

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092521\  
 Data File : VU044820.D  
 Acq On : 24 Sep 2021 19:19  
 Operator : SY/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 9/27/2021 11:02:30 AM

Quant Time: Sep 25 00:57:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 00:57:07 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|------------------------------|--------|------|----------|--------|--------|----------|
| -----                        |        |      |          |        |        |          |
| Internal Standards           |        |      |          |        |        |          |
| 1) Pentafluorobenzene        | 5.378  | 168  | 138337   | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114  | 253014   | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117  | 240542   | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.815 | 152  | 103826   | 50.000 | ug/l   | 0.00     |
|                              |        |      |          |        |        |          |
| System Monitoring Compounds  |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount 50.000         |        |      | Recovery | =      | 0.000% |          |
| 35) Dibromofluoromethane     | 0.000  | 113  | 0d       | 0.000  | ug/l   |          |
| Spiked Amount 50.000         |        |      | Recovery | =      | 0.000% |          |
| 50) Toluene-d8               | 0.000  | 98   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount 50.000         |        |      | Recovery | =      | 0.000% |          |
| 62) 4-Bromofluorobenzene     | 0.000  | 95   | 0d       | 0.000  | ug/l   |          |
| Spiked Amount 50.000         |        |      | Recovery | =      | 0.000% |          |
|                              |        |      |          |        |        |          |
| Target Compounds             |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 1620     | 0.843  | ug/l   | 93       |
| 3) Chloromethane             | 1.520  | 50   | 3183     | 1.224  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.607  | 62   | 2361     | 1.003  | ug/l # | 73       |
| 6) Chloroethane              | 1.932  | 64   | 2764     | 1.824  | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 2.141  | 101  | 2963     | 1.044  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.378  | 74   | 1232     | 1.038  | ug/l   | 80       |
| 9) 1,1,2-Trichlorotrifluo... | 2.578  | 101  | 1669     | 0.969  | ug/l   | 94       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 1747     | 1.021  | ug/l   | 91       |
| 14) Allyl chloride           | 2.928  | 41   | 3348     | 1.041  | ug/l   | 97       |
| 15) Acrylonitrile            | 3.321  | 53   | 7127     | 5.602  | ug/l   | 97       |
| 16) Acetone                  | 2.629  | 43   | 8107     | 6.125  | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.796  | 76   | 4960     | 0.920  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.954  | 43   | 4750     | 1.523  | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 5893     | 1.091  | ug/l   | 96       |
| 20) Methylene Chloride       | 3.050  | 84   | 2808     | 1.250  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 1729     | 0.919  | ug/l   | 87       |
| 22) Diisopropyl ether        | 4.002  | 45   | 5651     | 0.999  | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.964  | 43   | 22375    | 4.278  | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 3.874  | 63   | 3535     | 0.959  | ug/l # | 93       |
| 25) 2-Butanone               | 4.713  | 43   | 10023    | 5.296  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.671  | 77   | 2968     | 1.030  | ug/l   | 90       |
| 27) cis-1,2-Dichloroethene   | 4.668  | 96   | 2335     | 1.100  | ug/l   | 95       |
| 28) Bromochloromethane       | 4.980  | 49   | 1905     | 1.086  | ug/l # | 95       |
| 29) Tetrahydrofuran          | 5.063  | 42   | 6005     | 5.689  | ug/l   | 98       |
| 30) Chloroform               | 5.099  | 83   | 3847     | 1.068  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97   | 3002     | 1.005  | ug/l # | 53       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 2595     | 0.921  | ug/l   | 88       |
| 37) Ethyl Acetate            | 4.809  | 43   | 4170     | 1.198  | ug/l # | 88       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 2129     | 0.837  | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.764  | 83   | 2599     | 0.853  | ug/l   | 97       |
| 40) Benzene                  | 5.777  | 78   | 8350     | 0.999  | ug/l   | 98       |
| 41) Methacrylonitrile        | 4.983  | 41   | 1712     | 0.964  | ug/l # | 93       |
| 42) 1,2-Dichloroethane       | 5.800  | 62   | 3283     | 1.092  | ug/l   | 88       |
| 43) Isopropyl Acetate        | 5.915  | 43   | 5093     | 1.036  | ug/l   | 96       |
| 44) Trichloroethene          | 6.549  | 130  | 2316     | 1.200  | ug/l   | 100      |
| 45) 1,2-Dichloropropane      | 6.796  | 63   | 2115     | 0.922  | ug/l   | 93       |

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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

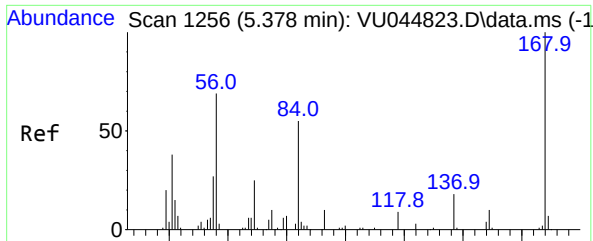
MMDadoda  
 9/27/2021 11:02:30 AM

Quant Time: Sep 25 00:57:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U092421W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 25 00:57:07 2021  
 Response via : Initial Calibration

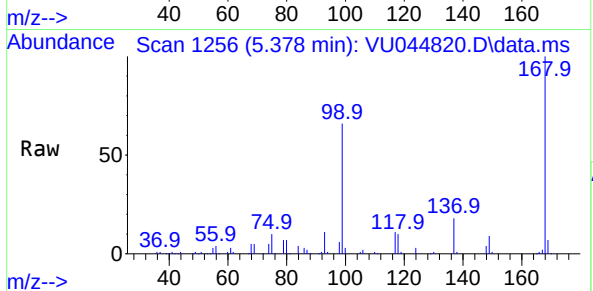
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 6.922  | 93   | 1375     | 0.931  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.111  | 83   | 2897     | 0.999  | ug/l # | 90       |
| 48) Methyl methacrylate       | 6.964  | 41   | 2279     | 0.954  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.973  | 88   | 1088     | 17.474 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 7.796  | 43   | 17066    | 4.813  | ug/l   | 97       |
| 52) Toluene                   | 7.976  | 92   | 4407     | 0.890  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 2502     | 0.795  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 2849     | 0.839  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 1993     | 0.954  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 8.343  | 69   | 2495     | 0.781  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 3579     | 0.964  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 2593     | 2.756  | ug/l   | 90       |
| 59) 2-Hexanone                | 8.687  | 43   | 13150    | 4.640  | ug/l   | 93       |
| 60) Dibromochloromethane      | 8.816  | 129  | 1796     | 0.870  | ug/l   | 92       |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 2041     | 0.928  | ug/l   | 96       |
| 64) Tetrachloroethene         | 8.555  | 164  | 1528     | 0.917  | ug/l   | 94       |
| 65) Chlorobenzene             | 9.452  | 112  | 4854     | 0.941  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 1717     | 0.951  | ug/l # | 61       |
| 67) Ethyl Benzene             | 9.574  | 91   | 7509     | 0.812  | ug/l   | 97       |
| 68) m/p-Xylenes               | 9.697  | 106  | 5684     | 1.641  | ug/l   | 95       |
| 69) o-Xylene                  | 10.102 | 106  | 2671     | 0.811  | ug/l   | 93       |
| 70) Styrene                   | 10.118 | 104  | 3998     | 0.701  | ug/l   | 96       |
| 71) Bromoform                 | 10.295 | 173  | 1229     | 0.807  | ug/l # | 60       |
| 73) Isopropylbenzene          | 10.487 | 105  | 6696     | 0.951  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 3064     | 0.942  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 3693     | 1.200  | ug/l   | 93       |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 3257m    | 0.954  | ug/l   |          |
| 77) Bromobenzene              | 10.787 | 156  | 1722     | 0.975  | ug/l   | 90       |
| 78) n-propylbenzene           | 10.909 | 91   | 7780     | 0.854  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 5040     | 0.933  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 5249     | 0.844  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 5326     | 0.839  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.423 | 119  | 5225     | 0.893  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 4888     | 0.785  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.648 | 105  | 6066     | 0.786  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 4665     | 0.715  | ug/l   | 86       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 3330     | 0.967  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 3629m    | 0.991  | ug/l   |          |
| 89) n-Butylbenzene            | 12.214 | 91   | 4360     | 0.663  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.478 | 117  | 1076     | 1.021  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 12.217 | 146  | 3919     | 1.123  | ug/l   | 90       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.008 | 75   | 790      | 1.107  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 1685     | 0.774  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 803      | 0.712  | ug/l   | 91       |
| 95) Naphthalene               | 14.092 | 128  | 5676     | 0.803  | ug/l   | 95       |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 1765     | 0.827  | ug/l   | 98       |

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

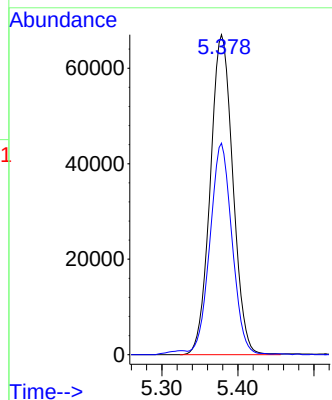
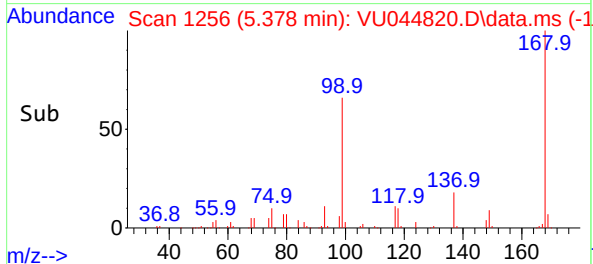




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.378 min Scan# 1256  
Delta R.T. 0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



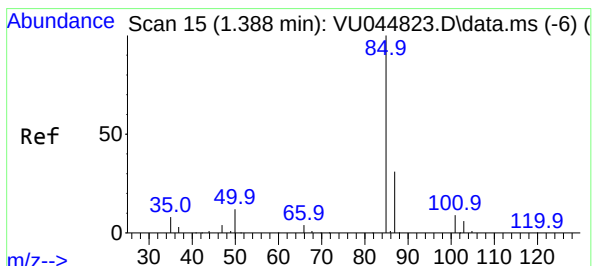
Tgt Ion:168 Resp: 138337  
Ion Ratio Lower Upper  
168 100  
99 65.8 51.4 77.0



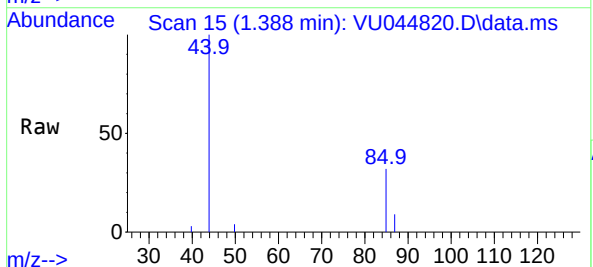
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Manual Integrations  
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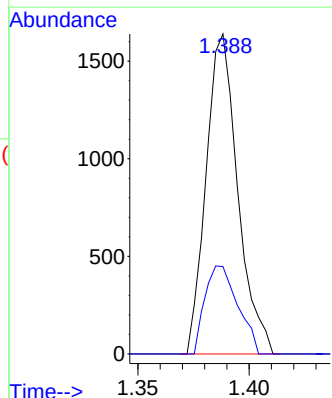
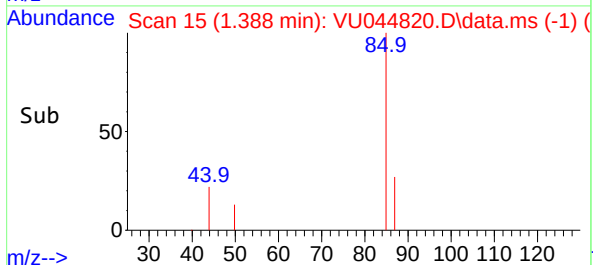
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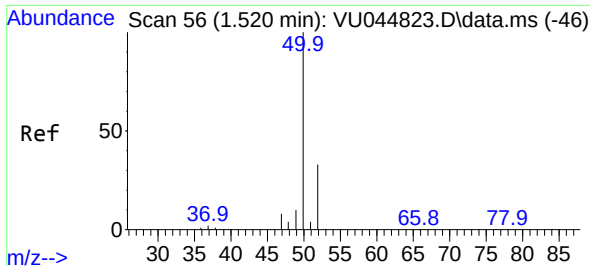


#2  
Dichlorodifluoromethane  
Concen: 0.843 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



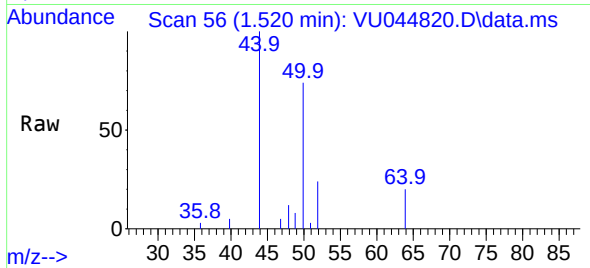
Tgt Ion: 85 Resp: 1620  
Ion Ratio Lower Upper  
85 100  
87 27.3 15.7 47.0



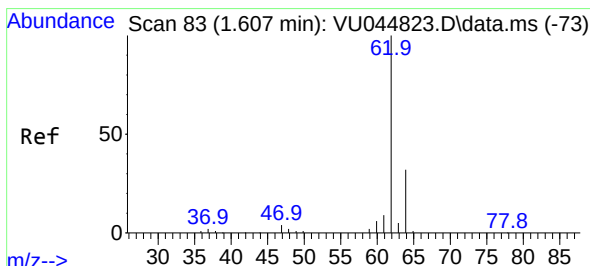
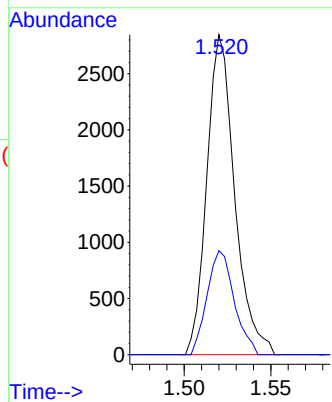
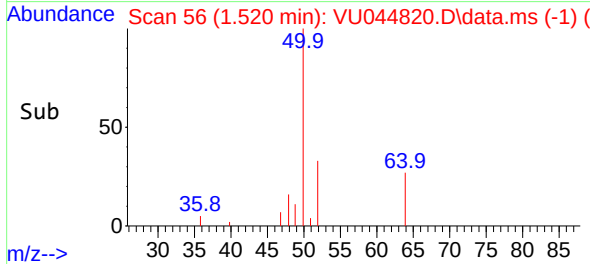


#3  
Chloromethane  
Concen: 1.224 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

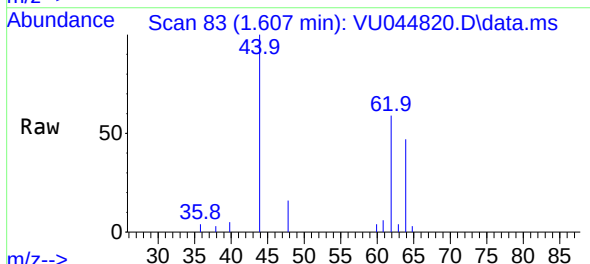
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



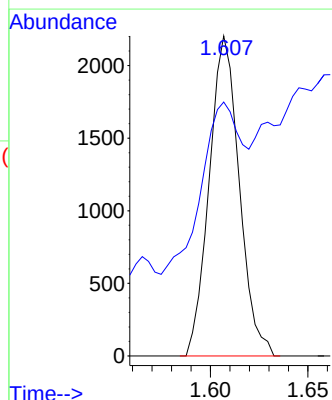
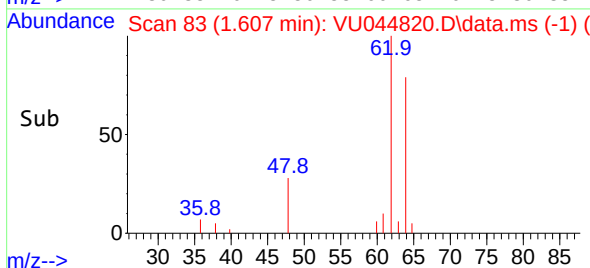
Tgt Ion: 50 Resp: 3183  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.3 39.5

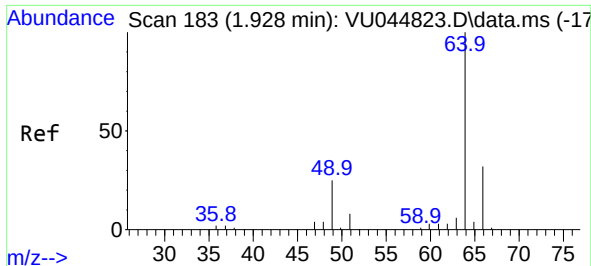


#4  
Vinyl Chloride  
Concen: 1.003 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



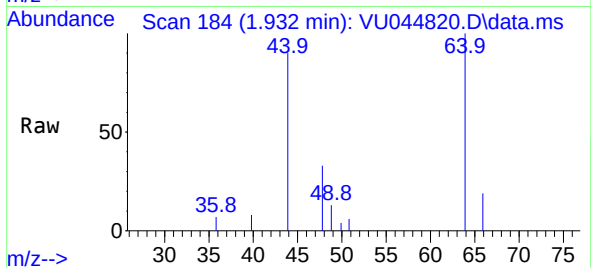
Tgt Ion: 62 Resp: 2361  
Ion Ratio Lower Upper  
62 100  
64 47.1 25.6 38.4#





#6  
Chloroethane  
Concen: 1.824 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

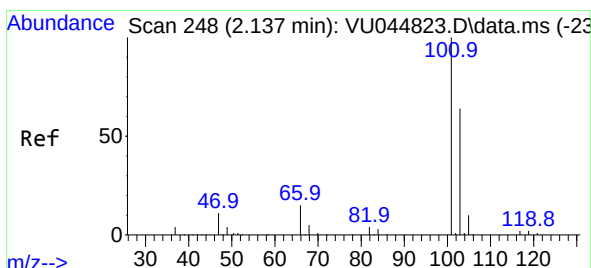
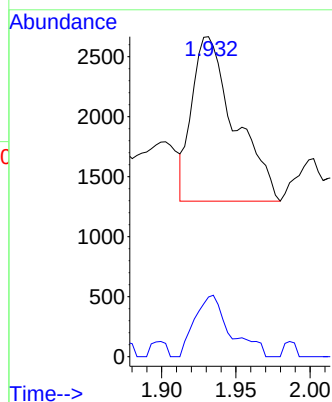
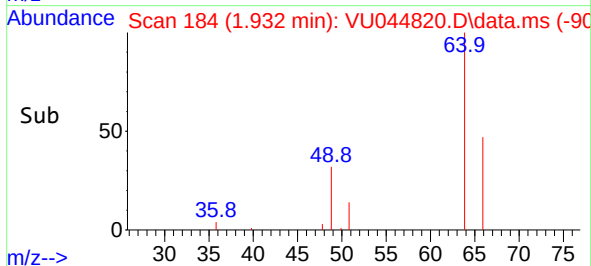
Instrument :  
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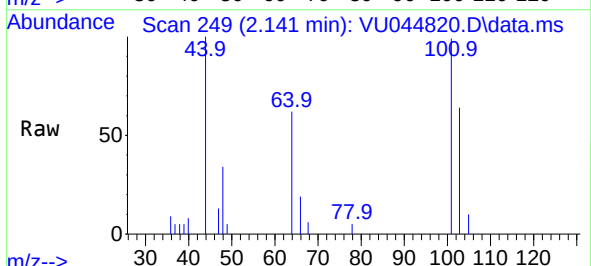
Tgt Ion: 64 Resp: 2764  
Ion Ratio Lower Upper  
64 100  
66 36.3 25.8 38.8

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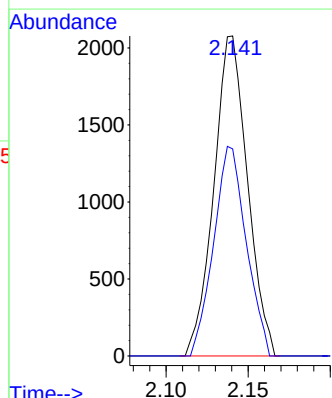
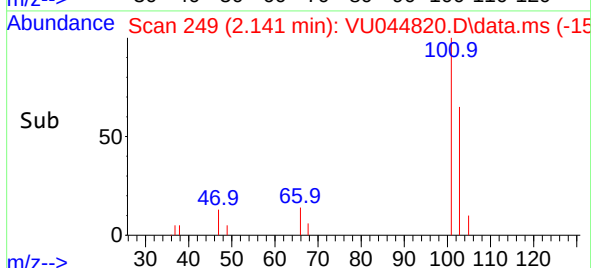
MMDadoda  
9/27/2021 11:02:30 AM

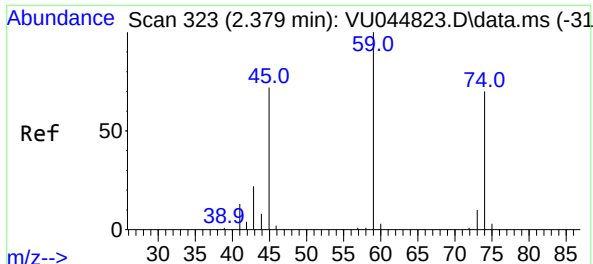


#7  
Trichlorofluoromethane  
Concen: 1.044 ug/l  
RT: 2.141 min Scan# 249  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



Tgt Ion: 101 Resp: 2963  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.2 76.8





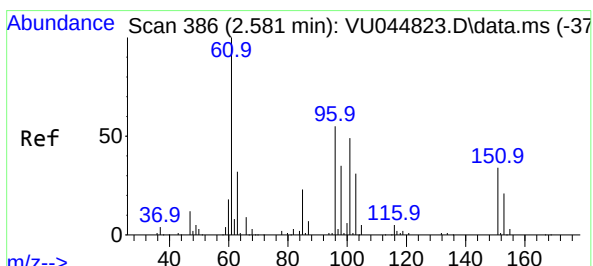
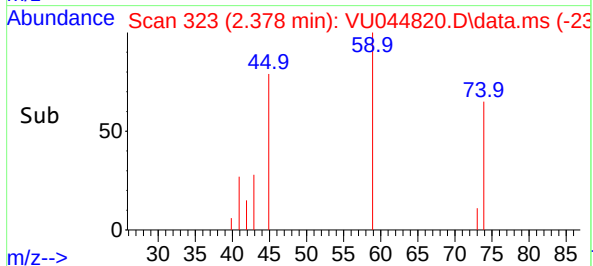
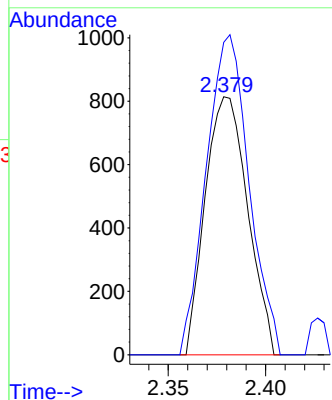
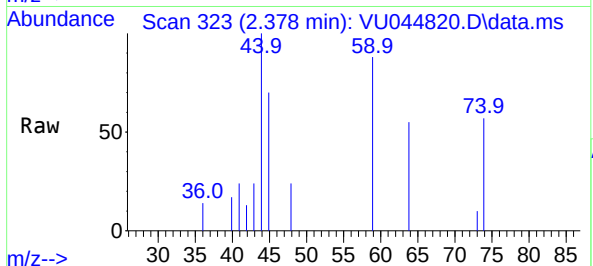
#8  
Diethyl Ether  
Concen: 1.038 ug/l  
RT: 2.378 min Scan# 323  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 74 Resp: 1232  
Ion Ratio Lower Upper  
74 100  
45 125.0 52.2 156.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

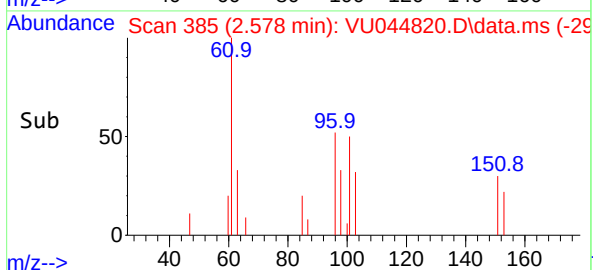
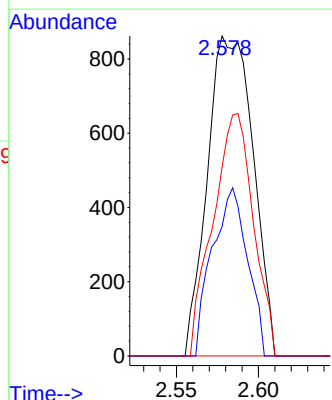
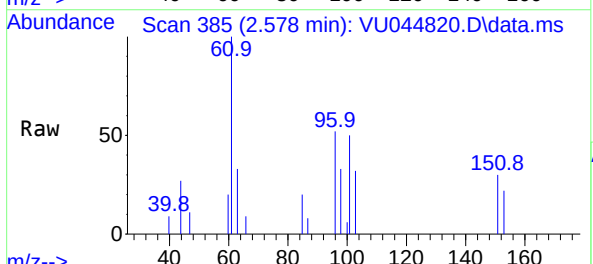
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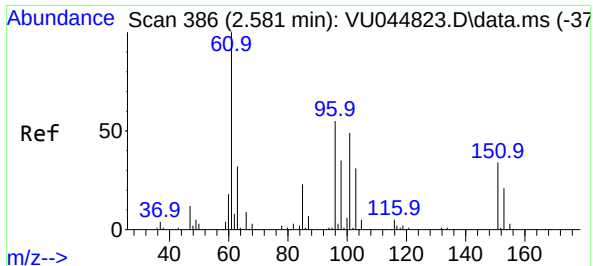
MMDadoda  
9/27/2021 11:02:30 AM



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.969 ug/l  
RT: 2.578 min Scan# 385  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 101 Resp: 1669  
Ion Ratio Lower Upper  
101 100  
85 40.4 37.2 55.8  
151 67.1 55.8 83.8





