

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU040921\  
 Data File : VU043009.D  
 Acq On : 09 Apr 2021 17:50  
 Operator : SY/MD  
 Sample : M1977-03MS  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GWBR3-200-220-040721MS

Manual Integrations  
 APPROVED

MMDadoda  
 4/12/2021 9:59:06 AM

Quant Time: Apr 10 05:08:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 09 09:26:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|------------------------------|--------|------|----------|--------|--------|----------|
| -----                        |        |      |          |        |        |          |
| Internal Standards           |        |      |          |        |        |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 109081   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 170987   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 166101   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 94667    | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |        |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 87082    | 48.83  | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 97.66% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 60632    | 48.56  | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 97.12% |          |
| 50) Toluene-d8               | 7.906  | 98   | 218053   | 48.48  | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 96.96% |          |
| 62) 4-Bromofluorobenzene     | 10.639 | 95   | 86081    | 46.85  | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 93.70% |          |
| Target Compounds             |        |      |          |        |        |          |
|                              |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 49056    | 47.37  | ug/l   | 99       |
| 3) Chloromethane             | 1.523  | 50   | 60114    | 49.16  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.607  | 62   | 56217    | 48.65  | ug/l   | 92       |
| 5) Bromomethane              | 1.848  | 94   | 29630    | 42.78  | ug/l   | 99       |
| 6) Chloroethane              | 1.929  | 64   | 41644    | 48.69  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 101398   | 50.73  | ug/l   | 100      |
| 8) Diethyl Ether             | 2.382  | 74   | 33860    | 52.88  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.585  | 101  | 51624    | 50.25  | ug/l   | 99       |
| 10) Methyl Iodide            | 2.726  | 142  | 73172    | 52.03  | ug/l   | 100      |
| 11) Tert butyl alcohol       | 3.192  | 59   | 110385m  | 227.68 | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.585  | 96   | 70086    | 69.75  | ug/l   | 99       |
| 13) Acrolein                 | 2.491  | 56   | 72503    | 211.67 | ug/l   | 98       |
| 14) Allyl chloride           | 2.929  | 41   | 117656   | 51.00  | ug/l   | 99       |
| 15) Acrylonitrile            | 3.318  | 53   | 241918   | 251.93 | ug/l   | 99       |
| 16) Acetone                  | 2.633  | 43   | 252648   | 252.65 | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.797  | 76   | 137712   | 48.02  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.951  | 43   | 117648   | 51.60  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 203809   | 51.46  | ug/l   | 99       |
| 20) Methylene Chloride       | 3.051  | 84   | 60329    | 47.13  | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 57177    | 50.26  | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.999  | 45   | 236138   | 51.51  | ug/l   | 92       |
| 23) Vinyl Acetate            | 3.964  | 43   | 1132131  | 257.34 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.877  | 63   | 120549   | 53.56  | ug/l   | 99       |
| 25) 2-Butanone               | 4.710  | 43   | 408590   | 255.72 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 102884   | 51.24  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.674  | 96   | 81067    | 63.51  | ug/l   | 99       |
| 28) Bromochloromethane       | 4.983  | 49   | 60413    | 51.27  | ug/l # | 98       |
| 29) Tetrahydrofuran          | 5.057  | 42   | 258666   | 252.93 | ug/l   | 99       |
| 30) Chloroform               | 5.096  | 83   | 134545   | 55.40  | ug/l   | 99       |
| 31) Cyclohexane              | 5.395  | 56   | 104589   | 48.66  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.324  | 97   | 108881   | 52.20  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.533  | 75   | 85230    | 50.76  | ug/l   | 96       |
| 37) Ethyl Acetate            | 4.810  | 43   | 144082   | 49.84  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 94369    | 51.02  | ug/l   | 94       |
| 39) Methylcyclohexane        | 6.771  | 83   | 95443    | 51.56  | ug/l   | 97       |
| 40) Benzene                  | 5.781  | 78   | 254295   | 51.77  | ug/l   | 100      |

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 ALS Vial : 13 Sample Multiplier: 1

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 GWBR3-200-220-040721MS

Manual Integrations  
 APPROVED

MMDadoda  
 4/12/2021 9:59:06 AM

Quant Time: Apr 10 05:08:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 09 09:26:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 79816    | 51.87   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 116188   | 53.30   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.919  | 43   | 215226   | 51.27   | ug/l   | 99       |
| 44) Trichloroethene           | 6.549  | 130  | 117857   | 92.93   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 70449    | 51.25   | ug/l   | 97       |
| 46) Dibromomethane            | 6.925  | 93   | 50085    | 52.55   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.112  | 83   | 100623   | 52.74   | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.967  | 41   | 111817   | 52.30   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 6.983  | 88   | 46377    | 1011.10 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 794022   | 220.70  | ug/l   | 99       |
| 52) Toluene                   | 7.977  | 92   | 653872   | 212.07  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.218  | 75   | 110364   | 46.46   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.613  | 75   | 110495   | 46.50   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 68671    | 52.21   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.340  | 69   | 113821   | 44.30   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.581  | 76   | 118998   | 52.09   | ug/l   | 99       |
| 59) 2-Hexanone                | 8.694  | 43   | 671436   | 225.44  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.816  | 129  | 80254    | 46.69   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.932  | 107  | 77549    | 51.74   | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.559  | 164  | 55894    | 51.62   | ug/l   | 98       |
| 65) Chlorobenzene             | 9.452  | 112  | 173242   | 50.78   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 68962    | 51.46   | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.578  | 91   | 322693   | 52.68   | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.700  | 106  | 239900   | 107.05  | ug/l   | 99       |
| 69) o-Xylene                  | 10.108 | 106  | 114782   | 52.84   | ug/l   | 98       |
| 70) Styrene                   | 10.121 | 104  | 195835   | 46.28   | ug/l   | 99       |
| 71) Bromoform                 | 10.298 | 173  | 66550    | 44.07   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.491 | 105  | 318096   | 52.81   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.327 | 43   | 201970   | 54.52   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 134148   | 49.57   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 138076m  | 51.14   | ug/l   |          |
| 77) Bromobenzene              | 10.790 | 156  | 83396    | 50.99   | ug/l   | 97       |
| 78) n-propylbenzene           | 10.912 | 91   | 388686   | 53.16   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.993 | 91   | 227945   | 51.52   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 281074   | 52.75   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.552 | 75   | 44702    | 46.83   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.102 | 91   | 271769   | 51.61   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.427 | 119  | 278562   | 52.30   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 292074   | 52.95   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.652 | 105  | 326375   | 52.50   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.800 | 119  | 303374   | 53.98   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 152412   | 49.72   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 155187   | 49.85   | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.214 | 91   | 285524   | 49.12   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.481 | 117  | 53420    | 46.99   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 156962   | 51.71   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.002 | 75   | 40601    | 52.46   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 109991   | 58.12   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 54335    | 52.48   | ug/l   | 99       |
| 95) Naphthalene               | 14.092 | 128  | 351001   | 51.69   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 106932   | 56.84   | ug/l   | 100      |

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 ALS Vial : 13 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 GWBR3-200-220-040721MS

**Manual Integrations**  
**APPROVED**

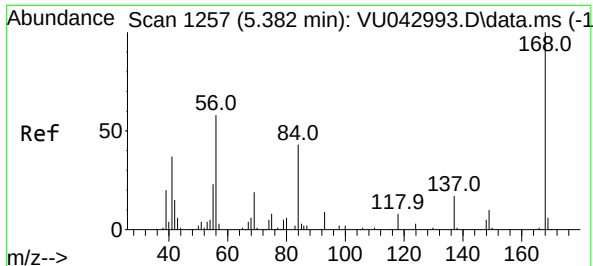
MMDadoda  
 4/12/2021 9:59:06 AM

Quant Time: Apr 10 05:08:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U040921W.M  
 Quant Title : SW846 8260  
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 Response via : Initial Calibration

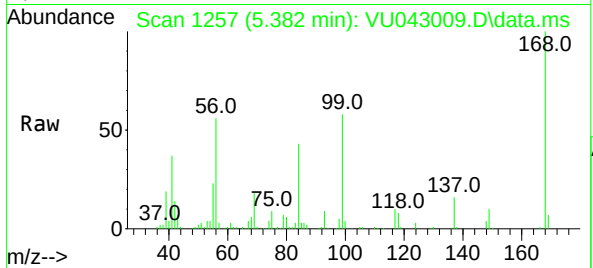
| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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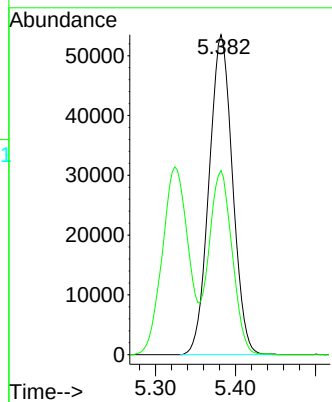
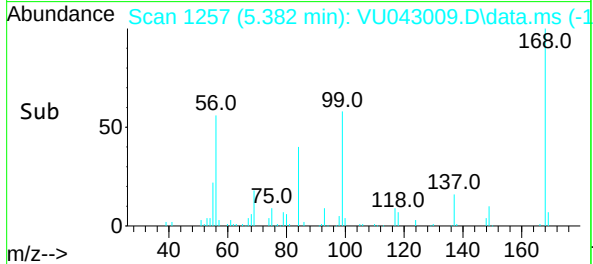
[illegible]



#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



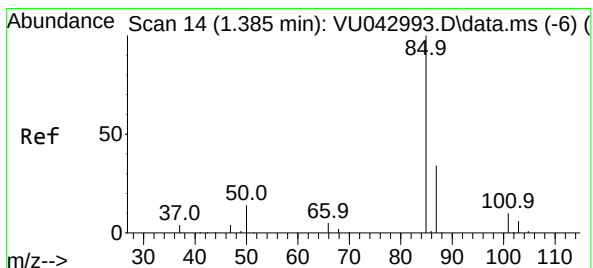
Tgt Ion:168 Resp: 109081  
Ion Ratio Lower Upper  
168 100  
99 57.5 47.5 71.3



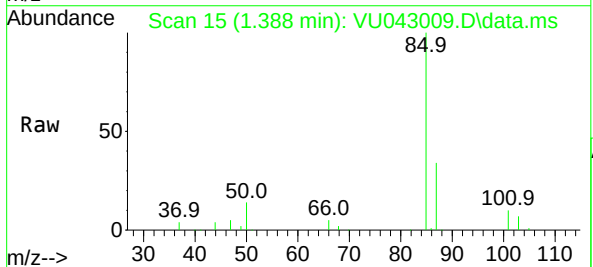
Instrument :  
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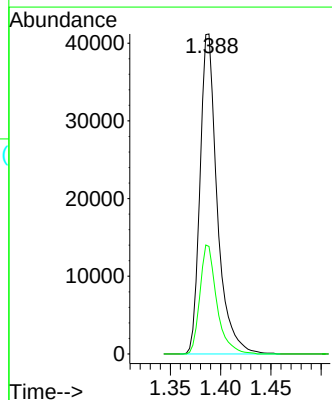
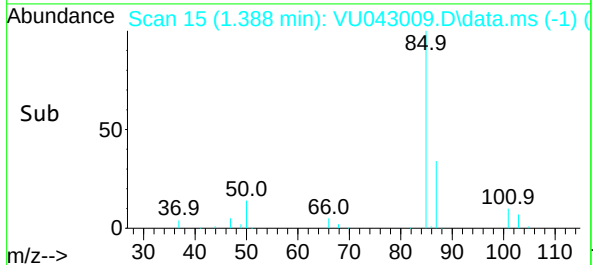
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4/12/2021 9:59:06 AM

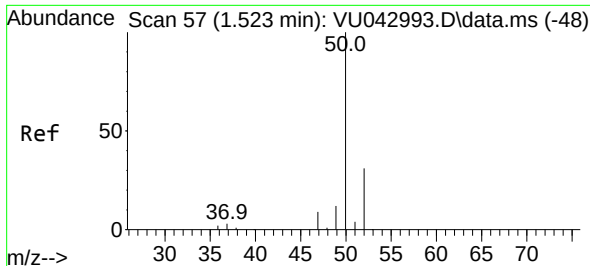


#2  
Dichlorodifluoromethane  
Concen: 47.37 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 85 Resp: 49056  
Ion Ratio Lower Upper  
85 100  
87 33.6 17.0 50.9





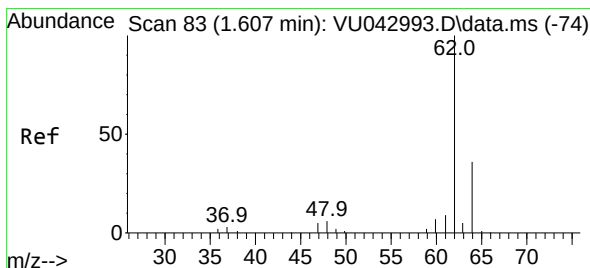
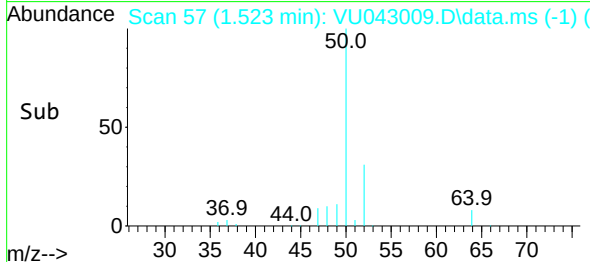
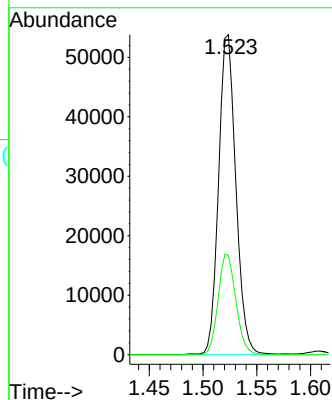
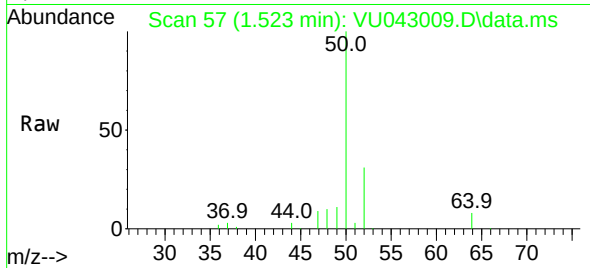
#3  
Chloromethane  
Concen: 49.16 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 50 Resp: 60114  
Ion Ratio Lower Upper  
50 100  
52 31.1 25.0 37.4

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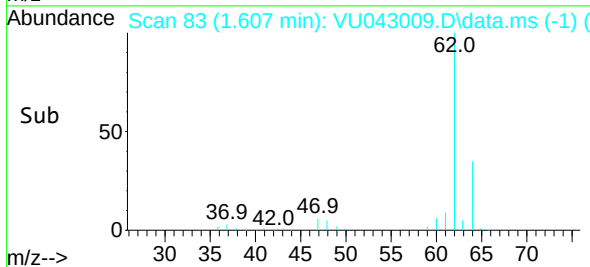
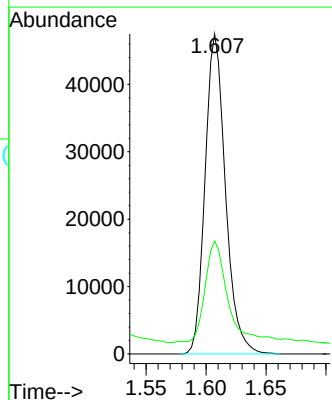
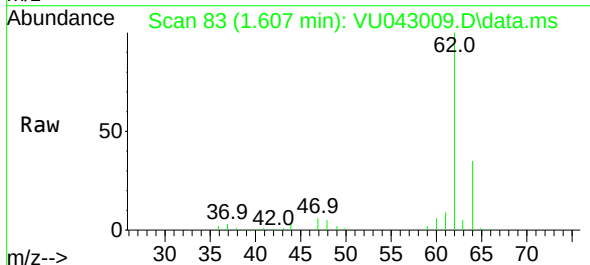
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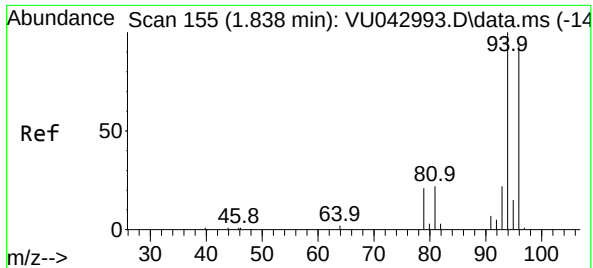
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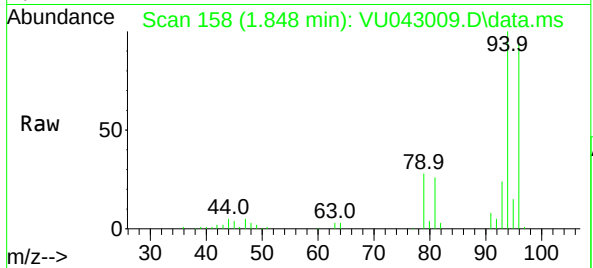
#4  
Vinyl Chloride  
Concen: 48.65 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 62 Resp: 56217  
Ion Ratio Lower Upper  
62 100  
64 31.3 28.9 43.3

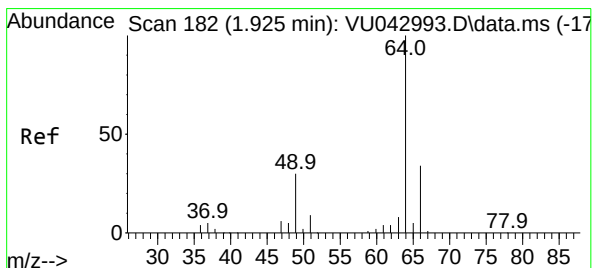
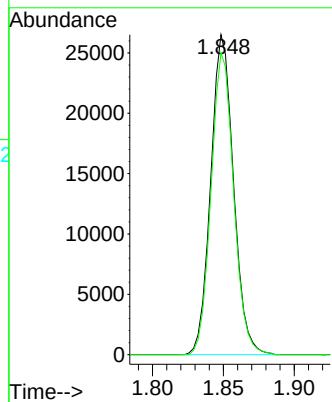
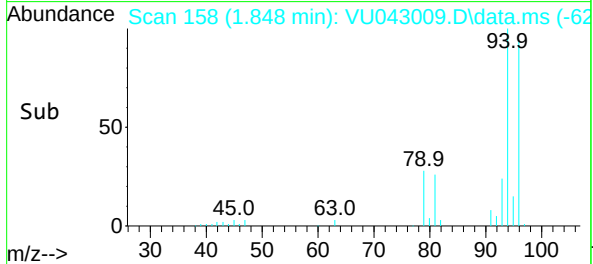




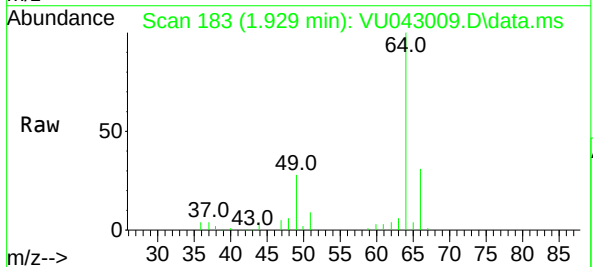
#5  
Bromomethane  
Concen: 42.78 ug/l  
RT: 1.848 min Scan# 158  
Delta R.T. 0.010 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



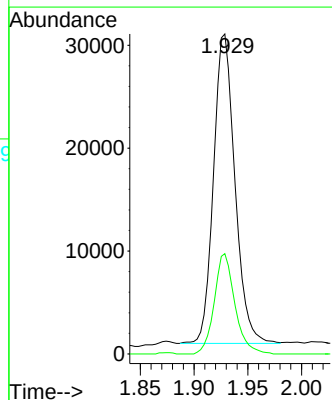
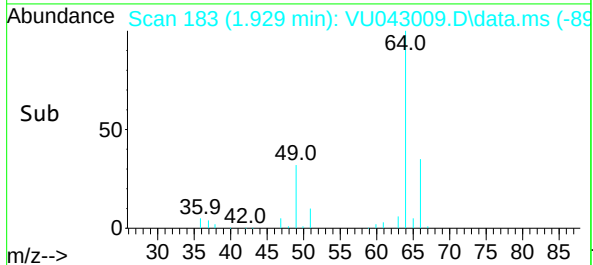
Tgt Ion: 94 Resp: 29630  
Ion Ratio Lower Upper  
94 100  
96 94.4 74.7 112.1



#6  
Chloroethane  
Concen: 48.69 ug/l  
RT: 1.929 min Scan# 183  
Delta R.T. 0.004 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



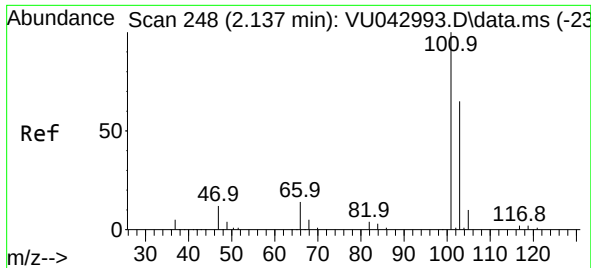
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Ion Ratio Lower Upper  
64 100  
66 32.4 26.9 40.3



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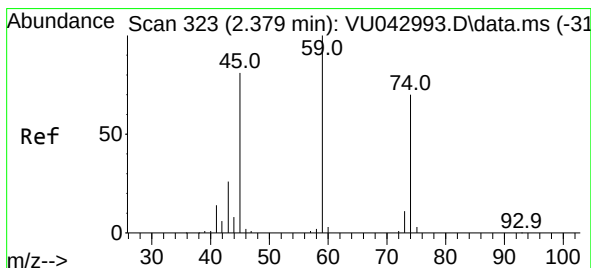
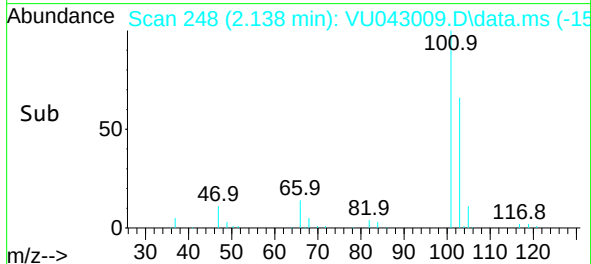
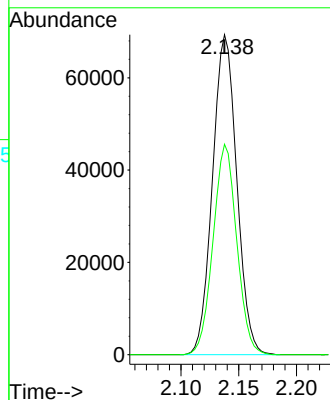
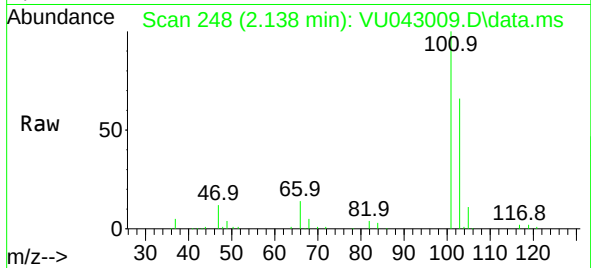
#7  
 Trichlorofluoromethane  
 Concen: 50.73 ug/l  
 RT: 2.138 min Scan# 248  
 Delta R.T. 0.000 min  
 Lab File: VU043009.D  
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Tgt Ion:101 Resp: 101398  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 52.4 78.6

Instrument :  
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 ClientSampleId :  
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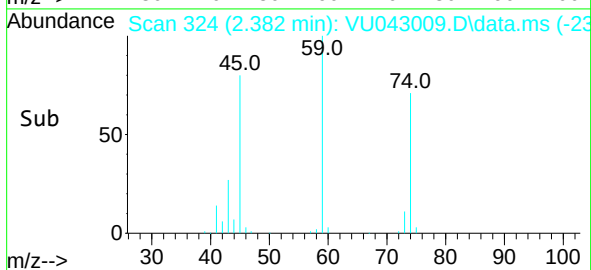
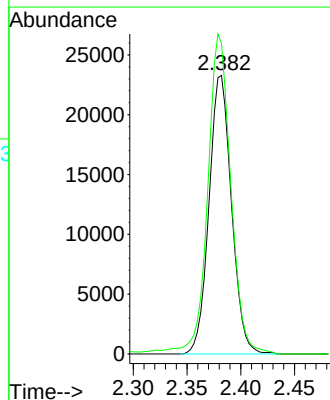
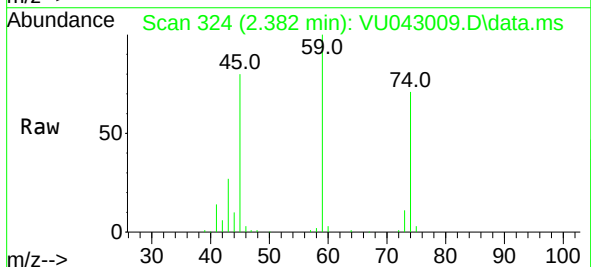
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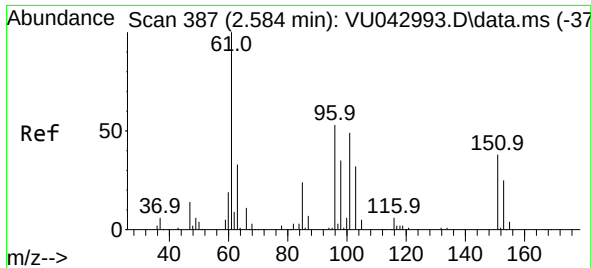


#8  
 Diethyl Ether  
 Concen: 52.88 ug/l  
 RT: 2.382 min Scan# 324  
 Delta R.T. 0.003 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion: 74 Resp: 33860  
 Ion Ratio Lower Upper  
 74 100  
 45 119.0 57.8 173.3







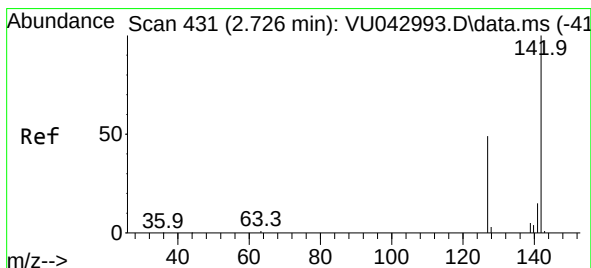
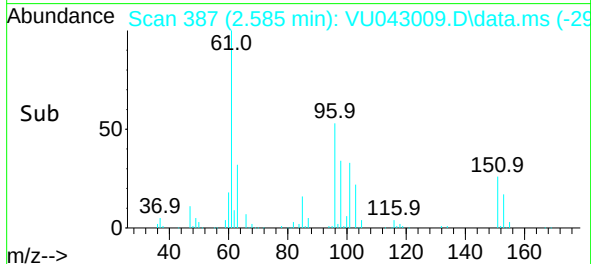
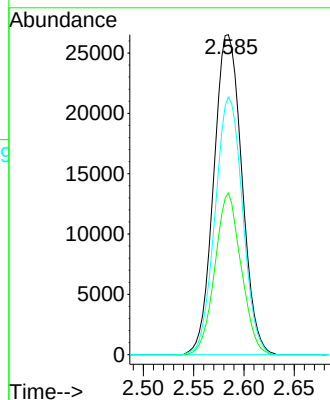
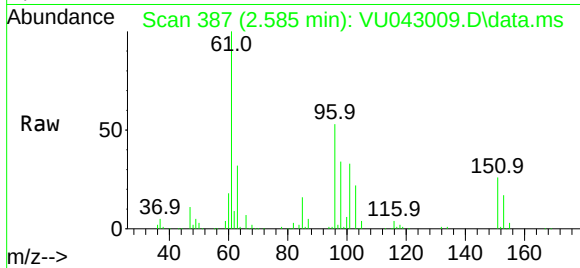
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.25 ug/l  
RT: 2.585 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 51624 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 47.0  | 38.2  | 57.4  |
| 151       | 78.7  | 63.2  | 94.8  |

