

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051823\  
 Data File : VV031087.D  
 Acq On : 18 May 2023 11:11  
 Operator : SY/MD  
 Sample : 02822-04  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 CONM2

Quant Time: May 19 05:35:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri May 19 05:32:32 2023  
 Response via : Initial Calibration

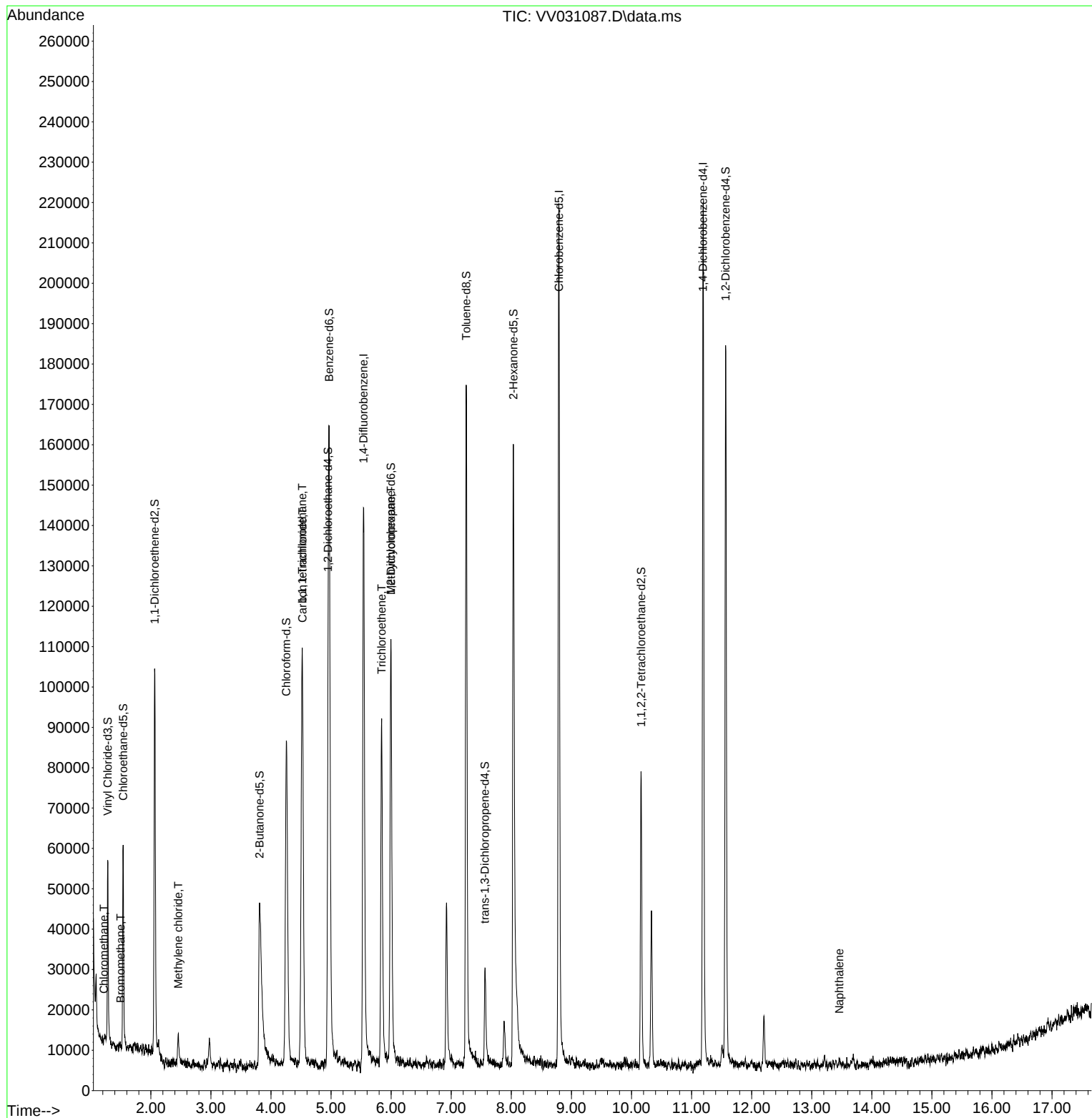
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 123049   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 120489   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 60341    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 29816    | 2.941  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 58.800%  |          |
| 7) Chloroethane-d5            | 1.539  | 69             | 32821    | 3.969  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 79.400%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65             | 15727    | 2.931  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 58.600%# |          |
| 20) 2-Butanone-d5             | 3.809  | 46             | 80166    | 44.592 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 89.180%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 85273    | 4.232  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 45237    | 4.416  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.400%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 137686   | 3.898  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 78.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 45386    | 4.419  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 88.400%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 112467   | 3.344  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 66.800%# |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 15233    | 3.957  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 79.200%  |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 55630    | 41.245 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 82.500%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 32426    | 4.356  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 87.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 46642    | 4.147  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 83.000%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.217  | 50             | 1244     | 0.109  | ug/L     | 98       |
| 6) Bromomethane               | 1.494  | 94             | 513      | 0.113  | ug/L     | 87       |
| 16) Methylene chloride        | 2.458  | 84             | 3125     | 0.334  | ug/L     | 92       |
| 29) 1,1,1-Trichloroethane     | 4.519  | 97             | 83606    | 5.522  | ug/L     | 100      |
| 31) Carbon tetrachloride      | 4.522  | 117            | 10473    | 0.770  | ug/L     | 100      |
| 34) Trichloroethene           | 5.841  | 95             | 28490    | 3.526  | ug/L     | 95       |
| 35) Methylcyclohexane         | 5.995  | 83             | 11420    | 0.912  | ug/L #   | 21       |
| 71) Naphthalene               | 13.461 | 128            | 973      | 0.067  | ug/L #   | 84       |
| -----                         |        |                |          |        |          |          |

