

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041321\  
 Data File : VU043042.D  
 Acq On : 13 Apr 2021 11:33  
 Operator : SY/MD  
 Sample : VU0413WBS01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0413WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/14/2021 6:28:02 PM

Quant Time: Apr 13 14:28:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|------------------------------|--------|------|----------|-------|--------|----------|
| -----                        |        |      |          |       |        |          |
| Internal Standards           |        |      |          |       |        |          |
| 1) Pentafluorobenzene        | 5.382  | 168  | 111597   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.256  | 114  | 172438   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.423  | 117  | 161459   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.819 | 152  | 89662    | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds  |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.710  | 65   | 83903    | 44.72 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 89.44% |          |
| 35) Dibromofluoromethane     | 5.298  | 113  | 60202    | 46.46 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 92.92% |          |
| 50) Toluene-d8               | 7.906  | 98   | 211303   | 46.09 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 92.18% |          |
| 62) 4-Bromofluorobenzene     | 10.642 | 95   | 79904    | 43.52 | ug/l   | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =     | 87.04% |          |
| Target Compounds             |        |      |          |       |        |          |
|                              |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 20417    | 17.73 | ug/l   | 98       |
| 3) Chloromethane             | 1.523  | 50   | 23707    | 18.56 | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.607  | 62   | 23047    | 18.36 | ug/l   | 99       |
| 5) Bromomethane              | 1.854  | 94   | 13582    | 19.85 | ug/l   | 100      |
| 6) Chloroethane              | 1.932  | 64   | 15940    | 18.38 | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 2.141  | 101  | 39999    | 18.75 | ug/l   | 99       |
| 8) Diethyl Ether             | 2.382  | 74   | 12700    | 18.59 | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 2.587  | 101  | 20254    | 18.45 | ug/l   | 96       |
| 10) Methyl Iodide            | 2.729  | 142  | 25373    | 17.54 | ug/l   | 99       |
| 11) Tert butyl alcohol       | 3.202  | 59   | 39499    | 81.69 | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 2.584  | 96   | 18850    | 18.04 | ug/l   | 96       |
| 13) Acrolein                 | 2.491  | 56   | 24048    | 86.88 | ug/l   | 94       |
| 14) Allyl chloride           | 2.928  | 41   | 44254    | 17.46 | ug/l   | 97       |
| 15) Acrylonitrile            | 3.321  | 53   | 88465    | 85.06 | ug/l   | 99       |
| 16) Acetone                  | 2.633  | 43   | 91963    | 83.09 | ug/l   | 99       |
| 17) Carbon Disulfide         | 2.800  | 76   | 54737    | 17.03 | ug/l   | 100      |
| 18) Methyl Acetate           | 2.954  | 43   | 40813    | 17.40 | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.372  | 73   | 74959    | 18.16 | ug/l   | 99       |
| 20) Methylene Chloride       | 3.054  | 84   | 23547    | 17.67 | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96   | 21856    | 17.91 | ug/l   | 98       |
| 22) Diisopropyl ether        | 4.002  | 45   | 85759    | 17.68 | ug/l   | 98       |
| 23) Vinyl Acetate            | 3.964  | 43   | 413606   | 88.13 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.880  | 63   | 43863    | 17.89 | ug/l   | 99       |
| 25) 2-Butanone               | 4.713  | 43   | 145072   | 85.13 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.674  | 77   | 38369    | 17.84 | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.677  | 96   | 25002    | 18.01 | ug/l   | 99       |
| 28) Bromochloromethane       | 4.983  | 49   | 22549    | 18.03 | ug/l   | 98       |
| 29) Tetrahydrofuran          | 5.060  | 42   | 91664    | 85.42 | ug/l   | 97       |
| 30) Chloroform               | 5.099  | 83   | 45423    | 17.49 | ug/l   | 96       |
| 31) Cyclohexane              | 5.394  | 56   | 42667    | 18.44 | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.327  | 97   | 39182    | 17.07 | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.536  | 75   | 33021    | 18.05 | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.812  | 43   | 52632    | 16.82 | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.533  | 117  | 35019    | 17.85 | ug/l   | 100      |
| 39) Methylcyclohexane        | 6.771  | 83   | 35733    | 17.77 | ug/l   | 96       |
| 40) Benzene                  | 5.784  | 78   | 95050    | 18.18 | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041321\  
 Data File : VU043042.D  
 Acq On : 13 Apr 2021 11:33  
 Operator : SY/MD  
 Sample : VU0413WBS01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0413WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 4/14/2021 6:28:02 PM

Quant Time: Apr 13 14:28:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.983  | 41   | 27618    | 16.79  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 42293    | 18.24  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 5.922  | 43   | 76285    | 17.10  | ug/l   | 97       |
| 44) Trichloroethene           | 6.549  | 130  | 23733    | 17.90  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 6.800  | 63   | 25559    | 17.55  | ug/l   | 95       |
| 46) Dibromomethane            | 6.925  | 93   | 18038    | 17.51  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.111  | 83   | 37040    | 18.22  | ug/l   | 96       |
| 48) Methyl methacrylate       | 6.967  | 41   | 39372    | 17.58  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.986  | 88   | 15575    | 347.10 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 7.800  | 43   | 271075   | 82.13  | ug/l   | 99       |
| 52) Toluene                   | 7.976  | 92   | 58954    | 18.19  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.217  | 75   | 38882    | 17.22  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.616  | 75   | 39374    | 17.18  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 8.407  | 97   | 24526    | 17.64  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 8.343  | 69   | 37952    | 16.67  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 8.584  | 76   | 43274    | 18.02  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.472  | 63   | 67771    | 76.81  | ug/l   | 100      |
| 59) 2-Hexanone                | 8.693  | 43   | 218156   | 80.27  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.819  | 129  | 26968    | 16.77  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 8.931  | 107  | 27147    | 17.31  | ug/l   | 95       |
| 64) Tetrachloroethene         | 8.562  | 164  | 21659    | 18.49  | ug/l   | 98       |
| 65) Chlorobenzene             | 9.455  | 112  | 63111    | 18.23  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.542  | 131  | 24331    | 18.38  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.578  | 91   | 116312   | 18.61  | ug/l   | 98       |
| 68) m/p-Xylenes               | 9.700  | 106  | 84336    | 36.48  | ug/l   | 99       |
| 69) o-Xylene                  | 10.108 | 106  | 41258    | 18.28  | ug/l   | 98       |
| 70) Styrene                   | 10.121 | 104  | 67687    | 17.81  | ug/l   | 98       |
| 71) Bromoform                 | 10.298 | 173  | 23220    | 17.03  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.491 | 105  | 112605   | 18.71  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.327 | 43   | 64604    | 16.71  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 45017    | 17.18  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.832 | 75   | 43480m   | 16.60  | ug/l   |          |
| 77) Bromobenzene              | 10.790 | 156  | 29538    | 17.62  | ug/l   | 98       |
| 78) n-propylbenzene           | 10.912 | 91   | 132984   | 18.46  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.992 | 91   | 79772    | 18.22  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 98124    | 18.47  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 10.555 | 75   | 14037    | 15.74  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.105 | 91   | 94594    | 17.98  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.430 | 119  | 94511    | 18.10  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 99865    | 18.30  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.651 | 105  | 113400   | 18.53  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 11.799 | 119  | 104294   | 18.51  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.751 | 146  | 53634    | 17.65  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.844 | 146  | 54565    | 17.21  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.217 | 91   | 92965    | 17.62  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.484 | 117  | 18267    | 17.30  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.221 | 146  | 53433    | 17.21  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 12646    | 17.05  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 13.848 | 180  | 34324    | 17.72  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.028 | 225  | 20089    | 19.22  | ug/l   | 98       |
| 95) Naphthalene               | 14.095 | 128  | 97371    | 16.93  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.339 | 180  | 32809    | 17.46  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041321\  
Data File : VU043042.D  
Acq On : 13 Apr 2021 11:33  
Operator : SY/MD  
Sample : VU0413WBS01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

Manual Integrations  
APPROVED

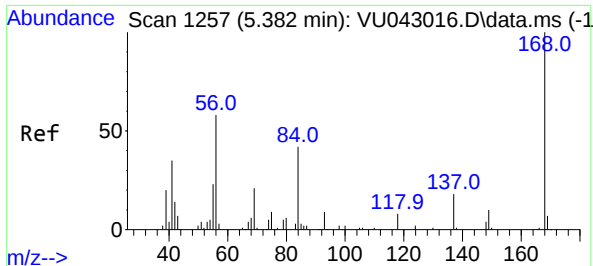
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4/14/2021 6:28:02 PM

Quant Time: Apr 13 14:28:31 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

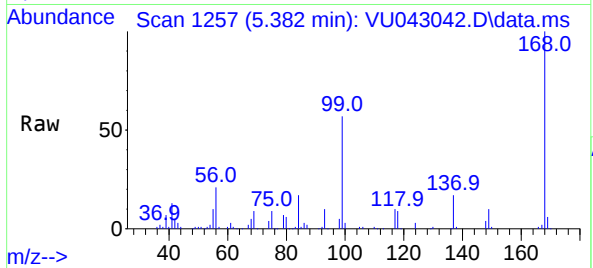
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

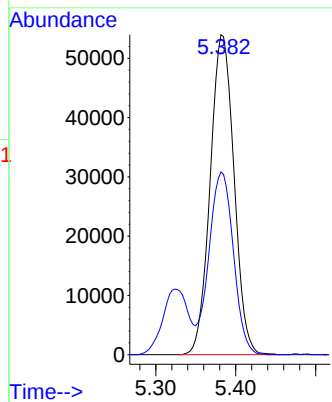
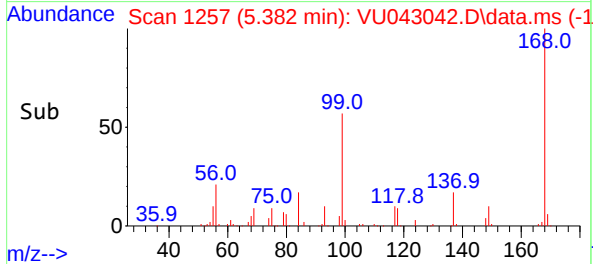




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



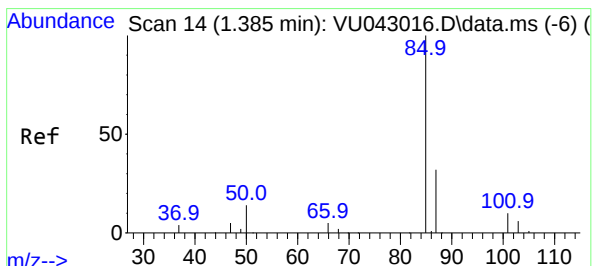
Tgt Ion: 168 Resp: 111597  
Ion Ratio Lower Upper  
168 100  
99 57.1 45.0 67.4



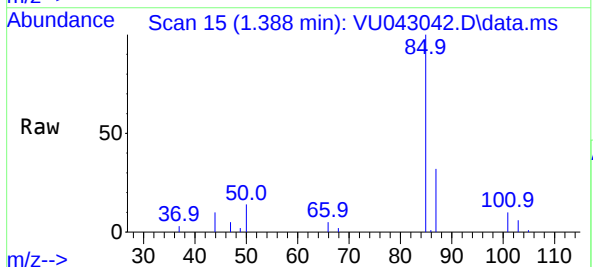
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

Manual Integrations  
APPROVED

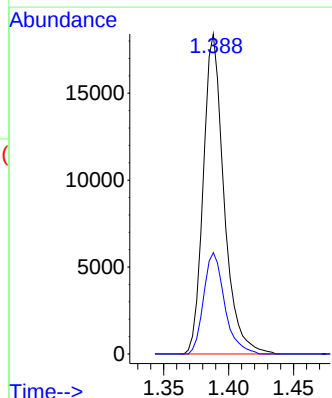
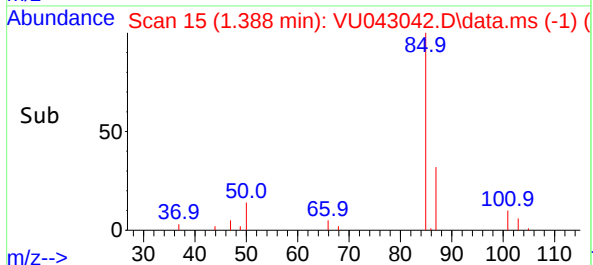
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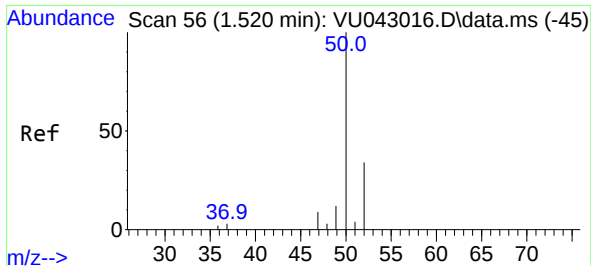


#2  
Dichlorodifluoromethane  
Concen: 17.73 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



Tgt Ion: 85 Resp: 20417  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.5 49.5





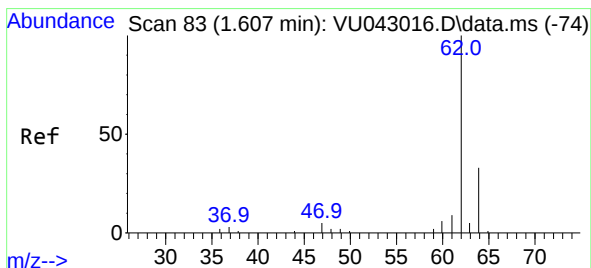
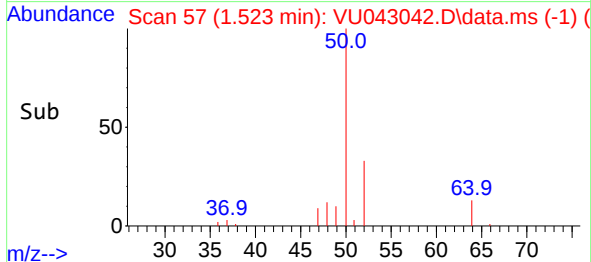
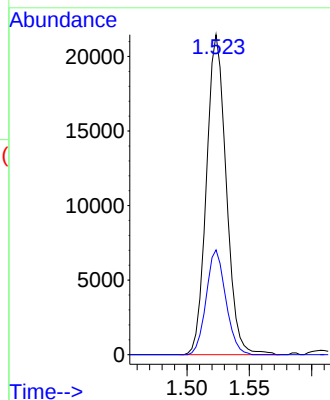
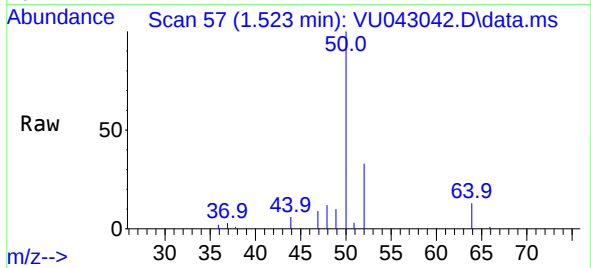
#3  
Chloromethane  
Concen: 18.56 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 50 Resp: 23707  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.6 40.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

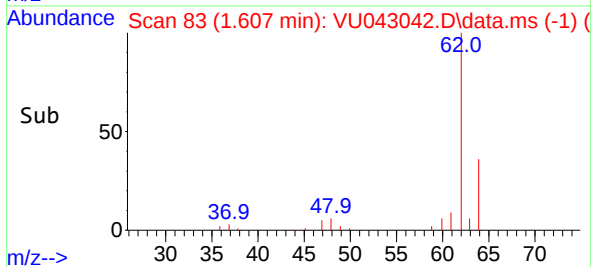
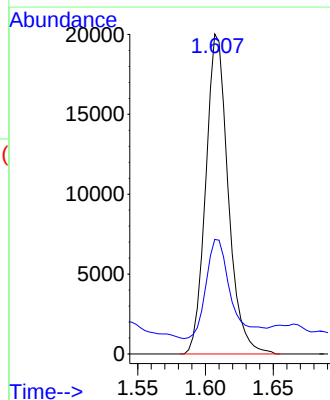
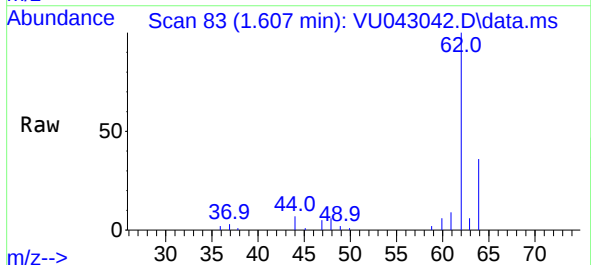
Manual Integrations  
APPROVED

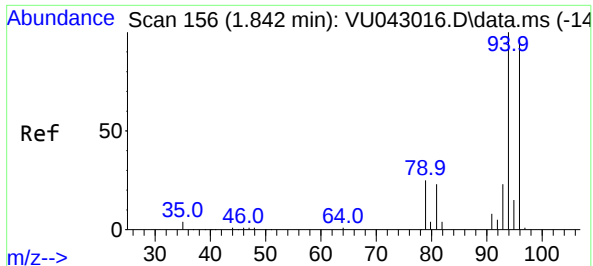
MMDadoda  
4/14/2021 6:28:02 PM



#4  
Vinyl Chloride  
Concen: 18.36 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 62 Resp: 23047  
Ion Ratio Lower Upper  
62 100  
64 30.7 25.2 37.8





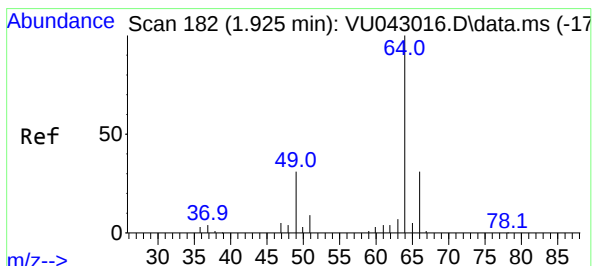
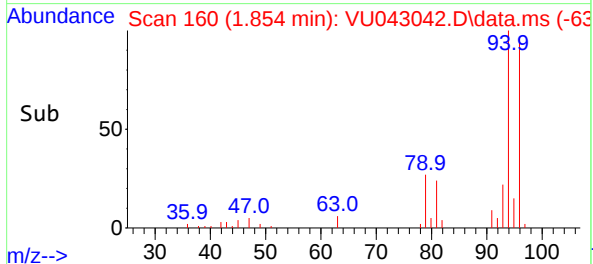
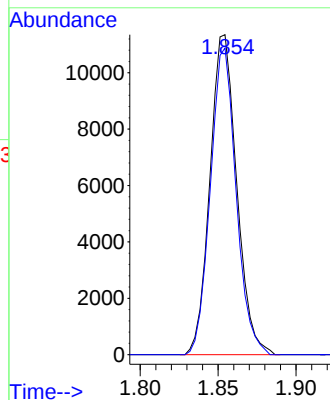
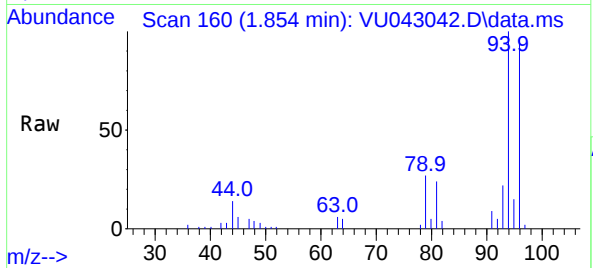
#5  
Bromomethane  
Concen: 19.85 ug/l  
RT: 1.854 min Scan# 160  
Delta R.T. 0.012 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 94 Resp: 13582  
Ion Ratio Lower Upper  
94 100  
96 95.8 76.6 115.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

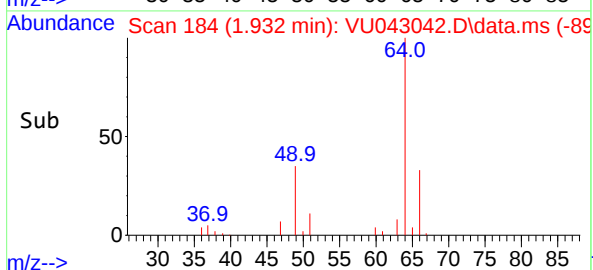
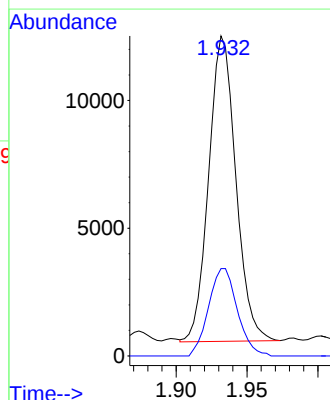
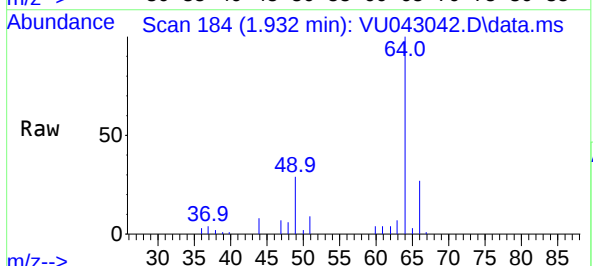
Manual Integrations  
APPROVED

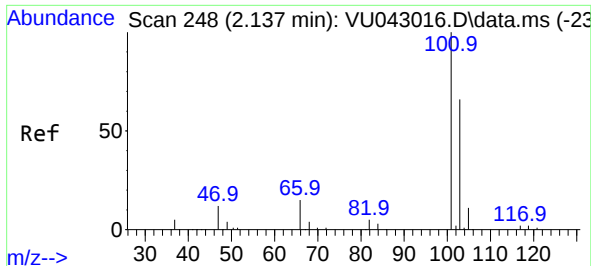
MMDadoda  
4/14/2021 6:28:02 PM



#6  
Chloroethane  
Concen: 18.38 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.007 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 64 Resp: 15940  
Ion Ratio Lower Upper  
64 100  
66 28.7 26.4 39.6





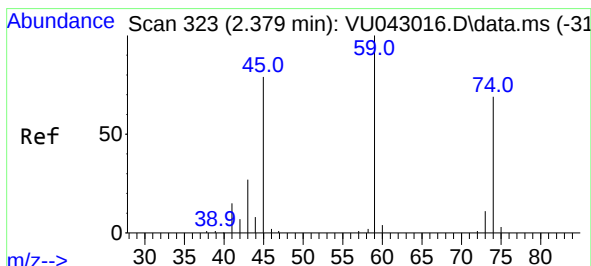
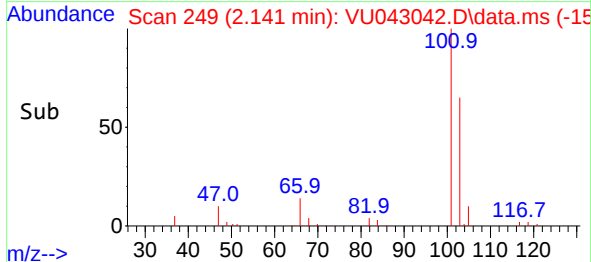
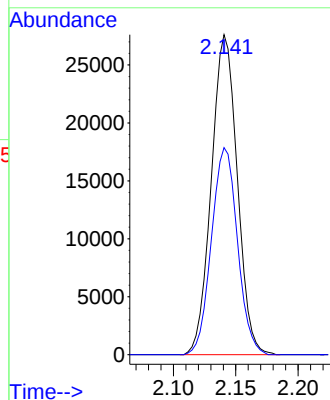
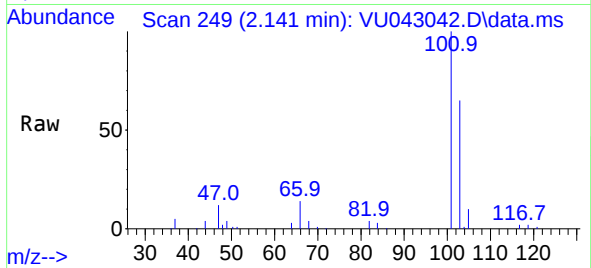
#7  
Trichlorofluoromethane  
Concen: 18.75 ug/l  
RT: 2.141 min Scan# 249  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion:101 Resp: 39999  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.3 76.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

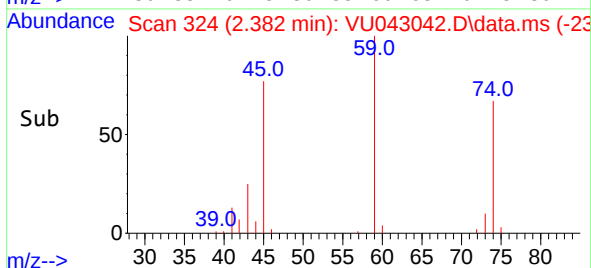
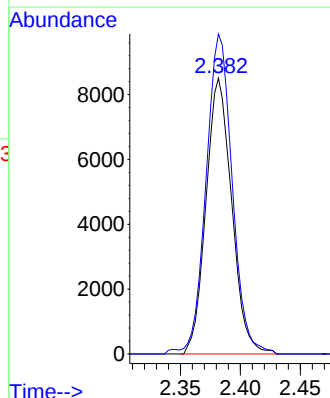
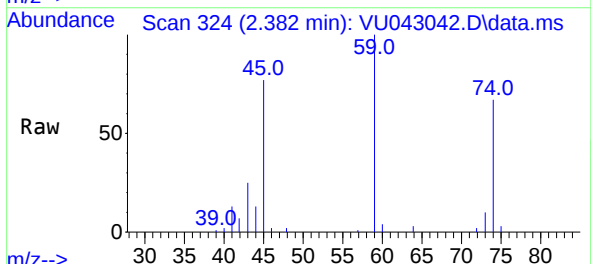
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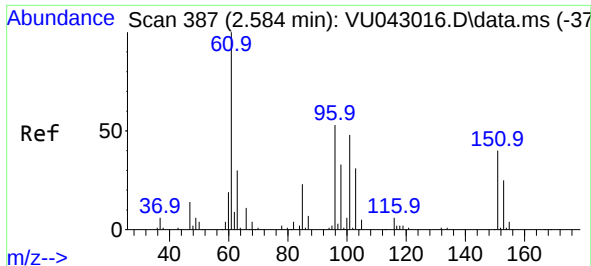
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#8  
Diethyl Ether  
Concen: 18.59 ug/l  
RT: 2.382 min Scan# 324  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 74 Resp: 12700  
Ion Ratio Lower Upper  
74 100  
45 118.2 56.9 170.6





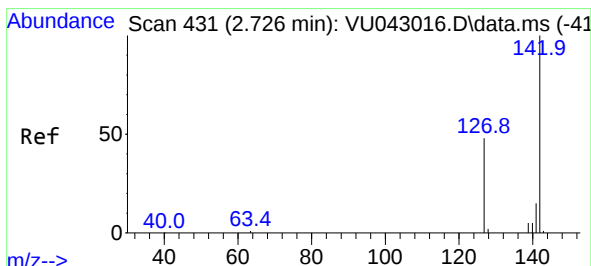
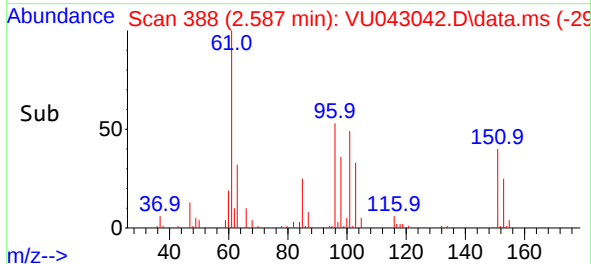
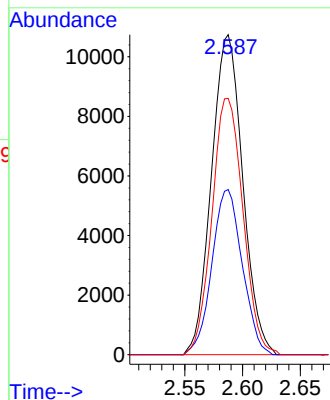
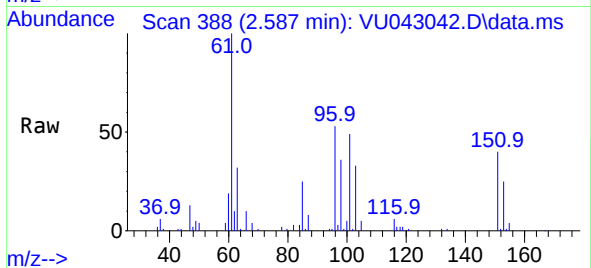
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.45 ug/l  
RT: 2.587 min Scan# 388  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 20254 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 50.1  | 37.4  | 56.0  |
| 151       | 79.4  | 65.8  | 98.8  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

