

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061222\  
 Data File : VW026177.D  
 Acq On : 12 Jun 2022 21:55  
 Operator : SY/MD  
 Sample : N3278-01 200X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 13 06:37:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 13 02:52:24 2022  
 Response via : Initial Calibration

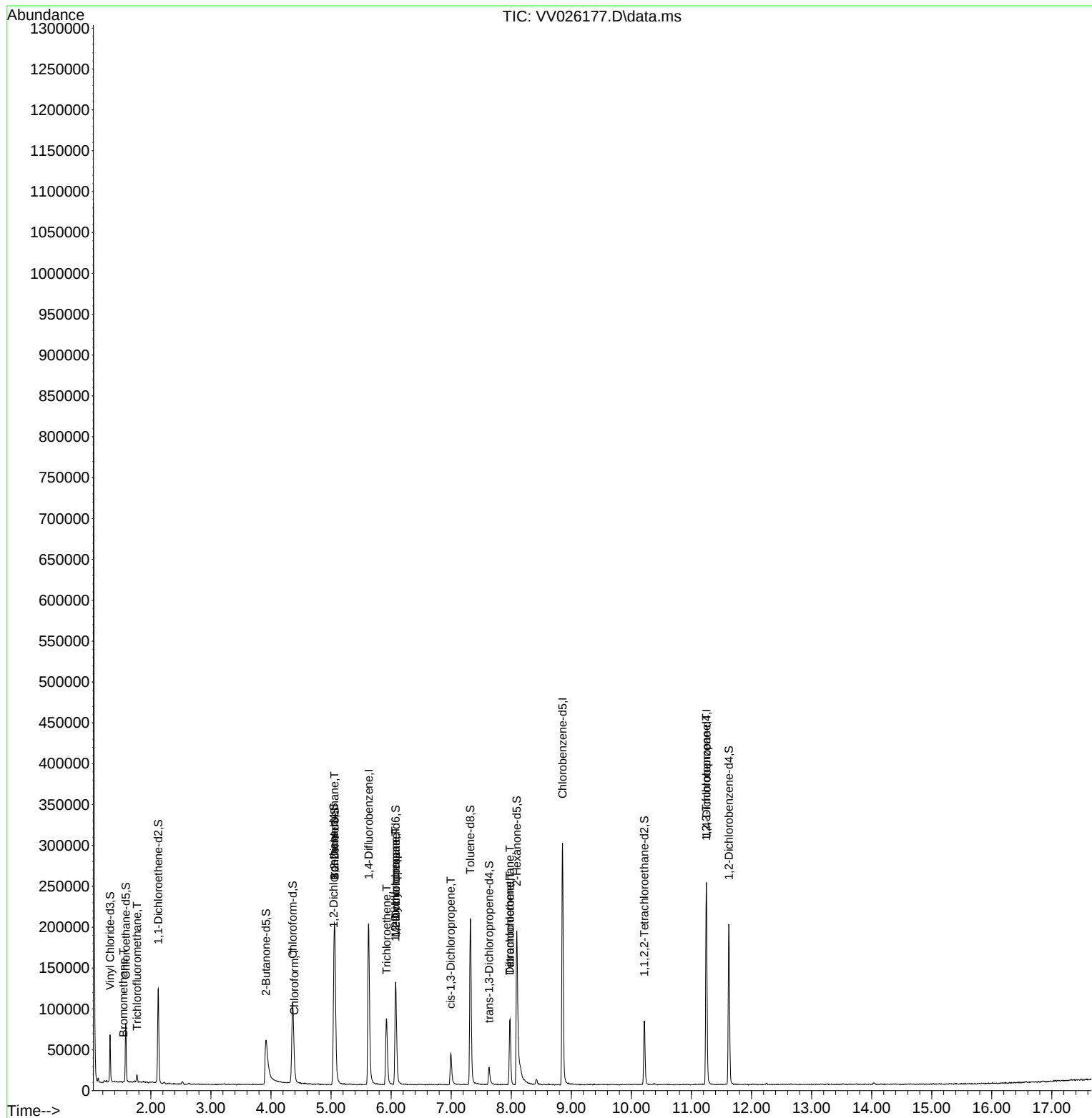
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114            | 177355   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 171513   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 66003    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.320  | 65             | 36952    | 1.593  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 31.800%# |          |
| 7) Chloroethane-d5            | 1.584  | 69             | 47359    | 2.592  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 51.800%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.124  | 63             | 61951    | 1.661  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 33.200%# |          |
| 20) 2-Butanone-d5             | 3.915  | 46             | 77376    | 44.718 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.440%  |          |
| 24) Chloroform-d              | 4.362  | 84             | 103345   | 3.142  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 62.800%# |          |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65             | 45915    | 3.462  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 69.200%# |          |
| 32) Benzene-d6                | 5.060  | 84             | 187606   | 2.806  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 56.200%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67             | 62893    | 3.262  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 