Instrument :  
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ClientSampleId :  
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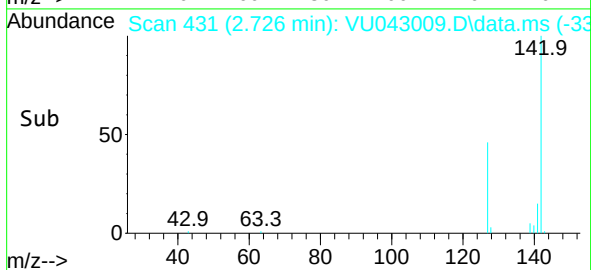
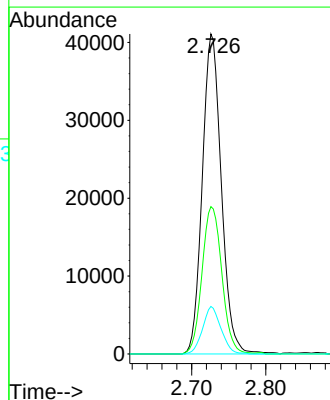
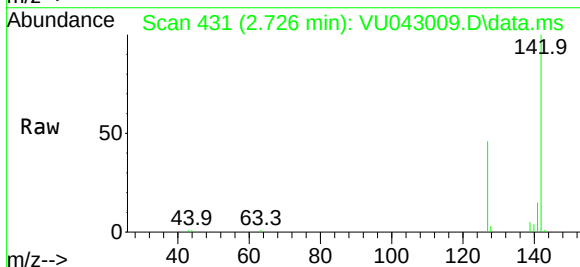
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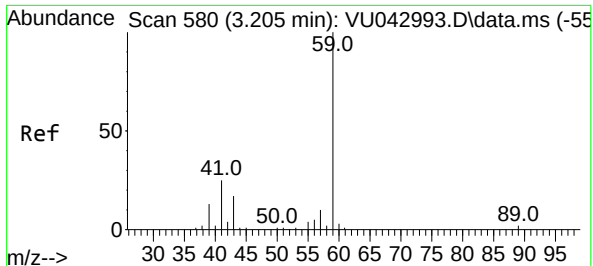
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#10  
Methyl Iodide  
Concen: 52.03 ug/l  
RT: 2.726 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

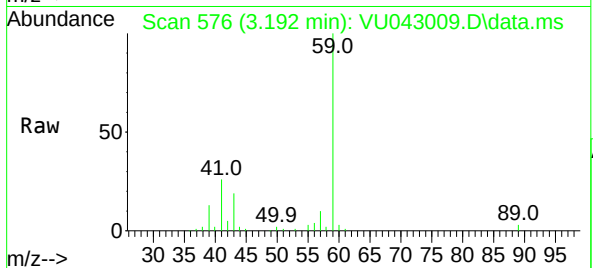
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 73172 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 48.0  | 38.4  | 57.6  |
| 141       | 14.3  | 11.7  | 17.5  |





#11  
Tert butyl alcohol  
Concen: 227.68 ug/l m  
RT: 3.192 min Scan# 576  
Delta R.T. -0.013 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

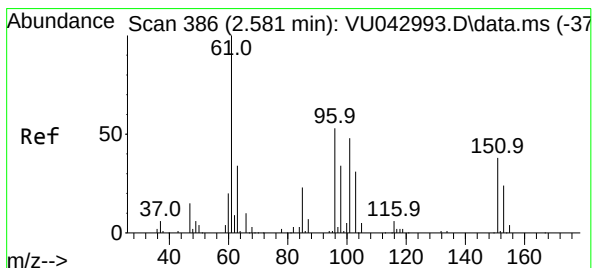
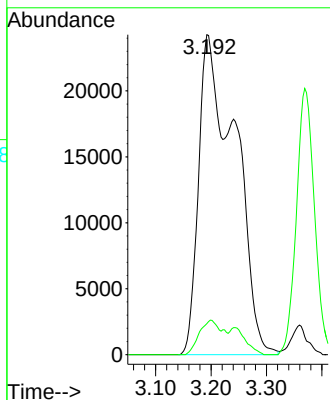
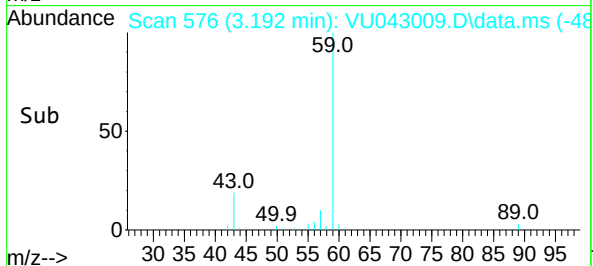
Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS



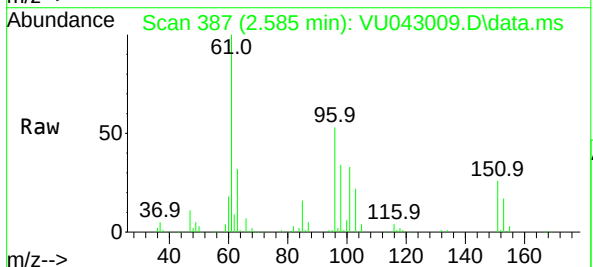
Tgt Ion: 59 Resp: 110385  
Ion Ratio Lower Upper  
59 100  
57 5.8 8.6 13.0#

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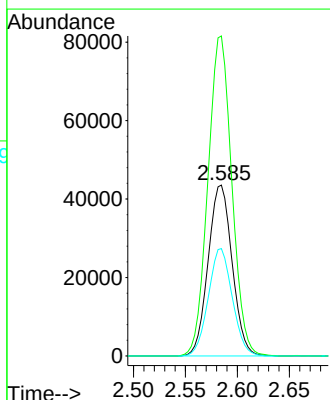
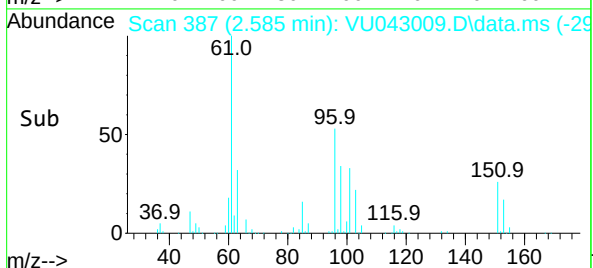
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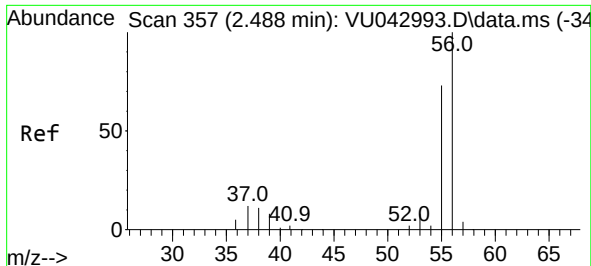


#12  
1,1-Dichloroethene  
Concen: 69.75 ug/l  
RT: 2.585 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

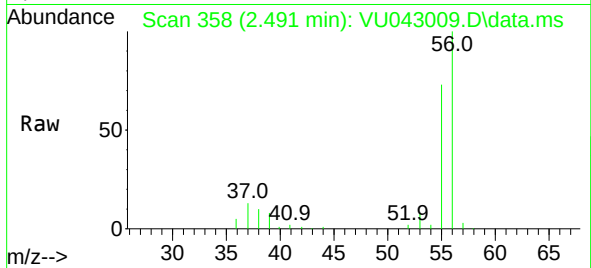


Tgt Ion: 96 Resp: 70086  
Ion Ratio Lower Upper  
96 100  
61 187.3 150.2 225.2  
98 62.9 51.6 77.4

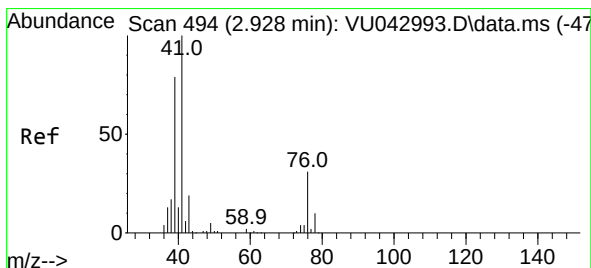
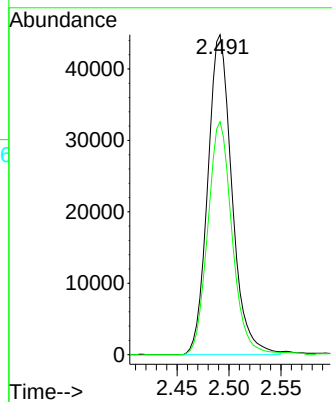
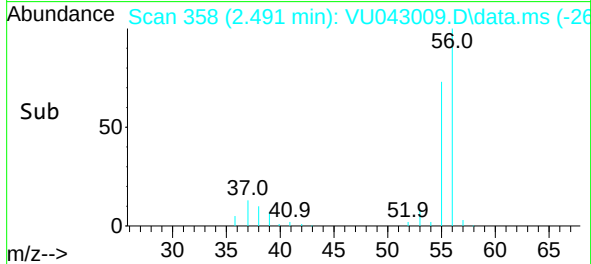




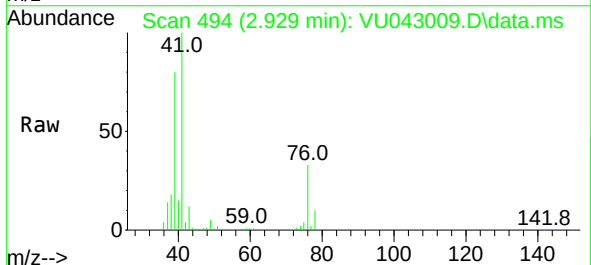
#13  
Acrolein  
Concen: 211.67 ug/l  
RT: 2.491 min Scan# 358  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



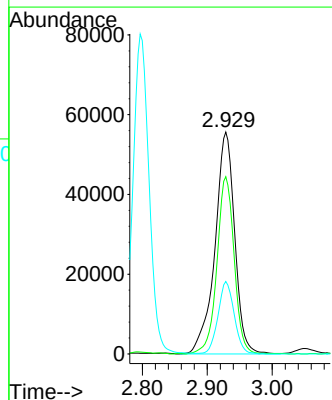
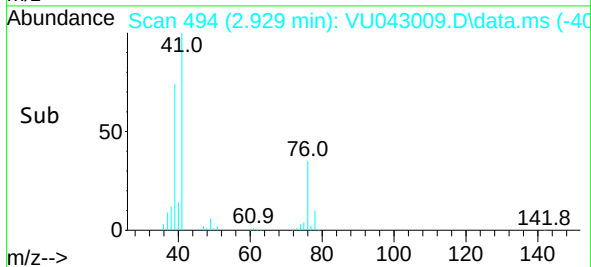
Tgt Ion: 56 Resp: 72503  
Ion Ratio Lower Upper  
56 100  
55 73.5 57.4 86.2



#14  
Allyl chloride  
Concen: 51.00 ug/l  
RT: 2.929 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



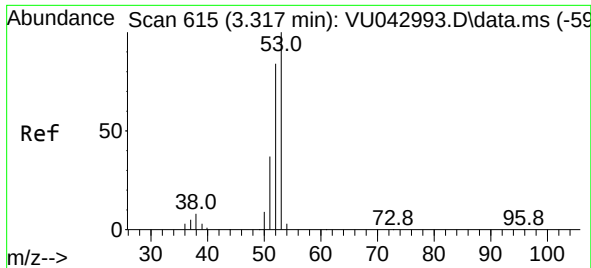
Tgt Ion: 41 Resp: 117656  
Ion Ratio Lower Upper  
41 100  
39 69.4 56.4 84.6  
76 26.6 21.4 32.0



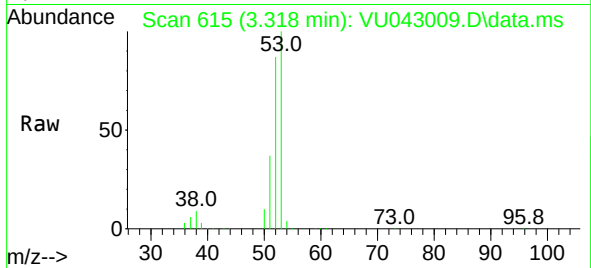
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MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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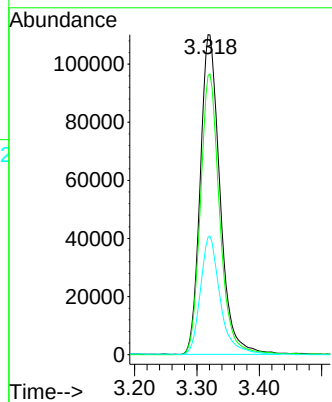
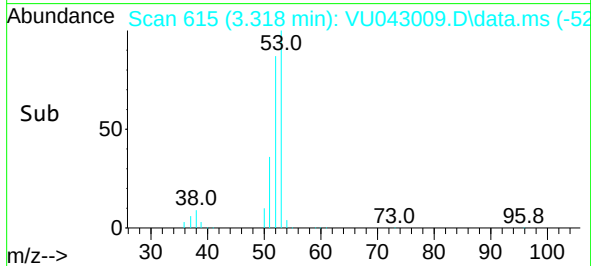
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#15  
Acrylonitrile  
Concen: 251.93 ug/l  
RT: 3.318 min Scan# 615  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



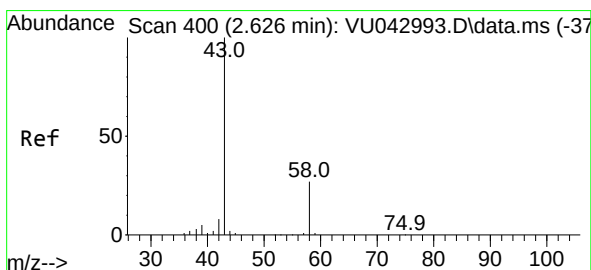
Tgt Ion: 53 Resp: 241918  
Ion Ratio Lower Upper  
53 100  
52 85.7 68.7 103.1  
51 37.2 30.5 45.7



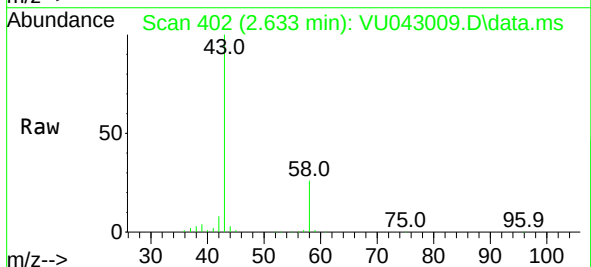
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ClientSampleId :  
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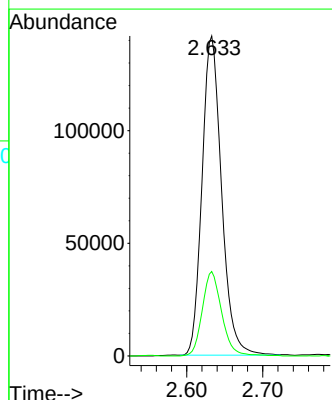
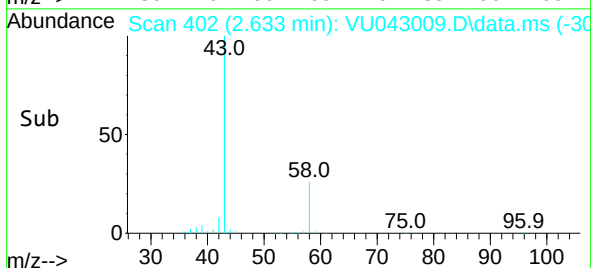
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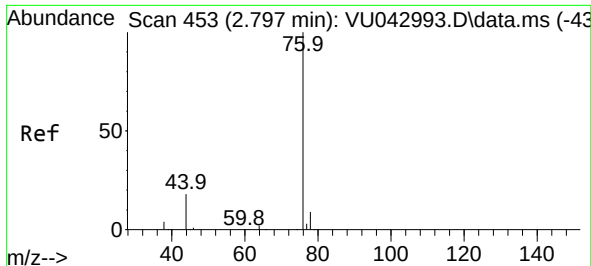


#16  
Acetone  
Concen: 252.65 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.007 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 43 Resp: 252648  
Ion Ratio Lower Upper  
43 100  
58 26.5 21.4 32.0





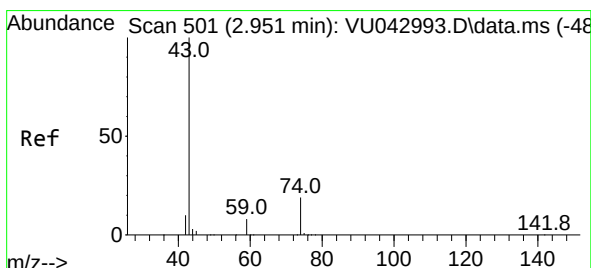
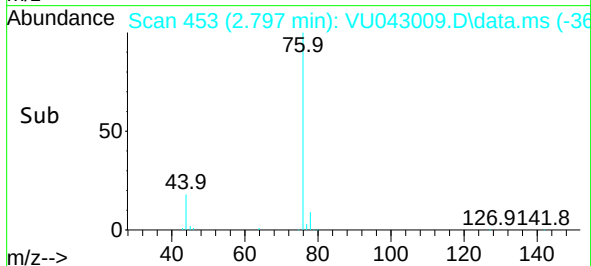
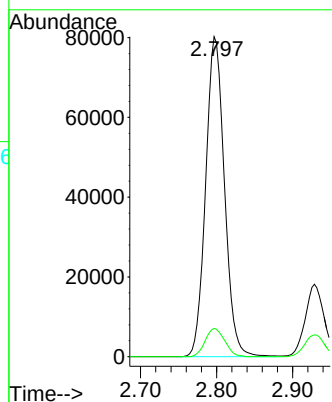
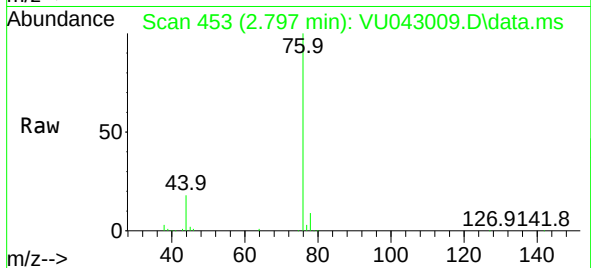
#17  
Carbon Disulfide  
Concen: 48.02 ug/l  
RT: 2.797 min Scan# 453  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 76 Resp: 137712  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

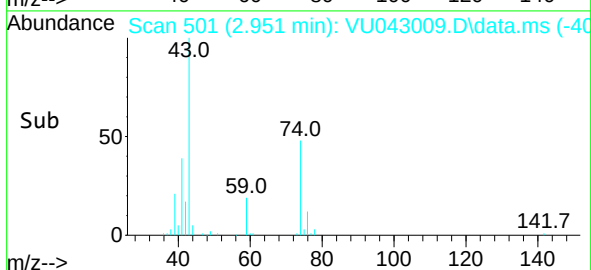
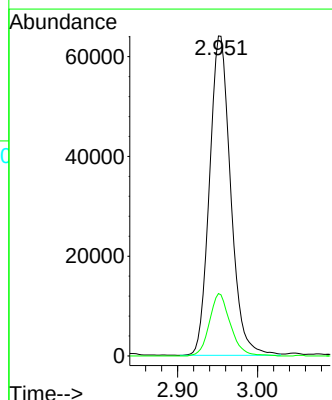
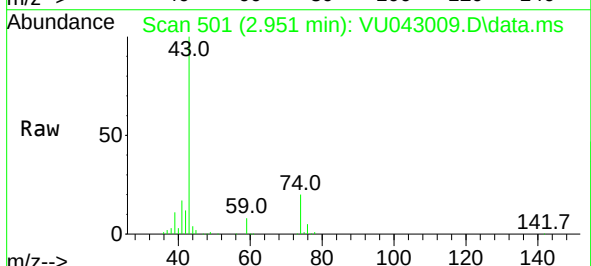
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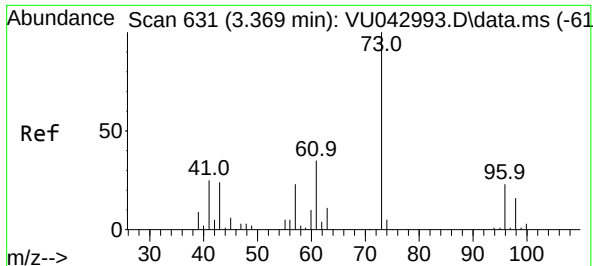
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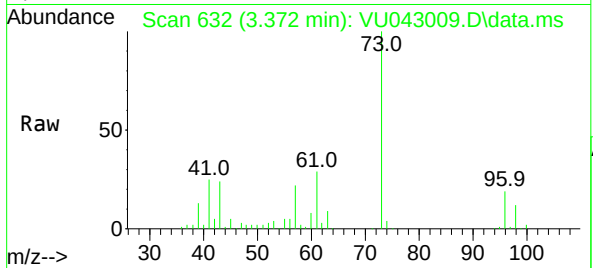
#18  
Methyl Acetate  
Concen: 51.60 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 117648  
Ion Ratio Lower Upper  
43 100  
74 19.4 16.0 24.0

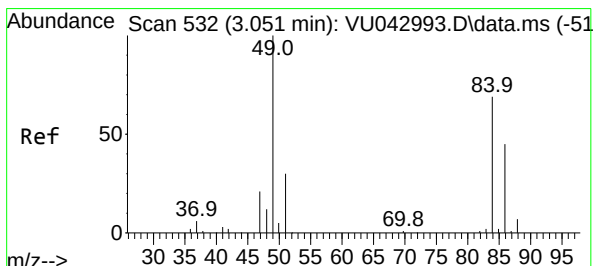
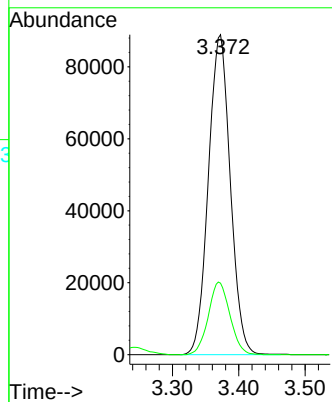
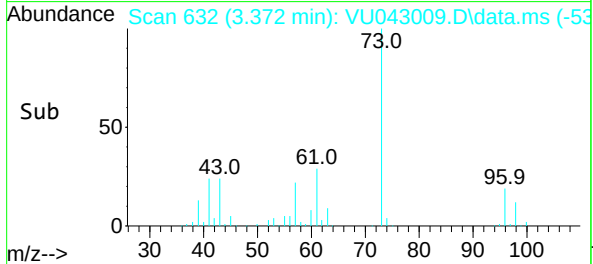




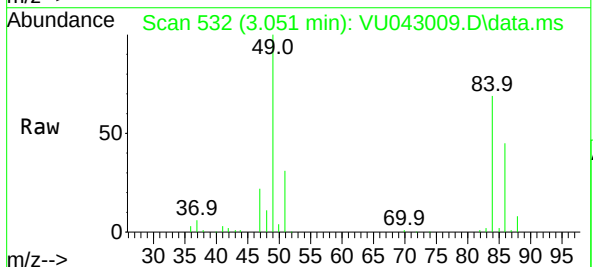
#19  
Methyl tert-butyl Ether  
Concen: 51.46 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



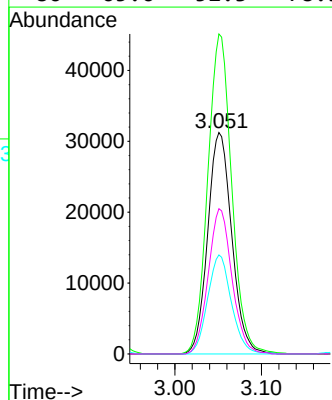
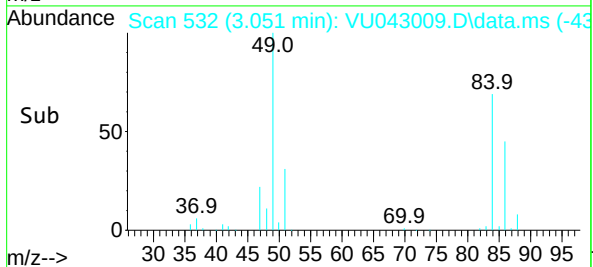
Tgt Ion: 73 Resp: 203809  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.3 27.5



#20  
Methylene Chloride  
Concen: 47.13 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



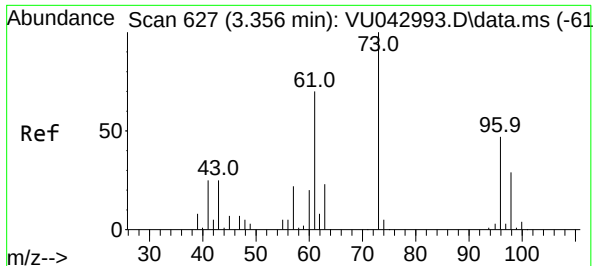
Tgt Ion: 84 Resp: 60329  
Ion Ratio Lower Upper  
84 100  
49 144.5 116.1 174.1  
51 44.7 35.1 52.7  
86 65.6 52.3 78.5



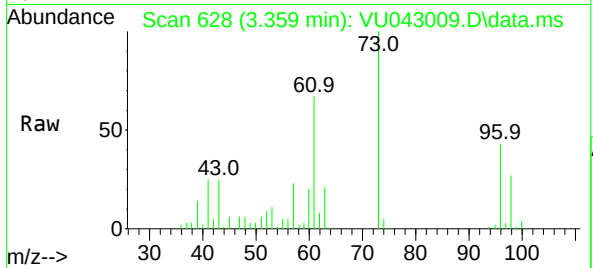
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MSVOA\_U  
ClientSampleId :  
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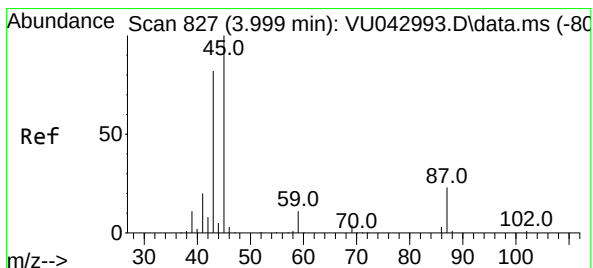
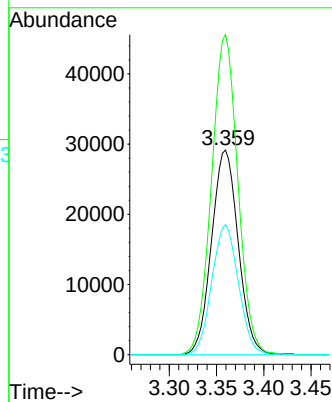
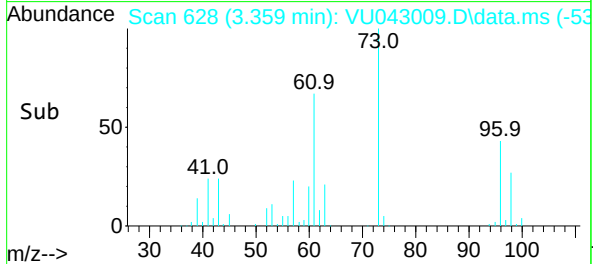
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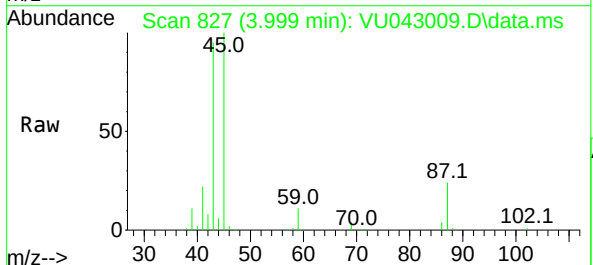
#21  
trans-1,2-Dichloroethene  
Concen: 50.26 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