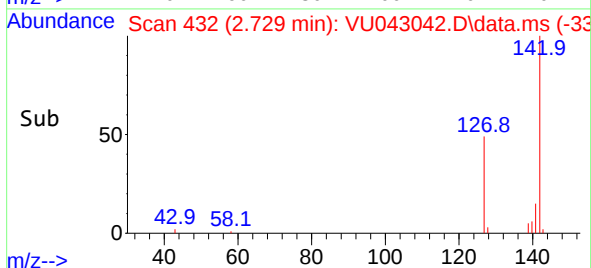
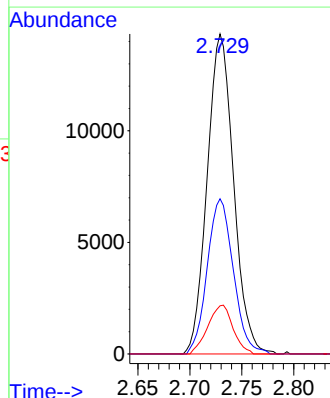
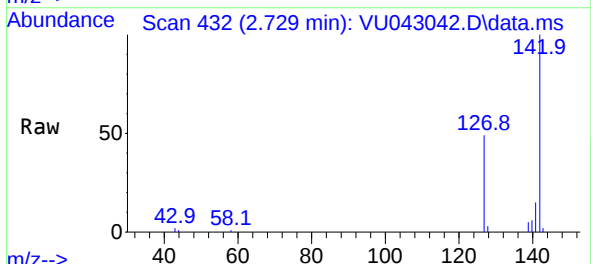
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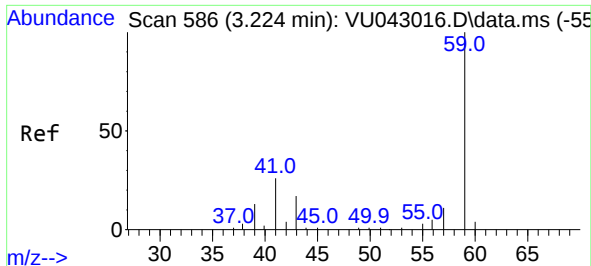
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#10  
Methyl Iodide  
Concen: 17.54 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 25373 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.8  | 37.8  | 56.6  |
| 141       | 14.5  | 11.8  | 17.6  |





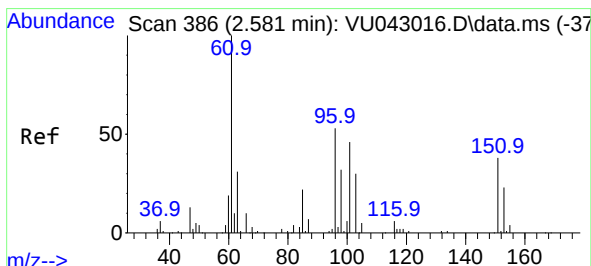
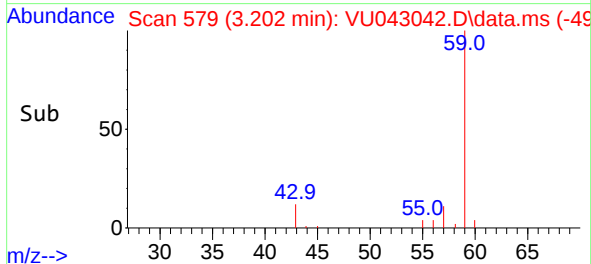
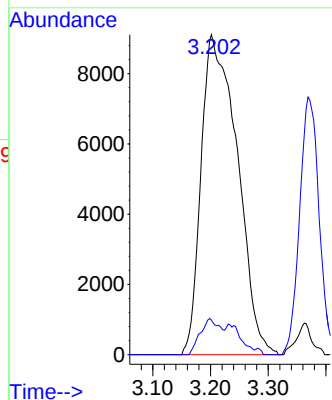
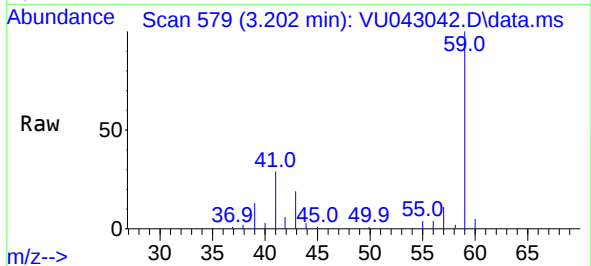
#11  
Tert butyl alcohol  
Concen: 81.69 ug/l  
RT: 3.202 min Scan# 579  
Delta R.T. -0.022 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 59 Resp: 39499  
Ion Ratio Lower Upper  
59 100  
57 6.4 1.6 2.4#

Instrument :  
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ClientSampleId :  
VU0413WBS01

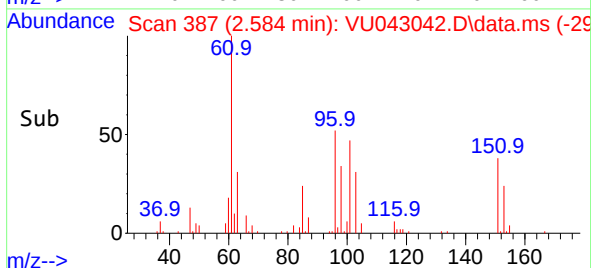
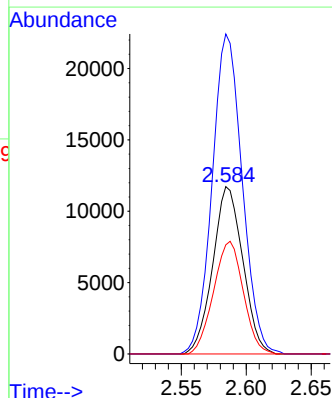
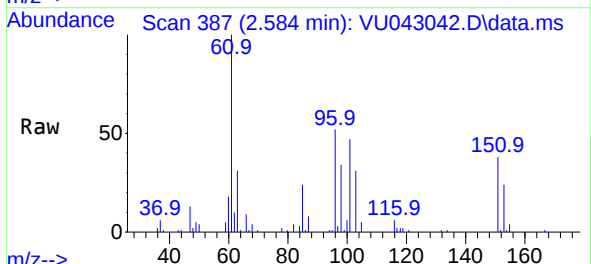
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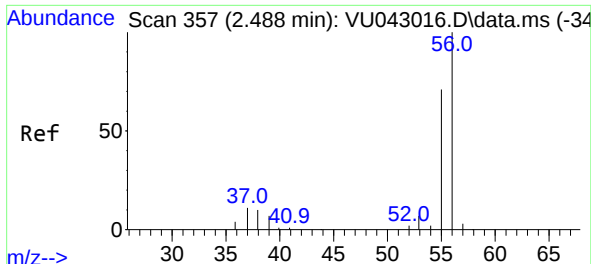
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#12  
1,1-Dichloroethene  
Concen: 18.04 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 96 Resp: 18850  
Ion Ratio Lower Upper  
96 100  
61 191.2 147.4 221.0  
98 65.2 51.4 77.2





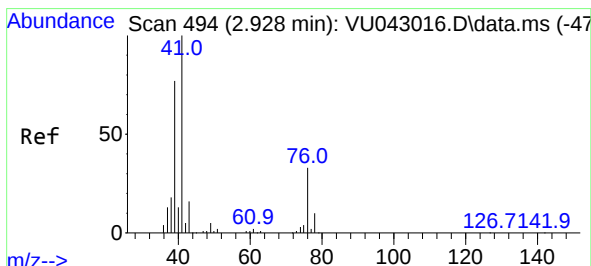
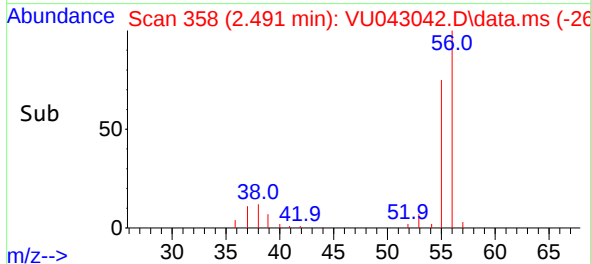
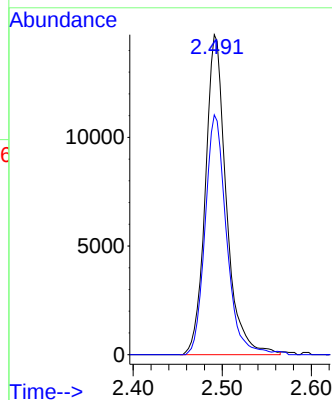
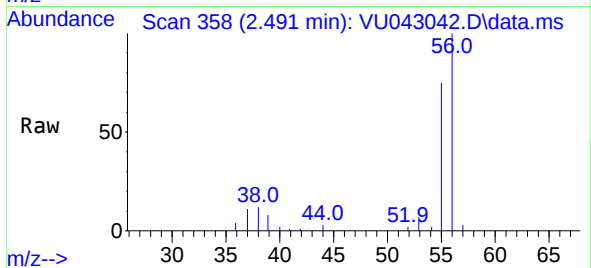
#13  
Acrolein  
Concen: 86.88 ug/l  
RT: 2.491 min Scan# 358  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 56 Resp: 24048  
Ion Ratio Lower Upper  
56 100  
55 76.2 57.3 85.9

Instrument :  
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ClientSampleId :  
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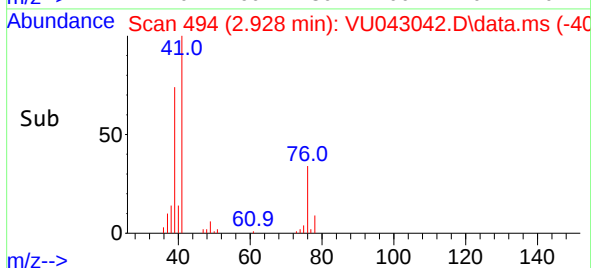
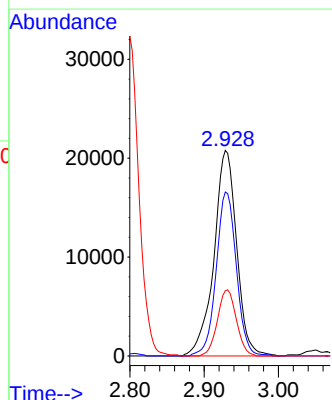
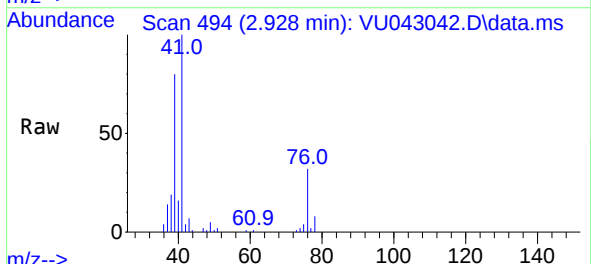
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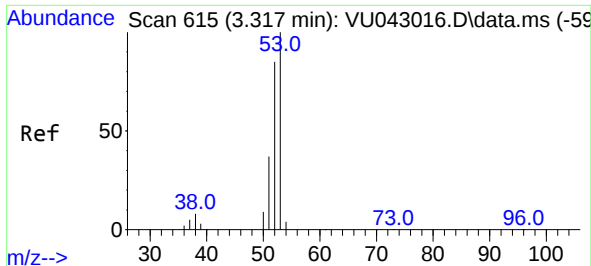
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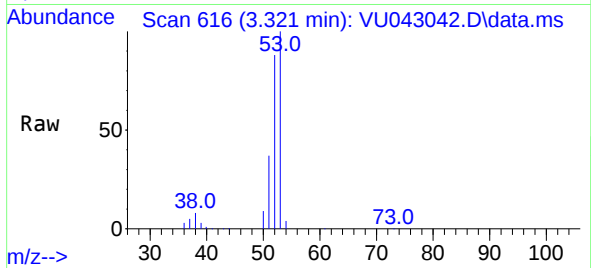
#14  
Allyl chloride  
Concen: 17.46 ug/l  
RT: 2.928 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 41 Resp: 44254  
Ion Ratio Lower Upper  
41 100  
39 70.7 54.9 82.3  
76 26.8 22.5 33.7

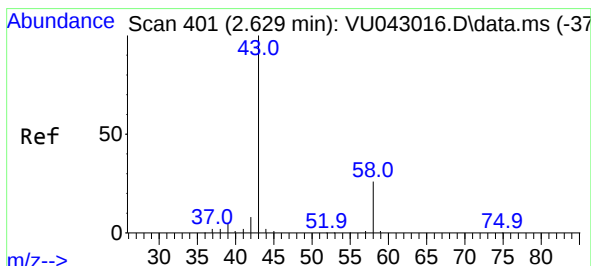
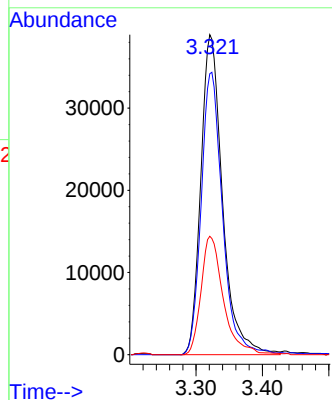
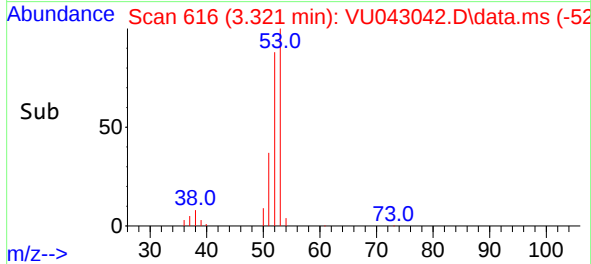




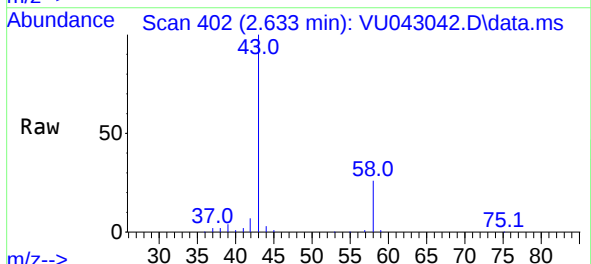
#15  
Acrylonitrile  
Concen: 85.06 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



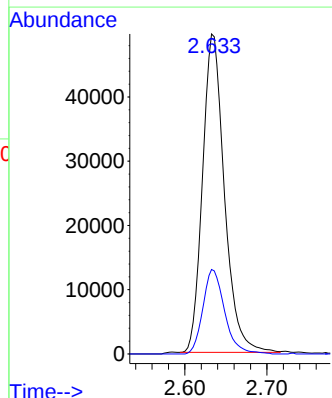
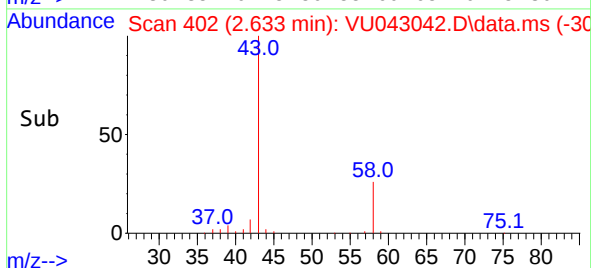
Tgt Ion: 53 Resp: 88465  
Ion Ratio Lower Upper  
53 100  
52 85.9 68.2 102.2  
51 38.2 29.2 43.8



#16  
Acetone  
Concen: 83.09 ug/l  
RT: 2.633 min Scan# 402  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



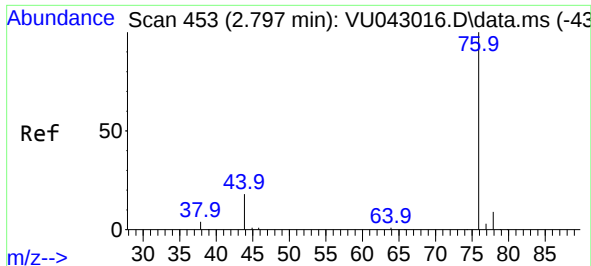
Tgt Ion: 43 Resp: 91963  
Ion Ratio Lower Upper  
43 100  
58 26.6 21.5 32.3



Instrument :  
MSVOA\_U  
ClientSampleId :  
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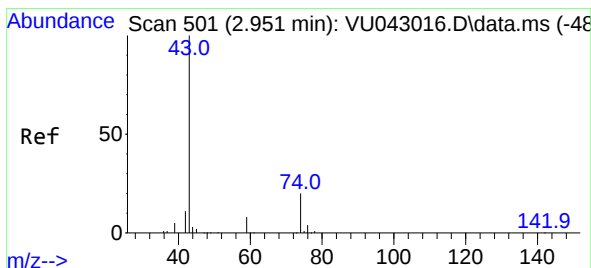
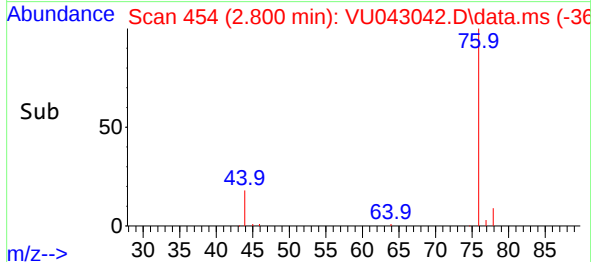
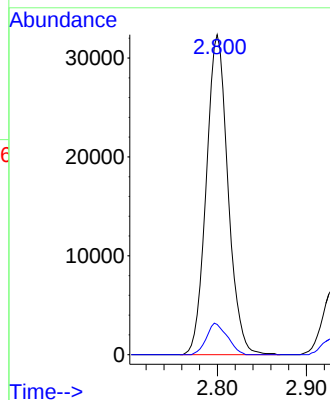
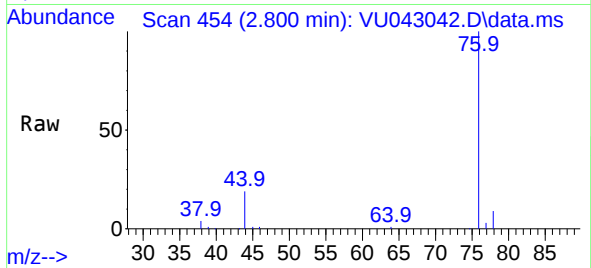
#17  
Carbon Disulfide  
Concen: 17.03 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 76 Resp: 54737  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.5 11.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

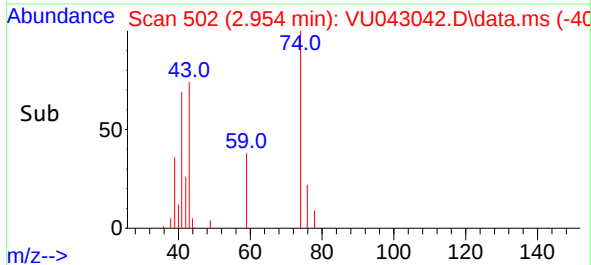
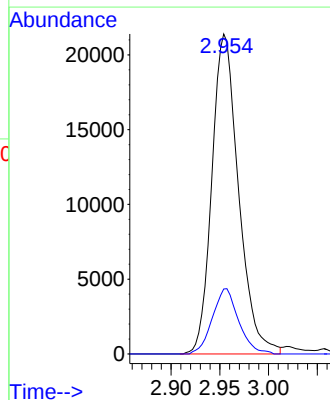
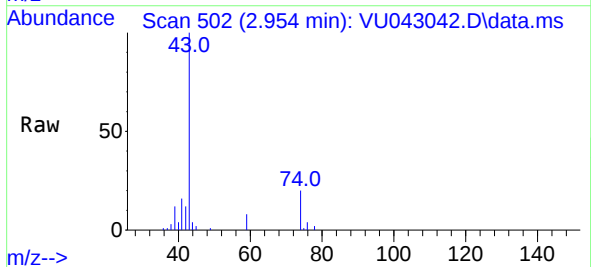
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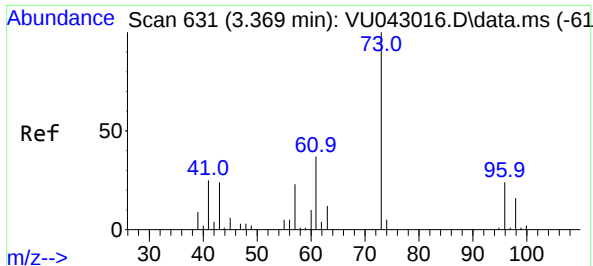
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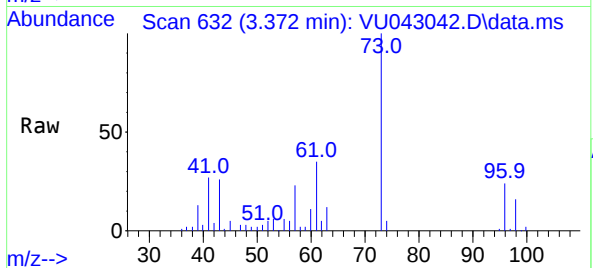
#18  
Methyl Acetate  
Concen: 17.40 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 40813  
Ion Ratio Lower Upper  
43 100  
74 20.1 16.6 25.0

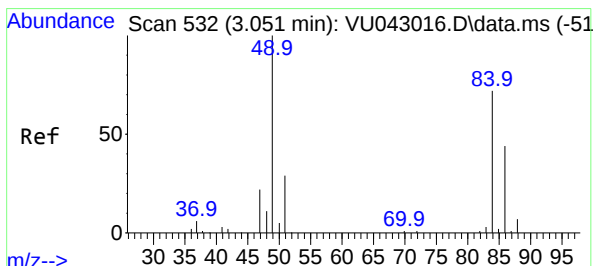
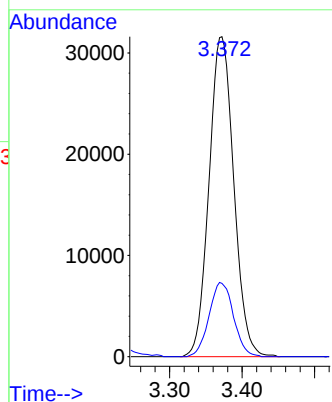
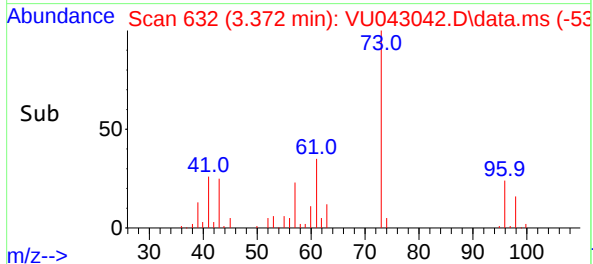




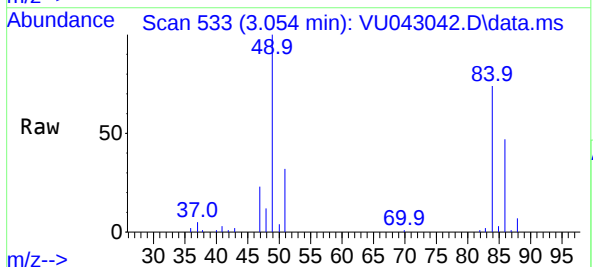
#19  
Methyl tert-butyl Ether  
Concen: 18.16 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



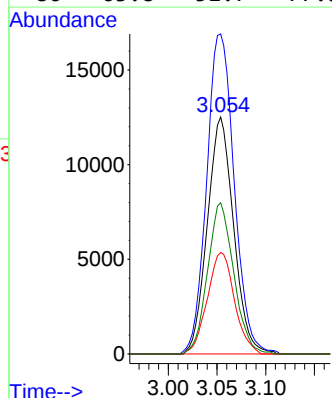
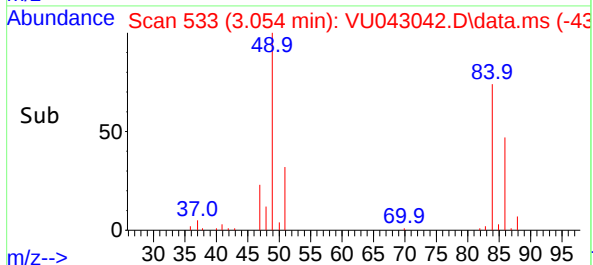
Tgt Ion: 73 Resp: 74959  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.8 28.2



#20  
Methylene Chloride  
Concen: 17.67 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



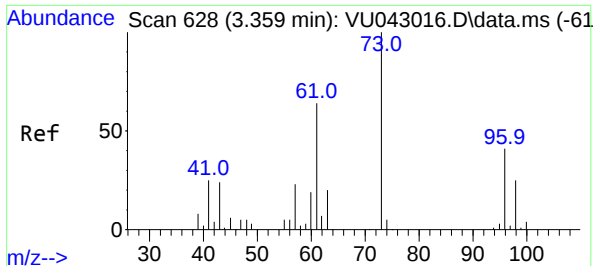
Tgt Ion: 84 Resp: 23547  
Ion Ratio Lower Upper  
84 100  
49 135.0 112.6 169.0  
51 42.8 33.7 50.5  
86 63.8 51.7 77.5



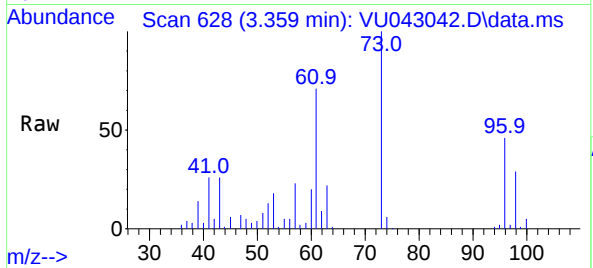
Instrument :  
MSVOA\_U  
ClientSampleId :  
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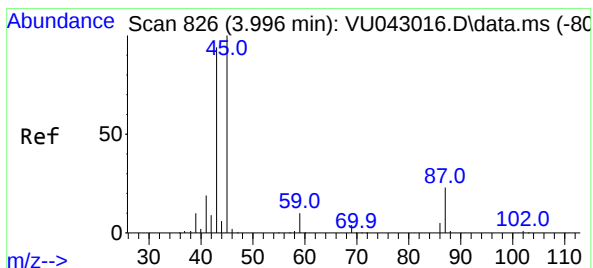
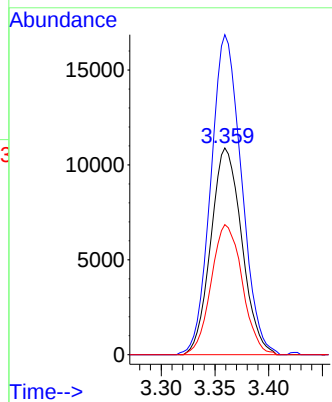
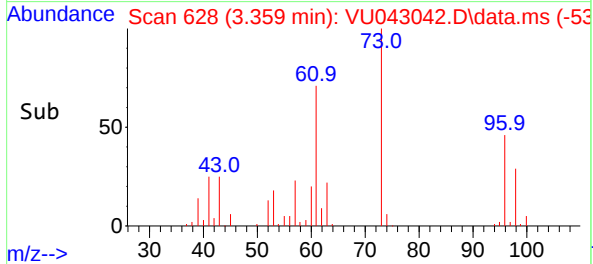
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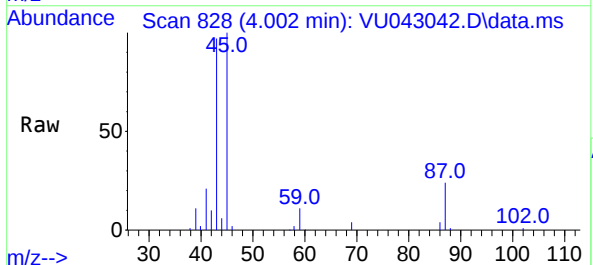
#21  
trans-1,2-Dichloroethene  
Concen: 17.91 ug/l  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