65.200%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 141201   | 2.372  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 47.400%# |          |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79             | 14325    | 2.461  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 49.200%# |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 70753    | 39.045 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.100%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 39868    | 3.470  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 69.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 51729    | 3.496  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 70.000%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 6) Bromomethane               | 1.545  | 94             | 542      | 0.050  | ug/L     | 92       |
| 9) Trichlorofluoromethane     | 1.770  | 101            | 4940     | 0.198  | ug/L     | 97       |
| 25) Chloroform                | 4.391  | 83             | 3432     | 0.132  | ug/L     | 97       |
| 27) 1,2-Dichloroethane        | 5.056  | 62             | 980      | 0.081  | ug/L #   | 73       |
| 34) Trichloroethene           | 5.924  | 95             | 28490    | 2.034  | ug/L     | 96       |
| 35) Methylcyclohexane         | 6.076  | 83             | 15675    | 0.828  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.072  | 63             | 6862     | 0.511  | ug/L #   | 85       |
| 39) cis-1,3-Dichloropropene   | 6.992  | 75             | 1108     | 0.074  | ug/L #   | 65       |
| 47) Tetrachloroethene         | 7.979  | 164            | 17846    | 1.774  | ug/L     | 96       |
| 49) Dibromochloromethane      | 7.979  | 129            | 17142    | 1.857  | ug/L #   | 13       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75             | 8604     | 1.699  | ug/L #   | 59       |