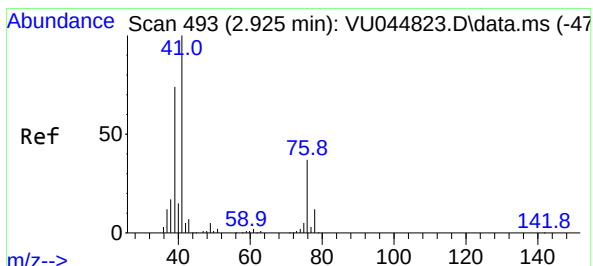
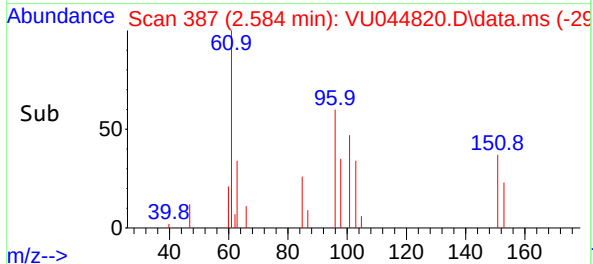
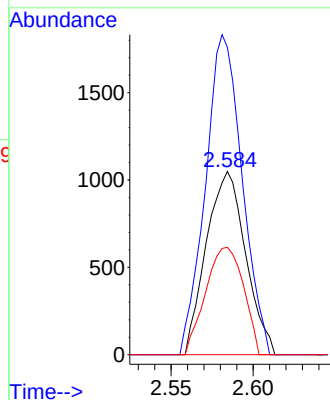
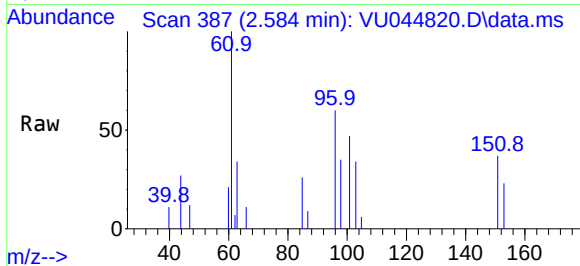
#12  
1,1-Dichloroethene  
Concen: 1.021 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1747  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 167.8 | 145.4 | 218.0 |
| 98       | 58.6  | 50.9  | 76.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

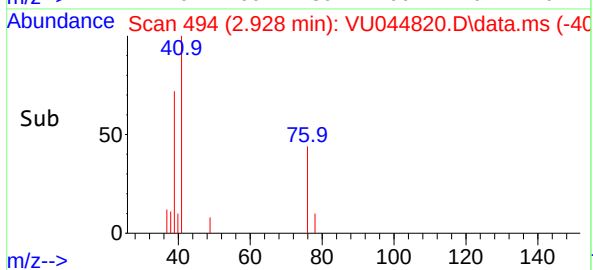
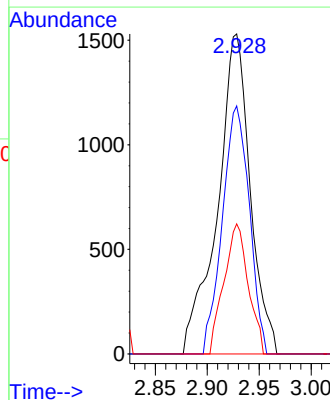
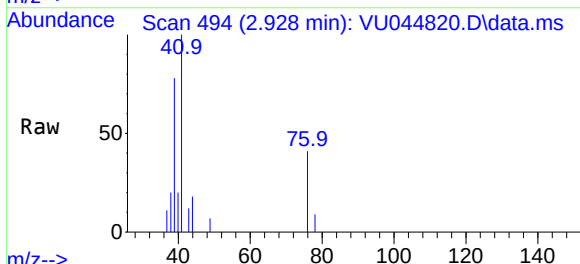
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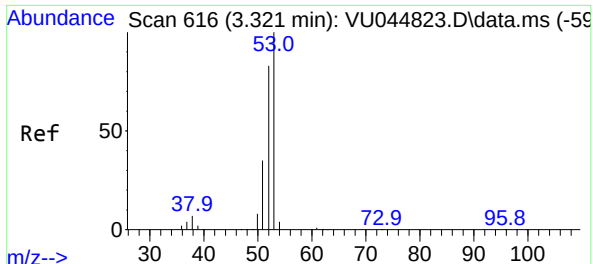


#14  
Allyl chloride  
Concen: 1.041 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

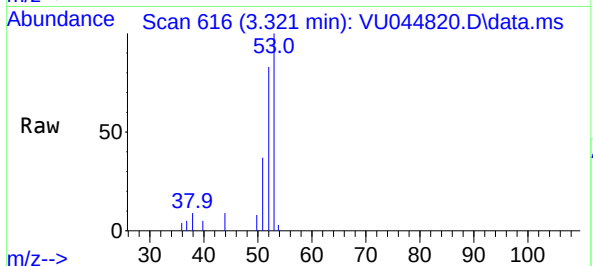
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 3348  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 63.8  | 53.0  | 79.6  |
| 76       | 30.2  | 25.7  | 38.5  |



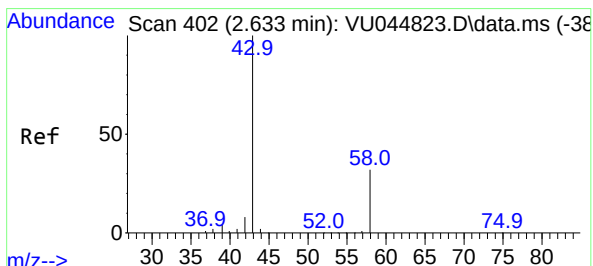
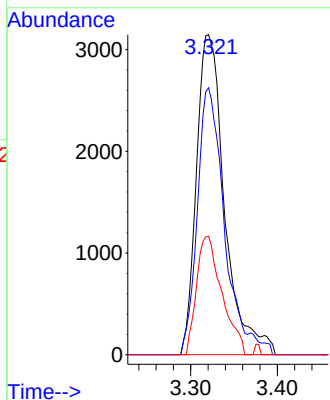
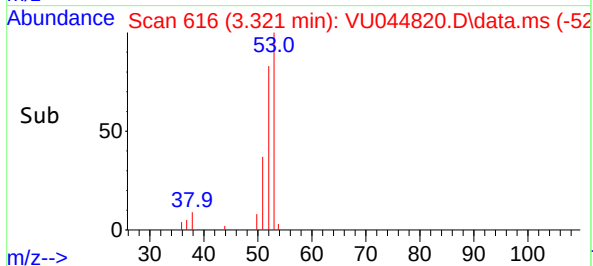




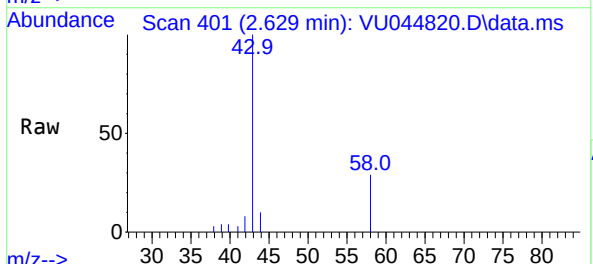
#15  
Acrylonitrile  
Concen: 5.602 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



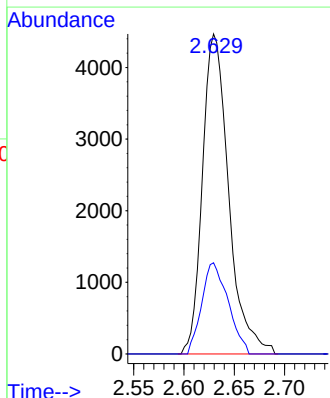
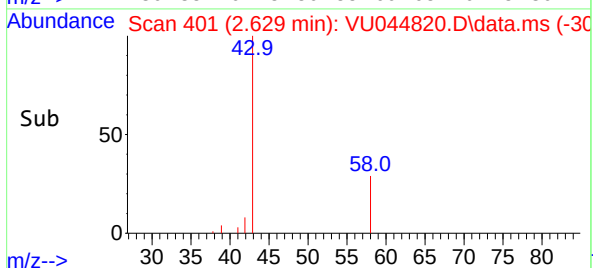
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 7127  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.7  | 66.0  | 99.0  |
| 51       | 33.3  | 28.6  | 42.8  |



#16  
Acetone  
Concen: 6.125 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



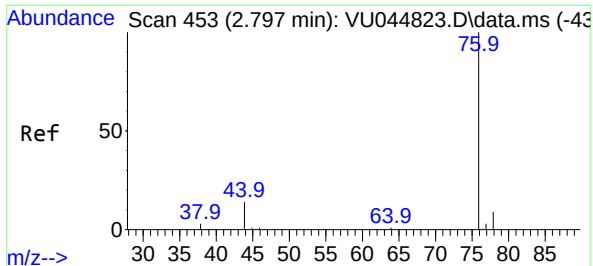
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8107  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.5  | 25.2  | 37.8  |



Instrument :  
MSVOA\_U  
ClientSampleId :  
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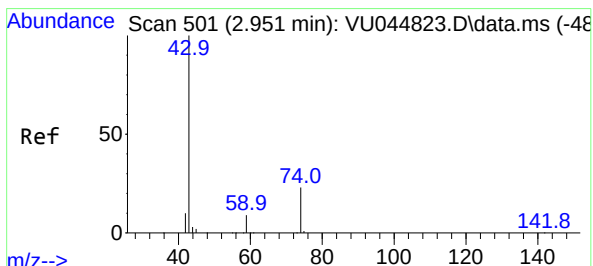
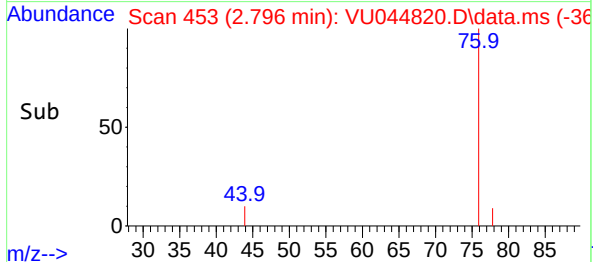
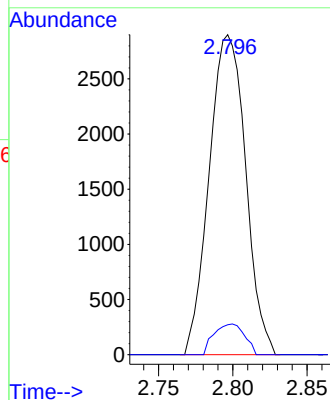
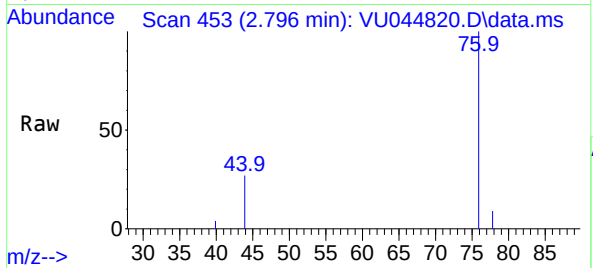
#17  
Carbon Disulfide  
Concen: 0.920 ug/l  
RT: 2.796 min Scan# 453  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 76 Resp: 4960  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

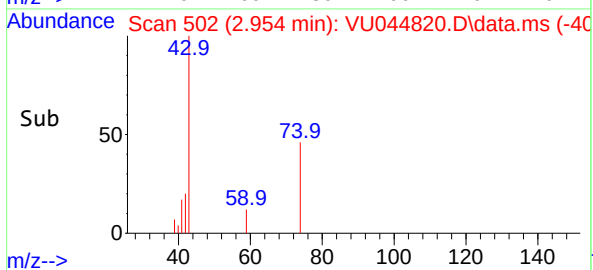
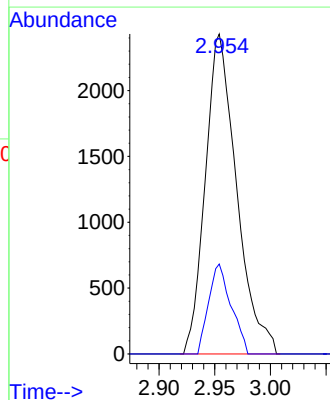
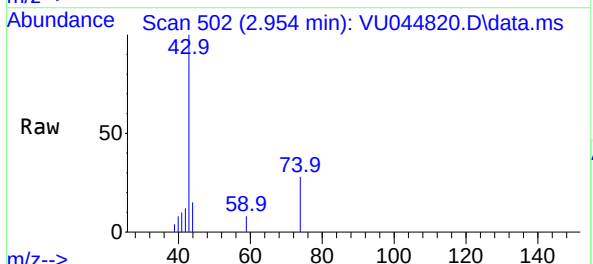
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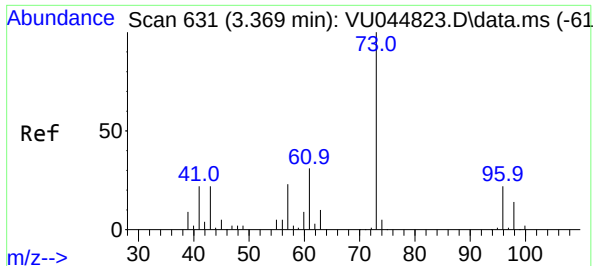
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#18  
Methyl Acetate  
Concen: 1.523 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 4750  
Ion Ratio Lower Upper  
43 100  
74 20.1 19.0 28.6





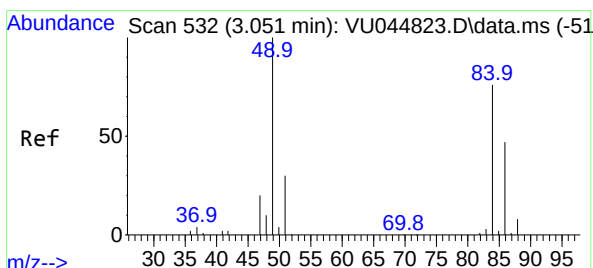
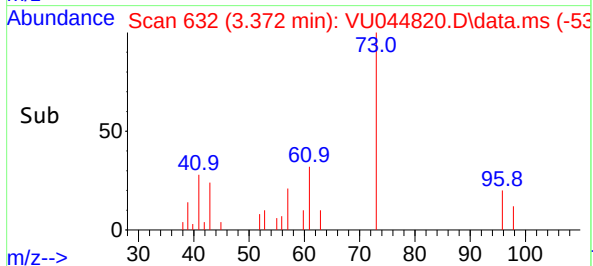
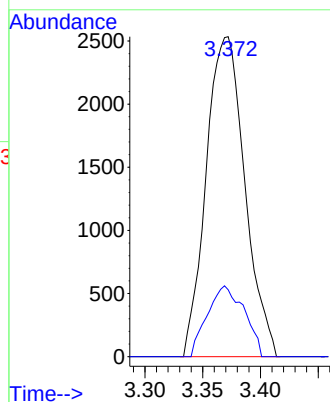
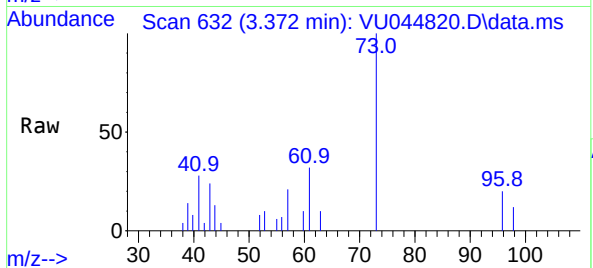
#19  
Methyl tert-butyl Ether  
Concen: 1.091 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 73 Resp: 5893  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.2 27.2

Instrument :  
MSVOA\_U  
ClientSampled :  
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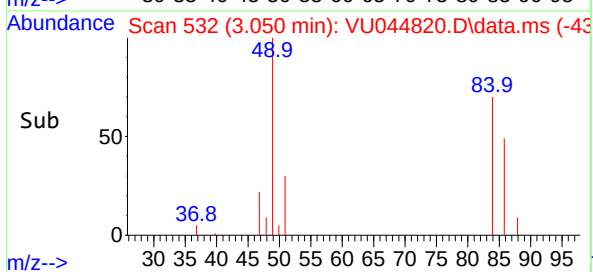
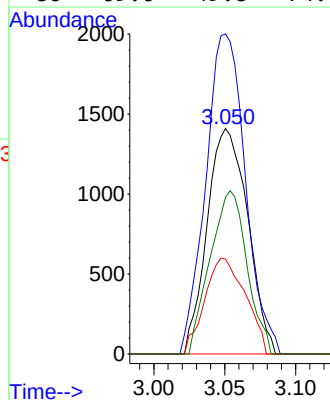
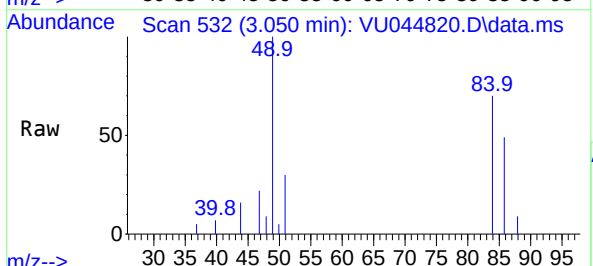
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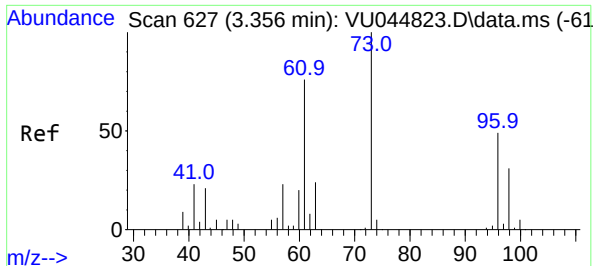
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#20  
Methylene Chloride  
Concen: 1.250 ug/l  
RT: 3.050 min Scan# 532  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 84 Resp: 2808  
Ion Ratio Lower Upper  
84 100  
49 141.9 104.9 157.3  
51 42.1 31.8 47.8  
86 69.6 49.8 74.6





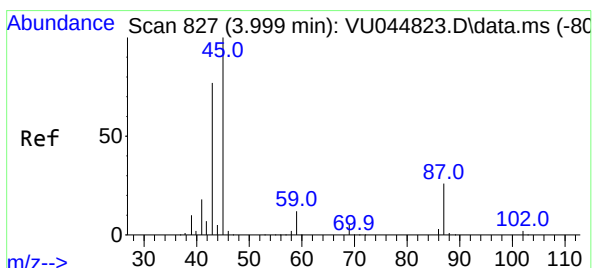
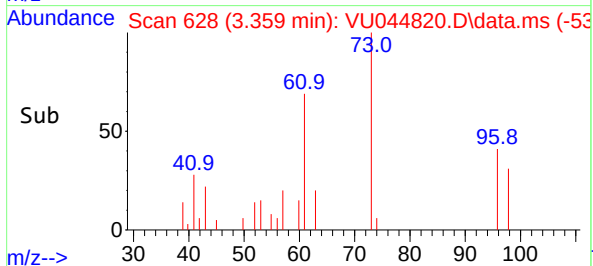
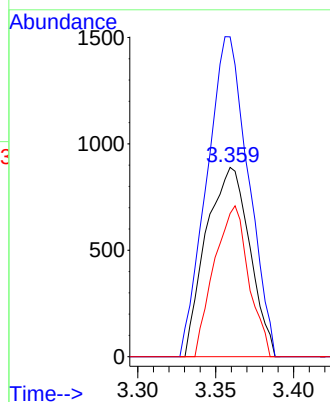
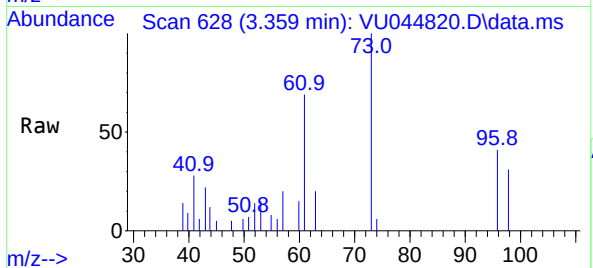
#21  
trans-1,2-Dichloroethene  
Concen: 0.919 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 96 Resp: 1729  
Ion Ratio Lower Upper  
96 100  
61 168.9 123.2 184.8  
98 75.6 51.0 76.6

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

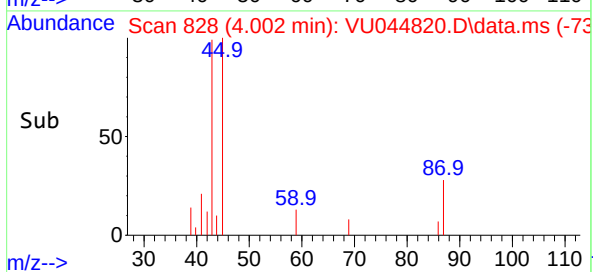
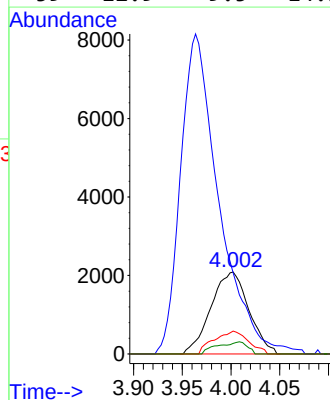
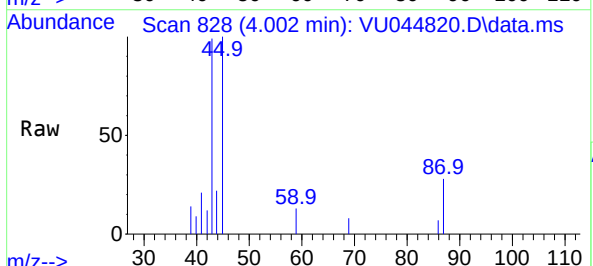
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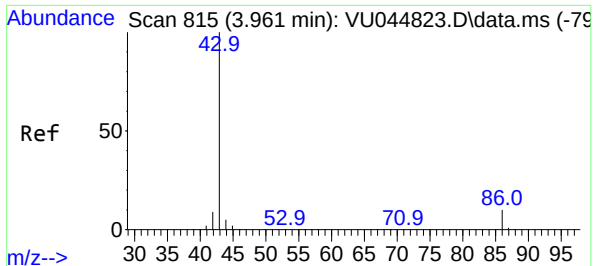
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#22  
Diisopropyl ether  
Concen: 0.999 ug/l  
RT: 4.002 min Scan# 828  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 45 Resp: 5651  
Ion Ratio Lower Upper  
45 100  
43 89.2 62.3 93.5  
87 27.9 21.0 31.4  
59 12.9 9.5 14.3





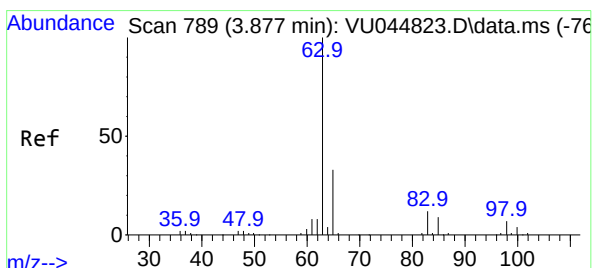
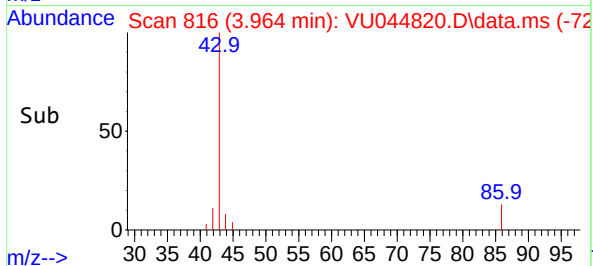
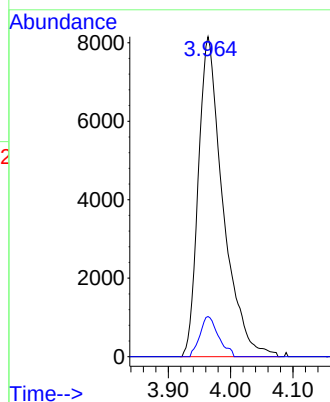
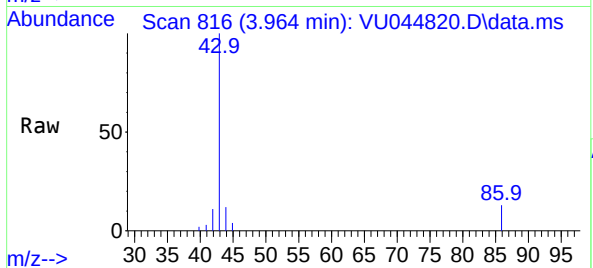
#23  
 Vinyl Acetate  
 Concen: 4.278 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. 0.003 min  
 Lab File: VU044820.D  
 Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 22375  
 Ion Ratio Lower Upper  
 43 100  
 86 12.5 8.2 12.4#

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

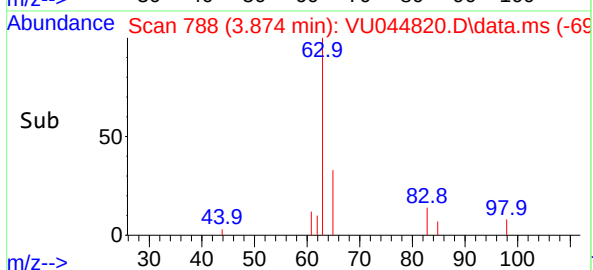
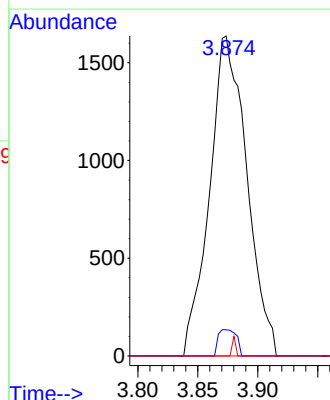
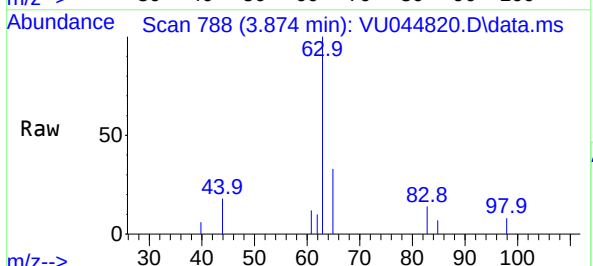
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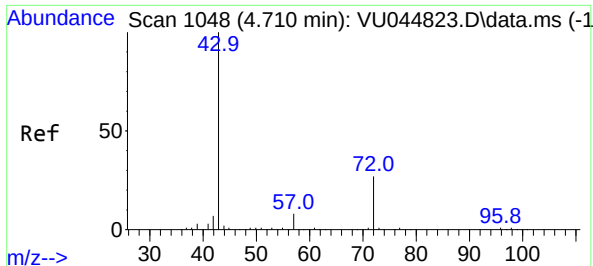
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#24  
 1,1-Dichloroethane  
 Concen: 0.959 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. -0.003 min  
 Lab File: VU044820.D  
 Acq: 24 Sep 2021 19:19

