

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103122\  
 Data File : VU051646.D  
 Acq On : 01 Nov 2022 06:13  
 Operator : JC/MD  
 Sample : N5319-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAA5

Quant Time: Nov 01 07:30:38 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 01 02:34:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 247739   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 250090   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 133505   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.594  | 65    | 79396    | 4.255    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 85.200%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 86641    | 4.452    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.562  | 65    | 26154    | 3.862    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 77.200%  |
| 20) 2-Butanone-d5             | 4.636  | 46    | 365682   | 54.116   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 108.240% |
| 24) Chloroform-d              | 5.060  | 84    | 179990   | 4.122    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 102330   | 4.339    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.800%  |
| 32) Benzene-d6                | 5.732  | 84    | 356403   | 4.516    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 129349   | 4.687    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.902  | 98    | 288625   | 4.651    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 30773    | 3.647    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.000%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 278505   | 54.828   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 109.660% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 120733   | 4.774    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 115603   | 4.718    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.600  | 62    | 1325204  | 40.506   | ug/L   | 94       |
| 8) Chloroethane               | 1.932  | 64    | 785388   | 39.534   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578  | 101   | 34529    | 1.635    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.578  | 96    | 18322    | 0.851    | ug/L # | 52       |
| 13) Acetone                   | 2.645  | 43    | 1010115  | 294.618  | ug/L   | 97       |
| 14) Carbon disulfide          | 2.790  | 76    | 12550    | 0.181    | ug/L   | 98       |
| 15) Methyl Acetate            | 2.957  | 43    | 24472    | 2.726    | ug/L # | 76       |
| 16) Methylene chloride        | 3.044  | 84    | 18438    | 0.523    | ug/L   | 88       |
| 17) Methyl tert-butyl Ether   | 3.366  | 73    | 5998     | 0.121    | ug/L # | 1        |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96    | 9838     | 0.426    | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.867  | 63    | 422899   | 9.919    | ug/L   | 99       |
| 21) 2-Butanone                | 4.713  | 43    | 367594   | 68.464   | ug/L   | 96       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 9122213  | 356.676  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.787  | 62    | 900949   | 33.101   | ug/L # | 75       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97    | 41201    | 1.213    | ug/L   | 95       |
| 30) Cyclohexane               | 5.388  | 56    | 154170   | 4.931    | ug/L   | 99       |
| 31) Carbon tetrachloride      | 5.314  | 117   | 5514     | 0.190    | ug/L   | 99       |
| 34) Trichloroethene           | 6.546  | 95    | 4645     | 0.195    | ug/L   | 88       |
| 35) Methylcyclohexane         | 6.761  | 83    | 167178   | 5.077    | ug/L   | 98       |

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 ClientSampleId :  
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 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 01 02:34:58 2022  
 Response via : Initial Calibration

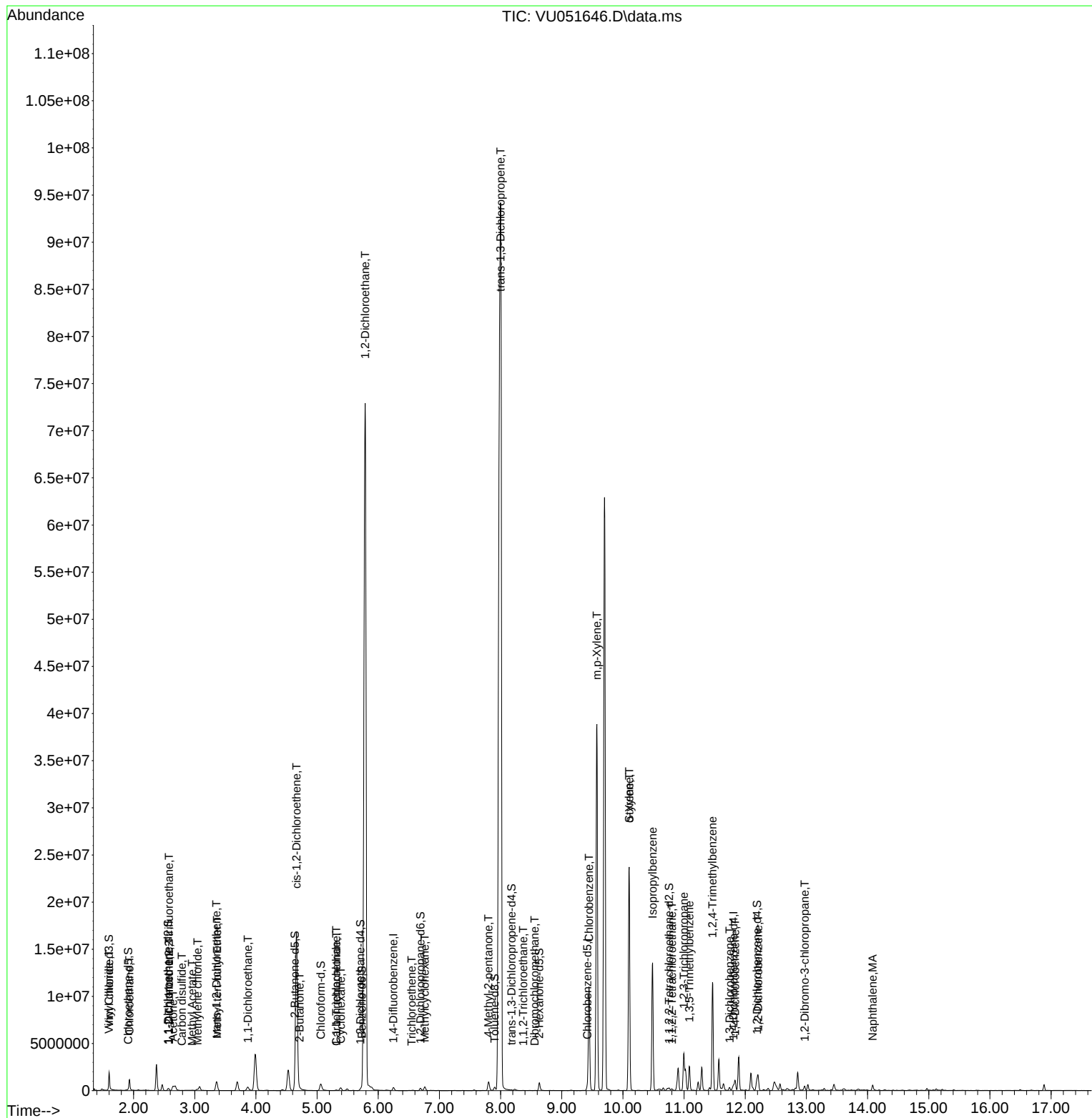
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 40) 4-Methyl-2-pentanone      | 7.803  | 43   | 699291   | 54.923  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.999  | 75   | 1379407  | 50.685  | ug/L # | 1        |
| 45) 1,1,2-Trichloroethane     | 8.369  | 97   | 6561     | 0.353   | ug/L # | 21       |
| 49) Dibromochloromethane      | 8.555  | 129  | 1487     | 0.070   | ug/L # | 10       |
| 51) Chlorobenzene             | 9.446  | 112  | 6021955  | 94.399  | ug/L   | 98       |
| 53) m,p-Xylene                | 9.574  | 106  | 9480516  | 249.579 | ug/L   | 61       |
| 54) o-Xylene                  | 10.102 | 106  | 6500643  | 175.106 | ug/L   | 93       |
| 55) Styrene                   | 10.102 | 104  | 315966   | 5.091   | ug/L # | 1        |
| 57) 1,1,2,2-Tetrachloroethane | 10.799 | 83   | 4625     | 0.201   | ug/L # | 52       |
| 60) Isopropylbenzene          | 10.484 | 105  | 9023237  | 92.582  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 10.996 | 75   | 25517    | 1.478   | ug/L # | 1        |
| 62) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 1371222  | 52.261  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 6423841  | 84.909  | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.745 | 146  | 53014    | 1.093   | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146  | 446408   | 9.176   | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 12.211 | 146  | 583395   | 12.344  | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.973 | 75   | 1907     | 0.536   | ug/L # | 3        |
| 71) Naphthalene               | 14.082 | 128  | 464797   | 9.378   | ug/L   | 98       |
| -----                         |        |      |          |         |        |          |

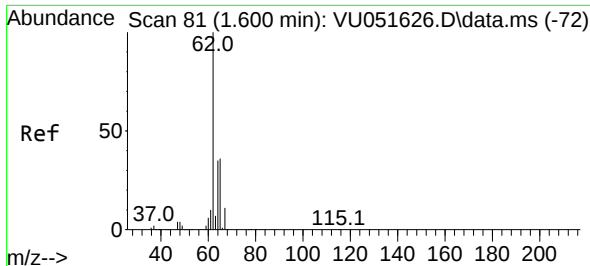
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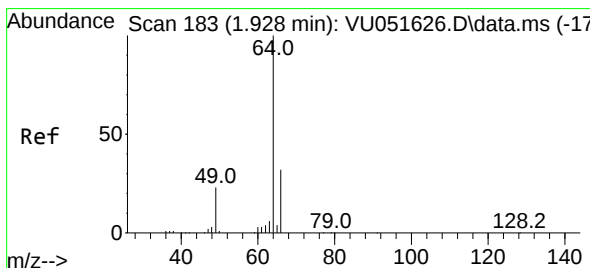
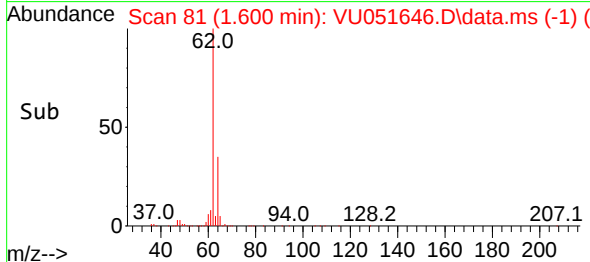
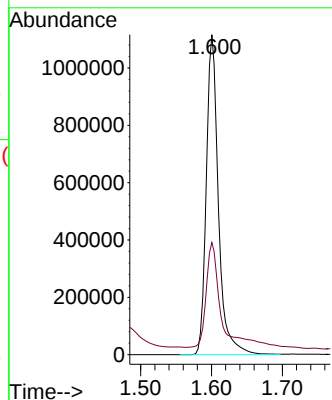
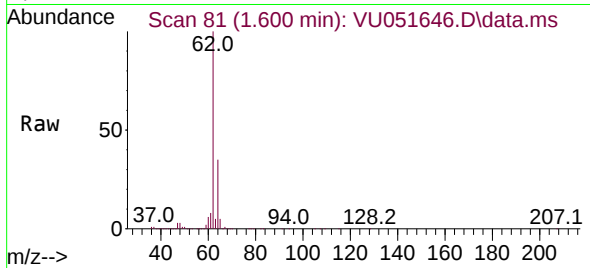




#5  
 Vinyl chloride  
 Concen: 40.506 ug/L  
 RT: 1.600 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: VU051646.D  
 Acq: 01 Nov 2022 06:13

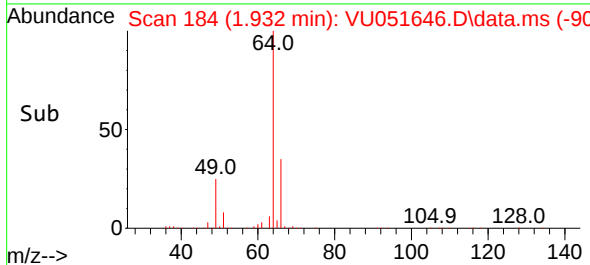
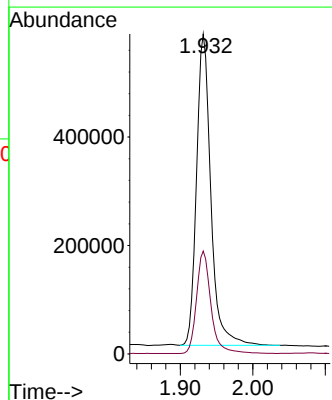
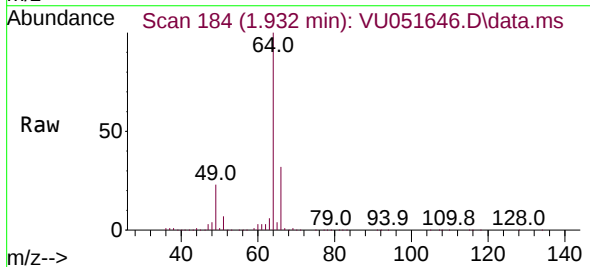
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAA5