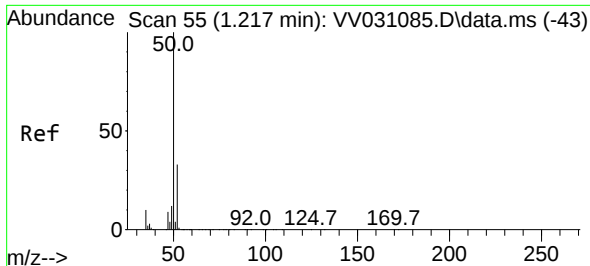
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051823\  
Data File : VV031087.D  
Acq On : 18 May 2023 11:11  
Operator : SY/MD  
Sample : 02822-04  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
CONM2

Quant Time: May 19 05:35:32 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR042823WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri May 19 05:32:32 2023  
Response via : Initial Calibration

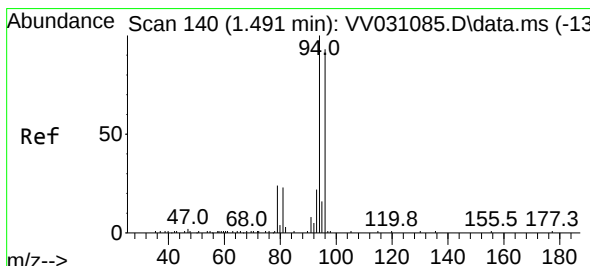
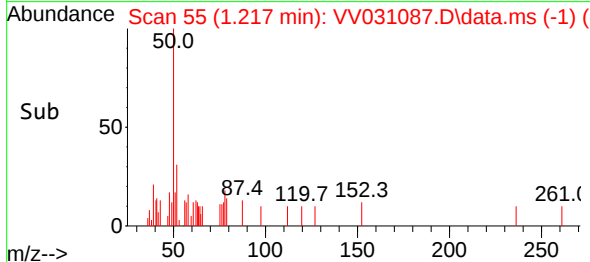
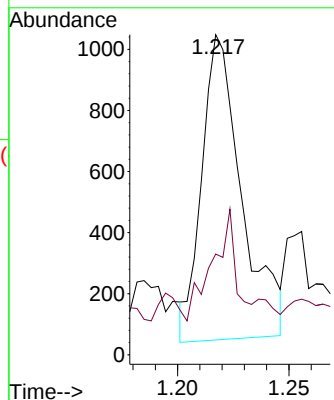
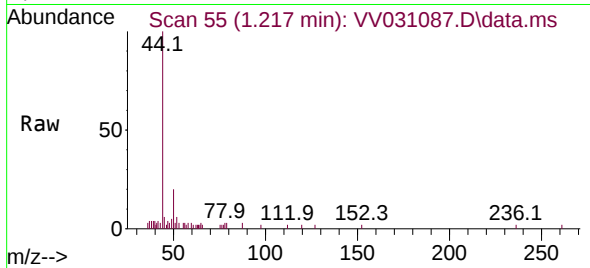