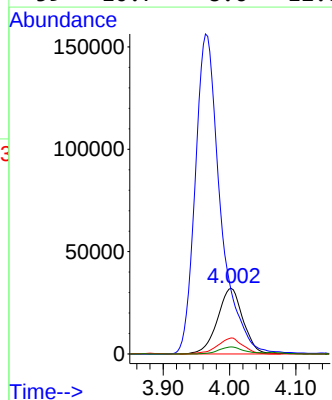
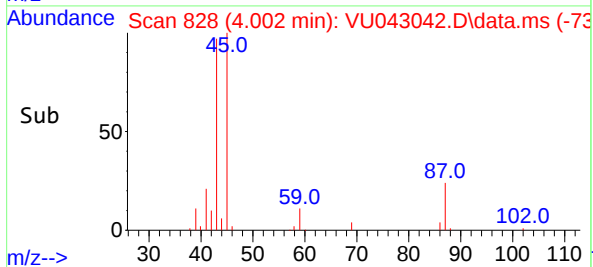
Tgt Ion: 96 Resp: 21856  
Ion Ratio Lower Upper  
96 100  
61 154.8 122.4 183.6  
98 62.9 51.9 77.9



#22  
Diisopropyl ether  
Concen: 17.68 ug/l  
RT: 4.002 min Scan# 828  
Delta R.T. 0.006 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



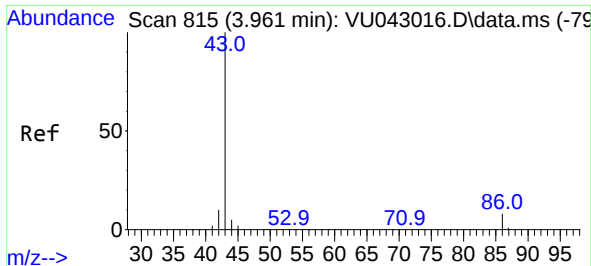
Tgt Ion: 45 Resp: 85759  
Ion Ratio Lower Upper  
45 100  
43 93.7 73.0 109.6  
87 24.4 19.5 29.3  
59 10.7 8.6 12.8



Instrument :  
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ClientSampleId :  
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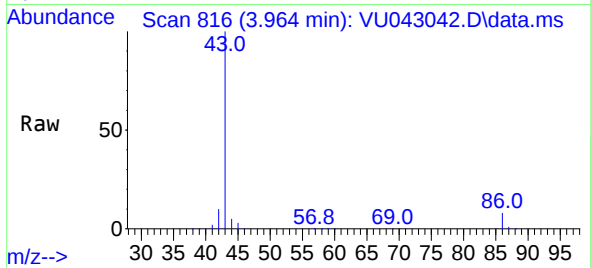


#23  
 Vinyl Acetate  
 Concen: 88.13 ug/l  
 RT: 3.964 min Scan# 816  
 Delta R.T. 0.003 min  
 Lab File: VU043042.D  
 Acq: 13 Apr 2021 11:33

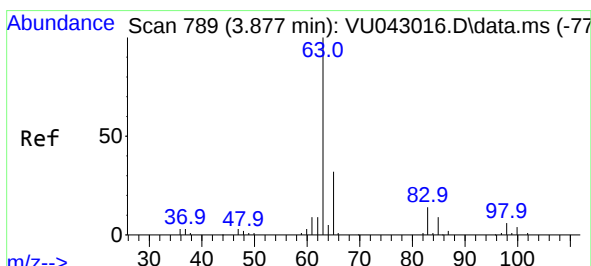
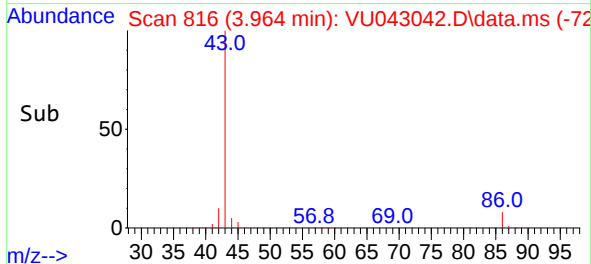
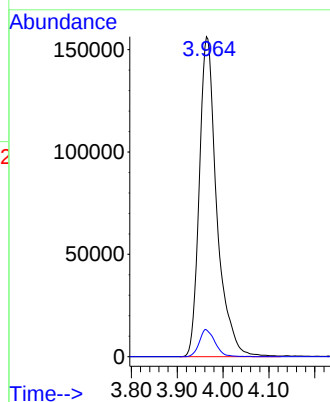
Instrument :  
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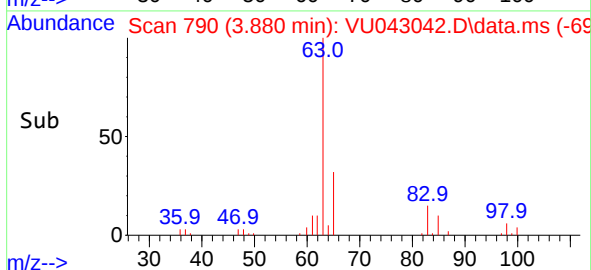
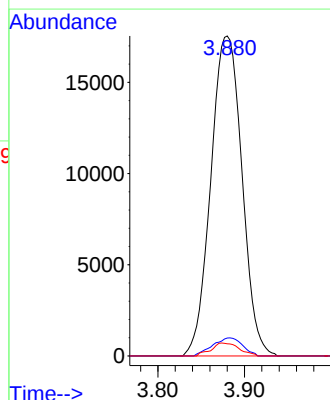
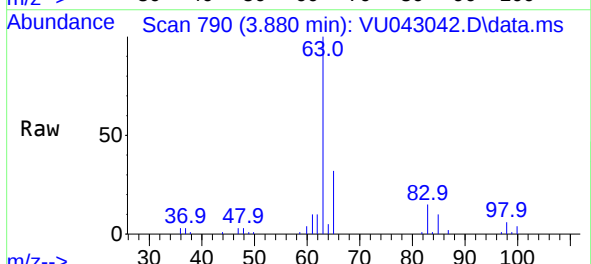


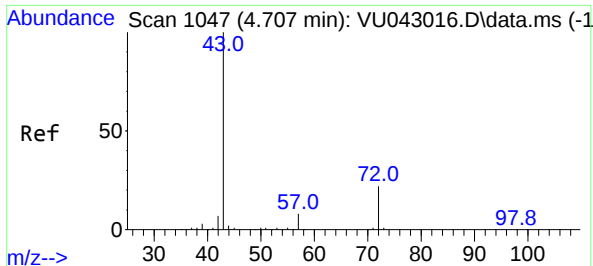
Tgt Ion: 43 Resp: 413606  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 6.7 10.1



#24  
 1,1-Dichloroethane  
 Concen: 17.89 ug/l  
 RT: 3.880 min Scan# 790  
 Delta R.T. 0.003 min  
 Lab File: VU043042.D  
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Tgt Ion: 63 Resp: 43863  
 Ion Ratio Lower Upper  
 63 100  
 98 5.6 3.1 9.3  
 100 3.8 2.1 6.2





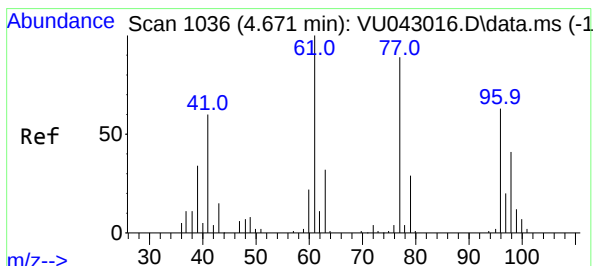
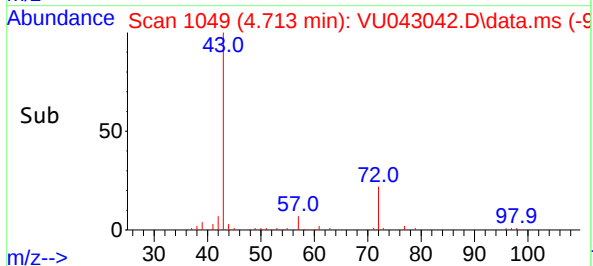
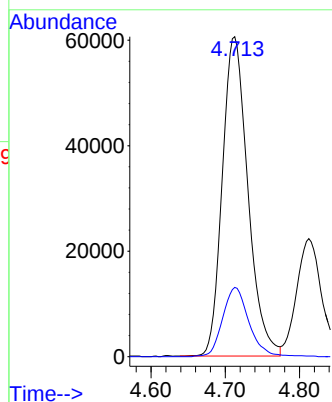
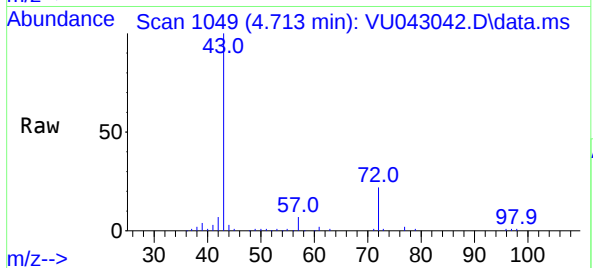
#25  
2-Butanone  
Concen: 85.13 ug/l  
RT: 4.713 min Scan# 1049  
Delta R.T. 0.006 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 145072  
Ion Ratio Lower Upper  
43 100  
72 21.7 17.4 26.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

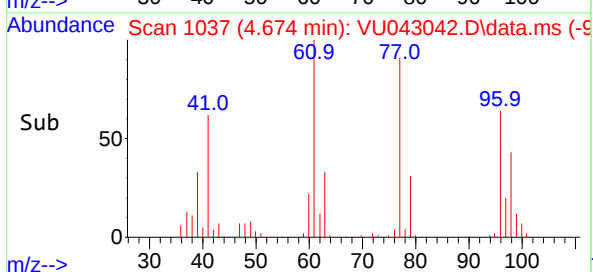
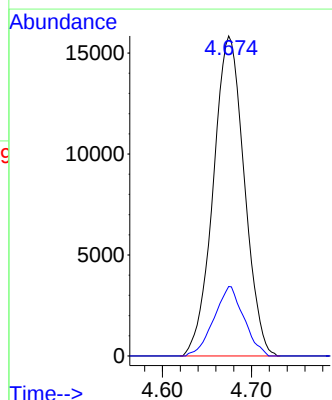
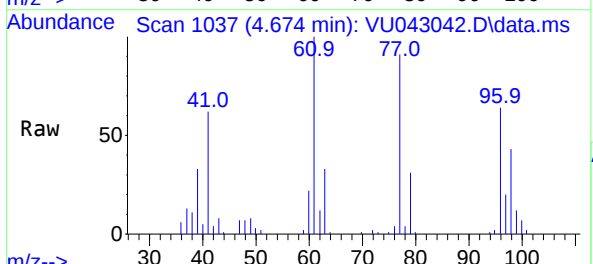
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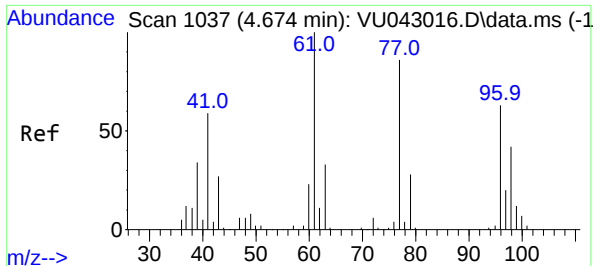
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#26  
2,2-Dichloropropane  
Concen: 17.84 ug/l  
RT: 4.674 min Scan# 1037  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 77 Resp: 38369  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.6 31.8





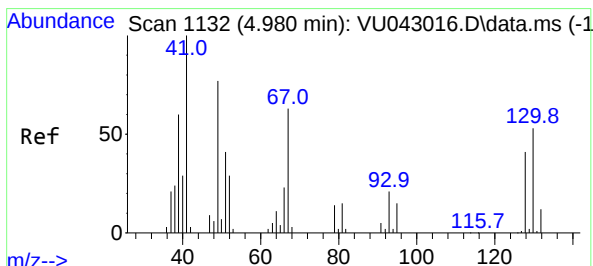
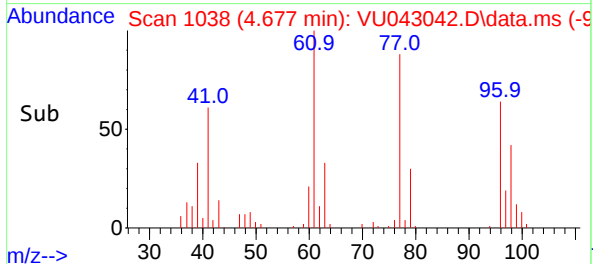
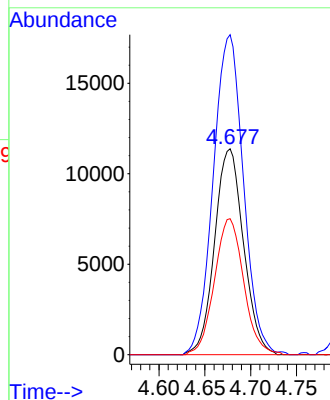
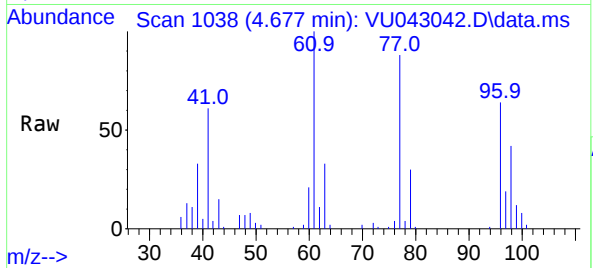
#27  
cis-1,2-Dichloroethene  
Concen: 18.01 ug/l  
RT: 4.677 min Scan# 1038  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 25002 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 162.1 | 0.0   | 322.2 |
| 98       | 66.8  | 0.0   | 128.6 |

Instrument :  
MSVOA\_U  
ClientSampleId :  
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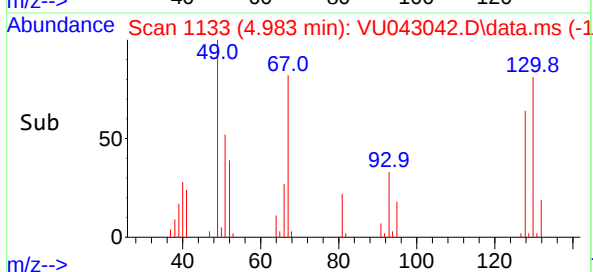
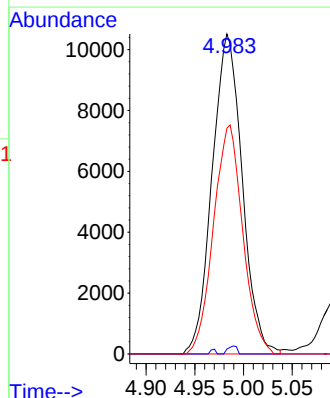
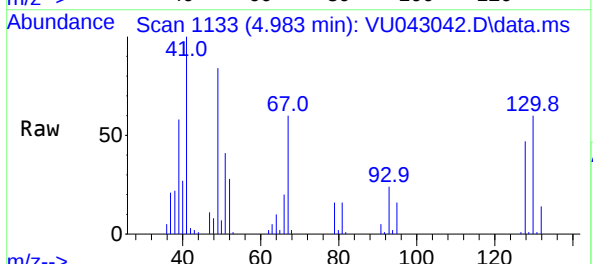
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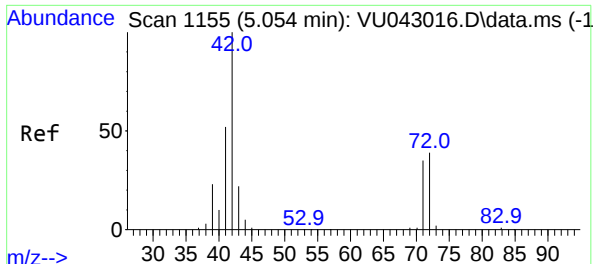
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#28  
Bromochloromethane  
Concen: 18.03 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 22549 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.8   | 0.0   | 3.4   |
| 130      | 69.6  | 57.1  | 85.7  |





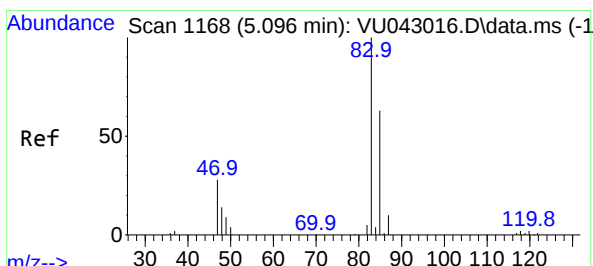
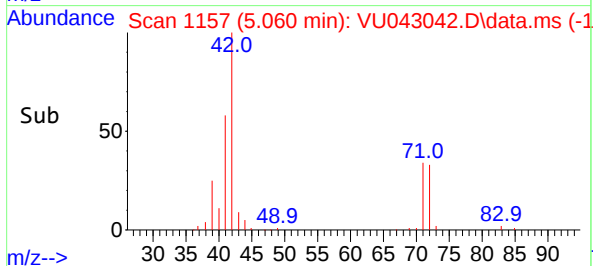
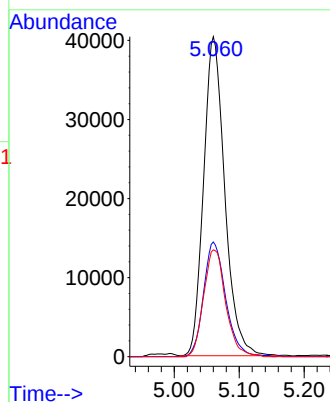
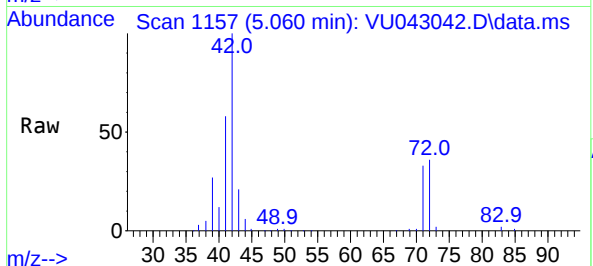
#29  
Tetrahydrofuran  
Concen: 85.42 ug/l  
RT: 5.060 min Scan# 1157  
Delta R.T. 0.006 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 91664 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 37.6  | 31.5  | 47.3  |
| 71       | 34.9  | 29.5  | 44.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

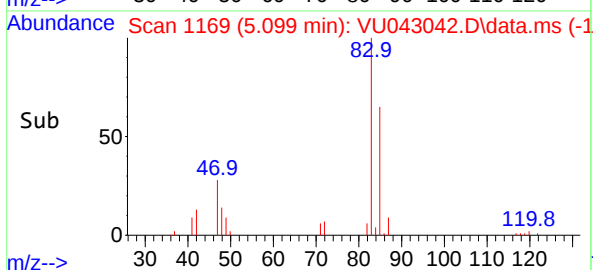
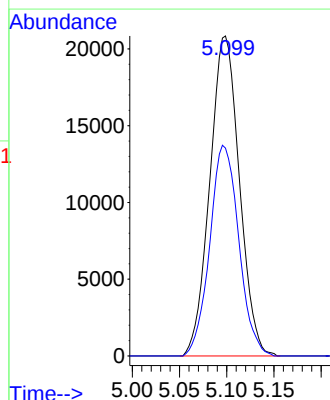
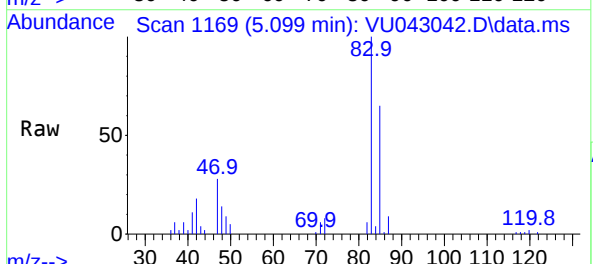
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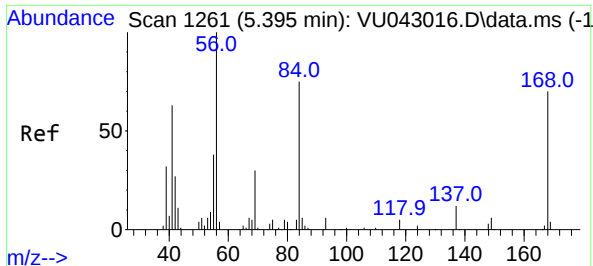
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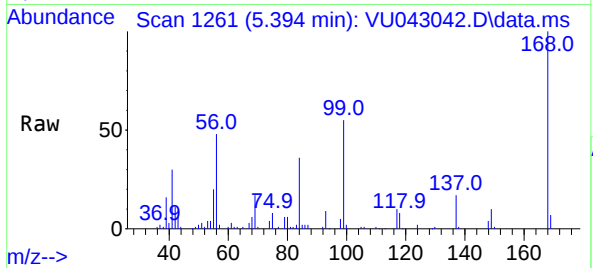
#30  
Chloroform  
Concen: 17.49 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 45423 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.9  | 54.6  | 81.8  |

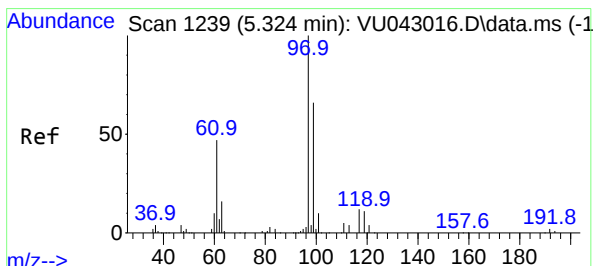
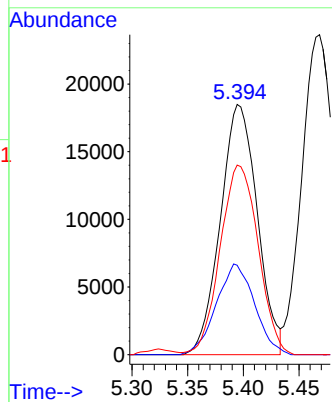
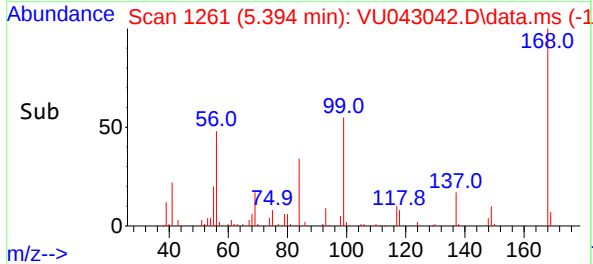




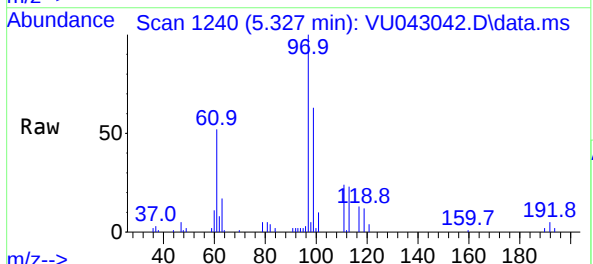
#31  
Cyclohexane  
Concen: 18.44 ug/l  
RT: 5.394 min Scan# 1261  
Delta R.T. -0.001 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



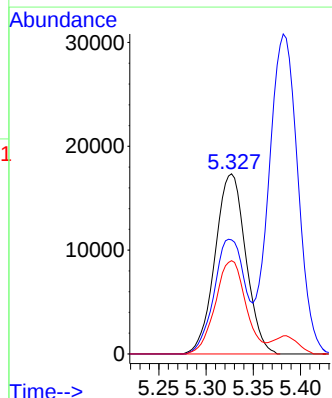
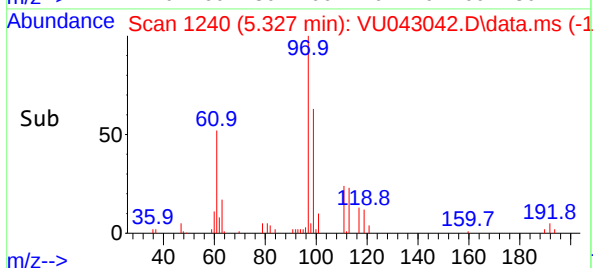
Tgt Ion: 56 Resp: 42667  
Ion Ratio Lower Upper  
56 100  
69 35.7 24.9 37.3  
84 74.9 63.7 95.5



#32  
1,1,1-Trichloroethane  
Concen: 17.07 ug/l  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



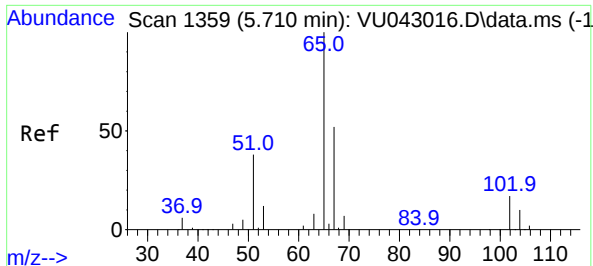
Tgt Ion: 97 Resp: 39182  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.4 77.0  
61 51.5 37.4 56.2



Instrument :  
MSVOA\_U  
ClientSampled :  
VU0413WBS01

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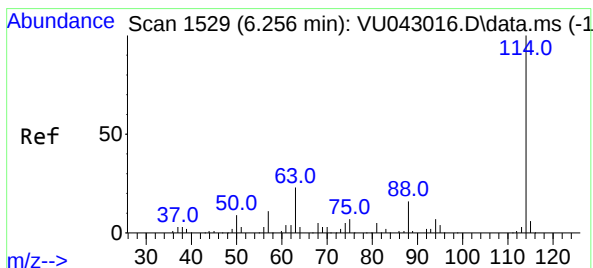
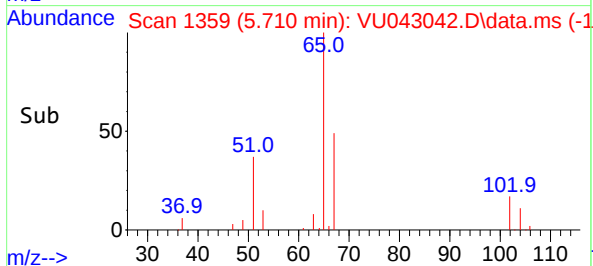
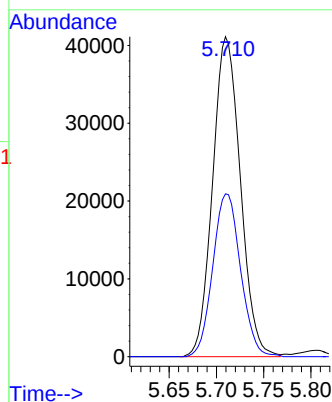
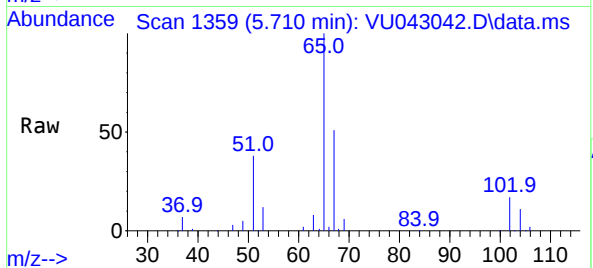
#33  
1,2-Dichloroethane-d4  
Concen: 44.72 ug/l  
RT: 5.710 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 65 Resp: 83903  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 99.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
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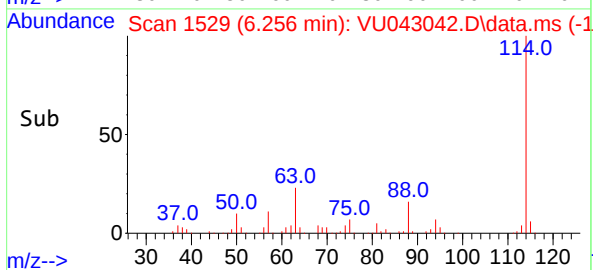
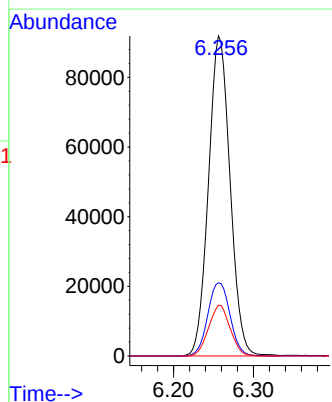
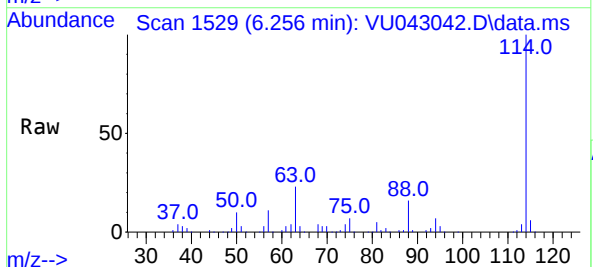
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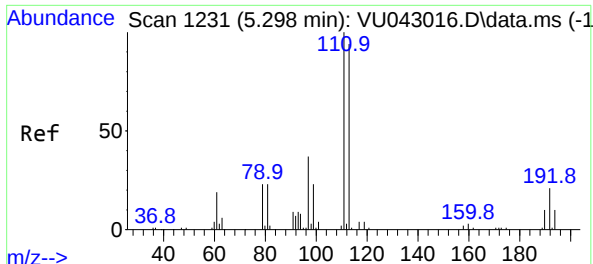
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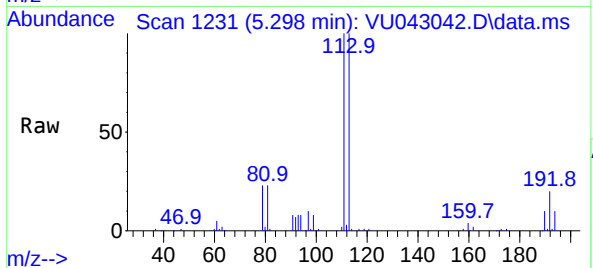
#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 114 Resp: 172438  
Ion Ratio Lower Upper  
114 100  
63 22.9 0.0 44.2  
88 15.8 0.0 33.4

