

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092822\  
 Data File : VV028163.D  
 Acq On : 28 Sep 2022 16:51  
 Operator : SY/MD  
 Sample : N4871-06  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5H26

Quant Time: Sep 29 01:29:38 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

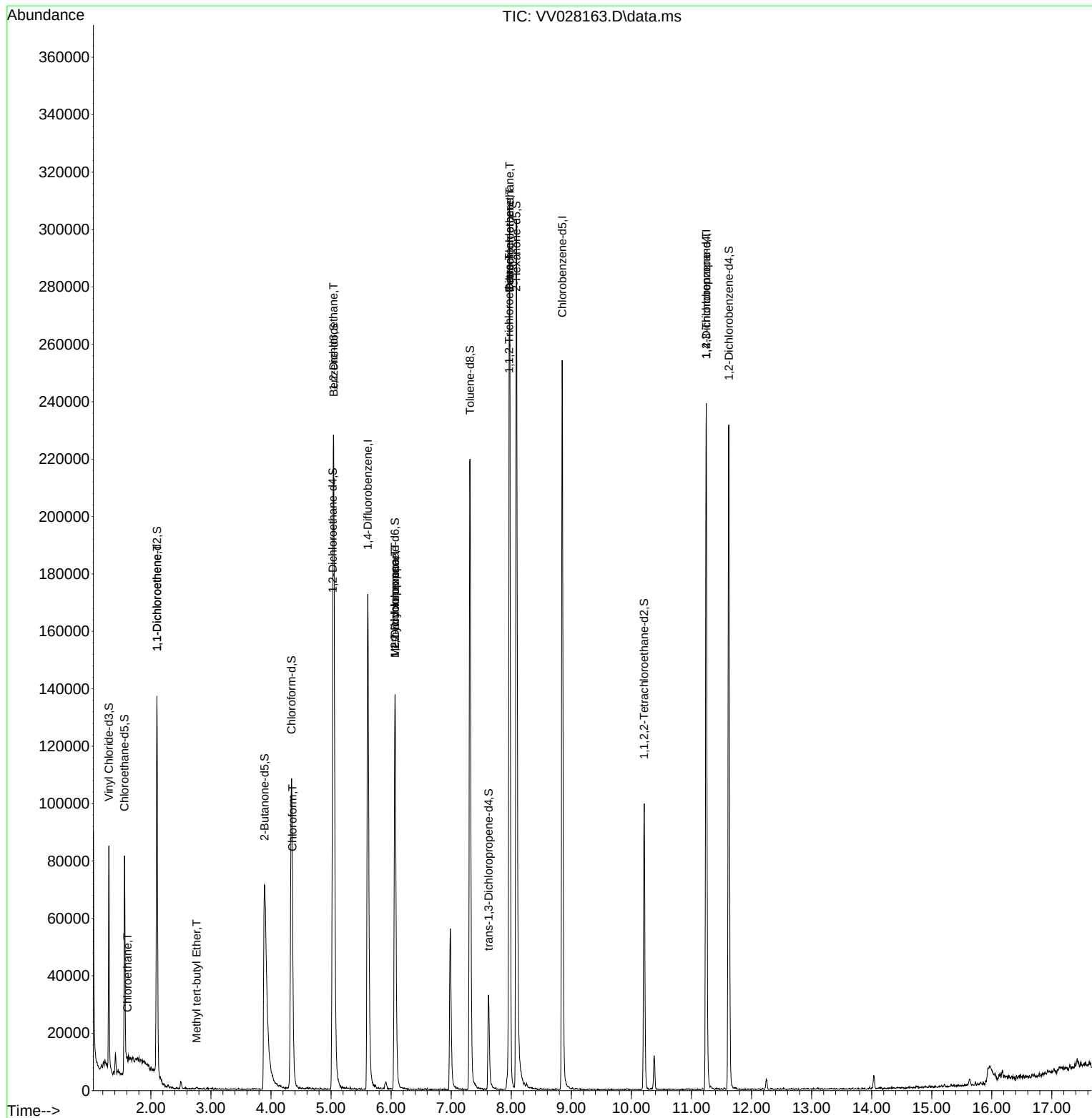
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 158795   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 152233   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 69945    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 48326    | 2.935    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 58.800%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 48411    | 3.699    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 74.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 66708    | 2.336    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 46.800%# |
| 20) 2-Butanone-d5             | 3.892  | 46    | 159011   | 57.212   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.420% |
| 24) Chloroform-d              | 4.342  | 84    | 118814   | 4.523    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65    | 58296    | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.043  | 84    | 210532   | 4.218    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 68648    | 4.411    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 154675   | 3.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.400%# |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 21549    | 3.834    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 76.600%  |
| 46) 2-Hexanone-d5             | 8.085  | 63    | 114175   | 48.667   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 97.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 49267    | 4.632    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 66167    | 4.823    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 96.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 8) Chloroethane               | 1.609  | 64    | 11704    | 1.417    | ug/L # | 51       |
| 12) 1,1-Dichloroethene        | 2.101  | 96    | 957      | 0.087    | ug/L # | 1        |
| 17) Methyl tert-butyl Ether   | 2.764  | 73    | 772      | 0.033    | ug/L # | 82       |
| 25) Chloroform                | 4.359  | 83    | 1591     | 0.071    | ug/L # | 59       |
| 27) 1,2-Dichloroethane        | 5.040  | 62    | 1152     | 0.096    | ug/L # | 76       |
| 35) Methylcyclohexane         | 6.063  | 83    | 16813    | 1.165    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.063  | 63    | 7308     | 0.617    | ug/L # | 87       |
| 45) 1,1,2-Trichloroethane     | 7.963  | 97    | 571      | 0.072    | ug/L # | 57       |
| 47) Tetrachloroethene         | 7.973  | 164   | 73584    | 8.761    | ug/L   | 97       |
| 49) Dibromochloromethane      | 7.973  | 129   | 65306    | 6.837    | ug/L # | 11       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 6410     | 1.093    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