Tgt Ion: 63 Resp: 3535  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.5 10.4  
 100 0.0 2.1 6.3#





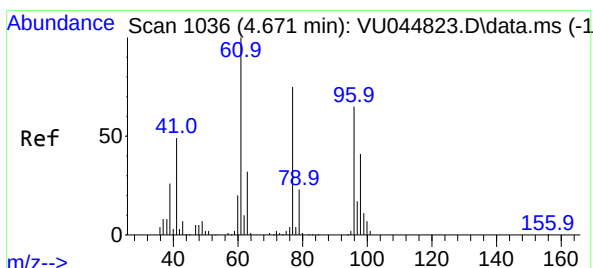
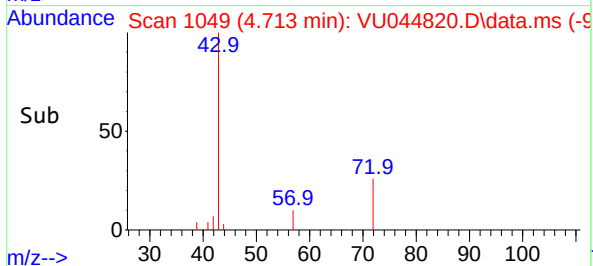
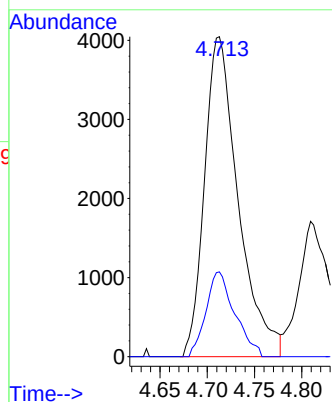
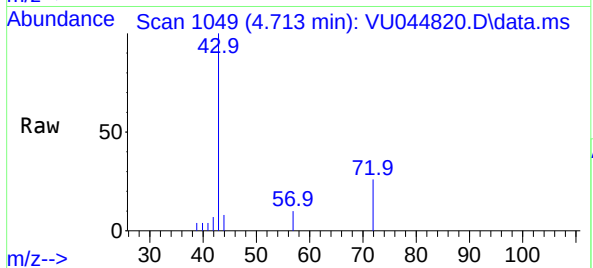
#25  
2-Butanone  
Concen: 5.296 ug/l  
RT: 4.713 min Scan# 1049  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 10023  
Ion Ratio Lower Upper  
43 100  
72 26.5 21.3 31.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

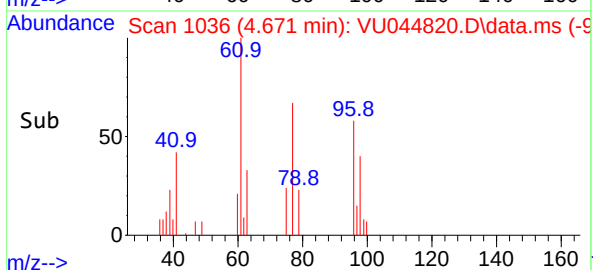
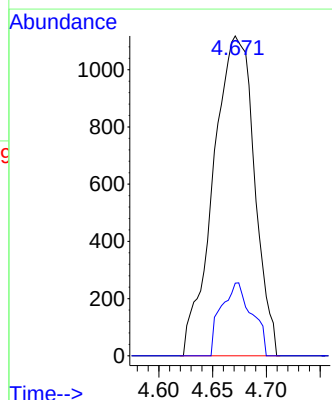
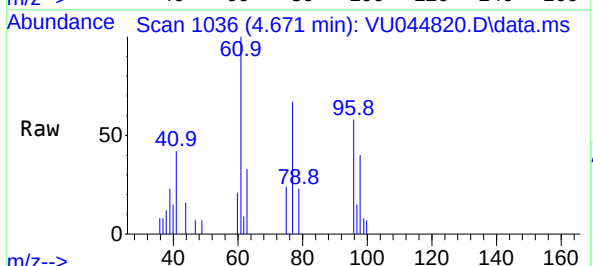
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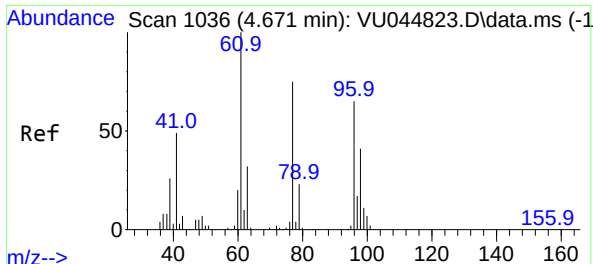
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#26  
2,2-Dichloropropane  
Concen: 1.030 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 77 Resp: 2968  
Ion Ratio Lower Upper  
77 100  
97 17.0 10.8 32.4





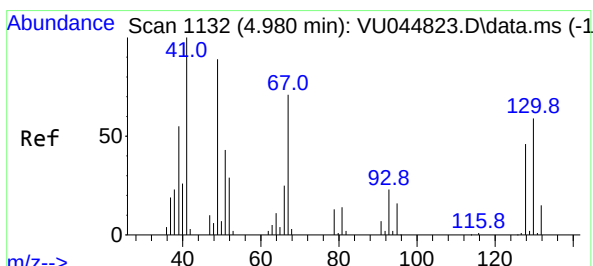
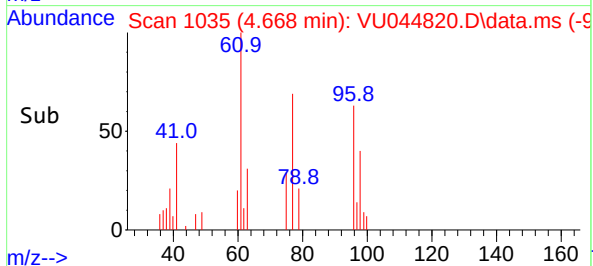
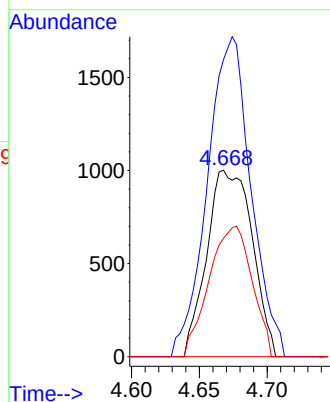
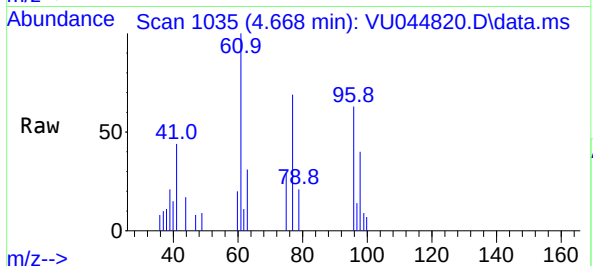
#27  
cis-1,2-Dichloroethene  
Concen: 1.100 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 2335  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 164.3 | 0.0   | 313.4 |
| 98       | 66.0  | 0.0   | 127.0 |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

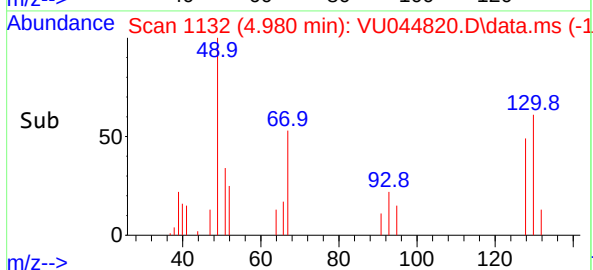
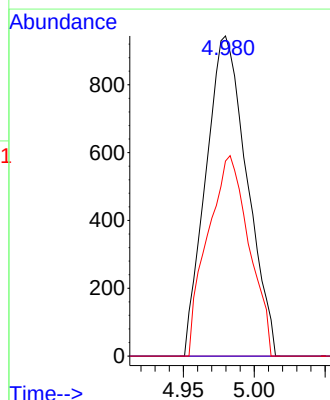
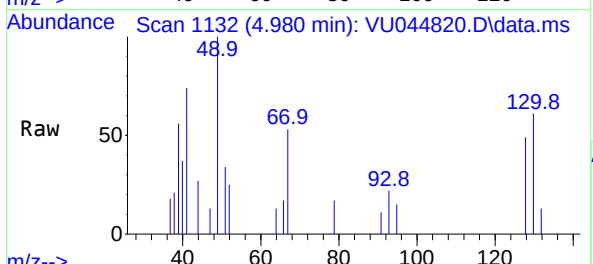
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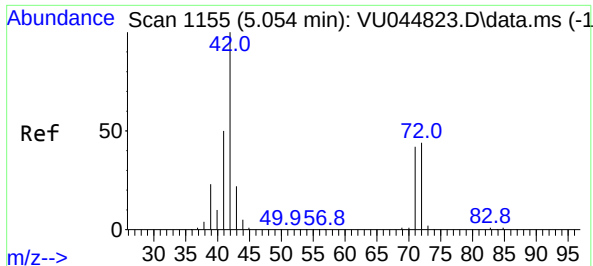
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#28  
Bromochloromethane  
Concen: 1.086 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 1905  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.2   |
| 130      | 62.8  | 53.4  | 80.2  |





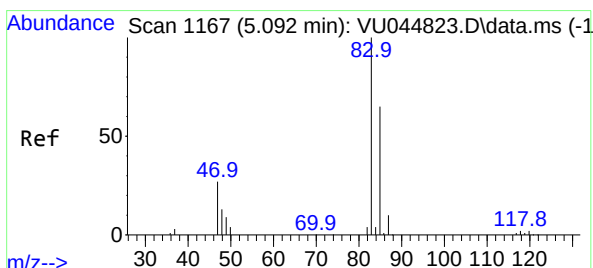
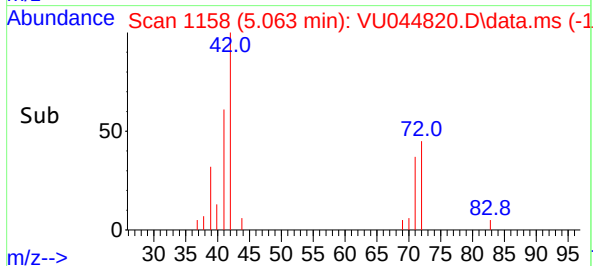
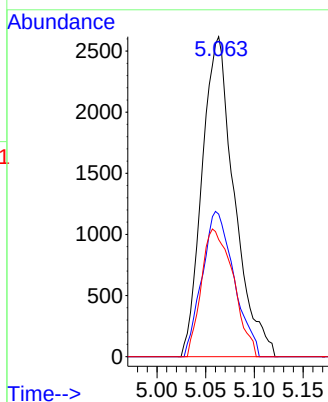
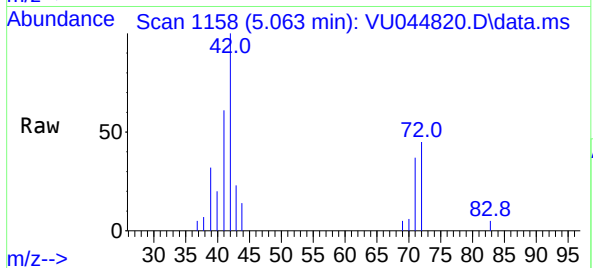
#29  
Tetrahydrofuran  
Concen: 5.689 ug/l  
RT: 5.063 min Scan# 1158  
Delta R.T. 0.010 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 6005  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.1  | 36.2  | 54.4  |
| 71       | 39.7  | 34.1  | 51.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

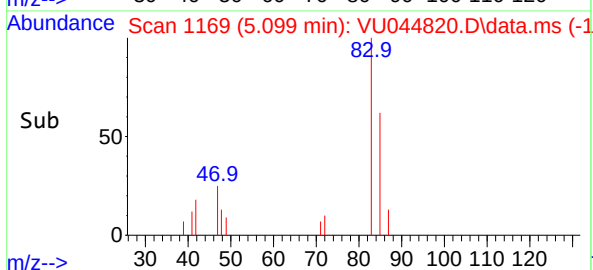
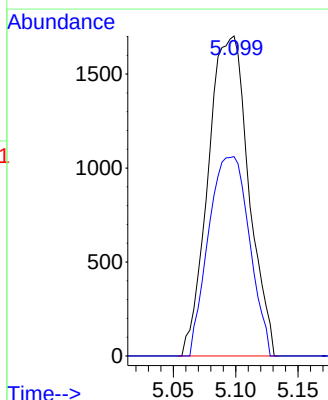
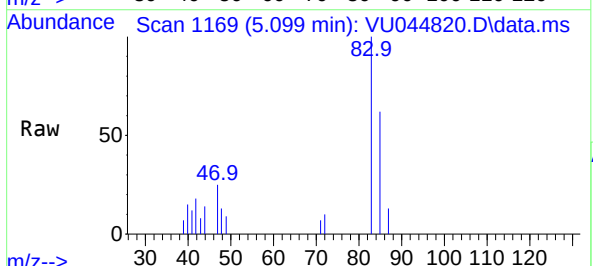
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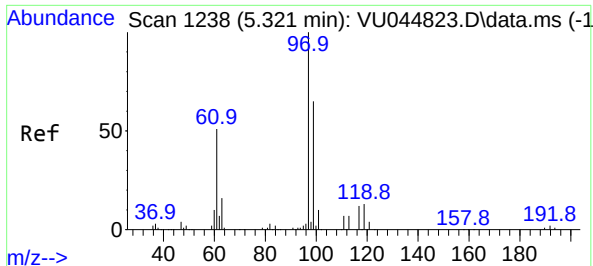


#30  
Chloroform  
Concen: 1.068 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 3847  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 62.3  | 52.1  | 78.1  |







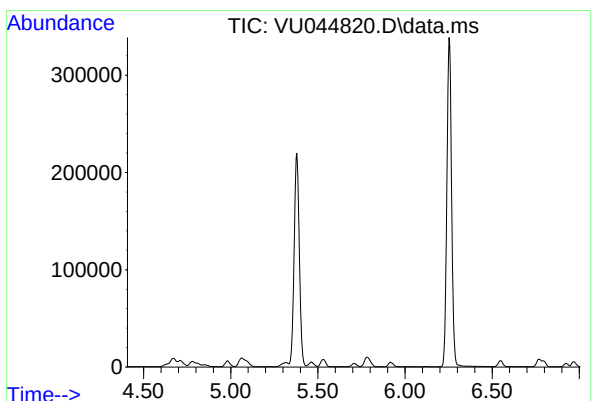
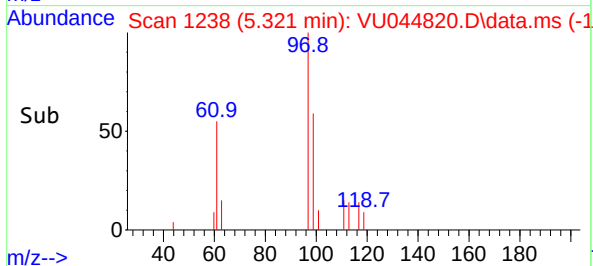
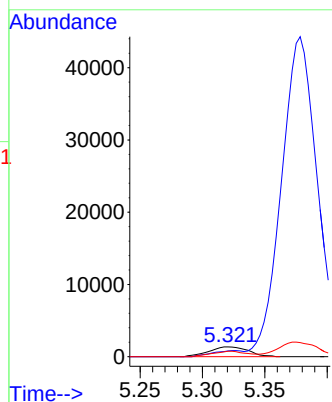
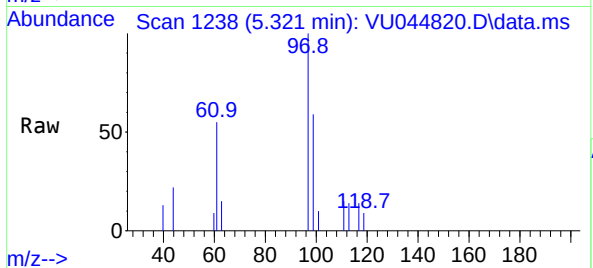
#32  
1,1,1-Trichloroethane  
Concen: 1.005 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 97 Resp: 3002  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.9 76.3#  
61 48.6 40.7 61.1

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

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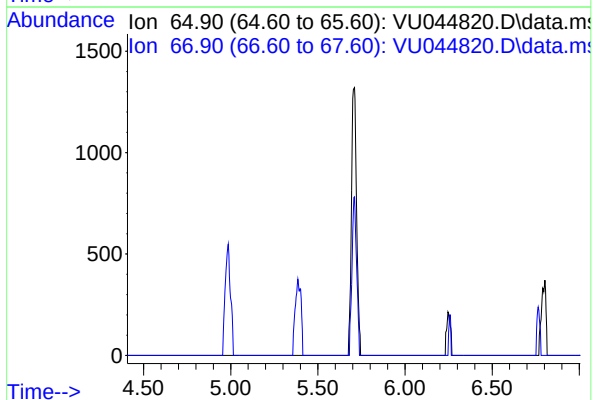
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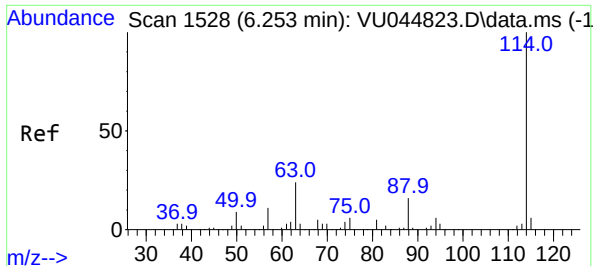


#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 5.71 min

Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 52.4





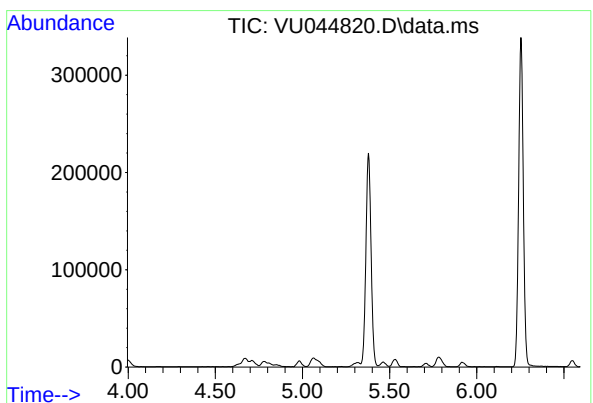
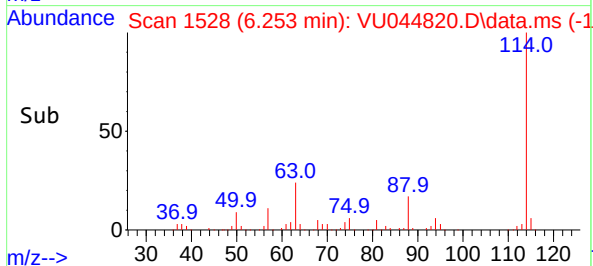
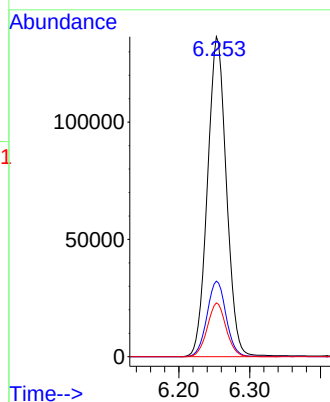
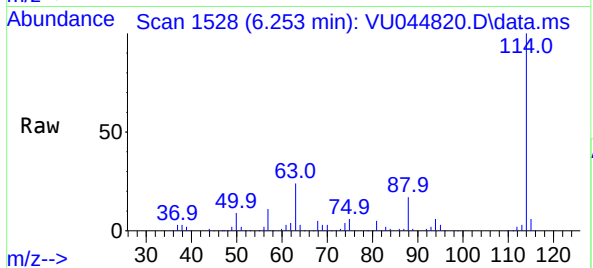
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:114 Resp: 253014  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 47.8  
88 16.8 0.0 32.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

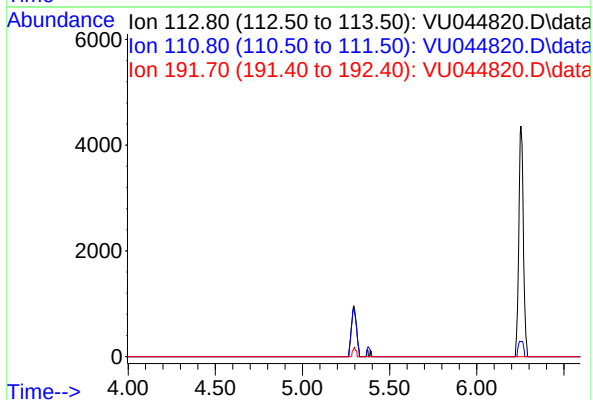
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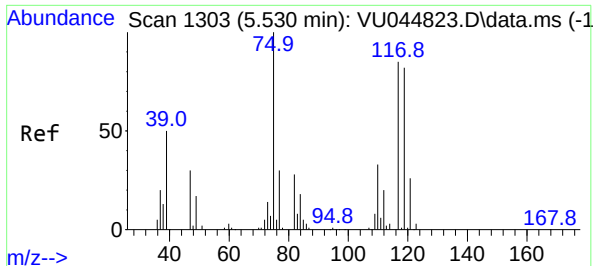
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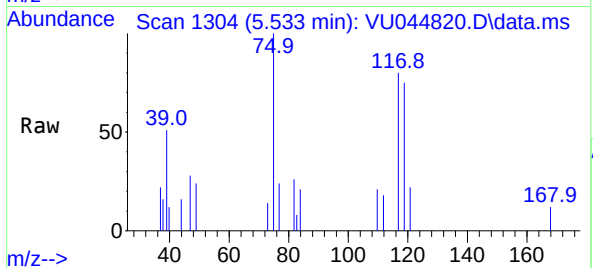
#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 5.29 min  
  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 105.1  
192 18.5

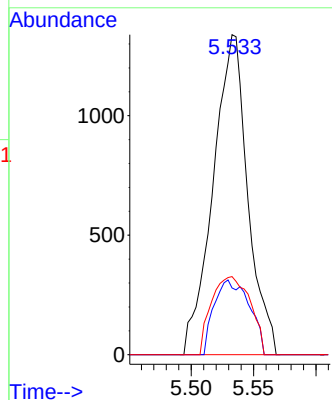




#36  
1,1-Dichloropropene  
Concen: 0.921 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



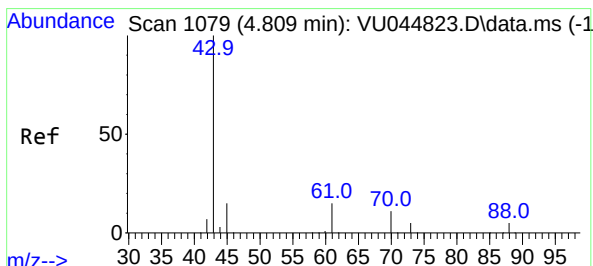
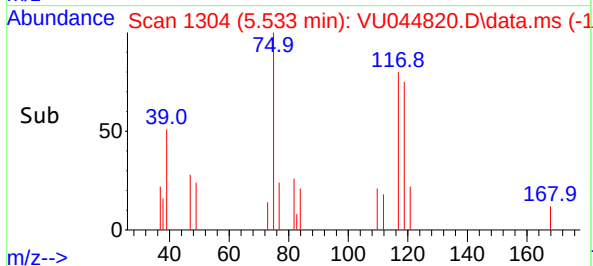
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2595  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 23.6  | 16.3  | 48.9  |
| 77       | 27.2  | 25.0  | 37.4  |



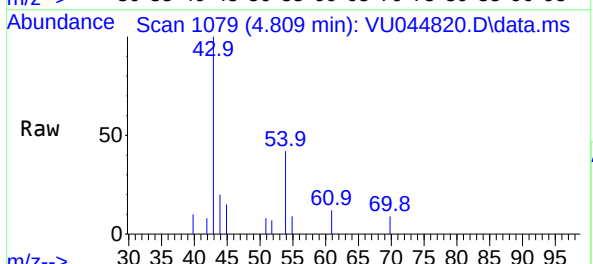
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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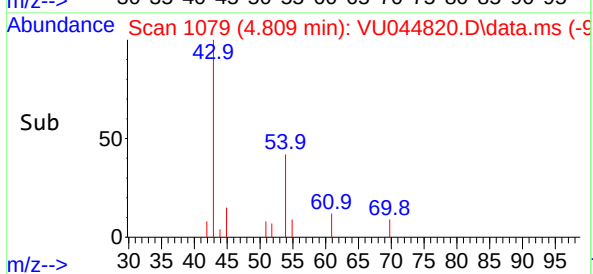
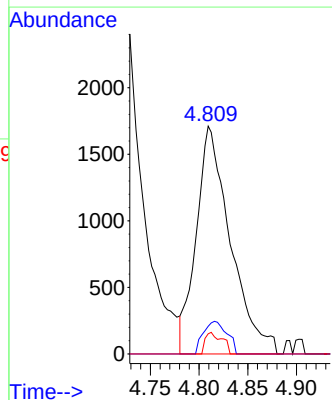
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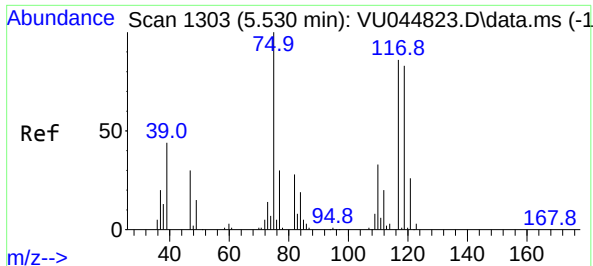