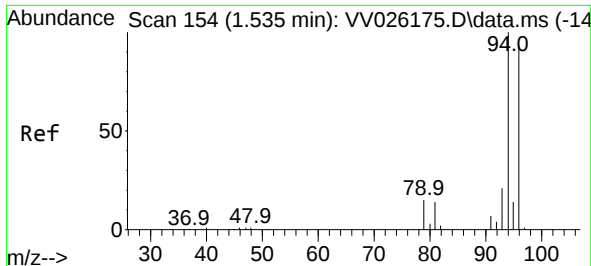
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV061222\  
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Sample : N3278-01 200X  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 16 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

Quant Time: Jun 13 06:37:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061222WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Jun 13 02:52:24 2022  
Response via : Initial Calibration

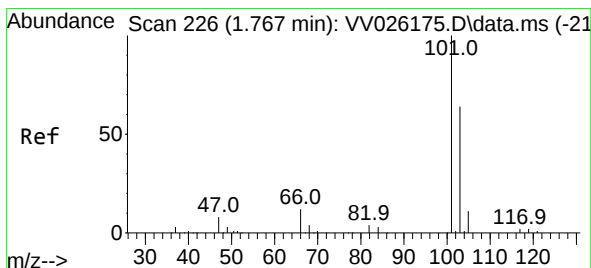
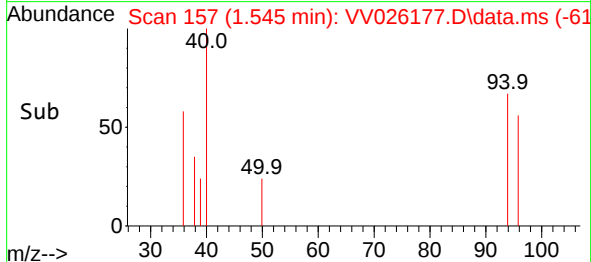
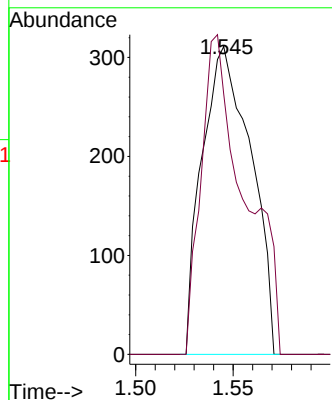
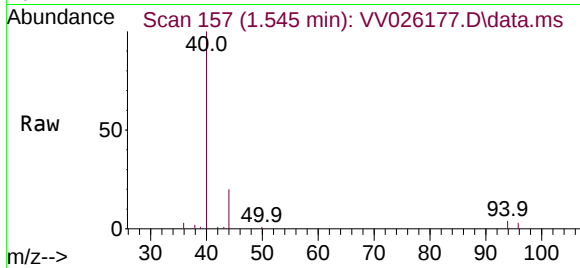




#6  
Bromomethane  
Concen: 0.050 ug/L  
RT: 1.545 min Scan# 11  
Delta R.T. 0.010 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

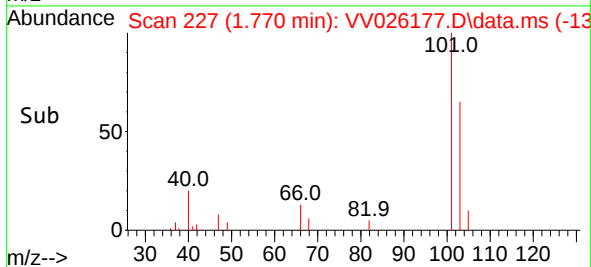
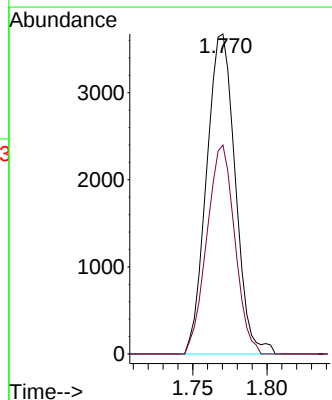
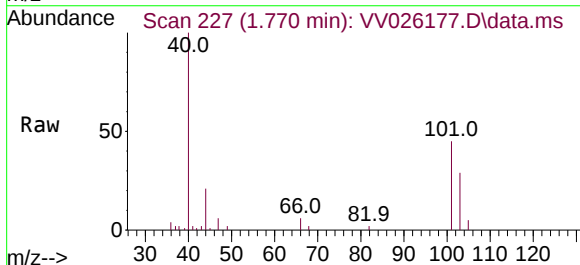
Instrument :  
MSVOA\_V  
ClientSampleId :

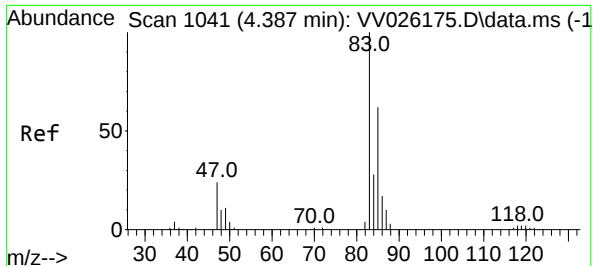
Tgt Ion: 94 Resp: 542  
Ion Ratio Lower Upper  
94 100  
96 84.6 64.5 119.7



#9  
Trichlorofluoromethane  
Concen: 0.198 ug/L  
RT: 1.770 min Scan# 227  
Delta R.T. 0.003 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