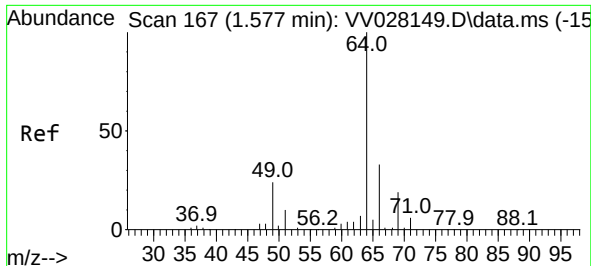
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Sep 29 01:25:35 2022  
Response via : Initial Calibration

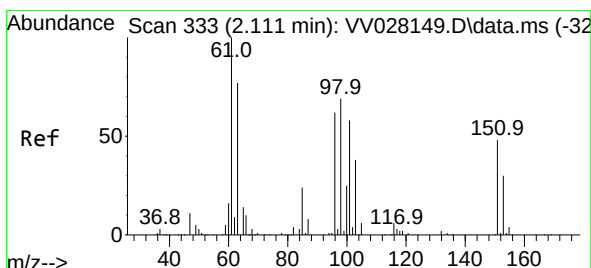
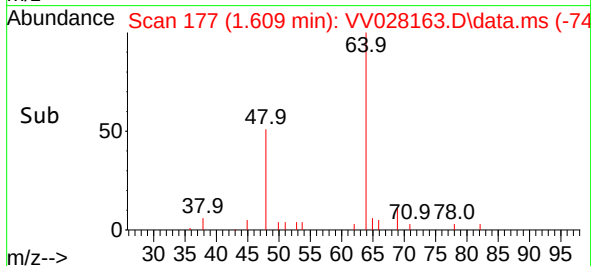
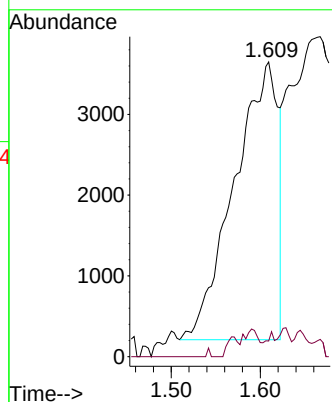
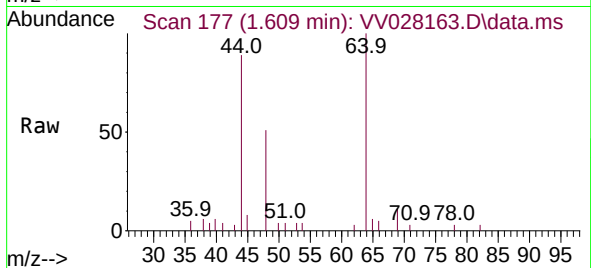