#37  
Ethyl Acetate  
Concen: 1.198 ug/l  
RT: 4.809 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



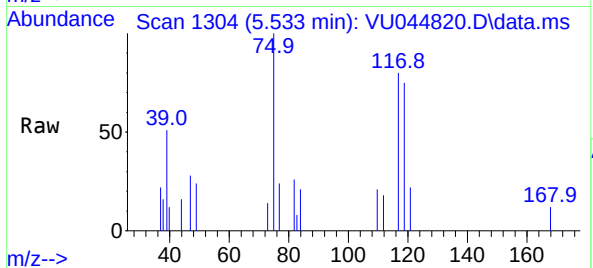
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4170  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 9.9   | 10.9  | 16.3# |
| 70       | 4.6   | 8.2   | 12.4# |





#38  
Carbon Tetrachloride  
Concen: 0.837 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

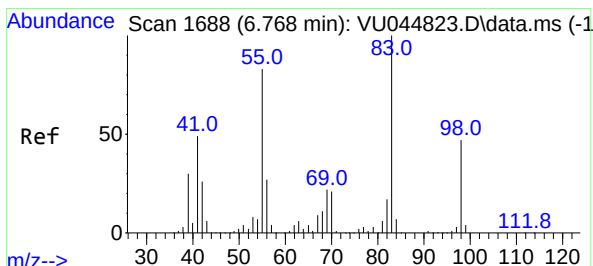
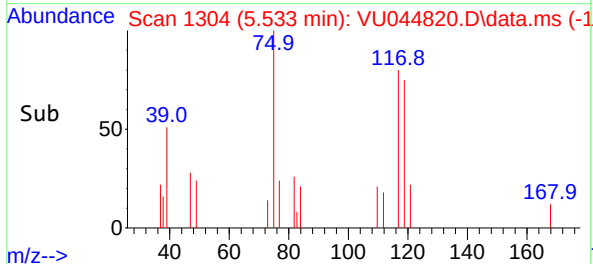
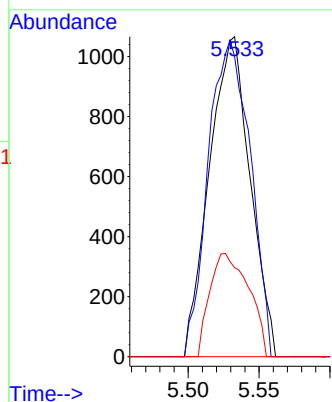
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001



Tgt Ion:117 Resp: 2129  
Ion Ratio Lower Upper  
117 100  
119 93.8 77.4 116.2  
121 27.9 24.5 36.7

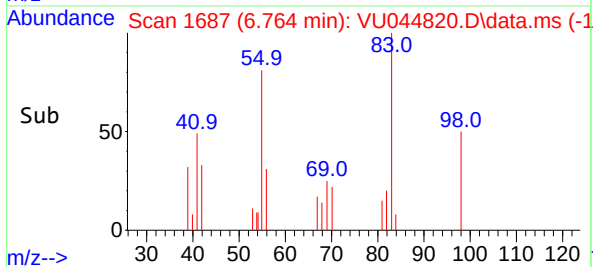
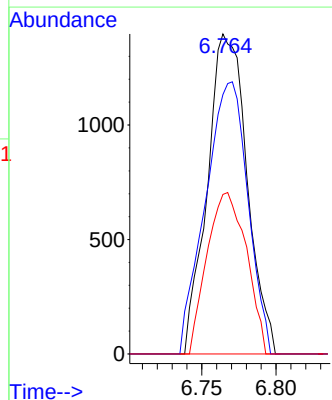
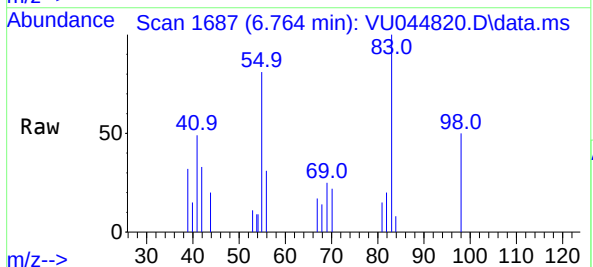
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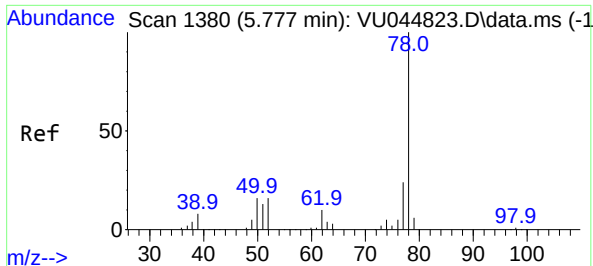
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#39  
Methylcyclohexane  
Concen: 0.853 ug/l  
RT: 6.764 min Scan# 1687  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 83 Resp: 2599  
Ion Ratio Lower Upper  
83 100  
55 81.0 66.2 99.4  
98 49.9 37.5 56.3





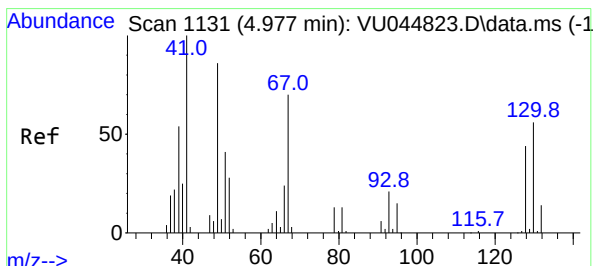
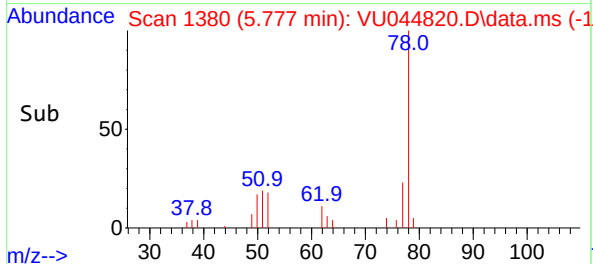
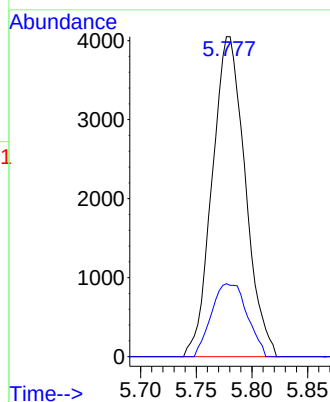
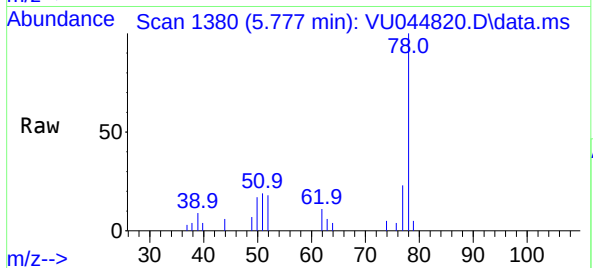
#40  
Benzene  
Concen: 0.999 ug/l  
RT: 5.777 min Scan# 1380  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 78 Resp: 8350  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.1 28.7

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

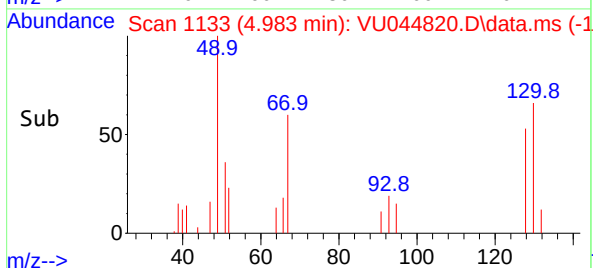
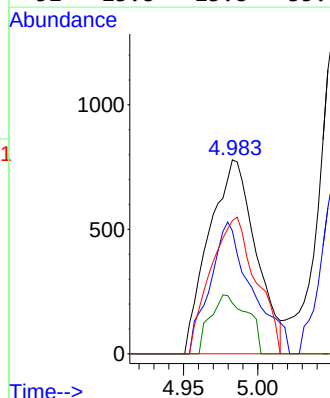
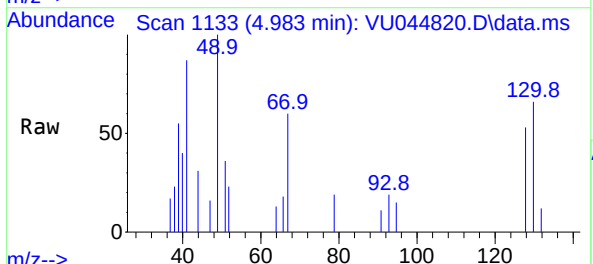
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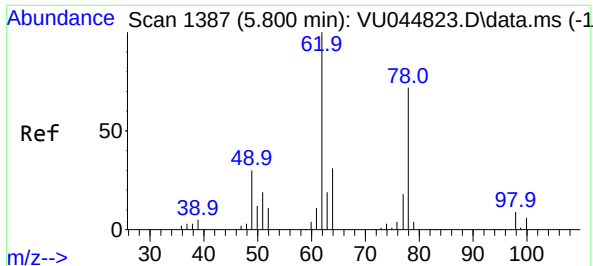
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9/27/2021 11:02:30 AM



#41  
Methacrylonitrile  
Concen: 0.964 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.006 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 41 Resp: 1712  
Ion Ratio Lower Upper  
41 100  
39 60.7 44.4 66.6  
67 67.9 58.1 87.1  
52 23.8 23.8 35.8#





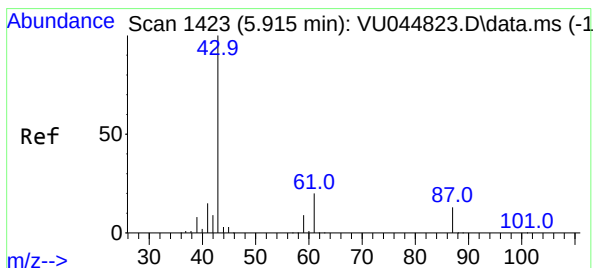
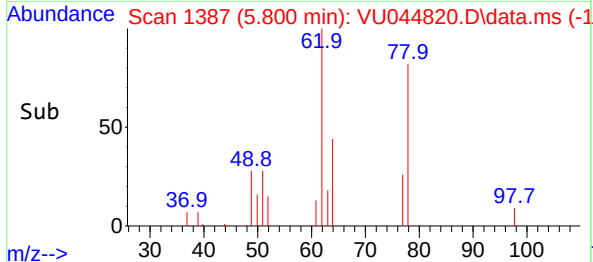
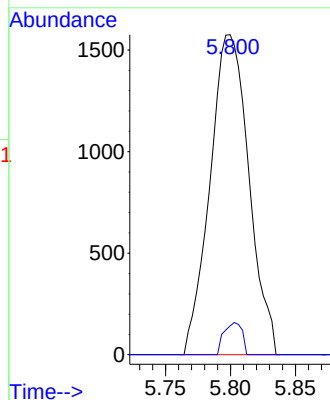
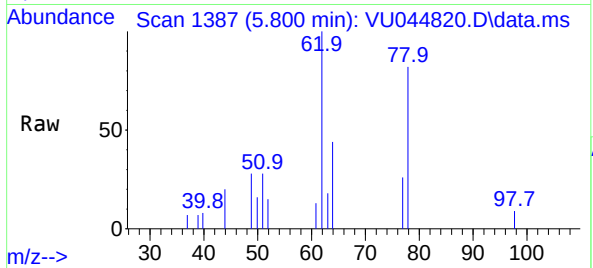
#42  
1,2-Dichloroethane  
Concen: 1.092 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 62 Resp: 3283  
Ion Ratio Lower Upper  
62 100  
98 4.7 0.0 17.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

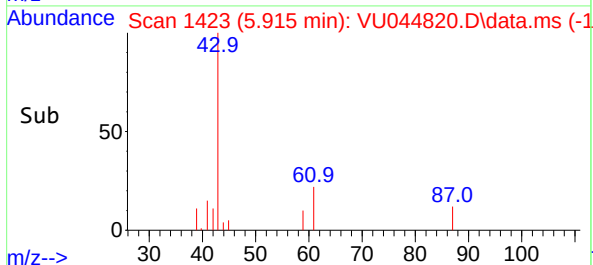
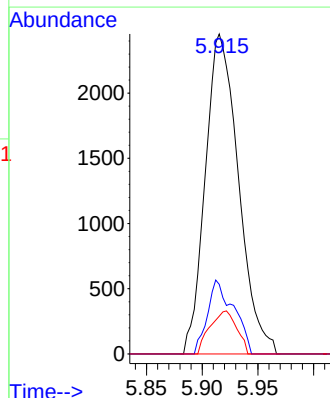
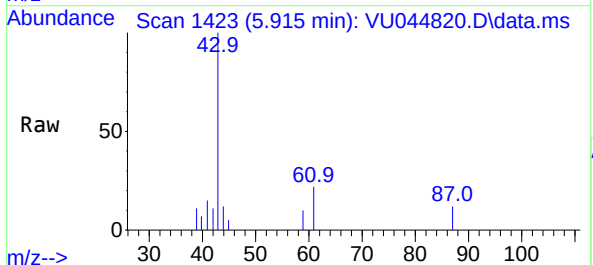
Manual Integrations  
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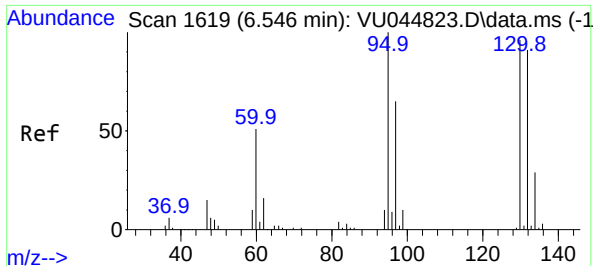
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9/27/2021 11:02:30 AM



#43  
Isopropyl Acetate  
Concen: 1.036 ug/l  
RT: 5.915 min Scan# 1423  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 5093  
Ion Ratio Lower Upper  
43 100  
61 18.3 16.1 24.1  
87 10.8 10.3 15.5





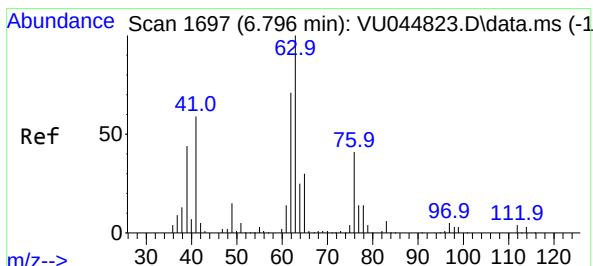
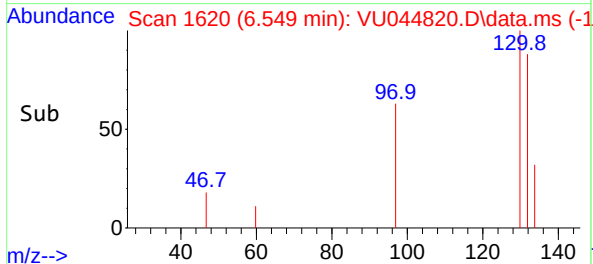
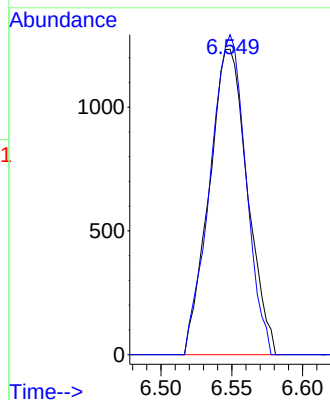
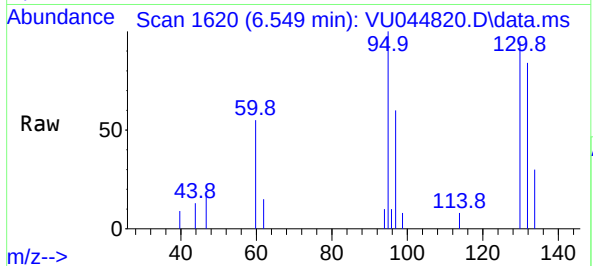
#44  
Trichloroethene  
Concen: 1.200 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:130 Resp: 2316  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 209.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

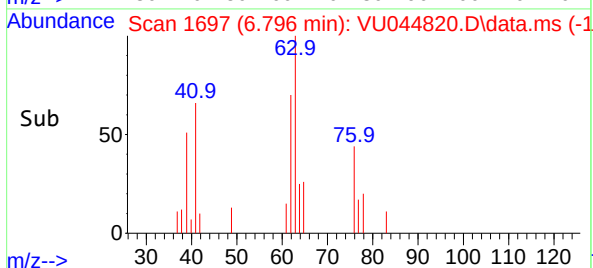
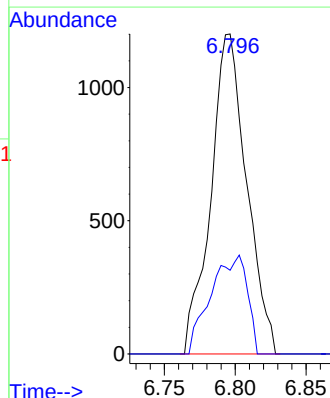
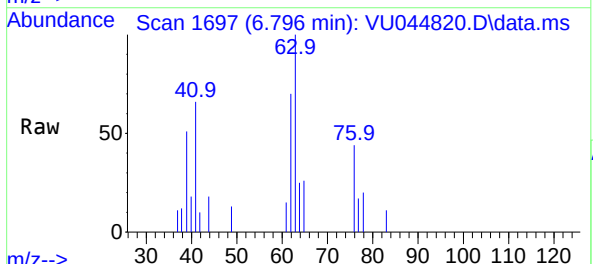
Manual Integrations  
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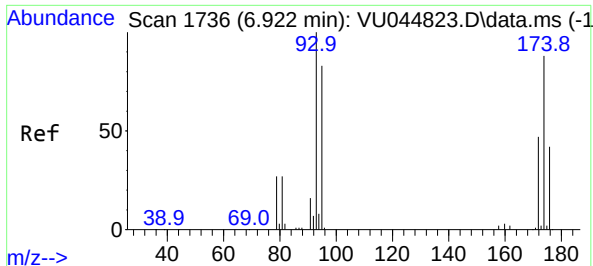
MMDadoda  
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#45  
1,2-Dichloropropane  
Concen: 0.922 ug/l  
RT: 6.796 min Scan# 1697  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 63 Resp: 2115  
Ion Ratio Lower Upper  
63 100  
65 26.1 23.9 35.9





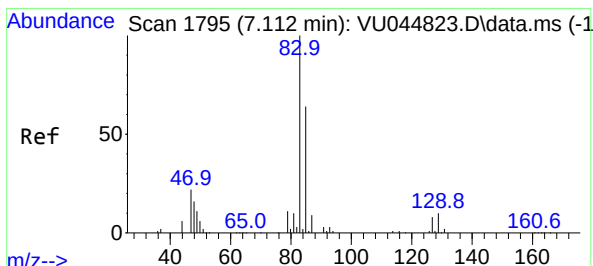
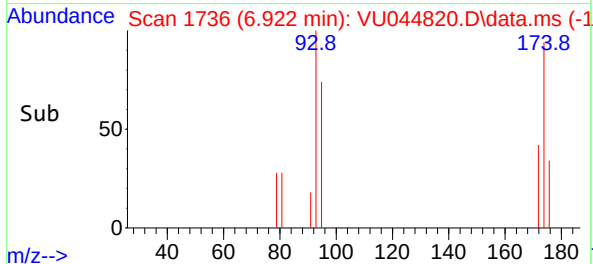
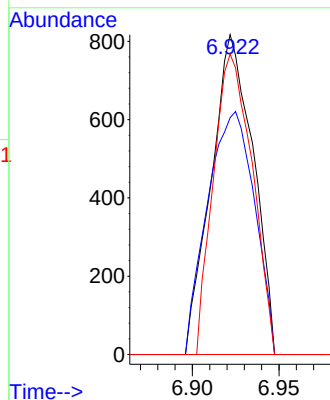
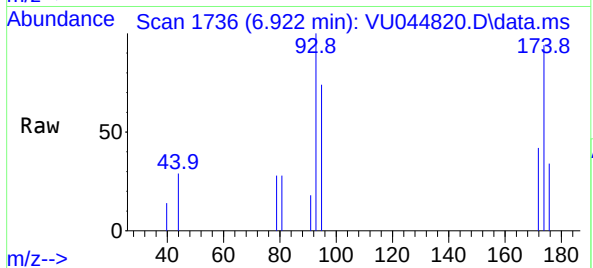
#46  
Dibromomethane  
Concen: 0.931 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

Tgt Ion: 93 Resp: 1375  
Ion Ratio Lower Upper  
93 100  
95 85.2 65.6 98.4  
174 86.7 70.7 106.1

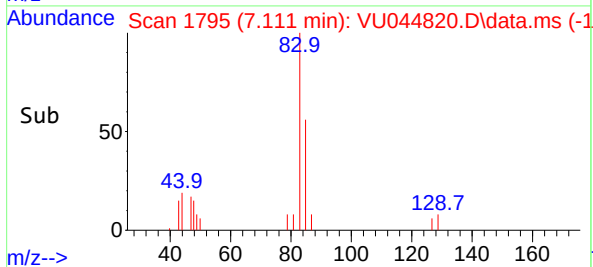
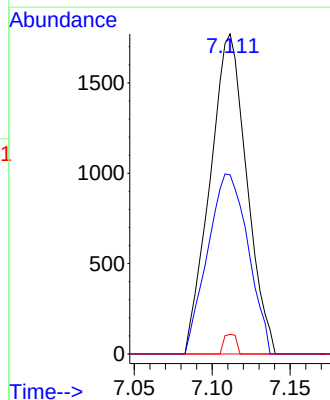
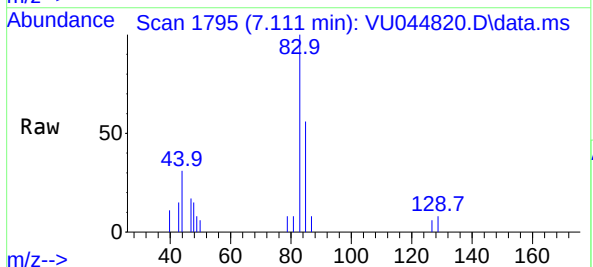
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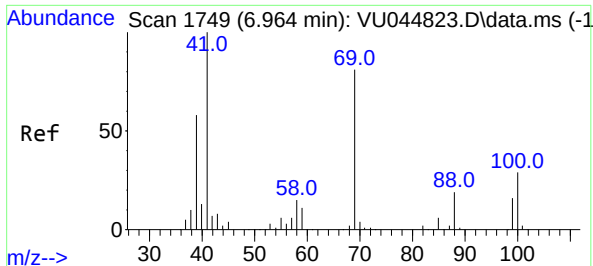


#47  
Bromodichloromethane  
Concen: 0.999 ug/l  
RT: 7.111 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 83 Resp: 2897  
Ion Ratio Lower Upper  
83 100  
85 56.0 51.6 77.4  
127 6.1 6.2 9.4#







#48

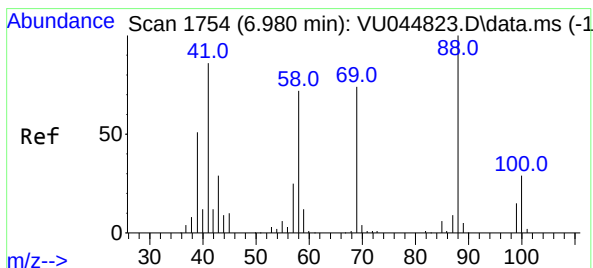
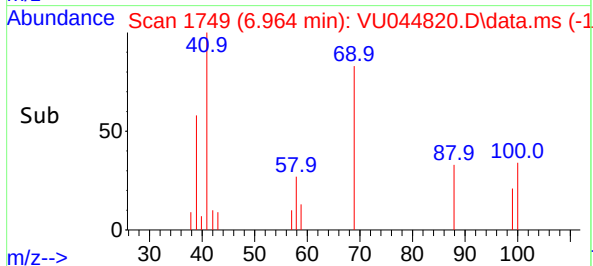
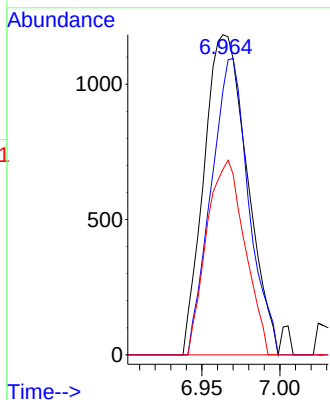
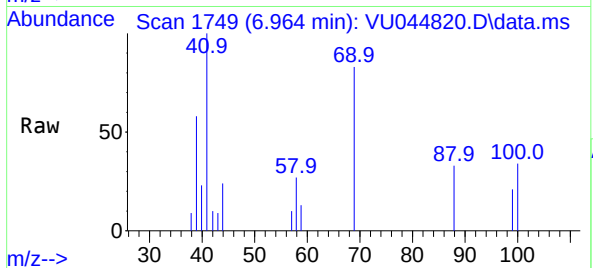
Methyl methacrylate  
Concen: 0.954 ug/l  
RT: 6.964 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2279  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.5  | 65.6  | 98.4  |
| 39       | 53.7  | 46.2  | 69.4  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

