

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092622\  
 Data File : VV028124.D  
 Acq On : 26 Sep 2022 18:20  
 Operator : SY/MD  
 Sample : N4820-11  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 26 21:32:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Sep 26 21:28:54 2022  
 Response via : Initial Calibration

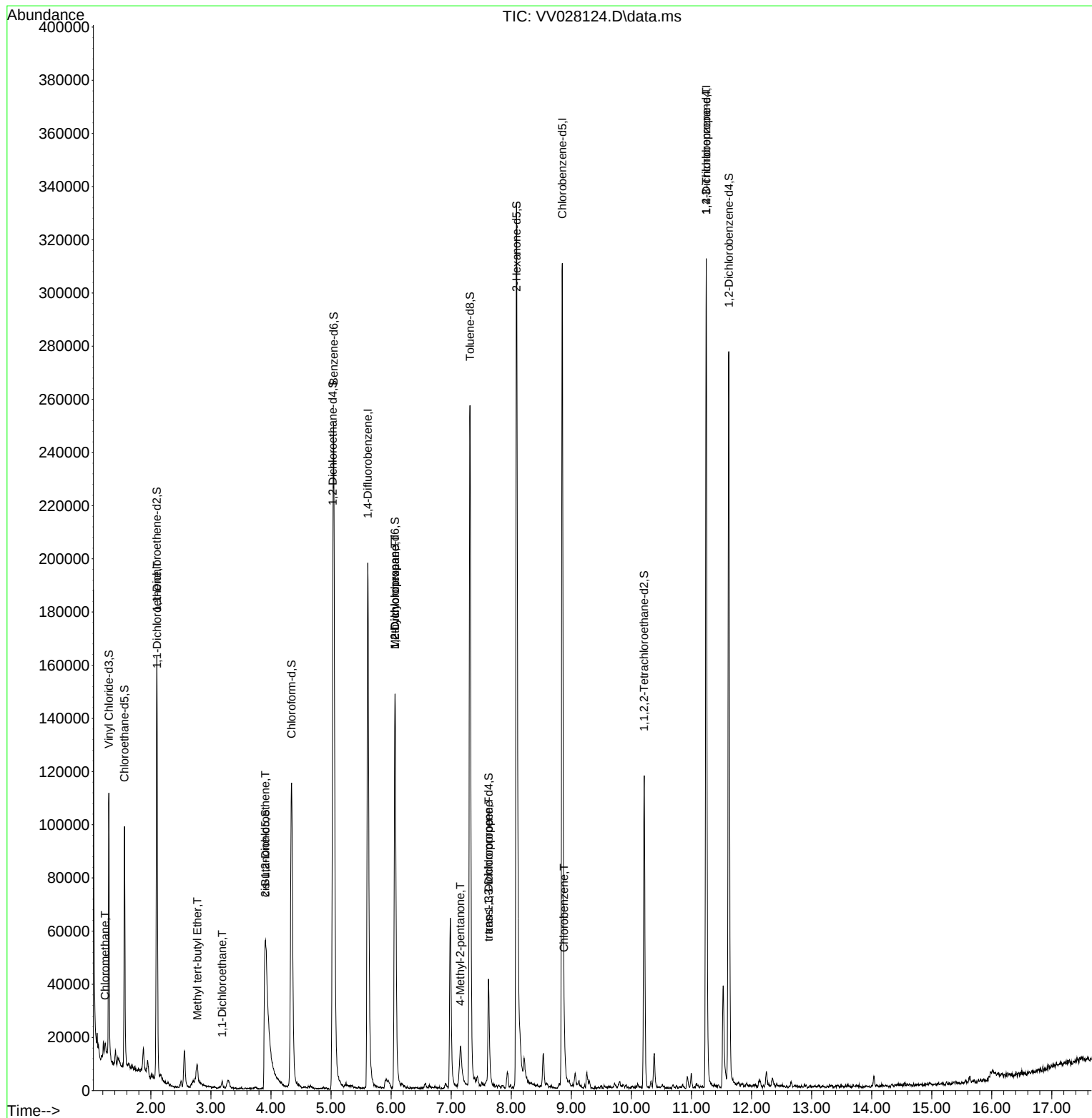
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 174617   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 178678   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246 | 152   | 85204    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65    | 62861    | 3.472    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.400%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 59764    | 4.152    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.098  | 63    | 83205    | 2.650    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 53.000%# |
| 20) 2-Butanone-d5             | 3.905  | 46    | 149952   | 49.064   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.120%  |
| 24) Chloroform-d              | 4.342  | 84    | 124436   | 4.308    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.030  | 65    | 62802    | 4.569    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.400%  |
| 32) Benzene-d6                | 5.043  | 84    | 228136   | 3.894    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 77.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 76204    | 4.172    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.400%  |
| 41) Toluene-d8                | 7.313  | 98    | 177713   | 3.351    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 67.000%# |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 25483    | 3.862    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 77.200%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 125287   | 45.499   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 91.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.213 | 84    | 57176    | 4.580    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 75027    | 4.489    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 89.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.236  | 50    | 2799     | 0.162    | ug/L   | 87       |
| 12) 1,1-Dichloroethene        | 2.104  | 96    | 1092     | 0.090    | ug/L # | 1        |
| 17) Methyl tert-butyl Ether   | 2.773  | 73    | 6439     | 0.248    | ug/L # | 85       |
| 19) 1,1-Dichloroethane        | 3.185  | 63    | 2526     | 0.110    | ug/L # | 90       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 502      | 0.036    | ug/L   | 94       |
| 35) Methylcyclohexane         | 6.066  | 83    | 18212    | 1.075    | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 6.066  | 63    | 8352     | 0.600    | ug/L # | 87       |
| 40) 4-Methyl-2-pentanone      | 7.149  | 43    | 6180     | 0.915    | ug/L # | 48       |
| 44) trans-1,3-Dichloropropene | 7.625  | 75    | 1077     | 0.072    | ug/L   | 92       |
| 51) Chlorobenzene             | 8.879  | 112   | 8629     | 0.249    | ug/L   | 92       |
| 61) 1,2,3-Trichloropropane    | 11.246 | 75    | 9074     | 1.270    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