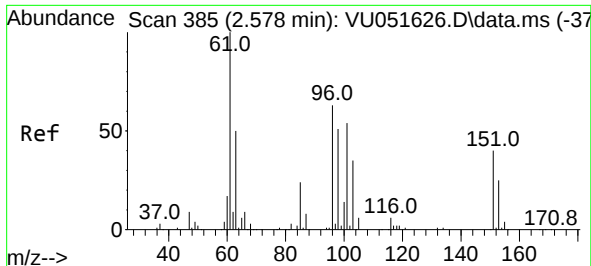
Tgt Ion: 62 Resp: 1325204  
 Ion Ratio Lower Upper  
 62 100  
 64 35.1 22.1 41.1



#8  
 Chloroethane  
 Concen: 39.534 ug/L  
 RT: 1.932 min Scan# 184  
 Delta R.T. 0.003 min  
 Lab File: VU051646.D  
 Acq: 01 Nov 2022 06:13

Tgt Ion: 64 Resp: 785388  
 Ion Ratio Lower Upper  
 64 100  
 66 32.2 22.3 41.5

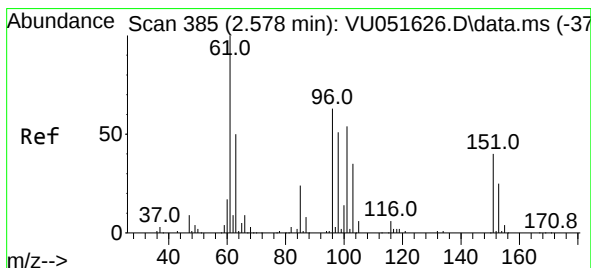
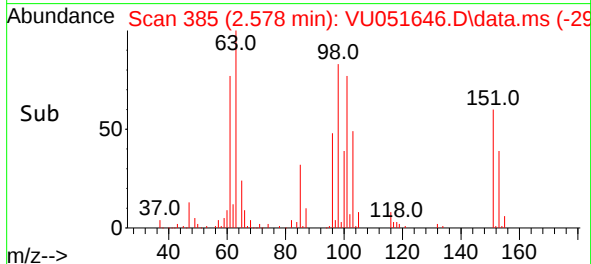
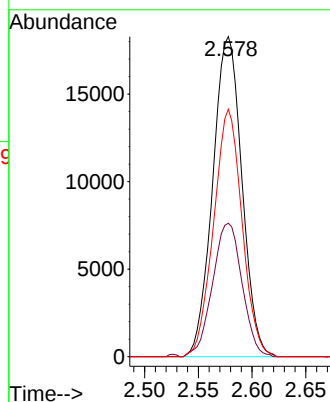
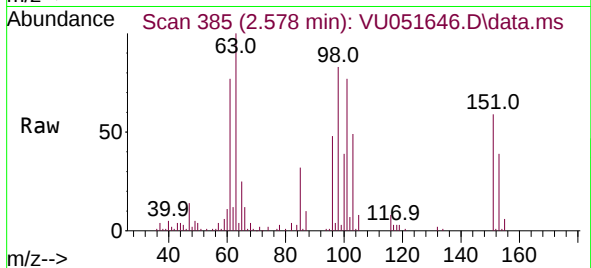




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 1.635 ug/L  
 RT: 2.578 min Scan# 385  
 Delta R.T. -0.000 min  
 Lab File: VU051646.D  
 Acq: 01 Nov 2022 06:13

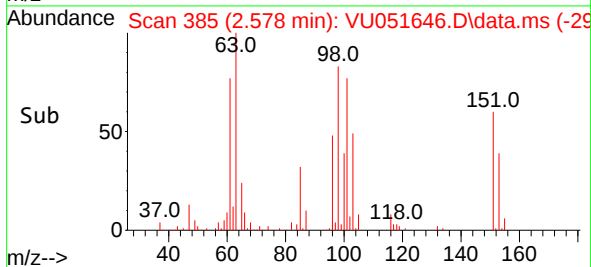
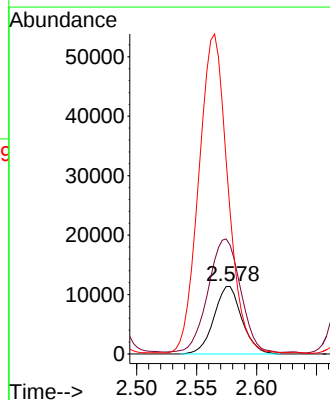
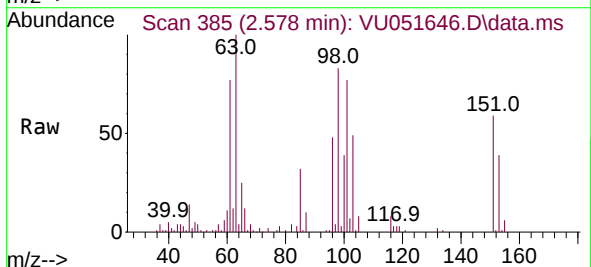
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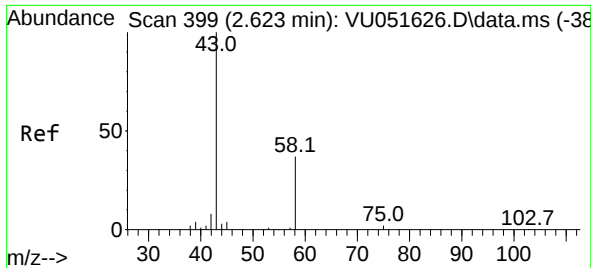
Tgt Ion:101 Resp: 34529  
 Ion Ratio Lower Upper  
 101 100  
 85 42.1 35.6 53.4  
 151 75.3 59.6 89.4



#12  
 1,1-Dichloroethene  
 Concen: 0.851 ug/L  
 RT: 2.578 min Scan# 385  
 Delta R.T. -0.000 min  
 Lab File: VU051646.D  
 Acq: 01 Nov 2022 06:13

Tgt Ion: 96 Resp: 18322  
 Ion Ratio Lower Upper  
 96 100  
 61 161.0 108.8 202.0  
 63 209.6 64.9 120.5#





#13

Acetone

Concen: 294.618 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.022 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

Instrument :

MSVOA\_U

ClientSampleId :

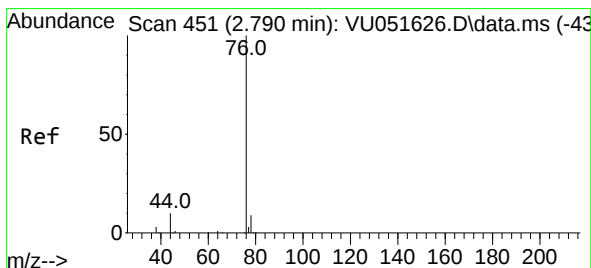
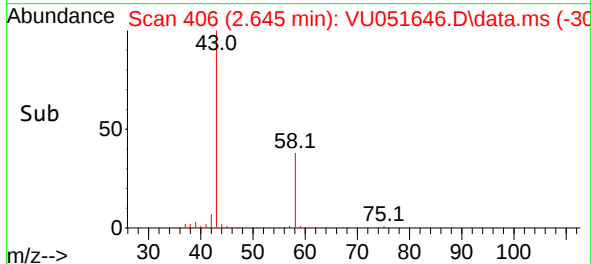
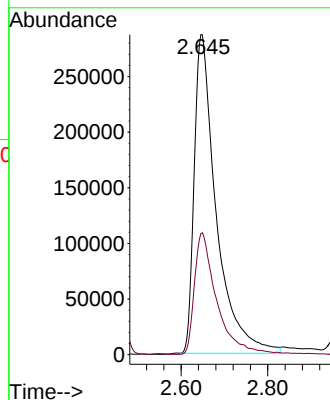
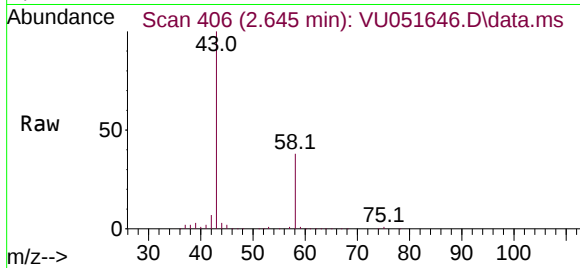
BHAA5

Tgt Ion: 43 Resp: 1010115

Ion Ratio Lower Upper

43 100

58 38.4 0.0 73.8



#14

Carbon disulfide

Concen: 0.181 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051646.D

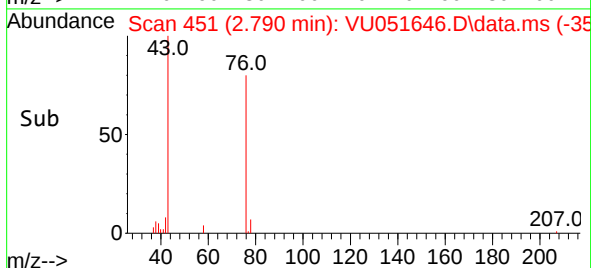
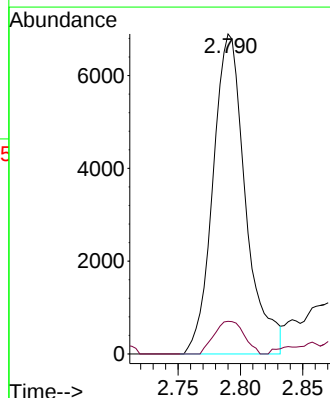
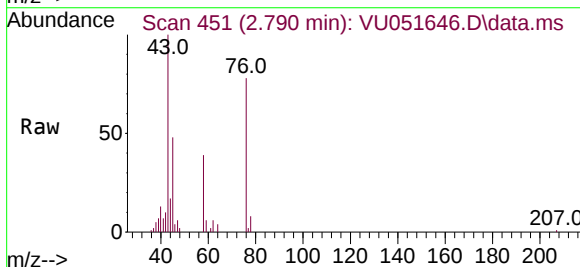
Acq: 01 Nov 2022 06:13

