

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV093022\  
 Data File : VV028263.D  
 Acq On : 01 Oct 2022 06:48  
 Operator : SY/MD  
 Sample : N4856-19  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 49 Sample Multiplier: 1

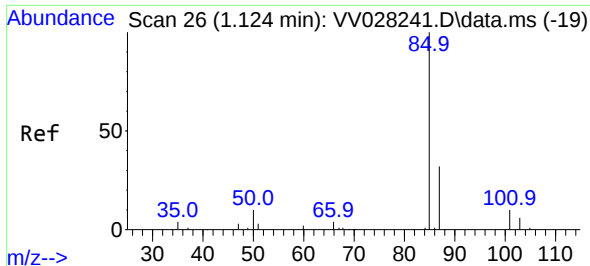
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H48

Quant Time: Oct 03 01:28:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Sep 29 01:25:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 185972   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 192484   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 86505    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 63383    | 3.287    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 65.800%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 58122    | 3.792    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63    | 93296    | 2.790    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 55.800%# |
| 20) 2-Butanone-d5             | 3.895  | 46    | 145445   | 44.684   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.360%  |
| 24) Chloroform-d              | 4.342  | 84    | 129956   | 4.224    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 61514    | 4.202    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.000%  |
| 32) Benzene-d6                | 5.043  | 84    | 259107   | 4.105    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 84625    | 4.301    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.000%  |
| 41) Toluene-d8                | 7.313  | 98    | 219826   | 3.848    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 77.000%  |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 24633    | 3.466    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 69.400%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 130794   | 44.092   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 88.180%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 62546    | 4.651    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 83787    | 4.938    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 98.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.124  | 85    | 5576     | 0.401    | ug/L # | 80       |
| 3) Chloromethane              | 1.233  | 50    | 789      | 0.043    | ug/L # | 40       |
| 8) Chloroethane               | 1.391  | 64    | 376132   | 38.894   | ug/L # | 51       |
| 12) 1,1-Dichloroethene        | 2.098  | 96    | 1046     | 0.081    | ug/L # | 1        |
| 14) Carbon disulfide          | 2.288  | 76    | 3021     | 0.122    | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.137  | 62    | 3600     | 0.256    | ug/L # | 88       |
| 35) Methylcyclohexane         | 6.063  | 83    | 20811    | 1.141    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 8942     | 0.597    | ug/L # | 88       |
| 47) Tetrachloroethene         | 7.976  | 164   | 887      | 0.084    | ug/L   | 79       |
| 49) Dibromochloromethane      | 7.976  | 129   | 818      | 0.068    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 8776     | 1.210    | ug/L # | 66       |
| -----                         |        |       |          |          |        |          |

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

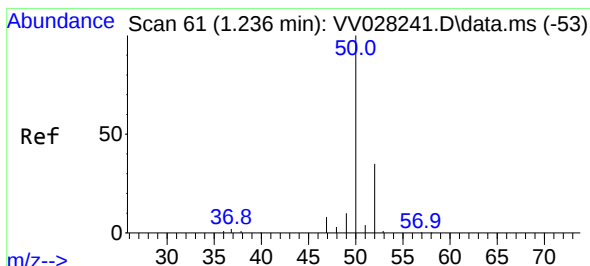
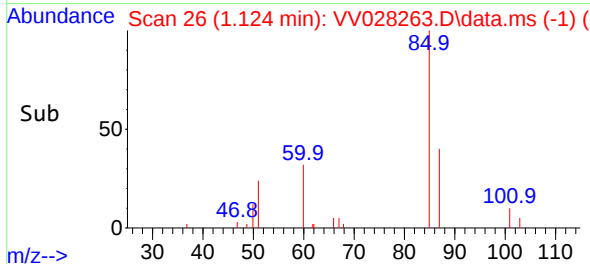
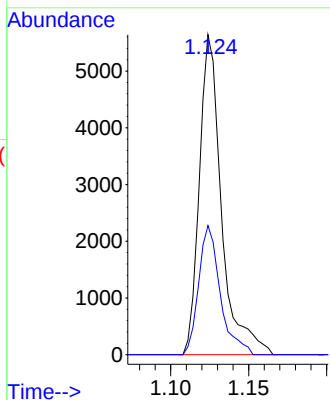
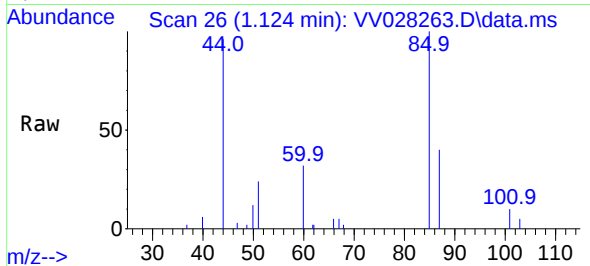