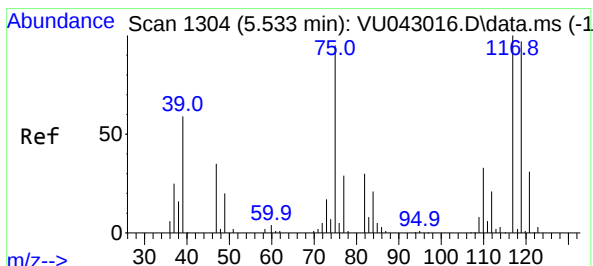
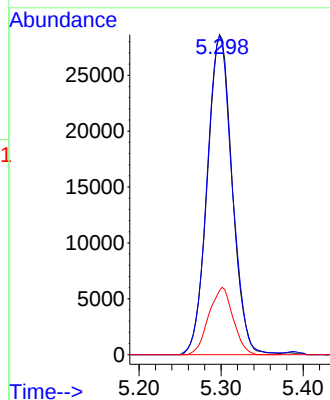
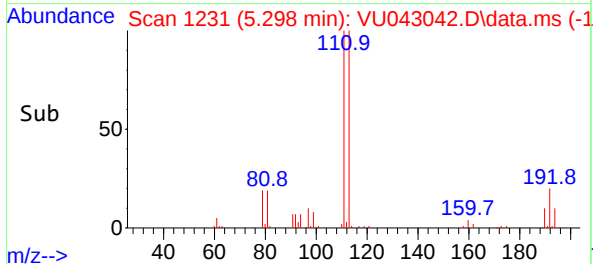




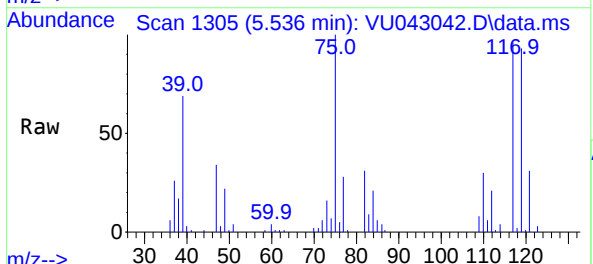
#35  
Dibromofluoromethane  
Concen: 46.46 ug/l  
RT: 5.298 min Scan# 1231  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



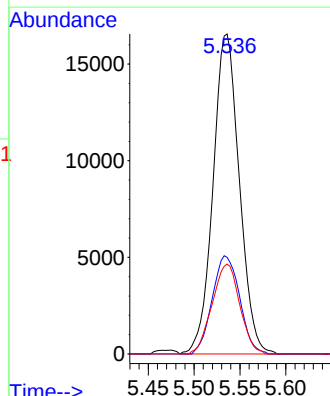
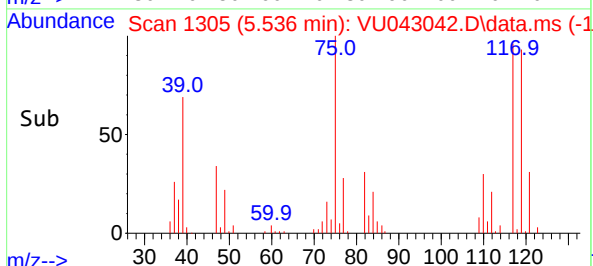
Tgt Ion: 113 Resp: 60202  
Ion Ratio Lower Upper  
113 100  
111 100.4 81.8 122.8  
192 20.5 17.2 25.8



#36  
1,1-Dichloropropene  
Concen: 18.05 ug/l  
RT: 5.536 min Scan# 1305  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



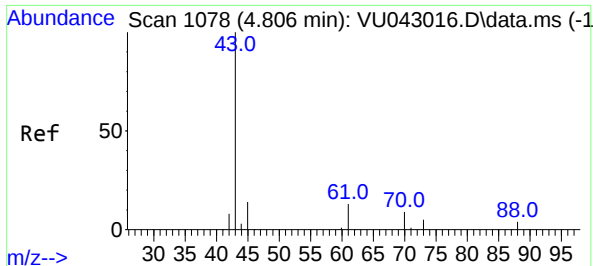
Tgt Ion: 75 Resp: 33021  
Ion Ratio Lower Upper  
75 100  
110 32.0 16.8 50.3  
77 29.4 24.8 37.2



Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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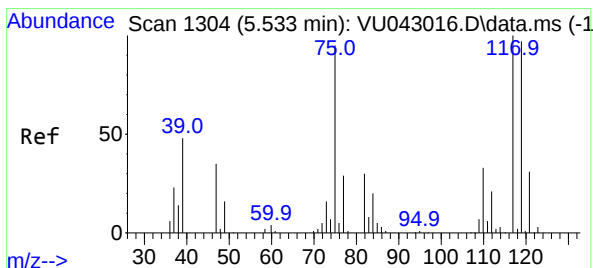
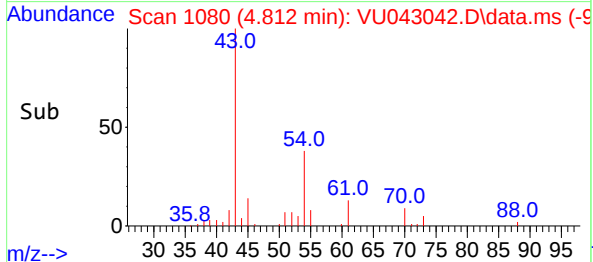
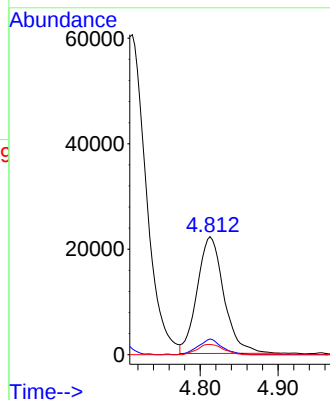
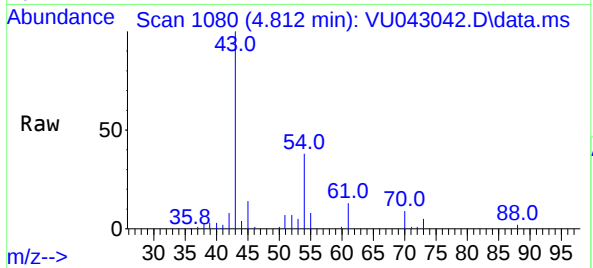
#37  
Ethyl Acetate  
Concen: 16.82 ug/l  
RT: 4.812 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 52632  
Ion Ratio Lower Upper  
43 100  
61 12.1 10.1 15.1  
70 8.5 7.2 10.8

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

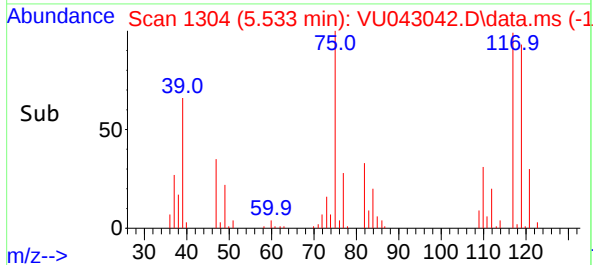
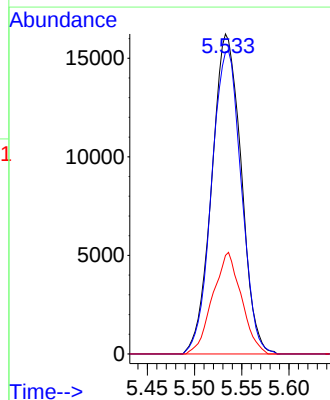
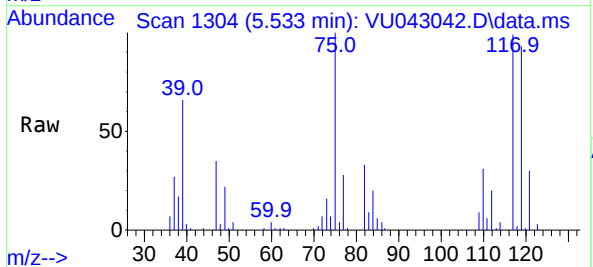
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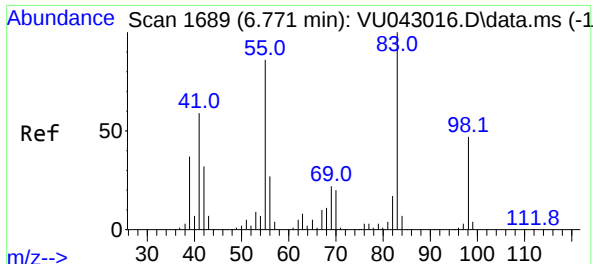
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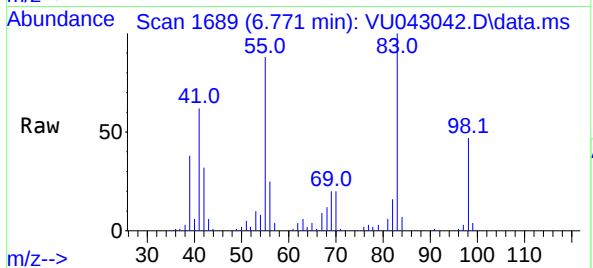
#38  
Carbon Tetrachloride  
Concen: 17.85 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 117 Resp: 35019  
Ion Ratio Lower Upper  
117 100  
119 94.4 75.5 113.3  
121 30.8 24.7 37.1

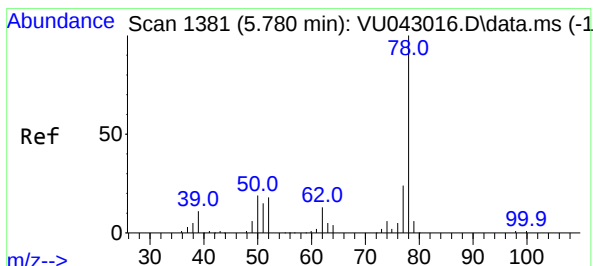
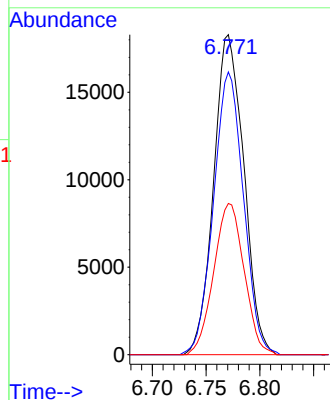
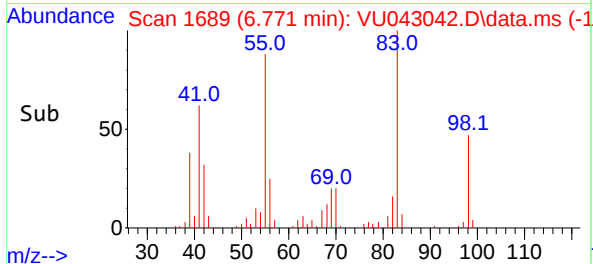




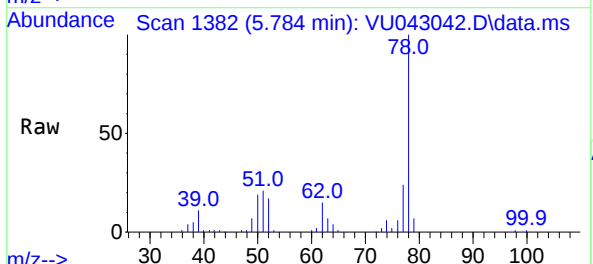
#39  
Methylcyclohexane  
Concen: 17.77 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



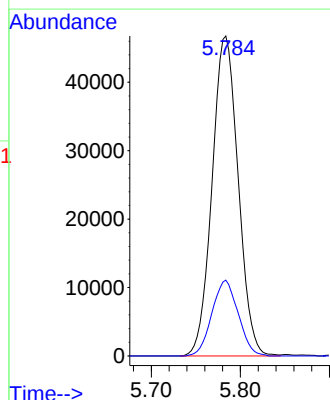
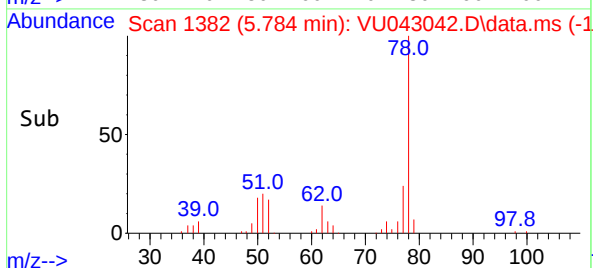
Tgt Ion: 83 Resp: 35733  
Ion Ratio Lower Upper  
83 100  
55 88.4 66.8 100.2  
98 47.3 36.9 55.3



#40  
Benzene  
Concen: 18.18 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



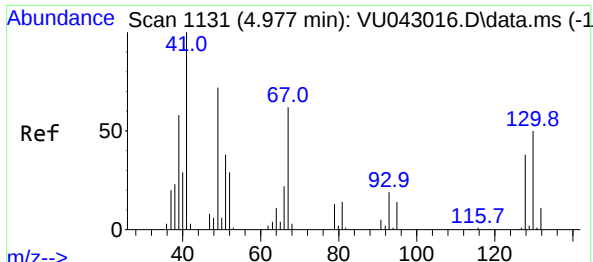
Tgt Ion: 78 Resp: 95050  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9



Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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#41  
Methacrylonitrile  
Concen: 16.79 ug/l  
RT: 4.983 min Scan# 1133  
Delta R.T. 0.006 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

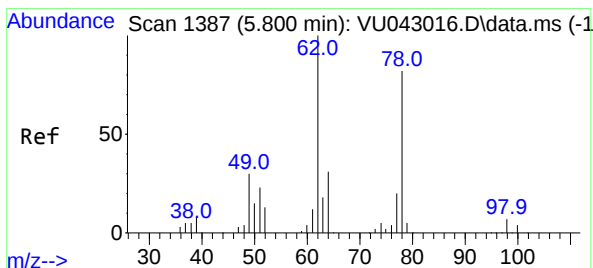
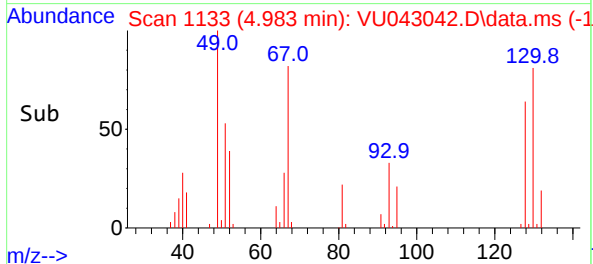
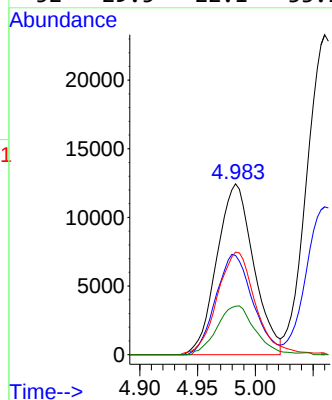
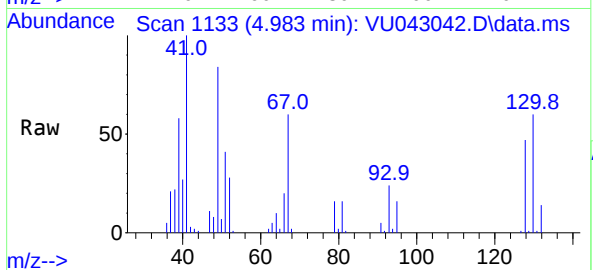
Tgt Ion: 41 Resp: 27618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 59.1  | 45.1  | 67.7  |
| 67  | 62.4  | 50.2  | 75.2  |
| 52  | 29.5  | 22.1  | 33.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

Manual Integrations  
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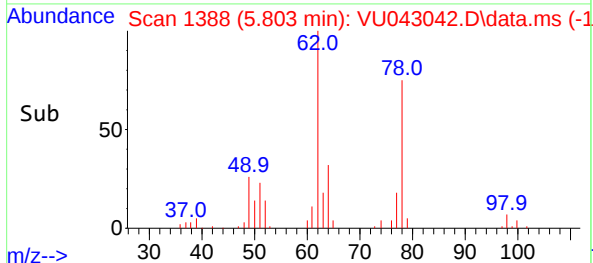
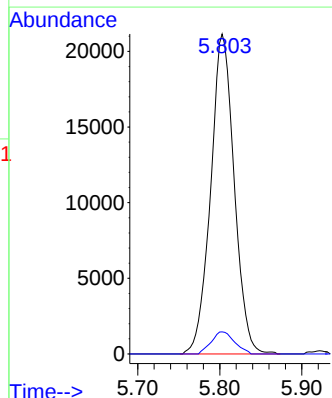
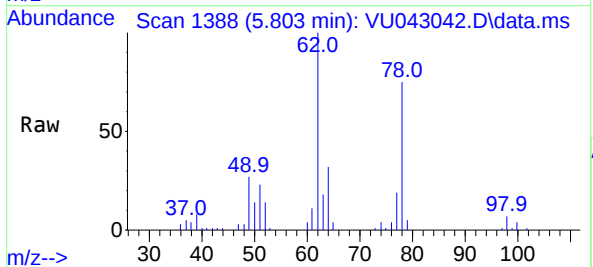
MMDadoda  
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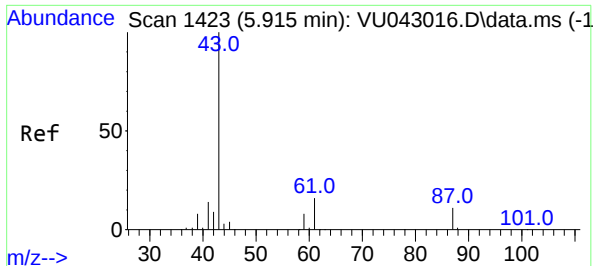


#42  
1,2-Dichloroethane  
Concen: 18.24 ug/l  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 62 Resp: 42293

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 6.8   | 0.0   | 14.8  |





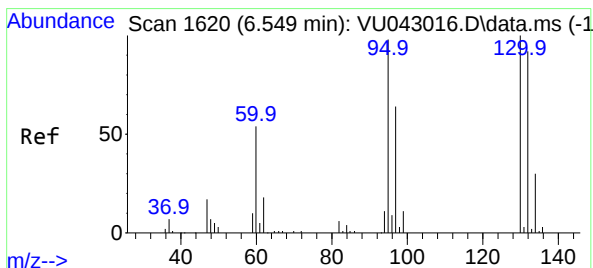
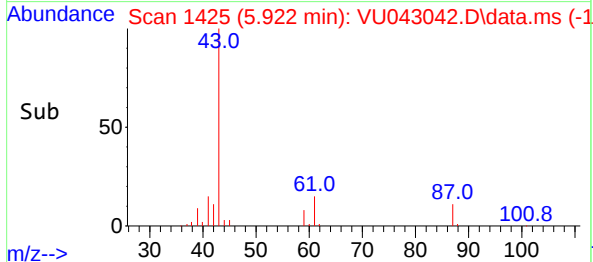
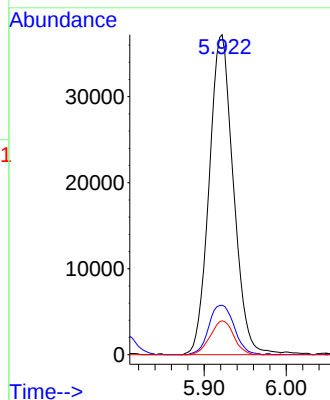
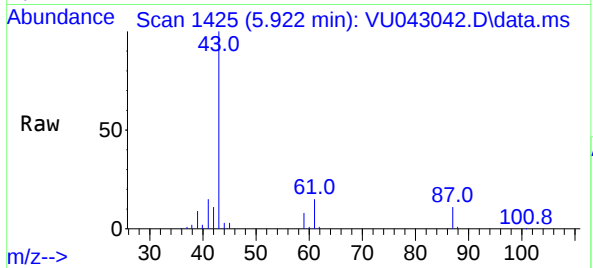
#43  
Isopropyl Acetate  
Concen: 17.10 ug/l  
RT: 5.922 min Scan# 1425  
Delta R.T. 0.007 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 76285  
Ion Ratio Lower Upper  
43 100  
61 16.2 14.4 21.6  
87 10.2 8.8 13.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

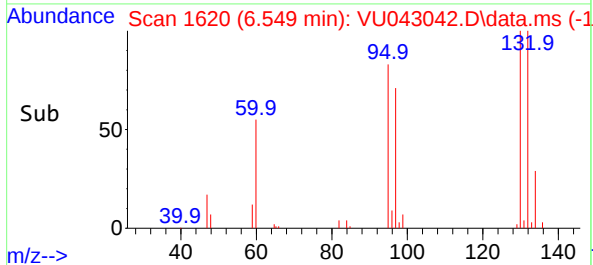
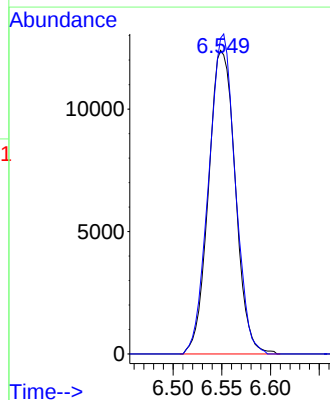
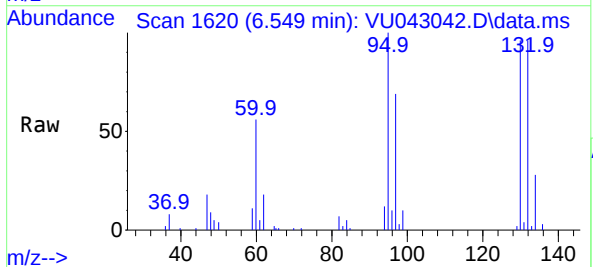
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#44  
Trichloroethene  
Concen: 17.90 ug/l  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion:130 Resp: 23733  
Ion Ratio Lower Upper  
130 100  
95 104.1 0.0 197.8





#45

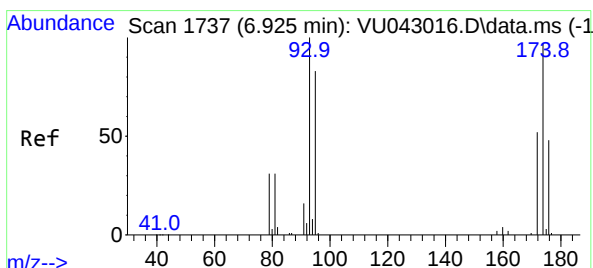
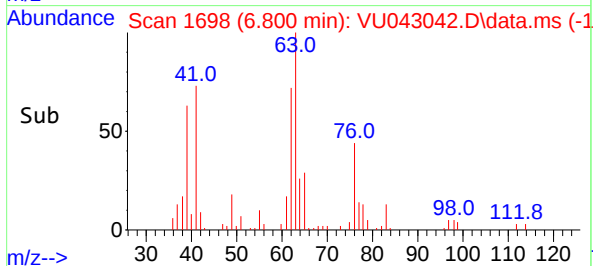
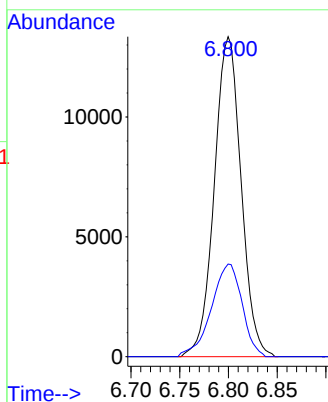
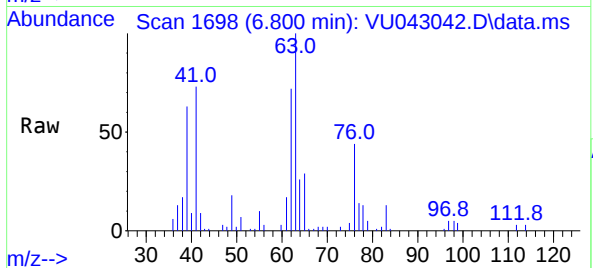
1,2-Dichloropropane  
Concen: 17.55 ug/l  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 63 Resp: 25559  
Ion Ratio Lower Upper  
63 100  
65 29.0 25.4 38.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

Manual Integrations  
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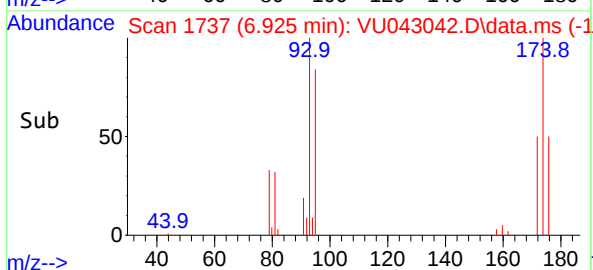
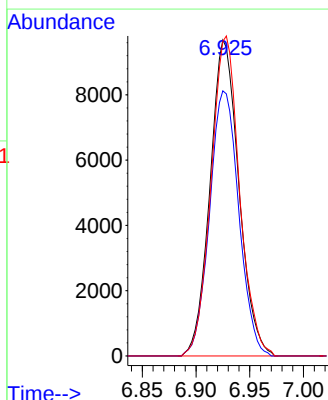
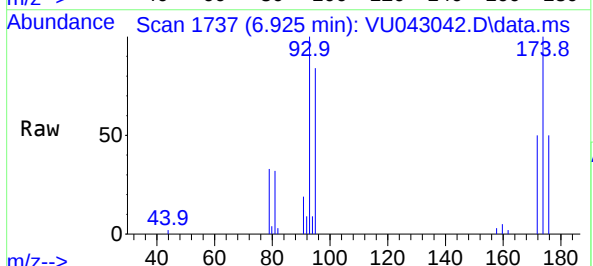
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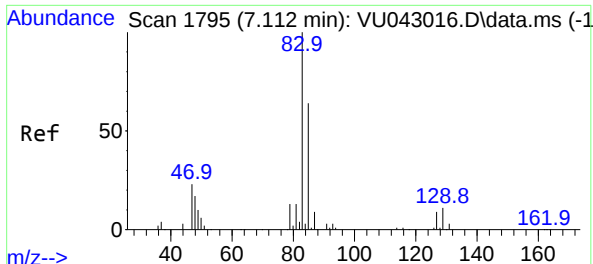


#46

Dibromomethane  
Concen: 17.51 ug/l  
RT: 6.925 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 93 Resp: 18038  
Ion Ratio Lower Upper  
93 100  
95 84.9 63.6 95.4  
174 100.0 83.4 125.2