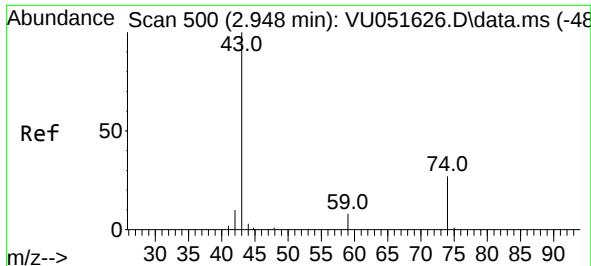
Tgt Ion: 76 Resp: 12550

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.2

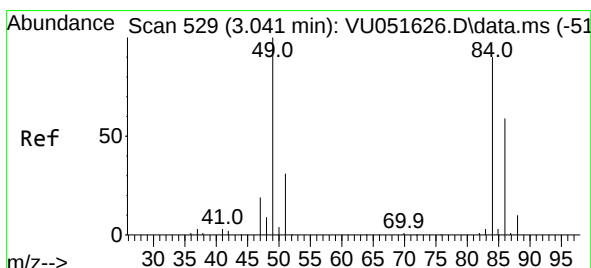
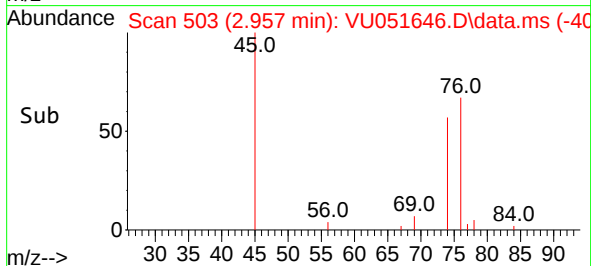
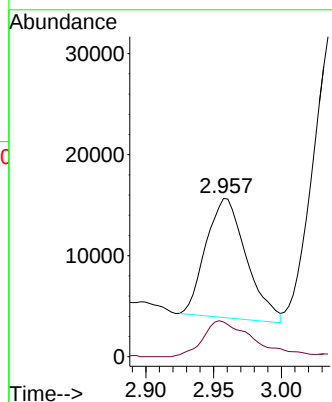
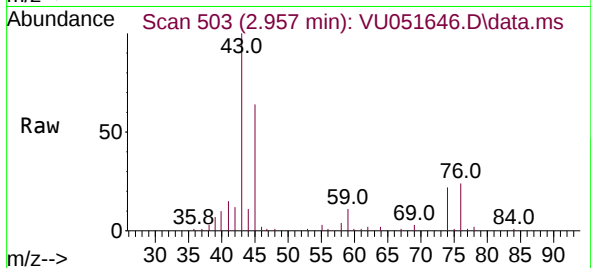




#15  
Methyl Acetate  
Concen: 2.726 ug/L  
RT: 2.957 min Scan# 500  
Delta R.T. 0.010 min  
Lab File: VU051646.D  
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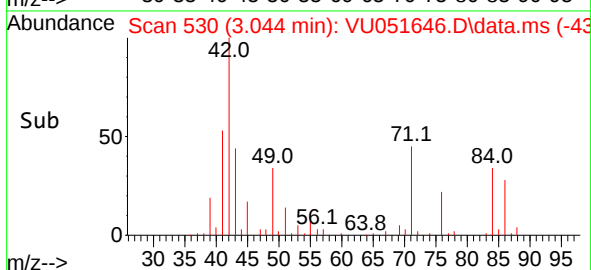
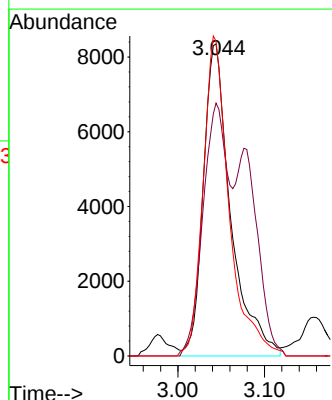
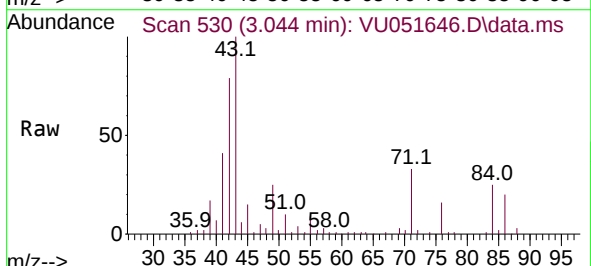
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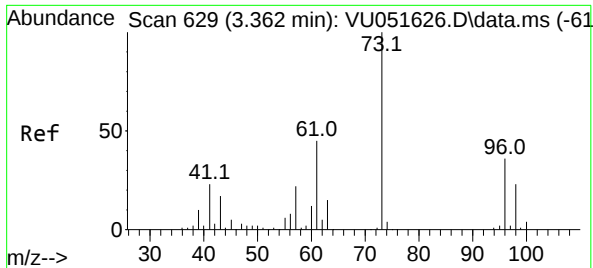
Tgt Ion: 43 Resp: 24472  
Ion Ratio Lower Upper  
43 100  
74 37.3 20.2 30.4#



#16  
Methylene chloride  
Concen: 0.523 ug/L  
RT: 3.044 min Scan# 530  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 84 Resp: 18438  
Ion Ratio Lower Upper  
84 100  
86 81.0 46.3 85.9  
49 100.9 76.0 141.2

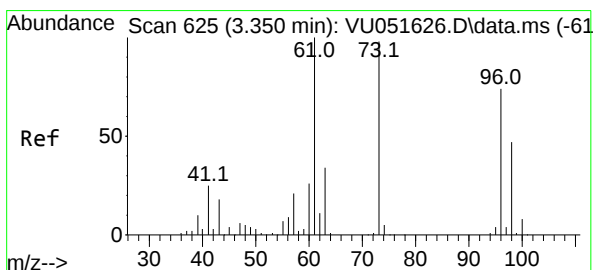
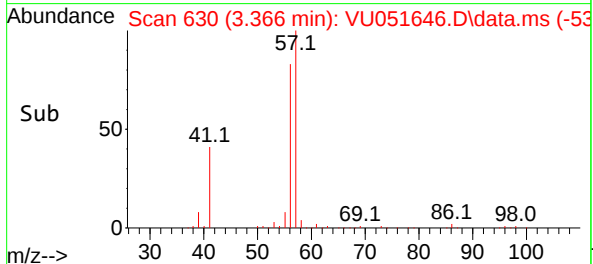
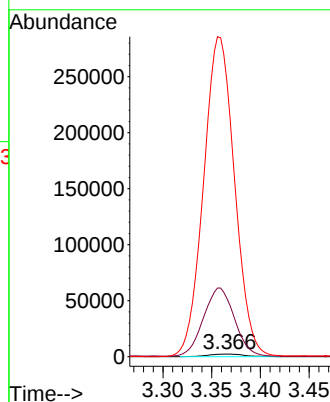
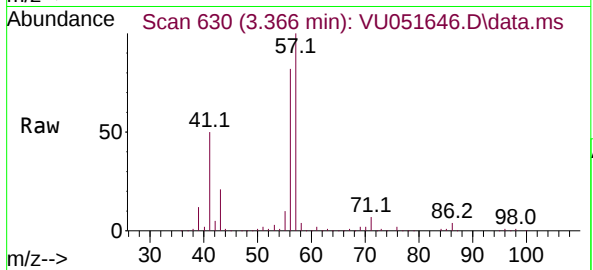




#17  
Methyl tert-butyl Ether  
Concen: 0.121 ug/L  
RT: 3.366 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

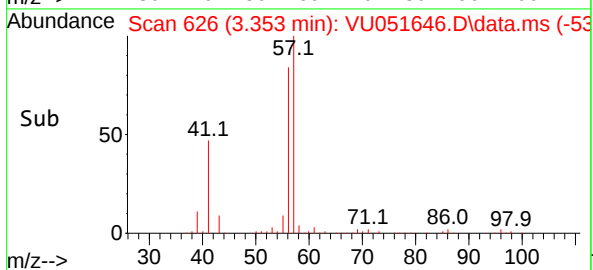
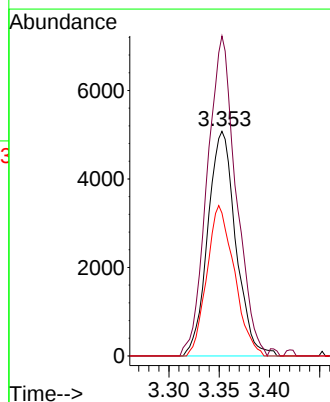
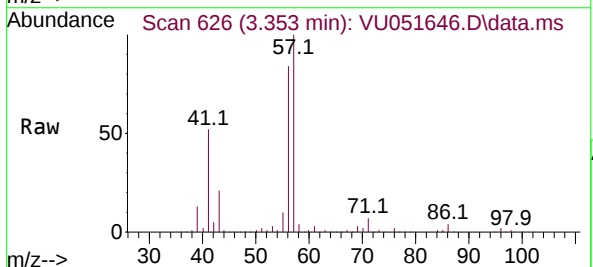
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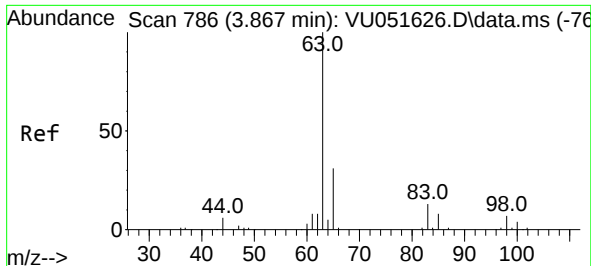
Tgt Ion: 73 Resp: 5998  
Ion Ratio Lower Upper  
73 100  
43 2248.4 13.6 20.4#  
57 10561.4 17.5 26.3#



#18  
trans-1,2-Dichloroethene  
Concen: 0.426 ug/L  
RT: 3.353 min Scan# 626  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 96 Resp: 9838  
Ion Ratio Lower Upper  
96 100  
61 142.4 94.7 175.9  
98 63.6 44.2 82.0

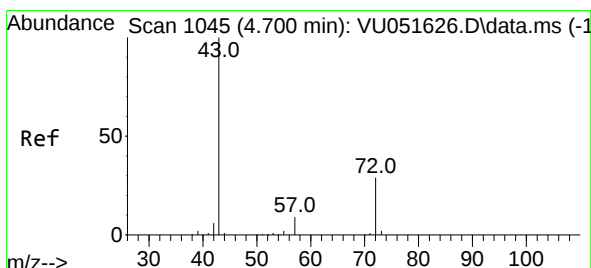
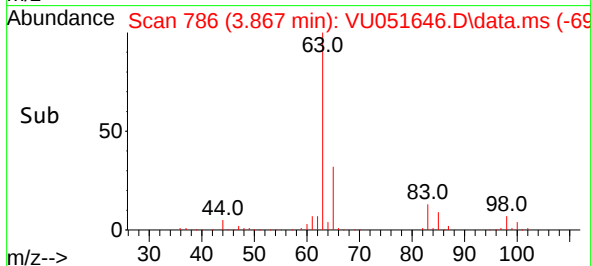
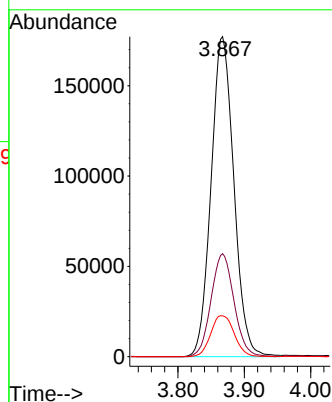
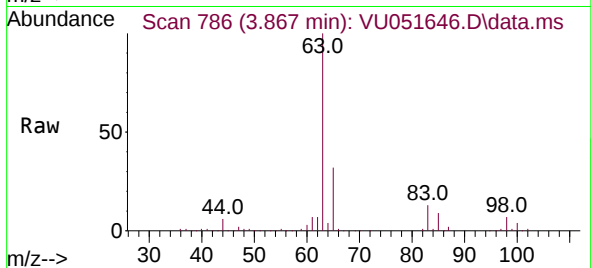




#19  
1,1-Dichloroethane  
Concen: 9.919 ug/L  
RT: 3.867 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