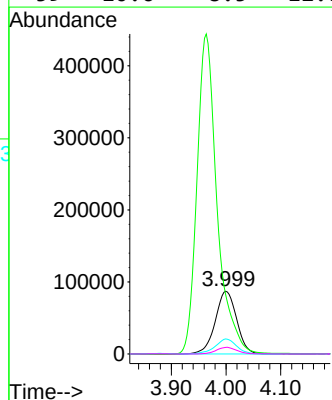
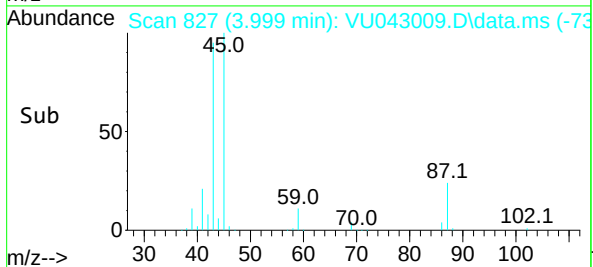
Tgt Ion: 96 Resp: 57177  
Ion Ratio Lower Upper  
96 100  
61 156.4 119.1 178.7  
98 63.5 48.8 73.2



#22  
Diisopropyl ether  
Concen: 51.51 ug/l  
RT: 3.999 min Scan# 827  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



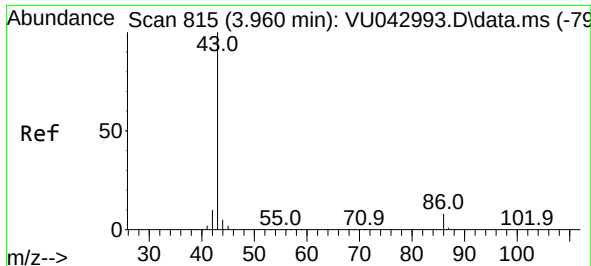
Tgt Ion: 45 Resp: 236138  
Ion Ratio Lower Upper  
45 100  
43 93.4 67.3 100.9  
87 24.0 18.6 27.8  
59 10.6 8.5 12.7



Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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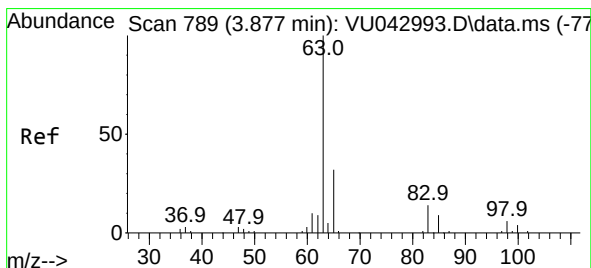
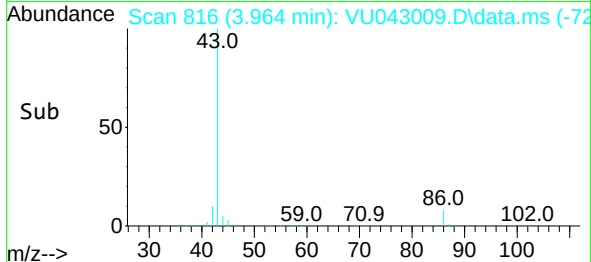
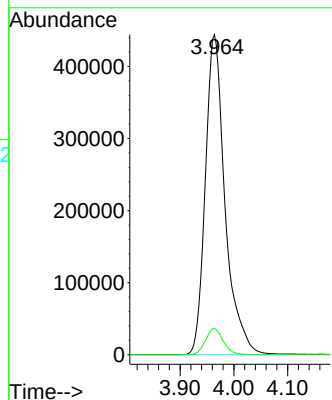
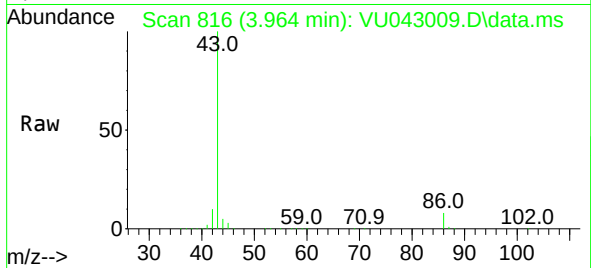
#23  
 Vinyl Acetate  
 Concen: 257.34 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. 0.003 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 1132131  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 6.6 10.0

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GWBR3-200-220-040721MS

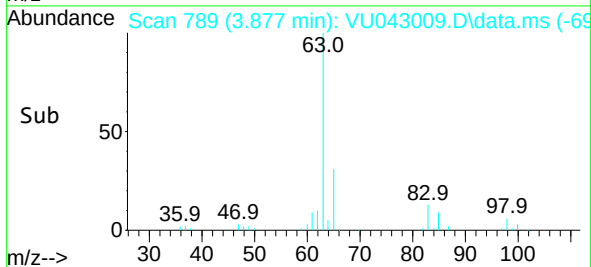
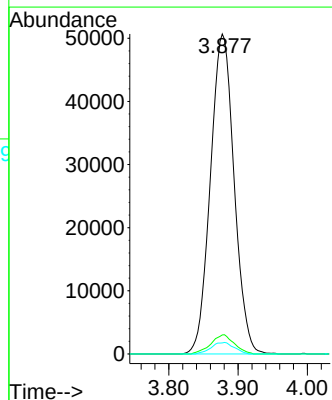
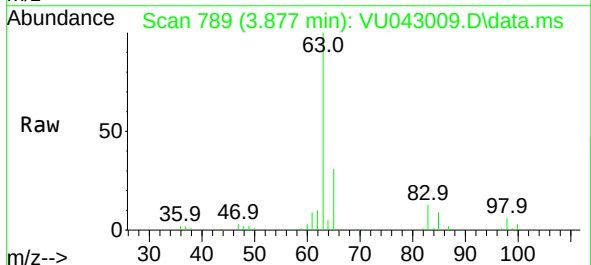
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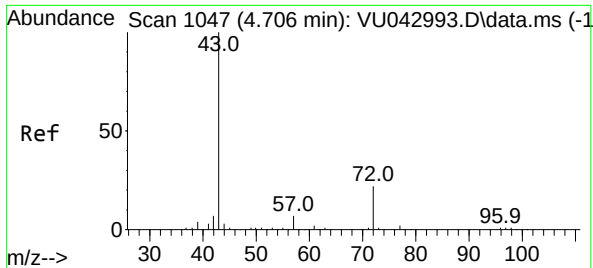


#24  
 1,1-Dichloroethane  
 Concen: 53.56 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. 0.000 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion: 63 Resp: 120549  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.1 9.3  
 100 3.5 1.8 5.4







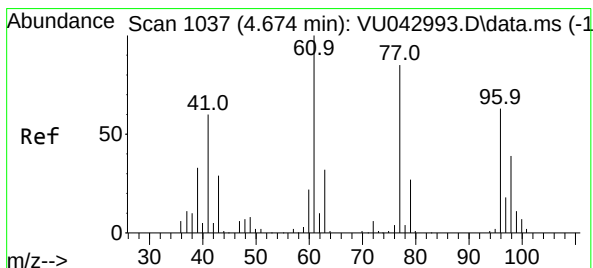
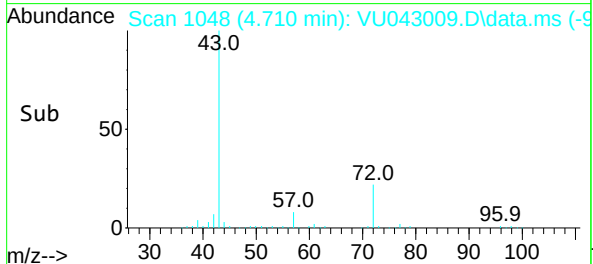
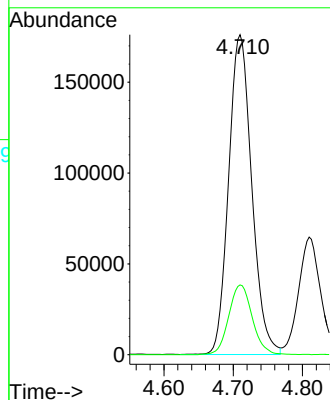
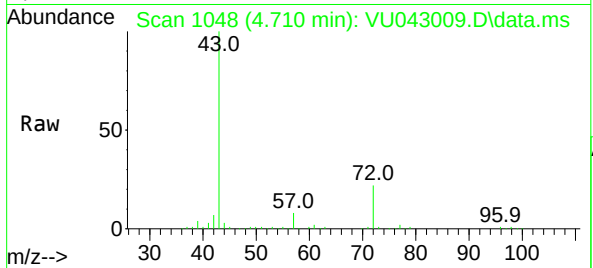
#25  
2-Butanone  
Concen: 255.72 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 408590  
Ion Ratio Lower Upper  
43 100  
72 21.8 17.4 26.2

Instrument :  
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ClientSampleId :  
GWBR3-200-220-040721MS

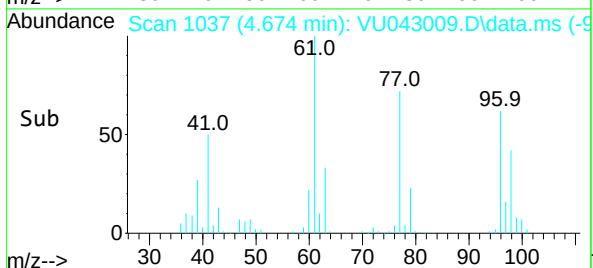
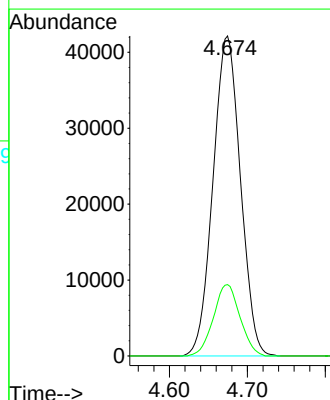
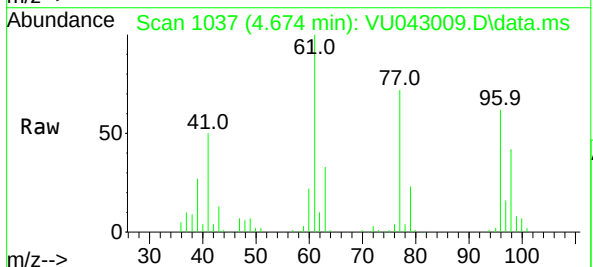
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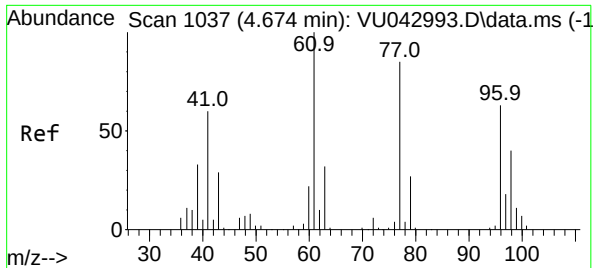
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#26  
2,2-Dichloropropane  
Concen: 51.24 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 77 Resp: 102884  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.6 31.8





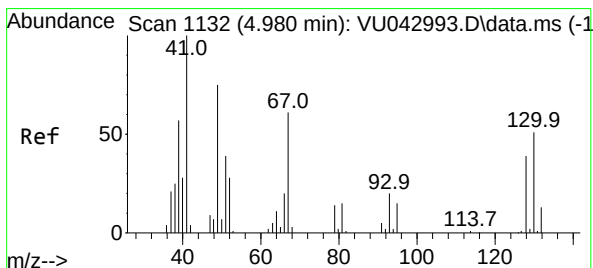
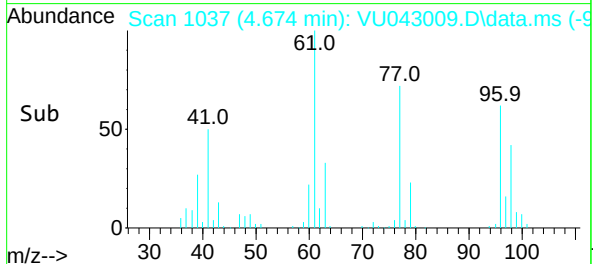
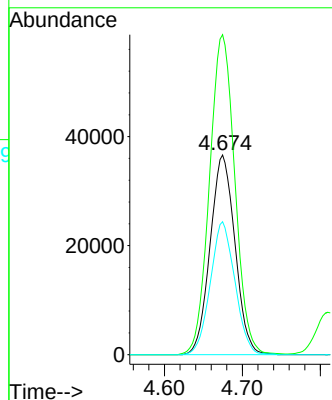
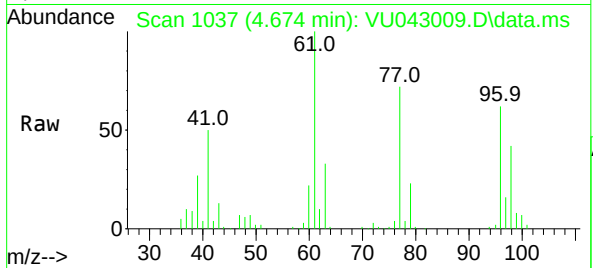
#27  
cis-1,2-Dichloroethene  
Concen: 63.51 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 96 Resp: 81067  
Ion Ratio Lower Upper  
96 100  
61 163.6 0.0 327.0  
98 65.9 0.0 127.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

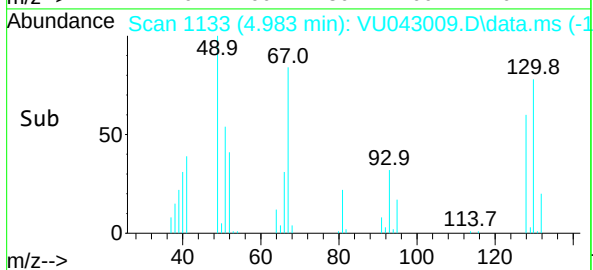
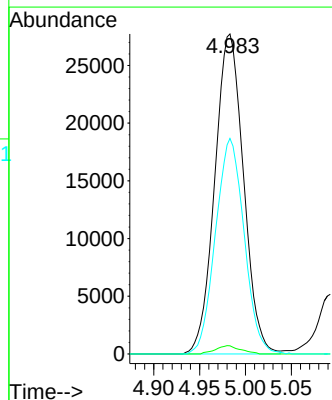
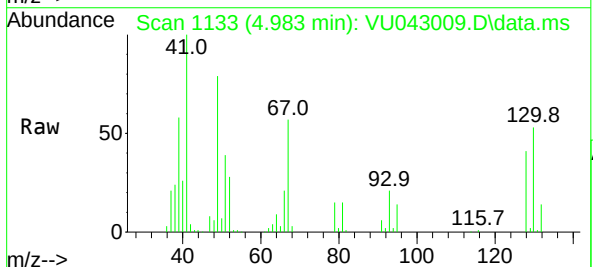
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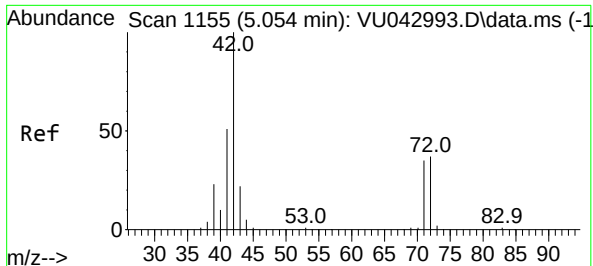
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#28  
Bromochloromethane  
Concen: 51.27 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 49 Resp: 60413  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 1.2#  
130 67.1 55.1 82.7





#29

Tetrahydrofuran

Concen: 252.93 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VU043009.D

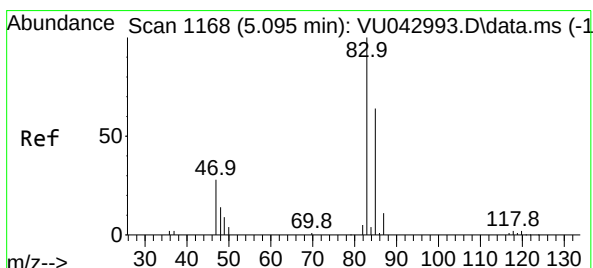
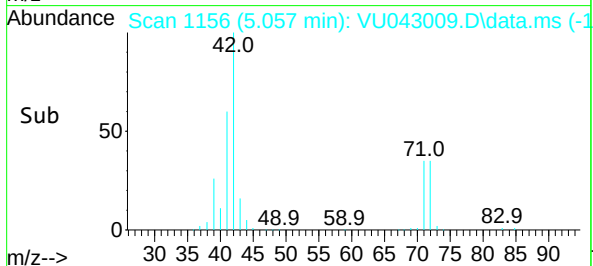
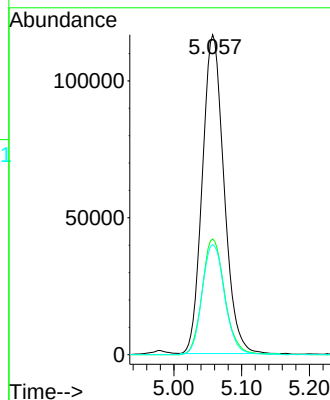
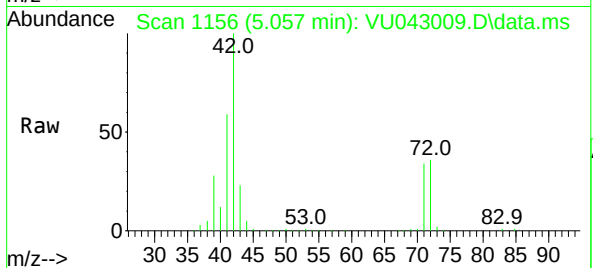
Acq: 09 Apr 2021 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 258666 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 37.8  | 30.1  | 45.1   |
| 71       | 36.0  | 28.1  | 42.1   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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#30

Chloroform

Concen: 55.40 ug/l

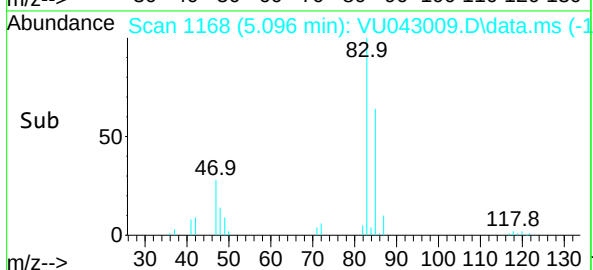
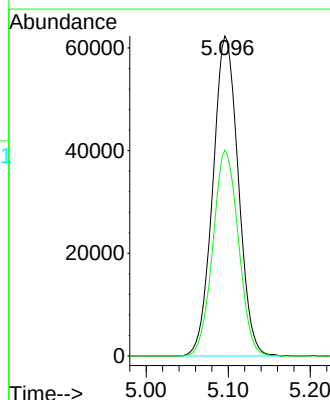
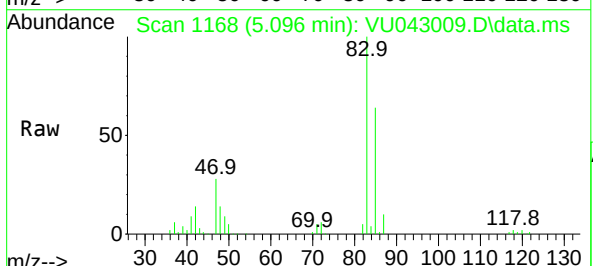
RT: 5.096 min Scan# 1168

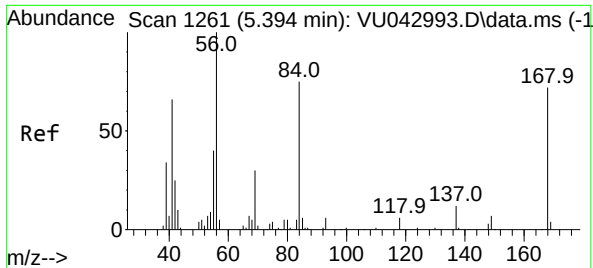
Delta R.T. 0.000 min

Lab File: VU043009.D

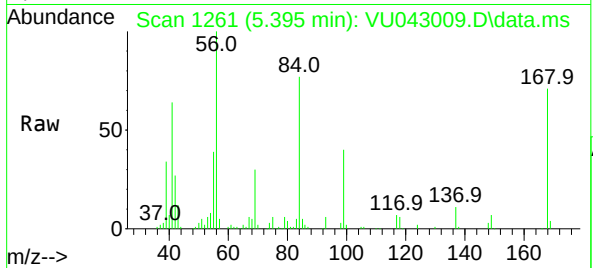
Acq: 09 Apr 2021 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 134545 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.3  | 50.8  | 76.2   |

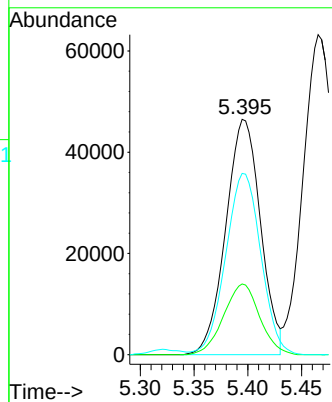
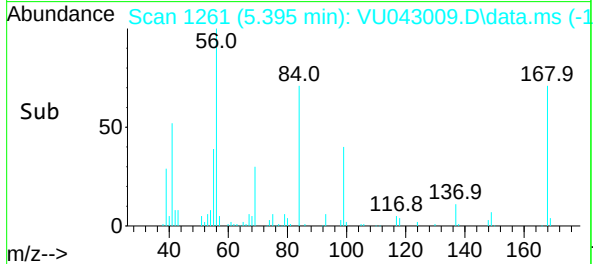




#31  
Cyclohexane  
Concen: 48.66 ug/l  
RT: 5.395 min Scan# 1261  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



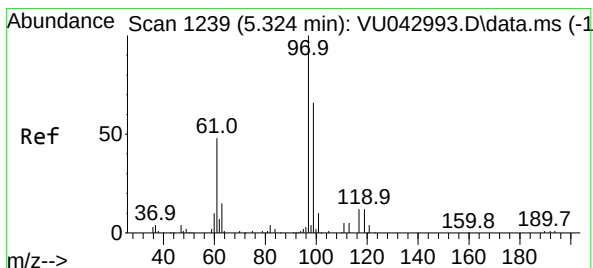
Tgt Ion: 56 Resp: 104589  
Ion Ratio Lower Upper  
56 100  
69 30.1 23.9 35.9  
84 75.5 59.8 89.6



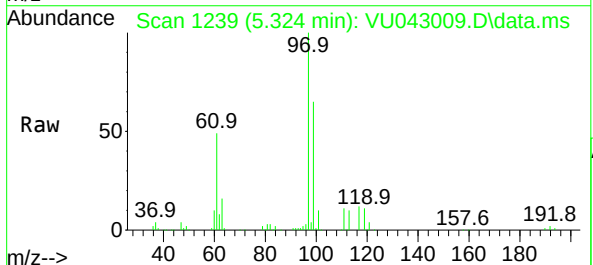
Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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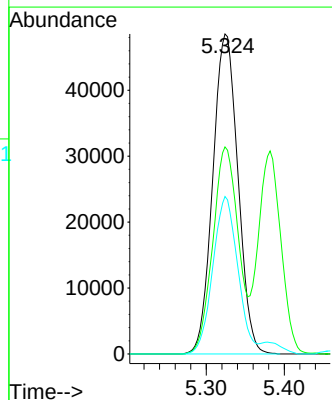
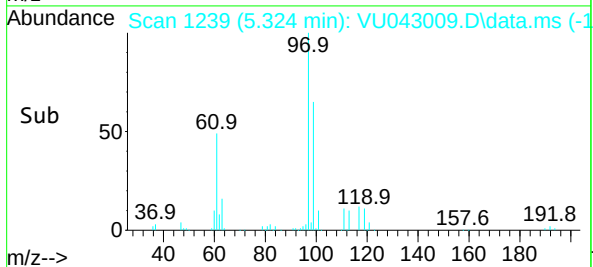
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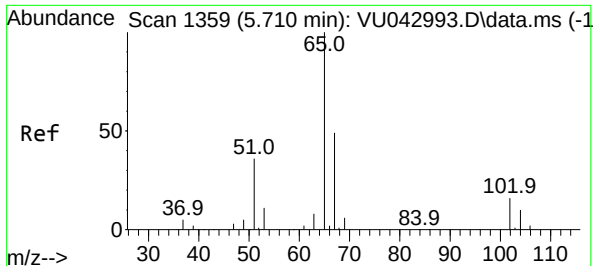


#32  
1,1,1-Trichloroethane  
Concen: 52.20 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 97 Resp: 108881  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.5 77.3  
61 48.9 38.6 57.8





#33

1,2-Dichloroethane-d4

Concen: 48.83 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VU043009.D

Acq: 09 Apr 2021 17:50

Tgt Ion: 65 Resp: 87082

Ion Ratio Lower Upper

65 100

67 51.5 0.0 98.6

Instrument :

MSVOA\_U

ClientSampleId :

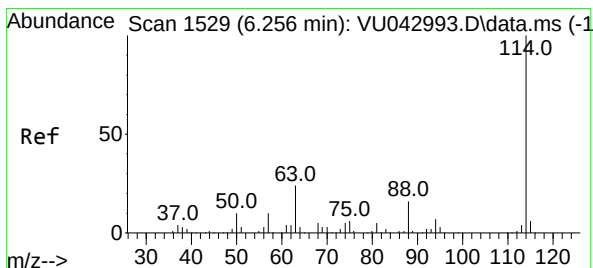
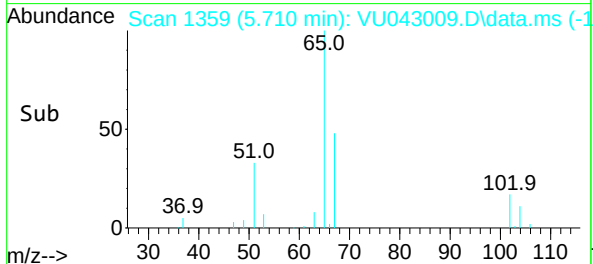
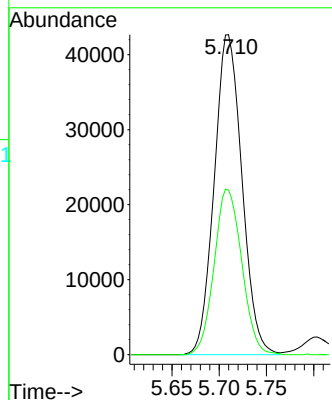
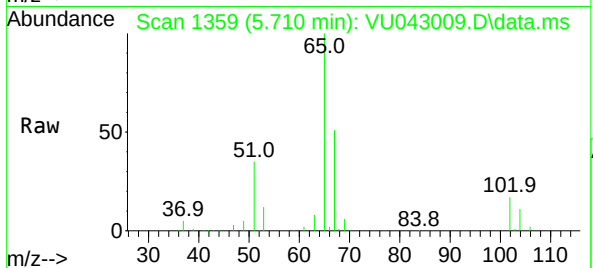
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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043009.D