Tgt Ion:101 Resp: 4940  
Ion Ratio Lower Upper  
101 100  
103 63.6 52.9 79.3

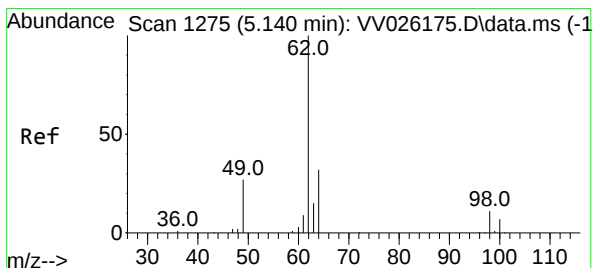
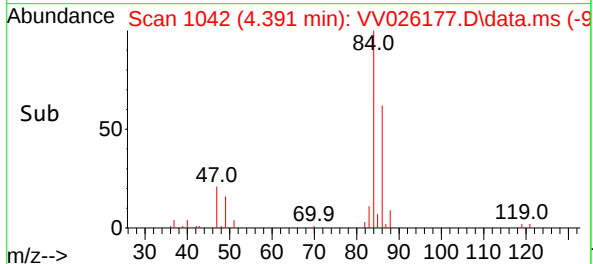
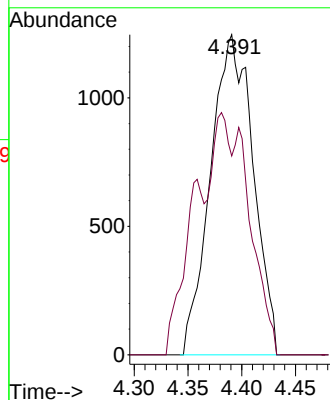
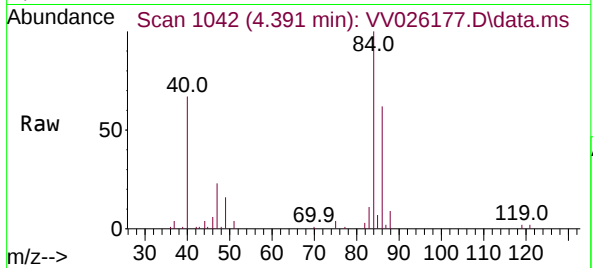




#25  
Chloroform  
Concen: 0.132 ug/L  
RT: 4.391 min Scan# 1042  
Delta R.T. 0.003 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

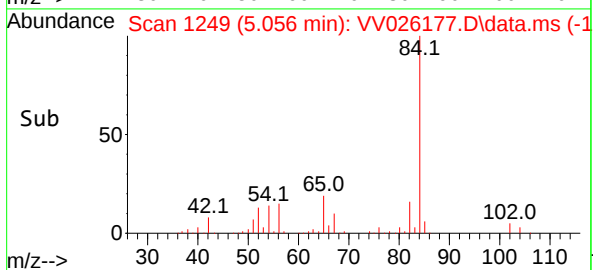
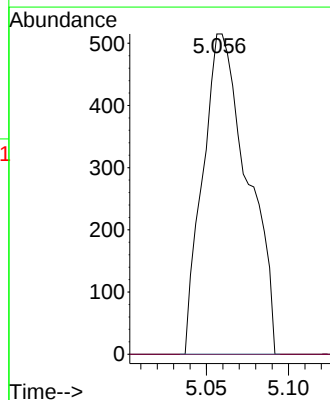
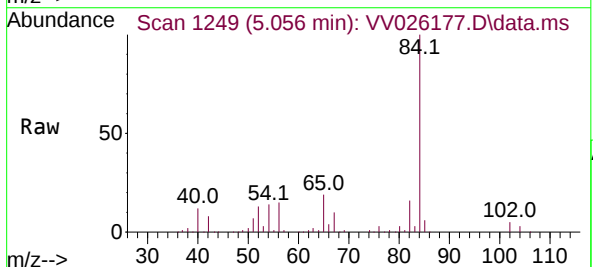
Instrument :  
MSVOA\_V  
ClientSampleId :