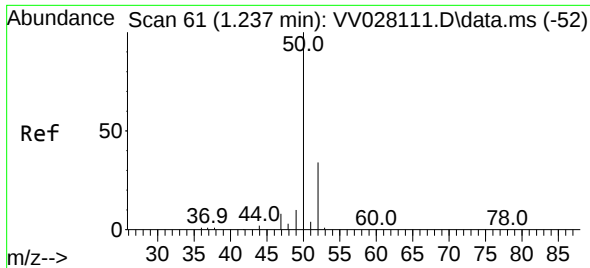
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Sep 26 21:28:54 2022  
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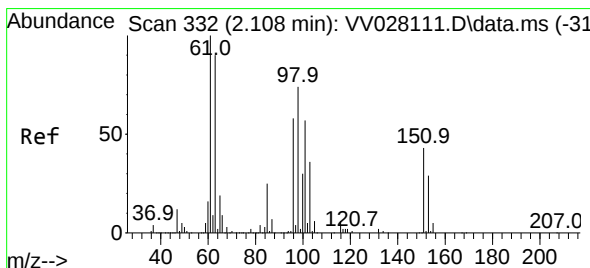
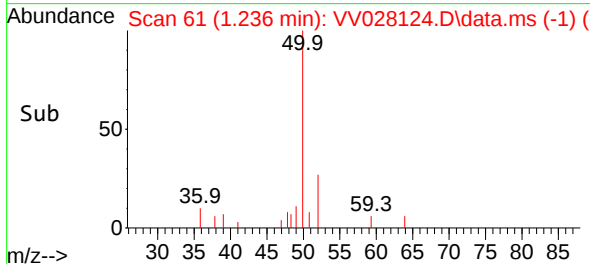
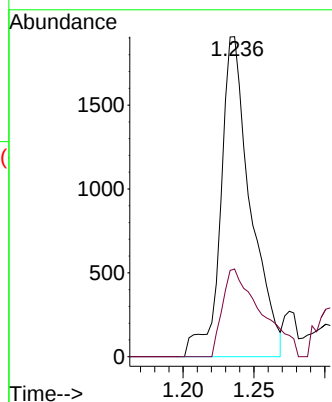
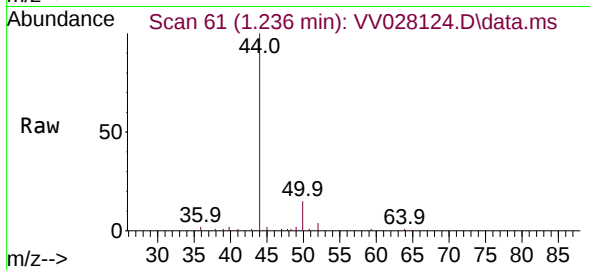