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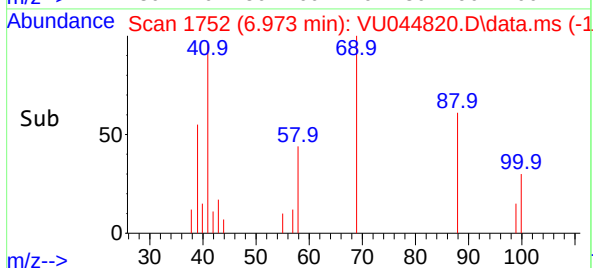
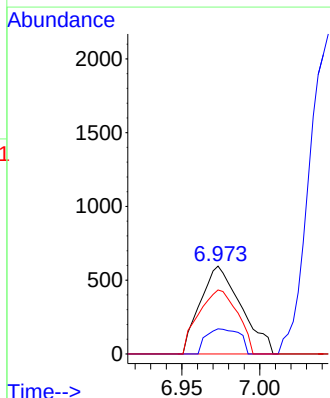
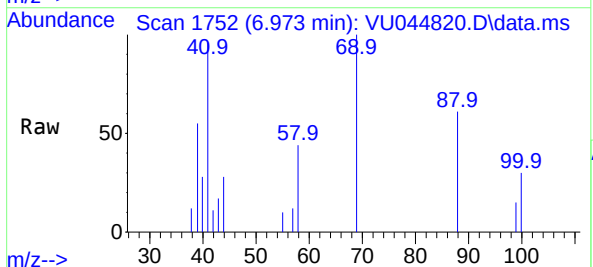
MMDadoda  
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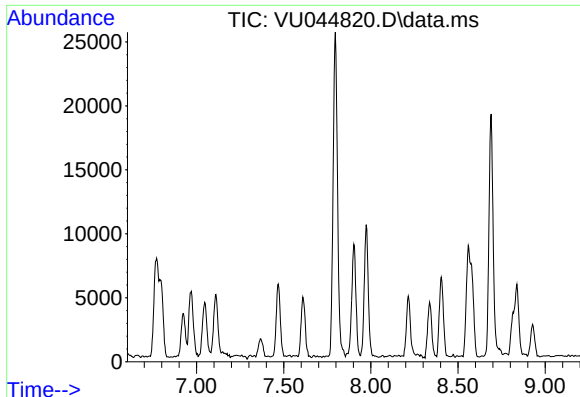


#49

1,4-Dioxane  
Concen: 17.474 ug/l  
RT: 6.973 min Scan# 1752  
Delta R.T. -0.007 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 1088  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 23.3  | 25.8  | 38.6# |
| 58       | 69.1  | 61.3  | 91.9  |





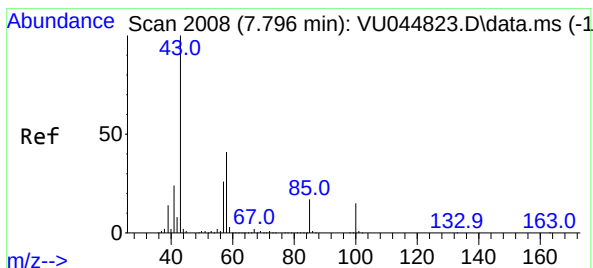
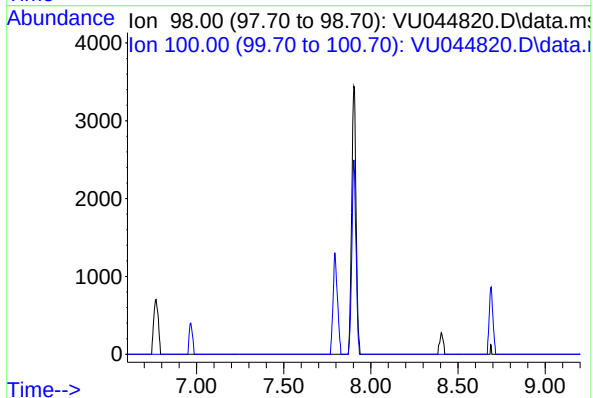
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.90 min  
  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 65.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

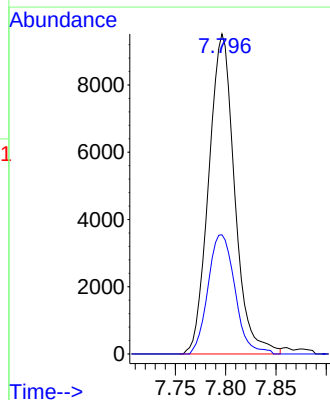
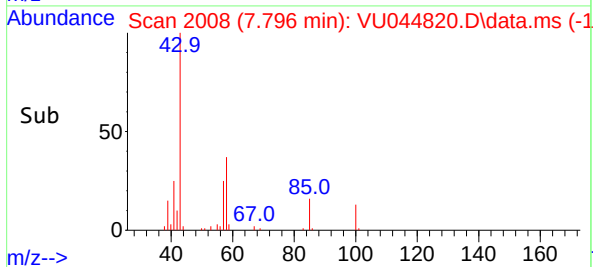
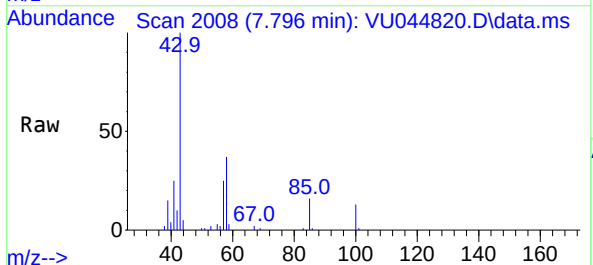
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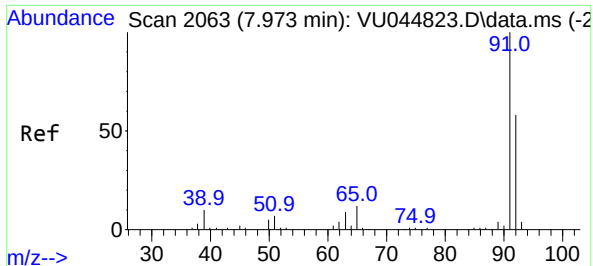
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#51  
4-Methyl-2-Pentanone  
Concen: 4.813 ug/l  
RT: 7.796 min Scan# 2008  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 17066  
Ion Ratio Lower Upper  
43 100  
58 38.6 32.4 48.6





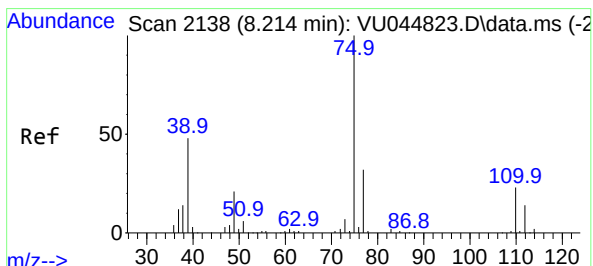
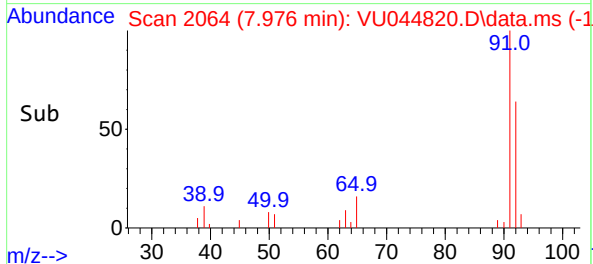
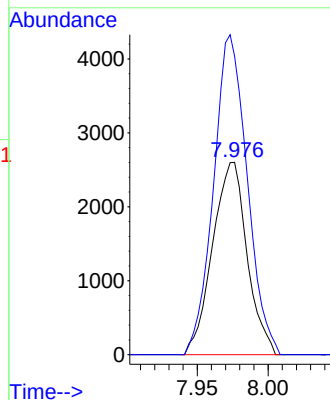
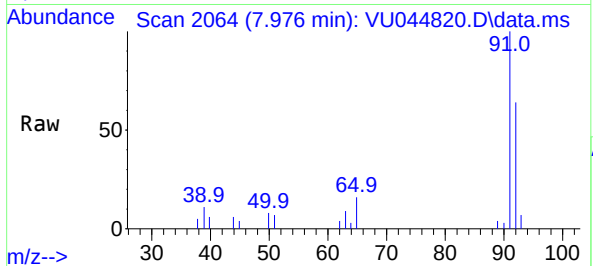
#52  
Toluene  
Concen: 0.890 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 92 Resp: 4407  
Ion Ratio Lower Upper  
92 100  
91 162.2 136.9 205.3

Instrument :  
MSVOA\_U  
ClientSampled :  
VSTDIC001

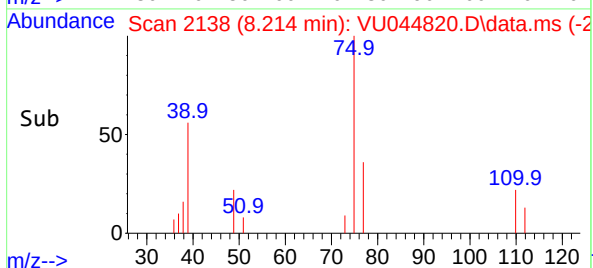
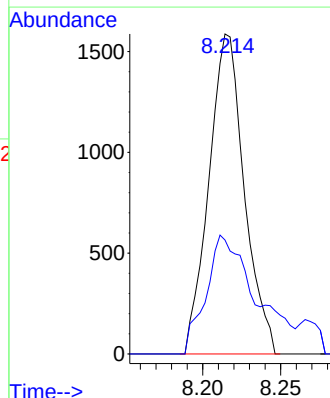
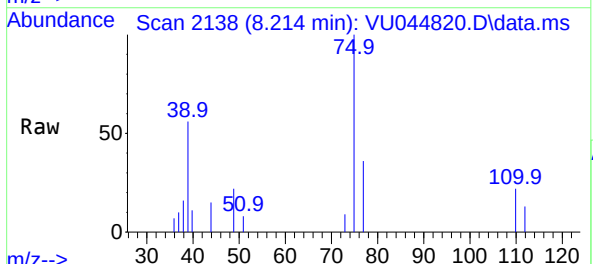
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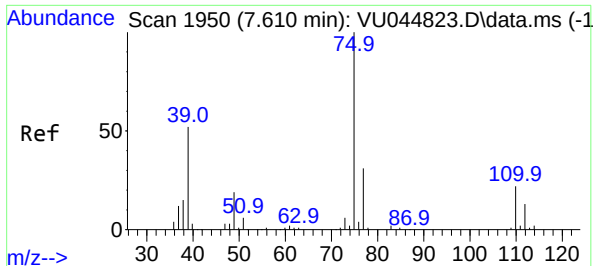
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#53  
t-1,3-Dichloropropene  
Concen: 0.795 ug/l  
RT: 8.214 min Scan# 2138  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 75 Resp: 2502  
Ion Ratio Lower Upper  
75 100  
77 35.6 25.6 38.4





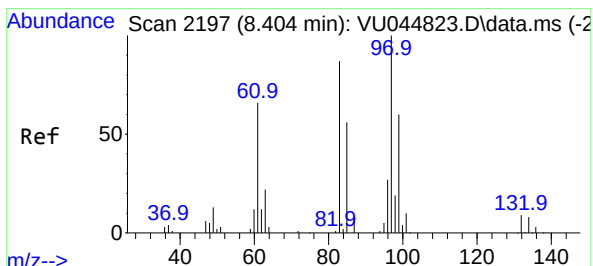
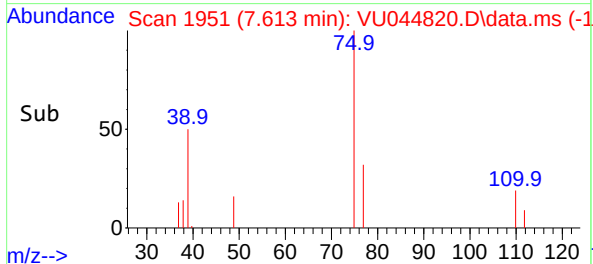
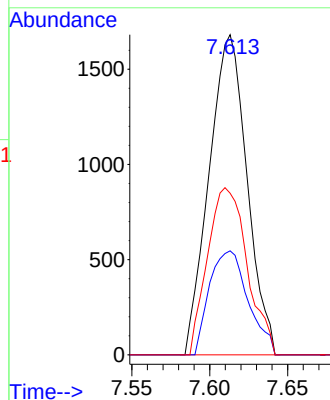
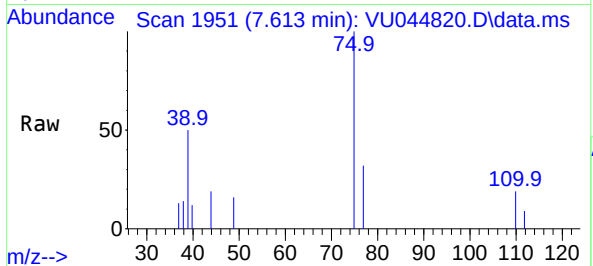
#54  
cis-1,3-Dichloropropene  
Concen: 0.839 ug/l  
RT: 7.613 min Scan# 1951  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2849  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.5  | 25.0  | 37.6  |
| 39       | 50.5  | 41.4  | 62.2  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

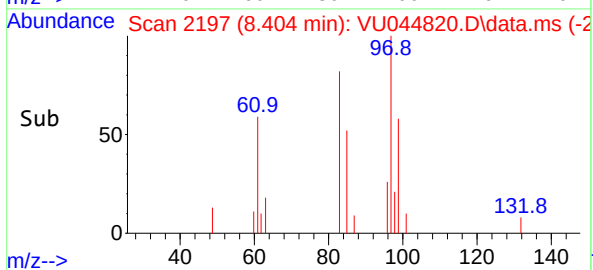
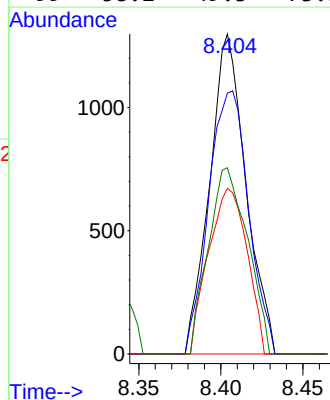
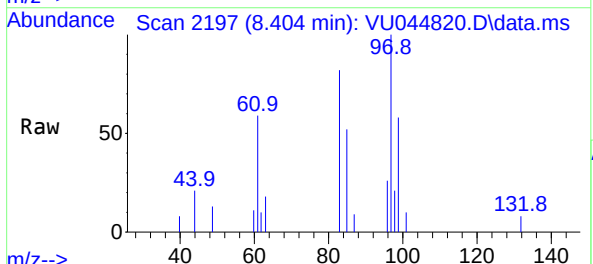
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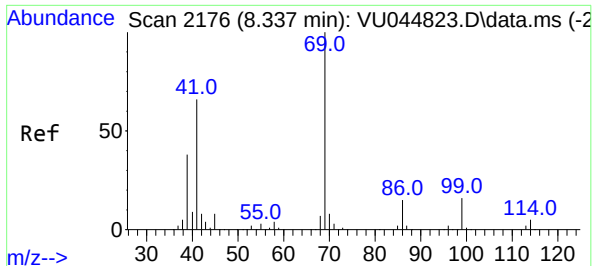
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#55  
1,1,2-Trichloroethane  
Concen: 0.954 ug/l  
RT: 8.404 min Scan# 2197  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 1993  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.5  | 69.7  | 104.5 |
| 85       | 51.7  | 44.8  | 67.2  |
| 99       | 58.2  | 49.3  | 73.9  |





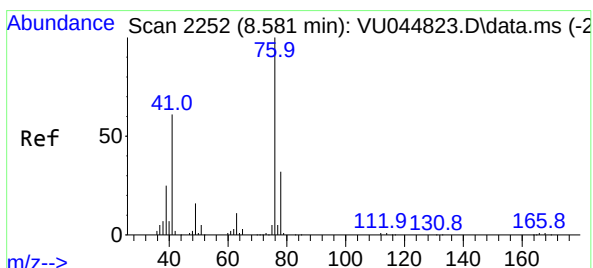
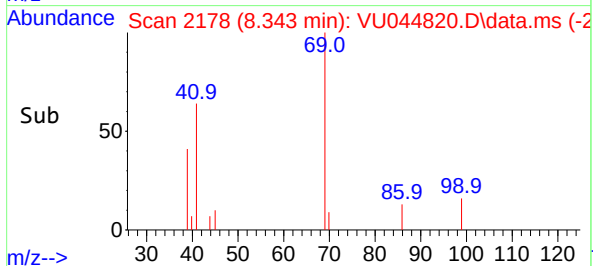
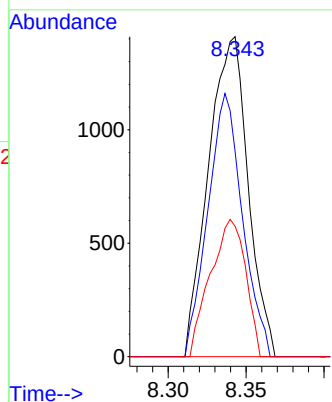
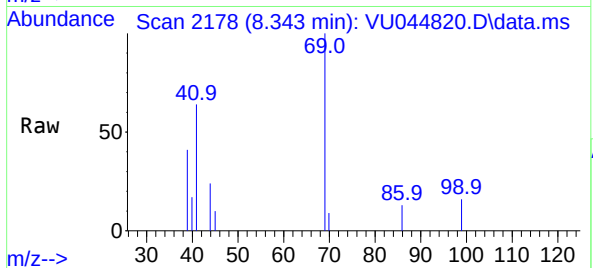
#56  
Ethyl methacrylate  
Concen: 0.781 ug/l  
RT: 8.343 min Scan# 2178  
Delta R.T. 0.006 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 69 Resp: 2495  
Ion Ratio Lower Upper  
69 100  
41 71.7 53.5 80.3  
39 38.2 31.1 46.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

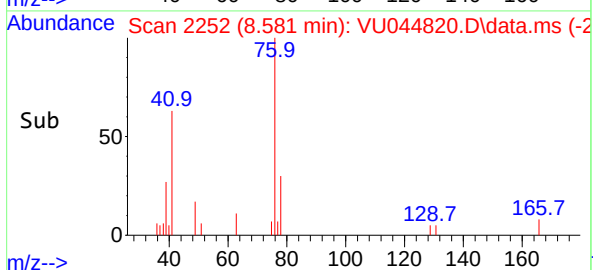
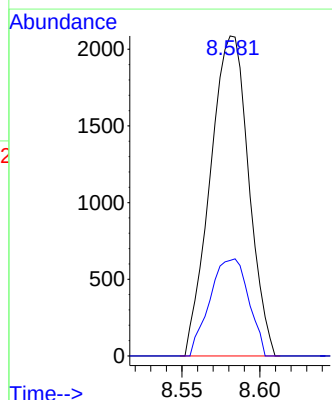
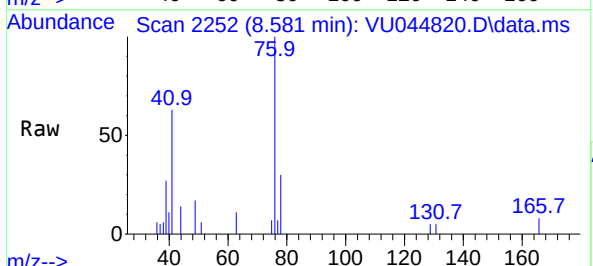
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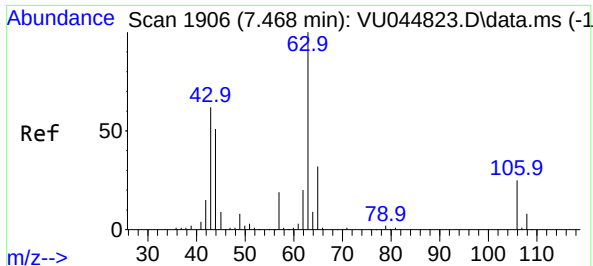
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#57  
1,3-Dichloropropane  
Concen: 0.964 ug/l  
RT: 8.581 min Scan# 2252  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 76 Resp: 3579  
Ion Ratio Lower Upper  
76 100  
78 30.4 25.7 38.5





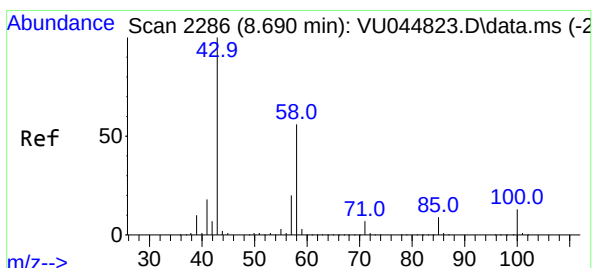
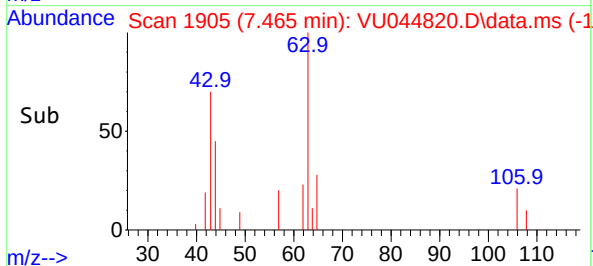
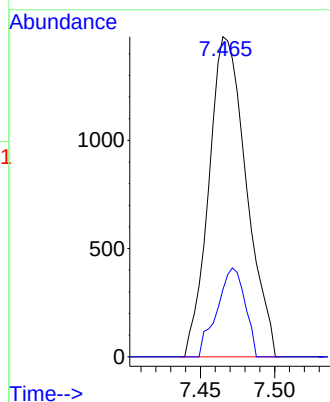
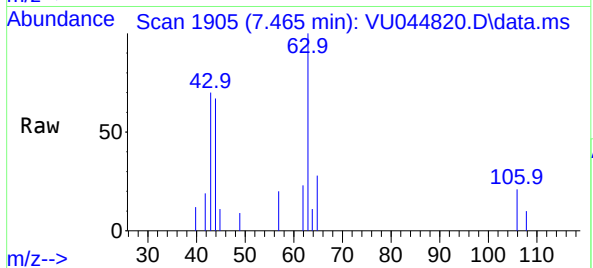
#58  
2-Chloroethyl Vinyl ether  
Concen: 2.756 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 63 Resp: 2593  
Ion Ratio Lower Upper  
63 100  
106 20.7 20.5 30.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

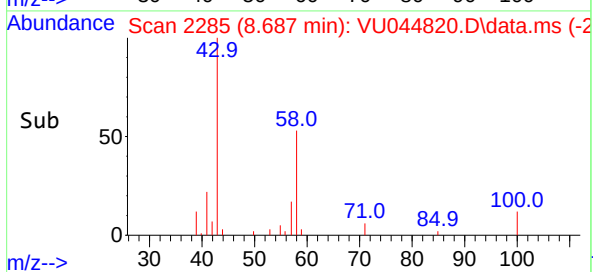
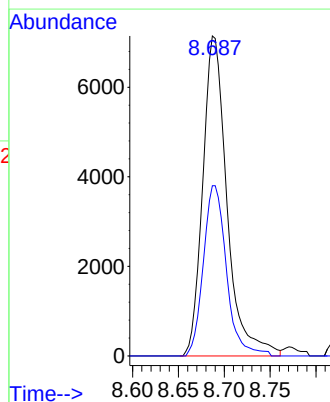
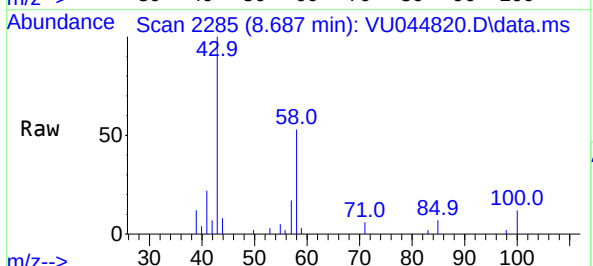
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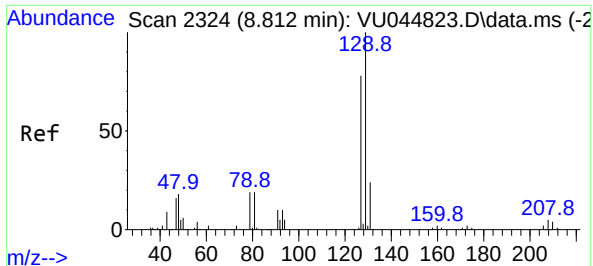
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#59  
2-Hexanone  
Concen: 4.640 ug/l  
RT: 8.687 min Scan# 2285  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 43 Resp: 13150  
Ion Ratio Lower Upper  
43 100  
58 50.7 28.0 84.0





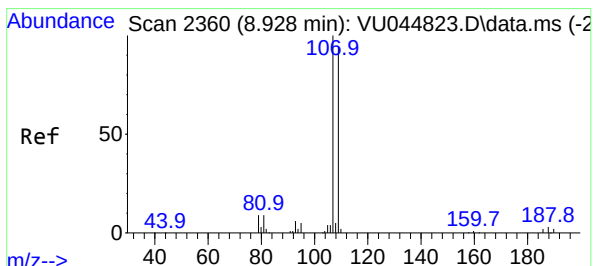
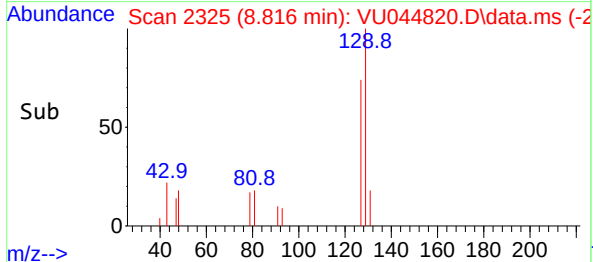
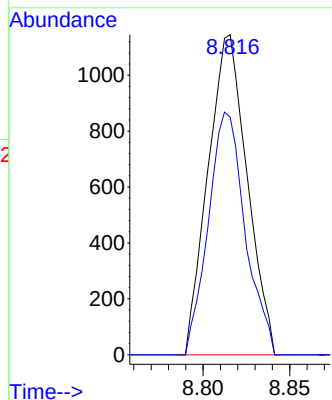
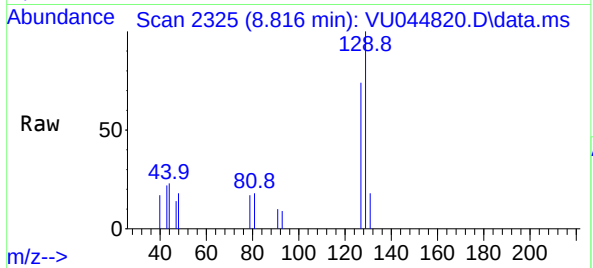
#60  
Dibromochloromethane  
Concen: 0.870 ug/l  
RT: 8.816 min Scan# 2325  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:129 Resp: 1796  
Ion Ratio Lower Upper  
129 100  
127 71.4 39.0 117.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