#3  
Chloromethane  
Concen: 0.109 ug/L  
RT: 1.217 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

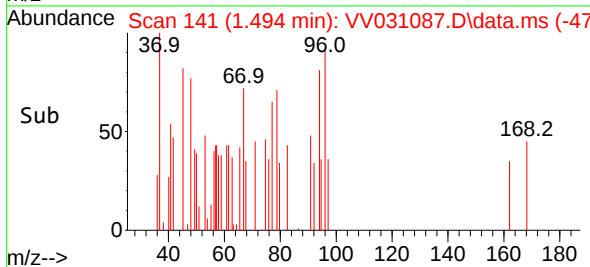
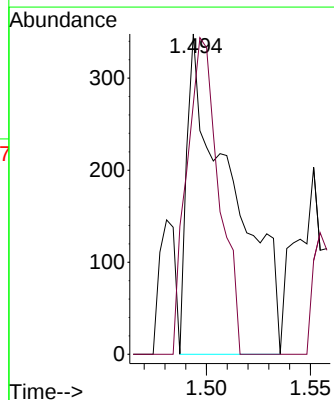
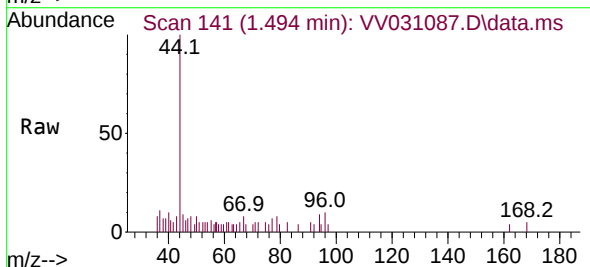
Instrument :  
MSVOA\_V  
ClientSampleId :  
CONM2

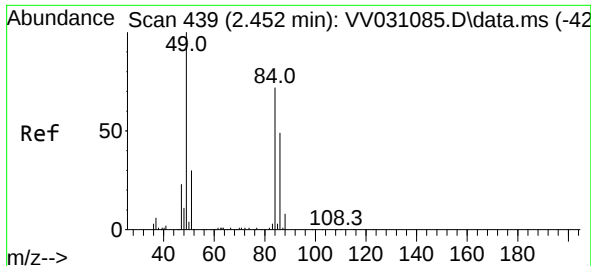
Tgt Ion: 50 Resp: 1244  
Ion Ratio Lower Upper  
50 100  
52 31.5 22.8 42.4



#6  
Bromomethane  
Concen: 0.113 ug/L  
RT: 1.494 min Scan# 141  
Delta R.T. 0.003 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