#3  
Chloromethane  
Concen: 0.162 ug/L  
RT: 1.236 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20

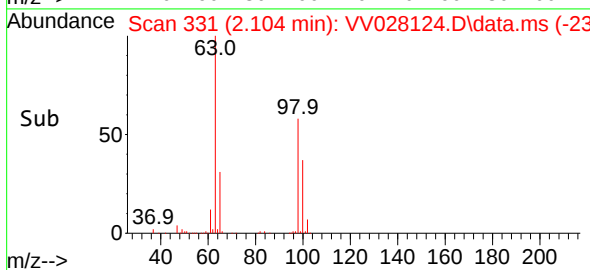
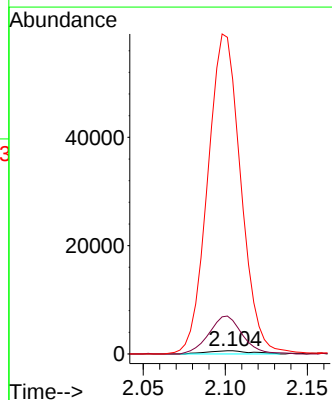
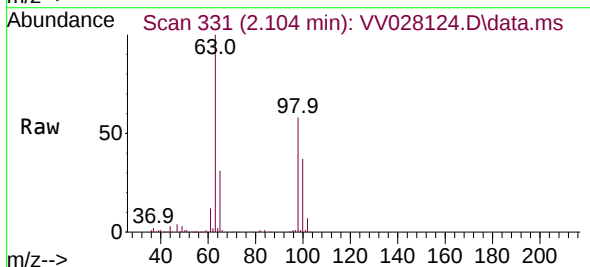
Instrument :  
MSVOA\_V  
ClientSampleId :

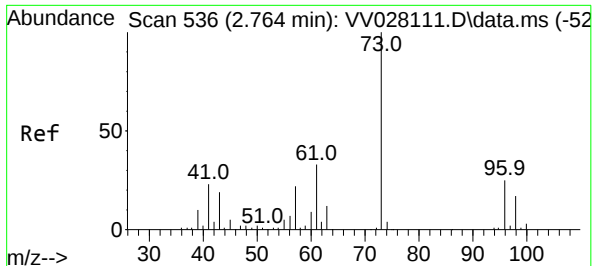
Tgt Ion: 50 Resp: 2799  
Ion Ratio Lower Upper  
50 100  
52 27.4 24.4 45.2



#12  
1,1-Dichloroethene  
Concen: 0.090 ug/L  
RT: 2.104 min Scan# 331  
Delta R.T. -0.003 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20

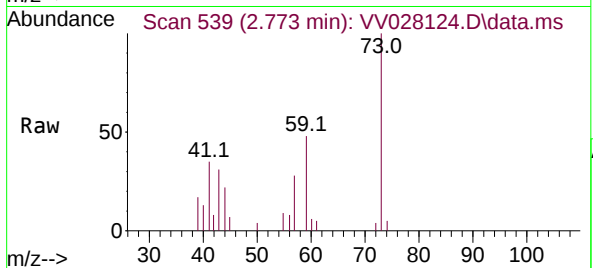
Tgt Ion: 96 Resp: 1092  
Ion Ratio Lower Upper  
96 100  
61 1060.6 128.3 238.3#  
63 8679.5 112.7 209.3#