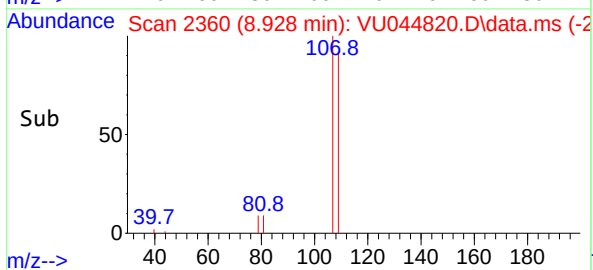
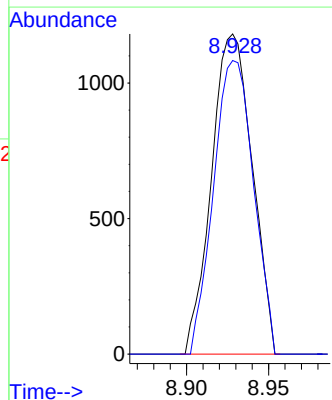
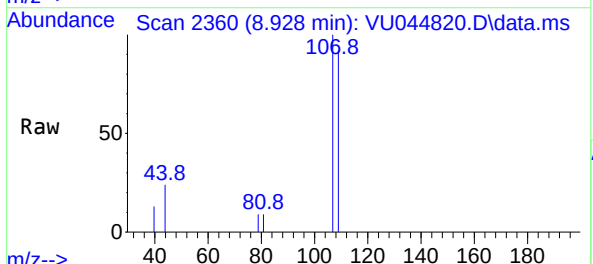
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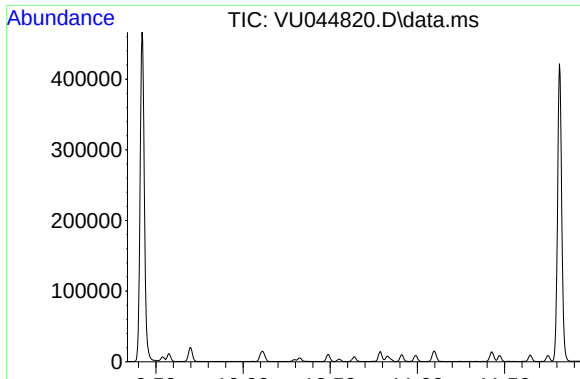
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#61  
1,2-Dibromoethane  
Concen: 0.928 ug/l  
RT: 8.928 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:107 Resp: 2041  
Ion Ratio Lower Upper  
107 100  
109 89.8 74.8 112.2





#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 10.64 min

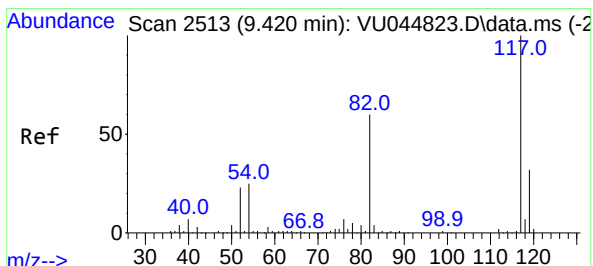
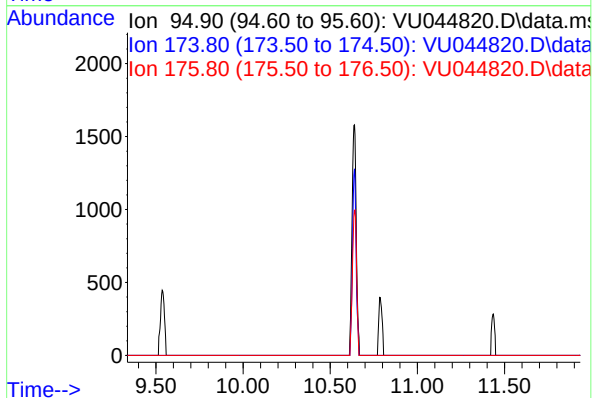
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 73.3  
176 70.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

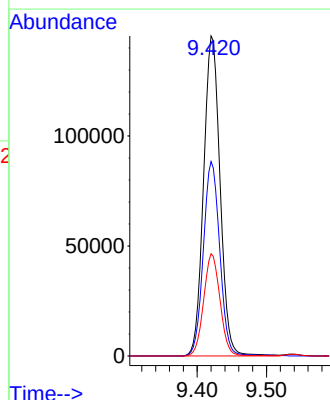
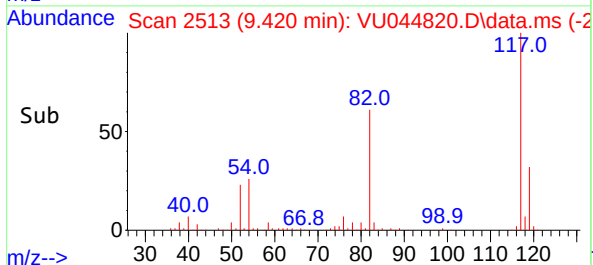
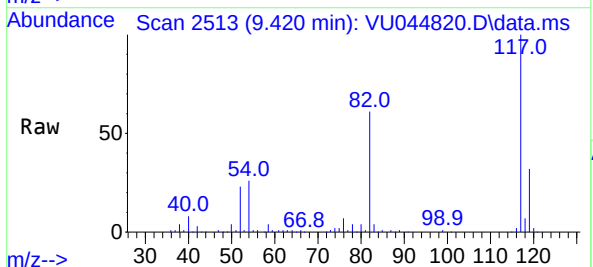
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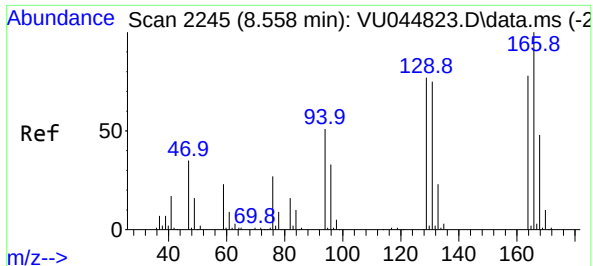


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

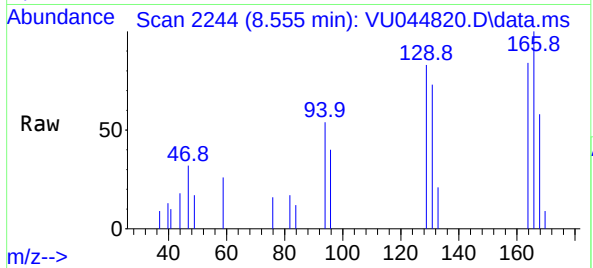
Tgt Ion: 117 Resp: 240542  
Ion Ratio Lower Upper  
117 100  
82 60.8 47.8 71.8  
119 32.0 25.8 38.6



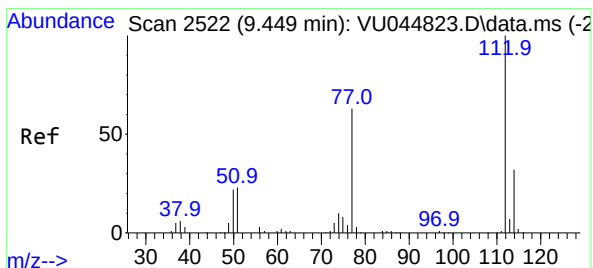
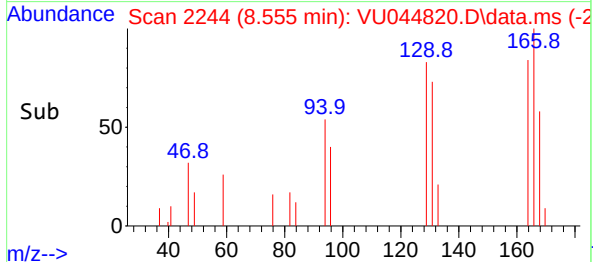
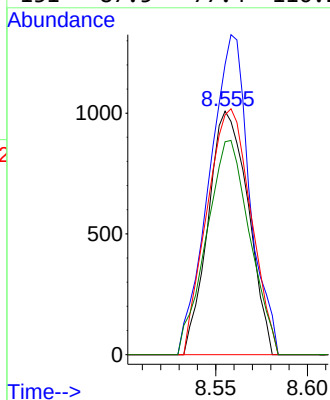




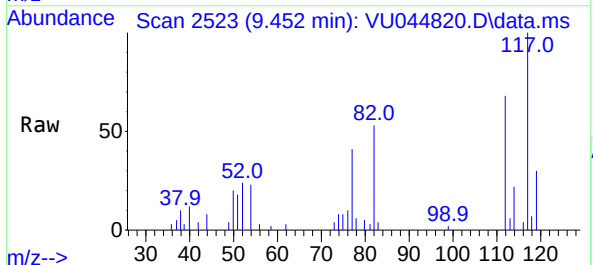
#64  
Tetrachloroethene  
Concen: 0.917 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
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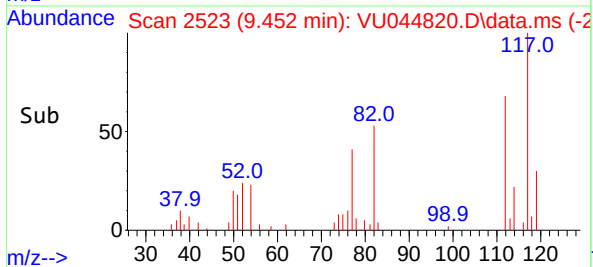
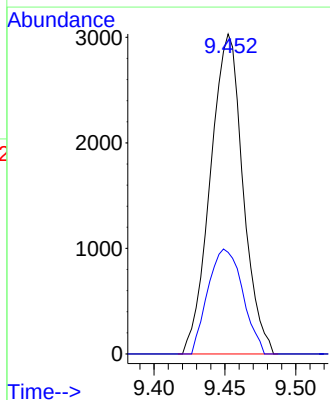
Tgt Ion:164 Resp: 1528  
Ion Ratio Lower Upper  
164 100  
166 119.2 102.8 154.2  
129 98.5 79.4 119.2  
131 87.5 77.4 116.2



#65  
Chlorobenzene  
Concen: 0.941 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



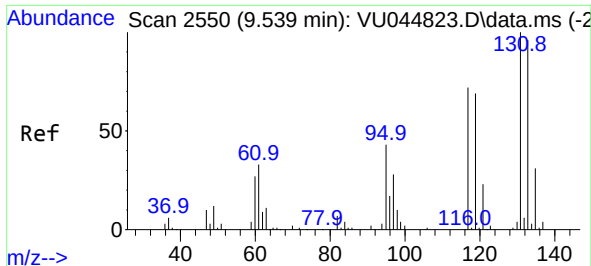
Tgt Ion:112 Resp: 4854  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.9 38.9



Instrument :  
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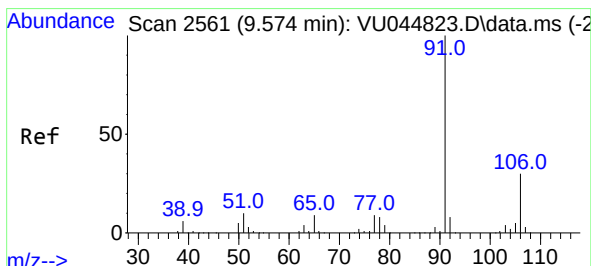
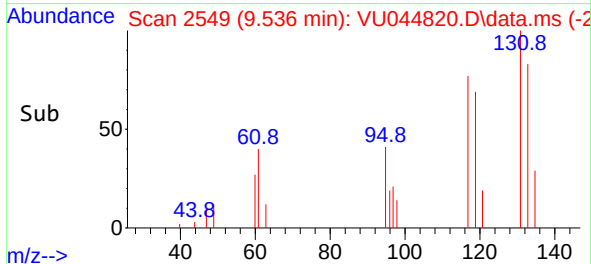
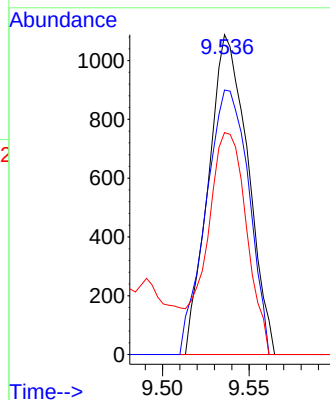
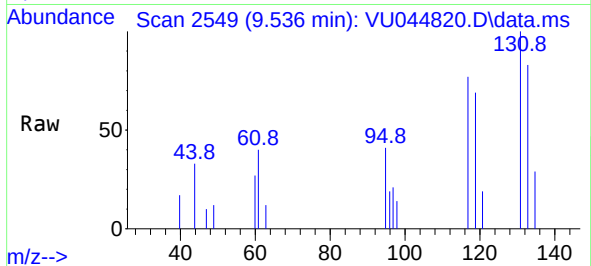
#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.951 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
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Tgt Ion:131 Resp: 1717  
Ion Ratio Lower Upper  
131 100  
133 89.8 48.1 144.3  
119 0.0 34.1 102.3#

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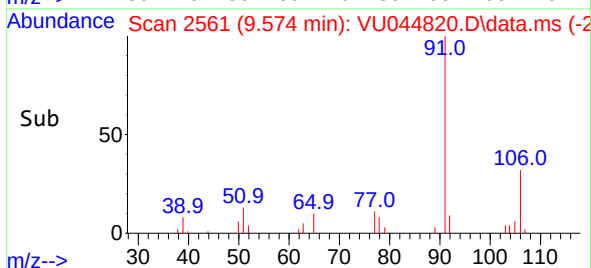
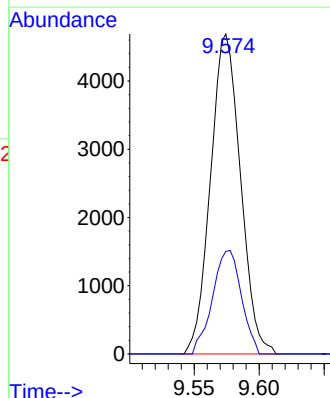
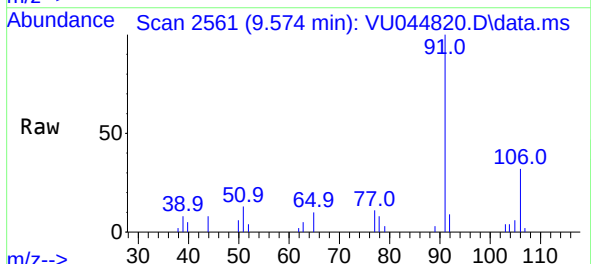
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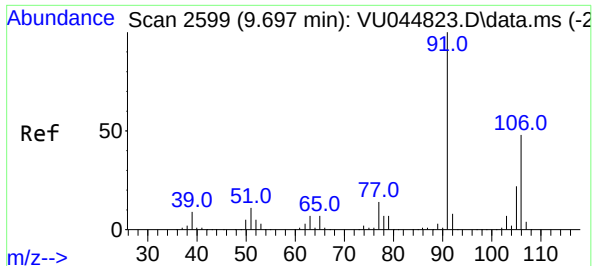
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#67  
Ethyl Benzene  
Concen: 0.812 ug/l  
RT: 9.574 min Scan# 2561  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 91 Resp: 7509  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.3 36.5





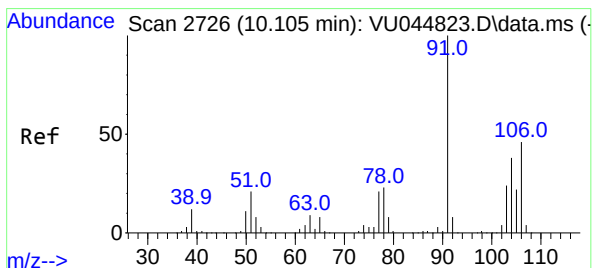
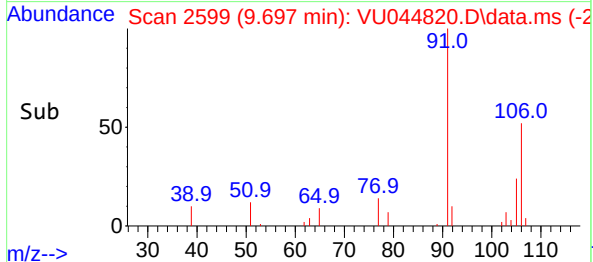
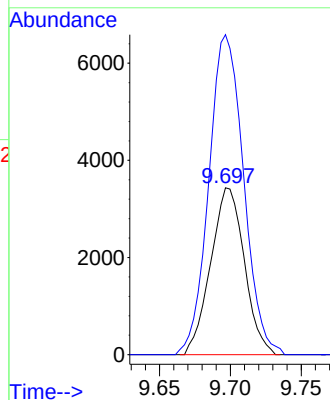
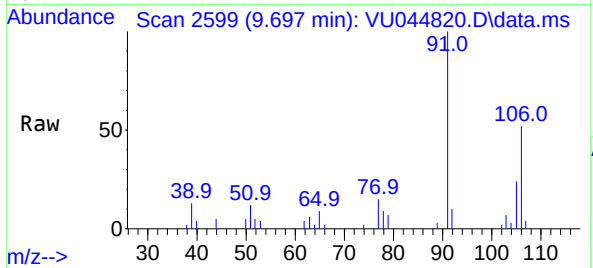
#68  
m/p-Xylenes  
Concen: 1.641 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:106 Resp: 5684  
Ion Ratio Lower Upper  
106 100  
91 198.2 164.2 246.2

Instrument :  
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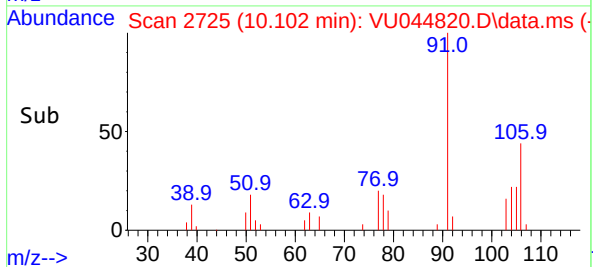
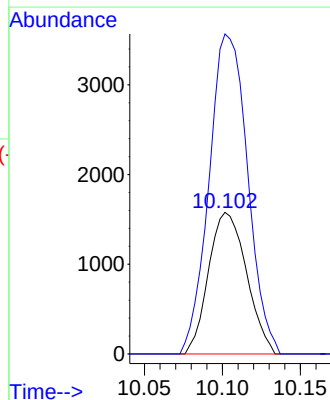
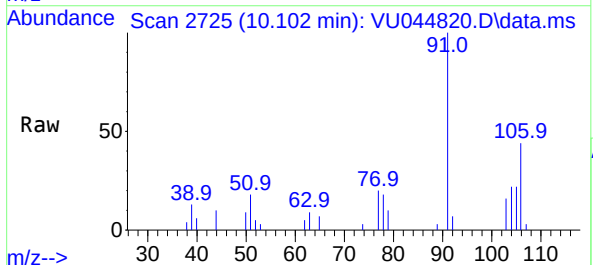
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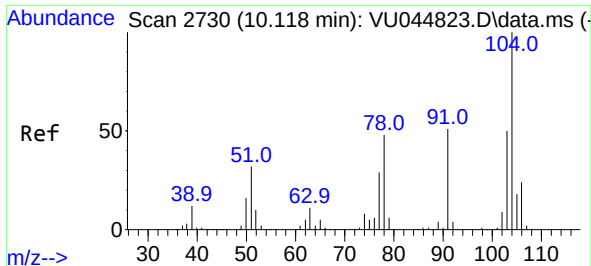
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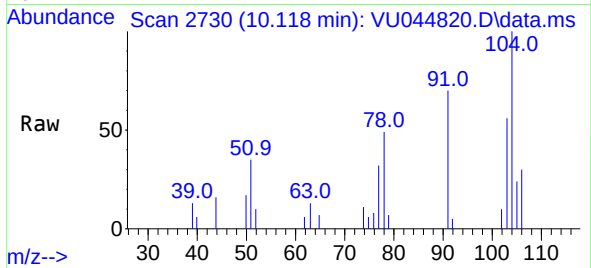
#69  
o-Xylene  
Concen: 0.811 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:106 Resp: 2671  
Ion Ratio Lower Upper  
106 100  
91 229.6 108.9 326.7

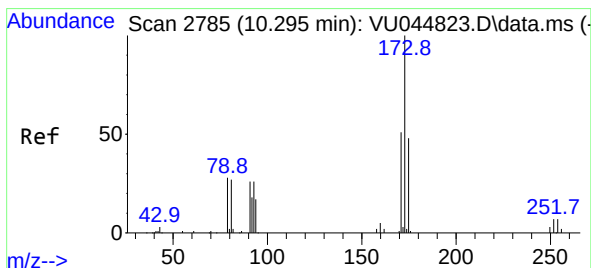
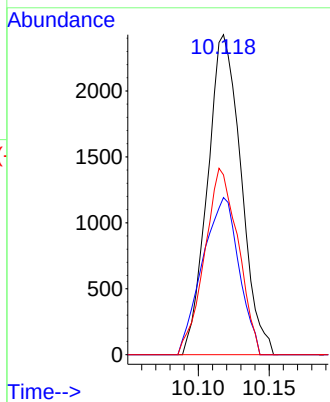
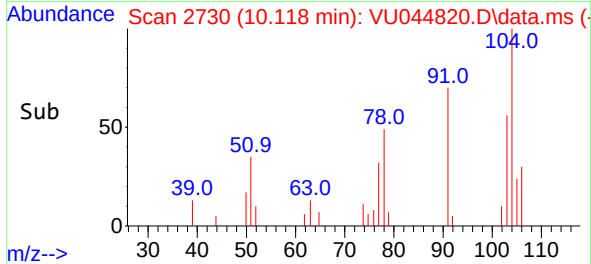




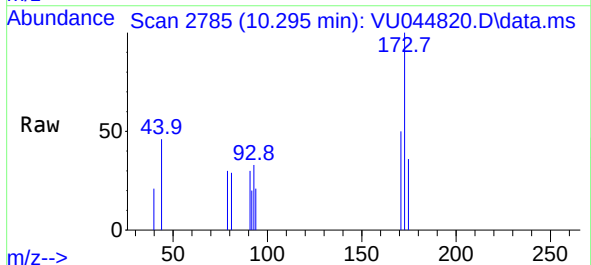
#70  
Styrene  
Concen: 0.701 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



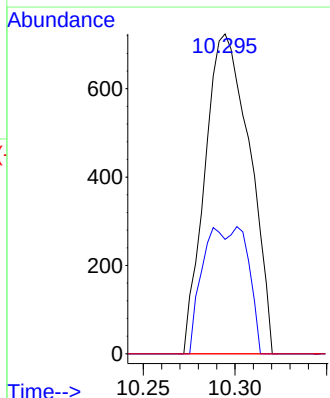
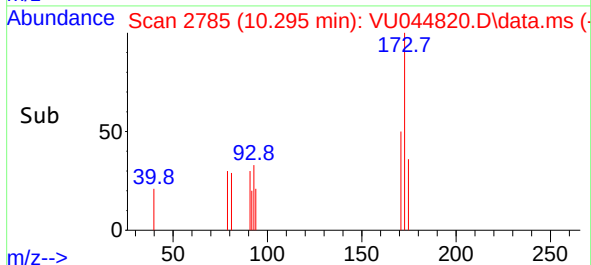
Tgt Ion:104 Resp: 3998  
Ion Ratio Lower Upper  
104 100  
78 53.4 41.4 62.0  
103 58.1 43.5 65.3



#71  
Bromoform  
Concen: 0.807 ug/l  
RT: 10.295 min Scan# 2785  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



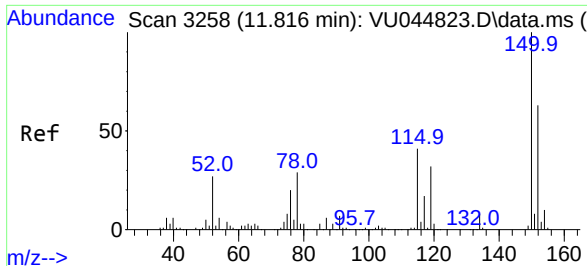
Tgt Ion:173 Resp: 1229  
Ion Ratio Lower Upper  
173 100  
175 21.7 24.3 73.0#  
254 0.0 0.0 0.0