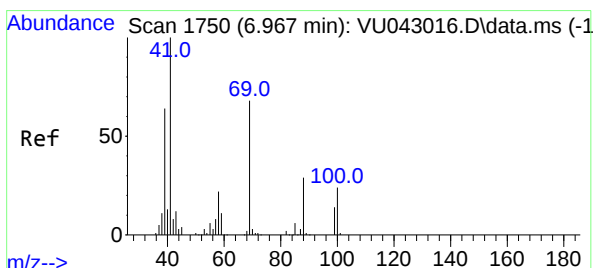
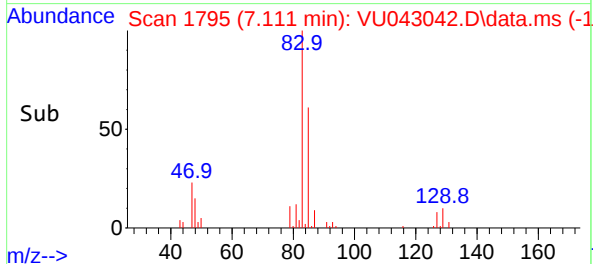
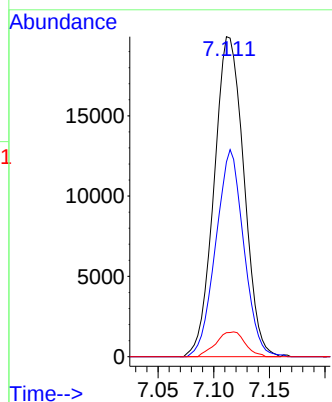
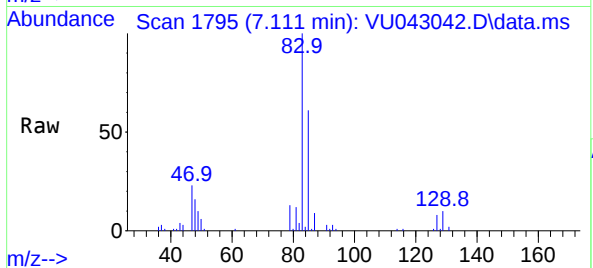
#47  
Bromodichloromethane  
Concen: 18.22 ug/l  
RT: 7.111 min Scan# 1795  
Delta R.T. -0.001 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 37040 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.9  | 51.3  | 76.9  |
| 127      | 7.5   | 6.9   | 10.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
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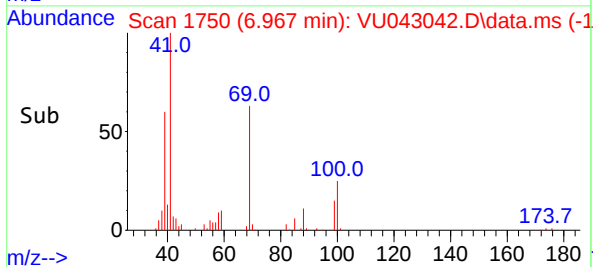
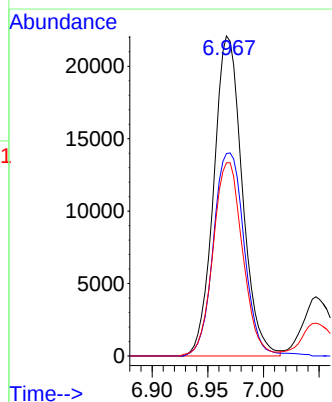
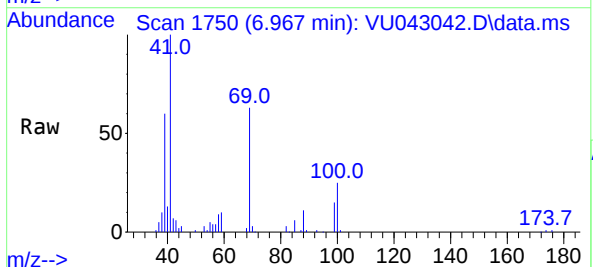
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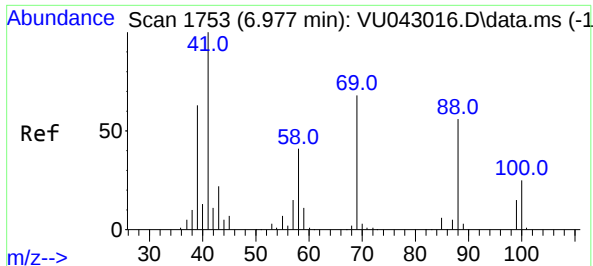
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#48  
Methyl methacrylate  
Concen: 17.58 ug/l  
RT: 6.967 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 39372 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 68.6  | 57.0  | 85.6  |
| 39       | 62.6  | 48.4  | 72.6  |





#49

1,4-Dioxane

Concen: 347.10 ug/l

RT: 6.986 min Scan# 1756

Delta R.T. 0.009 min

Lab File: VU043042.D

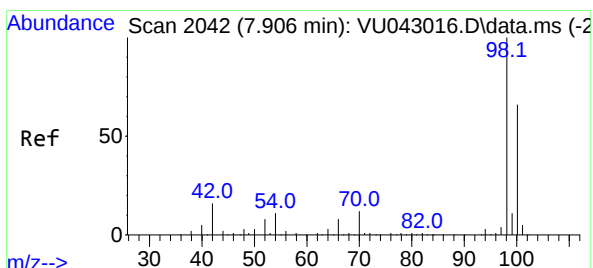
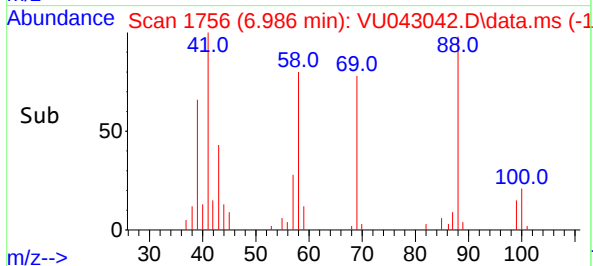
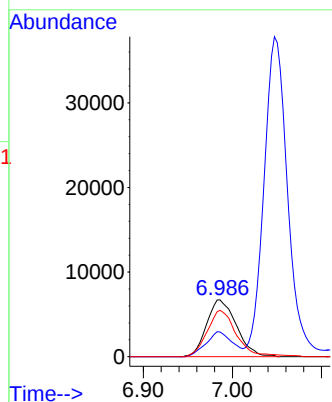
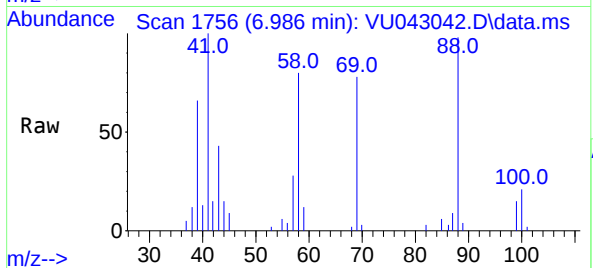
Acq: 13 Apr 2021 11:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 15575 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 39.1  | 0.0   | 0.0#  |
| 58       | 80.6  | 60.4  | 90.6  |

Instrument :  
MSVOA\_U  
ClientSampled :  
VU0413WBS01

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#50

Toluene-d8

Concen: 46.09 ug/l

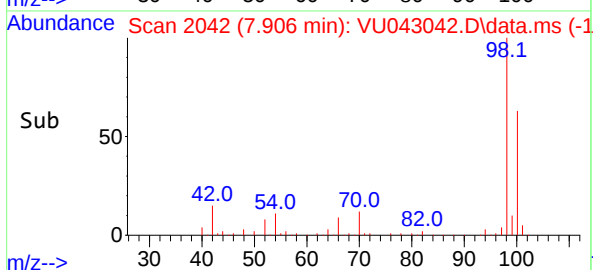
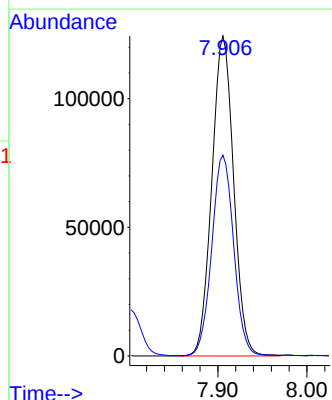
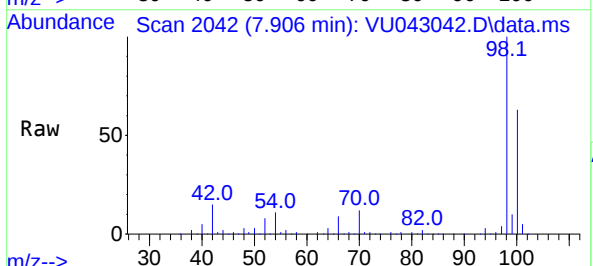
RT: 7.906 min Scan# 2042

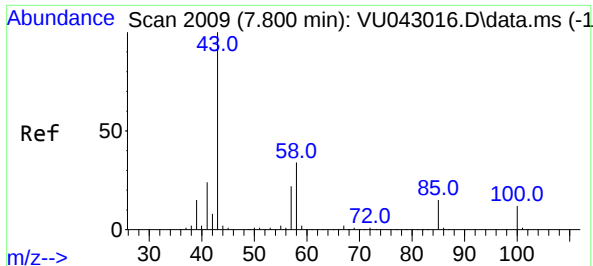
Delta R.T. -0.000 min

Lab File: VU043042.D

Acq: 13 Apr 2021 11:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 211303 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 62.9  | 50.2  | 75.2   |





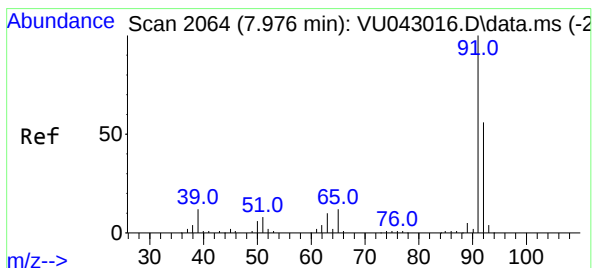
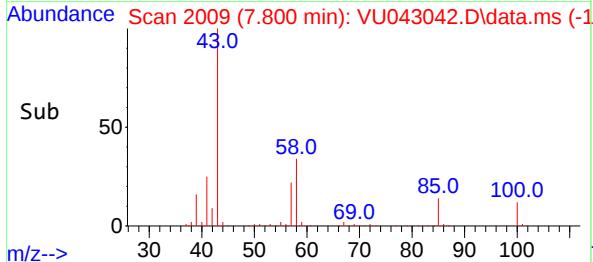
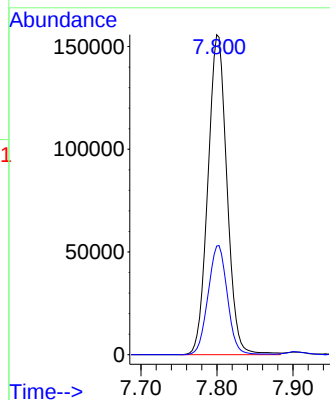
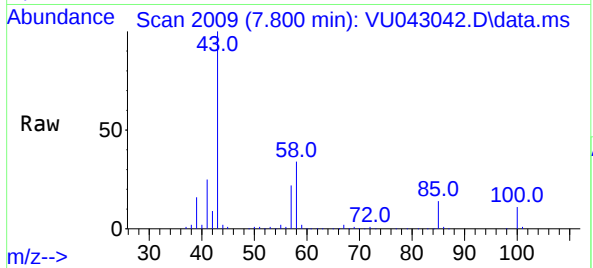
#51  
4-Methyl-2-Pentanone  
Concen: 82.13 ug/l  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 271075  
Ion Ratio Lower Upper  
43 100  
58 34.5 28.1 42.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

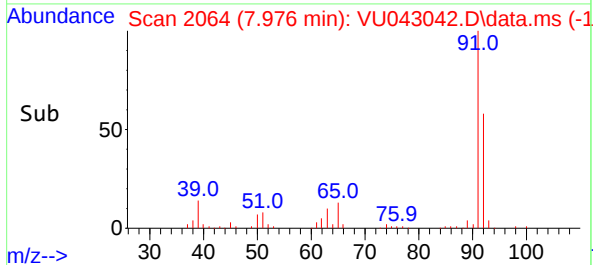
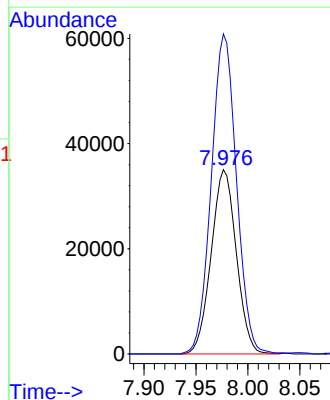
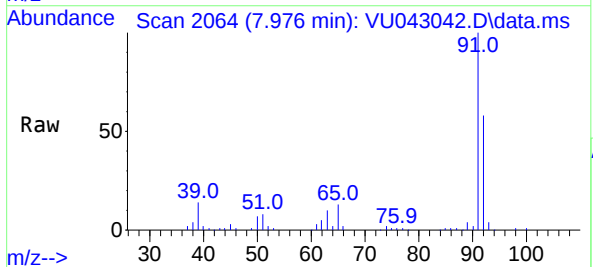
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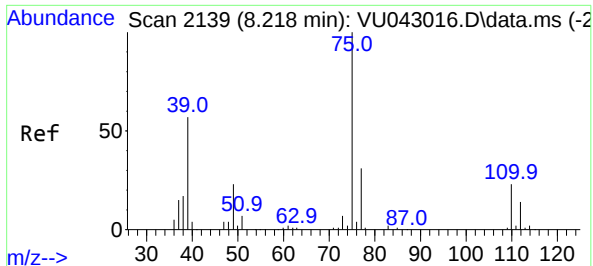
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#52  
Toluene  
Concen: 18.19 ug/l  
RT: 7.976 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 92 Resp: 58954  
Ion Ratio Lower Upper  
92 100  
91 174.0 140.3 210.5





#53

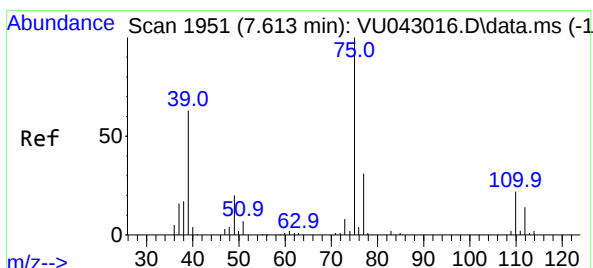
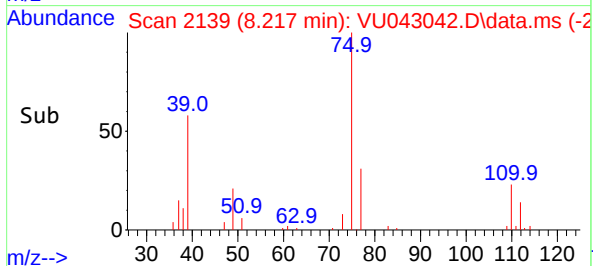
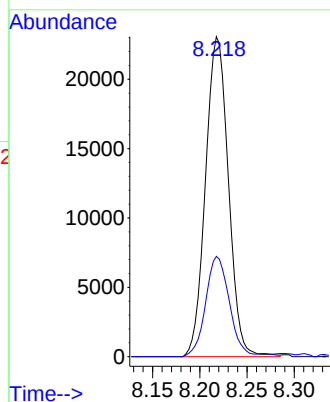
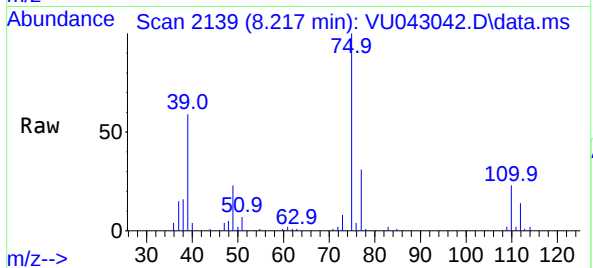
t-1,3-Dichloropropene  
Concen: 17.22 ug/l  
RT: 8.217 min Scan# 2139  
Delta R.T. -0.001 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 75 Resp: 38882  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.6 38.4

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

Manual Integrations  
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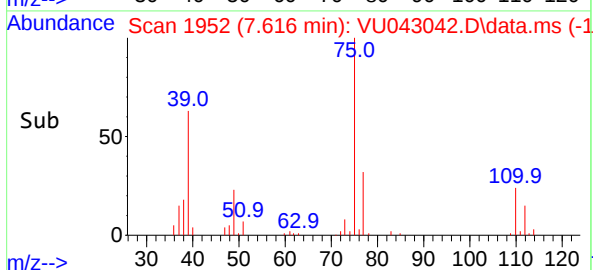
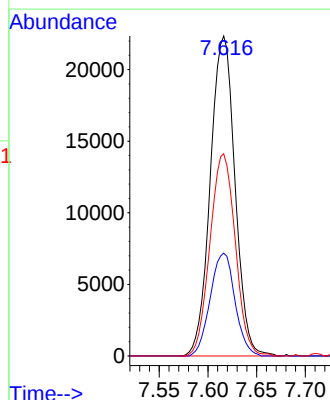
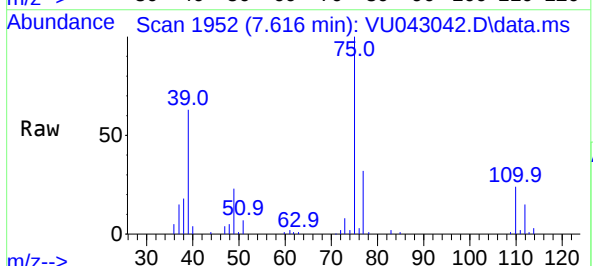
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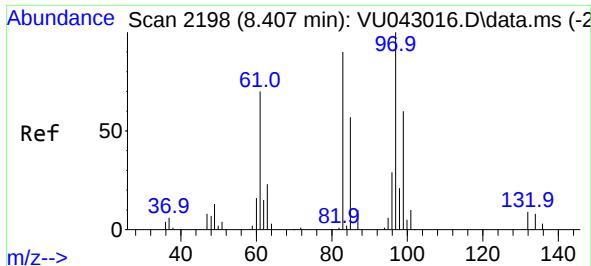


#54

cis-1,3-Dichloropropene  
Concen: 17.18 ug/l  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 75 Resp: 39374  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.6 37.0  
39 63.2 46.1 69.1





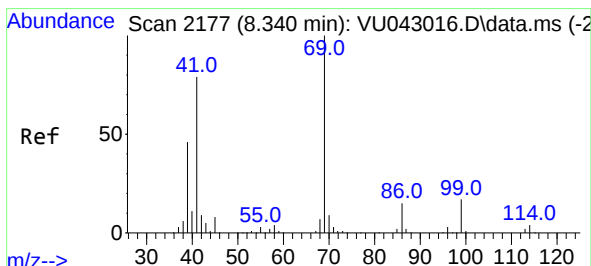
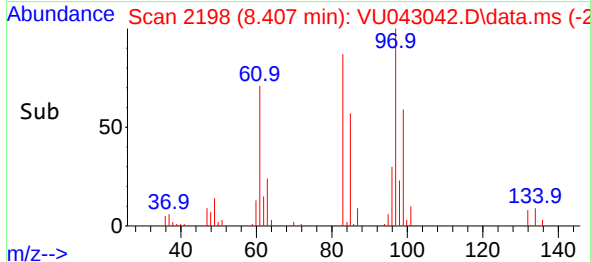
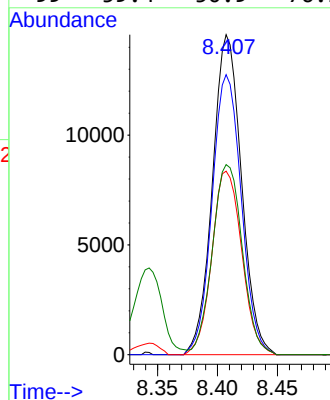
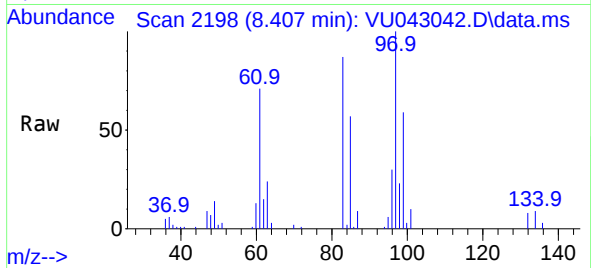
#55  
1,1,2-Trichloroethane  
Concen: 17.64 ug/l  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

| Tgt Ion: | 97    | Resp: | 24526 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 72.6  | 109.0 |
| 85       | 57.4  | 46.6  | 69.8  |
| 99       | 59.4  | 50.9  | 76.3  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

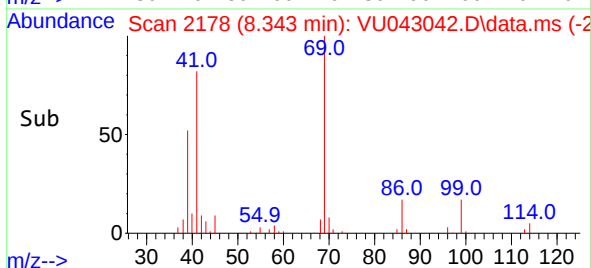
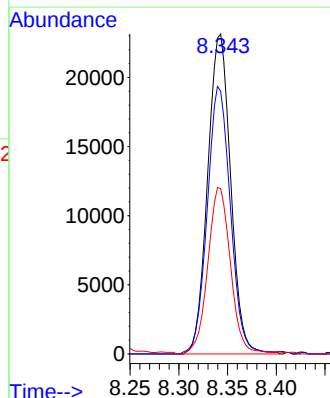
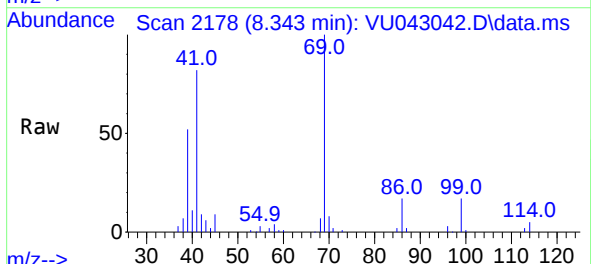
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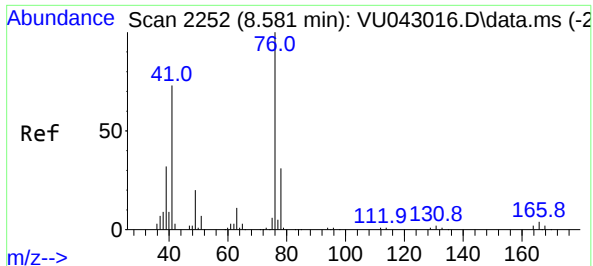
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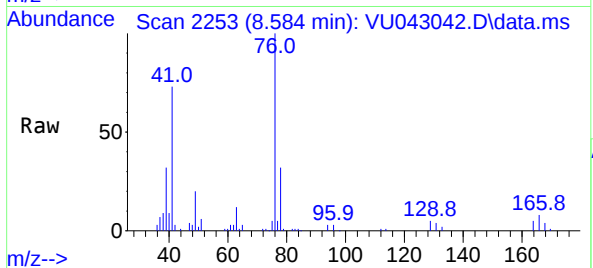
#56  
Ethyl methacrylate  
Concen: 16.67 ug/l  
RT: 8.343 min Scan# 2178  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

| Tgt Ion: | 69    | Resp: | 37952 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 84.4  | 62.8  | 94.2  |
| 39       | 51.3  | 36.2  | 54.2  |

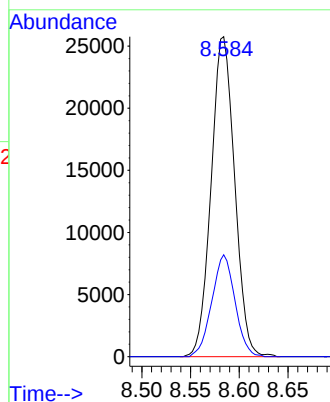
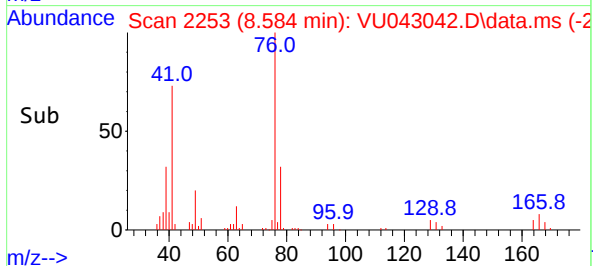




#57  
1,3-Dichloropropane  
Concen: 18.02 ug/l  
RT: 8.584 min Scan# 2253  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



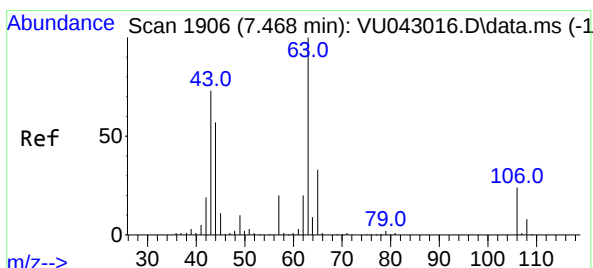
Tgt Ion: 76 Resp: 43274  
Ion Ratio Lower Upper  
76 100  
78 31.4 25.7 38.5



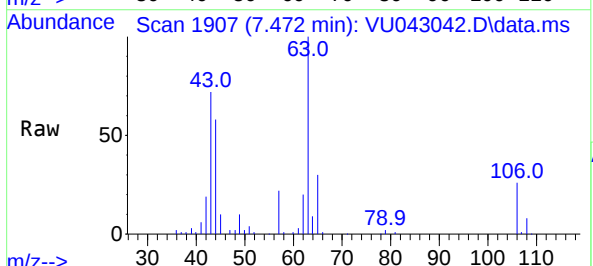
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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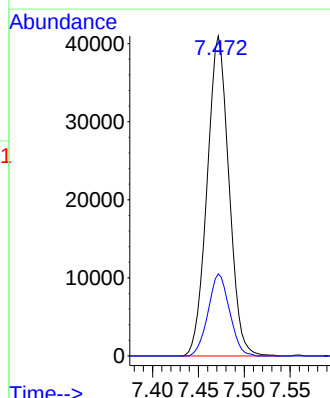
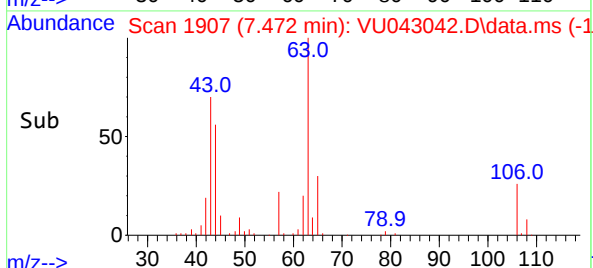
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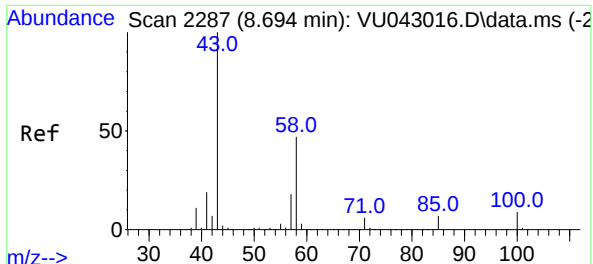


#58  
2-Chloroethyl Vinyl ether  
Concen: 76.81 ug/l  
RT: 7.472 min Scan# 1907  
Delta R.T. 0.004 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