Acq: 09 Apr 2021 17:50

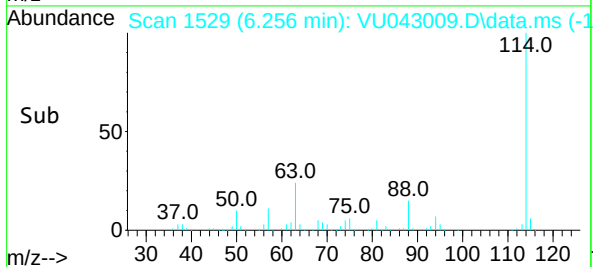
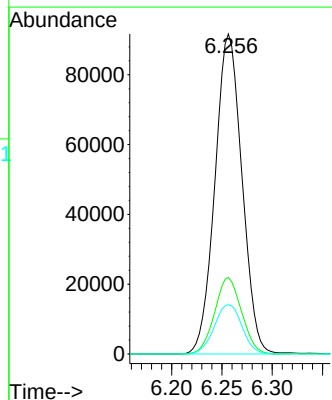
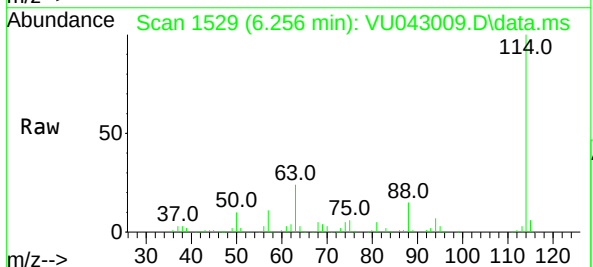
Tgt Ion: 114 Resp: 170987

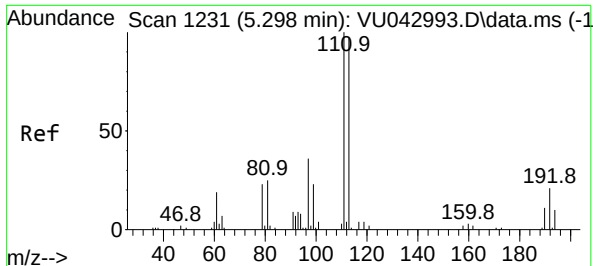
Ion Ratio Lower Upper

114 100

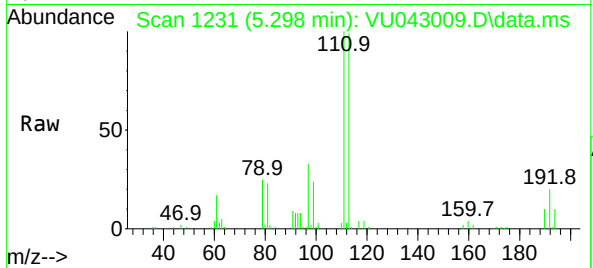
63 23.9 0.0 48.0

88 15.4 0.0 32.6

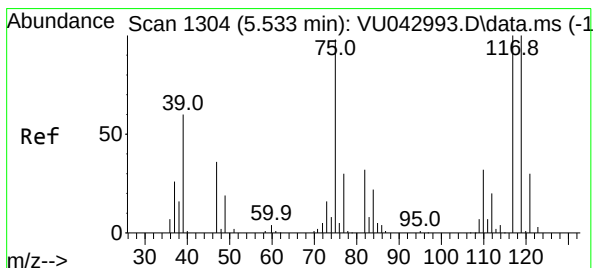
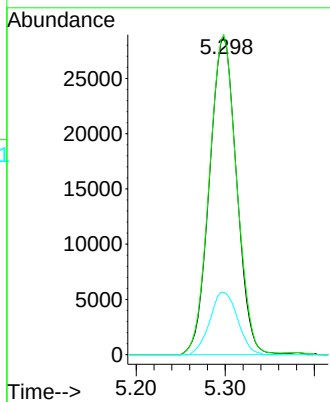
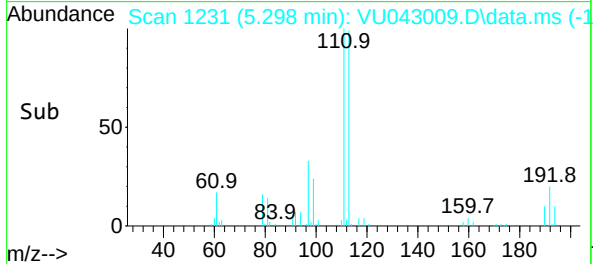




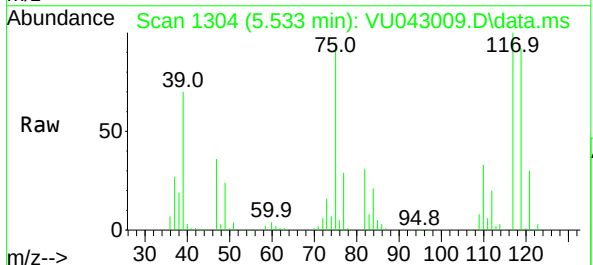
#35  
Dibromofluoromethane  
Concen: 48.56 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



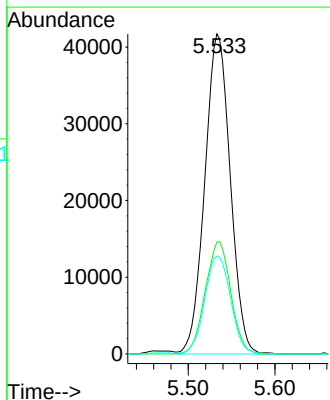
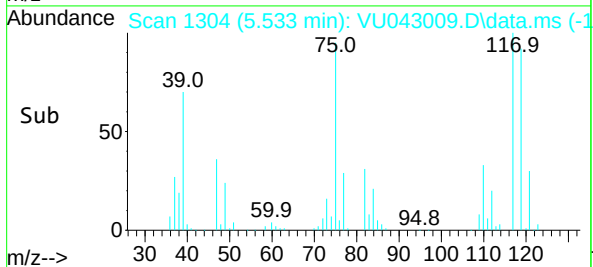
Tgt Ion: 113 Resp: 60632  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.7 122.5  
192 20.2 17.1 25.7



#36  
1,1-Dichloropropene  
Concen: 50.76 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



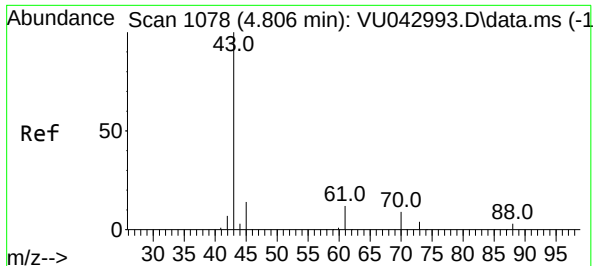
Tgt Ion: 75 Resp: 85230  
Ion Ratio Lower Upper  
75 100  
110 34.9 16.3 48.8  
77 31.2 23.8 35.6



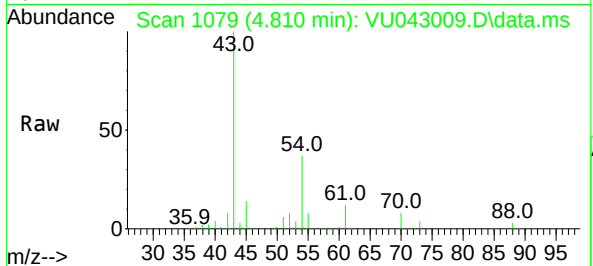
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MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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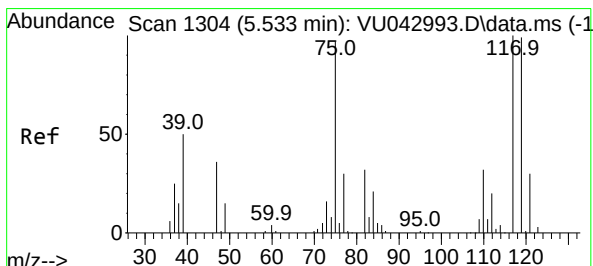
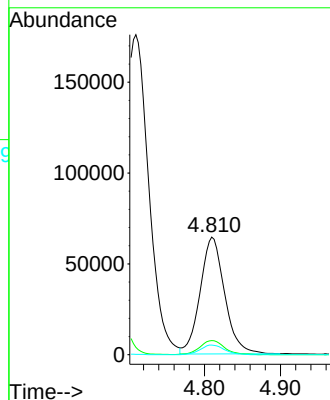
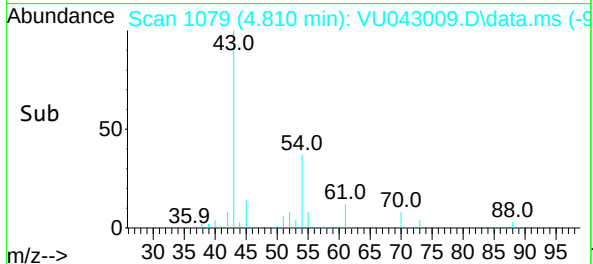
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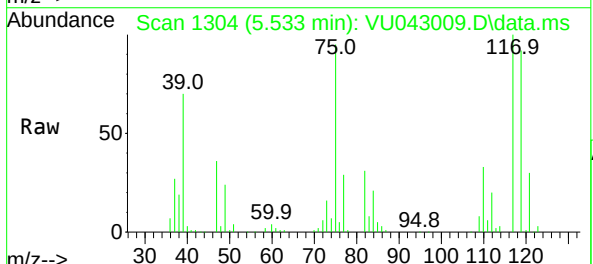
#37  
Ethyl Acetate  
Concen: 49.84 ug/l  
RT: 4.810 min Scan# 1079  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



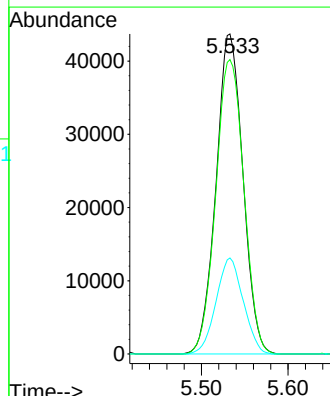
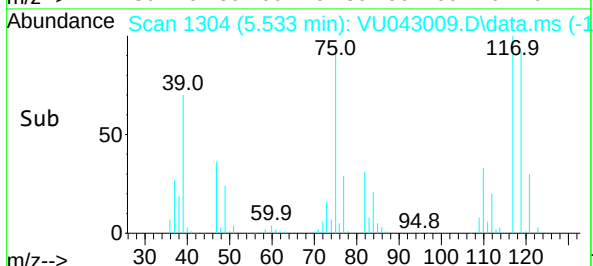
Tgt Ion: 43 Resp: 144082  
Ion Ratio Lower Upper  
43 100  
61 12.2 9.6 14.4  
70 8.1 6.6 9.8



#38  
Carbon Tetrachloride  
Concen: 51.02 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



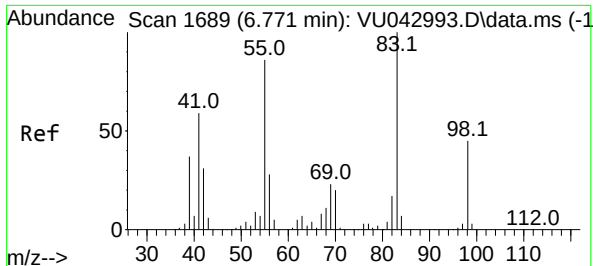
Tgt Ion: 117 Resp: 94369  
Ion Ratio Lower Upper  
117 100  
119 92.0 79.6 119.4  
121 30.0 24.1 36.1



Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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#39

Methylcyclohexane

Concen: 51.56 ug/l

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU043009.D

Acq: 09 Apr 2021 17:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 95443 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 88.2  | 68.6  | 103.0 |
| 98       | 46.9  | 36.0  | 54.0  |

Instrument :

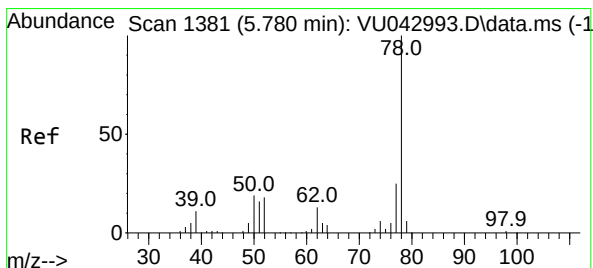
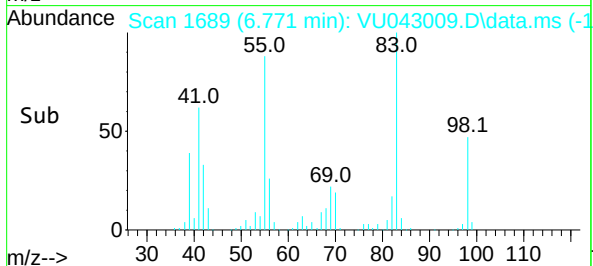
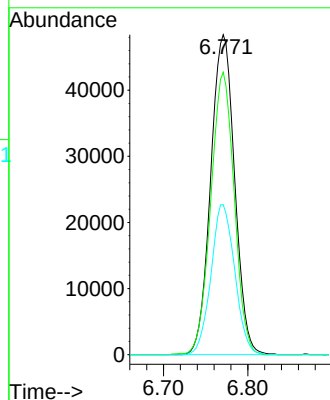
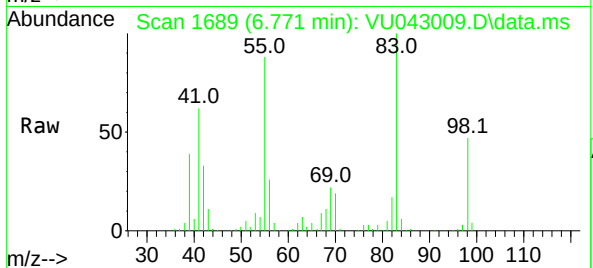
MSVOA\_U

ClientSampleId :

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Manual Integrations  
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#40

Benzene

Concen: 51.77 ug/l

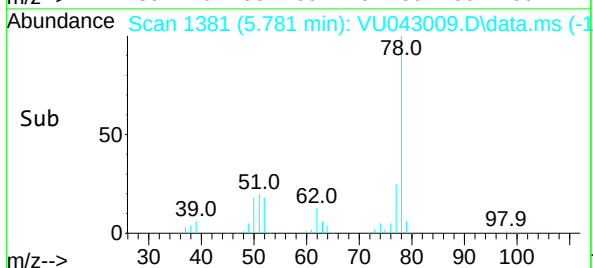
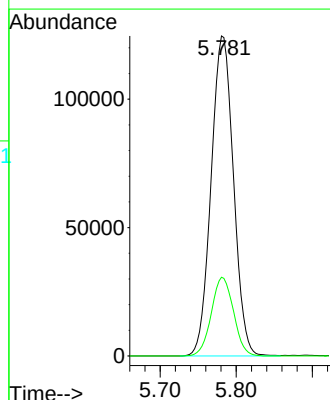
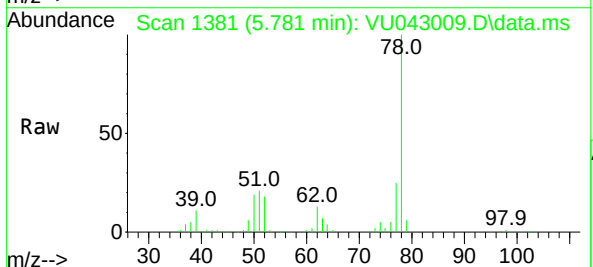
RT: 5.781 min Scan# 1381

Delta R.T. 0.000 min

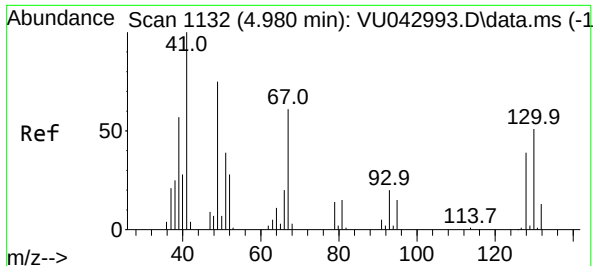
Lab File: VU043009.D

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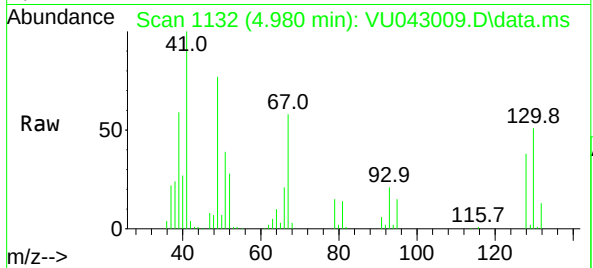
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 254295 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.6  | 19.8  | 29.6   |



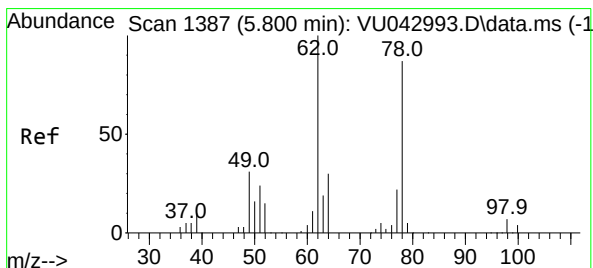
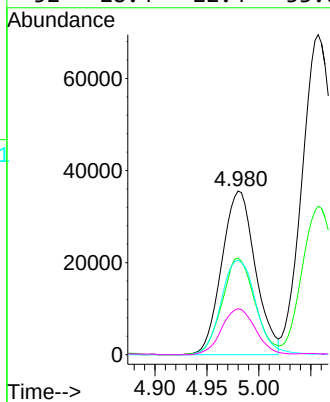
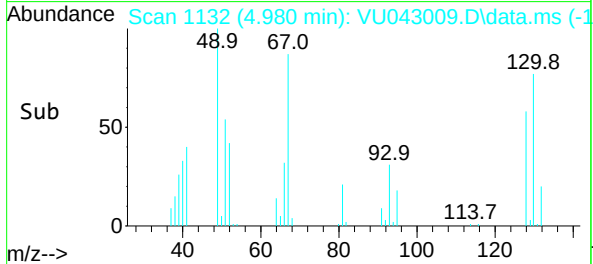




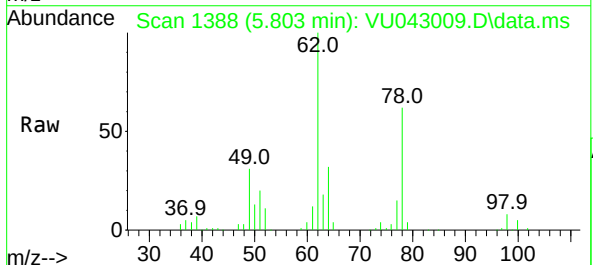
#41  
Methacrylonitrile  
Concen: 51.87 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



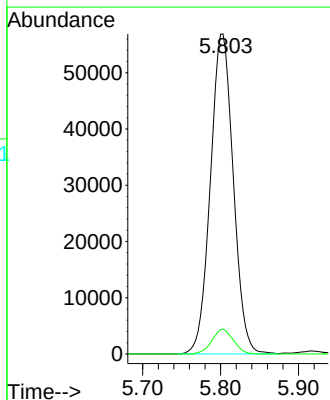
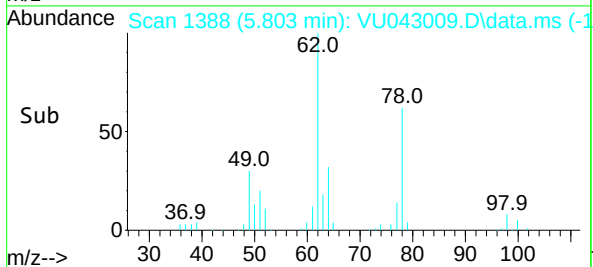
Tgt Ion: 41 Resp: 79816  
Ion Ratio Lower Upper  
41 100  
39 57.8 45.7 68.5  
67 59.8 48.0 72.0  
52 28.4 22.4 33.6



#42  
1,2-Dichloroethane  
Concen: 53.30 ug/l  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



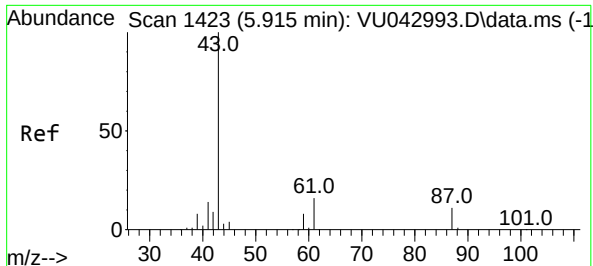
Tgt Ion: 62 Resp: 116188  
Ion Ratio Lower Upper  
62 100  
98 7.2 0.0 14.4



Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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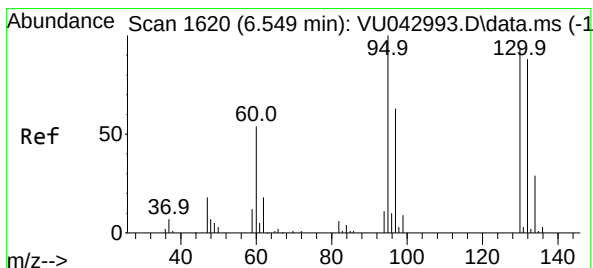
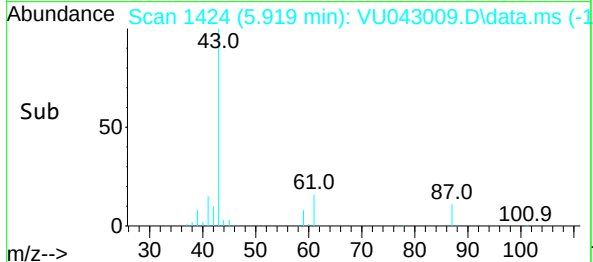
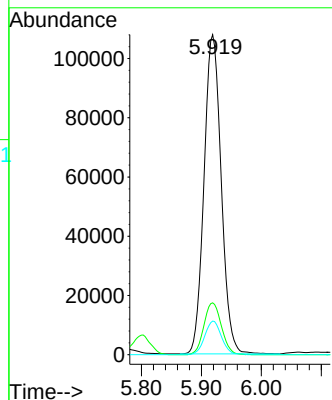
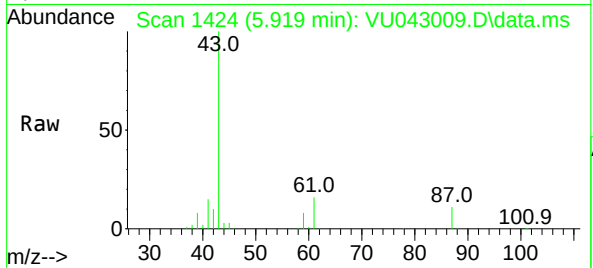
#43  
Isopropyl Acetate  
Concen: 51.27 ug/l  
RT: 5.919 min Scan# 1424  
Delta R.T. 0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 215226  
Ion Ratio Lower Upper  
43 100  
61 16.5 13.4 20.2  
87 10.3 8.6 12.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

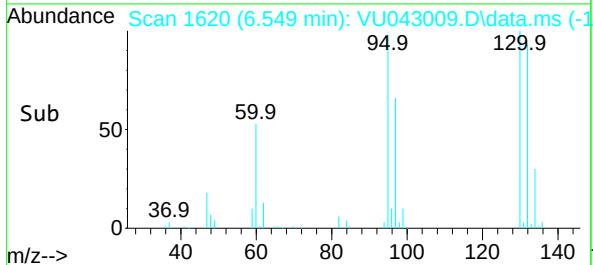
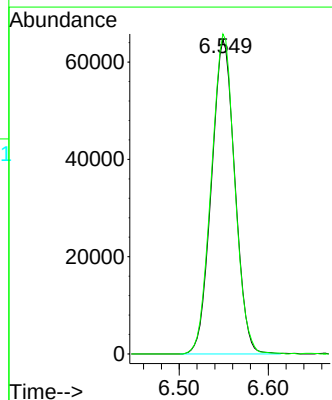
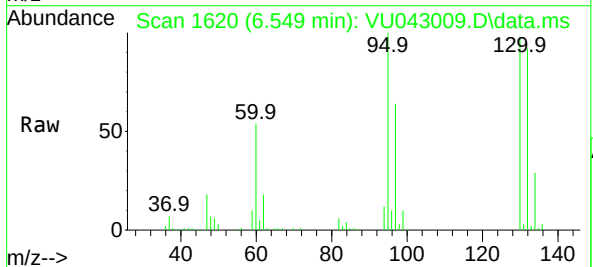
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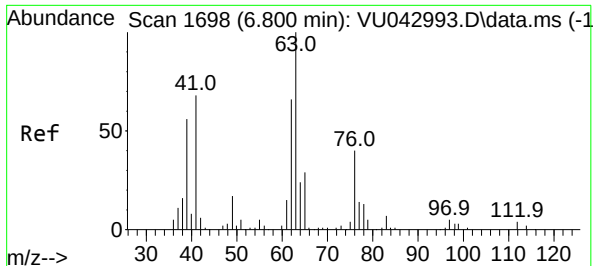
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#44  
Trichloroethene  
Concen: 92.93 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:130 Resp: 117857  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 215.4





#45

1,2-Dichloropropane

Concen: 51.25 ug/l

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU043009.D

Acq: 09 Apr 2021 17:50

Tgt Ion: 63 Resp: 70449

Ion Ratio Lower Upper

63 100

65 30.8 23.5 35.3

Instrument :

MSVOA\_U

ClientSampleId :

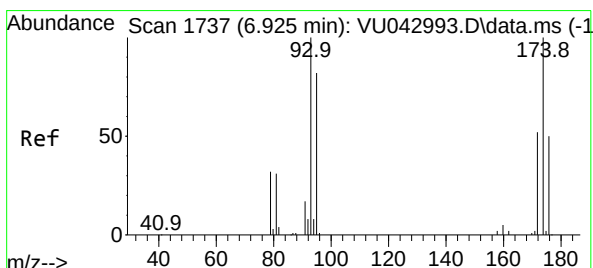
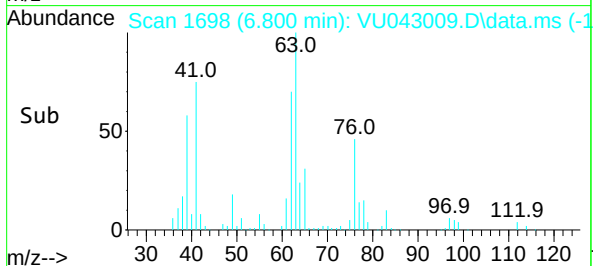
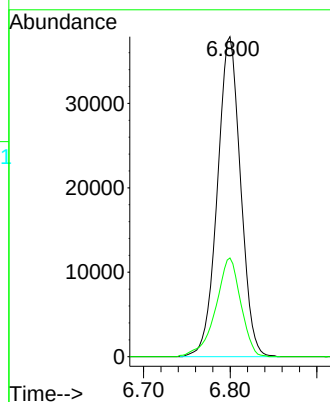
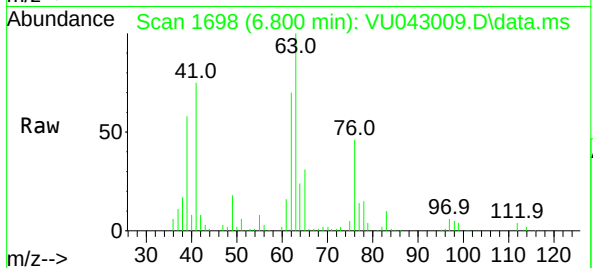
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#46