#2  
 Dichlorodifluoromethane  
 Concen: 0.401 ug/L  
 RT: 1.124 min Scan# 2  
 Delta R.T. -0.000 min  
 Lab File: VV028263.D  
 Acq: 01 Oct 2022 06:48

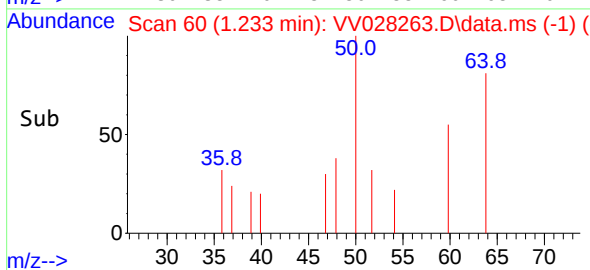
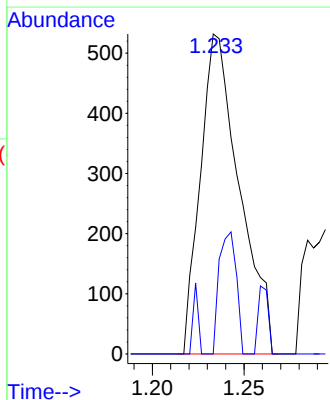
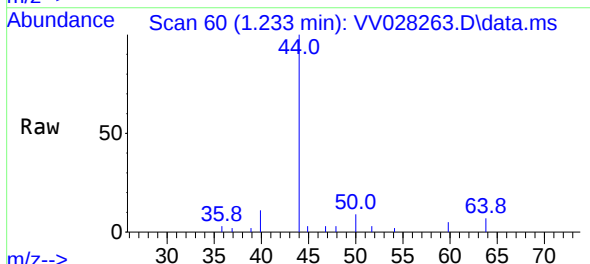
Instrument : MSVOA\_V  
 ClientSampleId : F5H48

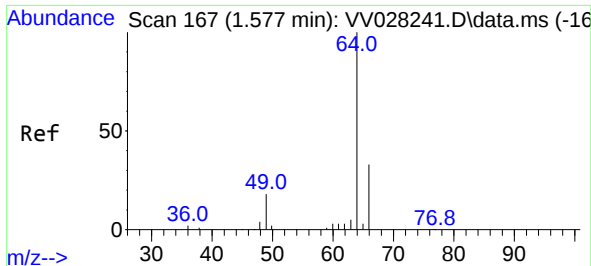
Tgt Ion: 85 Resp: 5576  
 Ion Ratio Lower Upper  
 85 100  
 87 39.3 22.8 34.2#



#3  
 Chloromethane  
 Concen: 0.043 ug/L  
 RT: 1.233 min Scan# 60  
 Delta R.T. -0.003 min  
 Lab File: VV028263.D  
 Acq: 01 Oct 2022 06:48