Tgt Ion: 94 Resp: 513  
Ion Ratio Lower Upper  
94 100  
96 78.2 63.4 117.8

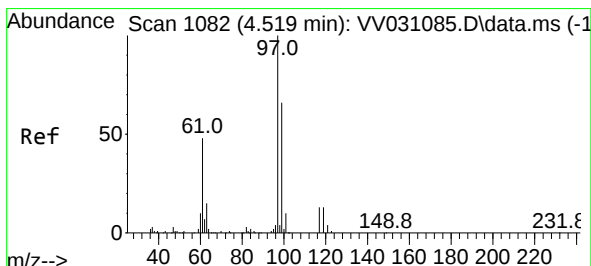
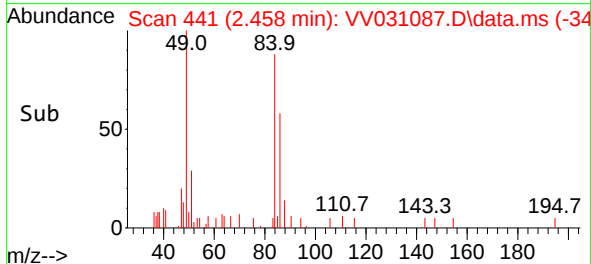
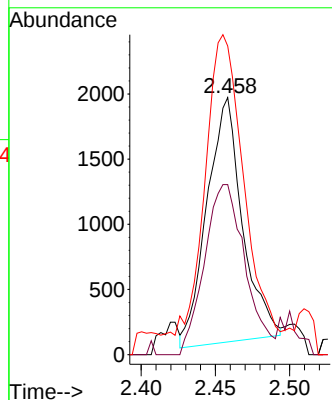
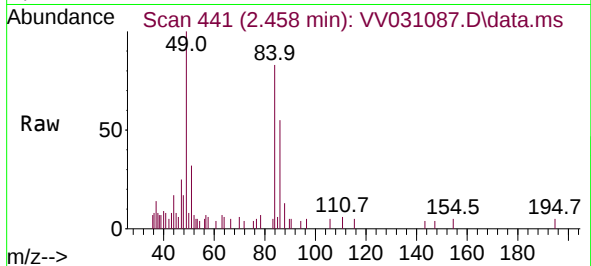




#16  
Methylene chloride  
Concen: 0.334 ug/L  
RT: 2.458 min Scan# 441  
Delta R.T. 0.006 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

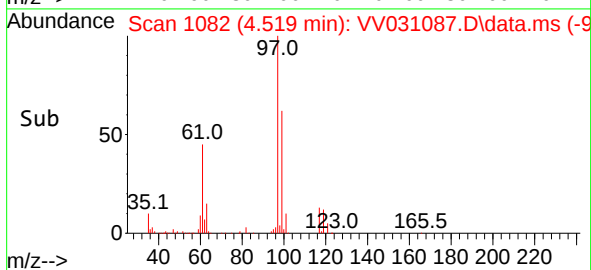
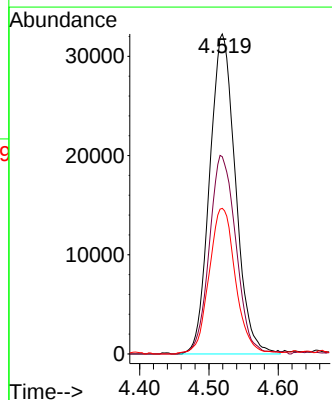
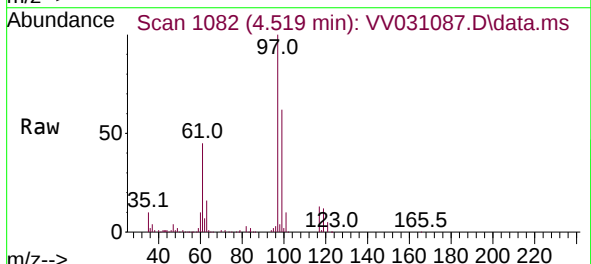
Instrument :  
MSVOA\_V  
ClientSampleId :  
CONM2

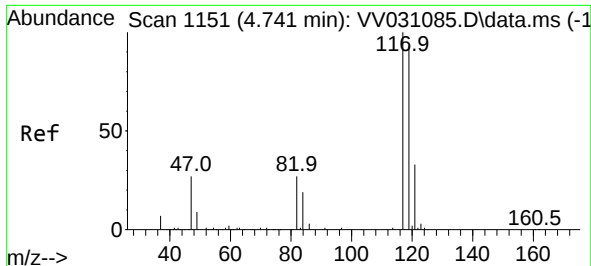
Tgt Ion: 84 Resp: 3125  
Ion Ratio Lower Upper  
84 100  
86 66.1 46.1 85.5  
49 120.0 94.3 175.1