Tgt Ion: 63 Resp: 67771  
Ion Ratio Lower Upper  
63 100  
106 25.2 20.3 30.5





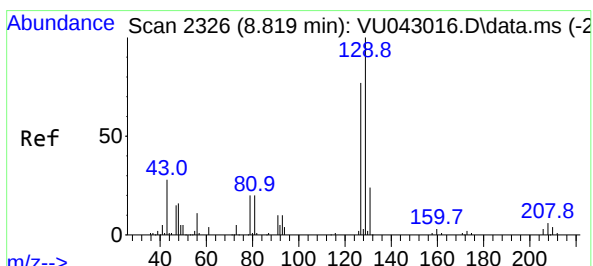
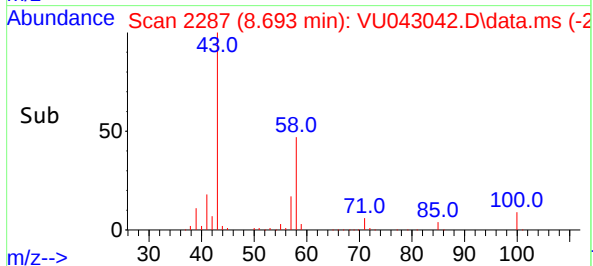
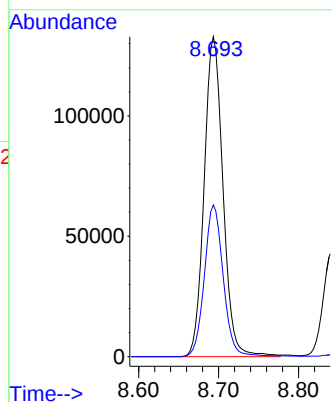
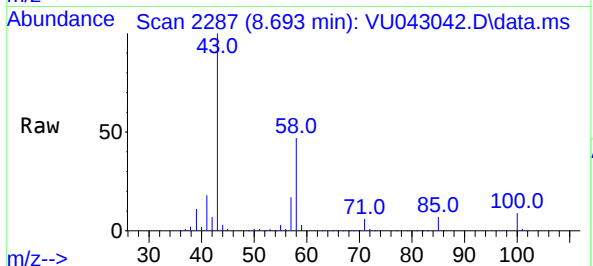
#59  
2-Hexanone  
Concen: 80.27 ug/l  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.001 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 218156  
Ion Ratio Lower Upper  
43 100  
58 47.7 24.0 72.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
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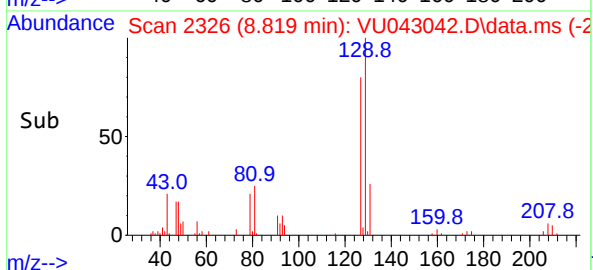
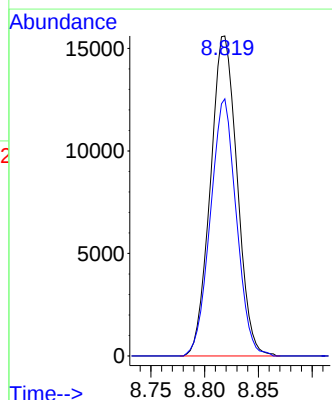
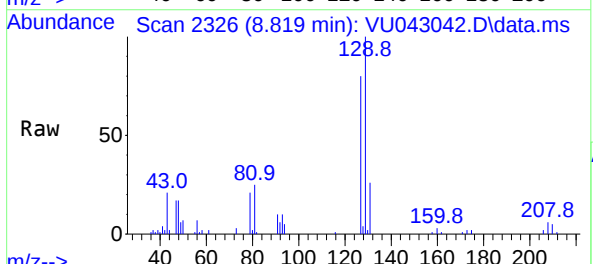
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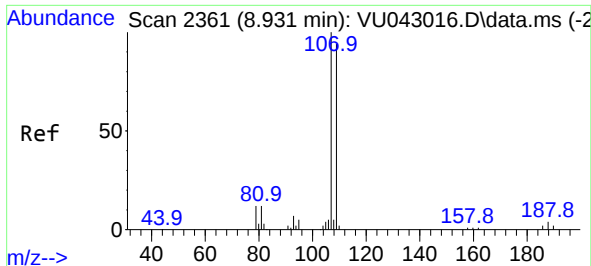
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#60  
Dibromochloromethane  
Concen: 16.77 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

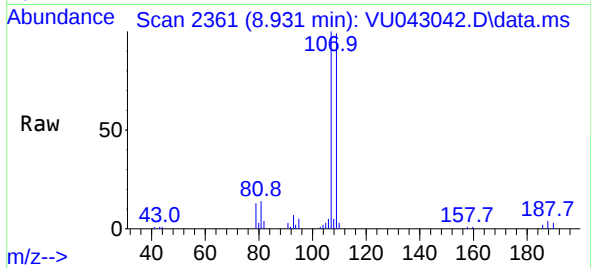
Tgt Ion:129 Resp: 26968  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.5 115.3





#61  
1,2-Dibromoethane  
Concen: 17.31 ug/l  
RT: 8.931 min Scan# 2361  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

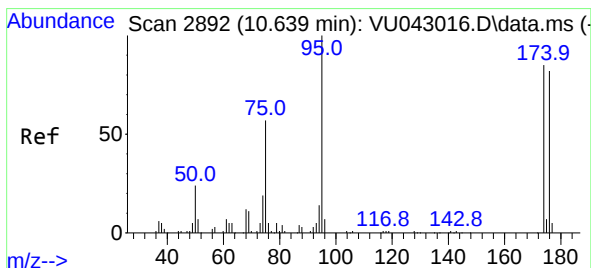
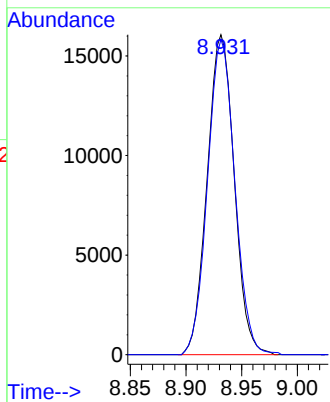
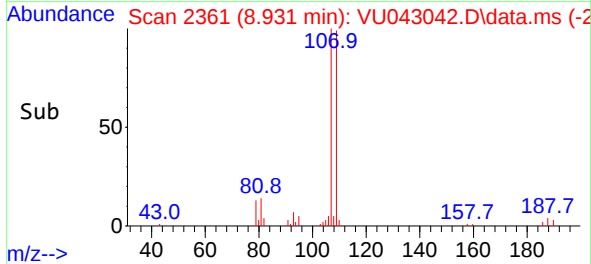
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01



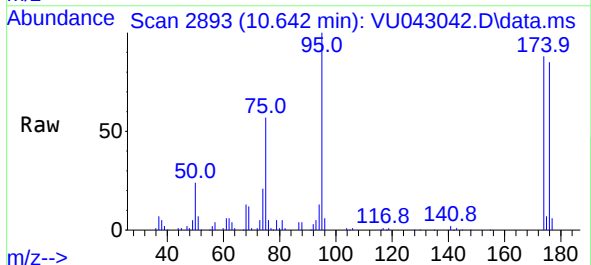
Tgt Ion: 107 Resp: 27147  
Ion Ratio Lower Upper  
107 100  
109 99.4 75.9 113.9

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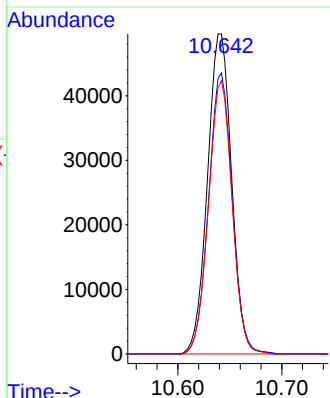
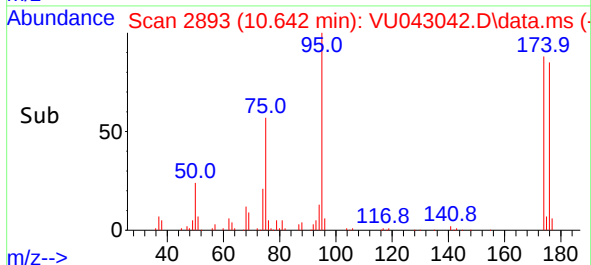
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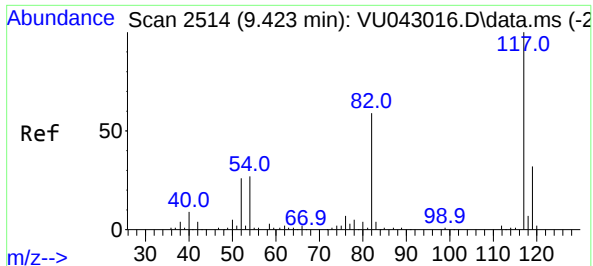


#62  
4-Bromofluorobenzene  
Concen: 43.52 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



Tgt Ion: 95 Resp: 79904  
Ion Ratio Lower Upper  
95 100  
174 86.2 0.0 172.2  
176 83.8 0.0 168.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.423 min Scan# 2514

Delta R.T. 0.000 min

Lab File: VU043042.D

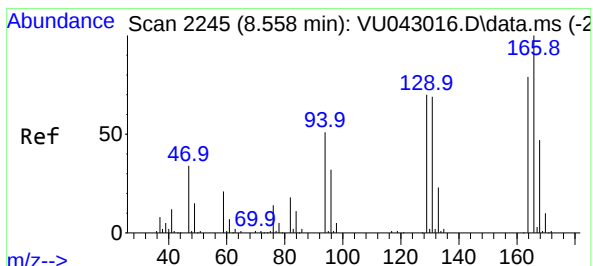
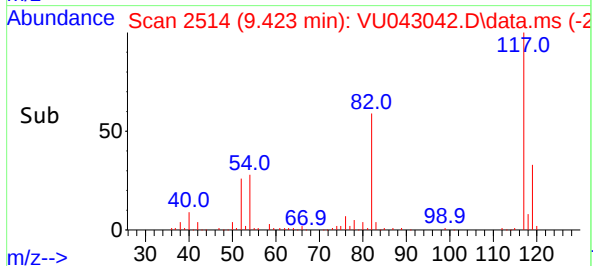
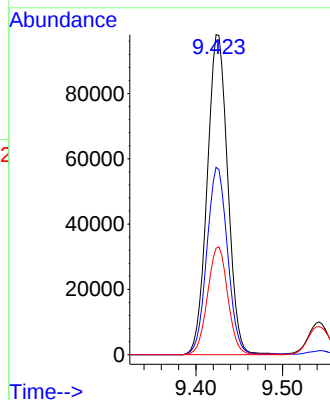
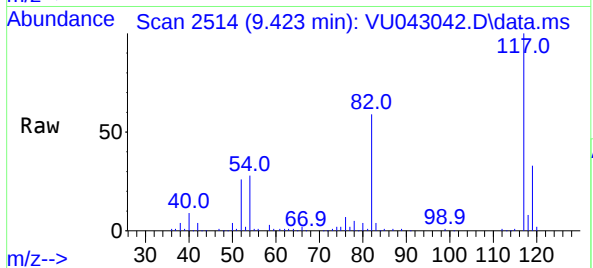
Acq: 13 Apr 2021 11:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 161459 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 58.6  | 45.8  | 68.6   |
| 119       | 33.3  | 25.8  | 38.8   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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#64

Tetrachloroethene

Concen: 18.49 ug/l

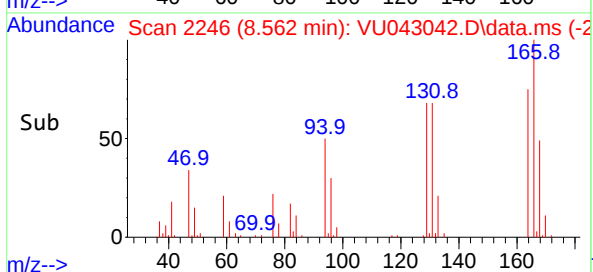
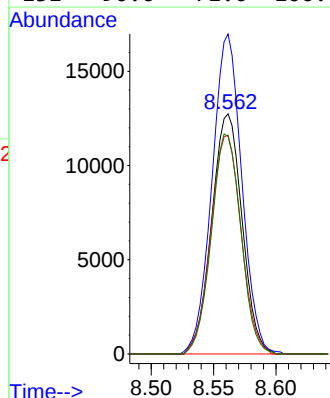
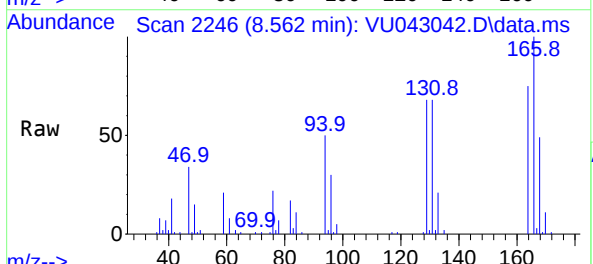
RT: 8.562 min Scan# 2246

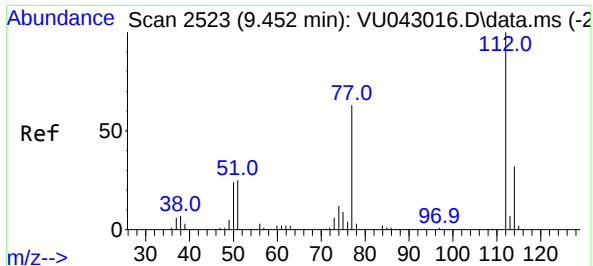
Delta R.T. 0.004 min

Lab File: VU043042.D

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 21659 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 133.2 | 105.3 | 157.9 |
| 129       | 91.1  | 75.0  | 112.6 |
| 131       | 90.6  | 71.0  | 106.6 |





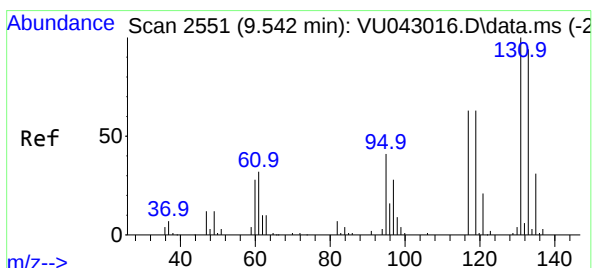
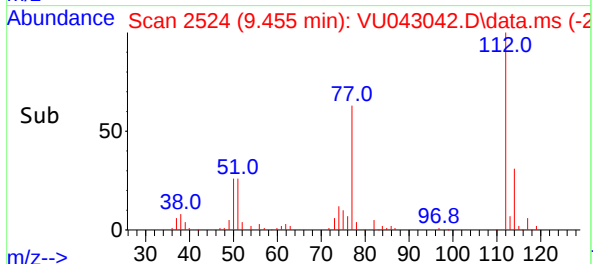
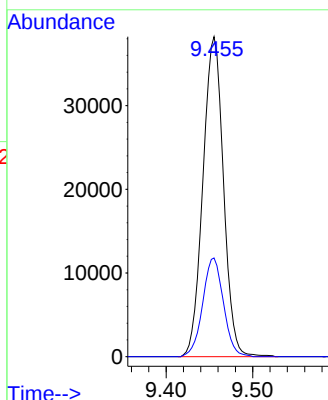
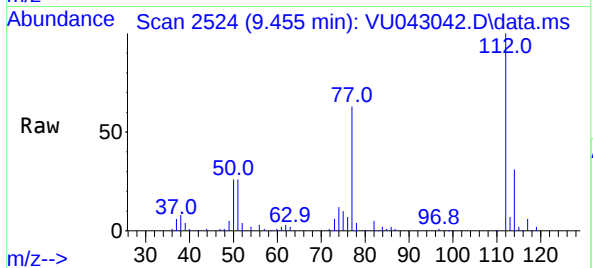
#65  
Chlorobenzene  
Concen: 18.23 ug/l  
RT: 9.455 min Scan# 2524  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

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MSVOA\_U  
ClientSampleId :  
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Tgt Ion:112 Resp: 63111  
Ion Ratio Lower Upper  
112 100  
114 30.9 25.0 37.4

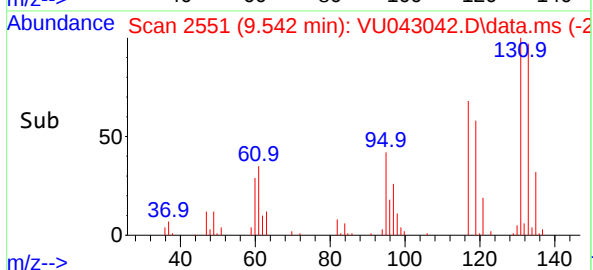
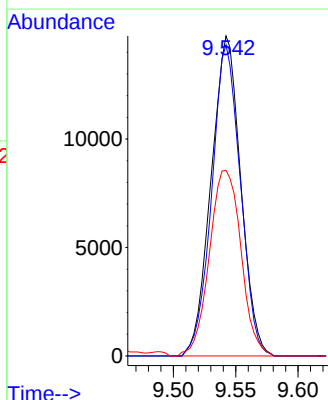
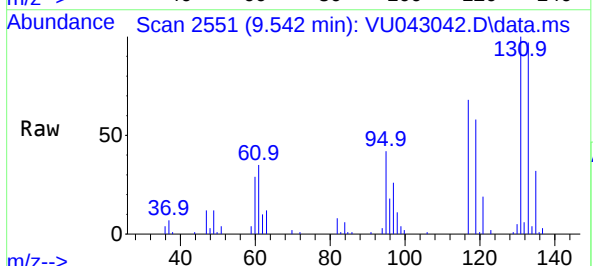
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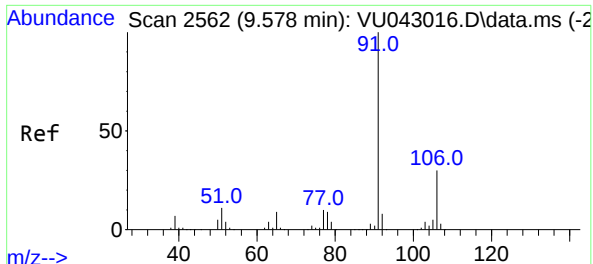
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.38 ug/l  
RT: 9.542 min Scan# 2551  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion:131 Resp: 24331  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.6 142.9  
119 62.0 31.9 95.5





#67

Ethyl Benzene

Concen: 18.61 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043042.D

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Tgt Ion: 91 Resp: 116312

Ion Ratio Lower Upper

91 100

106 29.1 24.1 36.1

Instrument :

MSVOA\_U

ClientSampleId :

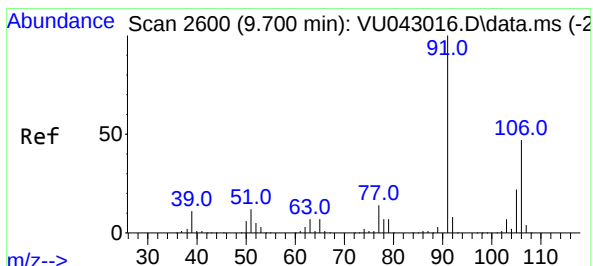
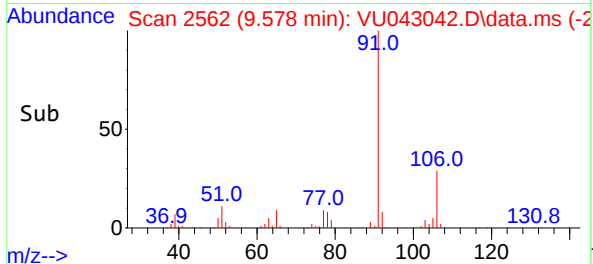
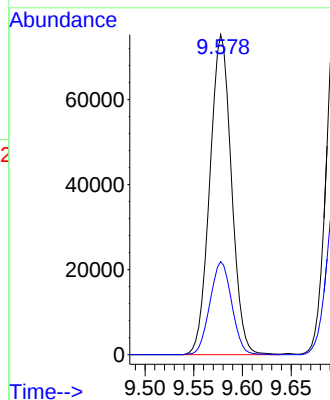
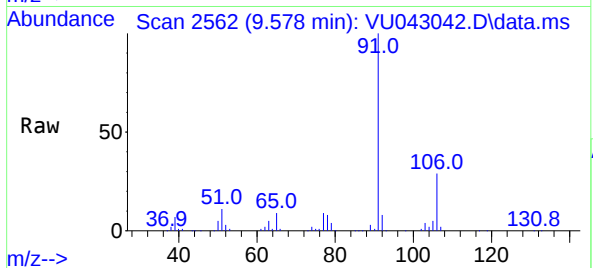
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#68

m/p-Xylenes

Concen: 36.48 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043042.D

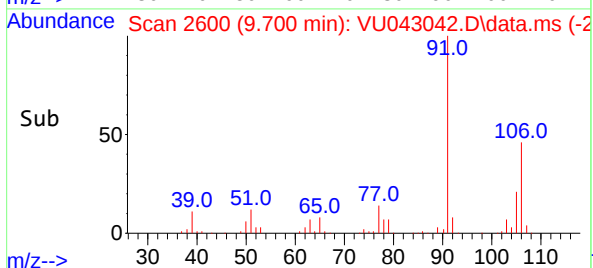
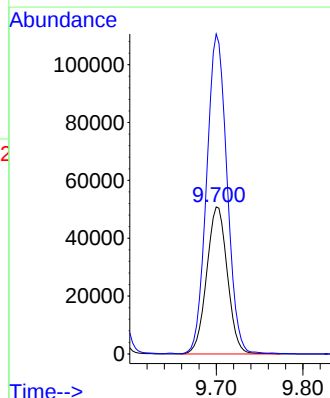
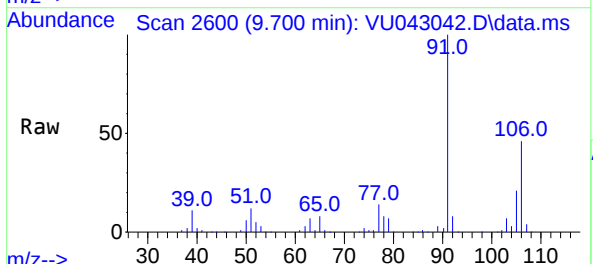
Acq: 13 Apr 2021 11:33

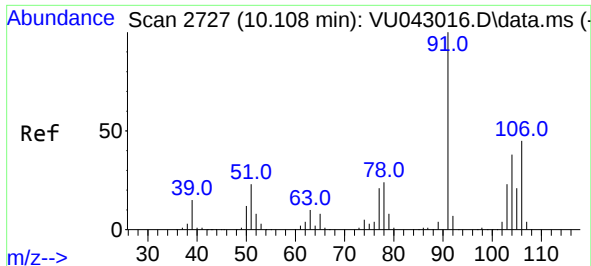
Tgt Ion: 106 Resp: 84336

Ion Ratio Lower Upper

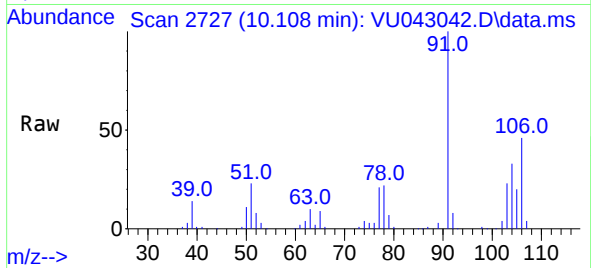
106 100

91 213.9 169.9 254.9

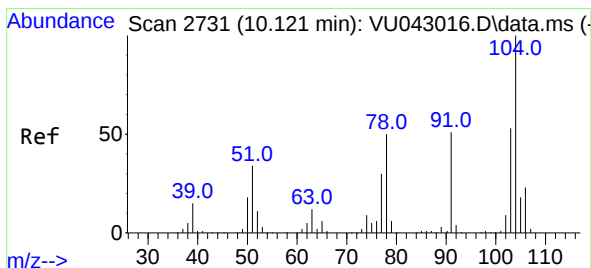
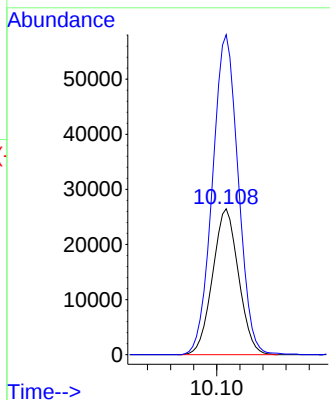
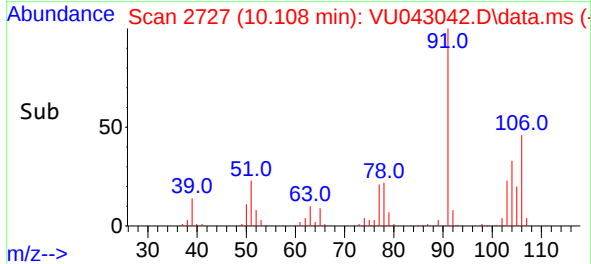




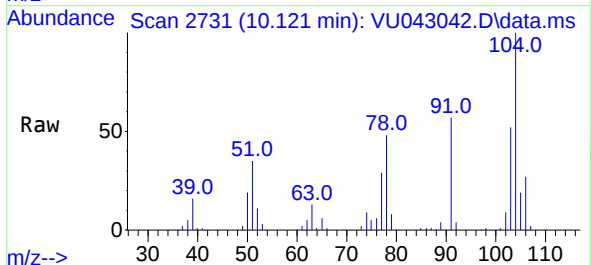
#69  
o-Xylene  
Concen: 18.28 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



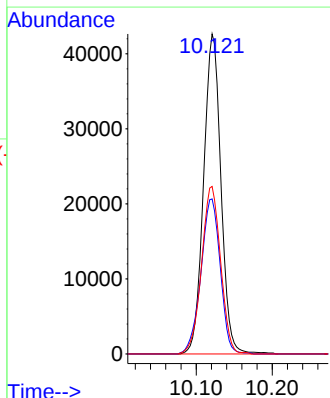
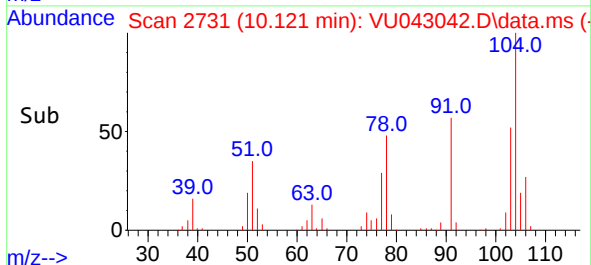
Tgt Ion:106 Resp: 41258  
Ion Ratio Lower Upper  
106 100  
91 218.5 111.2 333.6



#70  
Styrene  
Concen: 17.81 ug/l  
RT: 10.121 min Scan# 2731  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



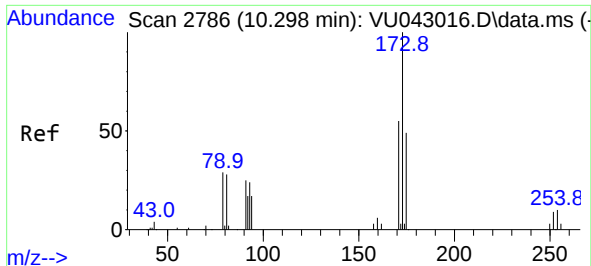
Tgt Ion:104 Resp: 67687  
Ion Ratio Lower Upper  
104 100  
78 53.7 44.8 67.2  
103 57.3 45.7 68.5



Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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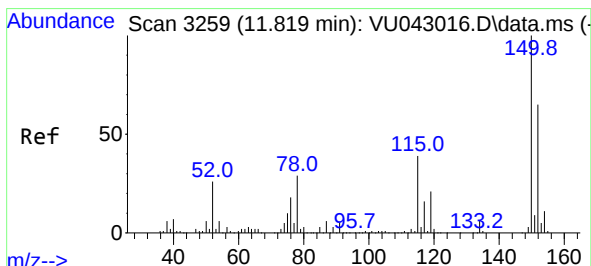
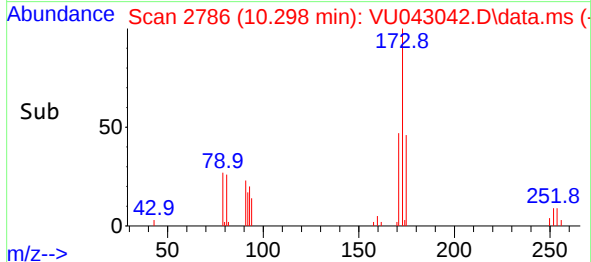
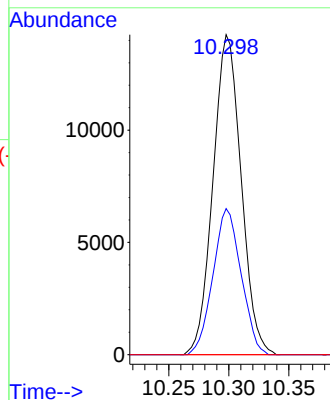
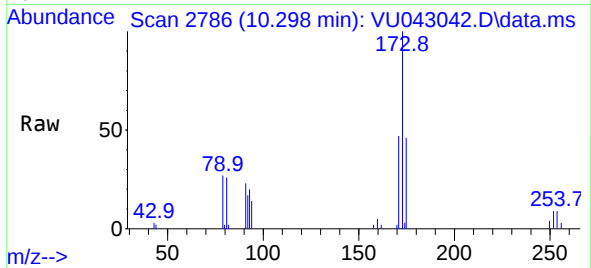
#71  
Bromoform  
Concen: 17.03 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 23220 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 45.7  | 23.8  | 71.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