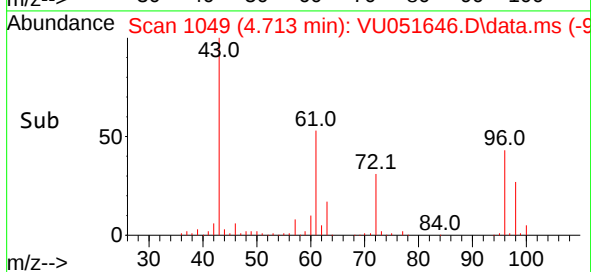
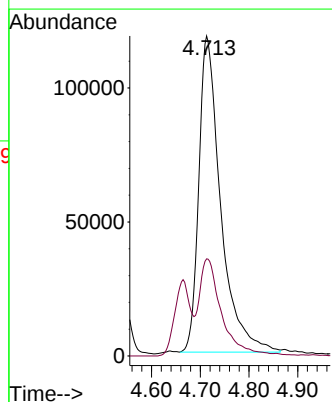
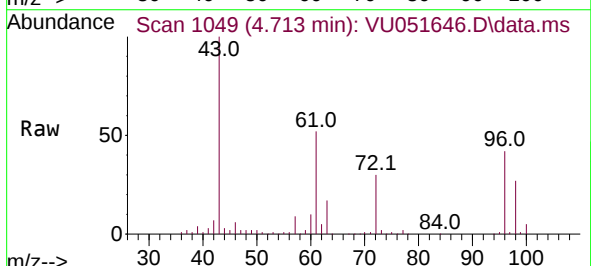
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

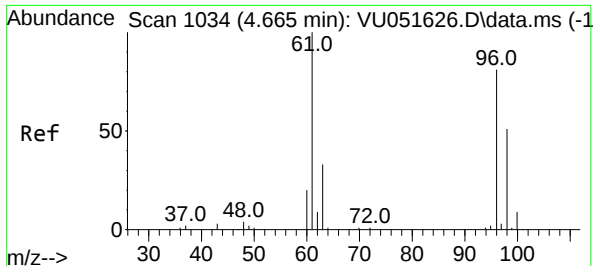
Tgt Ion: 63 Resp: 422899  
Ion Ratio Lower Upper  
63 100  
65 32.2 22.7 42.1  
83 12.7 9.2 17.0



#21  
2-Butanone  
Concen: 68.464 ug/L  
RT: 4.713 min Scan# 1049  
Delta R.T. 0.013 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 43 Resp: 367594  
Ion Ratio Lower Upper  
43 100  
72 29.8 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 356.676 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

Instrument :

MSVOA\_U

ClientSampleId :

BHAA5

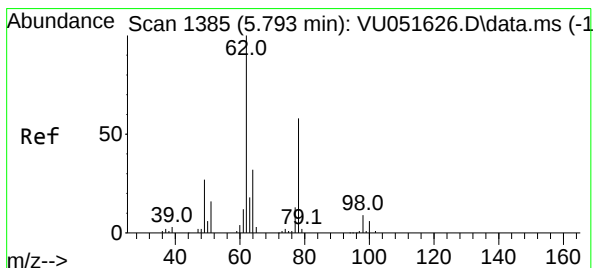
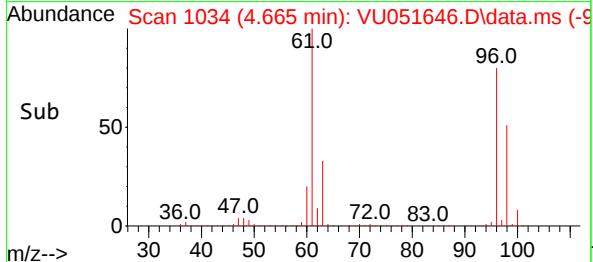
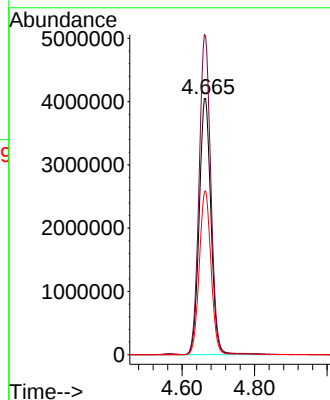
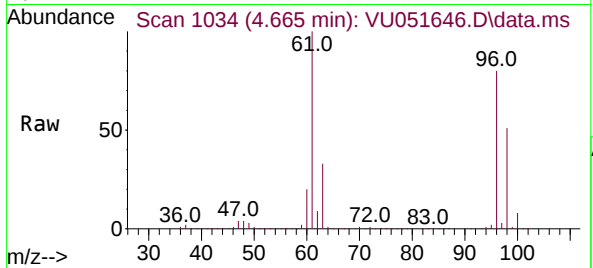
Tgt Ion: 96 Resp: 9122213

Ion Ratio Lower Upper

96 100

61 124.4 86.4 160.4

98 63.9 44.2 82.2



#27

1,2-Dichloroethane

Concen: 33.101 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VU051646.D

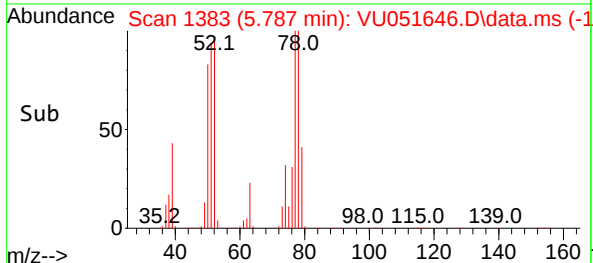
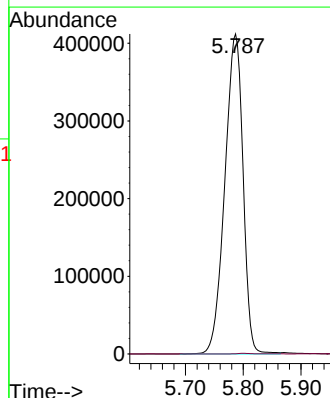
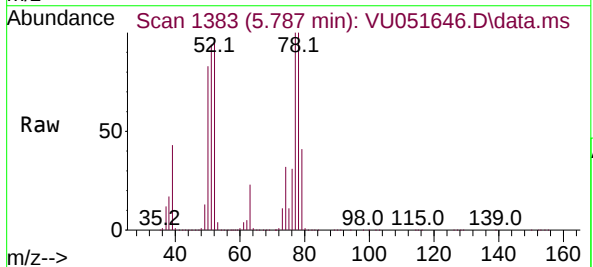
Acq: 01 Nov 2022 06:13

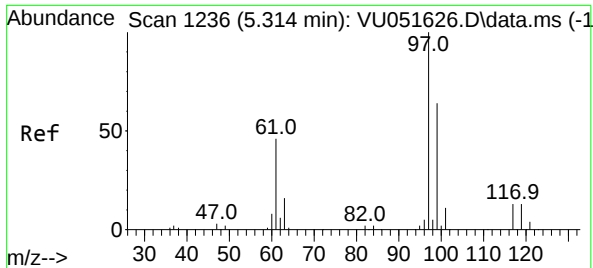
Tgt Ion: 62 Resp: 900949

Ion Ratio Lower Upper

62 100

98 0.1 7.4 11.0#

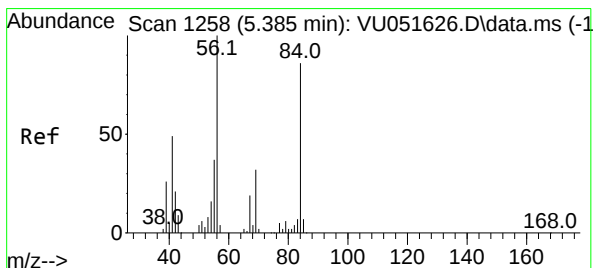
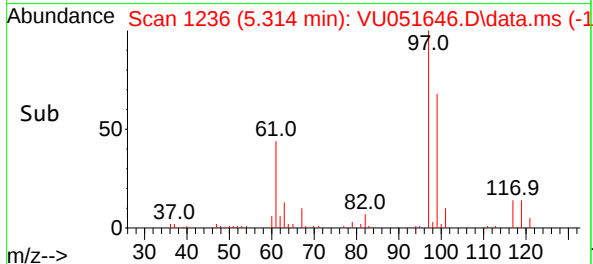
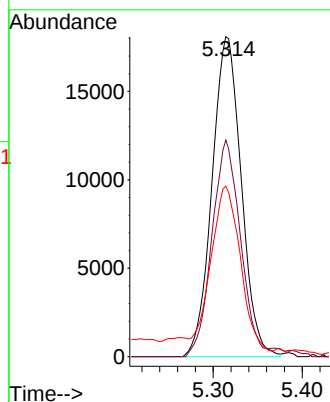
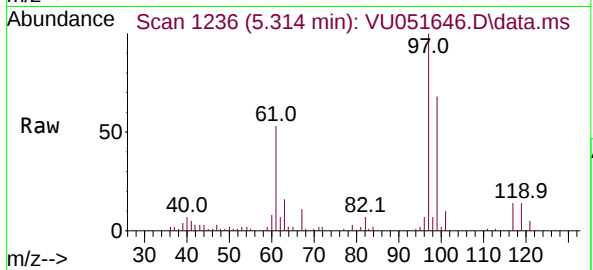




#29  
1,1,1-Trichloroethane  
Concen: 1.213 ug/L  
RT: 5.314 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

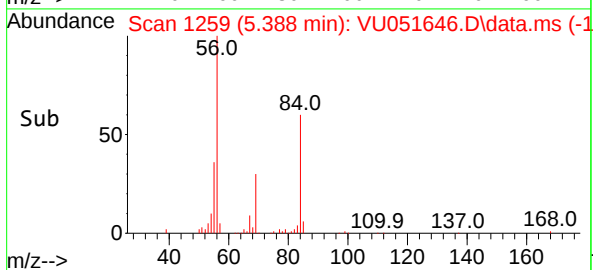
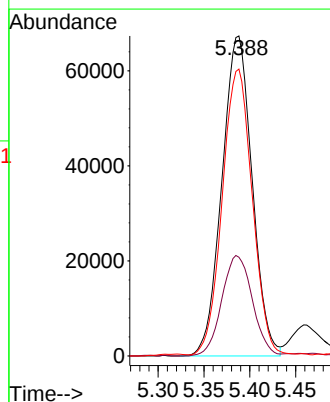
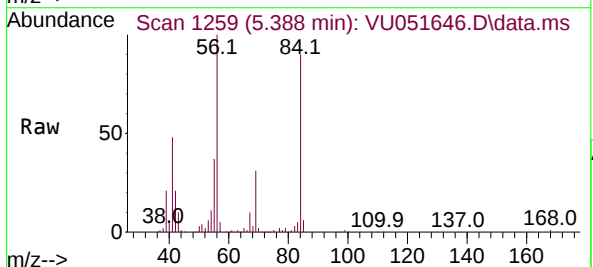
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

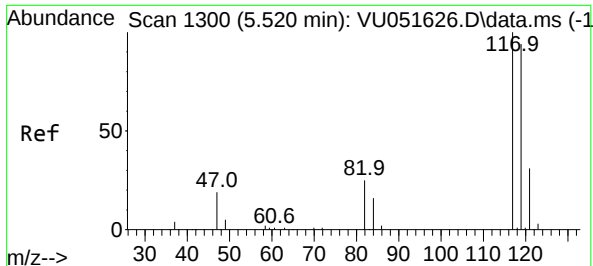
Tgt Ion: 97 Resp: 41201  
Ion Ratio Lower Upper  
97 100  
99 66.3 51.1 76.7  
61 52.0 37.4 56.0



#30  
Cyclohexane  
Concen: 4.931 ug/L  
RT: 5.388 min Scan# 1259  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 56 Resp: 154170  
Ion Ratio Lower Upper  
56 100  
69 31.7 25.4 38.0  
84 88.4 71.4 107.0