Dibromomethane

Concen: 52.55 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VU043009.D

Acq: 09 Apr 2021 17:50

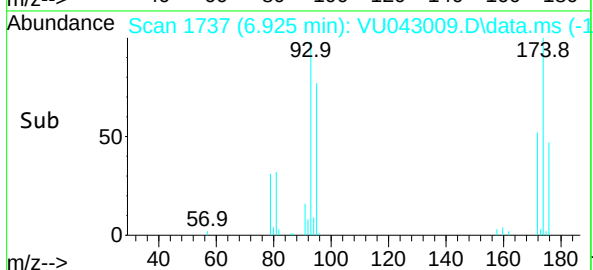
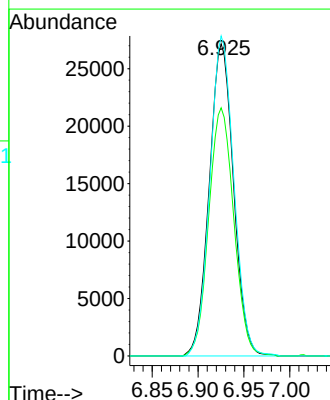
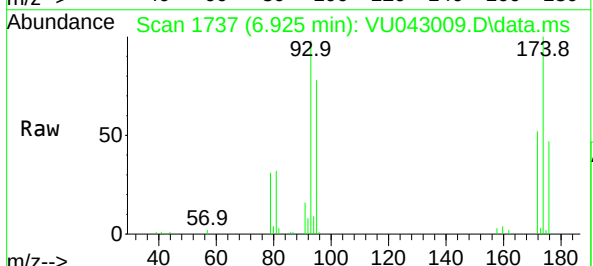
Tgt Ion: 93 Resp: 50085

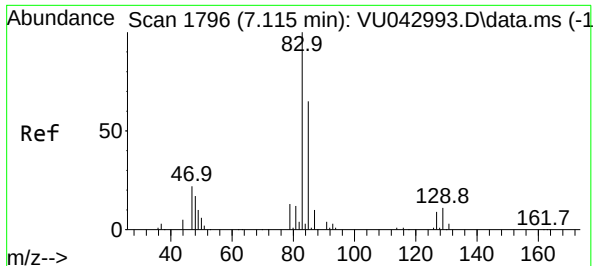
Ion Ratio Lower Upper

93 100

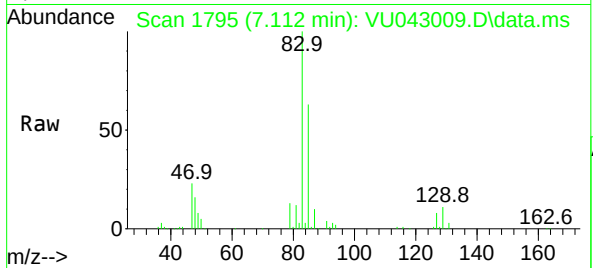
95 81.9 65.4 98.0

174 101.1 79.8 119.8

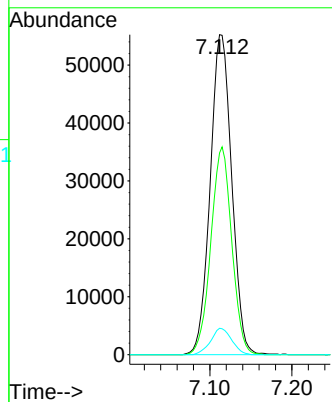
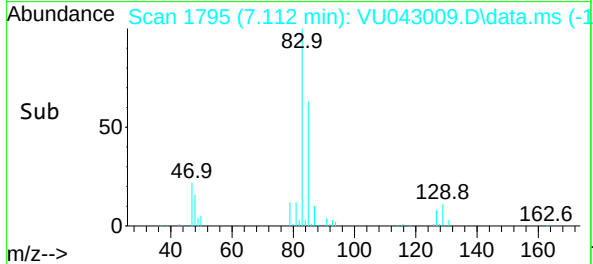




#47  
Bromodichloromethane  
Concen: 52.74 ug/l  
RT: 7.112 min Scan# 1795  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



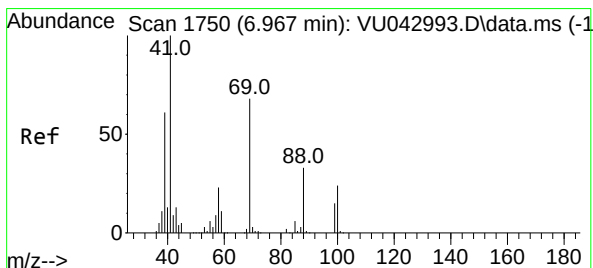
Tgt Ion: 83 Resp: 100623  
Ion Ratio Lower Upper  
83 100  
85 63.0 52.2 78.2  
127 8.2 7.0 10.6



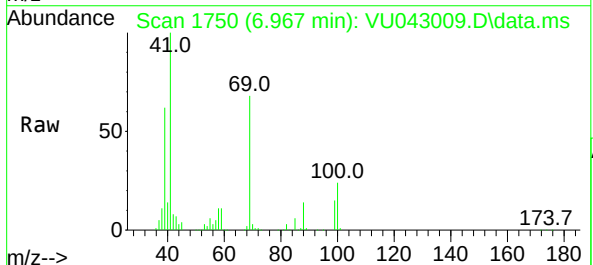
Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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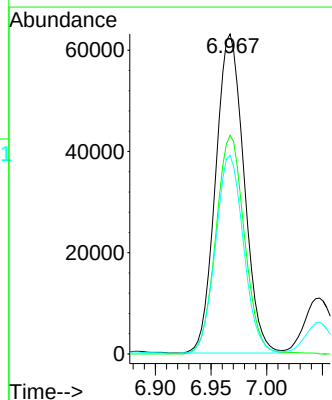
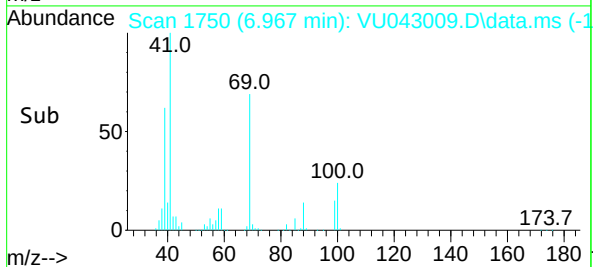
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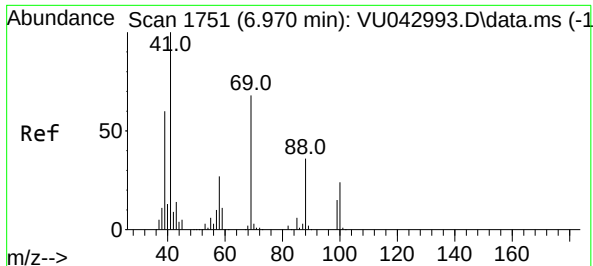


#48  
Methyl methacrylate  
Concen: 52.30 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 41 Resp: 111817  
Ion Ratio Lower Upper  
41 100  
69 68.7 55.1 82.7  
39 61.5 50.0 75.0





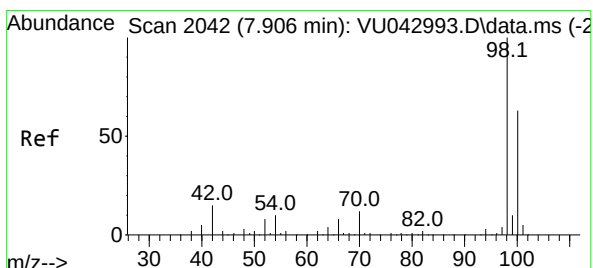
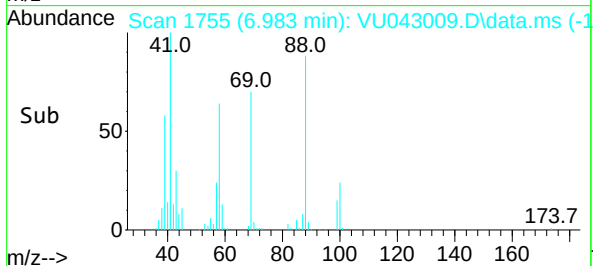
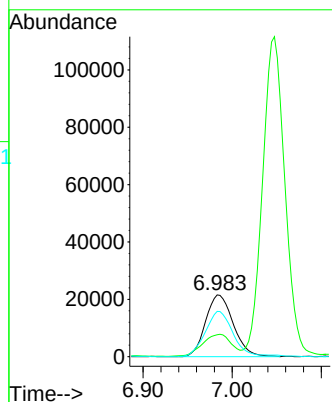
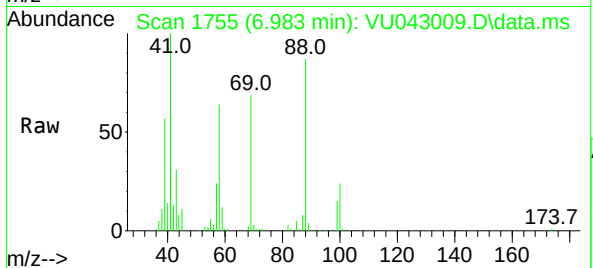
#49  
1,4-Dioxane  
Concen: 1011.10 ug/l  
RT: 6.983 min Scan# 1755  
Delta R.T. 0.013 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 46377 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 37.1  | 30.8  | 46.2  |
| 58       | 75.1  | 57.8  | 86.6  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

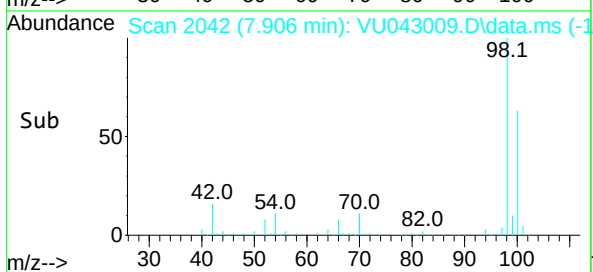
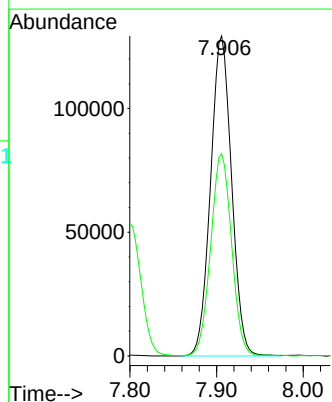
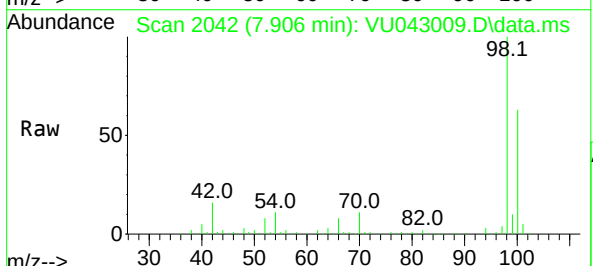
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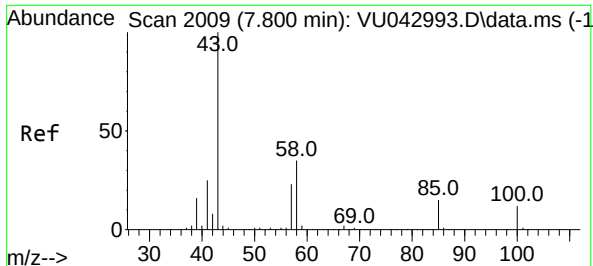
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#50  
Toluene-d8  
Concen: 48.48 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 218053 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 62.6  | 49.9  | 74.9   |





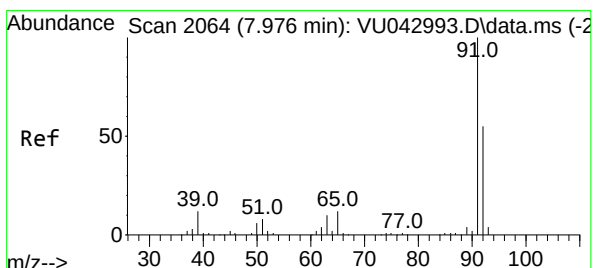
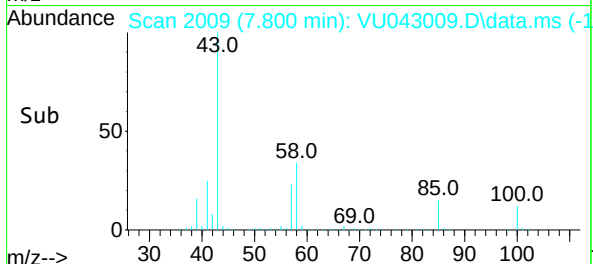
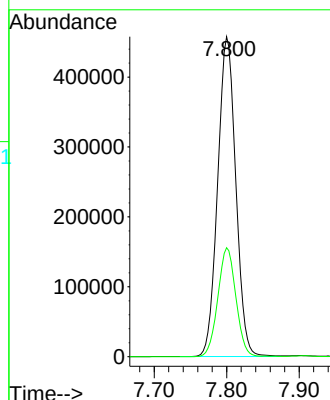
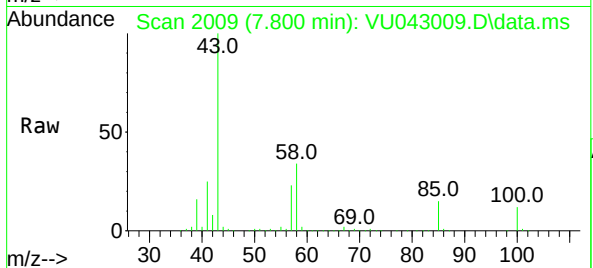
#51  
4-Methyl-2-Pentanone  
Concen: 220.70 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 794022  
Ion Ratio Lower Upper  
43 100  
58 34.0 27.7 41.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
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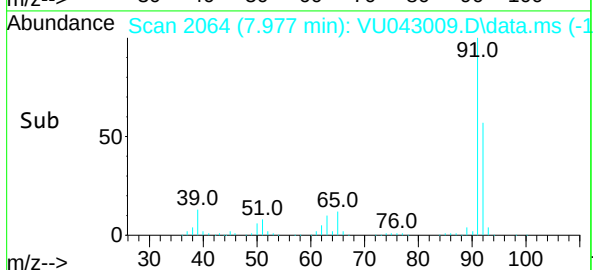
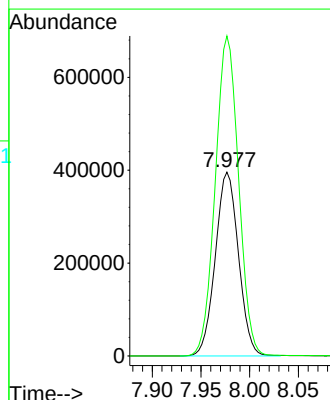
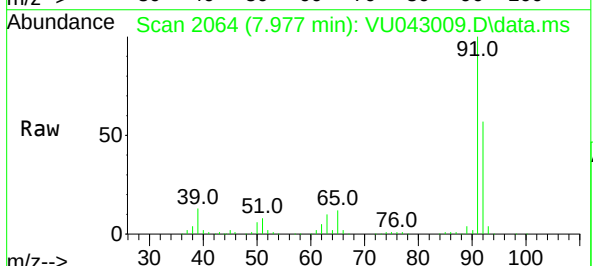
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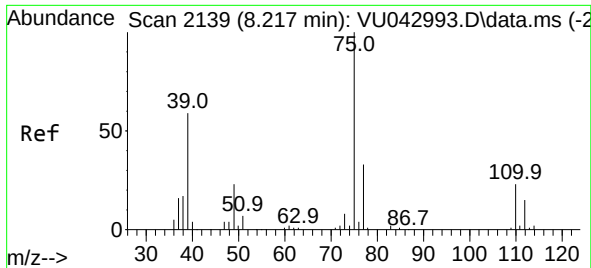
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#52  
Toluene  
Concen: 212.07 ug/l  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 92 Resp: 653872  
Ion Ratio Lower Upper  
92 100  
91 175.7 141.1 211.7





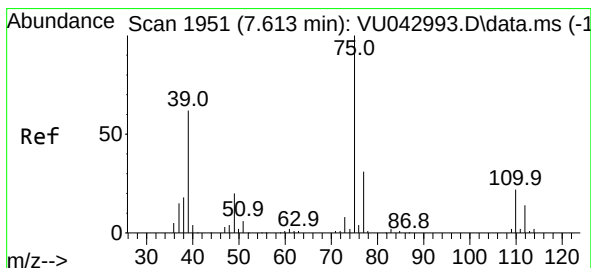
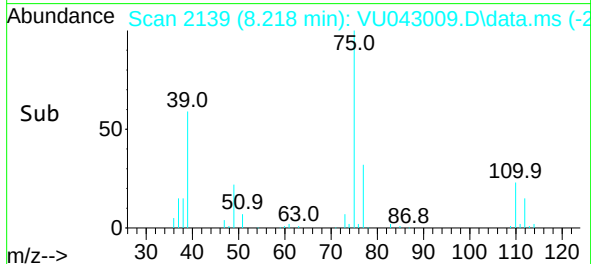
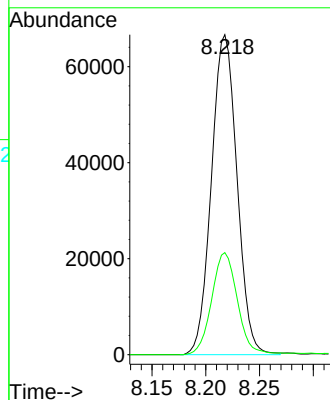
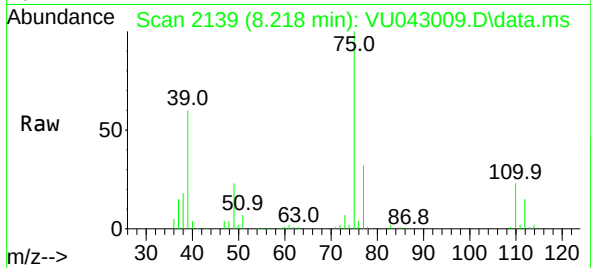
#53  
 t-1,3-Dichloropropene  
 Concen: 46.46 ug/l  
 RT: 8.218 min Scan# 2139  
 Delta R.T. 0.001 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion: 75 Resp: 110364  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 26.5 39.7

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GWBR3-200-220-040721MS

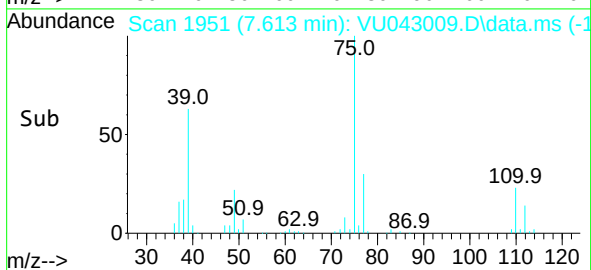
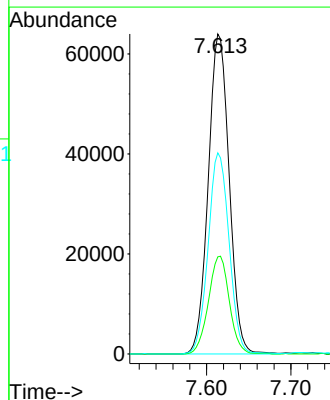
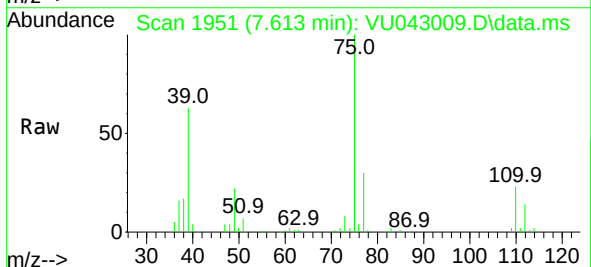
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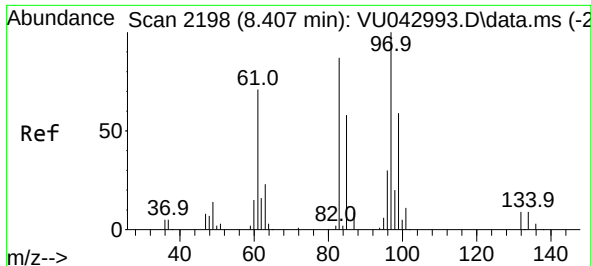
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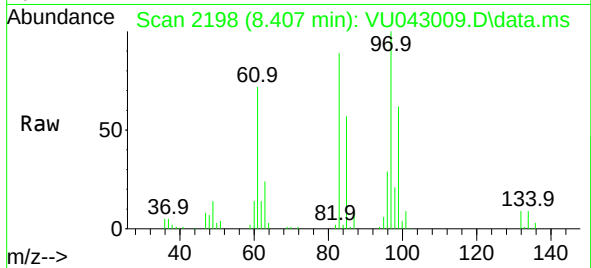
#54  
 cis-1,3-Dichloropropene  
 Concen: 46.50 ug/l  
 RT: 7.613 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion: 75 Resp: 110495  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 24.6 36.8  
 39 62.9 49.4 74.0

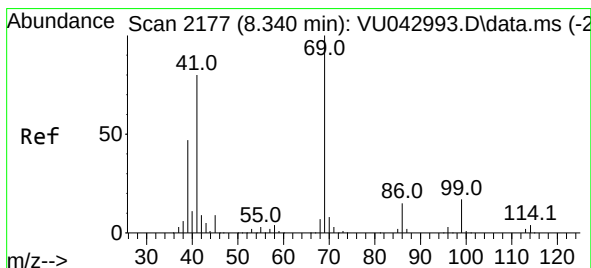
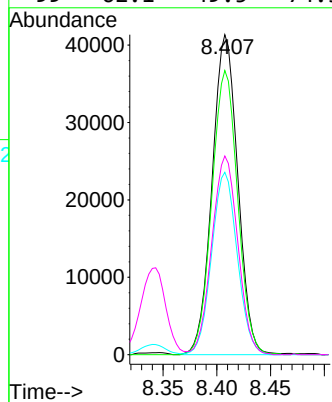
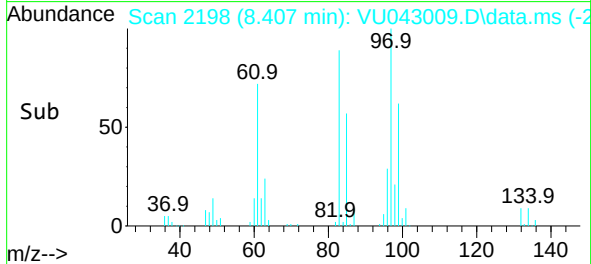




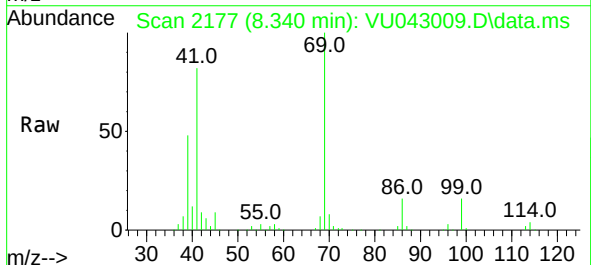
#55  
1,1,2-Trichloroethane  
Concen: 52.21 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



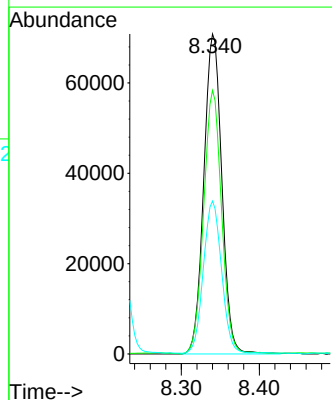
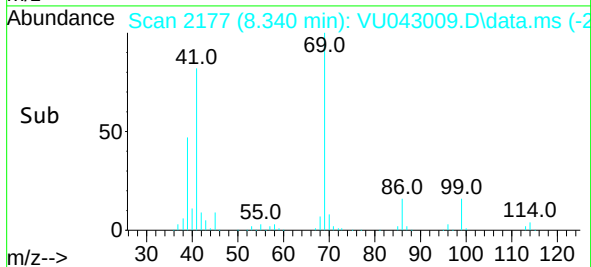
| Tgt Ion: | 97    | Resp: | 68671 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.8  | 69.8  | 104.8 |
| 85       | 57.0  | 47.0  | 70.6  |
| 99       | 62.1  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 44.30 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



| Tgt Ion: | 69    | Resp: | 113821 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 82.4  | 65.6  | 98.4   |
| 39       | 47.9  | 39.0  | 58.6   |

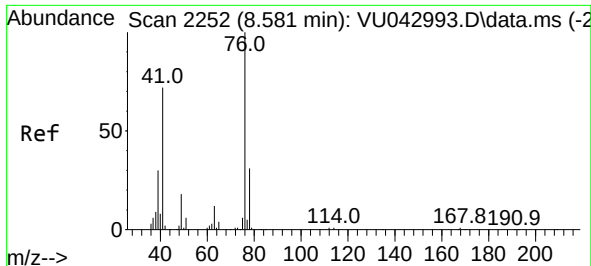


Instrument :  
MSVOA\_U  
ClientSampleId :  
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#57

1,3-Dichloropropane

Concen: 52.09 ug/l

RT: 8.581 min Scan# 2252

Delta R.T. 0.000 min

Lab File: VU043009.D

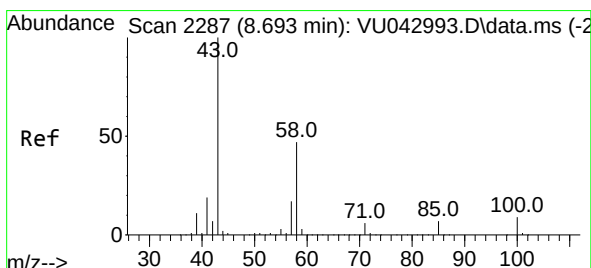
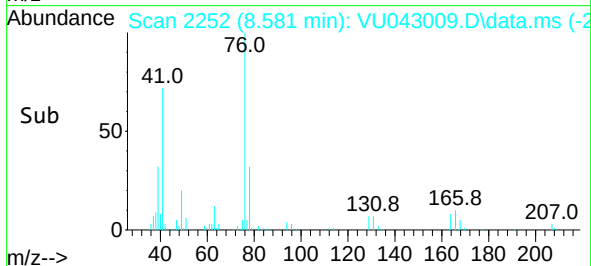
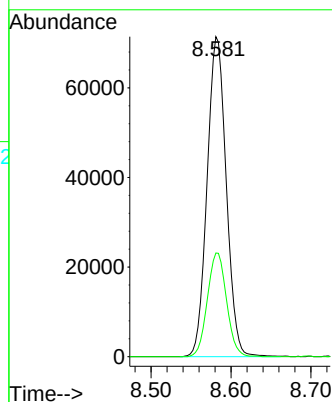
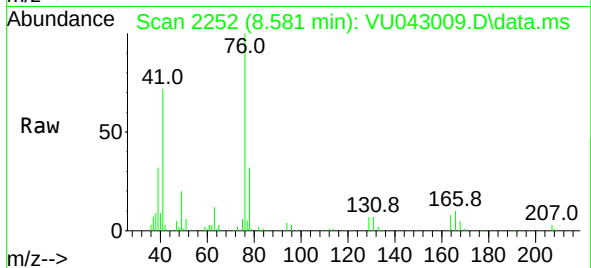
Acq: 09 Apr 2021 17:50

