

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110921\  
 Data File : VU045648.D  
 Acq On : 09 Nov 2021 10:19  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 22 07:29:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.375  | 168  | 146925   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.253  | 114  | 253098   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.420  | 117  | 242961   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.815 | 152  | 127066   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 94924    | 43.140   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 86.280%  |
| 35) Dibromofluoromethane    | 5.292  | 113   | 73268    | 43.359   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 86.720%  |
| 50) Toluene-d8              | 7.902  | 98    | 276311   | 43.974   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 87.940%# |
| 62) 4-Bromofluorobenzene    | 10.635 | 95    | 108746   | 43.159   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 86.320%  |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.385 | 85  | 91691   | 48.133  | ug/l | 100 |
| 3) Chloromethane             | 1.523 | 50  | 96698   | 44.365  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.604 | 62  | 103910  | 48.940  | ug/l | 100 |
| 5) Bromomethane              | 1.845 | 94  | 63000   | 53.198  | ug/l | 98  |
| 6) Chloroethane              | 1.928 | 64  | 62399   | 45.033  | ug/l | 98  |
| 7) Trichlorofluoromethane    | 2.137 | 101 | 135640  | 48.311  | ug/l | 98  |
| 8) Diethyl Ether             | 2.378 | 74  | 55111   | 49.587  | ug/l | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 2.581 | 101 | 80351   | 49.011  | ug/l | 98  |
| 10) Methyl Iodide            | 2.722 | 142 | 88608   | 41.301  | ug/l | 92  |
| 11) Tert butyl alcohol       | 3.176 | 59  | 102683  | 235.769 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 2.581 | 96  | 76595   | 47.385  | ug/l | 96  |
| 13) Acrolein                 | 2.485 | 56  | 13880   | 219.923 | ug/l | 99  |
| 14) Allyl chloride           | 2.925 | 41  | 138242  | 47.897  | ug/l | 98  |
| 15) Acrylonitrile            | 3.314 | 53  | 279634  | 240.483 | ug/l | 99  |
| 16) Acetone                  | 2.623 | 43  | 297279  | 265.405 | ug/l | 100 |
| 17) Carbon Disulfide         | 2.793 | 76  | 200759  | 44.341  | ug/l | 99  |
| 18) Methyl Acetate           | 2.948 | 43  | 179151  | 46.959  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 3.366 | 73  | 287755  | 49.455  | ug/l | 97  |
| 20) Methylene Chloride       | 3.047 | 84  | 92012   | 47.276  | ug/l | 98  |
| 21) trans-1,2-Dichloroethene | 3.356 | 96  | 84067   | 49.991  | ug/l | 94  |
| 22) Diisopropyl ether        | 3.996 | 45  | 282376  | 49.826  | ug/l | 94  |
| 23) Vinyl Acetate            | 3.957 | 43  | 1101532 | 252.719 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 3.874 | 63  | 165129  | 48.896  | ug/l | 99  |
| 25) 2-Butanone               | 4.700 | 43  | 395425  | 254.533 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 4.668 | 77  | 140816  | 50.319  | ug/l | 98  |
| 27) cis-1,2-Dichloroethene   | 4.671 | 96  | 97838   | 49.535  | ug/l | 99  |
| 28) Bromochloromethane       | 4.976 | 49  | 69024   | 42.871  | ug/l | 96  |
| 29) Tetrahydrofuran          | 5.050 | 42  | 227319  | 239.216 | ug/l | 100 |
| 30) Chloroform               | 5.092 | 83  | 165542  | 49.564  | ug/l | 98  |
| 31) Cyclohexane              | 5.391 | 56  | 147862  | 46.055  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 5.320 | 97  | 141856  | 49.805  | ug/l | 97  |
| 36) 1,1-Dichloropropene      | 5.529 | 75  | 121137  | 49.085  | ug/l | 99  |
| 37) Ethyl Acetate            | 4.803 | 43  | 136715  | 48.226  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.529 | 117 | 119966  | 48.217  | ug/l | 98  |
| 39) Methylcyclohexane        | 6.767 | 83  | 149826  | 49.486  | ug/l | 97  |
| 40) Benzene                  | 5.777 | 78  | 352957  | 48.307  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Nov 22 07:29:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 76271    | 50.910  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.796  | 62   | 131236   | 49.726  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.912  | 43   | 212834   | 49.084  | ug/l   | 99       |
| 44) Trichloroethene           | 6.545  | 130  | 88161    | 50.408  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 96751    | 50.044  | ug/l   | 96       |
| 46) Dibromomethane            | 6.922  | 93   | 66377    | 49.551  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 129126   | 50.802  | ug/l   | 96       |
| 48) Methyl methacrylate       | 6.960  | 41   | 100434   | 50.323  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.963  | 88   | 50828    | 990.325 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 707855   | 247.472 | ug/l   | 99       |
| 52) Toluene                   | 7.973  | 92   | 225426   | 50.394  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.214  | 75   | 147696   | 50.561  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 160998   | 51.890  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 8.404  | 97   | 93652    | 50.515  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.336  | 69   | 151752   | 45.847  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 164757   | 49.341  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 350398   | 205.296 | ug/l   | 100      |
| 59) 2-Hexanone                | 8.687  | 43   | 561903   | 226.496 | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.815  | 129  | 98667    | 51.110  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.928  | 107  | 99366    | 49.973  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.558  | 164  | 72428    | 51.939  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.449  | 112  | 238390   | 49.952  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 9.539  | 131  | 85066    | 49.978  | ug/l   | 100      |
| 67) Ethyl Benzene             | 9.574  | 91   | 441122   | 51.615  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.696  | 106  | 340492   | 105.639 | ug/l   | 99       |
| 69) o-Xylene                  | 10.105 | 106  | 164313   | 52.436  | ug/l   | 100      |
| 70) Styrene                   | 10.118 | 104  | 280171   | 52.850  | ug/l   | 99       |
| 71) Bromoform                 | 10.295 | 173  | 72654    | 45.401  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.487 | 105  | 439788   | 52.971  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.323 | 43   | 190746   | 50.928  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 10.786 | 83   | 159599   | 48.519  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.828 | 75   | 184068   | 47.768  | ug/l   | 93       |
| 77) Bromobenzene              | 10.786 | 156  | 102399   | 50.799  | ug/l   | 97       |
| 78) n-propylbenzene           | 10.909 | 91   | 536336   | 51.904  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 312402   | 51.172  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 378808   | 52.222  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 51705    | 44.318  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.098 | 91   | 367097   | 51.273  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 361565   | 52.289  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.471 | 105  | 381035   | 52.853  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.648 | 105  | 475069   | 51.803  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 399535   | 52.135  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 199939   | 49.160  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.841 | 146  | 202983   | 49.346  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.211 | 91   | 381771   | 51.716  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.481 | 117  | 67843    | 49.074  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 196465   | 49.650  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 37814    | 48.719  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.844 | 180  | 136641   | 49.942  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.024 | 225  | 51581    | 43.675  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 488264   | 47.522  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.333 | 180  | 137968   | 50.769  | ug/l   | 100      |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Quant Time: Nov 22 07:29:40 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