#8  
Chloroethane  
Concen: 1.417 ug/L  
RT: 1.609 min Scan# 11  
Delta R.T. 0.032 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

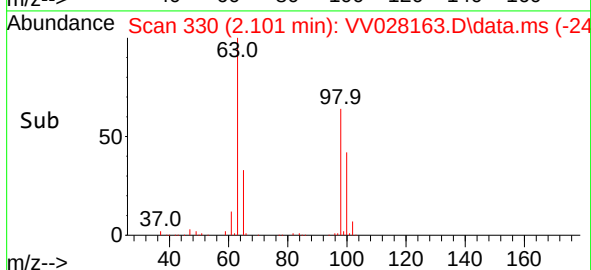
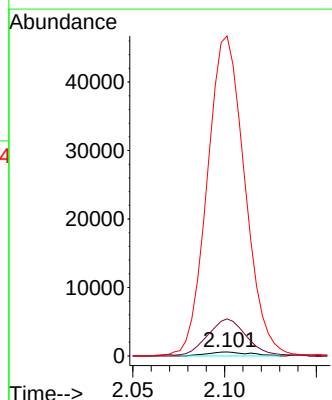
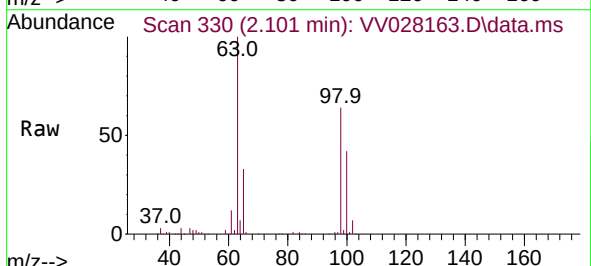
Instrument :  
MSVOA\_V  
ClientSampleId :  
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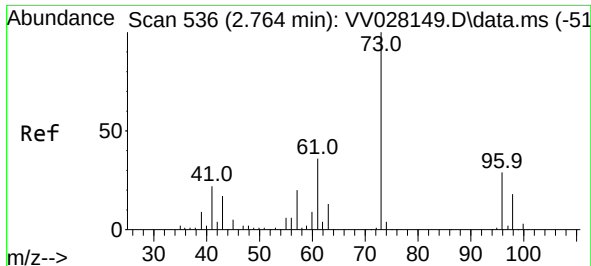
Tgt Ion: 64 Resp: 11704  
Ion Ratio Lower Upper  
64 100  
66 5.3 23.0 42.8#



#12  
1,1-Dichloroethene  
Concen: 0.087 ug/L  
RT: 2.101 min Scan# 330  
Delta R.T. -0.010 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

Tgt Ion: 96 Resp: 957  
Ion Ratio Lower Upper  
96 100  
61 931.6 128.3 238.3#  
63 8015.1 112.7 209.3#