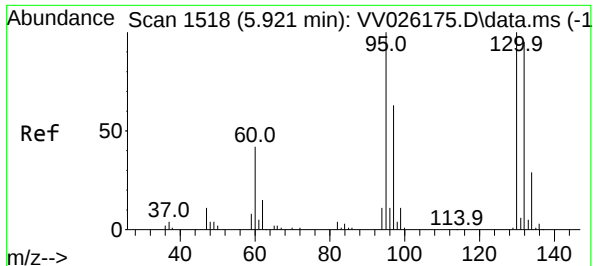
Tgt Ion: 83 Resp: 3432  
Ion Ratio Lower Upper  
83 100  
85 62.1 45.3 84.1



#27  
1,2-Dichloroethane  
Concen: 0.081 ug/L  
RT: 5.056 min Scan# 1249  
Delta R.T. -0.083 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

Tgt Ion: 62 Resp: 980  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.9 11.9#



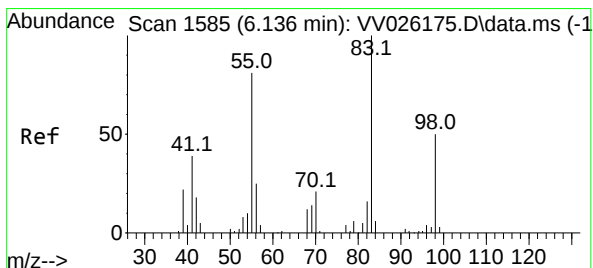
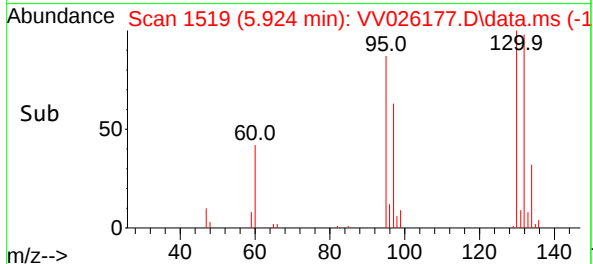
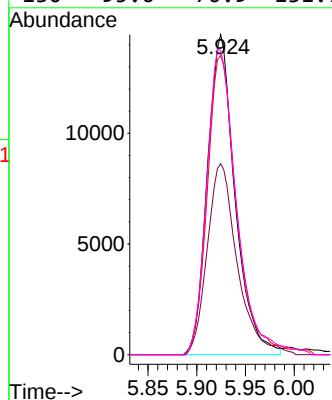
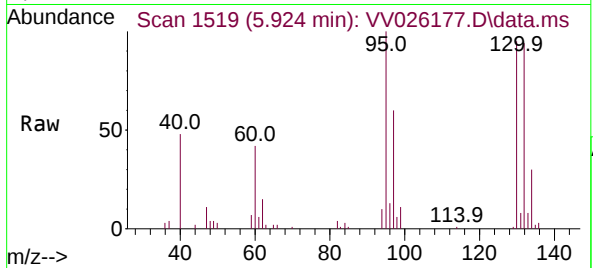


#34  
Trichloroethene  
Concen: 2.034 ug/L  
RT: 5.924 min Scan# 1518  
Delta R.T. 0.003 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 95 Resp: 28490

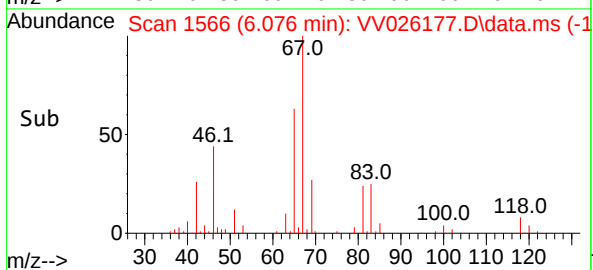
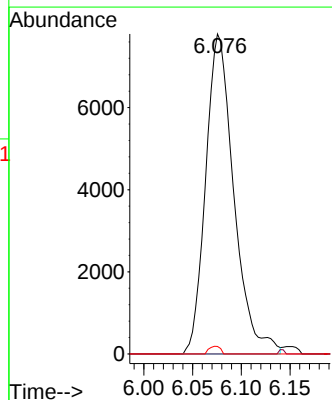
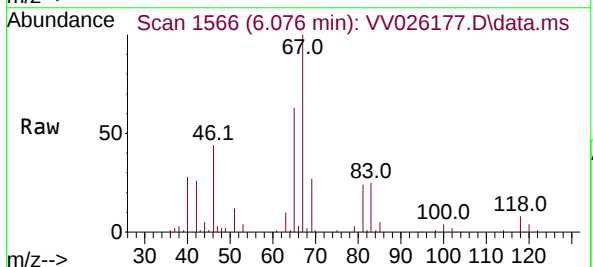
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 59.7  | 43.3  | 80.3  |
| 132 | 93.5  | 67.5  | 125.4 |
| 130 | 95.0  | 70.9  | 131.7 |