#29  
1,1,1-Trichloroethane  
Concen: 5.522 ug/L  
RT: 4.519 min Scan# 1082  
Delta R.T. -0.000 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

Tgt Ion: 97 Resp: 83606  
Ion Ratio Lower Upper  
97 100  
99 64.0 51.4 77.2  
61 46.6 37.4 56.0

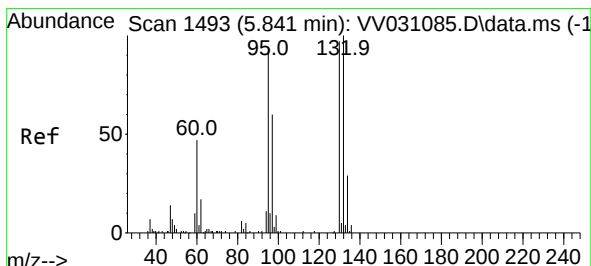
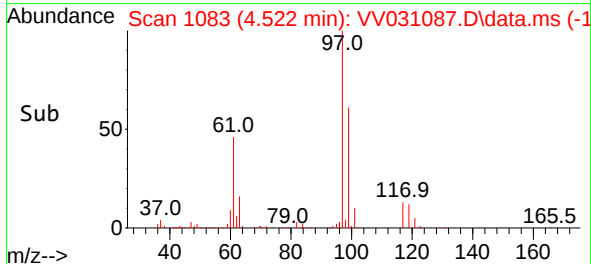
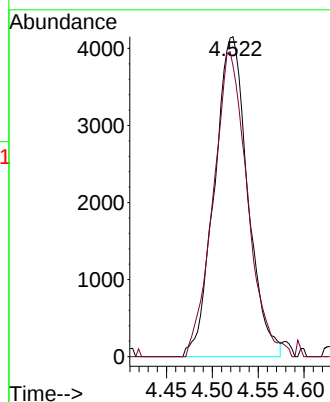
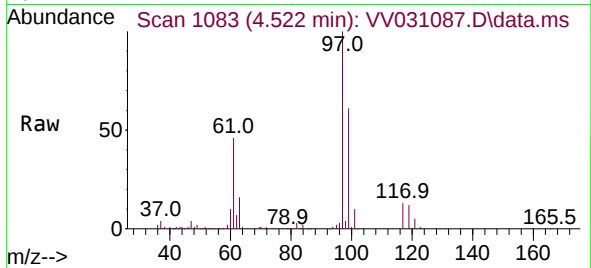




#31  
Carbon tetrachloride  
Concen: 0.770 ug/L  
RT: 4.522 min Scan# 1083  
Delta R.T. -0.219 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

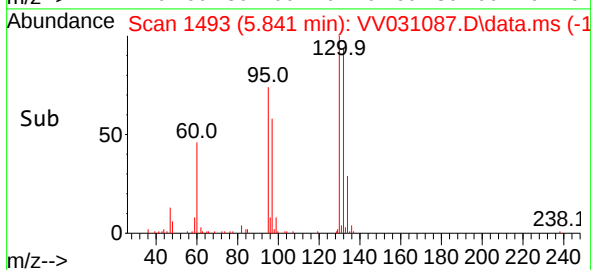
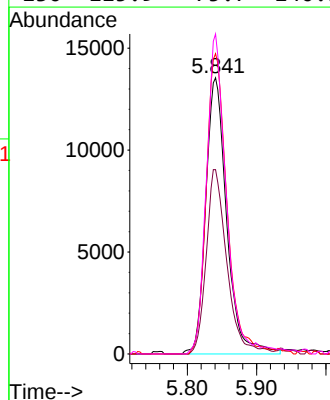
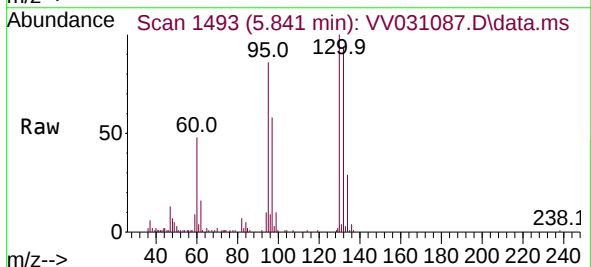
Instrument :  
MSVOA\_V  
ClientSampleId :  
CONM2