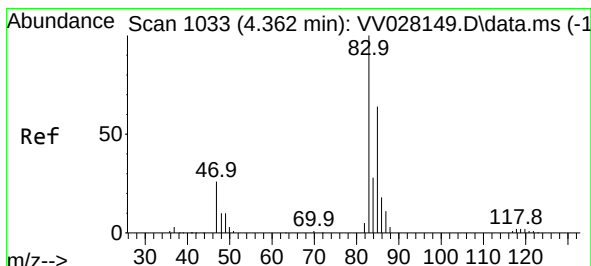
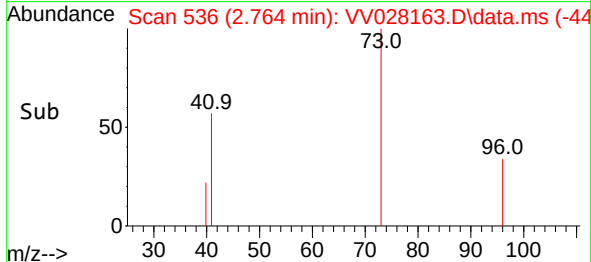
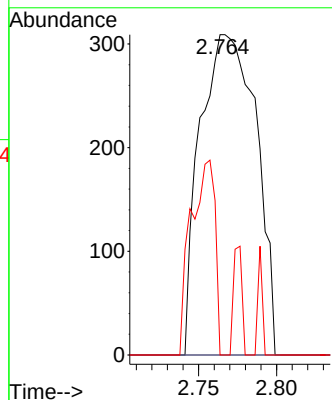
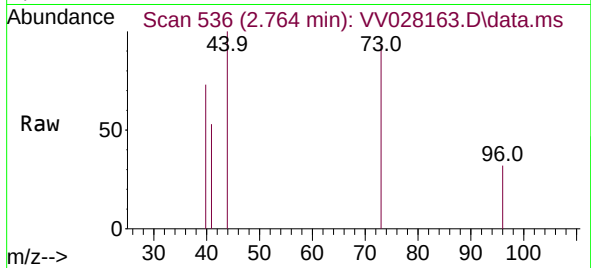




#17  
Methyl tert-butyl Ether  
Concen: 0.033 ug/L  
RT: 2.764 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

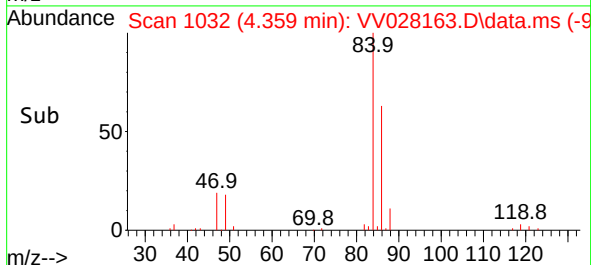
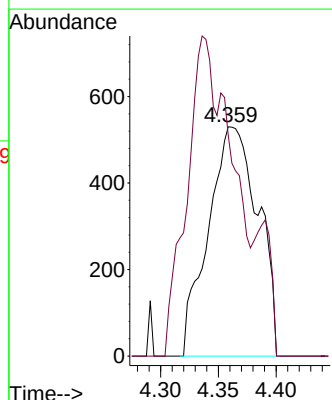
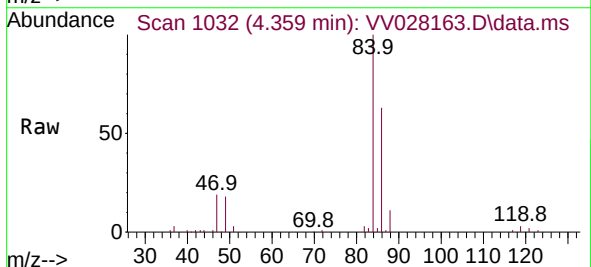
Instrument :  
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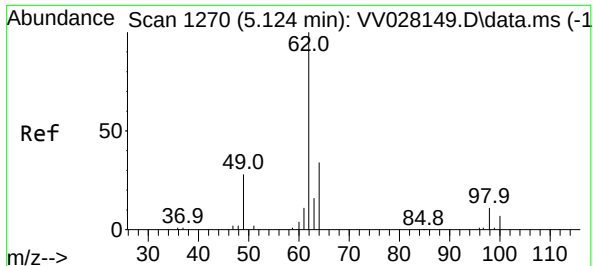
Tgt Ion: 73 Resp: 772  
Ion Ratio Lower Upper  
73 100  
43 6.0 15.7 23.5#  
57 26.0 17.8 26.8