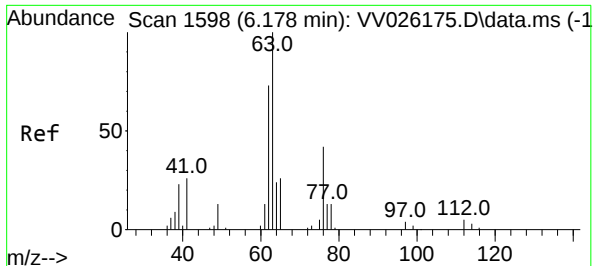


#35  
Methylcyclohexane  
Concen: 0.828 ug/L  
RT: 6.076 min Scan# 1566  
Delta R.T. -0.061 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

Tgt Ion: 83 Resp: 15675

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 0.3   | 59.5  | 89.3# |
| 98  | 1.0   | 38.4  | 57.6# |





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026177.D

Acq: 12 Jun 2022 21:55

Instrument :

MSVOA\_V

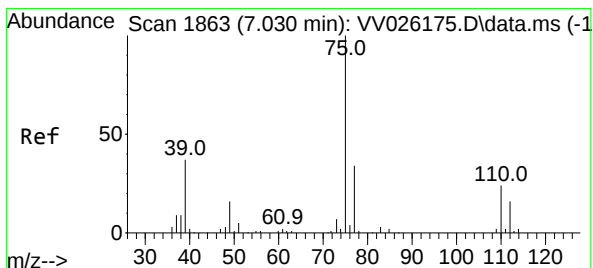
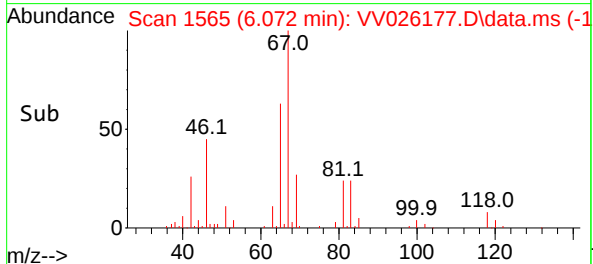
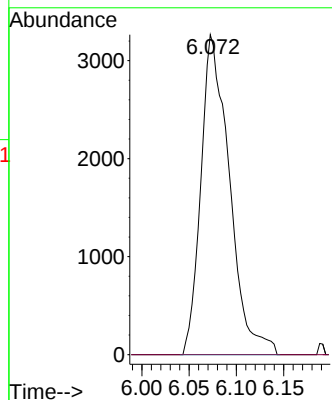
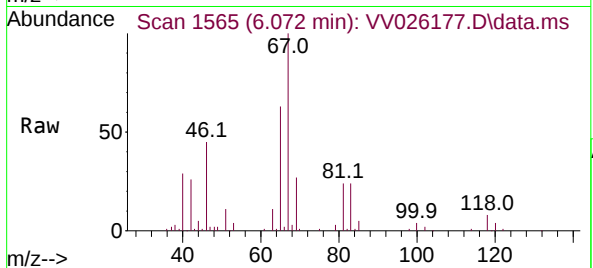
ClientSampleId :