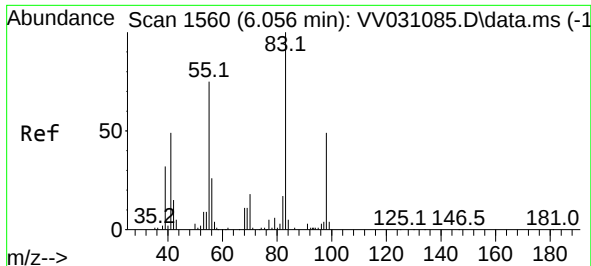
Tgt Ion:117 Resp: 10473  
Ion Ratio Lower Upper  
117 100  
119 97.9 78.4 117.6



#34  
Trichloroethene  
Concen: 3.526 ug/L  
RT: 5.841 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

Tgt Ion: 95 Resp: 28490  
Ion Ratio Lower Upper  
95 100  
97 66.8 46.2 85.8  
132 108.7 72.7 135.1  
130 115.9 75.7 140.5

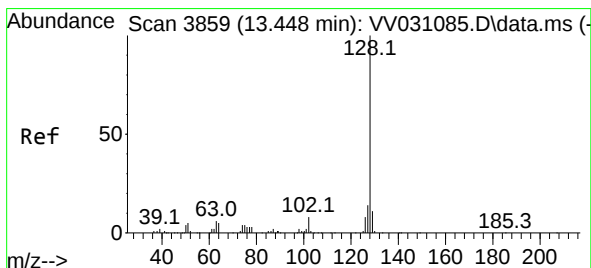
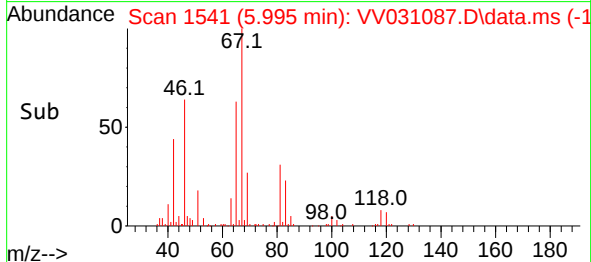
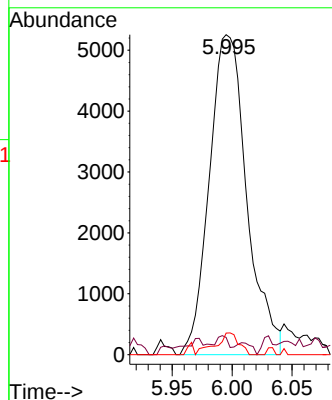
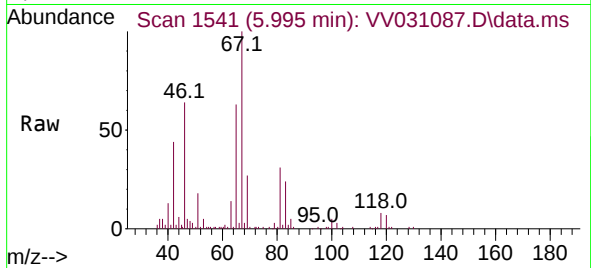




#35  
Methylcyclohexane  
Concen: 0.912 ug/L  
RT: 5.995 min Scan# 11  
Delta R.T. -0.061 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

Instrument :  
MSVOA\_V  
ClientSampleId :  
CONM2

Tgt Ion: 83 Resp: 11420  
Ion Ratio Lower Upper  
83 100  
55 2.2 62.9 94.3#  
98 4.2 40.5 60.7#



#71  
Naphthalene  
Concen: 0.067 ug/L  
RT: 13.461 min Scan# 3863  
Delta R.T. 0.013 min  
Lab File: VV031087.D  
Acq: 18 May 2023 11:11

Tgt Ion: 128 Resp: 973  
Ion Ratio Lower Upper  
128 100  
129 20.8 8.6 13.0#  
127 16.3 10.6 16.0#

