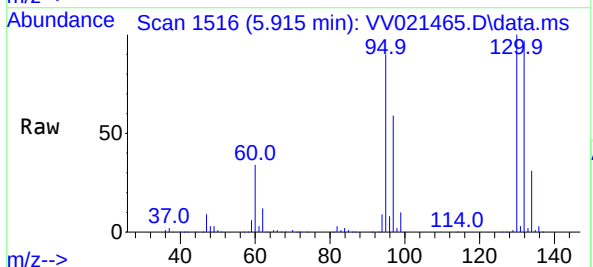
Instrument :  
MSVOA\_V  
ClientSampled :  
C0GN2

Tgt Ion:117 Resp: 129117  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.0 115.6

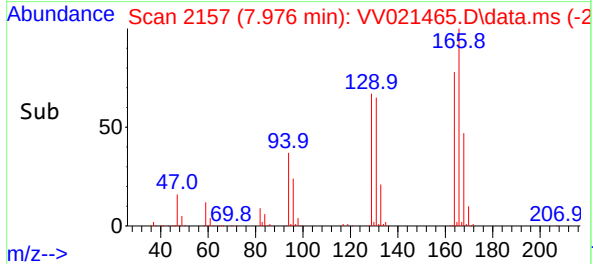
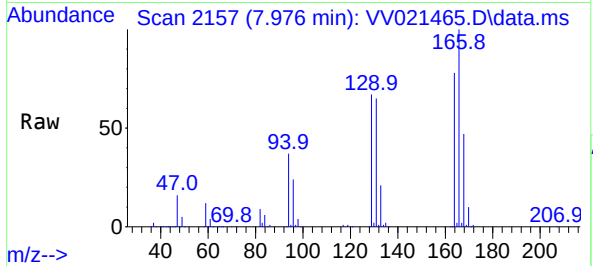
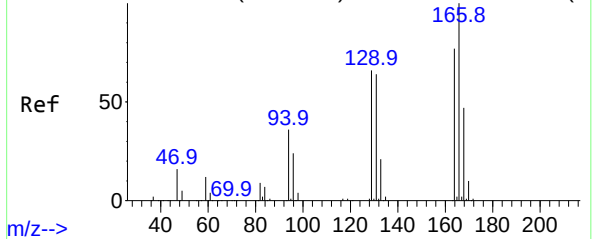


#34  
Trichloroethene  
Concen: 91.969 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

Tgt Ion: 95 Resp: 1527279  
Ion Ratio Lower Upper  
95 100  
97 65.2 45.4 84.4  
132 107.8 74.5 138.3  
130 111.2 77.7 144.3

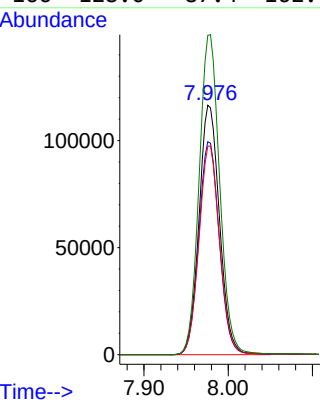


Abundance Scan 2157 (7.976 min): VV021453.D\data.ms (-2



#47  
Tetrachloroethene  
Concen: 13.028 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.000 min  
Lab File: VV021465.D  
Acq: 01 Jun 2021 17:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 197208      |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 85.4  | 61.8 114.8  |
| 131         | 83.6  | 57.8 107.4  |
| 166         | 128.0 | 87.4 162.4  |



Instrument :  
MSVOA\_V  
ClientSampleId :  
C0GN2