Tgt Ion: 50 Resp: 789  
 Ion Ratio Lower Upper  
 50 100  
 52 0.0 24.4 45.2#

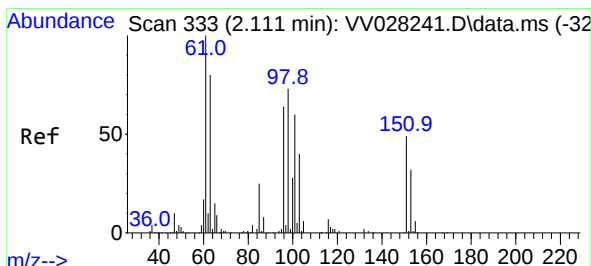
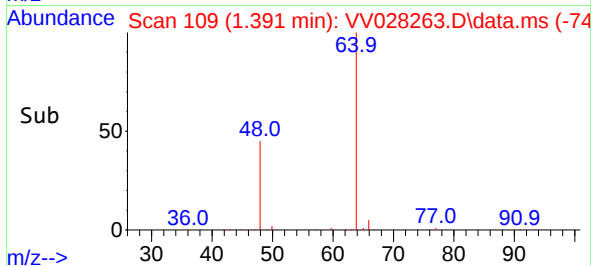
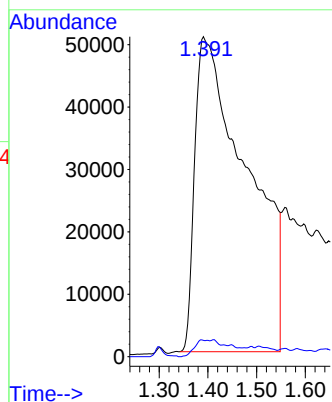
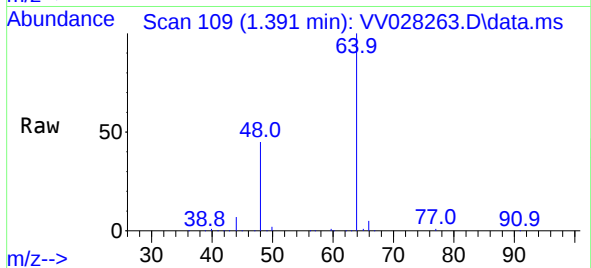




#8  
Chloroethane  
Concen: 38.894 ug/L  
RT: 1.391 min Scan# 109  
Delta R.T. -0.187 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

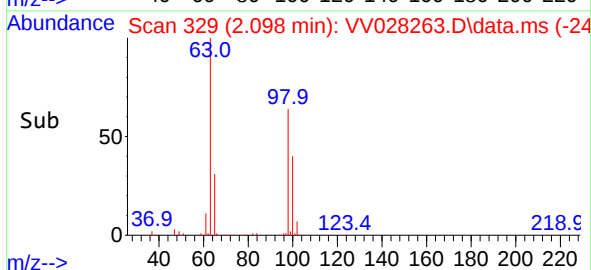
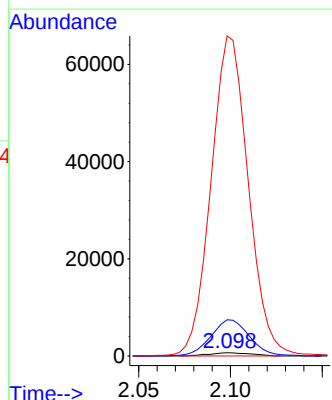
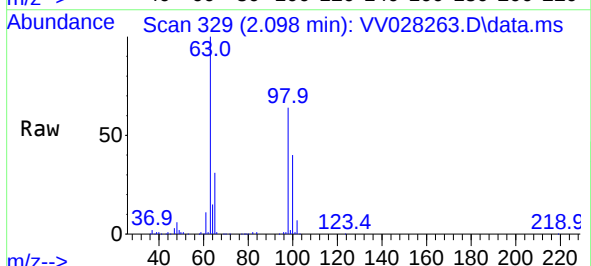
Instrument : MSVOA\_V  
ClientSampleId : F5H48