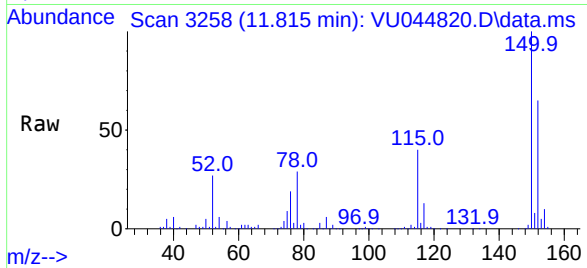
Instrument :  
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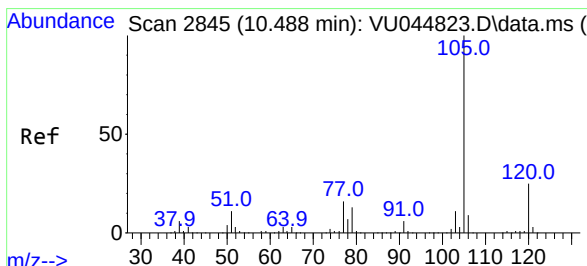
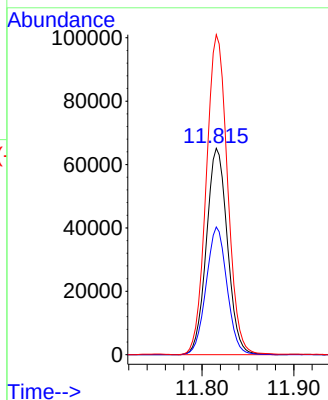
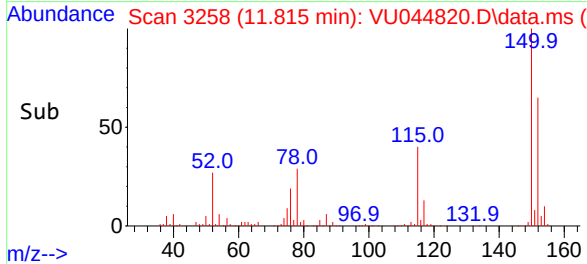
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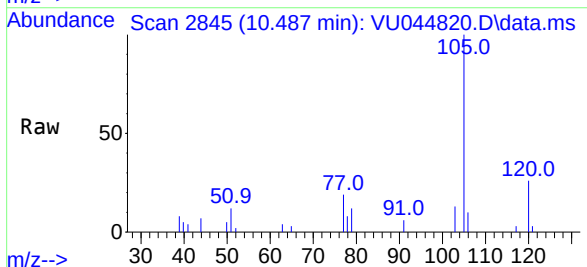
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



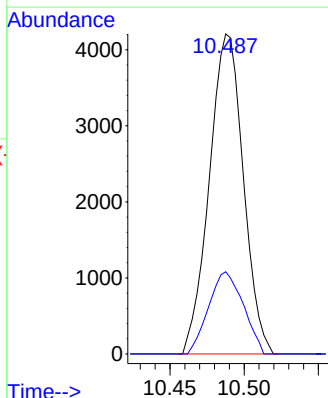
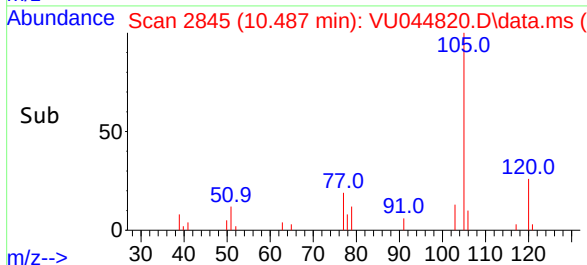
Tgt Ion:152 Resp: 103826  
Ion Ratio Lower Upper  
152 100  
115 61.4 43.5 130.7  
150 156.8 0.0 350.0



#73  
Isopropylbenzene  
Concen: 0.951 ug/l  
RT: 10.487 min Scan# 2845  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



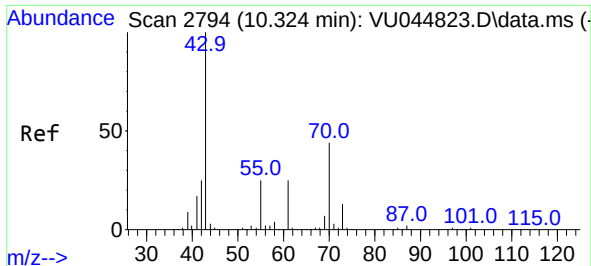
Tgt Ion:105 Resp: 6696  
Ion Ratio Lower Upper  
105 100  
120 26.1 12.8 38.3



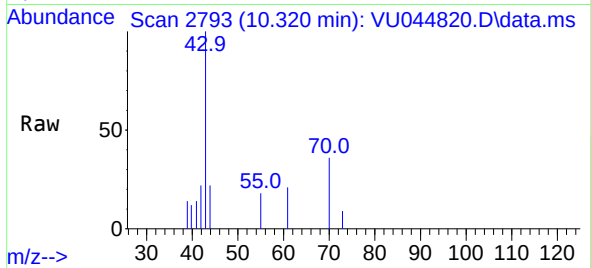
Instrument :  
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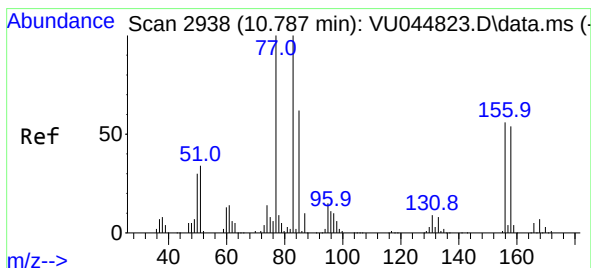
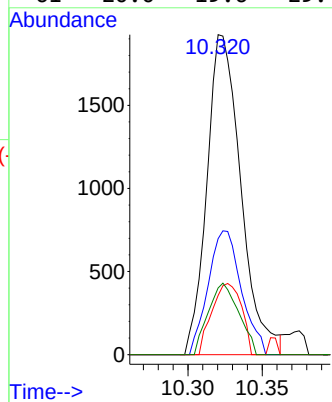
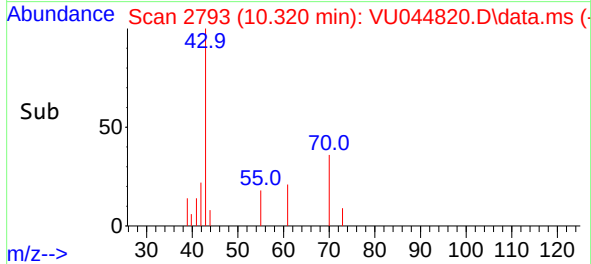
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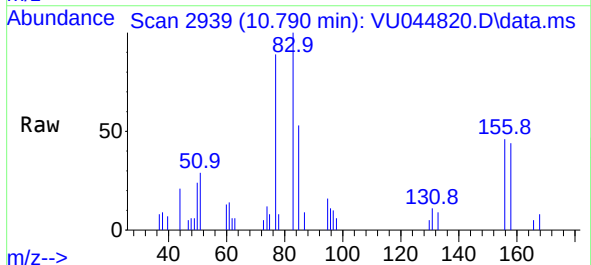
#74  
N-amy1 acetate  
Concen: 0.942 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



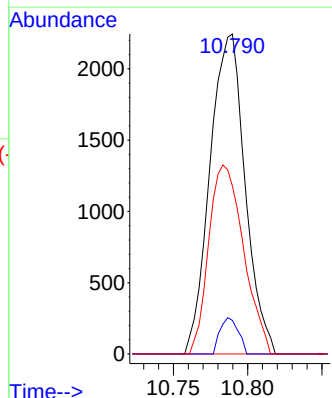
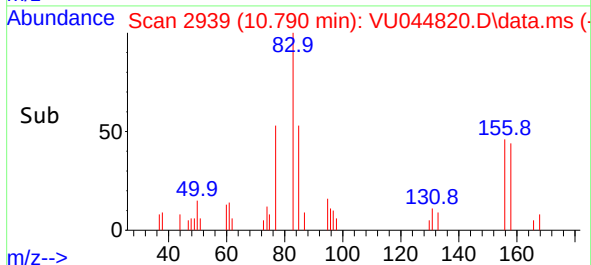
Tgt Ion: 43 Resp: 3064  
Ion Ratio Lower Upper  
43 100  
70 37.9 35.1 52.7  
55 19.3 20.5 30.7#  
61 20.0 19.6 29.4



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.200 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



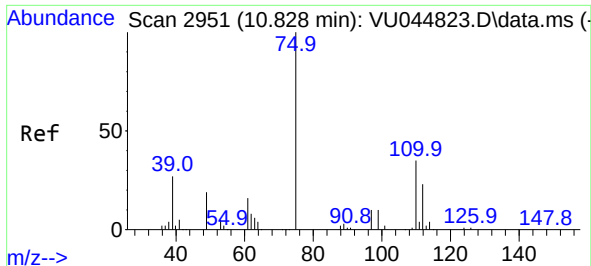
Tgt Ion: 83 Resp: 3693  
Ion Ratio Lower Upper  
83 100  
131 5.9 4.3 13.1  
85 58.5 31.9 95.5



Instrument :  
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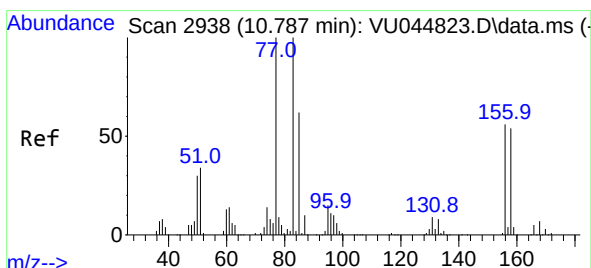
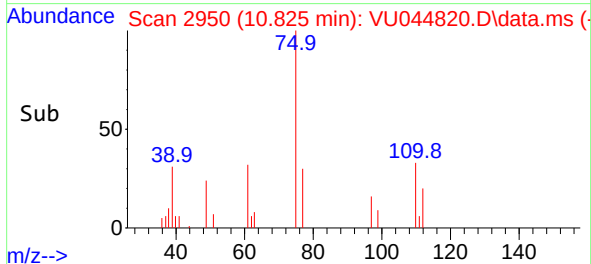
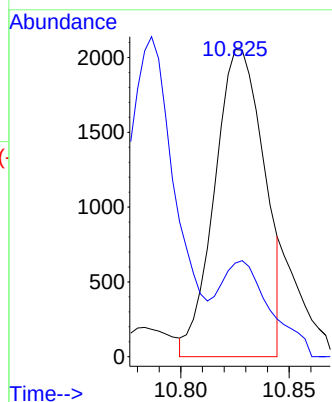
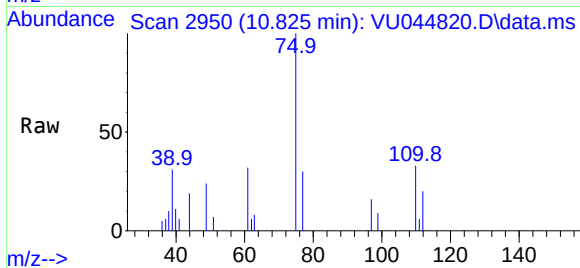
#76  
1,2,3-Trichloropropane  
Concen: 0.954 ug/l m  
RT: 10.825 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 75 Resp: 3257  
Ion Ratio Lower Upper  
75 100  
77 32.4 17.9 53.7

Instrument :  
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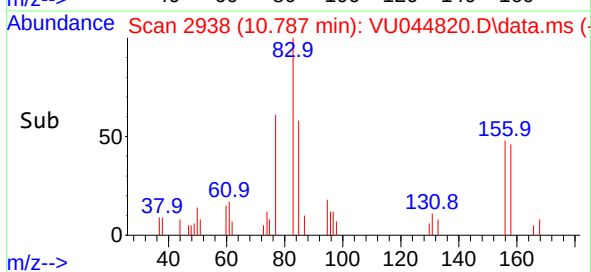
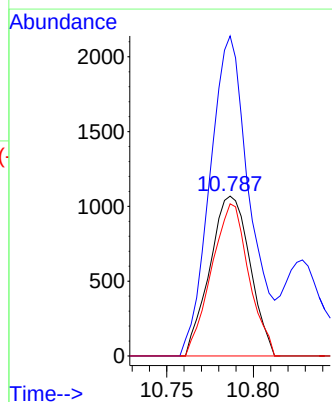
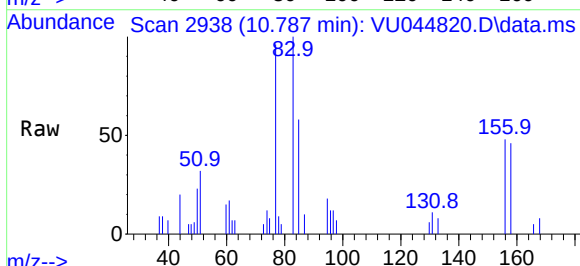
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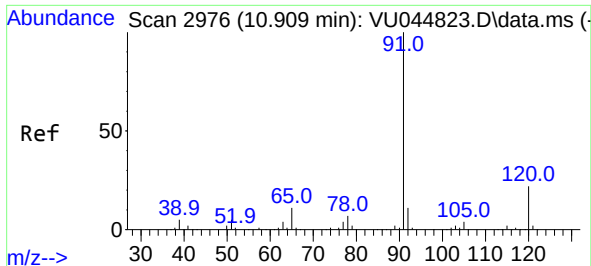
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#77  
Bromobenzene  
Concen: 0.975 ug/l  
RT: 10.787 min Scan# 2938  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 156 Resp: 1722  
Ion Ratio Lower Upper  
156 100  
77 197.6 91.1 273.4  
158 88.4 48.2 144.6





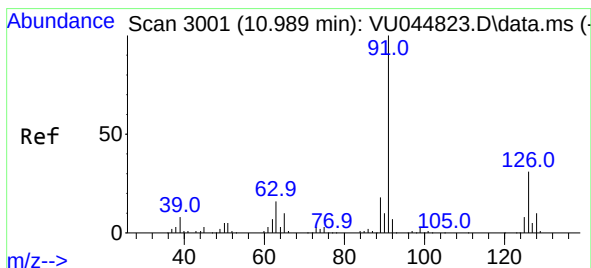
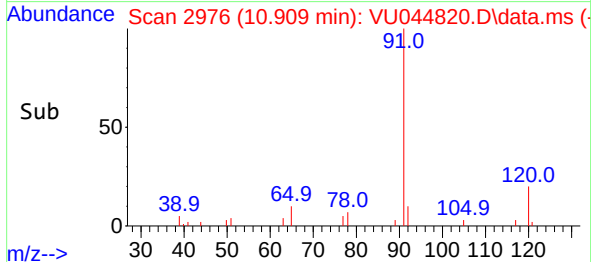
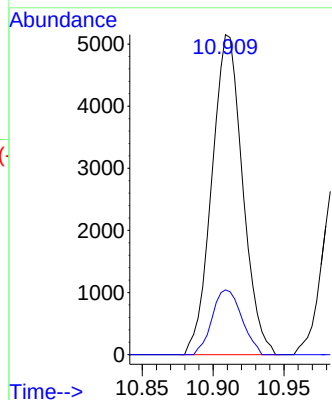
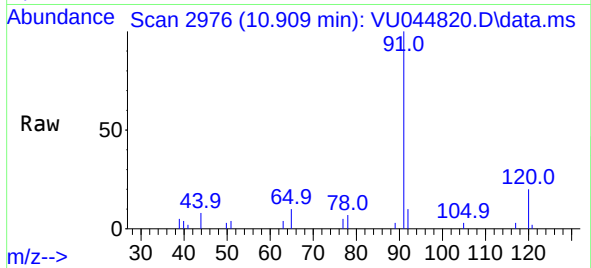
#78  
n-propylbenzene  
Concen: 0.854 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 91 Resp: 7780  
Ion Ratio Lower Upper  
91 100  
120 19.5 10.8 32.4

Instrument :  
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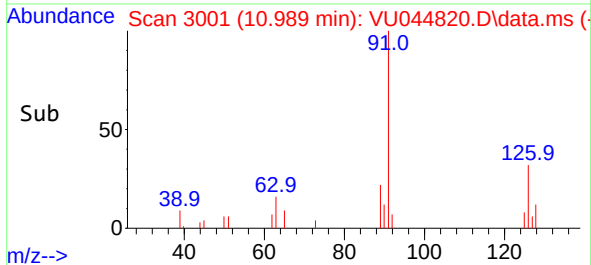
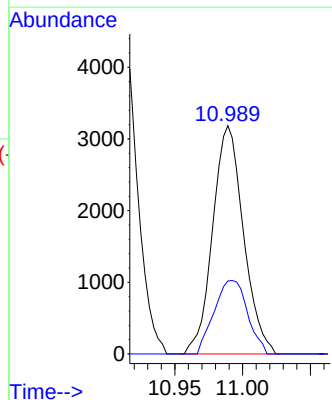
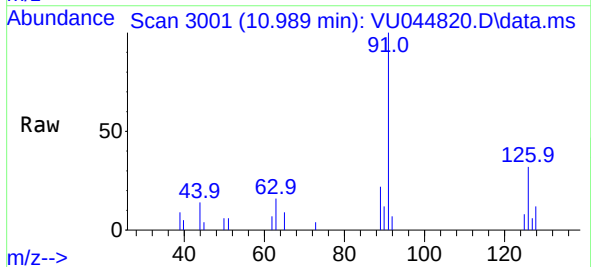
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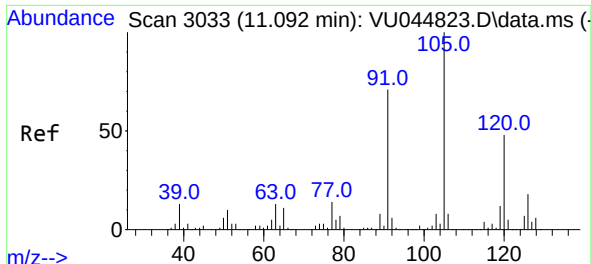


#79  
2-Chlorotoluene  
Concen: 0.933 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 91 Resp: 5040  
Ion Ratio Lower Upper  
91 100  
126 34.7 15.7 47.0







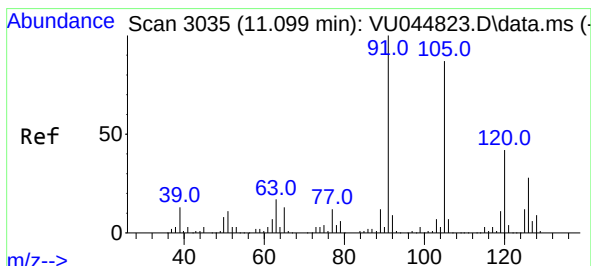
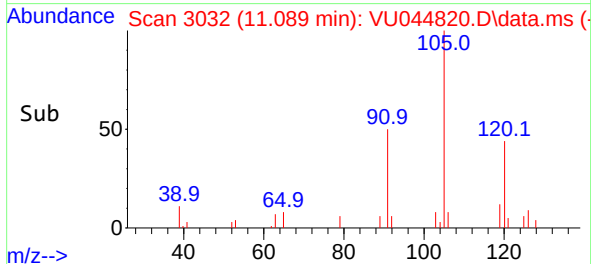
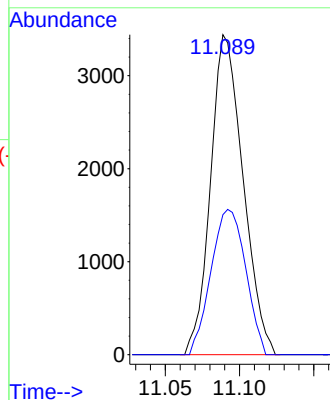
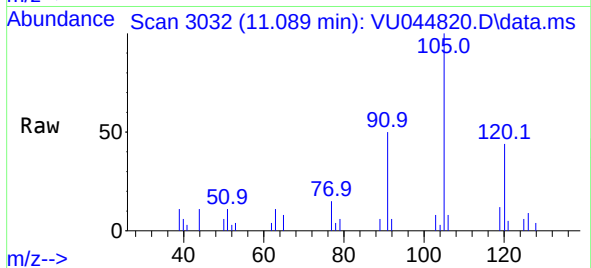
#80  
1,3,5-Trimethylbenzene  
Concen: 0.844 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. -0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion: 105 Resp: 5249  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.2

Instrument :  
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ClientSampleId :  
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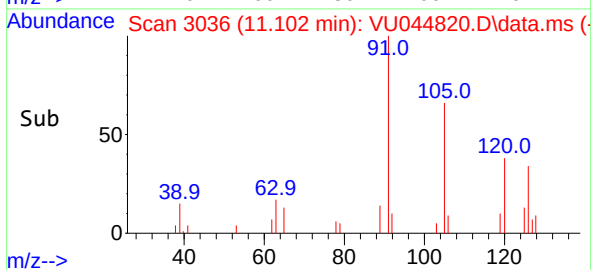
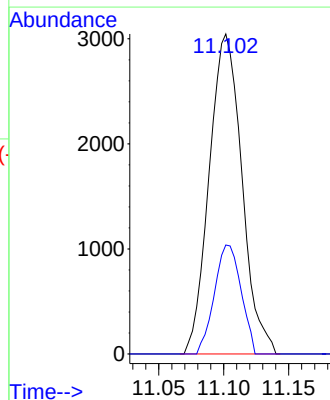
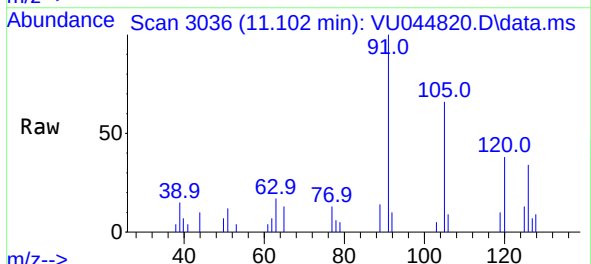
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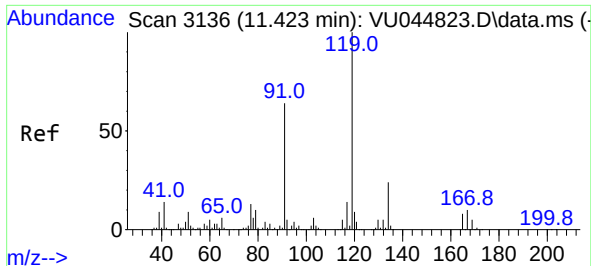
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#82  
4-Chlorotoluene  
Concen: 0.839 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

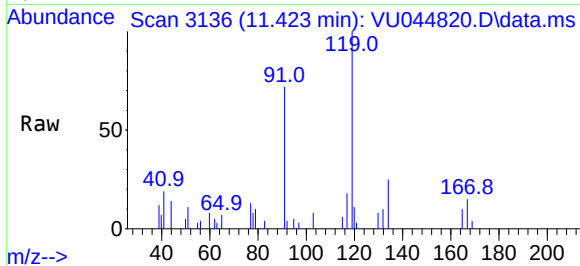
Tgt Ion: 91 Resp: 5326  
Ion Ratio Lower Upper  
91 100  
126 27.7 13.8 41.4





#83  
tert-Butylbenzene  
Concen: 0.893 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

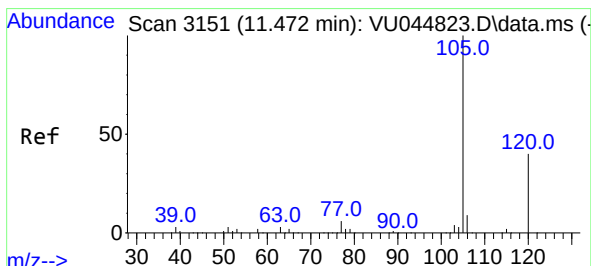
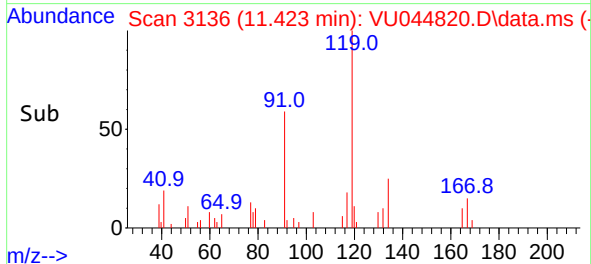
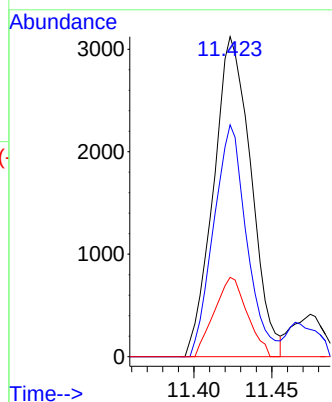
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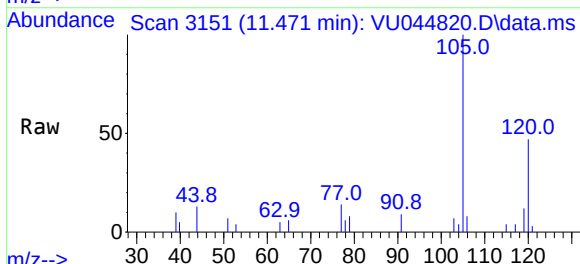
Tgt Ion:119 Resp: 5225  
Ion Ratio Lower Upper  
119 100  
91 64.2 30.4 91.2  
134 21.8 11.5 34.5

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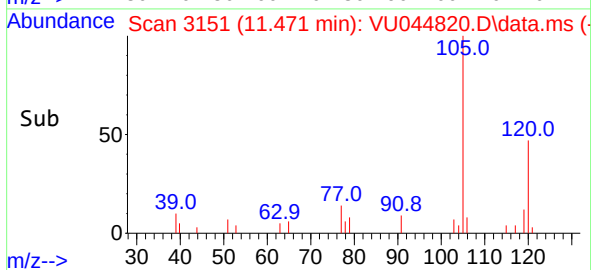
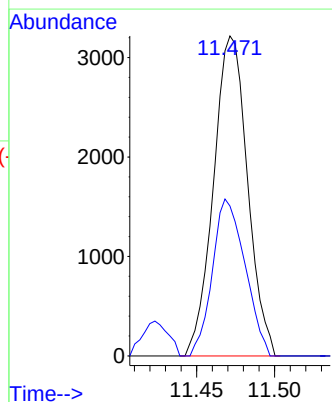
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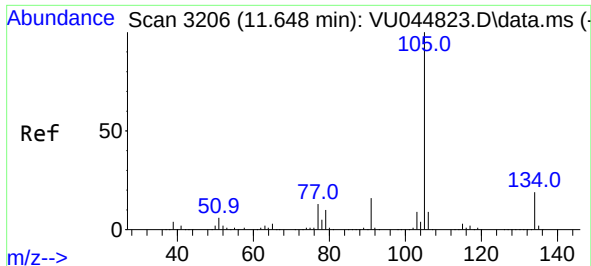


#84  
1,2,4-Trimethylbenzene  
Concen: 0.785 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