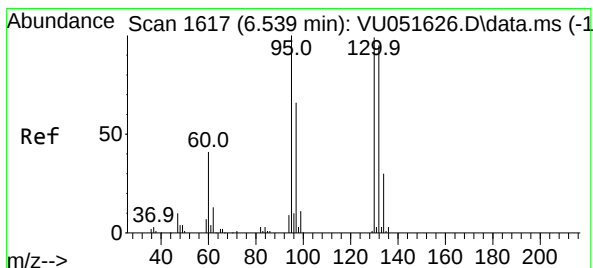
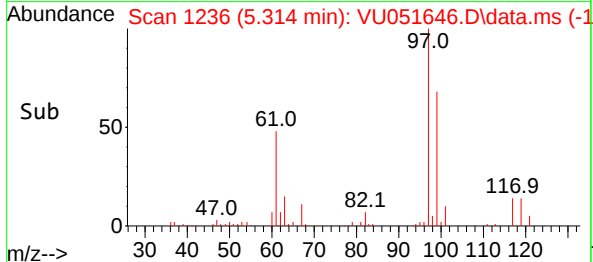
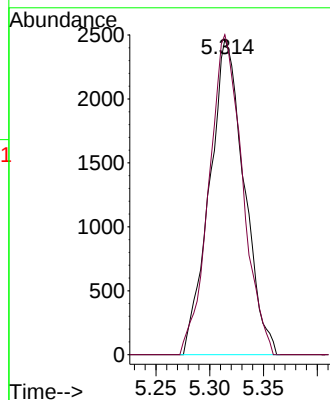
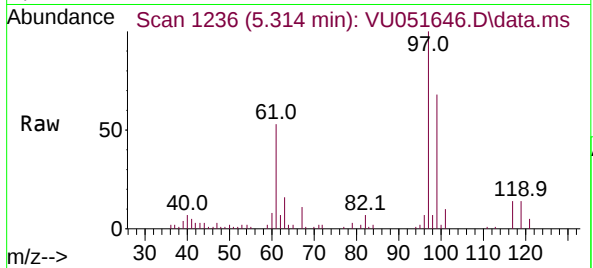




#31  
Carbon tetrachloride  
Concen: 0.190 ug/L  
RT: 5.314 min Scan# 117  
Delta R.T. -0.206 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

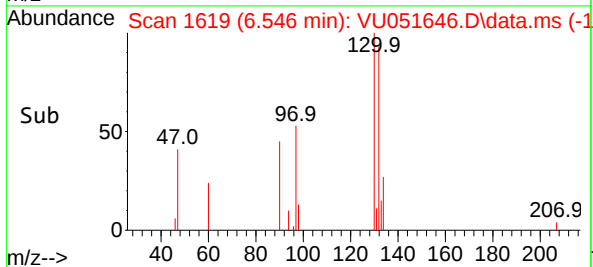
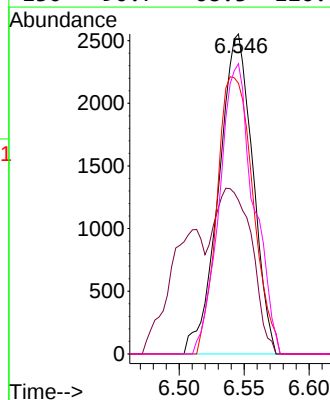
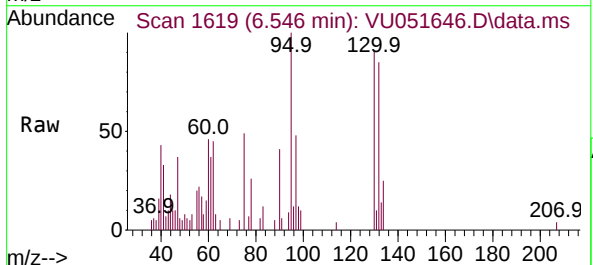
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

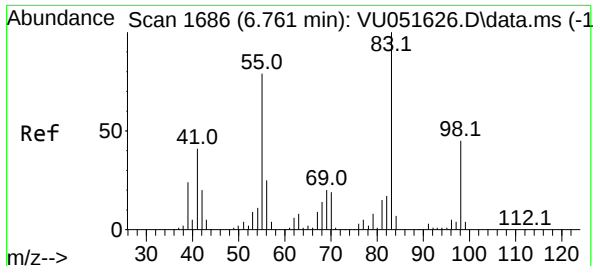
Tgt Ion:117 Resp: 5514  
Ion Ratio Lower Upper  
117 100  
119 98.1 77.5 116.3



#34  
Trichloroethene  
Concen: 0.195 ug/L  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.006 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 95 Resp: 4645  
Ion Ratio Lower Upper  
95 100  
97 48.0 45.2 84.0  
132 84.6 66.5 123.5  
130 90.7 68.3 126.8





#35

Methylcyclohexane

Concen: 5.077 ug/L

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

Instrument :

MSVOA\_U

ClientSampleId :

BHAA5

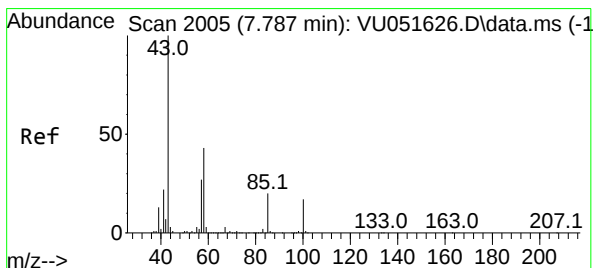
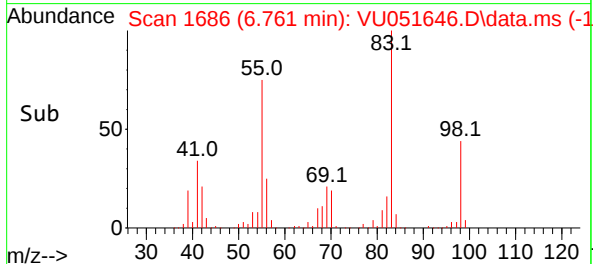
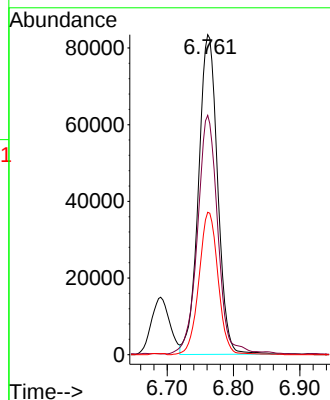
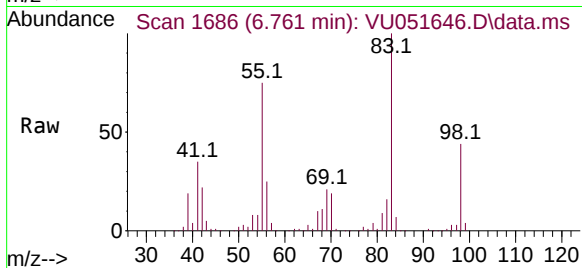
Tgt Ion: 83 Resp: 167178

Ion Ratio Lower Upper

83 100

55 78.7 60.6 90.8

98 44.6 35.8 53.6



#40

4-Methyl-2-pentanone

Concen: 54.923 ug/L

RT: 7.803 min Scan# 2010

Delta R.T. 0.016 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

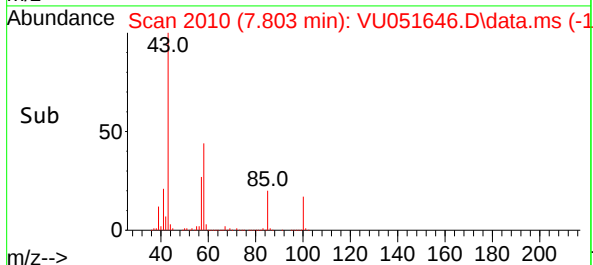
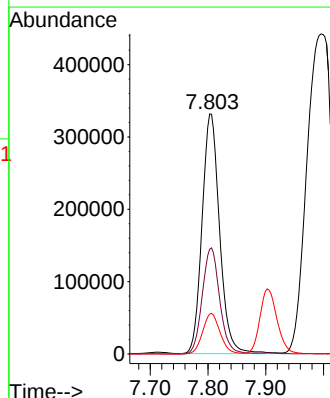
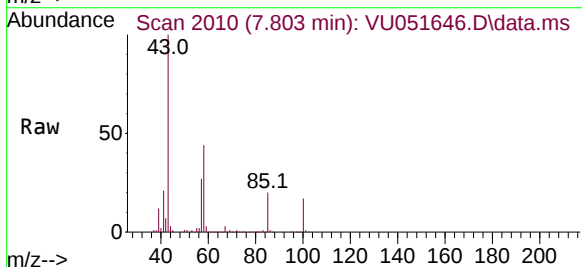
Tgt Ion: 43 Resp: 699291

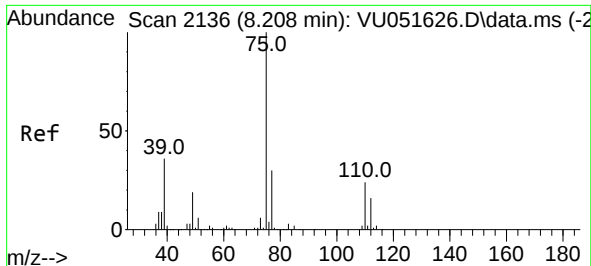
Ion Ratio Lower Upper

43 100

58 43.9 35.0 52.6

100 16.8 13.4 20.0

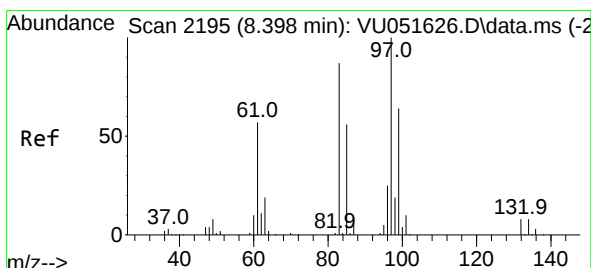
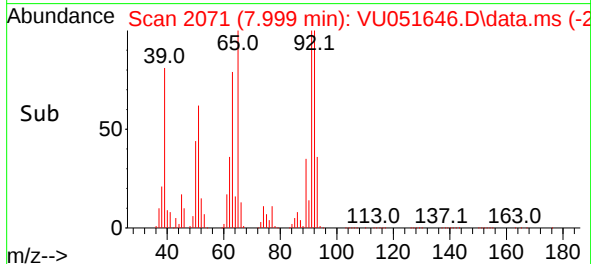
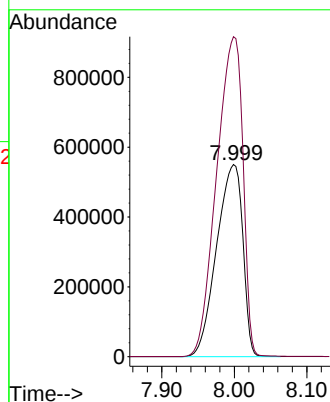
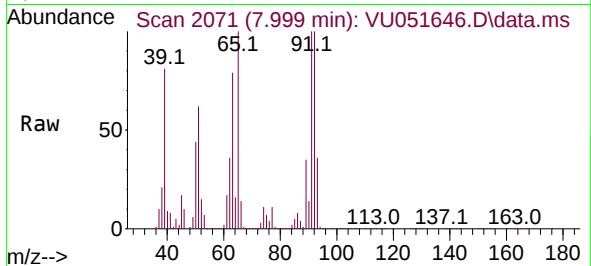




#44  
trans-1,3-Dichloropropene  
Concen: 50.685 ug/L  
RT: 7.999 min Scan# 2071  
Delta R.T. -0.209 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