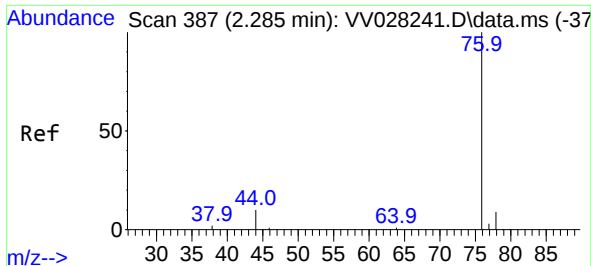
Tgt Ion: 64 Resp: 376132  
Ion Ratio Lower Upper  
64 100  
66 5.1 23.0 42.8#



#12  
1,1-Dichloroethene  
Concen: 0.081 ug/L  
RT: 2.098 min Scan# 329  
Delta R.T. -0.013 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

Tgt Ion: 96 Resp: 1046  
Ion Ratio Lower Upper  
96 100  
61 1135.2 128.3 238.3#  
63 10039.0 112.7 209.3#

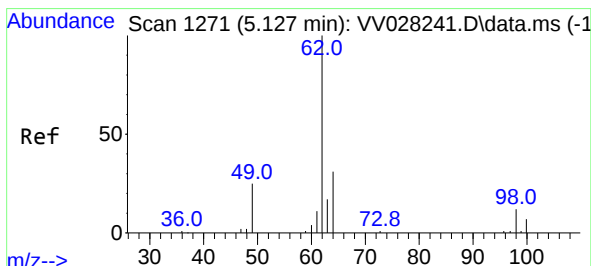
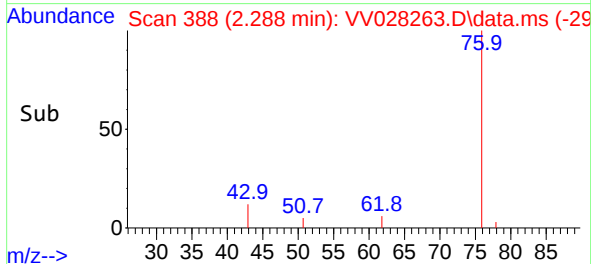
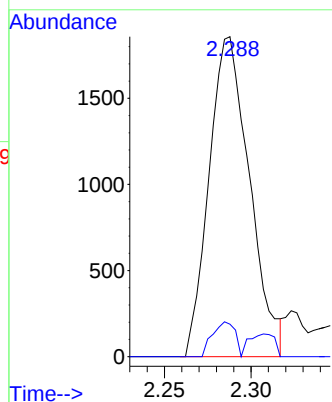
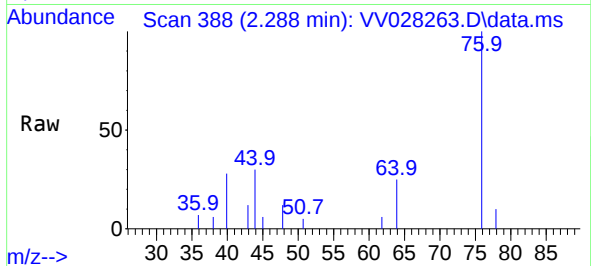




#14  
Carbon disulfide  
Concen: 0.122 ug/L  
RT: 2.288 min Scan# 30  
Delta R.T. 0.003 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

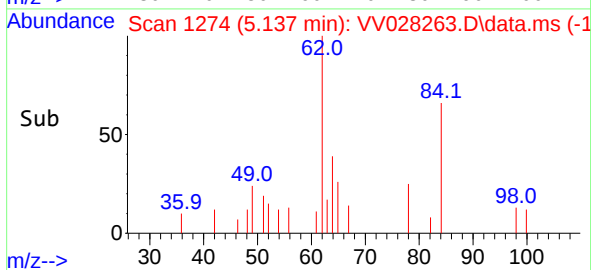
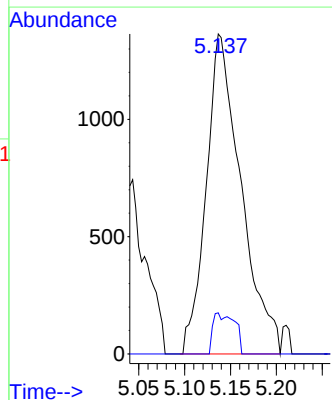
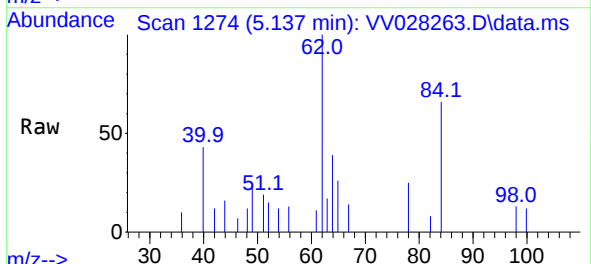
Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H48