Tgt Ion: 63 Resp: 6862

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026177.D

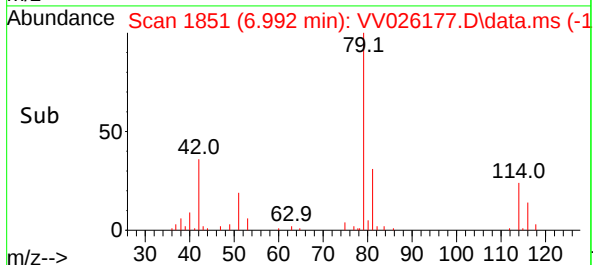
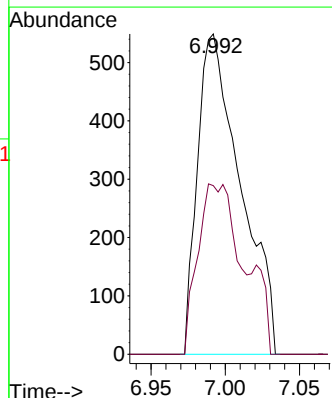
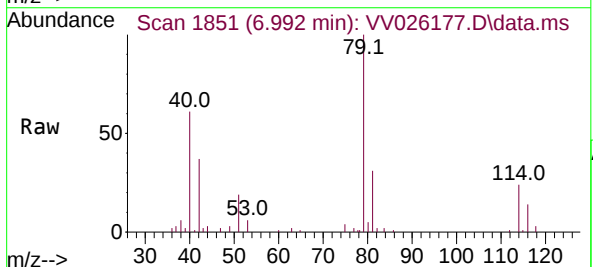
Acq: 12 Jun 2022 21:55

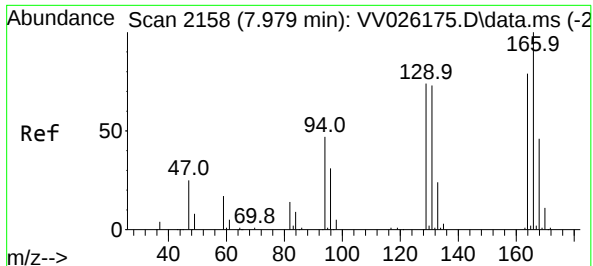
Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

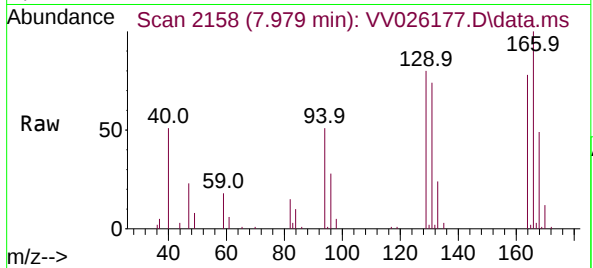
77 52.6 22.9 42.5#



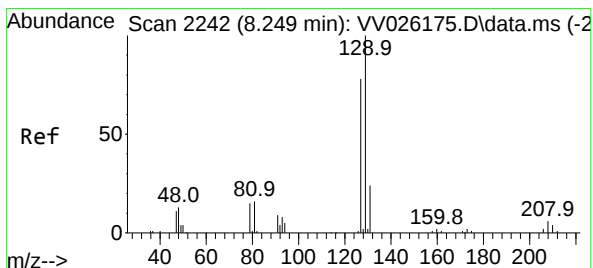
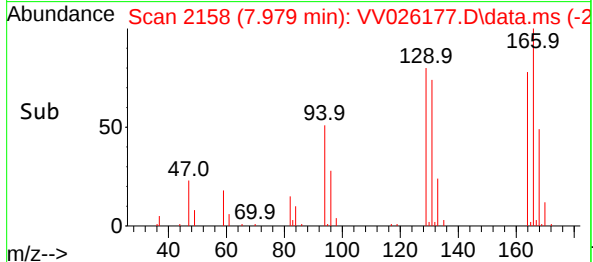
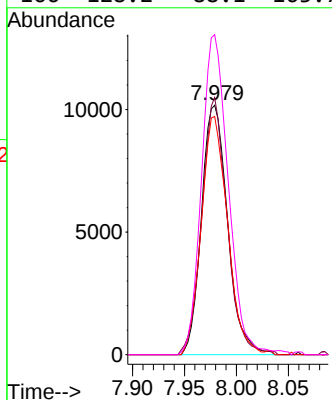