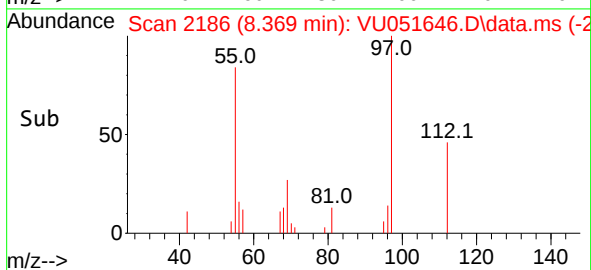
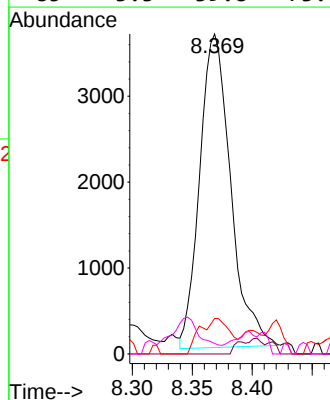
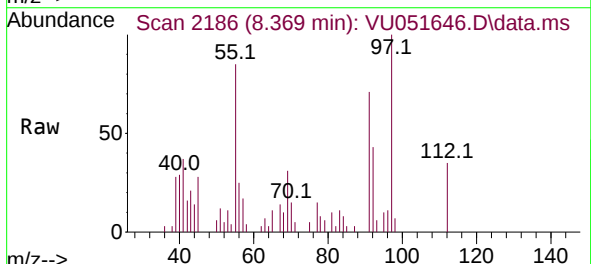
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

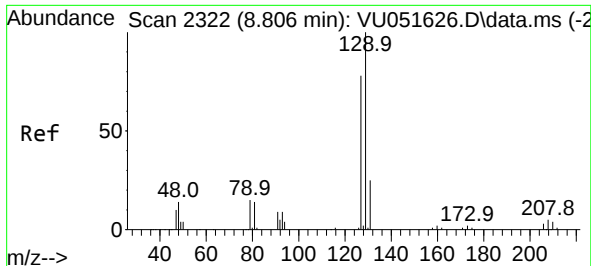
Tgt Ion: 75 Resp: 1379407  
Ion Ratio Lower Upper  
75 100  
77 166.6 21.8 40.6#



#45  
1,1,2-Trichloroethane  
Concen: 0.353 ug/L  
RT: 8.369 min Scan# 2186  
Delta R.T. -0.029 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 97 Resp: 6561  
Ion Ratio Lower Upper  
97 100  
99 0.0 43.4 80.6#  
83 11.1 61.3 113.9#  
85 3.3 39.8 73.8#





#49

Dibromochloromethane

Concen: 0.070 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

Instrument :

MSVOA\_U

ClientSampleId :

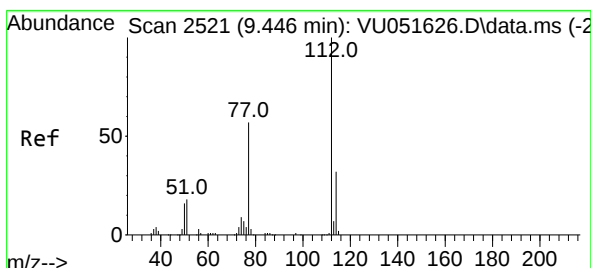
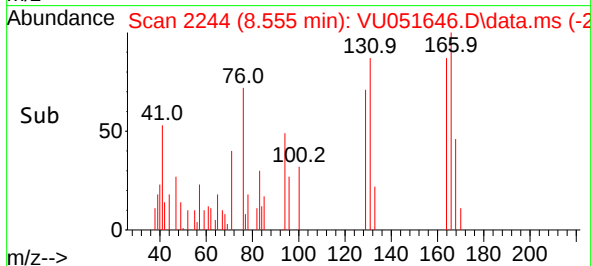
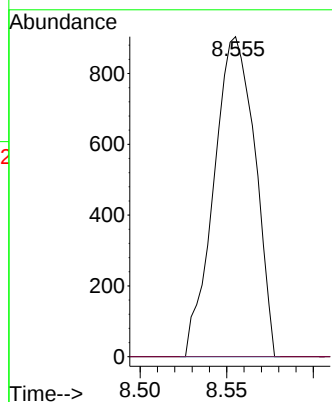
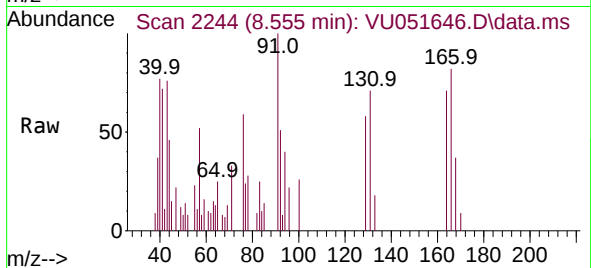
BHAA5

Tgt Ion:129 Resp: 1487

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#51

Chlorobenzene

Concen: 94.399 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

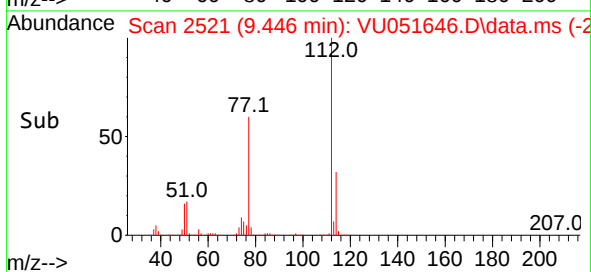
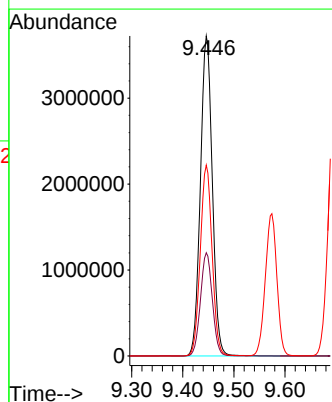
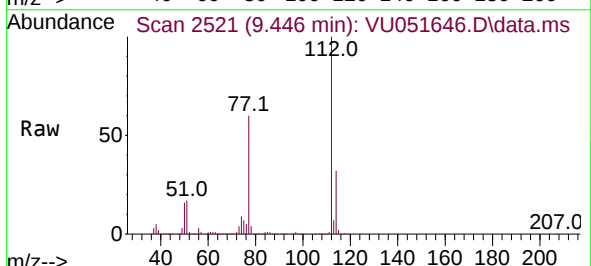
Tgt Ion:112 Resp: 6021955

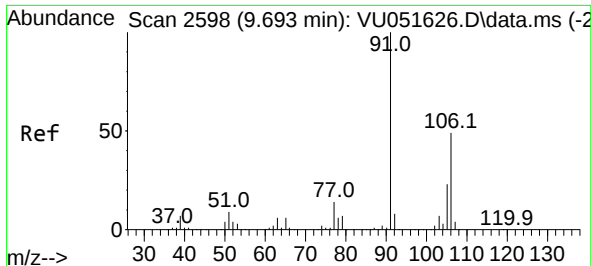
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 59.7 46.7 70.1

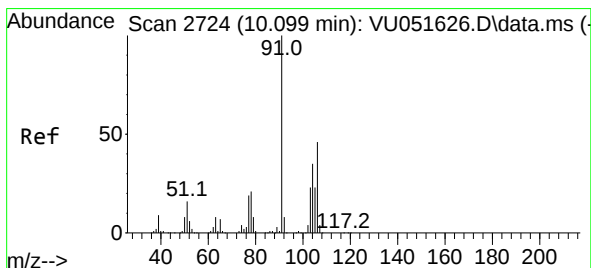
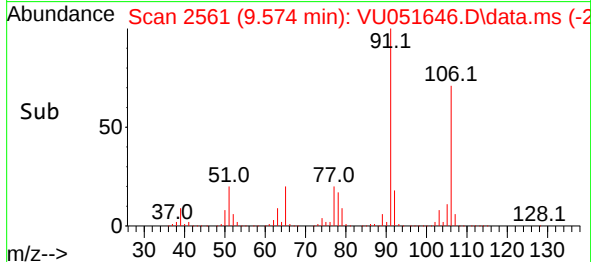
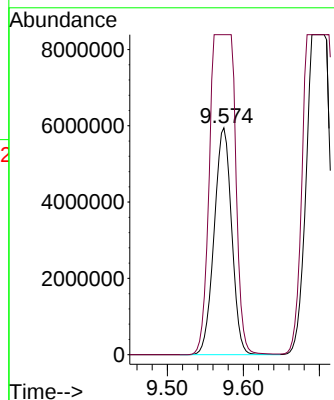
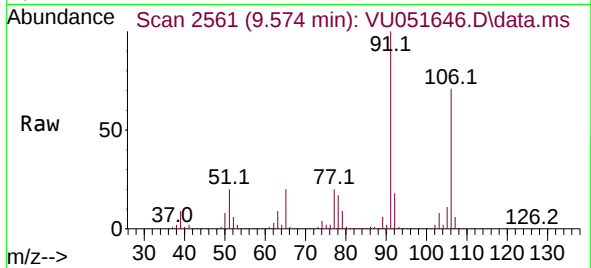




#53  
m,p-Xylene  
Concen: 249.579 ug/L  
RT: 9.574 min Scan# 21  
Delta R.T. -0.119 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

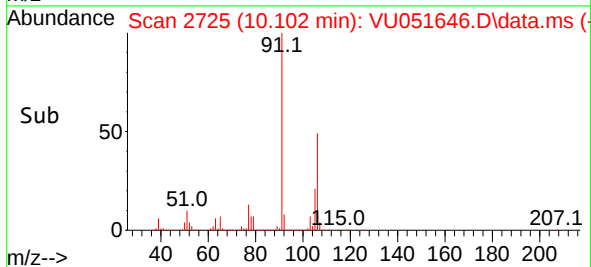
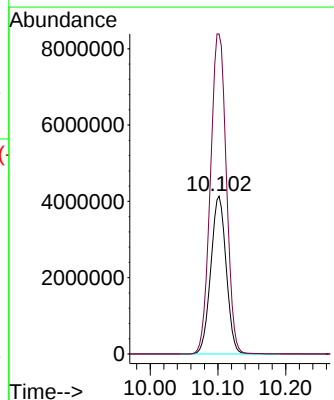
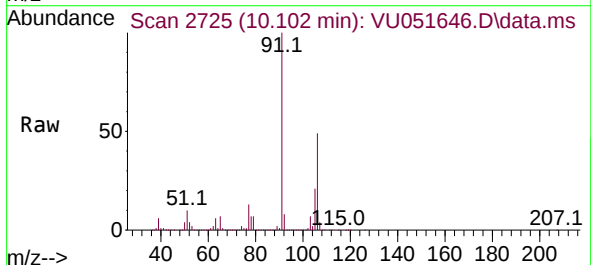
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

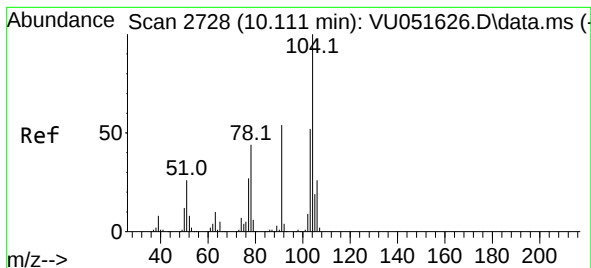
Tgt Ion:106 Resp: 9480516  
Ion Ratio Lower Upper  
106 100  
91 141.0 139.4 259.0



#54  
o-Xylene  
Concen: 175.106 ug/L  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion:106 Resp: 6500643  
Ion Ratio Lower Upper  
106 100  
91 202.7 149.2 277.2





#55

Styrene

Concen: 5.091 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.010 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

Instrument :

MSVOA\_U

ClientSampleId :