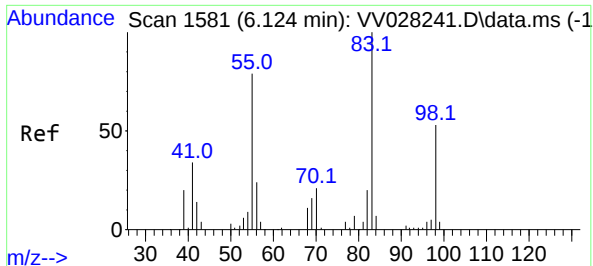
Tgt Ion: 76 Resp: 3021  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.6 11.4



#27  
1,2-Dichloroethane  
Concen: 0.256 ug/L  
RT: 5.137 min Scan# 1274  
Delta R.T. 0.013 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

Tgt Ion: 62 Resp: 3600  
Ion Ratio Lower Upper  
62 100  
98 12.8 6.7 10.1#





#35

Methylcyclohexane

Concen: 1.141 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028263.D

Acq: 01 Oct 2022 06:48

Instrument :

MSVOA\_V

ClientSampleId :

F5H48

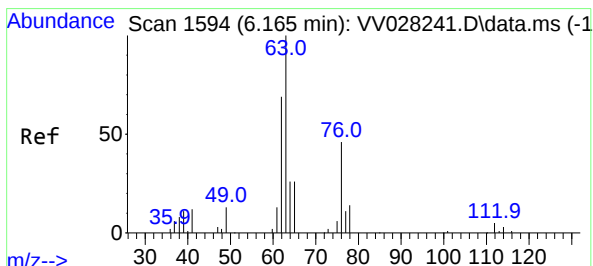
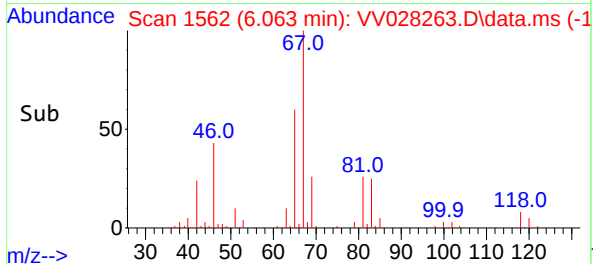
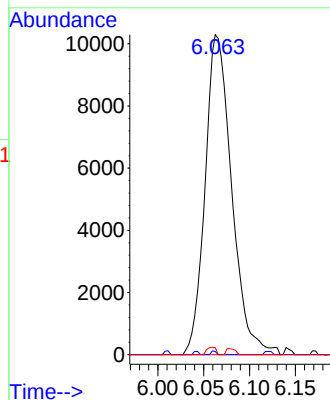
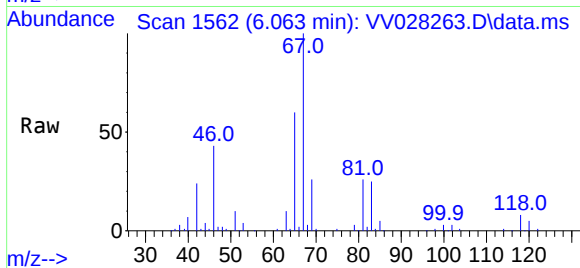
Tgt Ion: 83 Resp: 20811