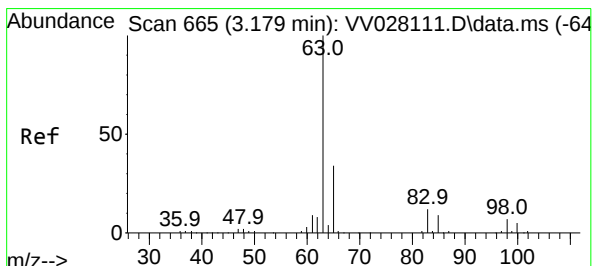
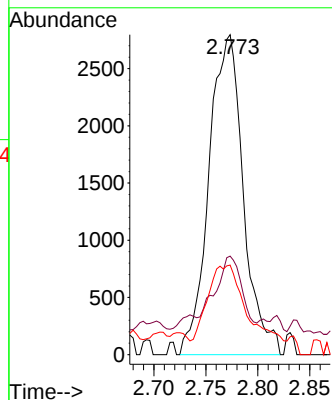
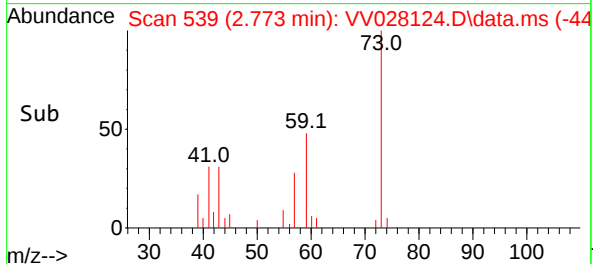


#17  
Methyl tert-butyl Ether  
Concen: 0.248 ug/L  
RT: 2.773 min Scan# 51  
Delta R.T. 0.009 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20

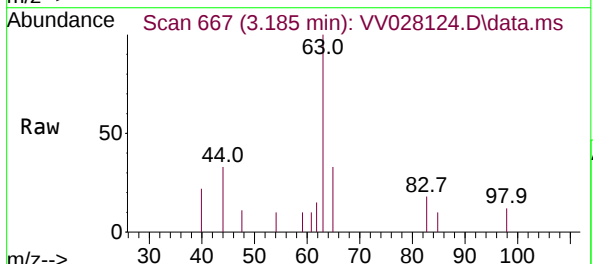
Instrument :  
MSVOA\_V  
ClientSampleId :



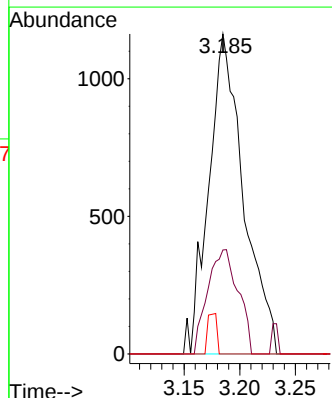
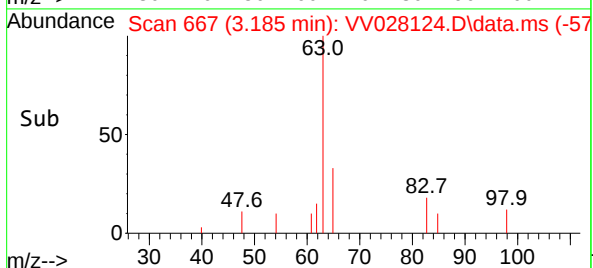
Tgt Ion: 73 Resp: 6439  
Ion Ratio Lower Upper  
73 100  
43 18.7 15.7 23.5  
57 35.1 17.8 26.8#

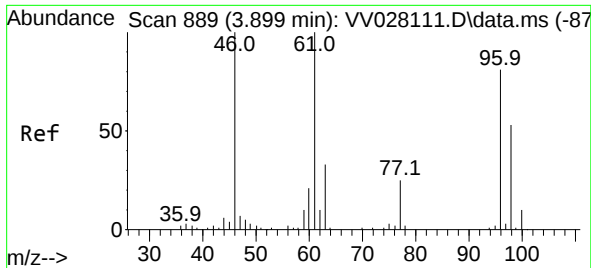


#19  
1,1-Dichloroethane  
Concen: 0.110 ug/L  
RT: 3.185 min Scan# 667  
Delta R.T. 0.006 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20