Tgt Ion: 76 Resp: 118998

Ion Ratio Lower Upper

76 100

78 32.4 25.4 38.2



#59

2-Hexanone

Concen: 225.44 ug/l

RT: 8.694 min Scan# 2287

Delta R.T. 0.001 min

Lab File: VU043009.D

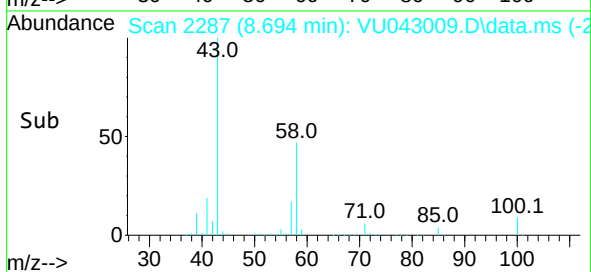
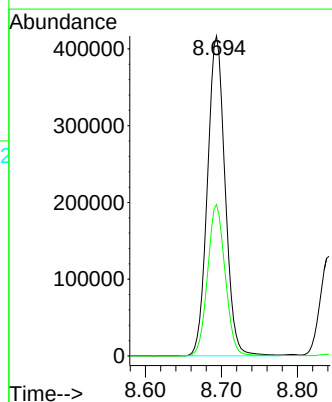
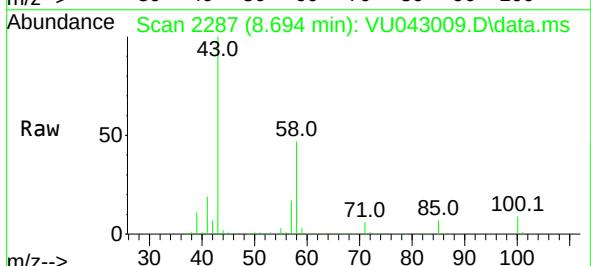
Acq: 09 Apr 2021 17:50

Tgt Ion: 43 Resp: 671436

Ion Ratio Lower Upper

43 100

58 47.3 23.7 71.1



Instrument :

MSVOA\_U

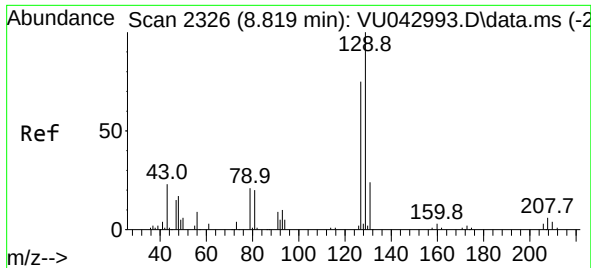
ClientSampleId :

GWBR3-200-220-040721MS

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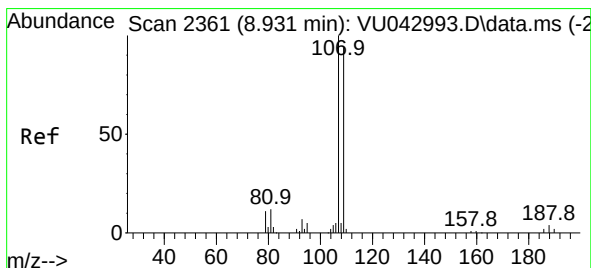
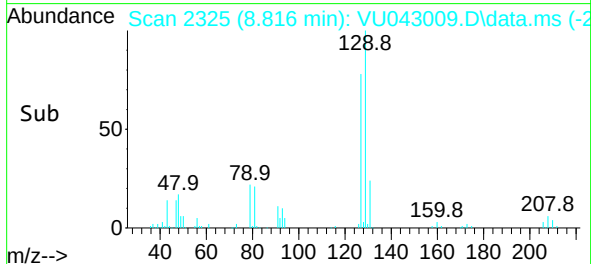
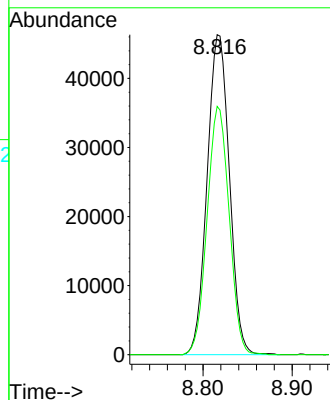
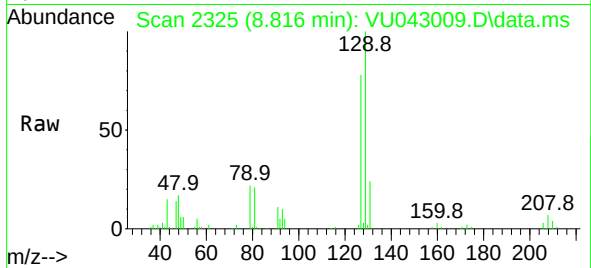
#60  
Dibromochloromethane  
Concen: 46.69 ug/l  
RT: 8.816 min Scan# 2325  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:129 Resp: 80254  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.7 116.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

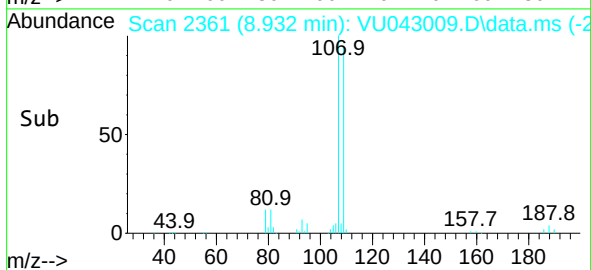
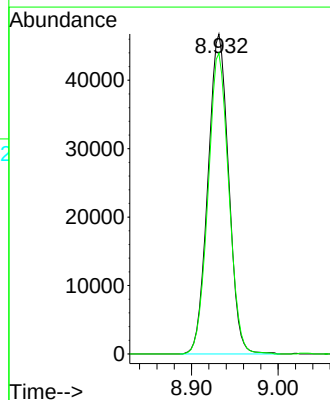
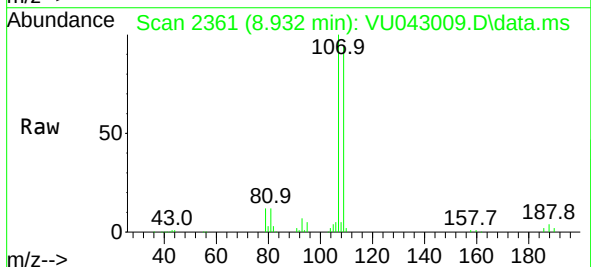
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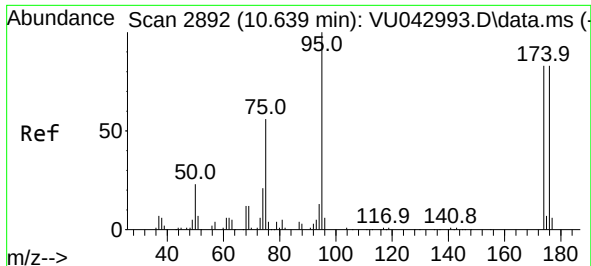
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#61  
1,2-Dibromoethane  
Concen: 51.74 ug/l  
RT: 8.932 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:107 Resp: 77549  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.7 113.5





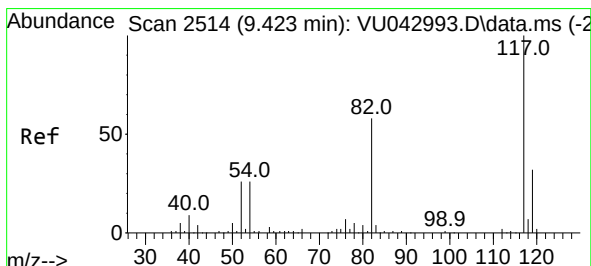
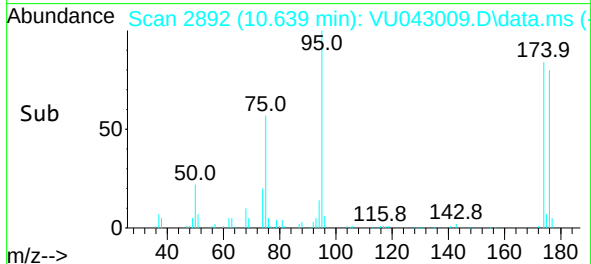
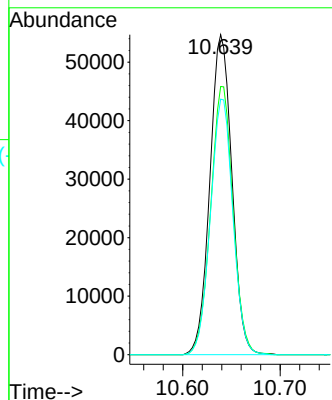
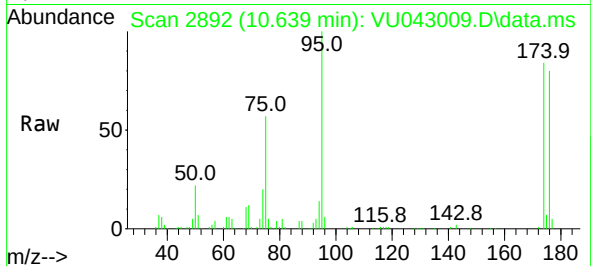
#62  
4-Bromofluorobenzene  
Concen: 46.85 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 86081 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 84.9  | 0.0   | 168.8 |
| 176       | 81.2  | 0.0   | 164.6 |

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

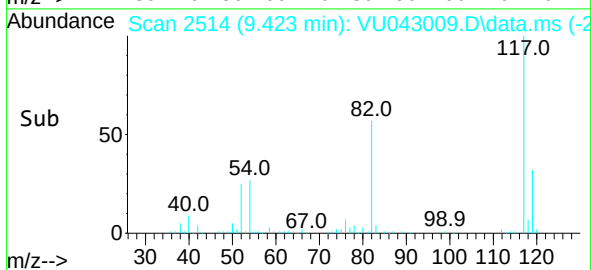
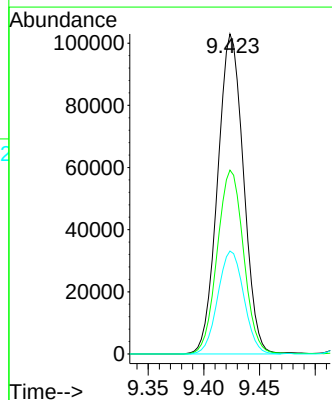
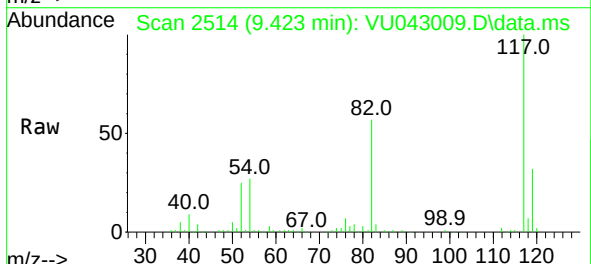
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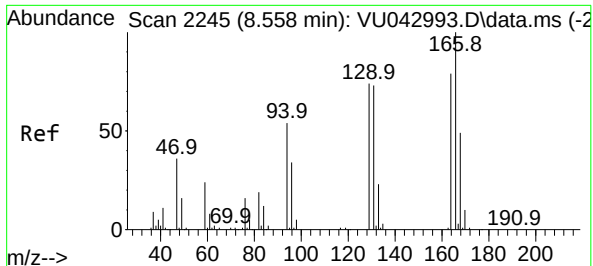
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#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 166101 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 57.4  | 46.5  | 69.7   |
| 119       | 32.2  | 25.7  | 38.5   |





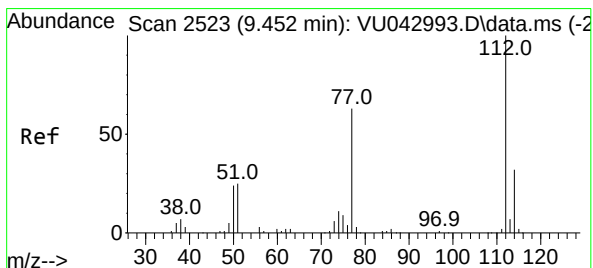
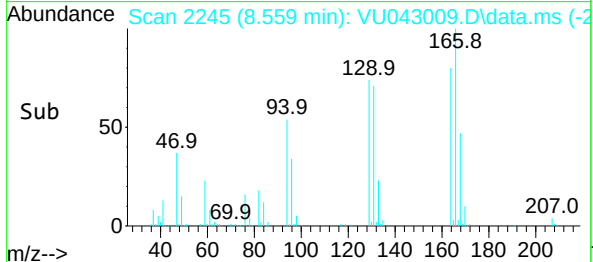
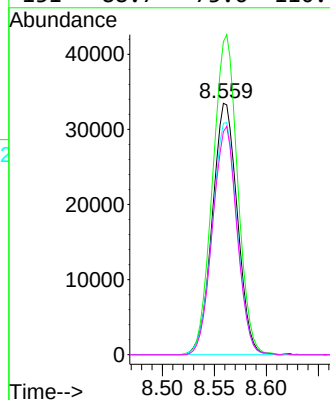
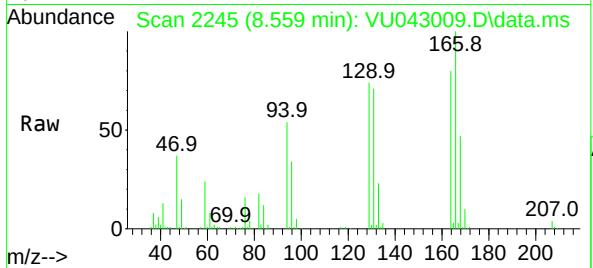
#64  
Tetrachloroethene  
Concen: 51.62 ug/l  
RT: 8.559 min Scan# 2245  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:164 Resp: 55894  
Ion Ratio Lower Upper  
164 100  
166 124.5 101.2 151.8  
129 92.0 74.5 111.7  
131 88.7 73.6 110.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

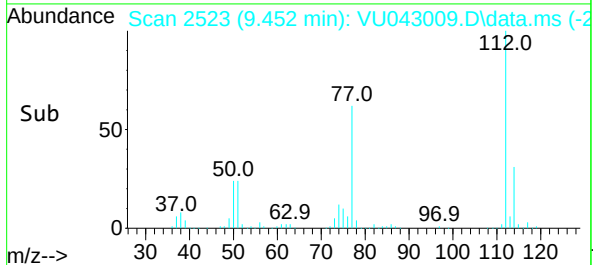
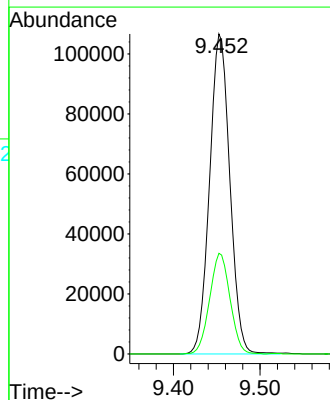
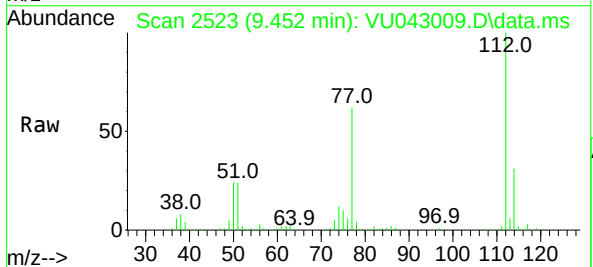
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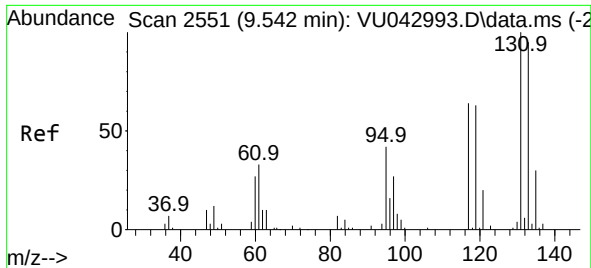
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#65  
Chlorobenzene  
Concen: 50.78 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

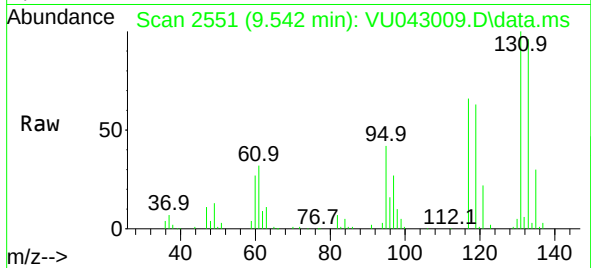
Tgt Ion:112 Resp: 173242  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.4 38.0





#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.46 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

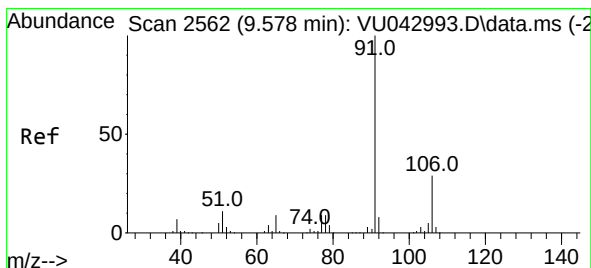
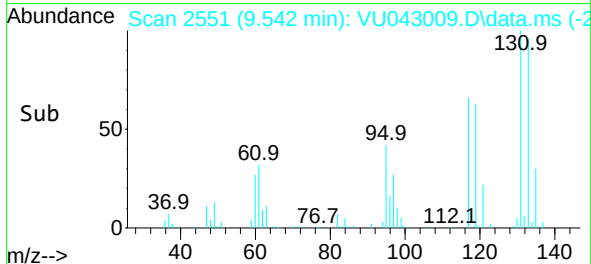
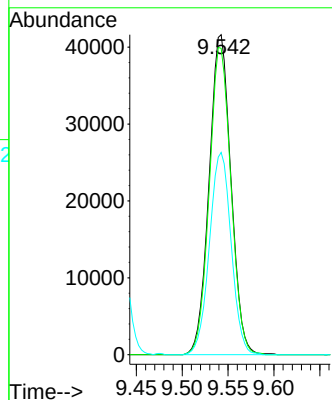
Instrument :  
MSVOA\_U  
ClientSampleId :  
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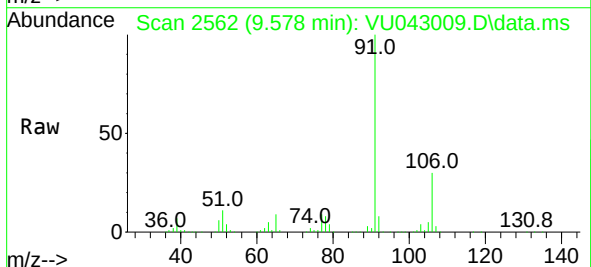
Tgt Ion:131 Resp: 68962  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.1 141.4  
119 62.8 31.1 93.2

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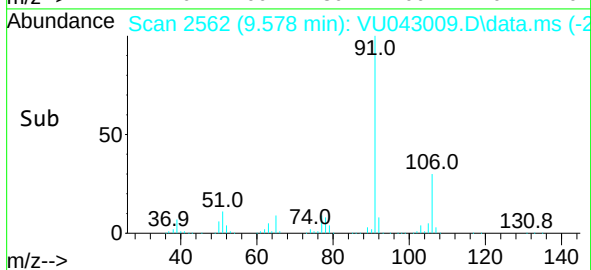
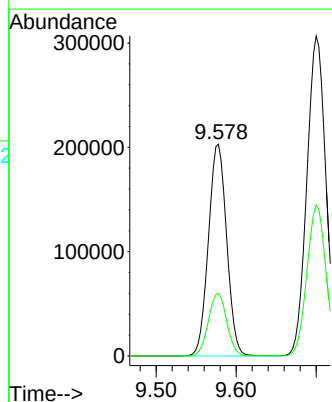
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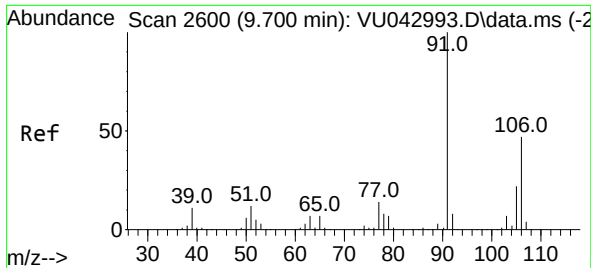


#67  
Ethyl Benzene  
Concen: 52.68 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 91 Resp: 322693  
Ion Ratio Lower Upper  
91 100  
106 29.6 23.6 35.4





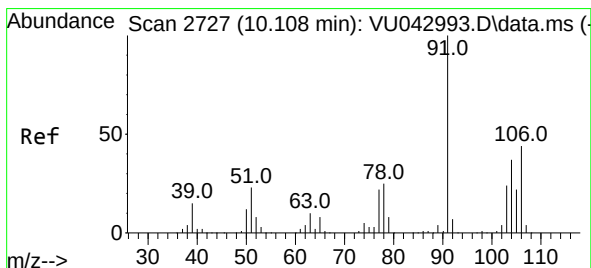
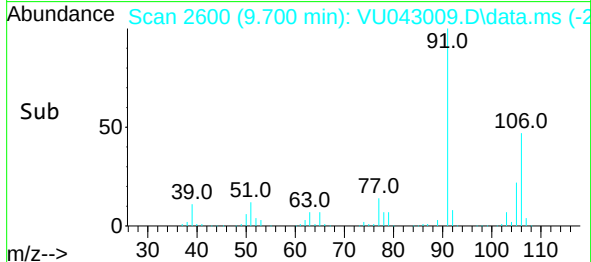
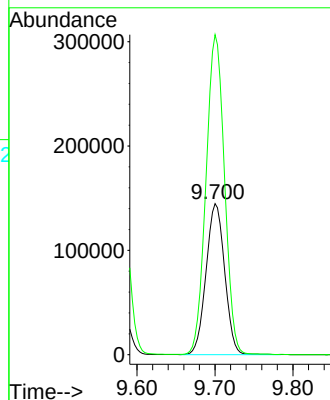
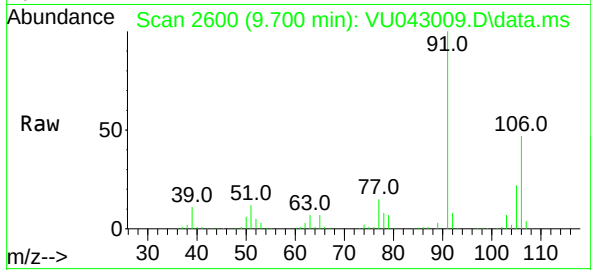
#68  
m/p-Xylenes  
Concen: 107.05 ug/l  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:106 Resp: 239900  
Ion Ratio Lower Upper  
106 100  
91 210.4 170.2 255.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

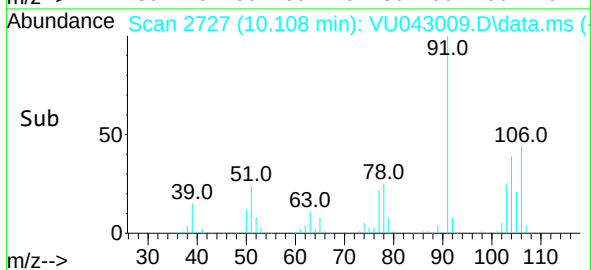
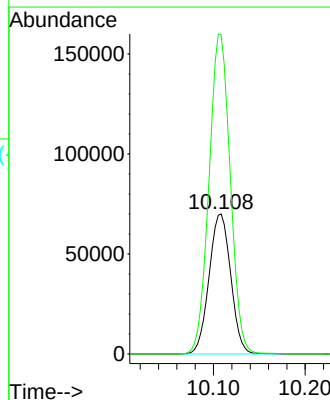
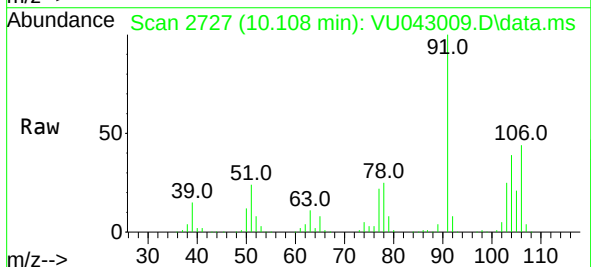
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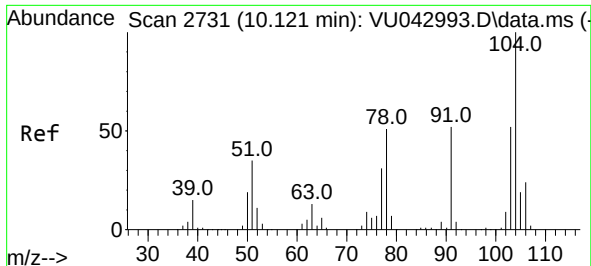
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#69  
o-Xylene  
Concen: 52.84 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:106 Resp: 114782  
Ion Ratio Lower Upper  
106 100  
91 224.5 113.8 341.2





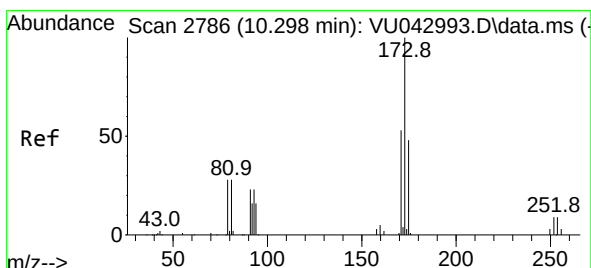
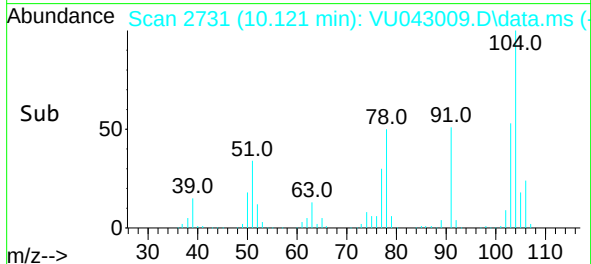
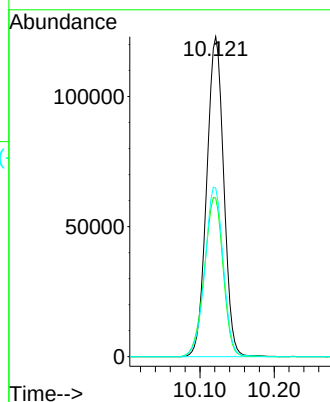
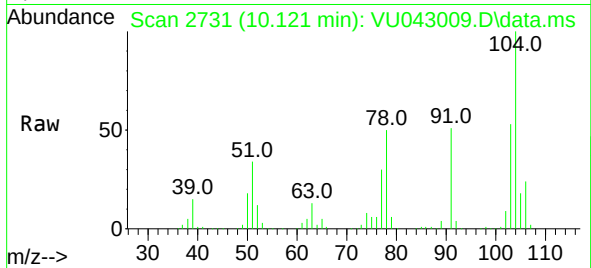
#70  
Styrene  
Concen: 46.28 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:104 Resp: 195835  
Ion Ratio Lower Upper  
104 100  
78 55.0 44.6 66.8  
103 57.3 45.5 68.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

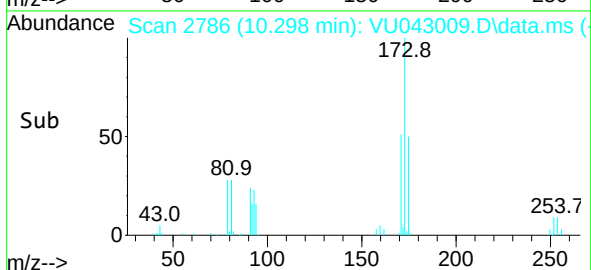
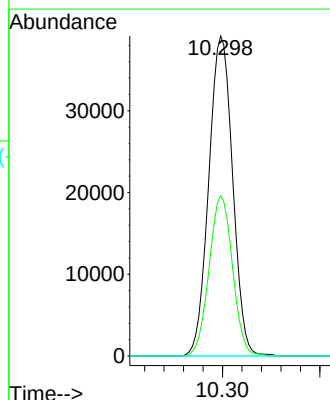
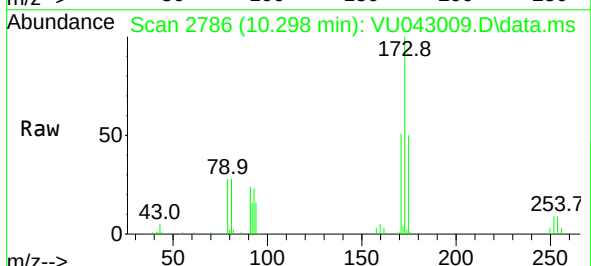
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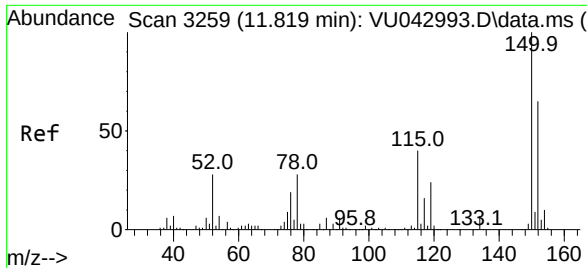
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#71  
Bromoform  
Concen: 44.07 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:173 Resp: 66550  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.6 74.0  
254 0.0 0.0 0.0