Ion Ratio Lower Upper

83 100

55 0.2 64.7 97.1#

98 0.8 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028263.D

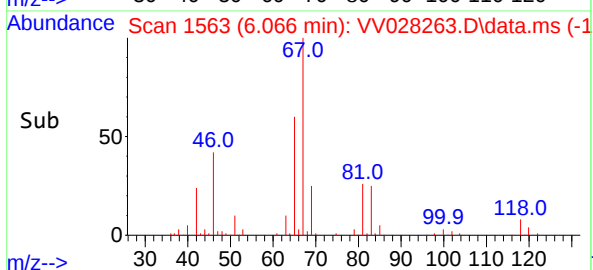
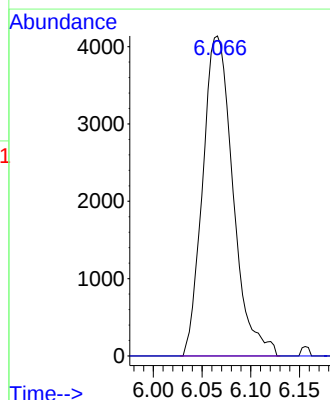
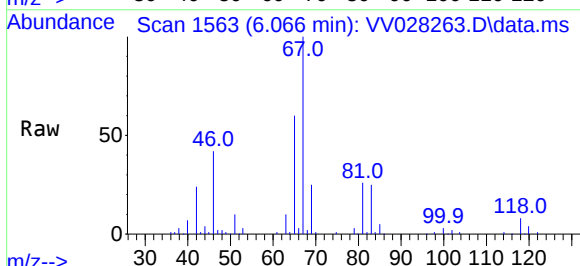
Acq: 01 Oct 2022 06:48

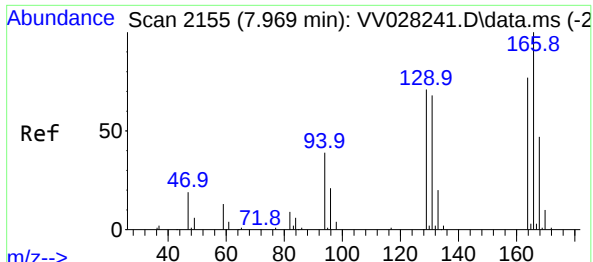
Tgt Ion: 63 Resp: 8942

Ion Ratio Lower Upper

63 100

112 0.5 3.5 5.3#



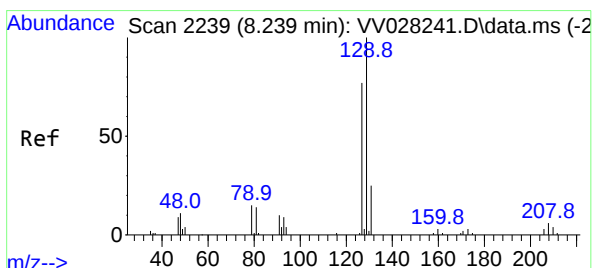
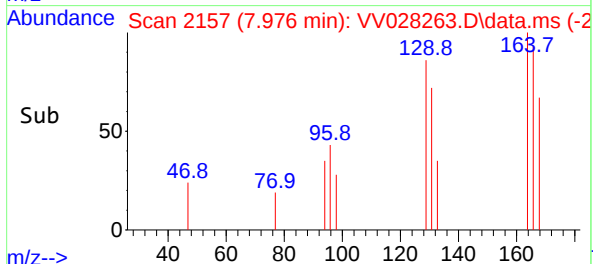
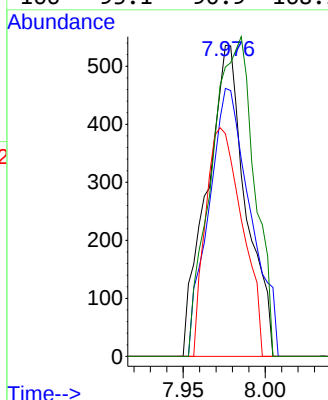
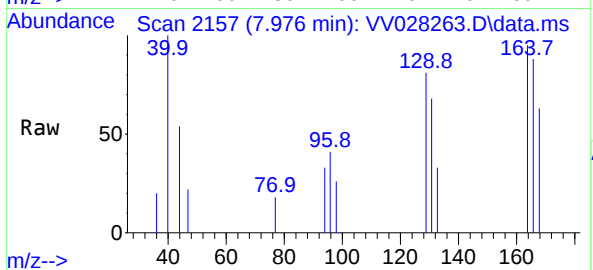