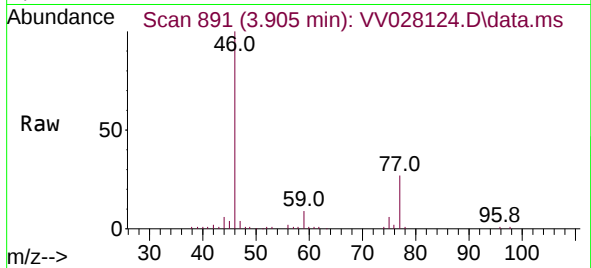
Tgt Ion: 63 Resp: 2526  
Ion Ratio Lower Upper  
63 100  
65 32.5 23.0 42.8  
83 0.0 9.2 17.2#



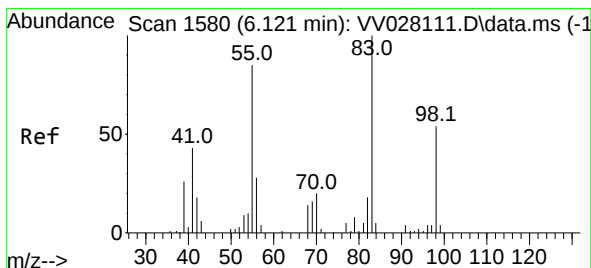
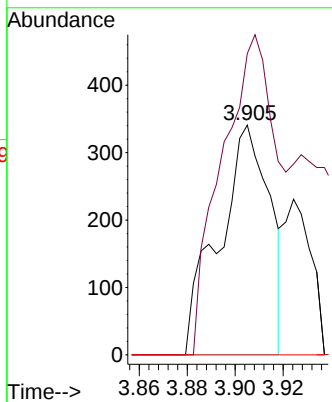
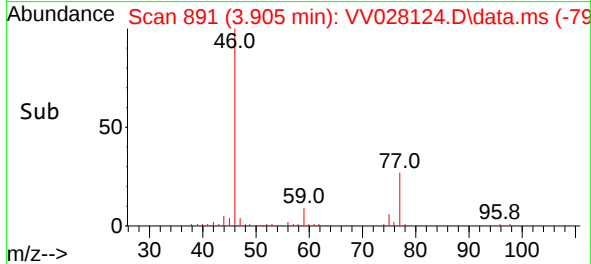


#22  
 cis-1,2-Dichloroethene  
 Concen: 0.036 ug/L  
 RT: 3.905 min Scan# 891  
 Delta R.T. 0.006 min  
 Lab File: VV028124.D  
 Acq: 26 Sep 2022 18:20

Instrument :  
 MSVOA\_V  
 ClientSampleId :

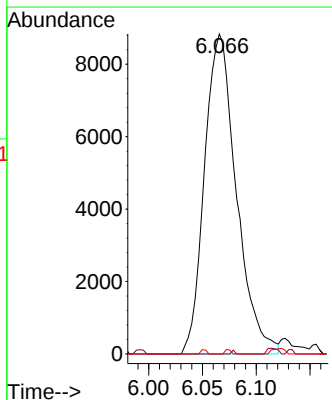
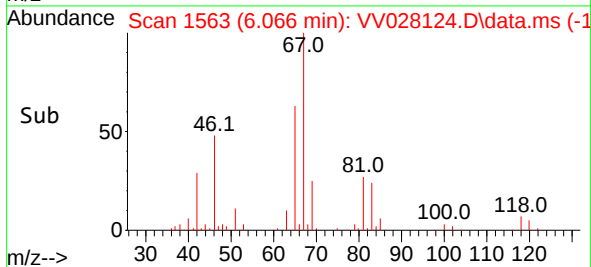
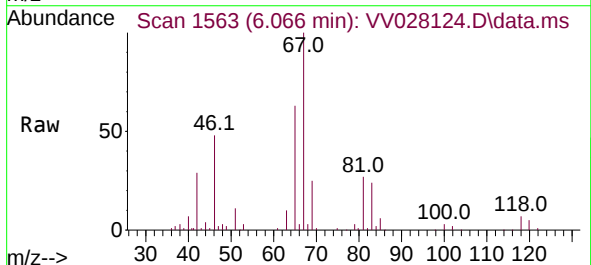