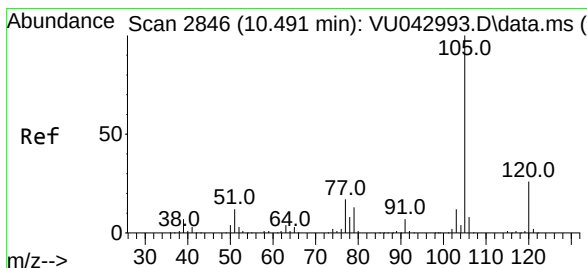
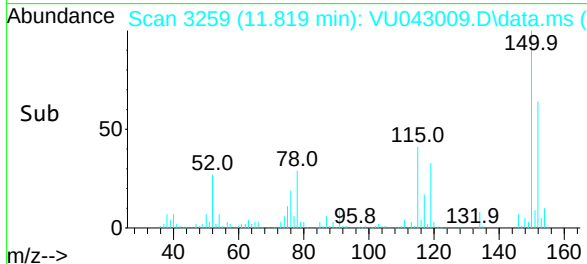
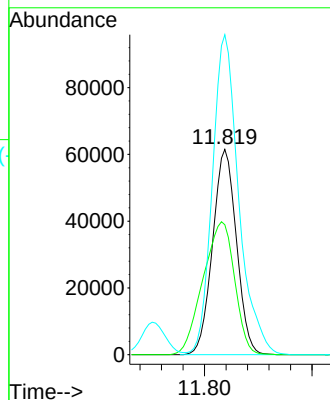
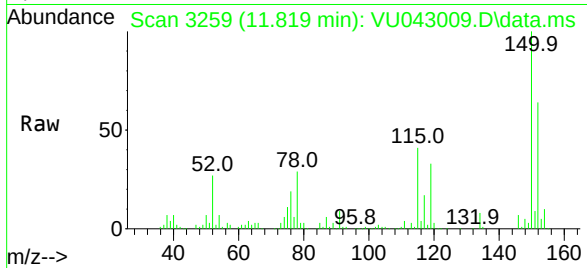
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:152 Resp: 94667  
Ion Ratio Lower Upper  
152 100  
115 85.6 42.8 128.3  
150 172.0 0.0 347.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

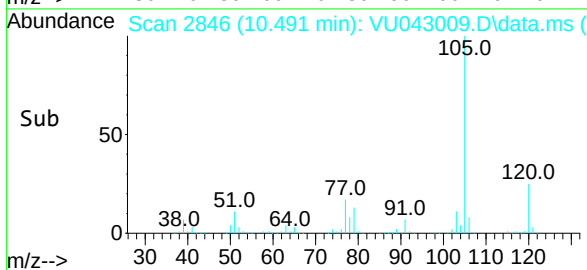
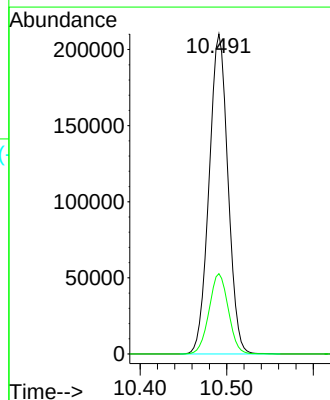
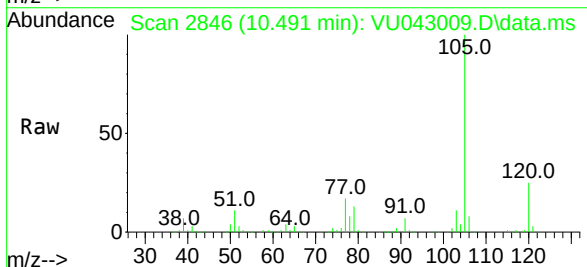
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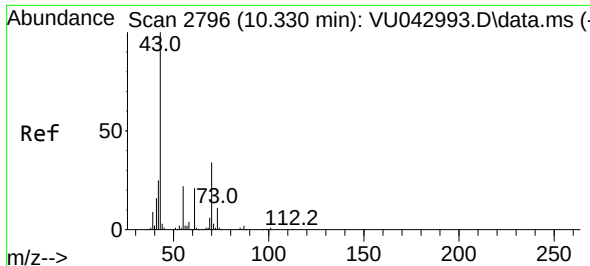


#73  
Isopropylbenzene  
Concen: 52.81 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
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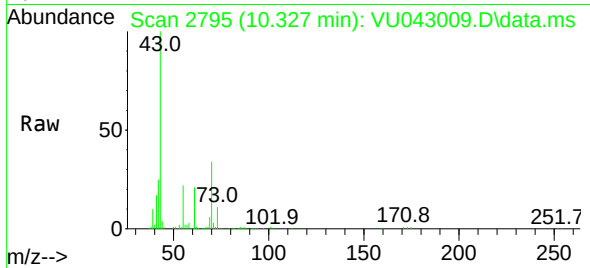
Tgt Ion:105 Resp: 318096  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.0 38.9



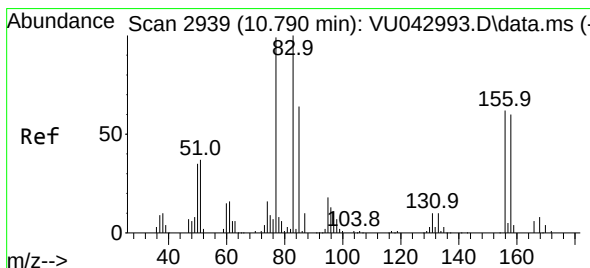
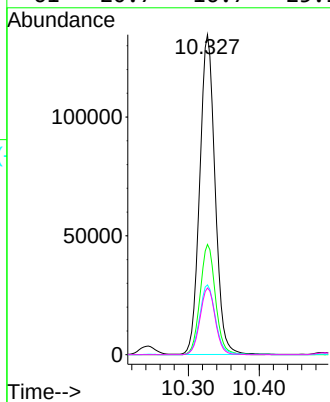
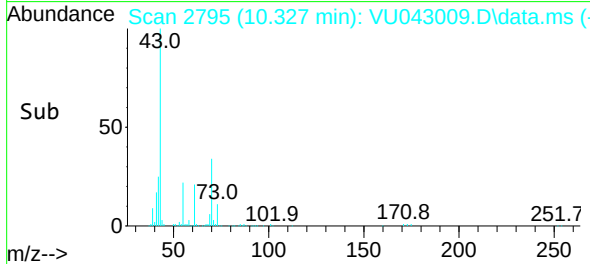




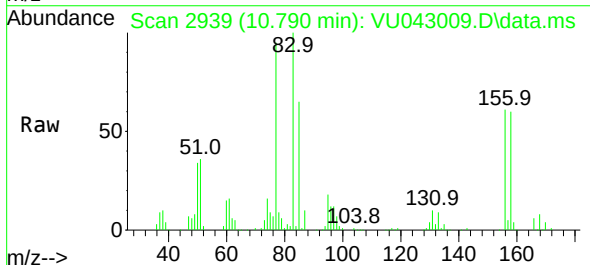
#74  
N-amy1 acetate  
Concen: 54.52 ug/l  
RT: 10.327 min Scan# 2795  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



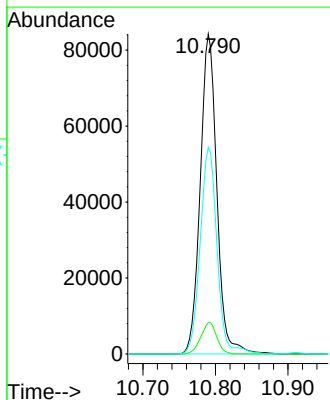
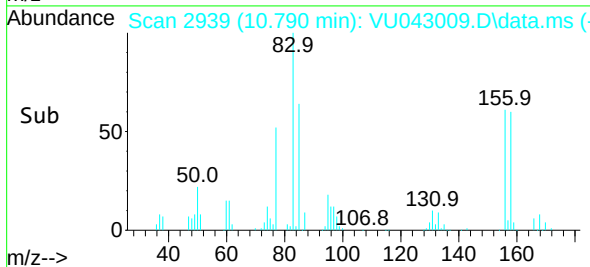
| Tgt Ion:  | 43   | Resp: | 201970 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 70        | 34.5 | 27.4  | 41.0   |
| 55        | 22.6 | 17.8  | 26.6   |
| 61        | 20.7 | 16.7  | 25.1   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.57 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



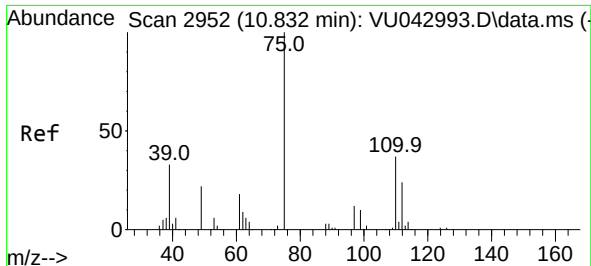
| Tgt Ion:  | 83   | Resp: | 134148 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 131       | 9.4  | 4.8   | 14.4   |
| 85        | 65.6 | 31.4  | 94.0   |



Instrument :  
MSVOA\_U  
ClientSampleId :  
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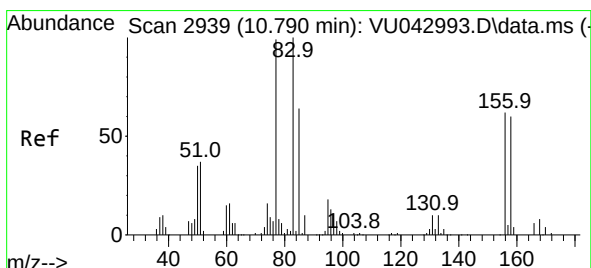
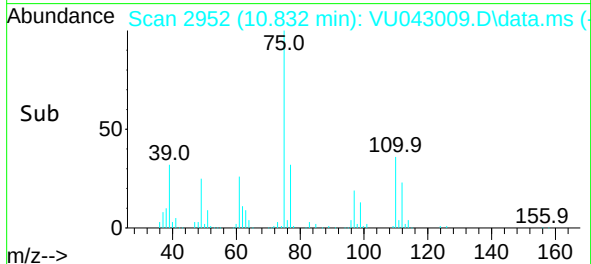
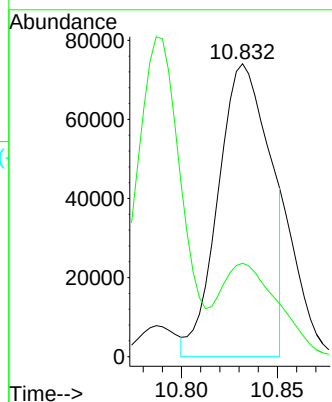
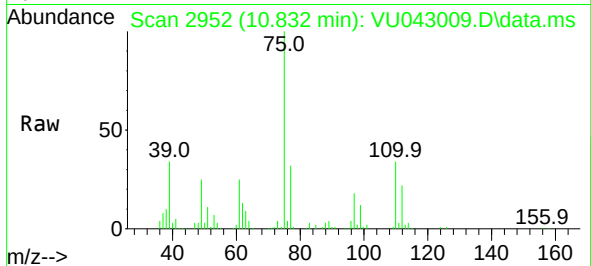
#76  
1,2,3-Trichloropropane  
Concen: 51.14 ug/l m  
RT: 10.832 min Scan# 2952  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
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Tgt Ion: 75 Resp: 138076  
Ion Ratio Lower Upper  
75 100  
77 35.0 18.2 54.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

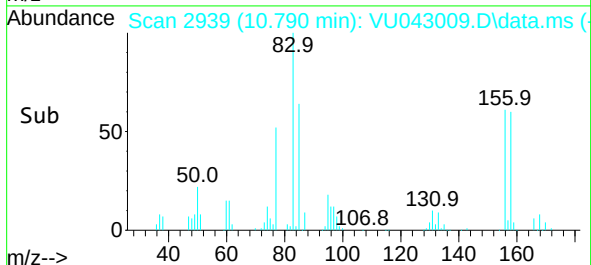
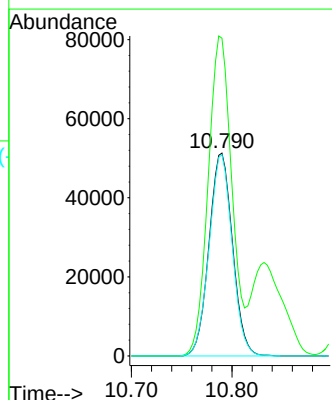
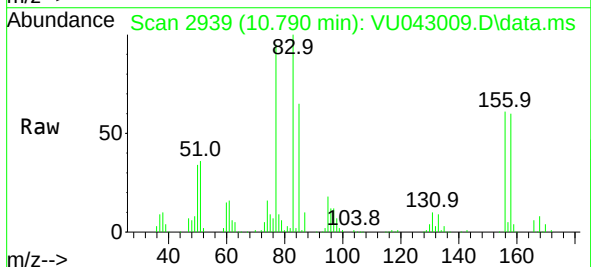
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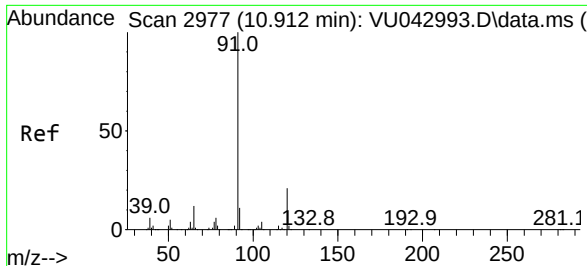
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#77  
Bromobenzene  
Concen: 50.99 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 156 Resp: 83396  
Ion Ratio Lower Upper  
156 100  
77 157.8 81.8 245.4  
158 97.5 48.9 146.8





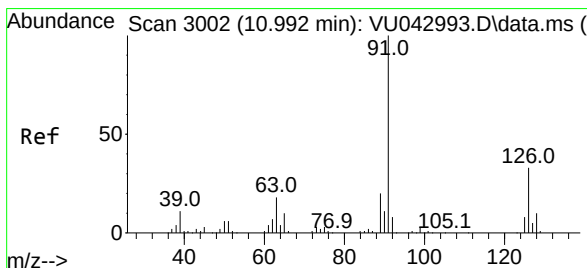
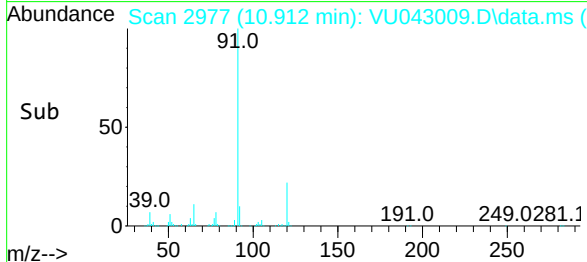
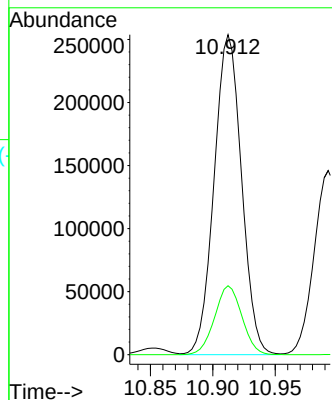
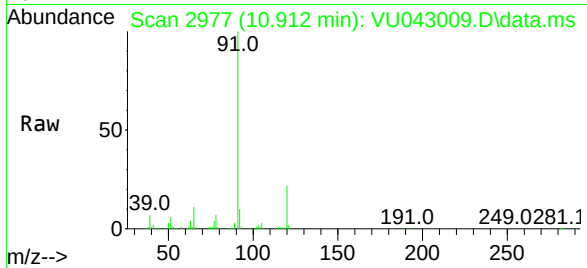
#78  
n-propylbenzene  
Concen: 53.16 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 91 Resp: 388686  
Ion Ratio Lower Upper  
91 100  
120 21.4 10.7 32.1

Instrument :  
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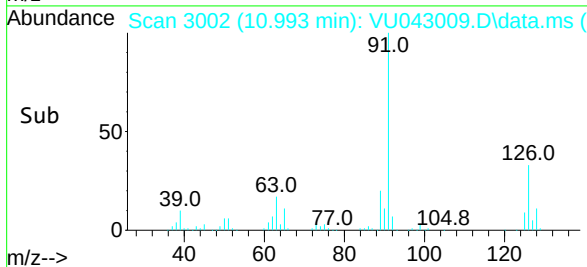
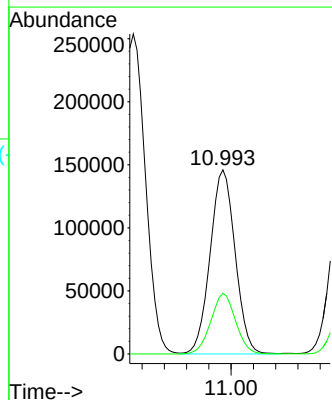
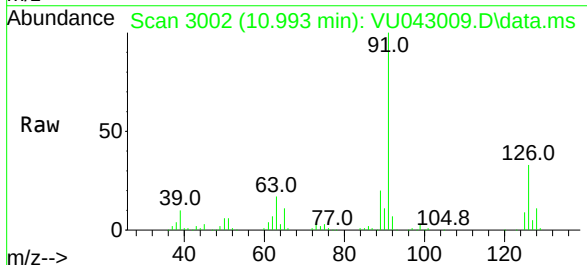
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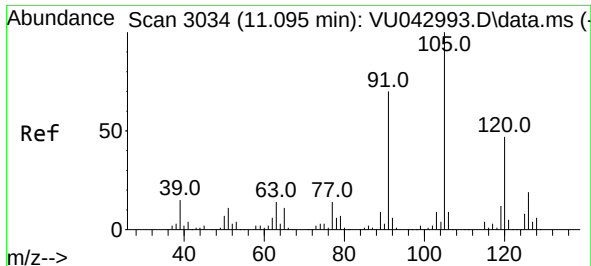
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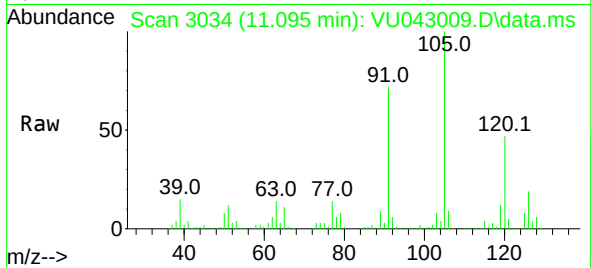
#79  
2-Chlorotoluene  
Concen: 51.52 ug/l  
RT: 10.993 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 91 Resp: 227945  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.2

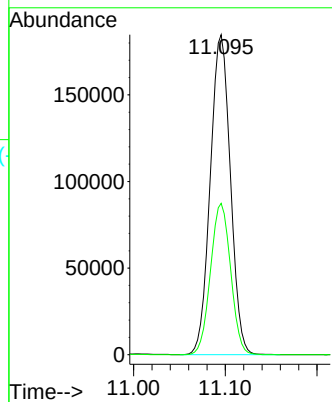
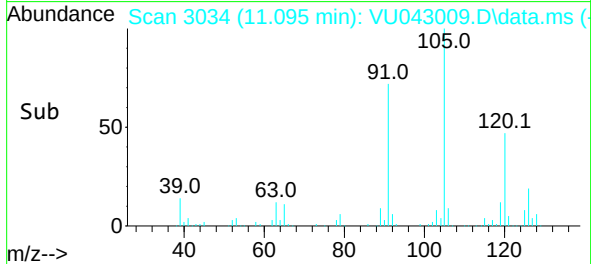




#80  
1,3,5-Trimethylbenzene  
Concen: 52.75 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
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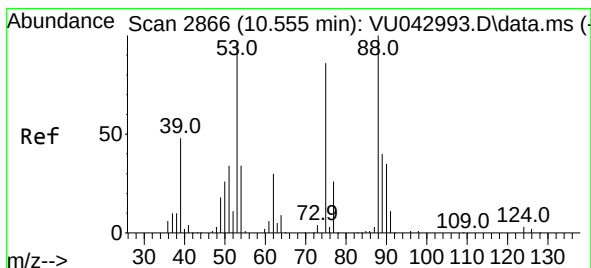
Tgt Ion: 105 Resp: 281074  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.4 70.2



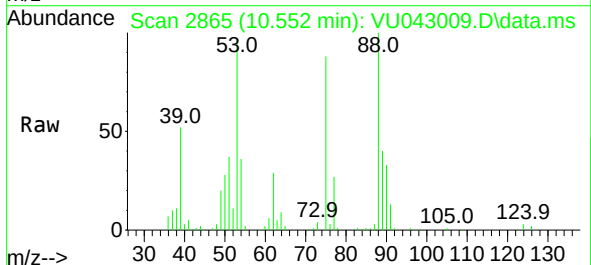
Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

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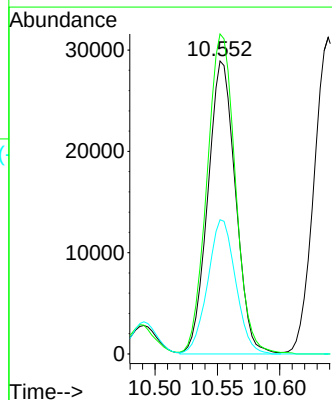
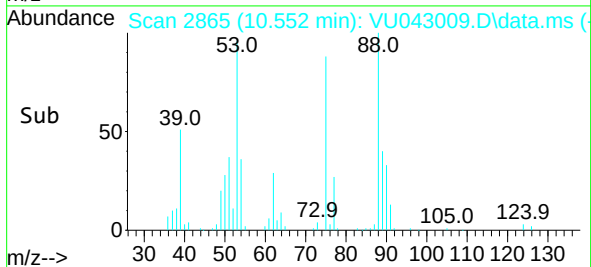
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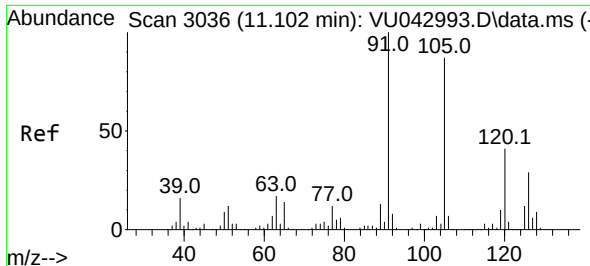


#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.83 ug/l  
RT: 10.552 min Scan# 2865  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion: 75 Resp: 44702  
Ion Ratio Lower Upper  
75 100  
53 112.1 91.1 136.7  
89 46.2 37.1 55.7





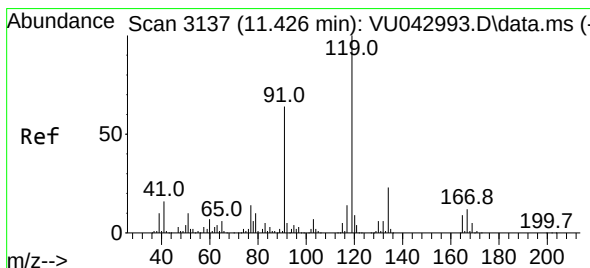
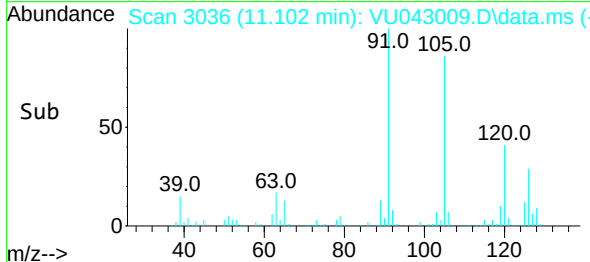
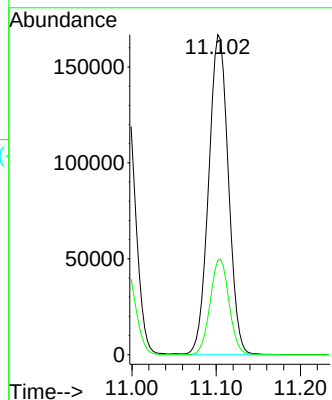
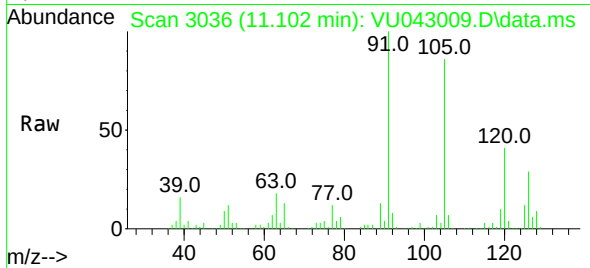
#82  
4-Chlorotoluene  
Concen: 51.61 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 91 Resp: 271769  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.2 42.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
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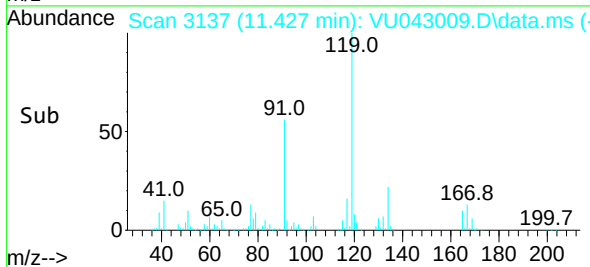
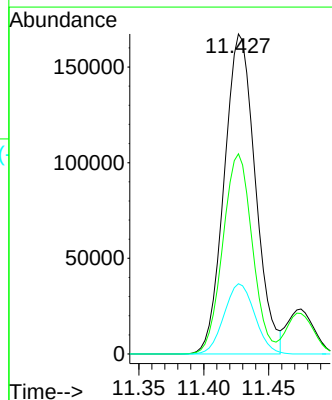
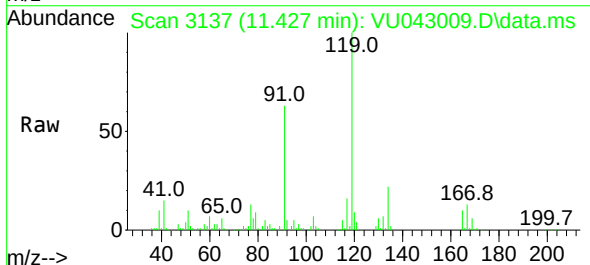
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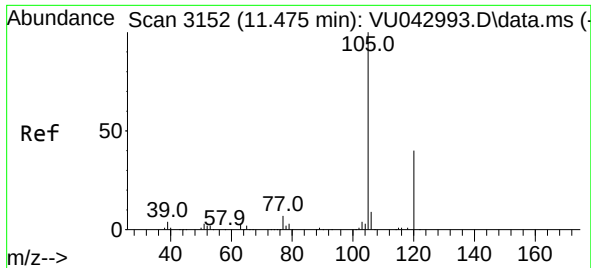
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#83  
tert-Butylbenzene  
Concen: 52.30 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 119 Resp: 278562  
Ion Ratio Lower Upper  
119 100  
91 59.5 29.9 89.7  
134 21.6 11.1 33.1