#47  
Tetrachloroethene  
Concen: 1.774 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

Instrument :  
MSVOA\_V  
ClientSampleId :

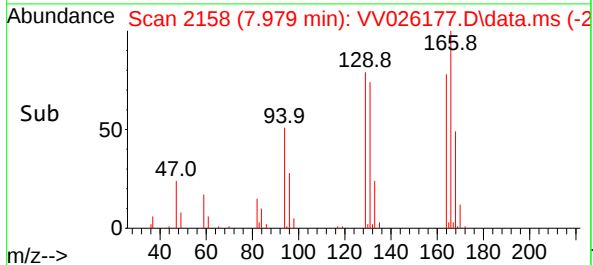
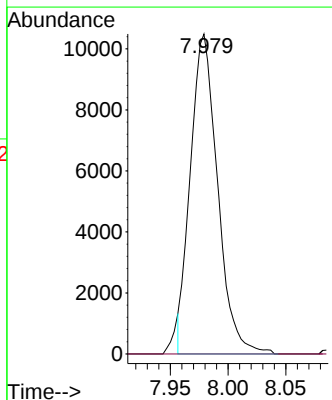
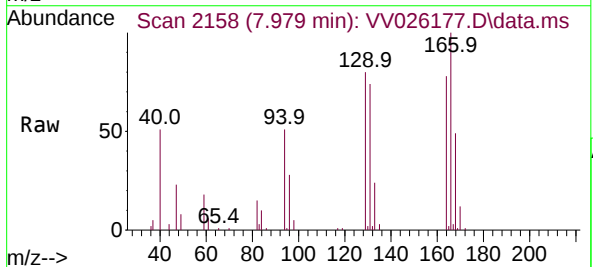


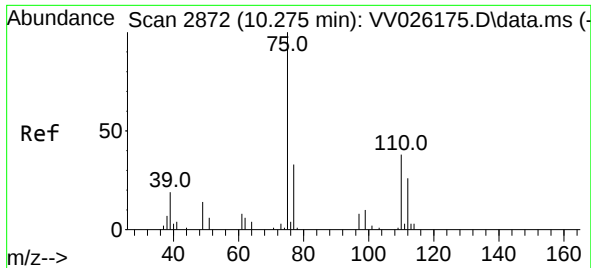
Tgt Ion:164 Resp: 17846  
Ion Ratio Lower Upper  
164 100  
129 103.1 66.1 122.7  
131 95.5 65.0 120.6  
166 128.2 88.1 163.7



#49  
Dibromochloromethane  
Concen: 1.857 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. -0.270 min  
Lab File: VV026177.D  
Acq: 12 Jun 2022 21:55

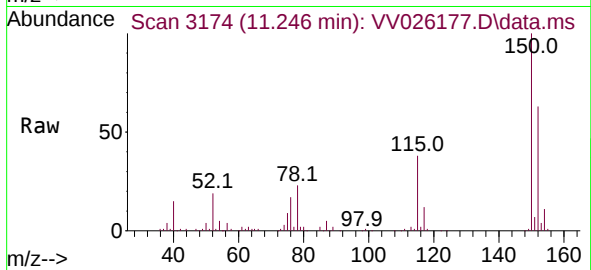
Tgt Ion:129 Resp: 17142  
Ion Ratio Lower Upper  
129 100  
127 0.0 50.9 94.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.699 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.971 min  
 Lab File: VV026177.D  
 Acq: 12 Jun 2022 21:55

Instrument :  
 MSVOA\_V  
 ClientSampleId :



Tgt Ion: 75 Resp: 8604  
 Ion Ratio Lower Upper  
 75 100  
 77 26.8 27.8 41.8#  
 110 1.2 33.0 49.4#