#47  
Tetrachloroethene  
Concen: 0.084 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.006 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

Instrument :  
MSVOA\_V  
ClientSampleId :  
F5H48

Tgt Ion:164 Resp: 887

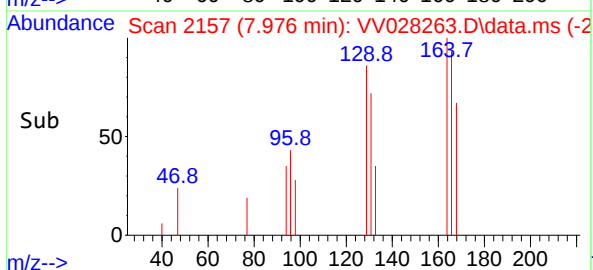
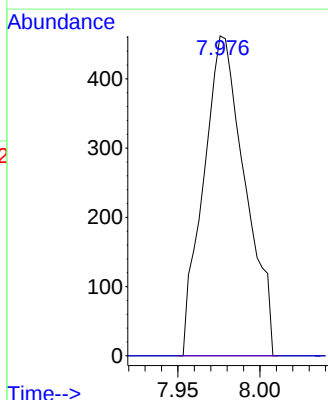
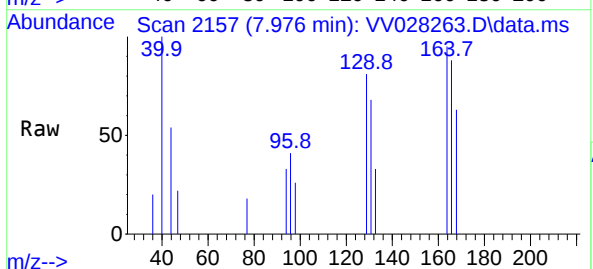
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 86.2  | 66.7  | 123.9 |
| 131 | 71.6  | 61.7  | 114.5 |
| 166 | 93.1  | 90.9  | 168.9 |

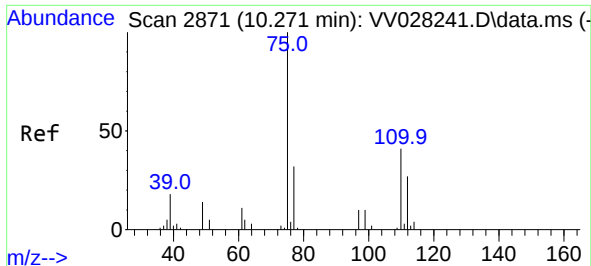


#49  
Dibromochloromethane  
Concen: 0.068 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. -0.264 min  
Lab File: VV028263.D  
Acq: 01 Oct 2022 06:48

Tgt Ion:129 Resp: 818

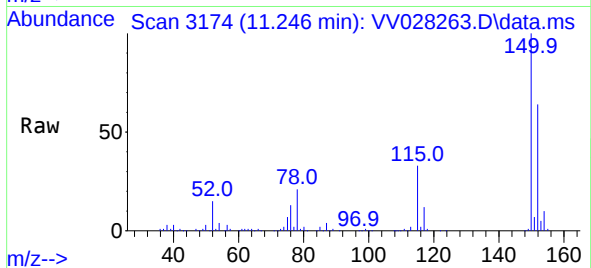
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 129 | 100   |       |        |
| 127 | 0.0   | 54.3  | 100.9# |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.210 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV028263.D  
 Acq: 01 Oct 2022 06:48

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H48



Tgt Ion: 75 Resp: 8776  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 26.7 40.1  
 110 1.9 30.1 45.1#