#25  
Chloroform  
Concen: 0.071 ug/L  
RT: 4.359 min Scan# 1032  
Delta R.T. -0.003 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

Tgt Ion: 83 Resp: 1591  
Ion Ratio Lower Upper  
83 100  
85 96.4 45.1 83.7#

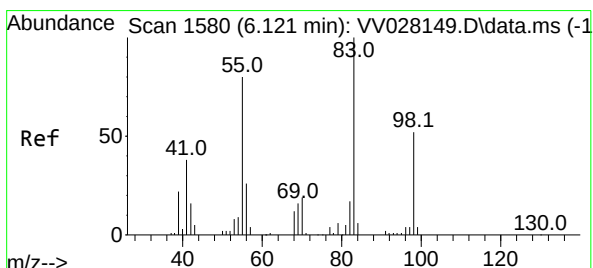
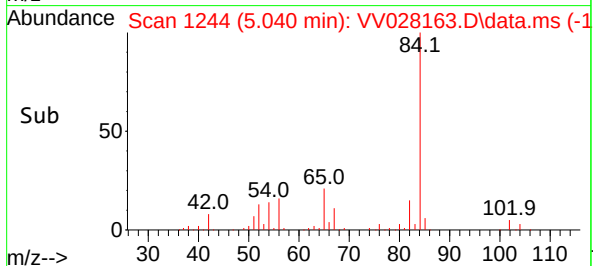
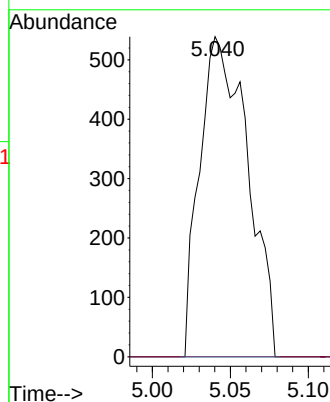
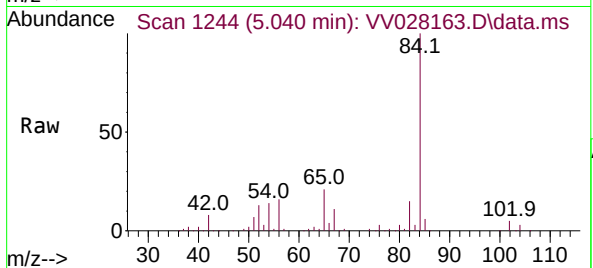




#27  
1,2-Dichloroethane  
Concen: 0.096 ug/L  
RT: 5.040 min Scan# 11  
Delta R.T. -0.084 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