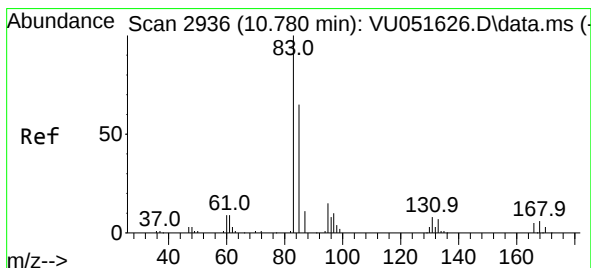
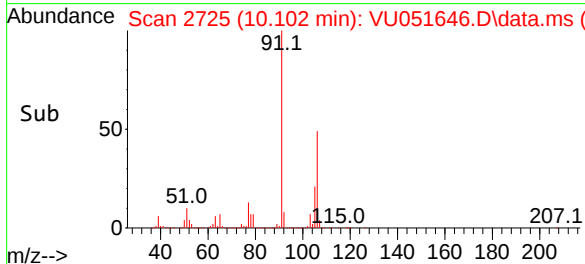
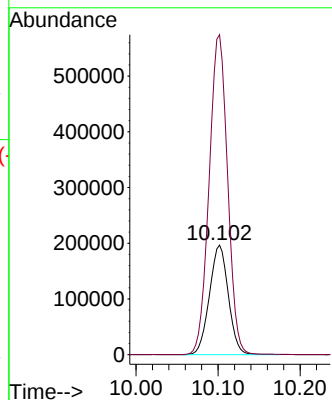
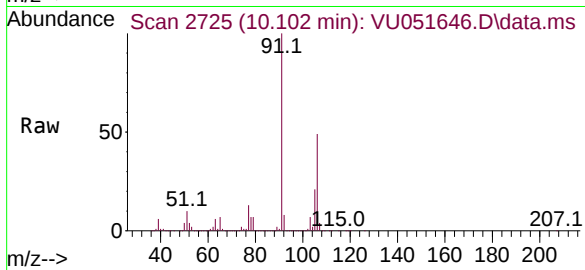
BHAA5

Tgt Ion:104 Resp: 315966

Ion Ratio Lower Upper

104 100

78 292.1 31.8 59.0#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.201 ug/L

RT: 10.799 min Scan# 2942

Delta R.T. 0.019 min

Lab File: VU051646.D

Acq: 01 Nov 2022 06:13

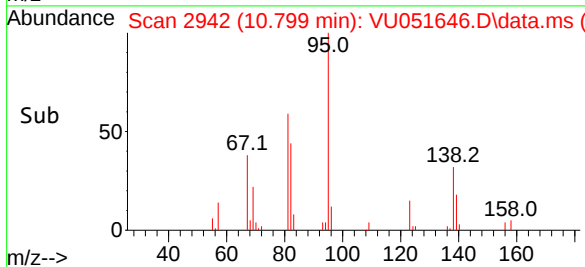
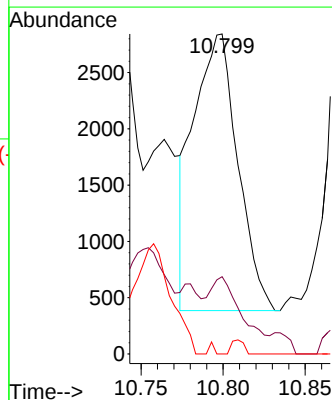
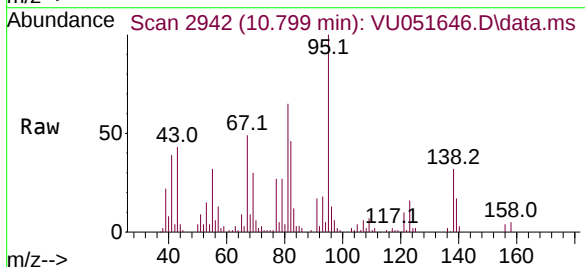
Tgt Ion: 83 Resp: 4625

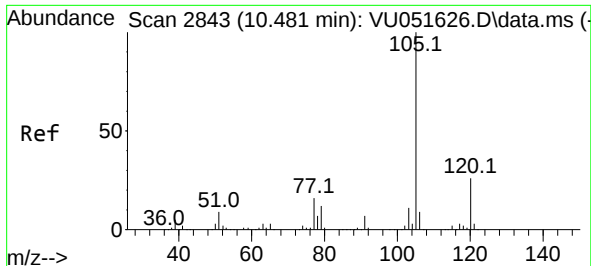
Ion Ratio Lower Upper

83 100

85 24.2 44.9 83.5#

131 0.0 7.8 11.8#

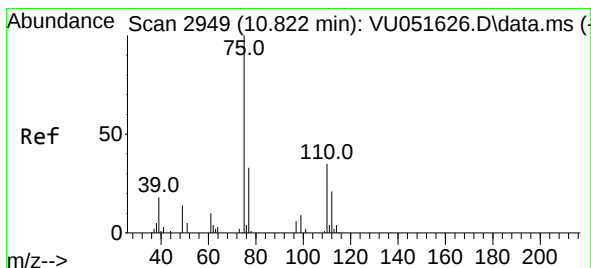
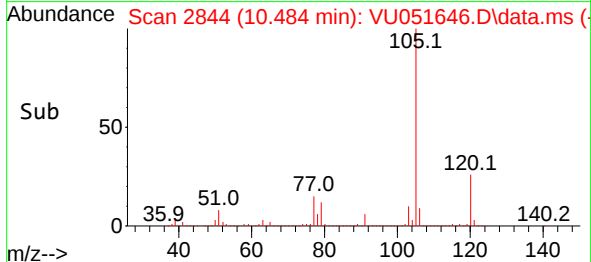
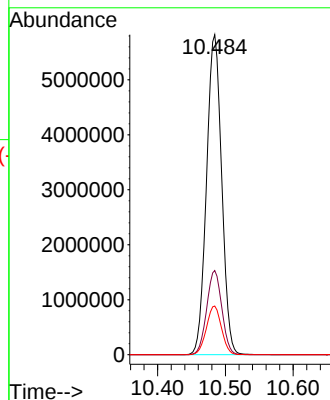
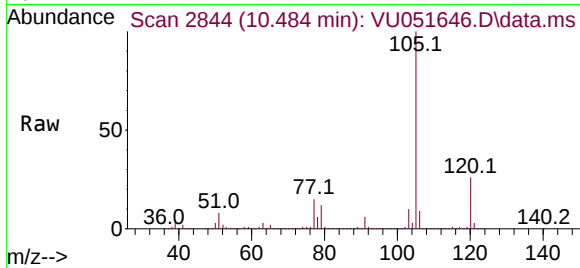




#60  
Isopropylbenzene  
Concen: 92.582 ug/L  
RT: 10.484 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

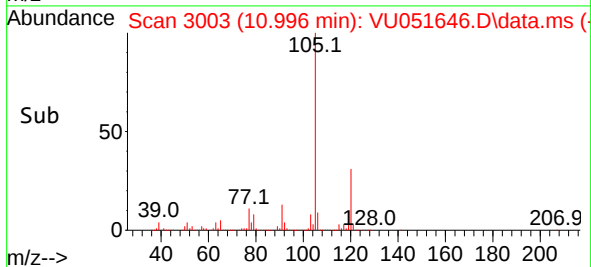
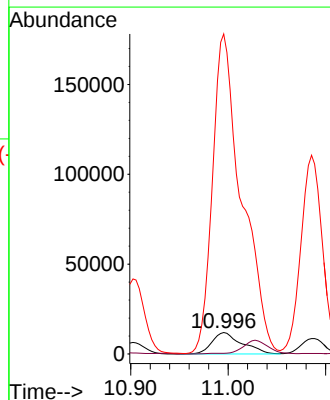
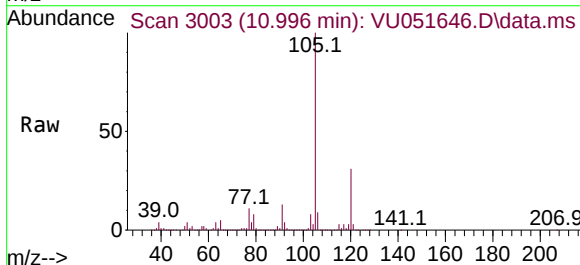
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

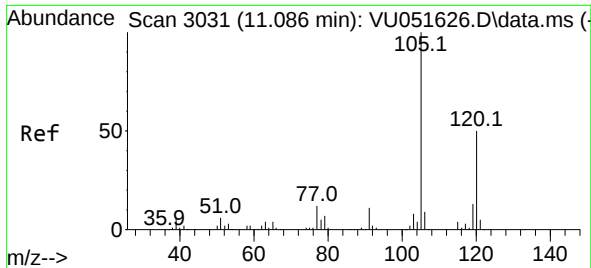
Tgt Ion:105 Resp: 9023237  
Ion Ratio Lower Upper  
105 100  
120 26.3 20.9 31.3  
77 15.1 12.3 18.5



#61  
1,2,3-Trichloropropane  
Concen: 1.478 ug/L  
RT: 10.996 min Scan# 3003  
Delta R.T. 0.174 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 75 Resp: 25517  
Ion Ratio Lower Upper  
75 100  
110 54.7 28.7 43.1#  
77 1452.6 26.1 39.1#

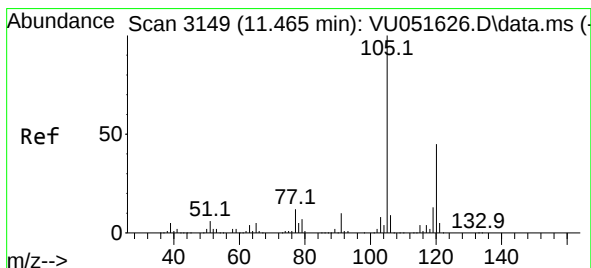
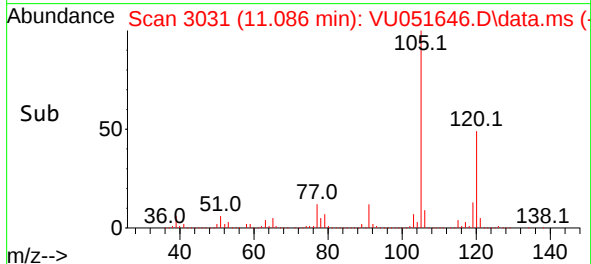
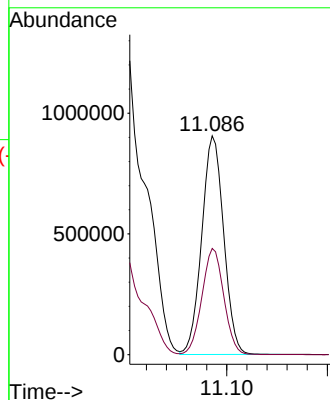
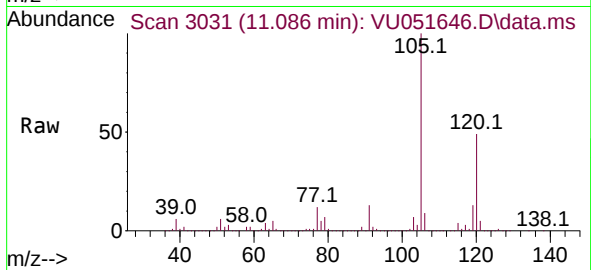




#62  
1,3,5-Trimethylbenzene  
Concen: 52.261 ug/L  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