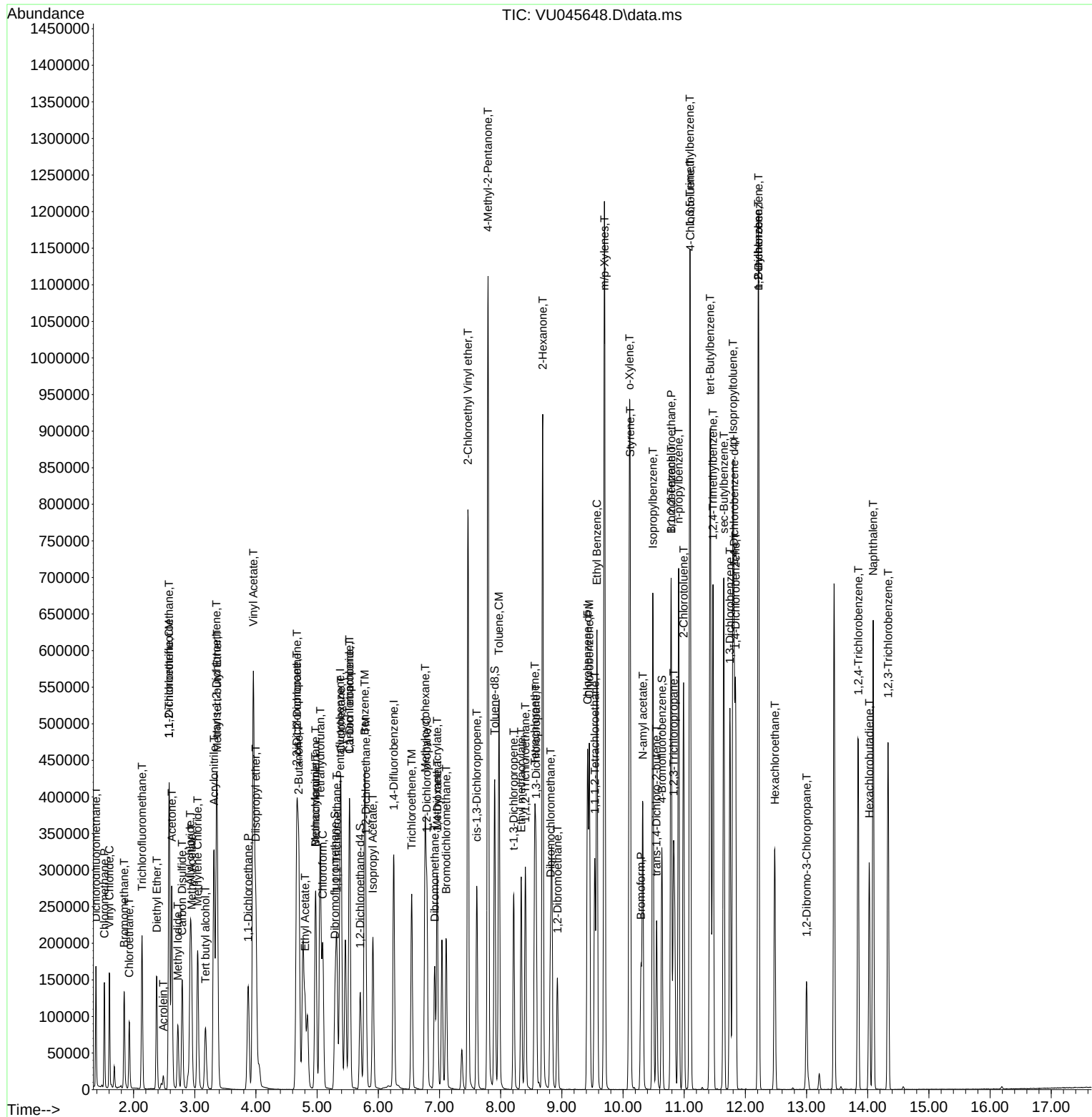
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