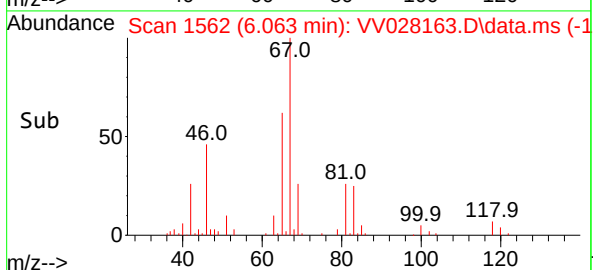
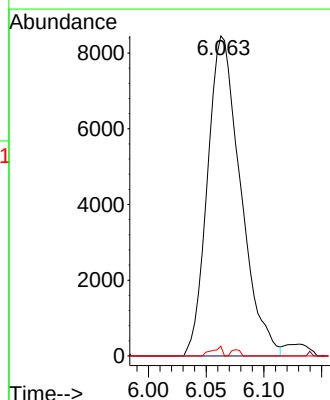
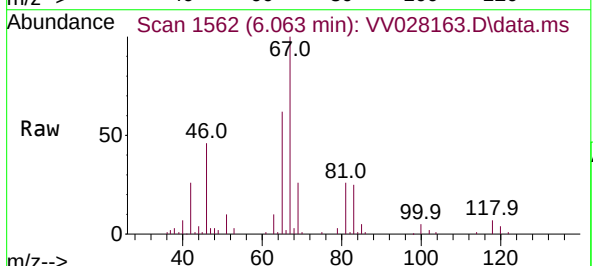
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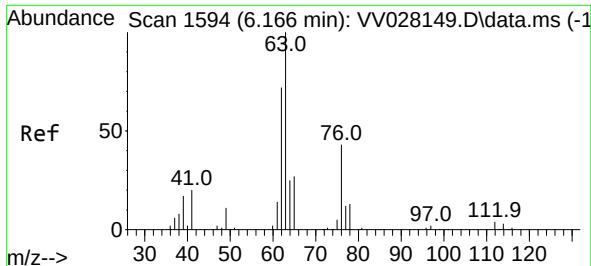
Tgt Ion: 62 Resp: 1152  
Ion Ratio Lower Upper  
62 100  
98 0.0 6.7 10.1#



#35  
Methylcyclohexane  
Concen: 1.165 ug/L  
RT: 6.063 min Scan# 1562  
Delta R.T. -0.058 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

Tgt Ion: 83 Resp: 16813  
Ion Ratio Lower Upper  
83 100  
55 0.0 64.7 97.1#  
98 0.9 39.5 59.3#

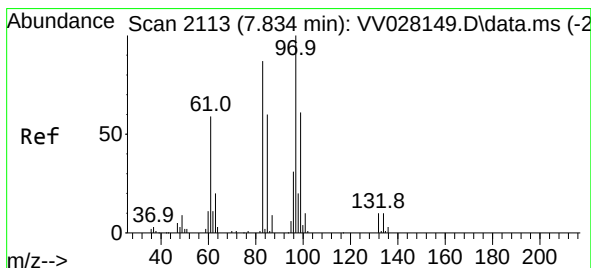
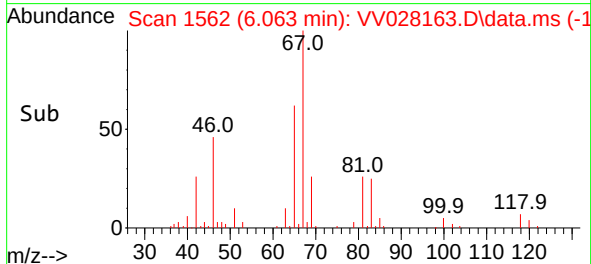
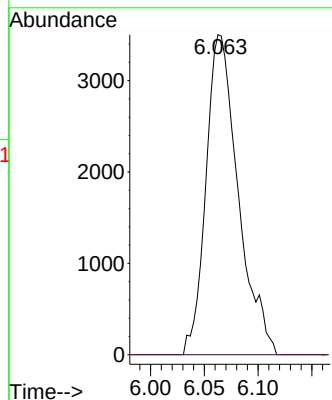
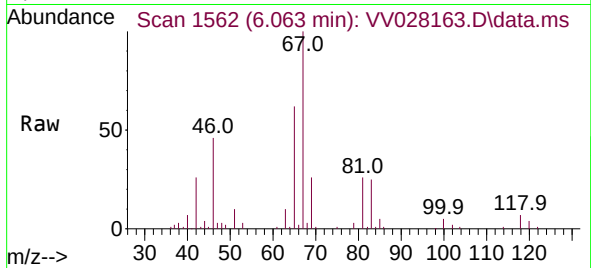