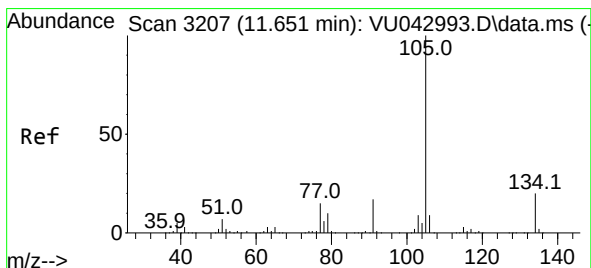
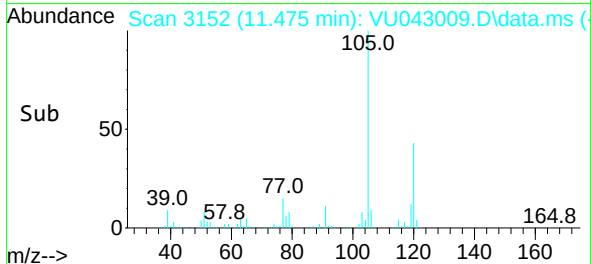
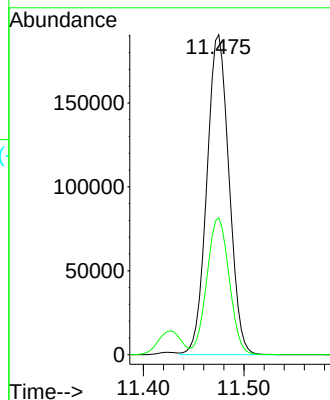
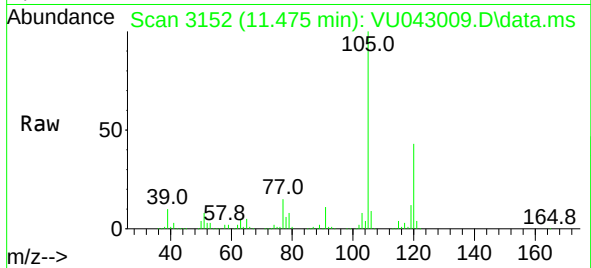
#84  
1,2,4-Trimethylbenzene  
Concen: 52.95 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:105 Resp: 292074  
Ion Ratio Lower Upper  
105 100  
120 43.2 21.9 65.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
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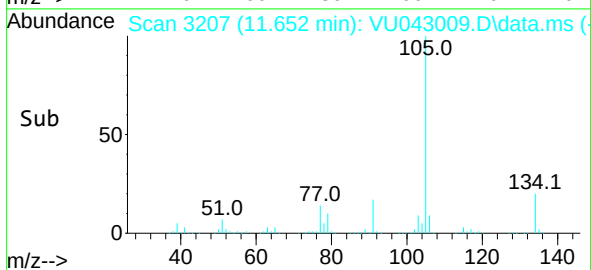
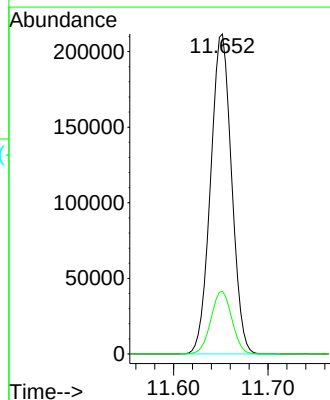
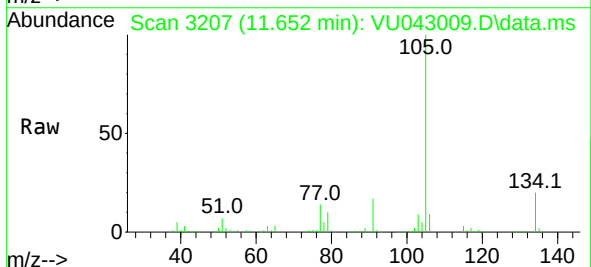
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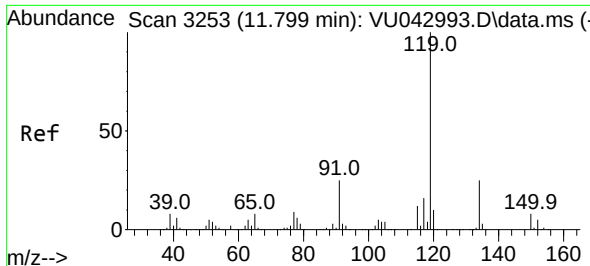
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#85  
sec-Butylbenzene  
Concen: 52.50 ug/l  
RT: 11.652 min Scan# 3207  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:105 Resp: 326375  
Ion Ratio Lower Upper  
105 100  
134 19.5 9.9 29.7





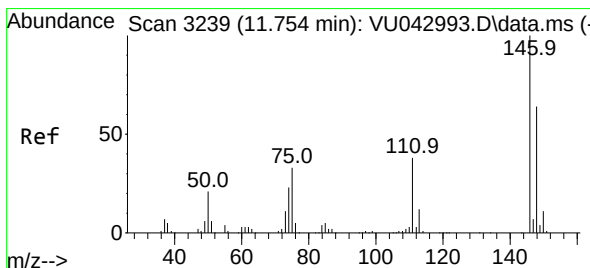
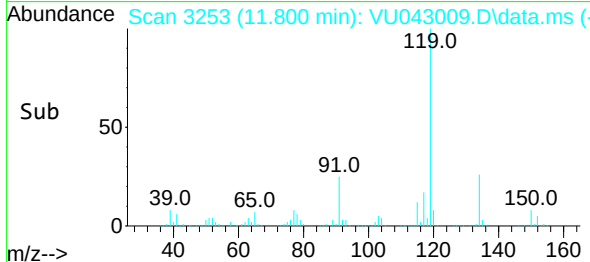
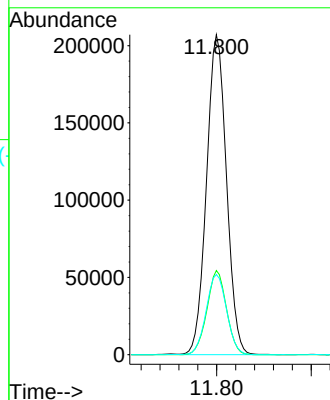
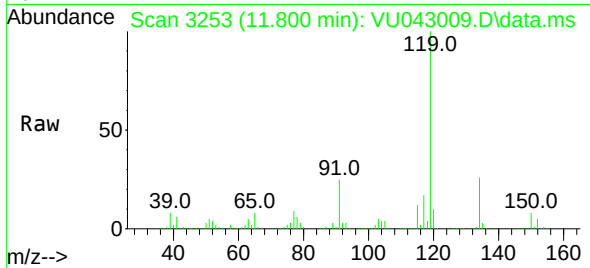
#86  
p-Isopropyltoluene  
Concen: 53.98 ug/l  
RT: 11.800 min Scan# 3253  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:119 Resp: 303374  
Ion Ratio Lower Upper  
119 100  
134 25.7 12.8 38.4  
91 25.7 12.9 38.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
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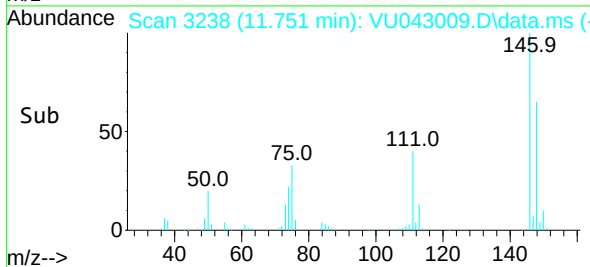
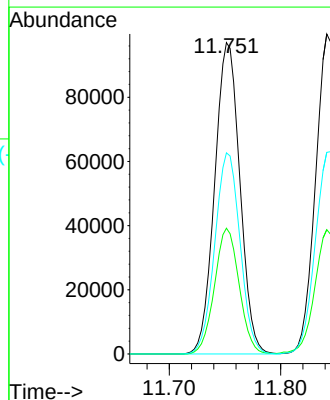
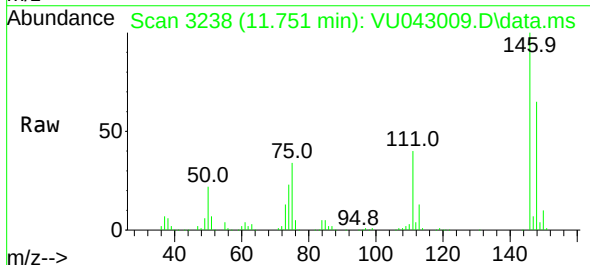
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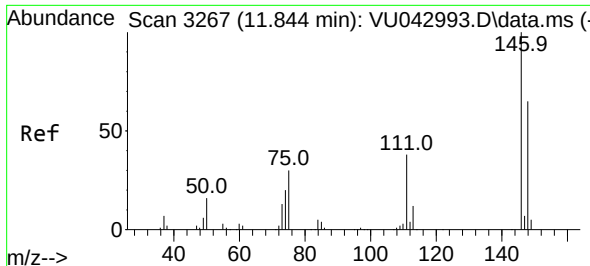
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#87  
1,3-Dichlorobenzene  
Concen: 49.72 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:146 Resp: 152412  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.4 58.4  
148 64.8 31.9 95.5





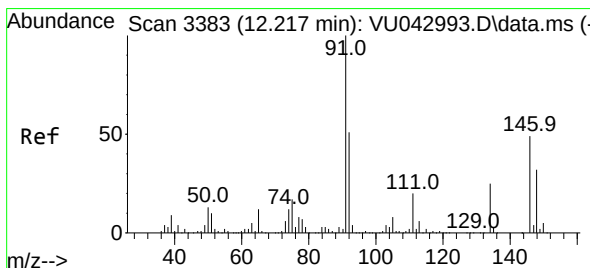
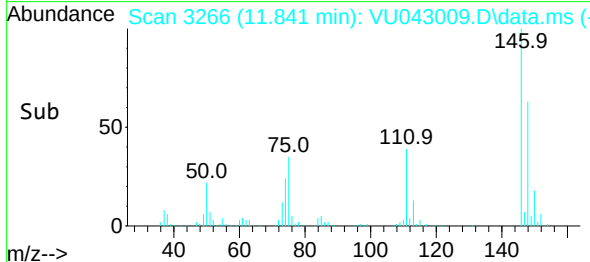
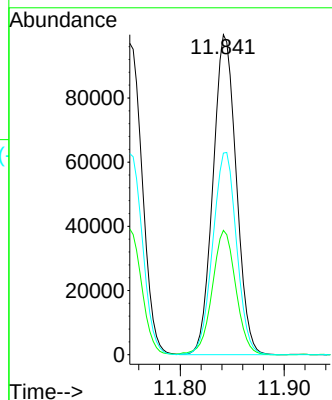
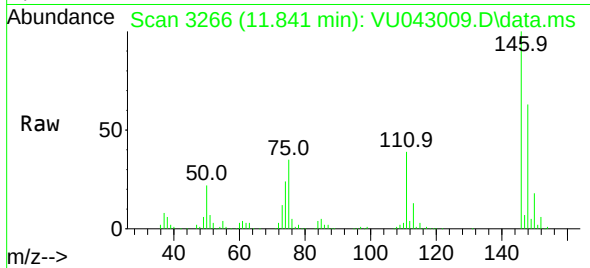
#88  
1,4-Dichlorobenzene  
Concen: 49.85 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 155187 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 39.3  | 19.8  | 59.3   |
| 148       | 64.8  | 32.4  | 97.2   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
GWBR3-200-220-040721MS

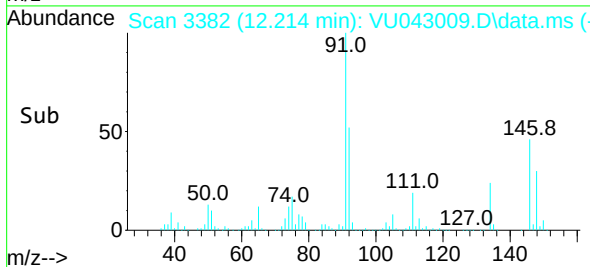
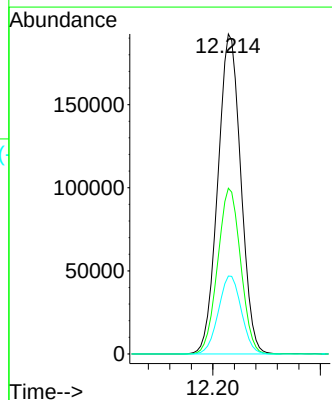
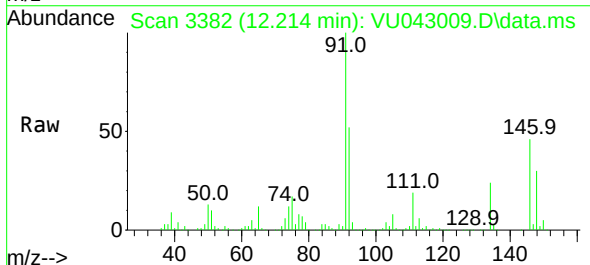
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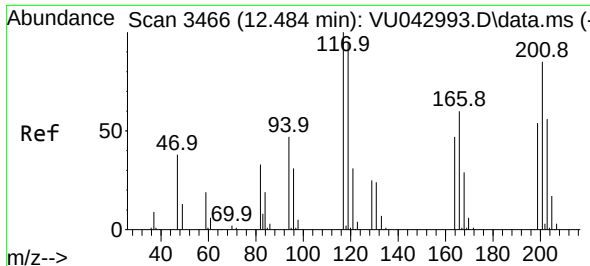


#89  
n-Butylbenzene  
Concen: 49.12 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 285524 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 51.8  | 25.7  | 77.1   |
| 134       | 24.4  | 12.2  | 36.4   |

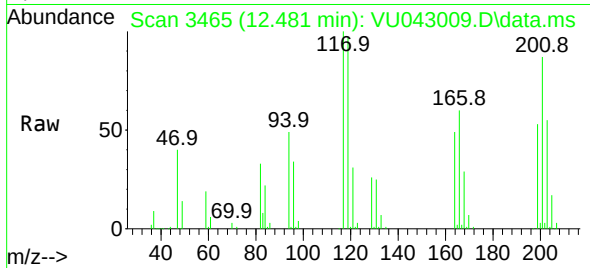






#90  
Hexachloroethane  
Concen: 46.99 ug/l  
RT: 12.481 min Scan# 3465  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

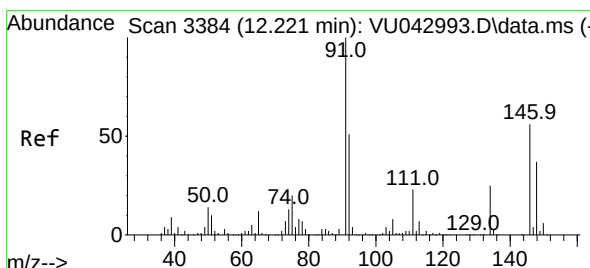
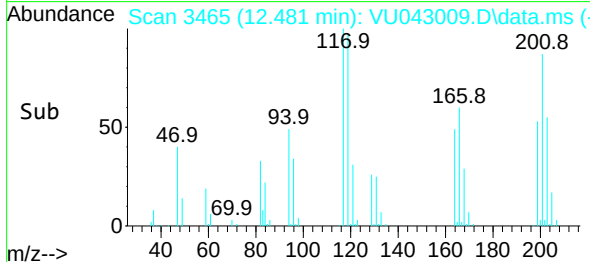
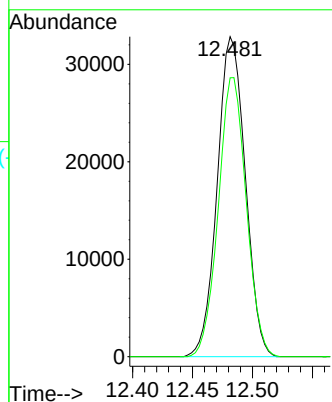
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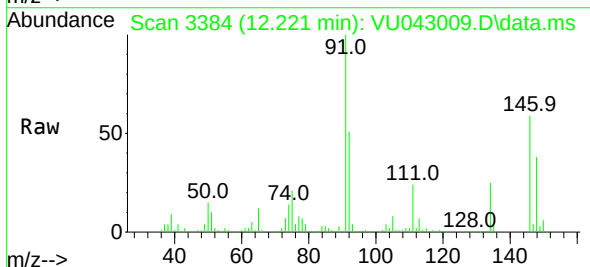
Tgt Ion:117 Resp: 53420  
Ion Ratio Lower Upper  
117 100  
201 86.9 42.4 127.1

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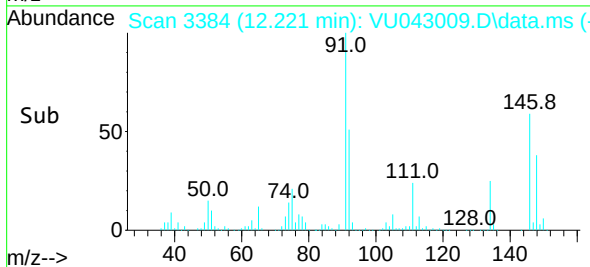
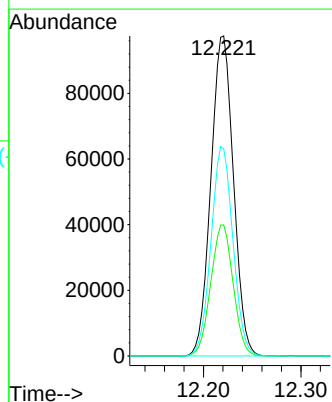
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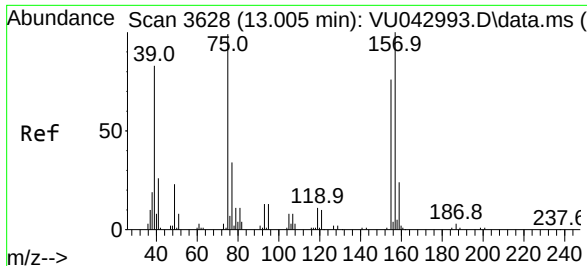


#91  
1,2-Dichlorobenzene  
Concen: 51.71 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion:146 Resp: 156962  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.5 61.5  
148 63.8 32.1 96.5





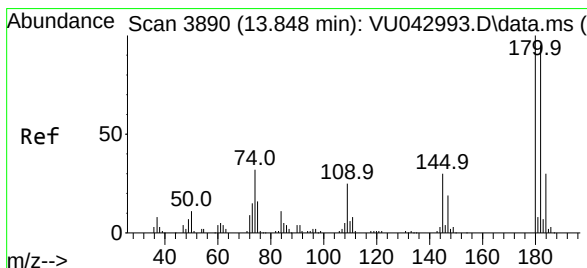
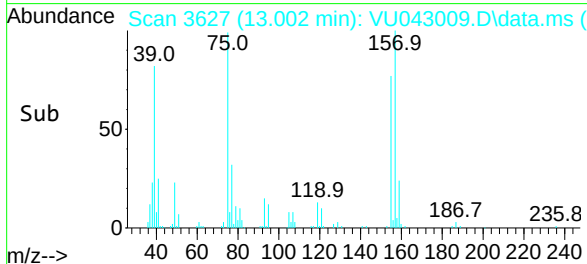
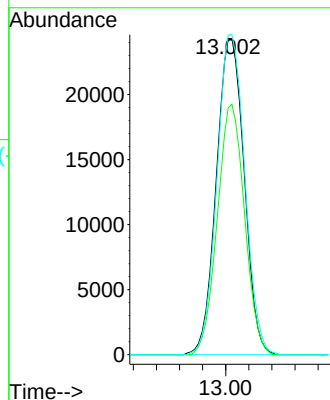
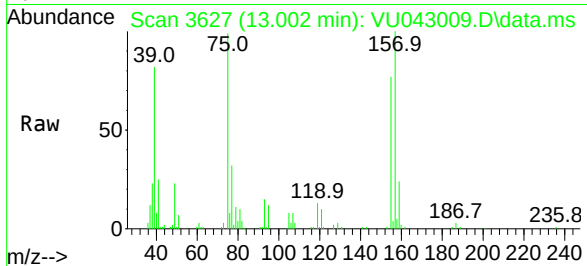
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.46 ug/l  
RT: 13.002 min Scan# 3627  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion: 75 Resp: 40601  
Ion Ratio Lower Upper  
75 100  
155 77.6 39.6 119.0  
157 101.2 50.5 151.6

Instrument :  
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ClientSampleId :  
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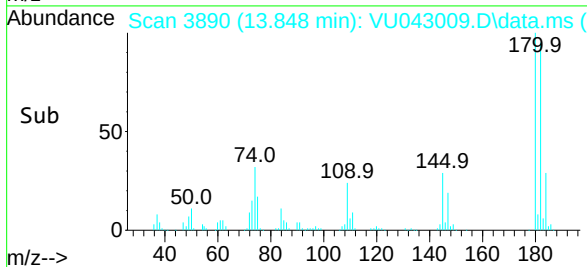
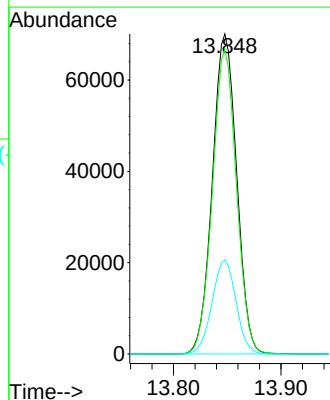
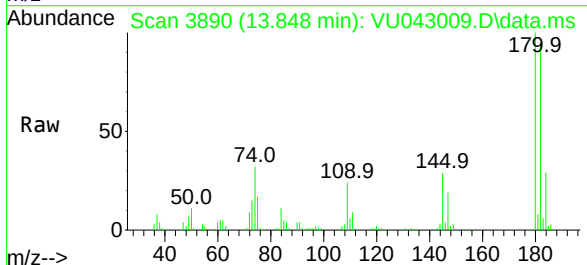
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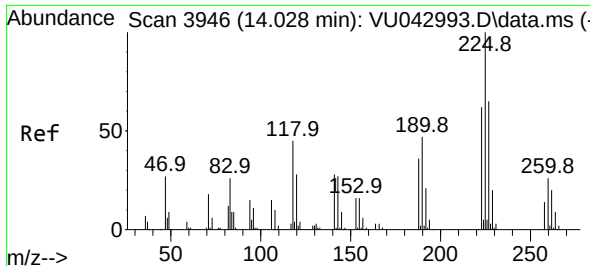
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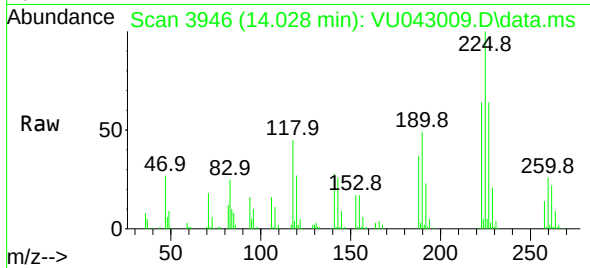
#93  
1,2,4-Trichlorobenzene  
Concen: 58.12 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50

Tgt Ion:180 Resp: 109991  
Ion Ratio Lower Upper  
180 100  
182 94.0 47.8 143.3  
145 29.0 14.9 44.5

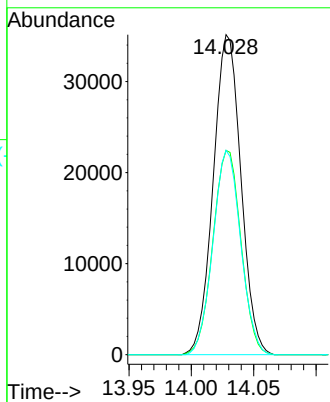
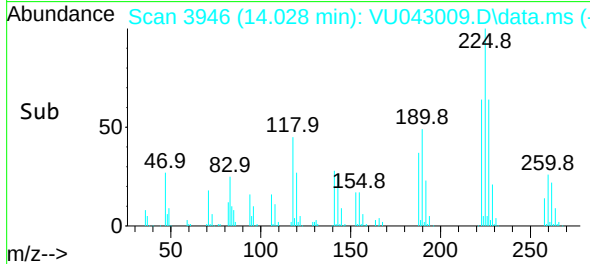




#94  
Hexachlorobutadiene  
Concen: 52.48 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. 0.000 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



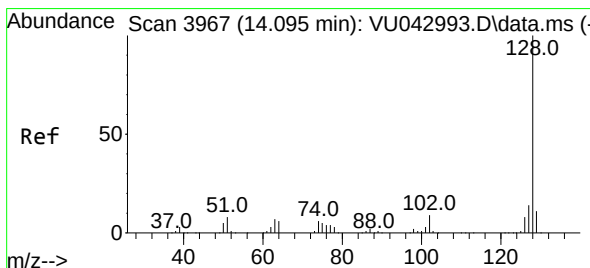
Tgt Ion:225 Resp: 54335  
Ion Ratio Lower Upper  
225 100  
223 64.6 31.9 95.5  
227 64.0 32.1 96.3



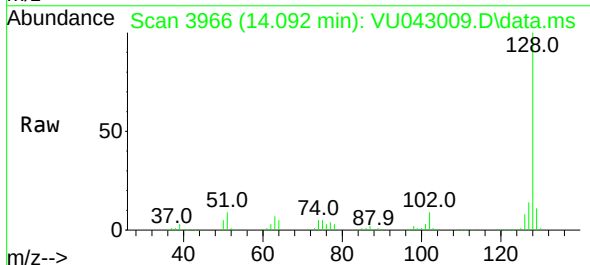
Instrument :  
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ClientSampleId :  
GWBR3-200-220-040721MS

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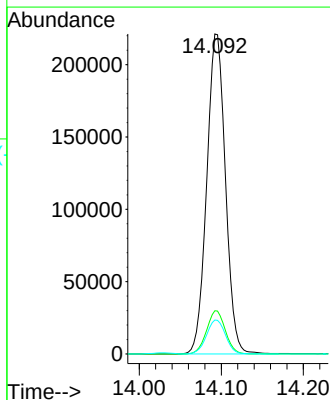
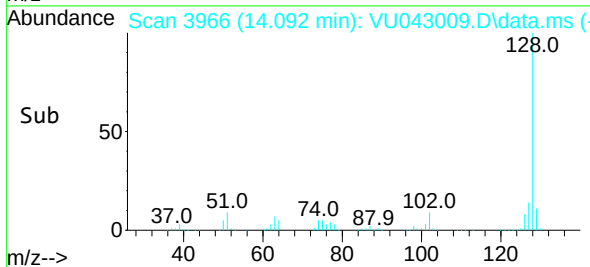
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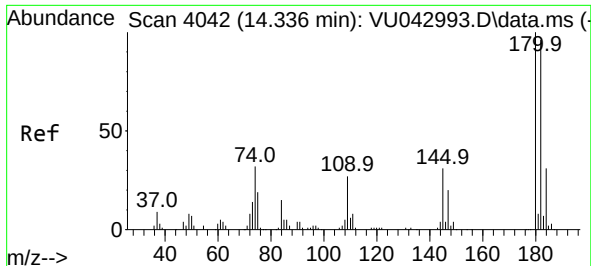


#95  
Naphthalene  
Concen: 51.69 ug/l  
RT: 14.092 min Scan# 3966  
Delta R.T. -0.003 min  
Lab File: VU043009.D  
Acq: 09 Apr 2021 17:50



Tgt Ion:128 Resp: 351001  
Ion Ratio Lower Upper  
128 100  
127 13.5 11.0 16.4  
129 10.8 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 56.84 ug/l  
 RT: 14.336 min Scan# 4042  
 Delta R.T. 0.000 min  
 Lab File: VU043009.D  
 Acq: 09 Apr 2021 17:50

Tgt Ion:180 Resp: 106932  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 47.9 143.8  
 145 30.6 15.3 45.8

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GWBR3-200-220-040721MS

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