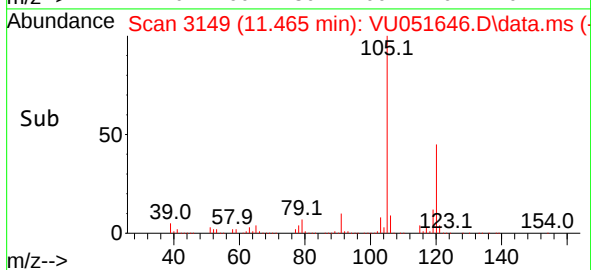
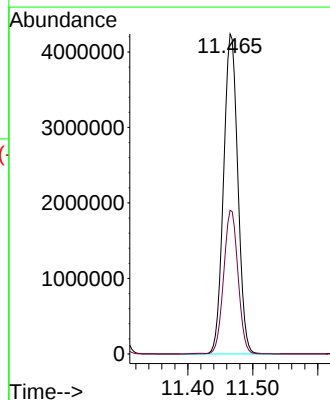
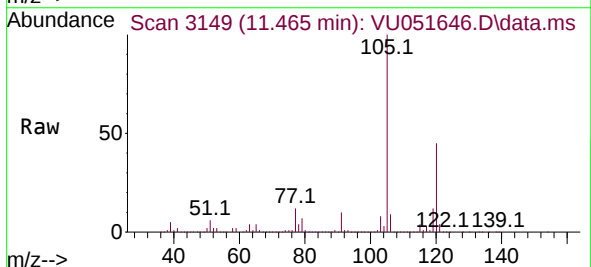
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

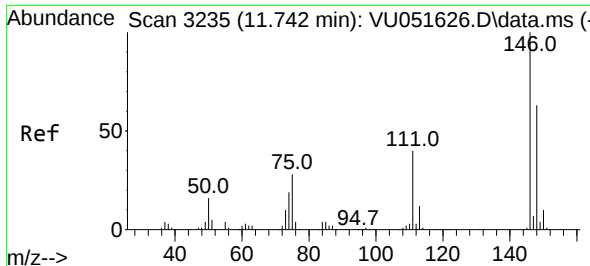
Tgt Ion:105 Resp: 1371222  
Ion Ratio Lower Upper  
105 100  
120 48.4 38.6 57.8



#63  
1,2,4-Trimethylbenzene  
Concen: 84.909 ug/L  
RT: 11.465 min Scan# 3149  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion:105 Resp: 6423841  
Ion Ratio Lower Upper  
105 100  
120 45.1 35.8 53.6

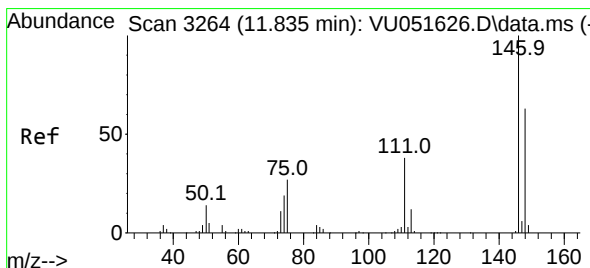
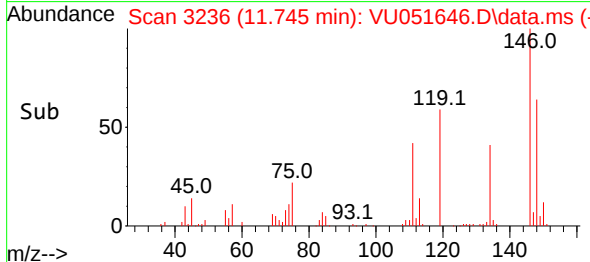
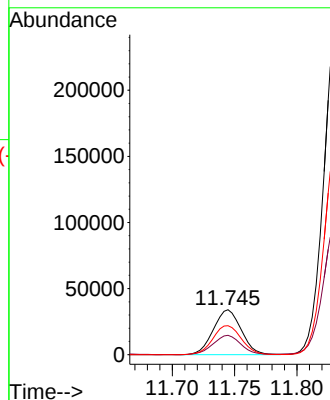
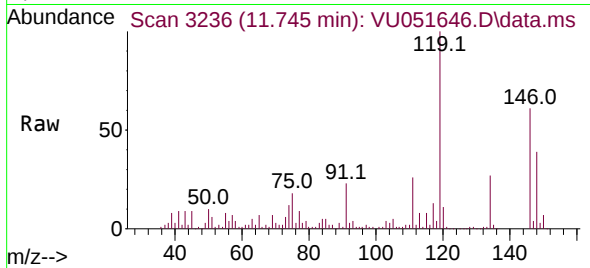




#64  
1,3-Dichlorobenzene  
Concen: 1.093 ug/L  
RT: 11.745 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

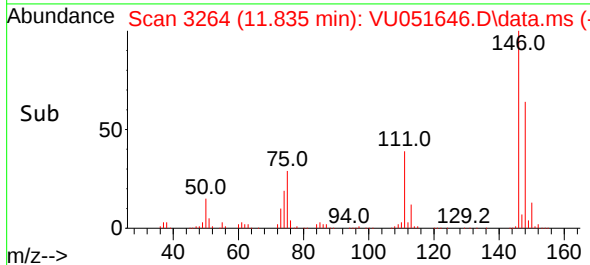
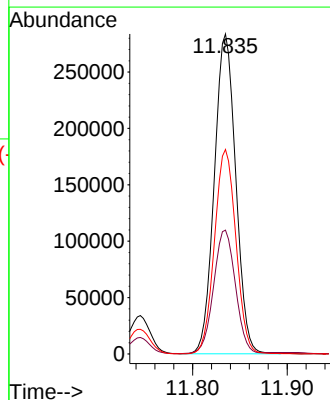
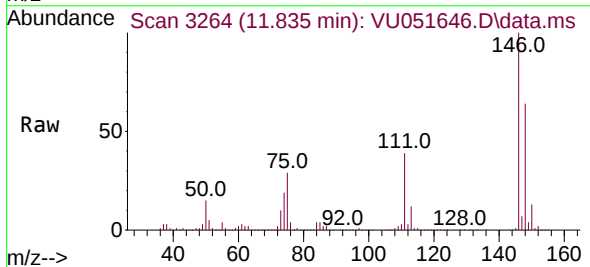
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

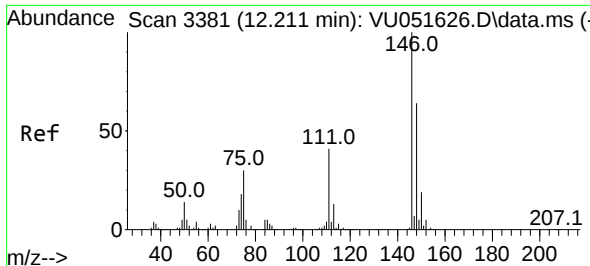
Tgt Ion:146 Resp: 53014  
Ion Ratio Lower Upper  
146 100  
111 42.9 28.6 53.2  
148 64.3 44.7 82.9



#65  
1,4-Dichlorobenzene  
Concen: 9.176 ug/L  
RT: 11.835 min Scan# 3264  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion:146 Resp: 446408  
Ion Ratio Lower Upper  
146 100  
111 38.7 26.7 49.5  
148 63.9 43.5 80.9

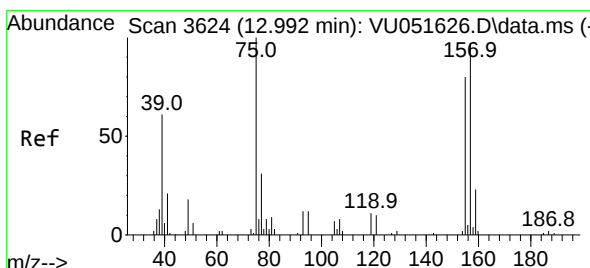
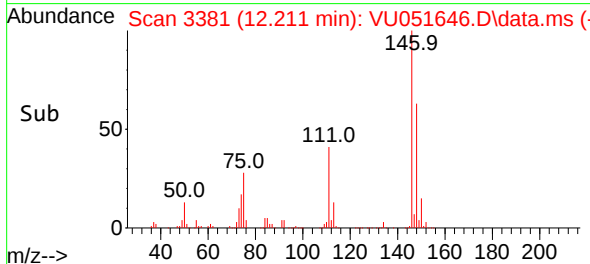
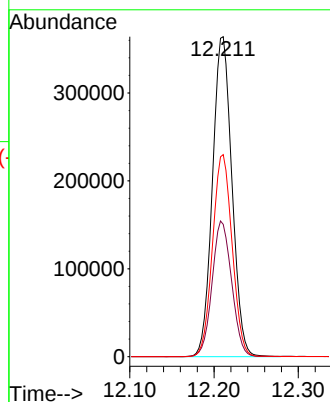
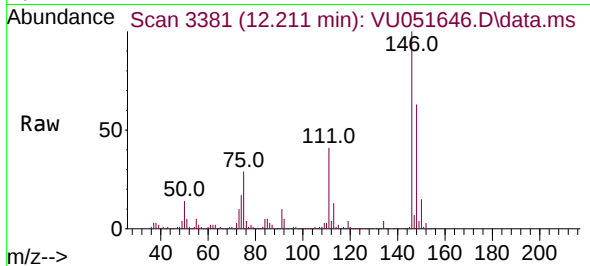




#67  
1,2-Dichlorobenzene  
Concen: 12.344 ug/L  
RT: 12.211 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

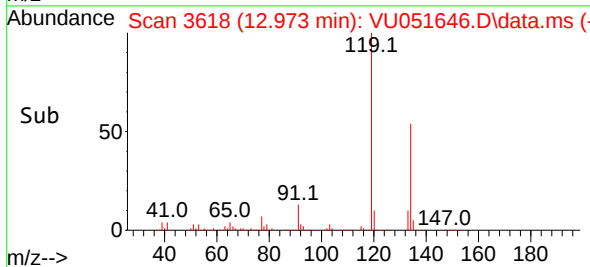
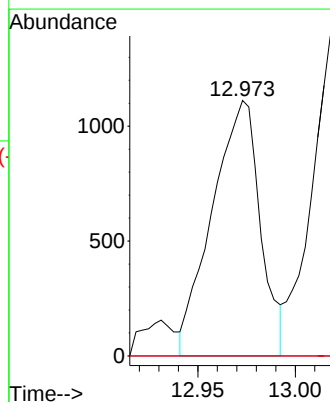
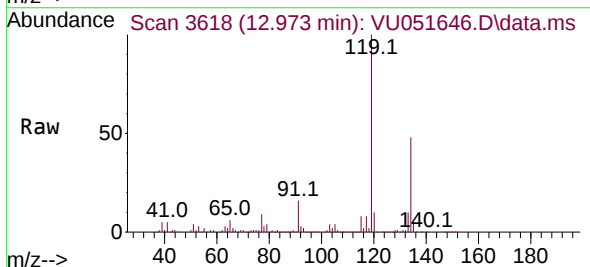
Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

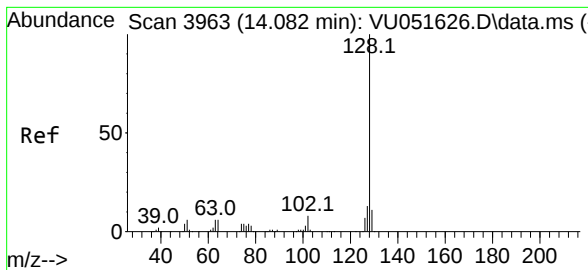
Tgt Ion:146 Resp: 583395  
Ion Ratio Lower Upper  
146 100  
111 41.4 34.2 51.2  
148 63.1 50.1 75.1



#68  
1,2-Dibromo-3-chloropropane  
Concen: 0.536 ug/L  
RT: 12.973 min Scan# 3618  
Delta R.T. -0.019 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Tgt Ion: 75 Resp: 1907  
Ion Ratio Lower Upper  
75 100  
155 0.0 61.4 92.2#  
157 0.0 86.7 130.1#





#71  
Naphthalene  
Concen: 9.378 ug/L  
RT: 14.082 min Scan# 3963  
Delta R.T. -0.000 min  
Lab File: VU051646.D  
Acq: 01 Nov 2022 06:13

Instrument :  
MSVOA\_U  
ClientSampleId :  
BHAA5

Tgt Ion:128 Resp: 464797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.3  | 8.4   | 12.6  |
| 127 | 12.3  | 10.3  | 15.5  |