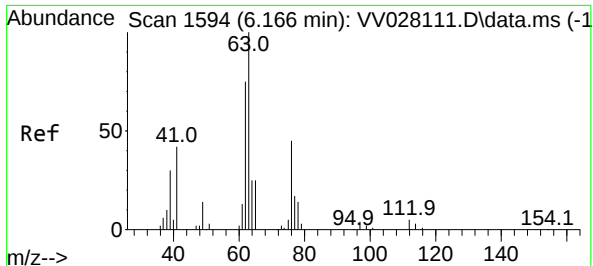
Tgt Ion: 96 Resp: 502  
 Ion Ratio Lower Upper  
 96 100  
 61 131.1 87.2 161.9  
 68 0.0 0.0 0.0



#35  
 Methylcyclohexane  
 Concen: 1.075 ug/L  
 RT: 6.066 min Scan# 1563  
 Delta R.T. -0.055 min  
 Lab File: VV028124.D  
 Acq: 26 Sep 2022 18:20

Tgt Ion: 83 Resp: 18212  
 Ion Ratio Lower Upper  
 83 100  
 55 0.1 64.7 97.1#  
 98 0.2 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV028124.D

Acq: 26 Sep 2022 18:20

Instrument :

MSVOA\_V

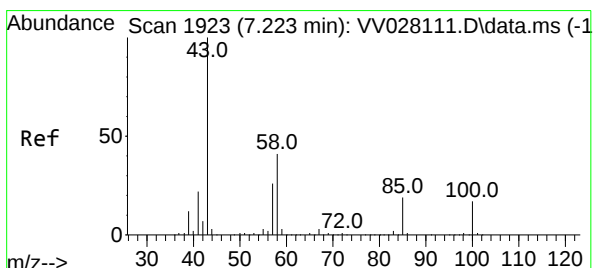
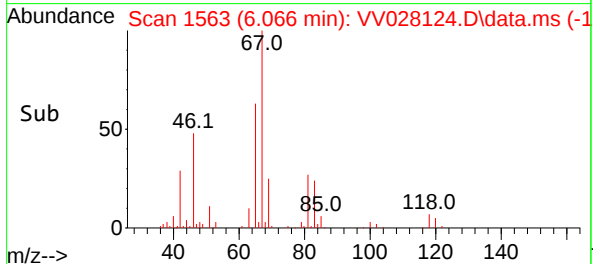
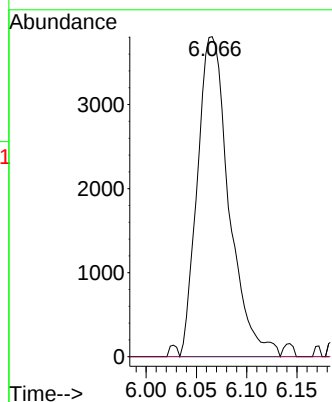
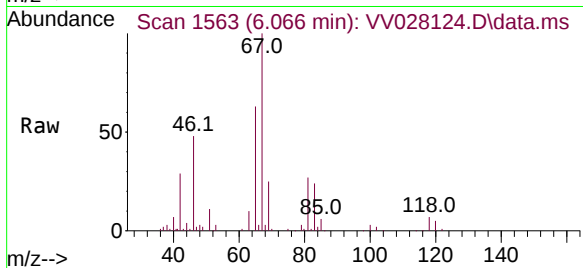
ClientSampleId :