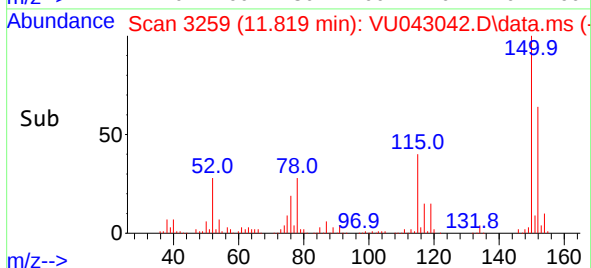
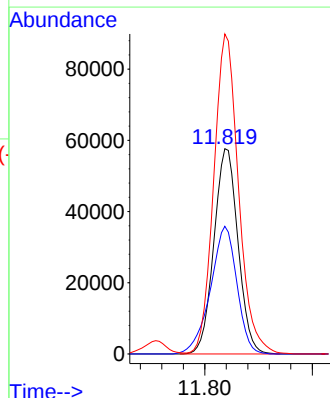
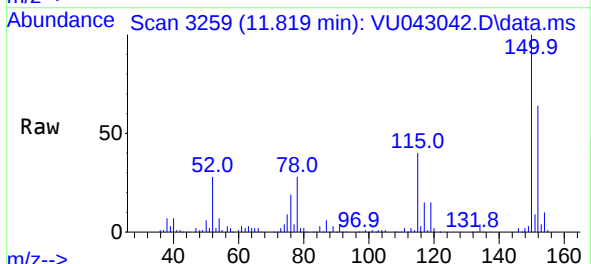
Manual Integrations  
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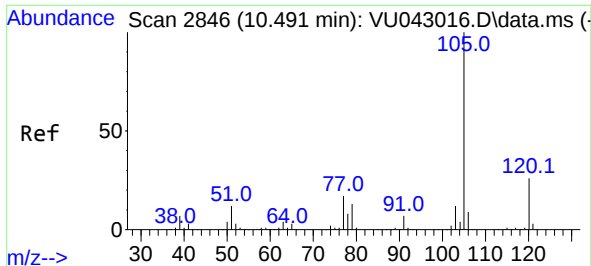
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 89662 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 68.3  | 41.5  | 124.6 |
| 150       | 160.7 | 0.0   | 342.4 |





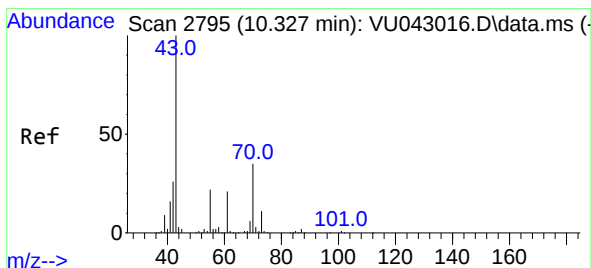
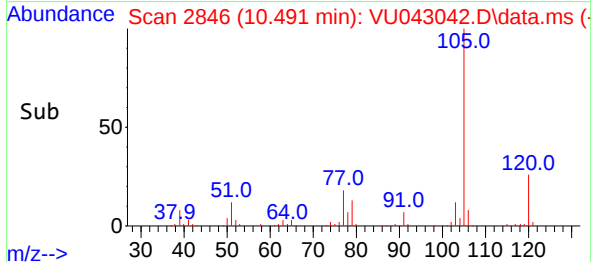
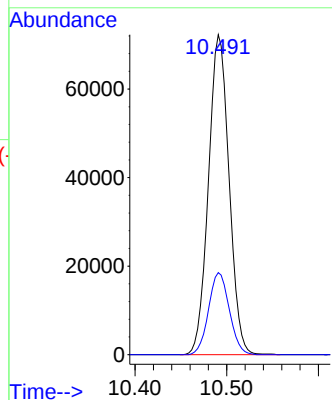
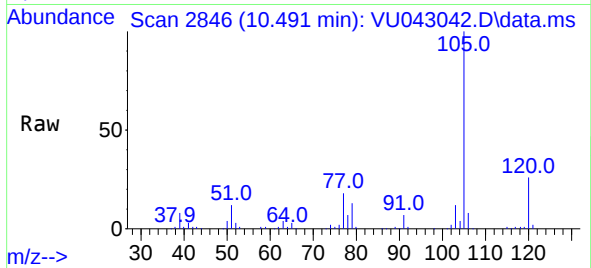
#73  
Isopropylbenzene  
Concen: 18.71 ug/l  
RT: 10.491 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 105 Resp: 112605  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.1 39.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

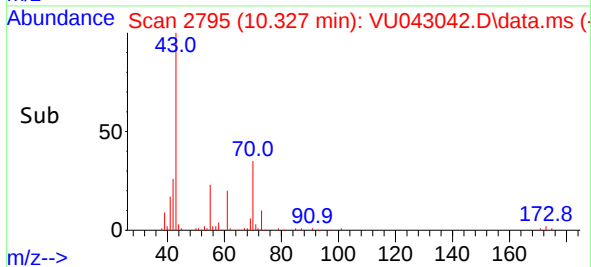
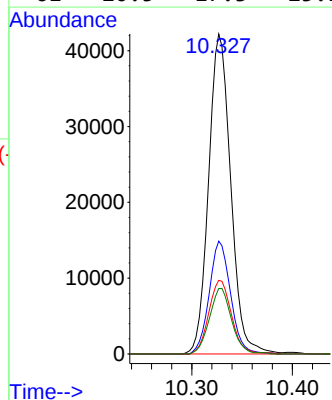
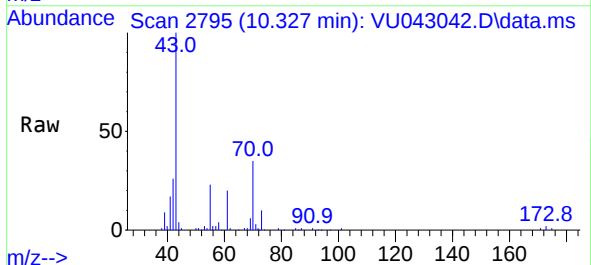
Manual Integrations  
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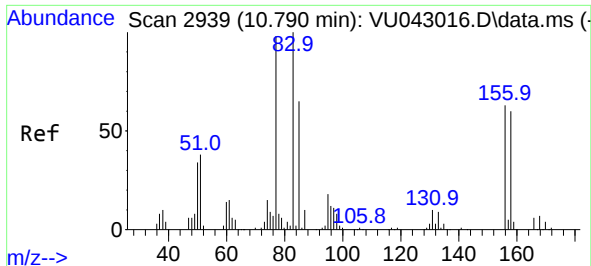
MMDadoda  
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#74  
N-ethyl acetate  
Concen: 16.71 ug/l  
RT: 10.327 min Scan# 2795  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 43 Resp: 64604  
Ion Ratio Lower Upper  
43 100  
70 34.1 28.3 42.5  
55 23.6 17.2 25.8  
61 20.5 17.3 25.9





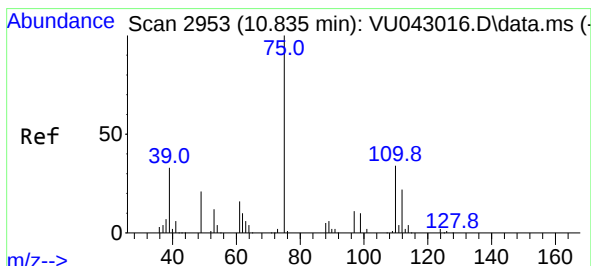
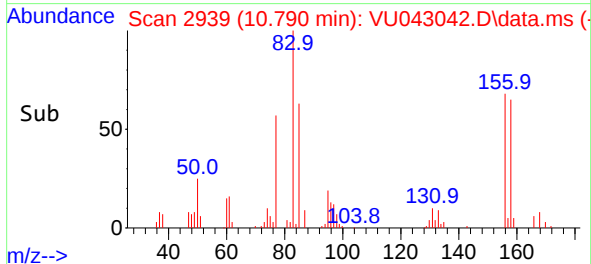
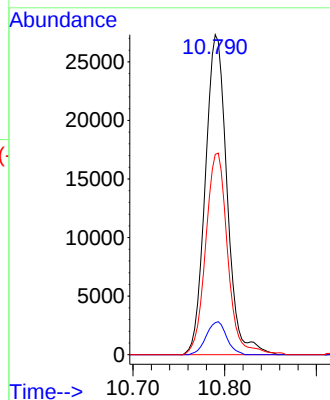
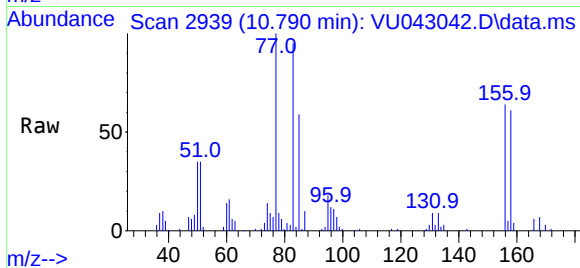
#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.18 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 83 Resp: 45017  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.1 15.2  
85 63.7 31.7 95.1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

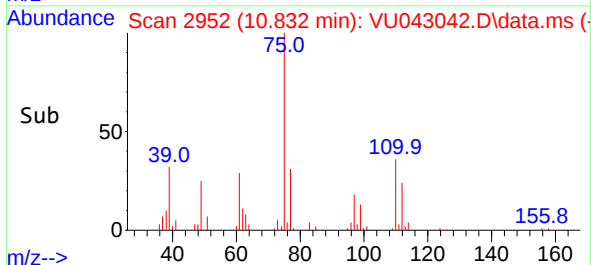
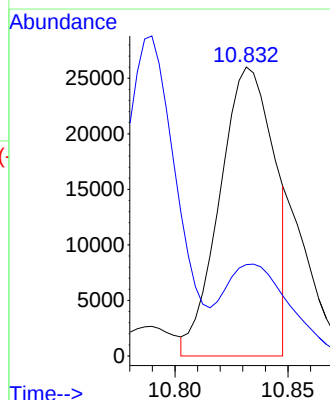
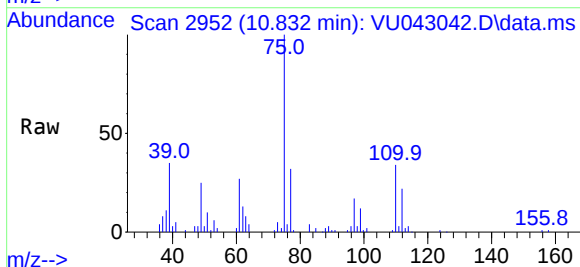
Manual Integrations  
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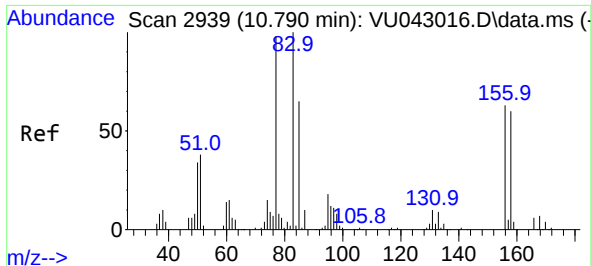
MMDadoda  
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#76  
1,2,3-Trichloropropane  
Concen: 16.60 ug/l m  
RT: 10.832 min Scan# 2952  
Delta R.T. -0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 75 Resp: 43480  
Ion Ratio Lower Upper  
75 100  
77 38.8 20.2 60.5





#77  
Bromobenzene  
Concen: 17.62 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

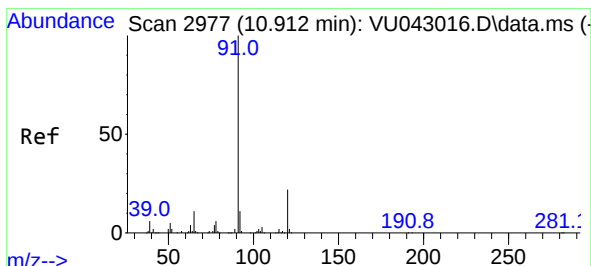
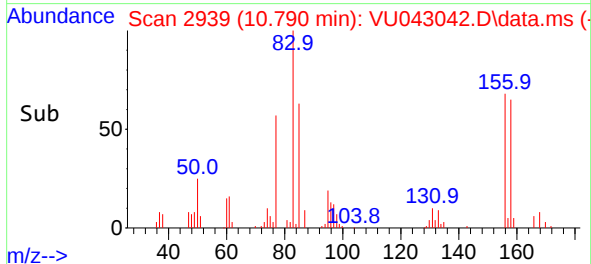
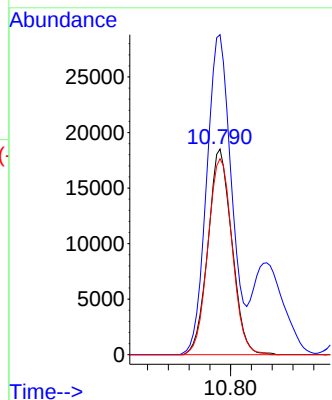
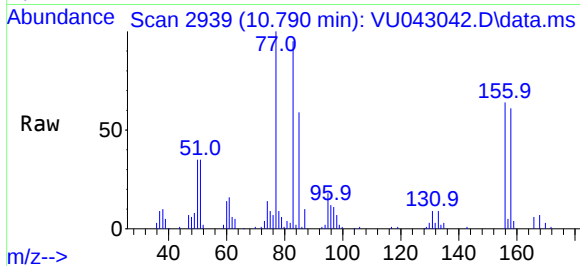
Tgt Ion: 156 Resp: 29538  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 161.5 | 79.3  | 238.1 |
| 158 | 97.1  | 48.3  | 144.9 |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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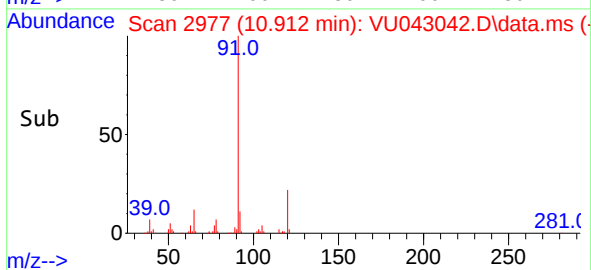
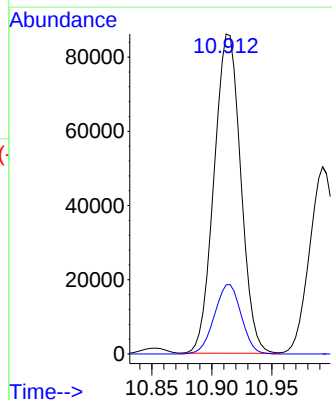
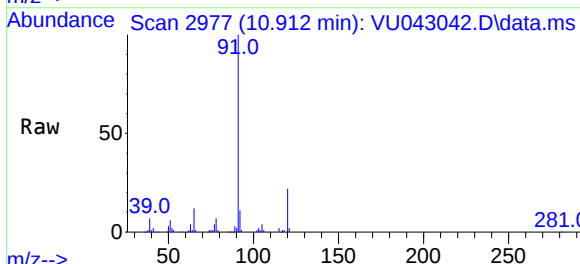
MMDadoda  
4/14/2021 6:28:02 PM

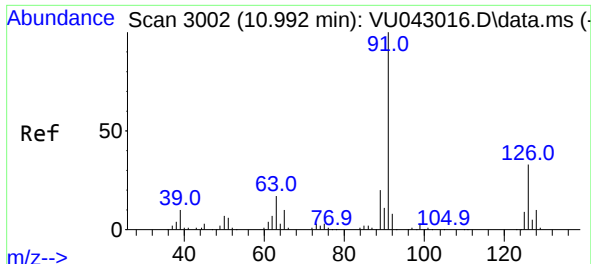


#78  
n-propylbenzene  
Concen: 18.46 ug/l  
RT: 10.912 min Scan# 2977  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 132984  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 21.8  | 11.2  | 33.6  |





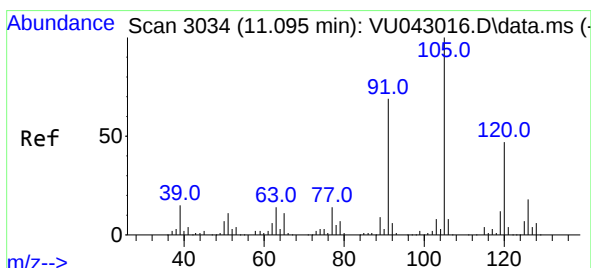
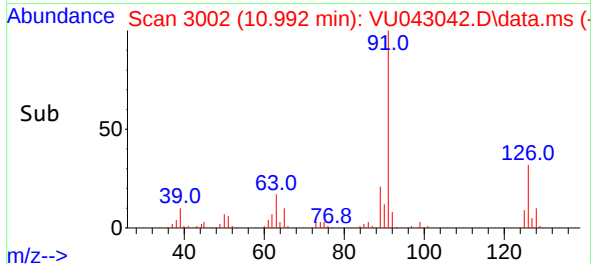
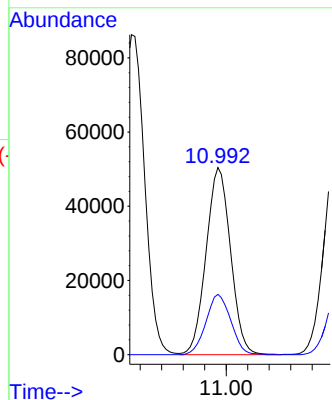
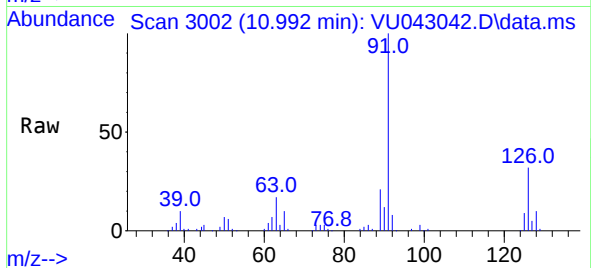
#79  
2-Chlorotoluene  
Concen: 18.22 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion: 91 Resp: 79772  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.7 50.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

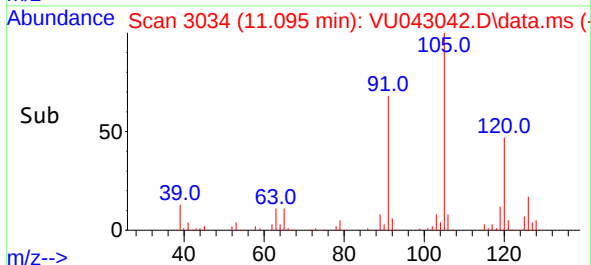
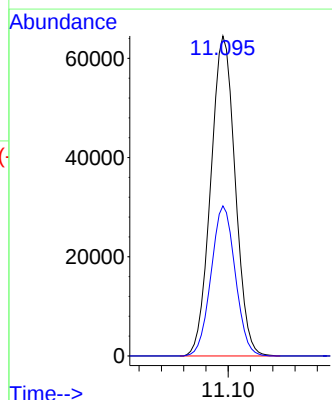
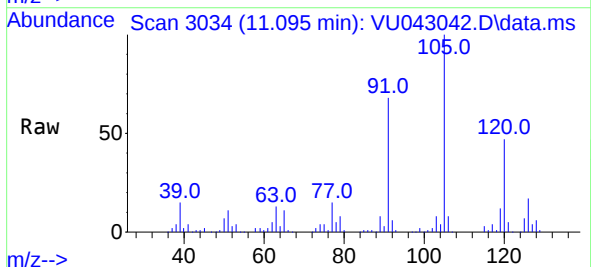
Manual Integrations  
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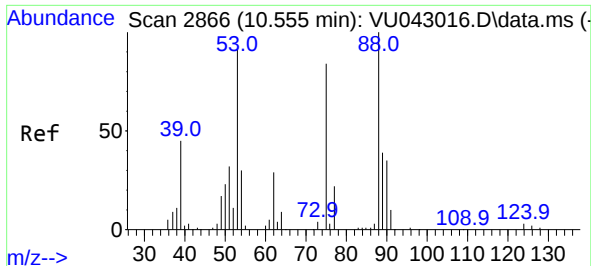
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#80  
1,3,5-Trimethylbenzene  
Concen: 18.47 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

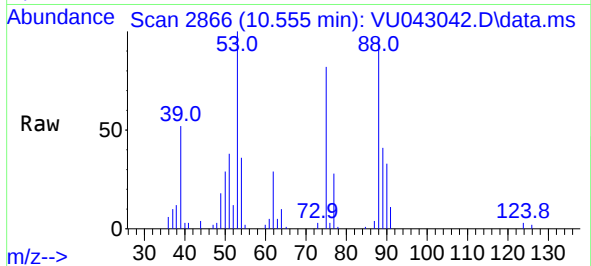
Tgt Ion:105 Resp: 98124  
Ion Ratio Lower Upper  
105 100  
120 46.4 23.8 71.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.74 ug/l  
RT: 10.555 min Scan# 2866  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

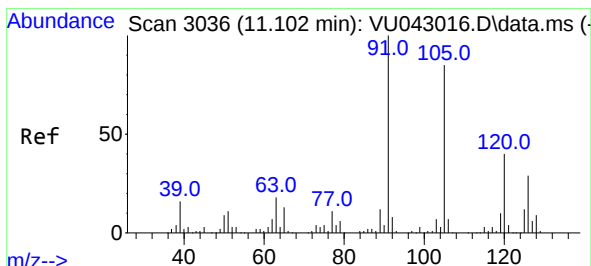
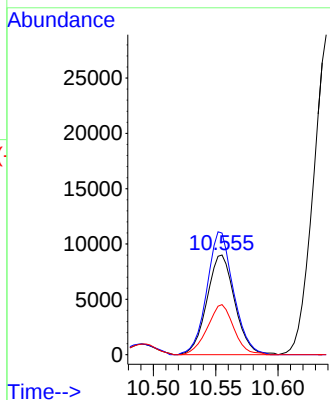
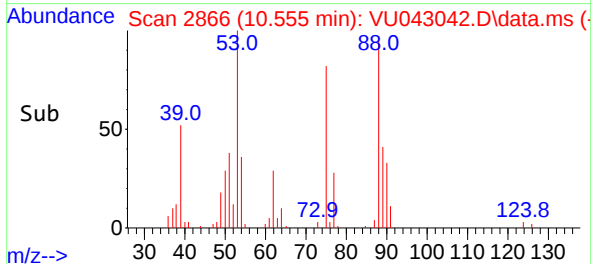
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01



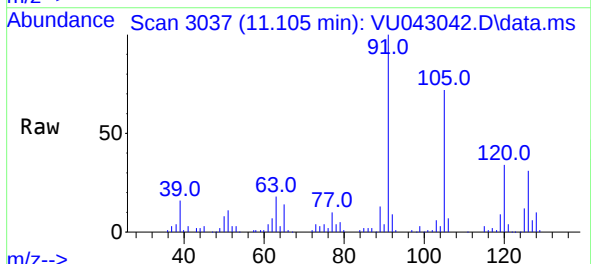
Tgt Ion: 75 Resp: 14037  
Ion Ratio Lower Upper  
75 100  
53 117.6 85.6 128.4  
89 47.7 35.7 53.5

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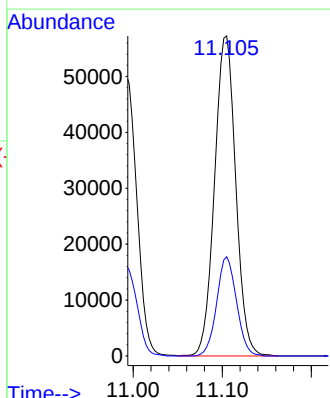
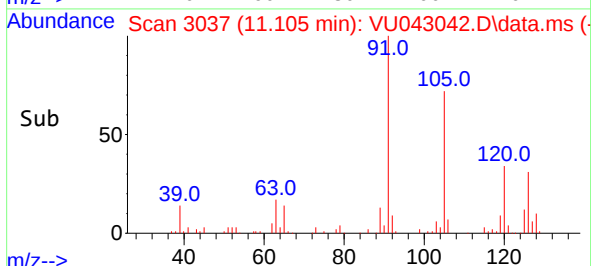
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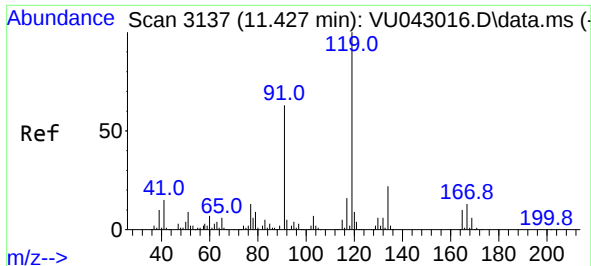


#82  
4-Chlorotoluene  
Concen: 17.98 ug/l  
RT: 11.105 min Scan# 3037  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



Tgt Ion: 91 Resp: 94594  
Ion Ratio Lower Upper  
91 100  
126 29.0 14.6 44.0





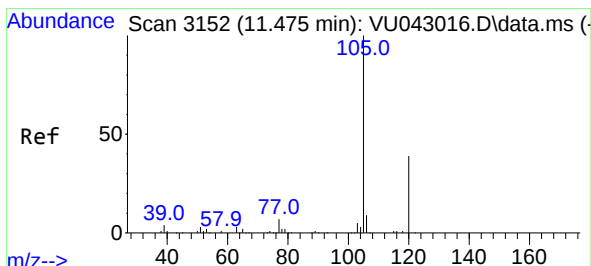
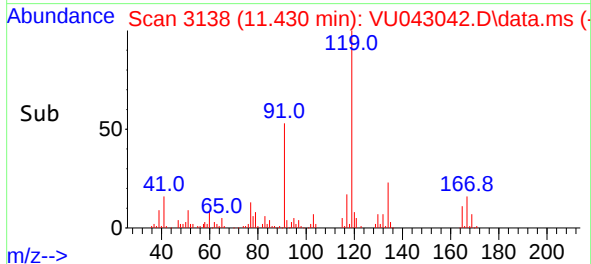
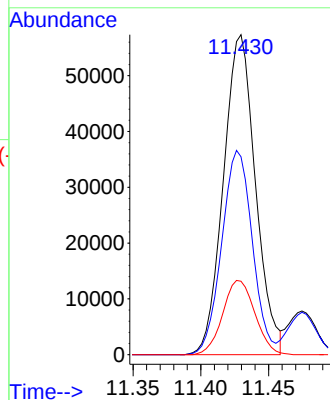
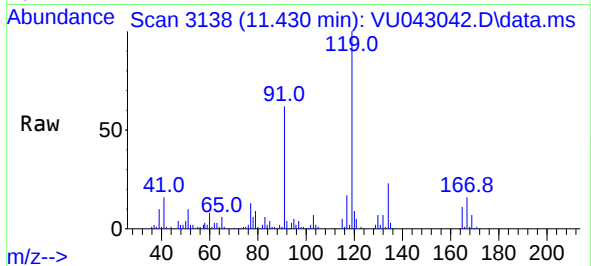
#83  
tert-Butylbenzene  
Concen: 18.10 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 94511 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 60.9  | 30.3  | 90.9  |
| 134       | 23.3  | 11.4  | 34.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