Tgt Ion:105 Resp: 4888  
Ion Ratio Lower Upper  
105 100  
120 47.0 22.4 67.3





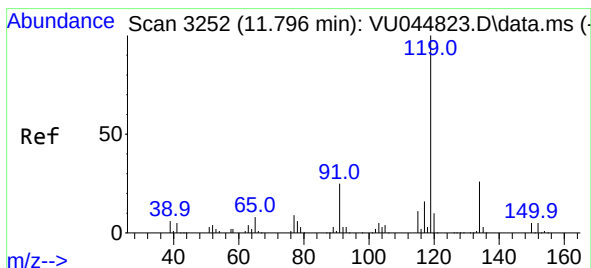
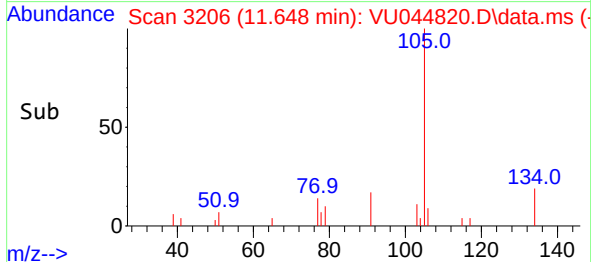
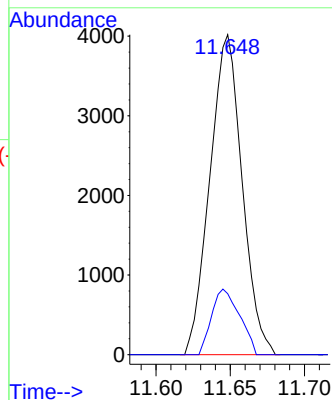
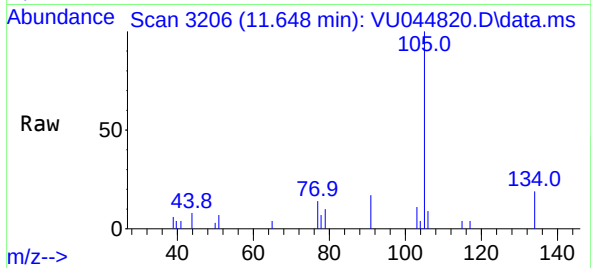
#85  
 sec-Butylbenzene  
 Concen: 0.786 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. -0.000 min  
 Lab File: VU044820.D  
 Acq: 24 Sep 2021 19:19

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 ClientSampleId :  
 VSTDIC001

Tgt Ion:105 Resp: 6066  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 9.3 28.0

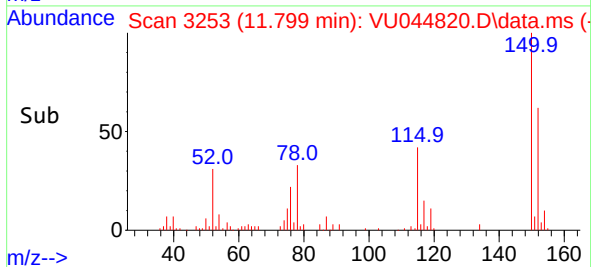
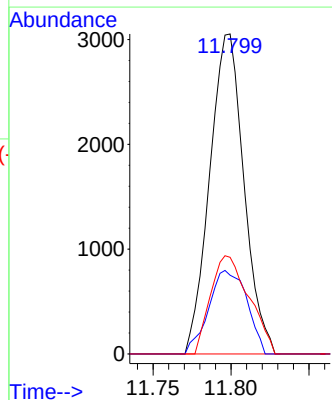
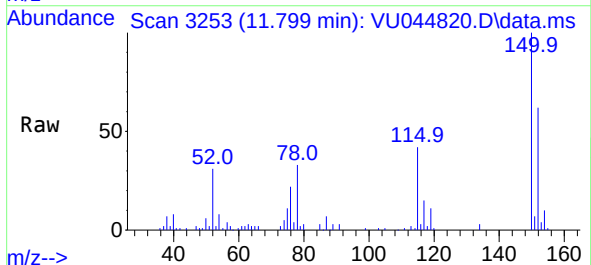
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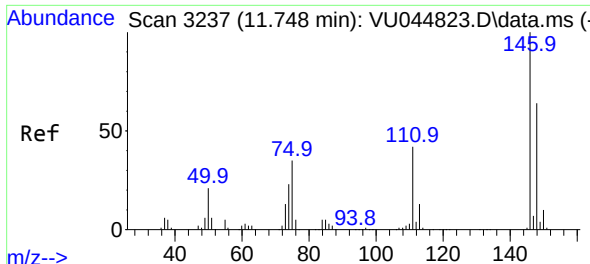
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#86  
 p-Isopropyltoluene  
 Concen: 0.715 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. 0.003 min  
 Lab File: VU044820.D  
 Acq: 24 Sep 2021 19:19

Tgt Ion:119 Resp: 4665  
 Ion Ratio Lower Upper  
 119 100  
 134 29.0 12.8 38.3  
 91 34.5 12.2 36.6





#87

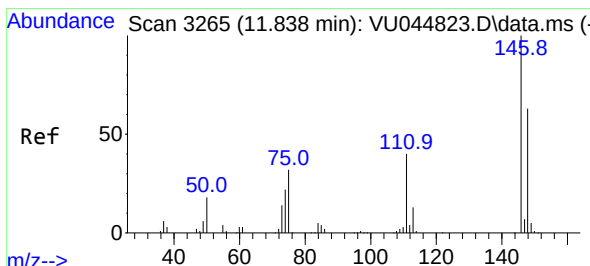
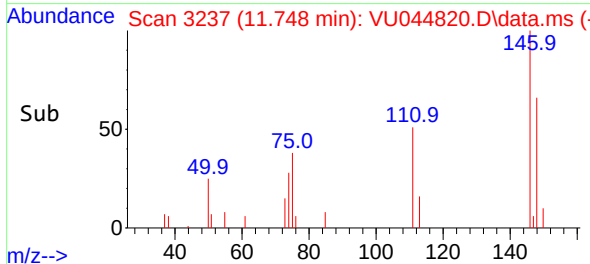
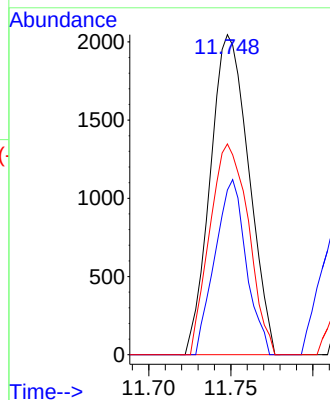
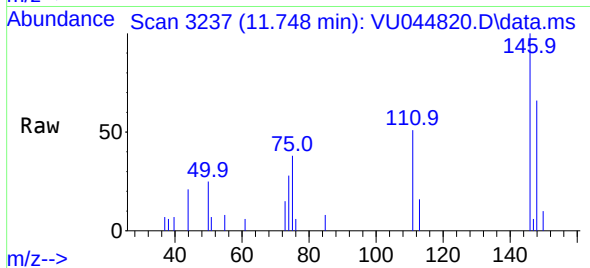
1,3-Dichlorobenzene  
Concen: 0.967 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

Tgt Ion:146 Resp: 3330  
Ion Ratio Lower Upper  
146 100  
111 44.5 21.2 63.6  
148 66.3 32.1 96.3

Instrument :  
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ClientSampled :  
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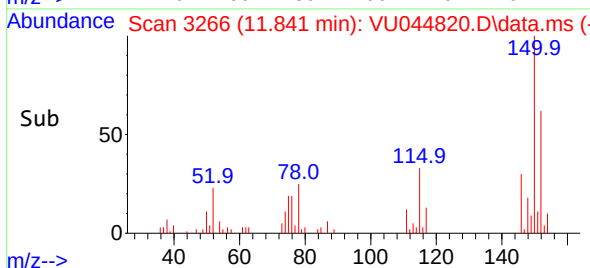
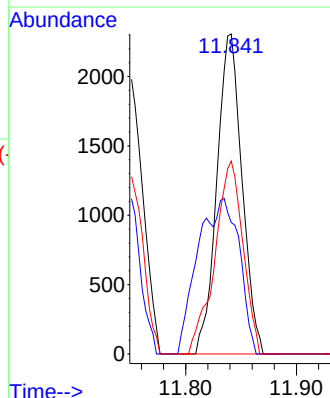
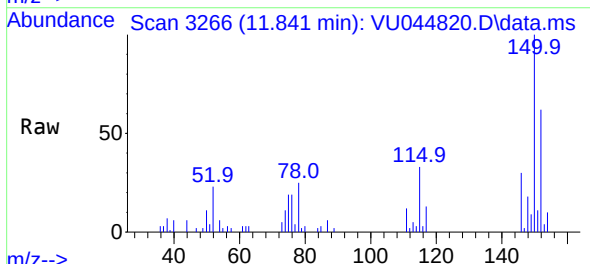
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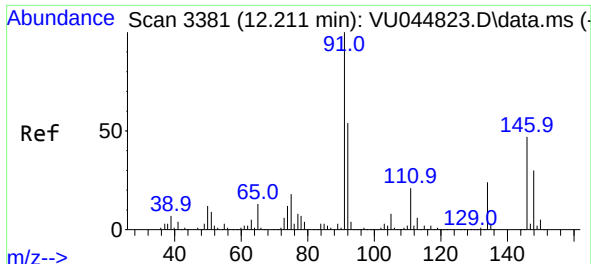


#88

1,4-Dichlorobenzene  
Concen: 0.991 ug/l m  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

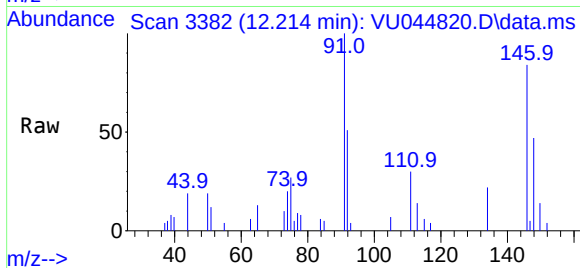
Tgt Ion:146 Resp: 3629  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.3 61.0  
148 60.8 31.8 95.3





#89  
n-Butylbenzene  
Concen: 0.663 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

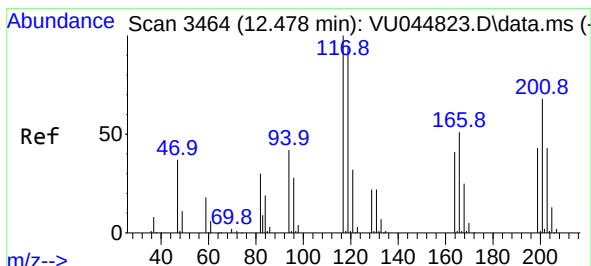
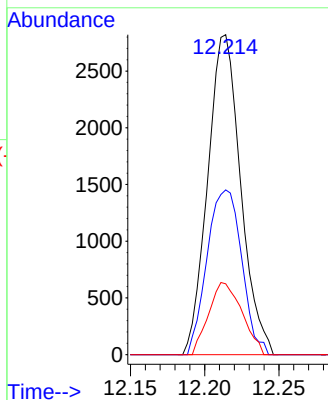
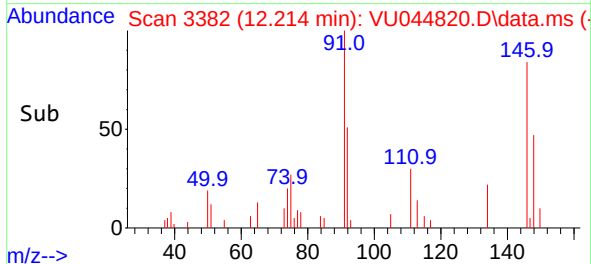
Instrument :  
MSVOA\_U  
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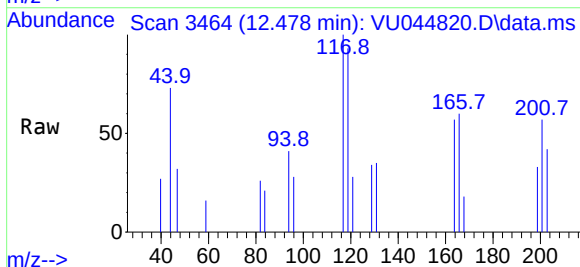
Tgt Ion: 91 Resp: 4360  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.8 80.4  
134 22.8 11.8 35.4

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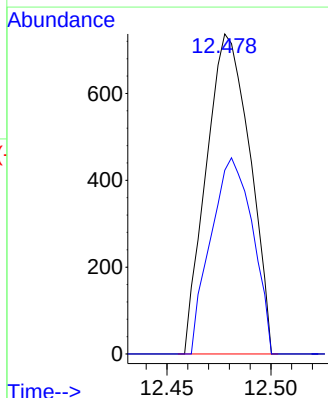
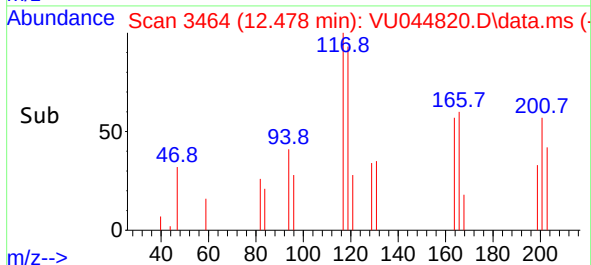
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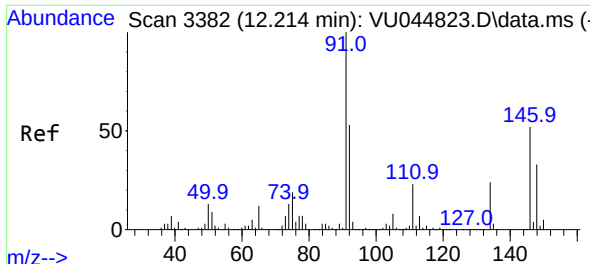


#90  
Hexachloroethane  
Concen: 1.021 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

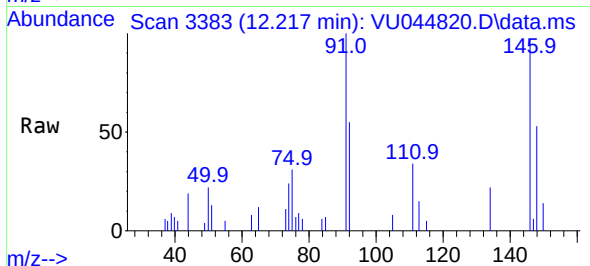


Tgt Ion: 117 Resp: 1076  
Ion Ratio Lower Upper  
117 100  
201 58.9 34.8 104.3

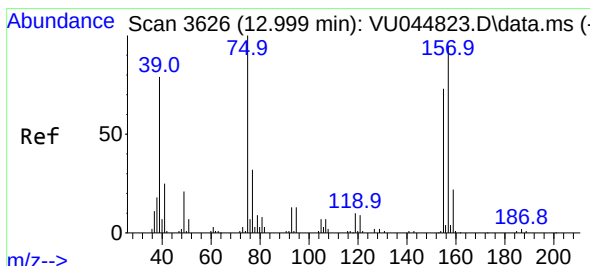
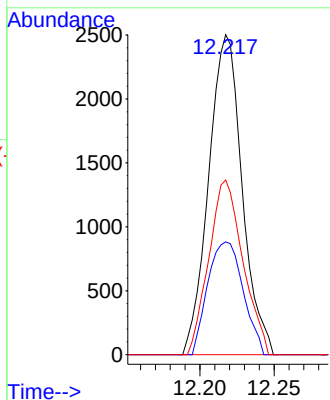
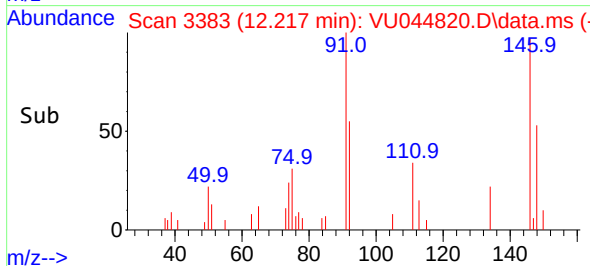




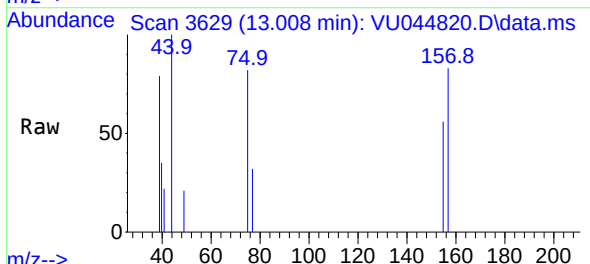
#91  
1,2-Dichlorobenzene  
Concen: 1.123 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



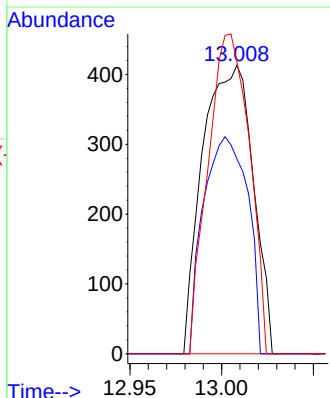
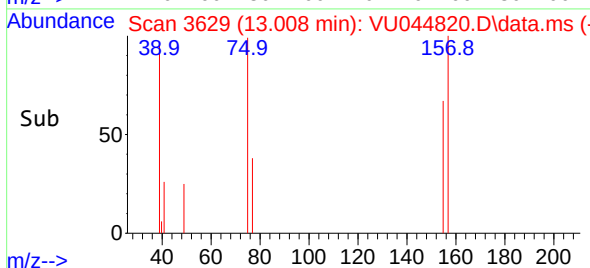
Tgt Ion: 146 Resp: 3919  
Ion Ratio Lower Upper  
146 100  
111 37.3 21.4 64.3  
148 55.7 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.107 ug/l  
RT: 13.008 min Scan# 3629  
Delta R.T. 0.010 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



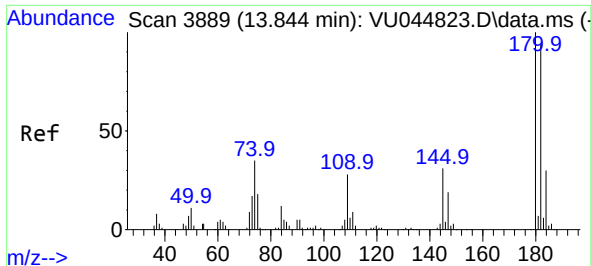
Tgt Ion: 75 Resp: 790  
Ion Ratio Lower Upper  
75 100  
155 65.9 36.9 110.6  
157 90.9 47.8 143.3



Instrument :  
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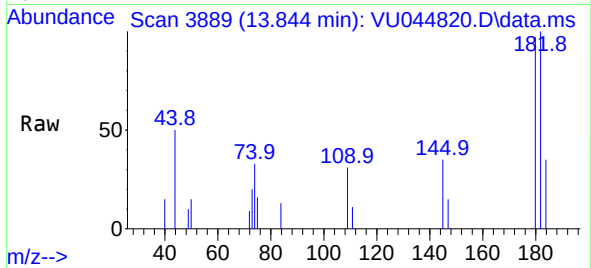
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#93  
1,2,4-Trichlorobenzene  
Concen: 0.774 ug/l  
RT: 13.844 min Scan# 3889  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

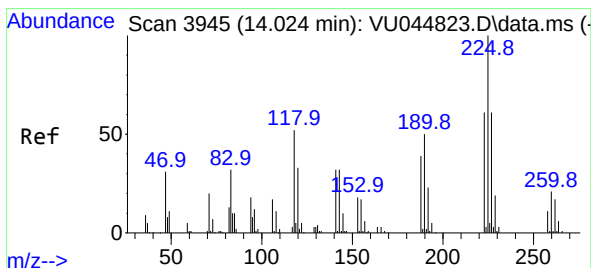
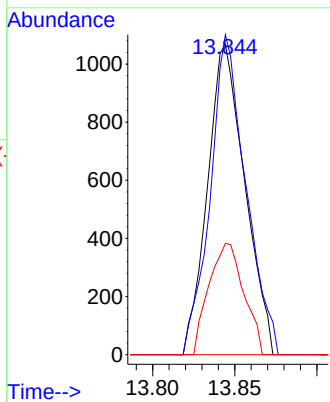
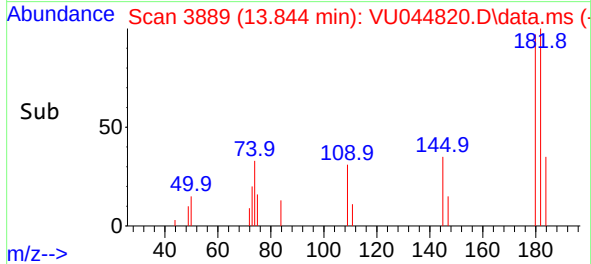
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ClientSampled :  
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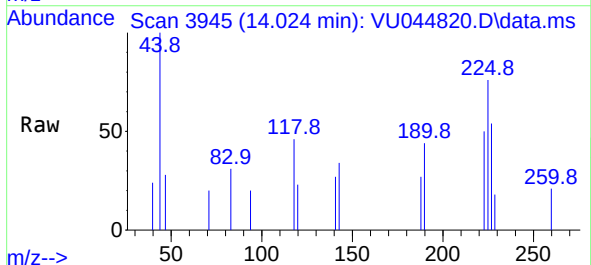
Tgt Ion:180 Resp: 1685  
Ion Ratio Lower Upper  
180 100  
182 98.3 47.4 142.3  
145 33.6 15.4 46.2

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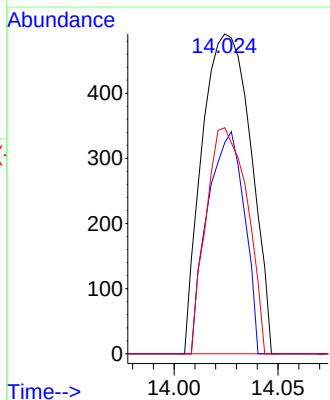
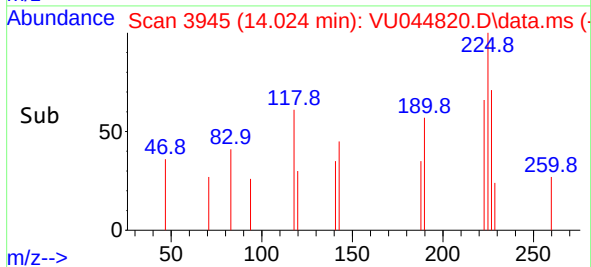
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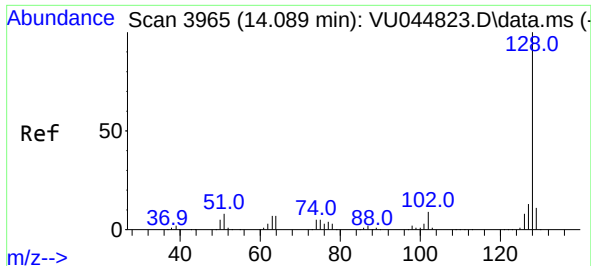


#94  
Hexachlorobutadiene  
Concen: 0.712 ug/l  
RT: 14.024 min Scan# 3945  
Delta R.T. -0.000 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



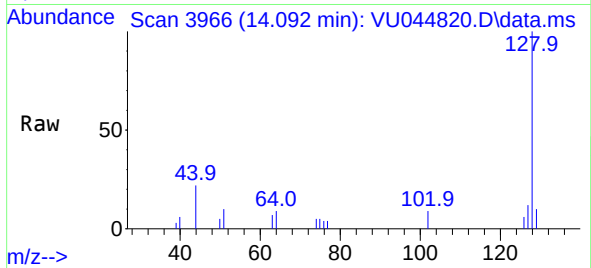
Tgt Ion:225 Resp: 803  
Ion Ratio Lower Upper  
225 100  
223 52.4 31.1 93.3  
227 59.4 31.4 94.3





#95  
Naphthalene  
Concen: 0.803 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19

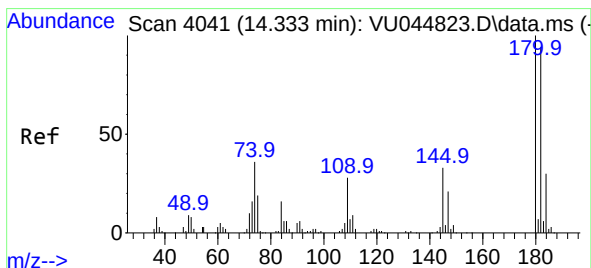
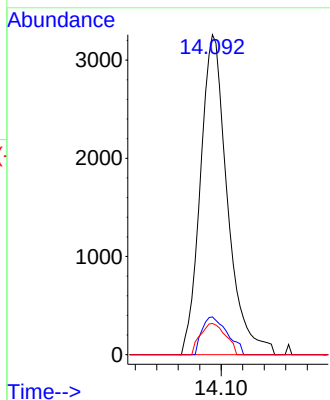
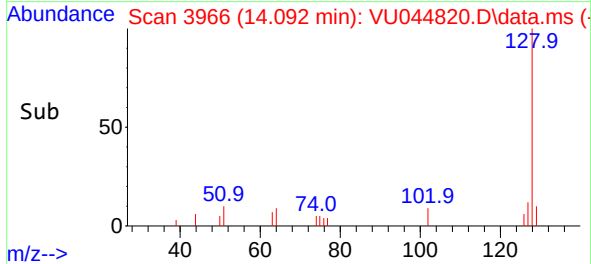
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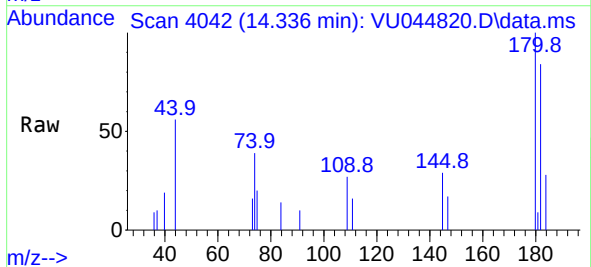
Tgt Ion:128 Resp: 5676  
Ion Ratio Lower Upper  
128 100  
127 11.1 10.4 15.6  
129 9.1 8.6 13.0

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#96  
1,2,3-Trichlorobenzene  
Concen: 0.827 ug/l  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.003 min  
Lab File: VU044820.D  
Acq: 24 Sep 2021 19:19



Tgt Ion:180 Resp: 1765  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.1 141.4  
145 30.1 16.4 49.2