Tgt Ion: 63 Resp: 8352

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#40

4-Methyl-2-pentanone

Concen: 0.915 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.074 min

Lab File: VV028124.D

Acq: 26 Sep 2022 18:20

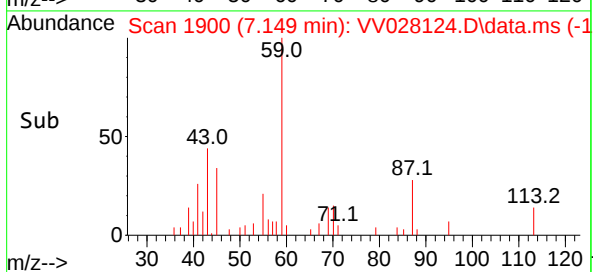
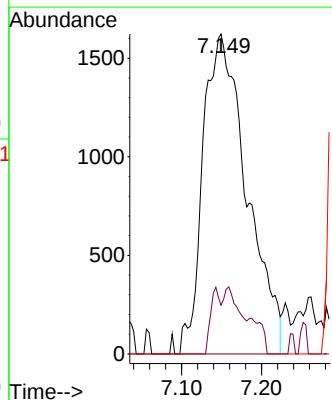
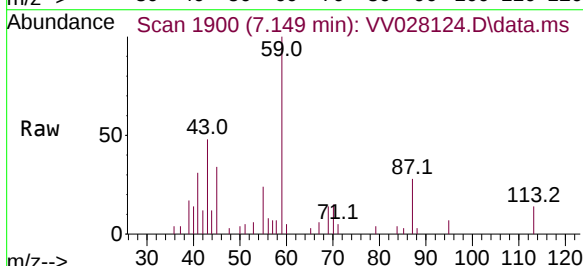
Tgt Ion: 43 Resp: 6180

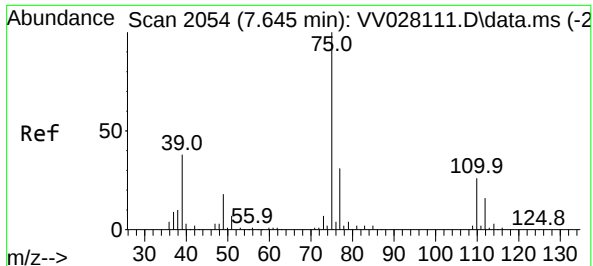
Ion Ratio Lower Upper

43 100

58 4.7 32.2 48.4#

100 0.0 12.7 19.1#

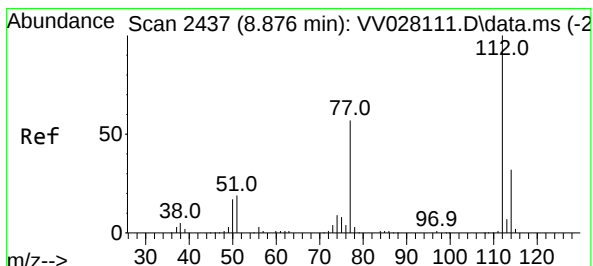
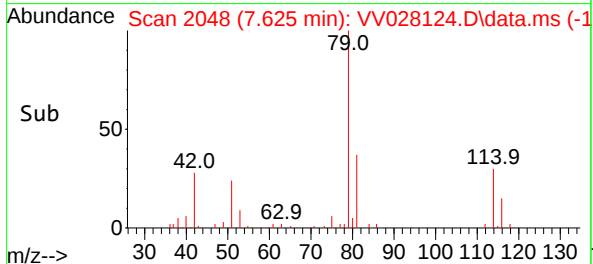
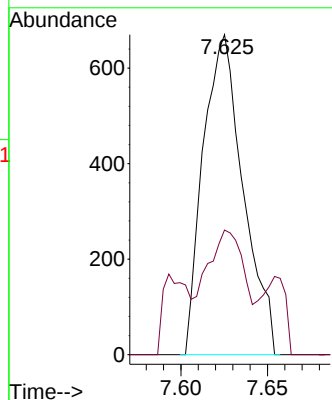
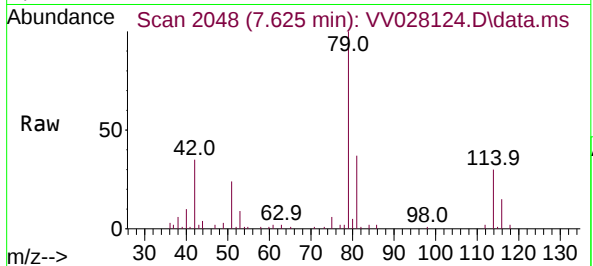