#37  
1,2-Dichloropropane  
Concen: 0.617 ug/L  
RT: 6.063 min Scan# 11  
Delta R.T. -0.103 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

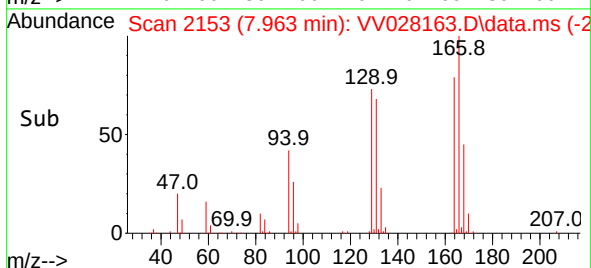
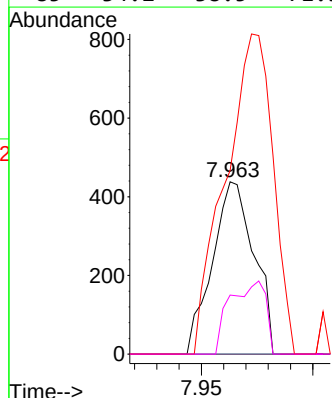
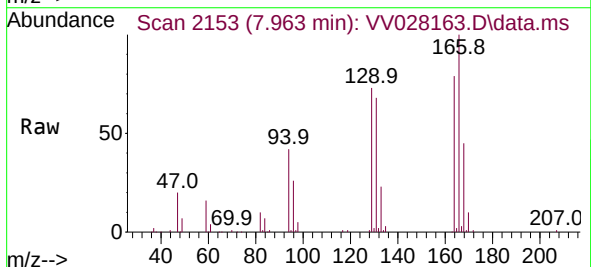
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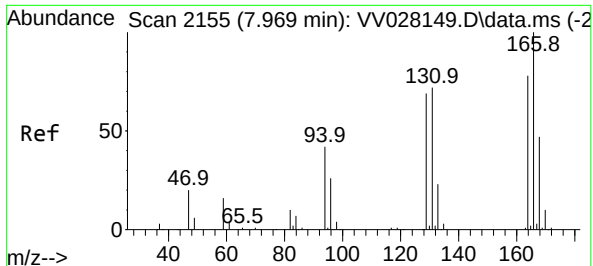
Tgt Ion: 63 Resp: 7308  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.5 5.3#



#45  
1,1,2-Trichloroethane  
Concen: 0.072 ug/L  
RT: 7.963 min Scan# 2153  
Delta R.T. 0.129 min  
Lab File: VV028163.D  
Acq: 28 Sep 2022 16:51

Tgt Ion: 97 Resp: 571  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.2 80.2#  
83 106.6 59.1 109.9  
85 34.2 38.5 71.5#





#47

Tetrachloroethene

Concen: 8.761 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028163.D

Acq: 28 Sep 2022 16:51

Instrument :

MSVOA\_V

ClientSampleId :