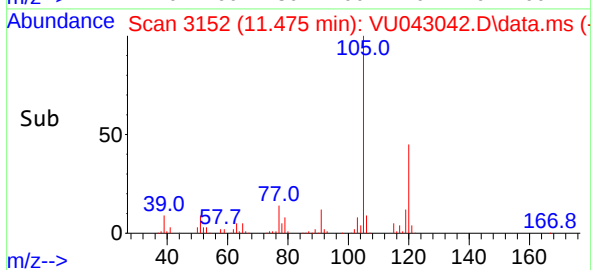
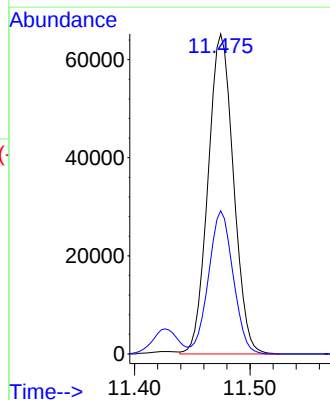
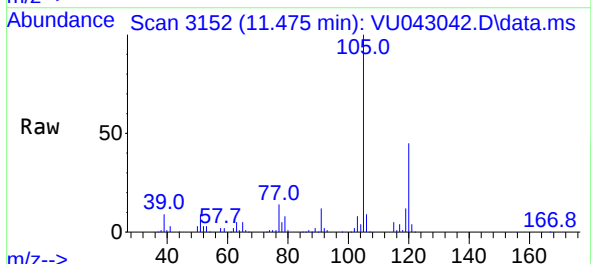
Manual Integrations  
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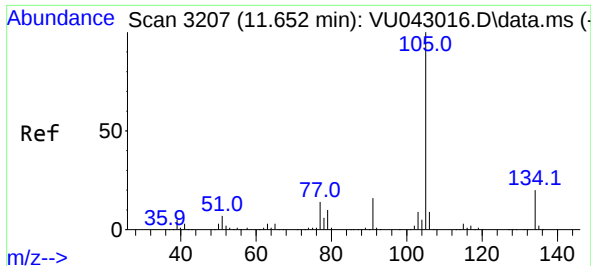
MMDadoda  
4/14/2021 6:28:02 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.30 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 99865 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 43.3  | 22.3  | 66.8  |





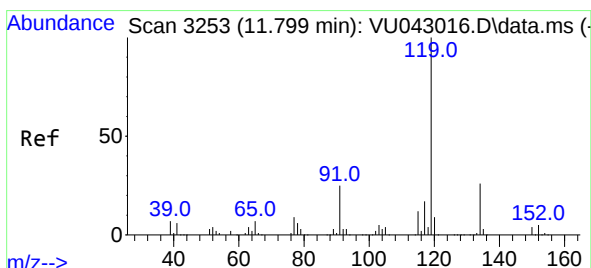
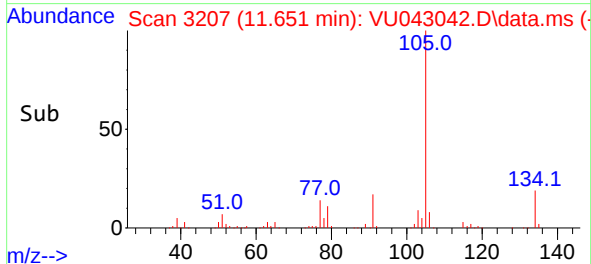
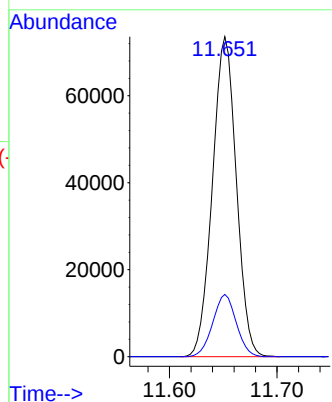
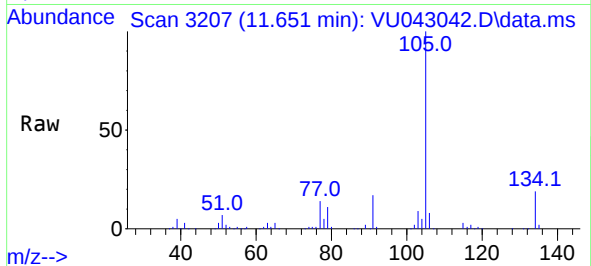
#85  
 sec-Butylbenzene  
 Concen: 18.53 ug/l  
 RT: 11.651 min Scan# 3207  
 Delta R.T. -0.001 min  
 Lab File: VU043042.D  
 Acq: 13 Apr 2021 11:33

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU0413WBS01

Tgt Ion:105 Resp: 113400  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.0 30.0

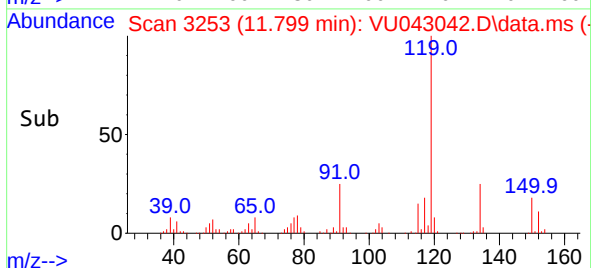
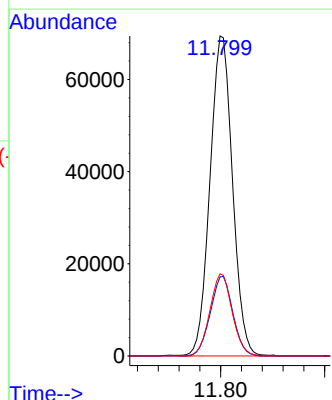
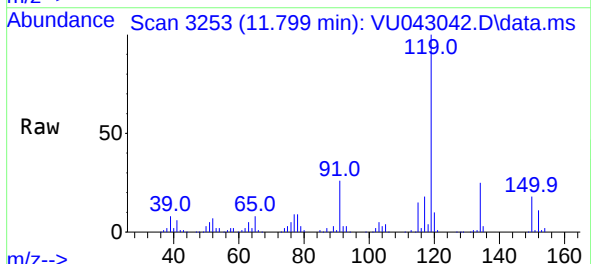
Manual Integrations  
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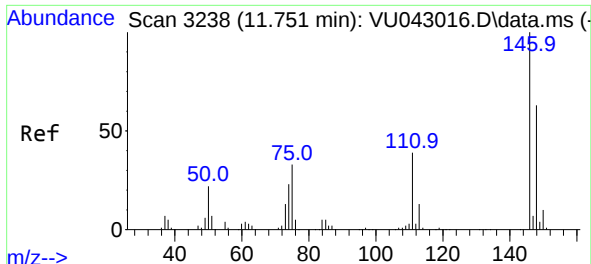
MMDadoda  
 4/14/2021 6:28:02 PM



#86  
 p-Isopropyltoluene  
 Concen: 18.51 ug/l  
 RT: 11.799 min Scan# 3253  
 Delta R.T. 0.000 min  
 Lab File: VU043042.D  
 Acq: 13 Apr 2021 11:33

Tgt Ion:119 Resp: 104294  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 13.2 39.6  
 91 25.3 12.8 38.3





#87

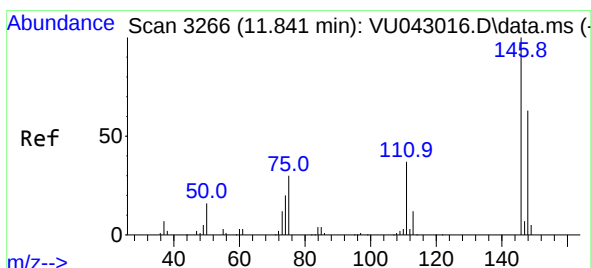
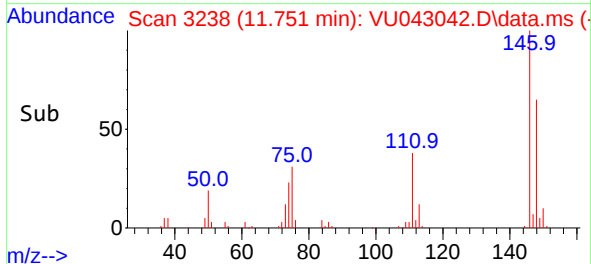
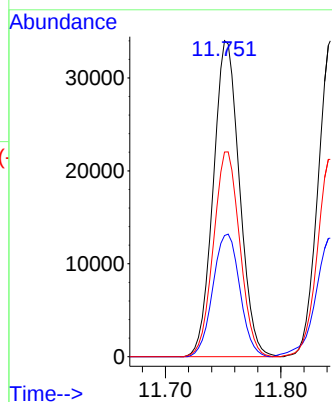
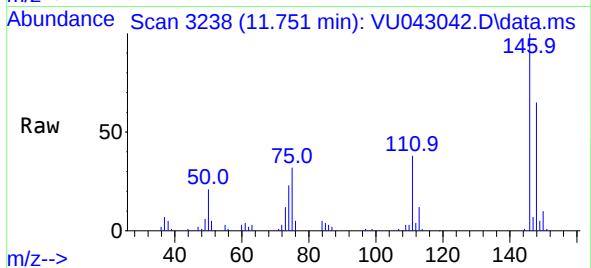
1,3-Dichlorobenzene  
Concen: 17.65 ug/l  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion:146 Resp: 53634  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.9 59.6  
148 65.2 32.0 96.2

Instrument :  
MSVOA\_U  
ClientSampled :  
VU0413WBS01

Manual Integrations  
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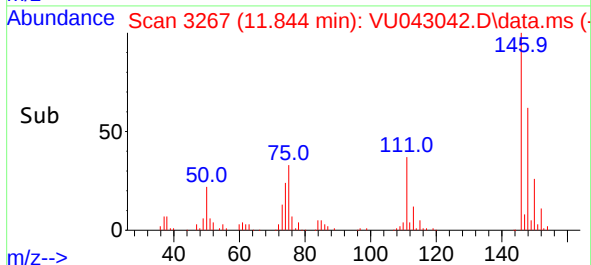
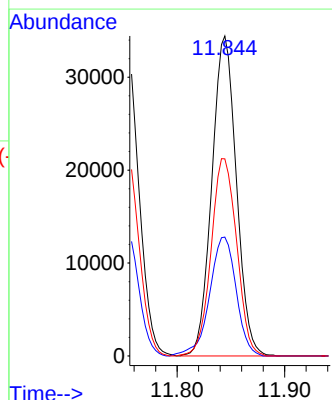
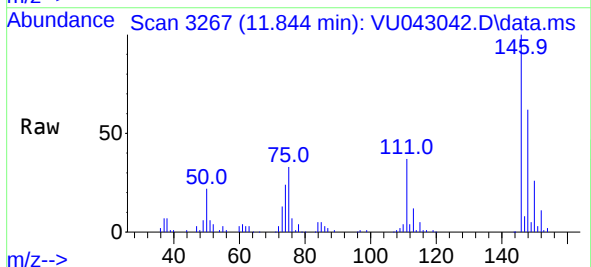
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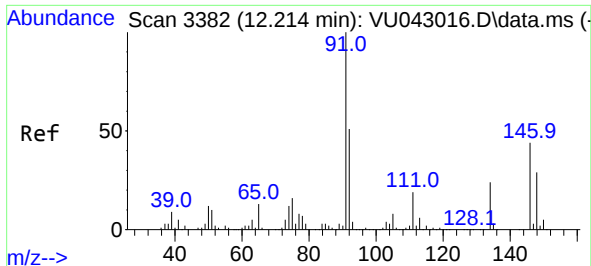


#88

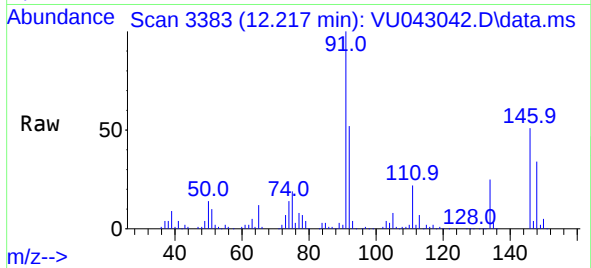
1,4-Dichlorobenzene  
Concen: 17.21 ug/l  
RT: 11.844 min Scan# 3267  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

Tgt Ion:146 Resp: 54565  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.7 59.0  
148 64.4 32.8 98.3

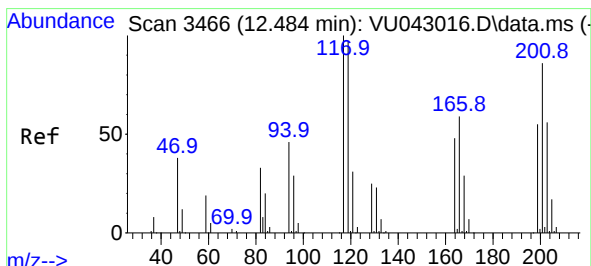
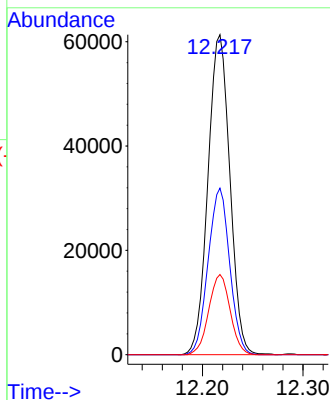
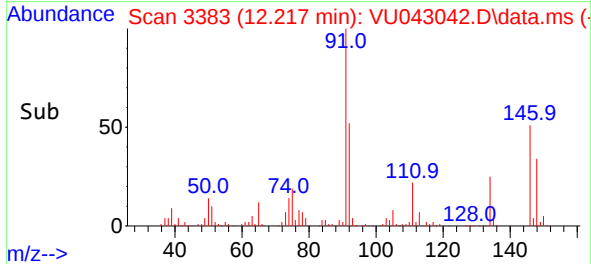




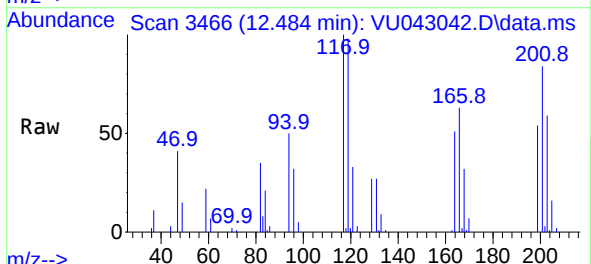
#89  
n-Butylbenzene  
Concen: 17.62 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



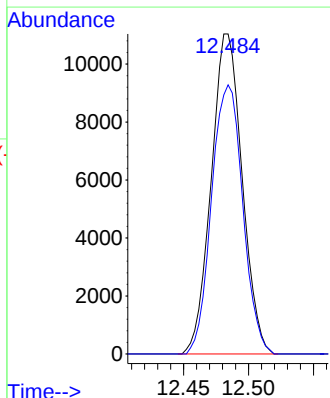
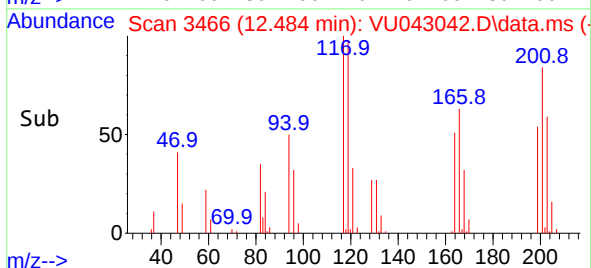
Tgt Ion: 91 Resp: 92965  
Ion Ratio Lower Upper  
91 100  
92 51.2 26.2 78.6  
134 24.4 12.7 38.1



#90  
Hexachloroethane  
Concen: 17.30 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



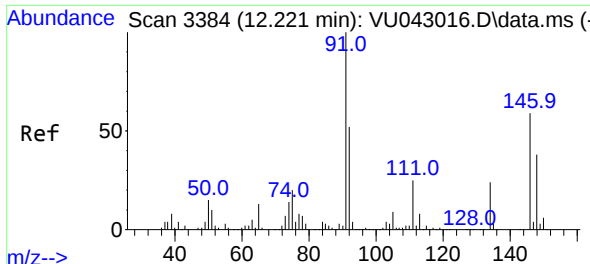
Tgt Ion: 117 Resp: 18267  
Ion Ratio Lower Upper  
117 100  
201 84.7 43.5 130.7



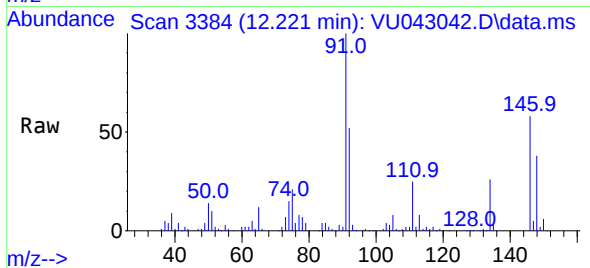
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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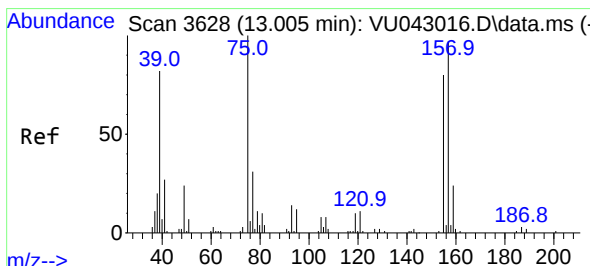
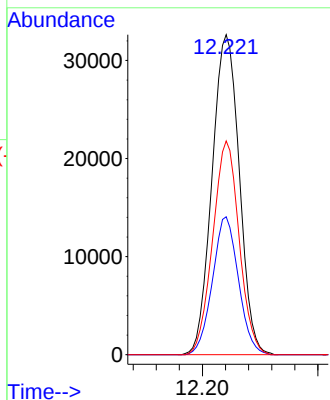
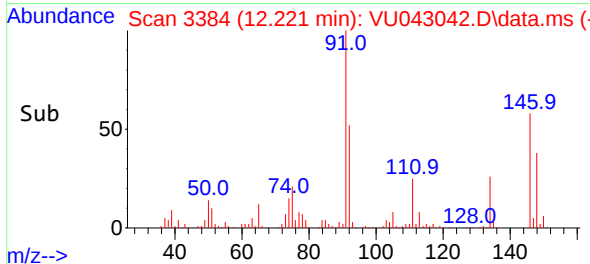
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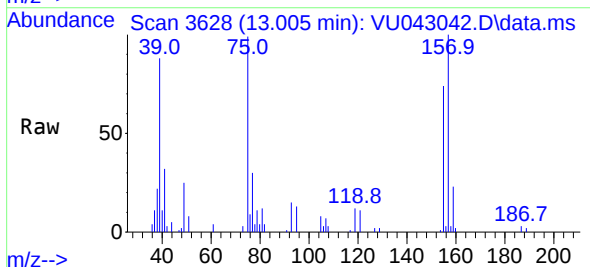
#91  
1,2-Dichlorobenzene  
Concen: 17.21 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



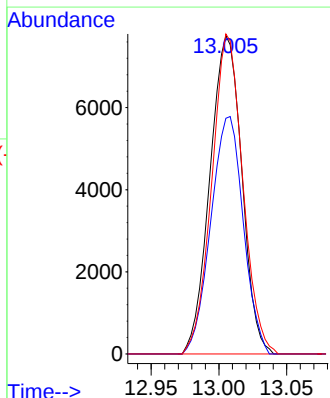
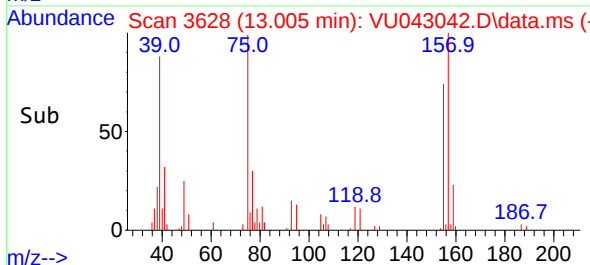
Tgt Ion:146 Resp: 53433  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.8 62.4  
148 64.8 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.05 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



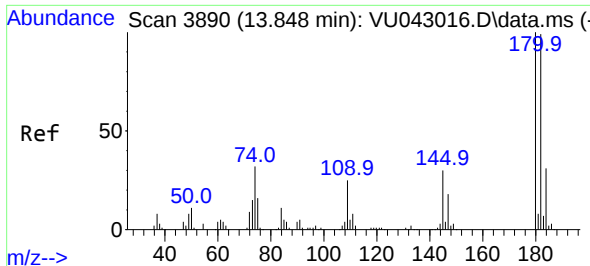
Tgt Ion: 75 Resp: 12646  
Ion Ratio Lower Upper  
75 100  
155 76.1 41.7 125.1  
157 97.7 53.9 161.7



Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

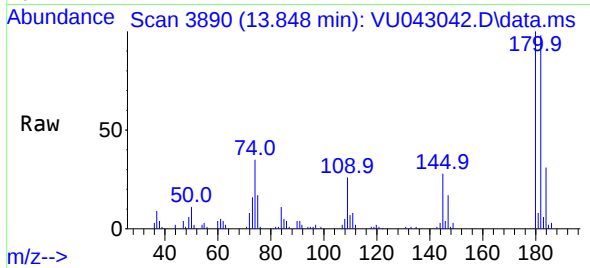
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#93  
1,2,4-Trichlorobenzene  
Concen: 17.72 ug/l  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.001 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

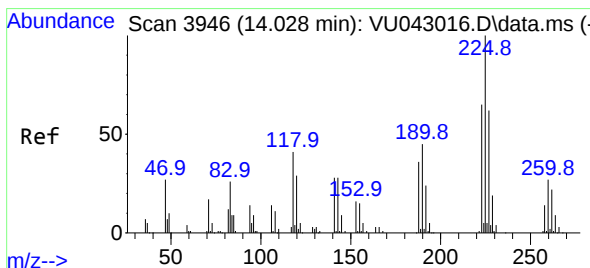
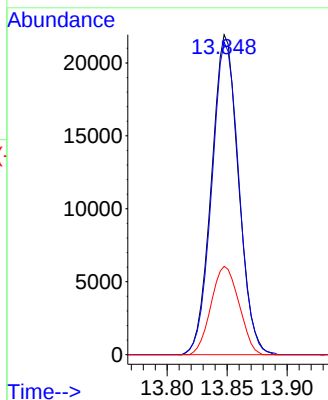
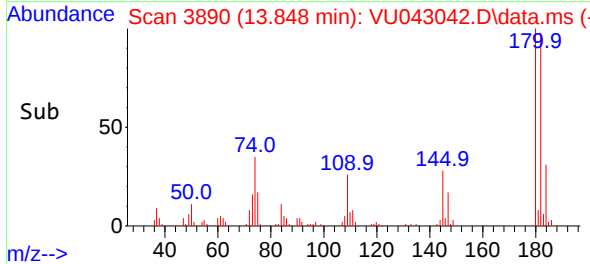
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01



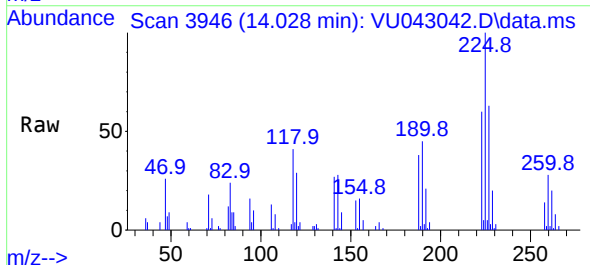
Tgt Ion:180 Resp: 34324  
Ion Ratio Lower Upper  
180 100  
182 97.9 46.9 140.8  
145 28.5 14.4 43.4

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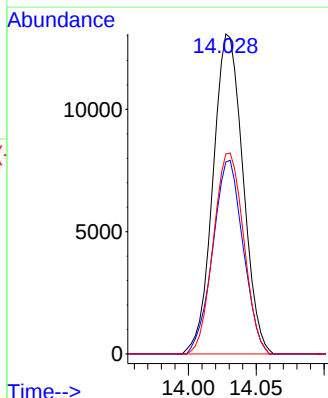
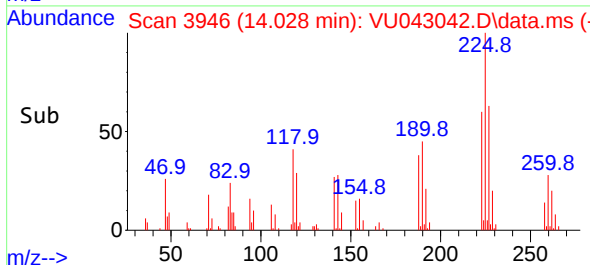
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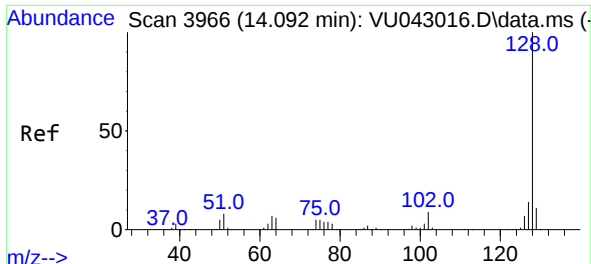


#94  
Hexachlorobutadiene  
Concen: 19.22 ug/l  
RT: 14.028 min Scan# 3946  
Delta R.T. -0.000 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33

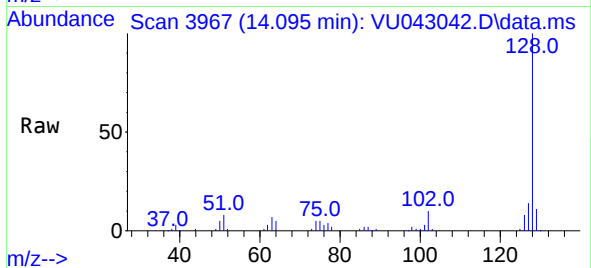


Tgt Ion:225 Resp: 20089  
Ion Ratio Lower Upper  
225 100  
223 61.2 32.3 96.9  
227 63.5 31.8 95.4

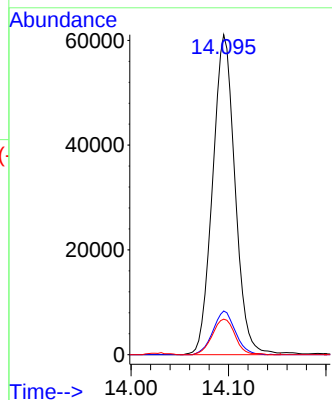
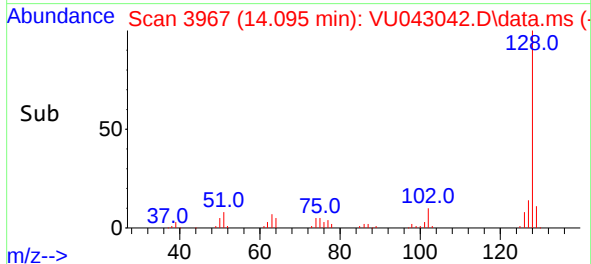




#95  
Naphthalene  
Concen: 16.93 ug/l  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



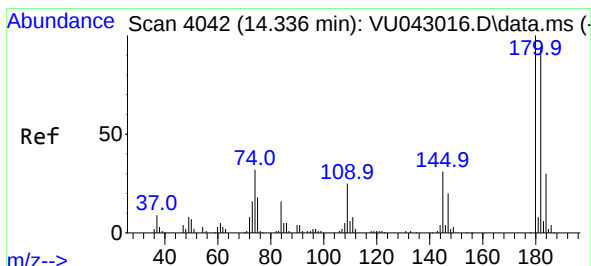
Tgt Ion:128 Resp: 97371  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.8 16.2  
129 11.3 8.6 13.0



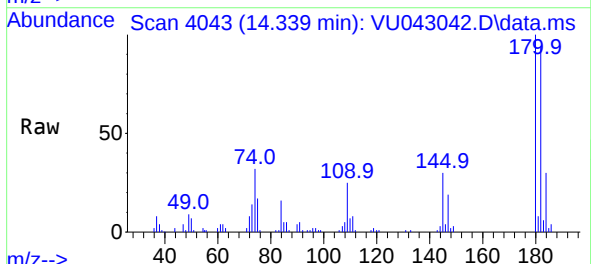
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU0413WBS01

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#96  
1,2,3-Trichlorobenzene  
Concen: 17.46 ug/l  
RT: 14.339 min Scan# 4043  
Delta R.T. 0.003 min  
Lab File: VU043042.D  
Acq: 13 Apr 2021 11:33



Tgt Ion:180 Resp: 32809  
Ion Ratio Lower Upper  
180 100  
182 98.6 48.0 144.0  
145 32.5 15.5 46.5