#44  
trans-1,3-Dichloropropene  
Concen: 0.072 ug/L  
RT: 7.625 min Scan# 2048  
Delta R.T. -0.020 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20

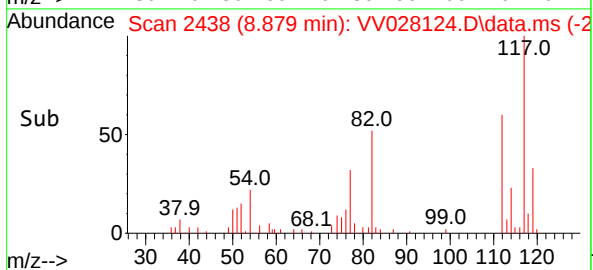
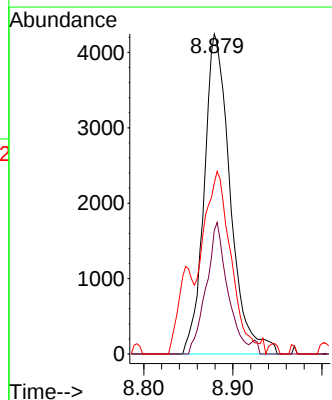
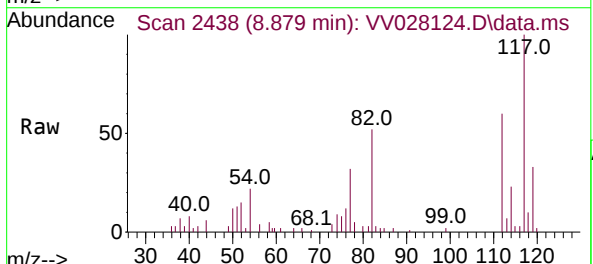
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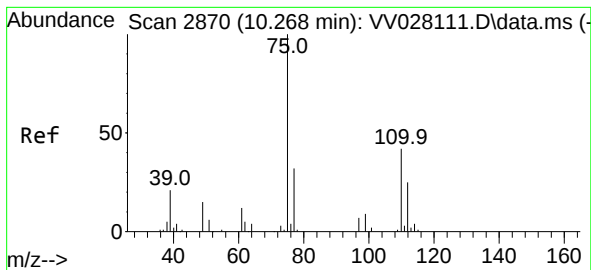
Tgt Ion: 75 Resp: 1077  
Ion Ratio Lower Upper  
75 100  
77 39.0 23.9 44.3



#51  
Chlorobenzene  
Concen: 0.249 ug/L  
RT: 8.879 min Scan# 2438  
Delta R.T. 0.003 min  
Lab File: VV028124.D  
Acq: 26 Sep 2022 18:20

Tgt Ion: 112 Resp: 8629  
Ion Ratio Lower Upper  
112 100  
114 38.6 22.5 41.7  
77 53.4 46.1 69.1





#61

1,2,3-Trichloropropane

Concen: 1.270 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.977 min

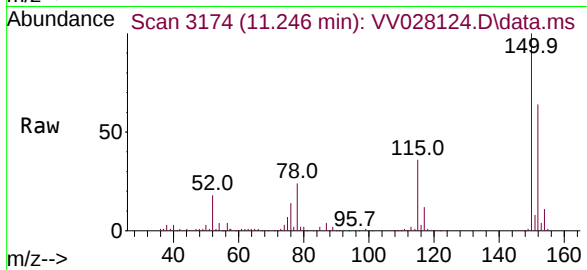
Lab File: VV028124.D

Acq: 26 Sep 2022 18:20

Instrument :

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Tgt Ion: 75 Resp: 9074

Ion Ratio Lower Upper

75 100

77 32.6 26.7 40.1

110 2.1 30.1 45.1#