F5H26

Tgt Ion:164 Resp: 73584

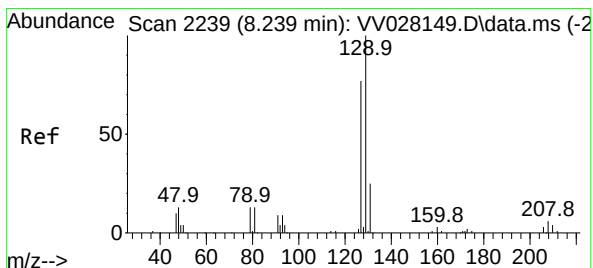
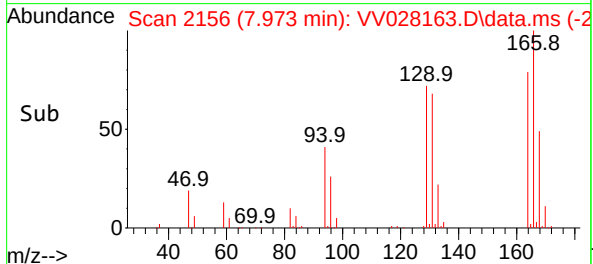
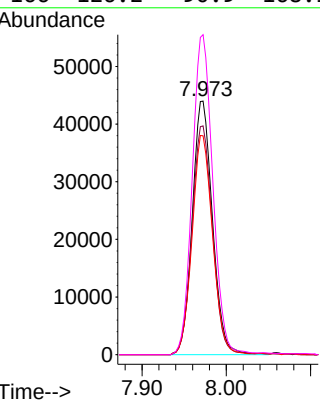
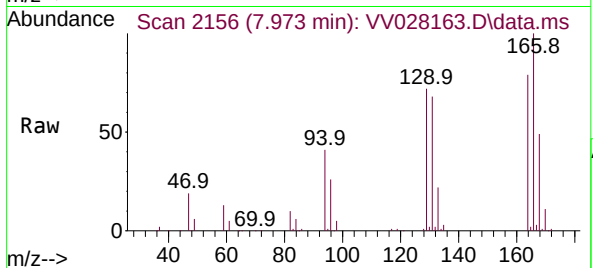
Ion Ratio Lower Upper

164 100

129 90.3 66.7 123.9

131 86.3 61.7 114.5

166 126.2 90.9 168.9



#49

Dibromochloromethane

Concen: 6.837 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028163.D

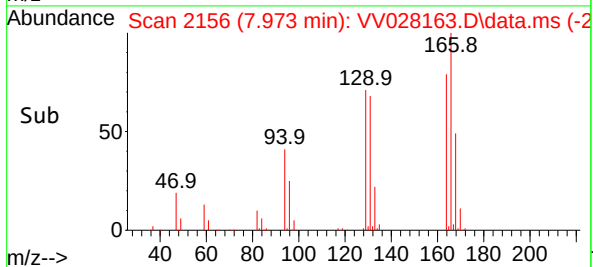
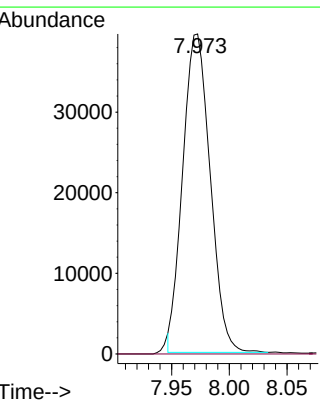
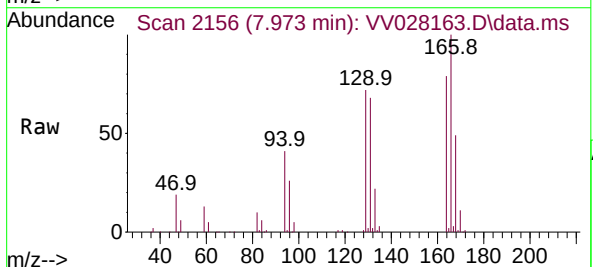
Acq: 28 Sep 2022 16:51

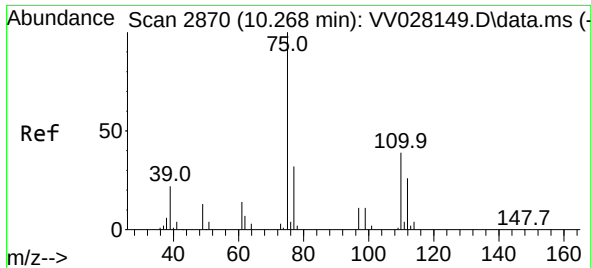
Tgt Ion:129 Resp: 65306

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.093 ug/L  
 RT: 11.246 min Scan# 31  
 Delta R.T. 0.977 min  
 Lab File: VV028163.D  
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Tgt Ion: 75 Resp: 6410  
 Ion Ratio Lower Upper  
 75 100  
 77 38.5 26.7 40.1  
 110 1.1 30.1 45.1#