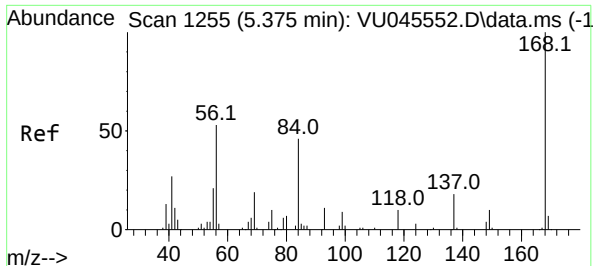
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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

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Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

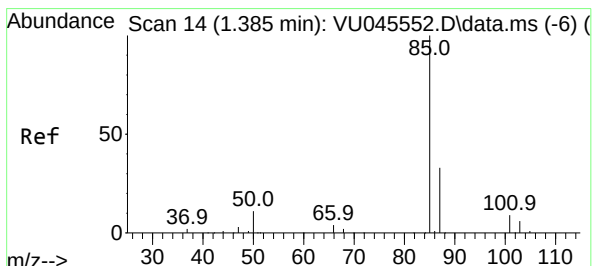
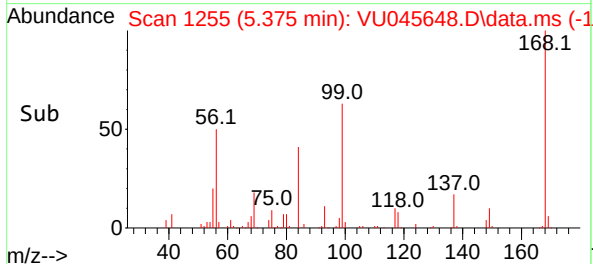
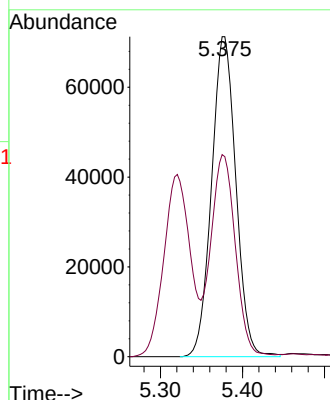
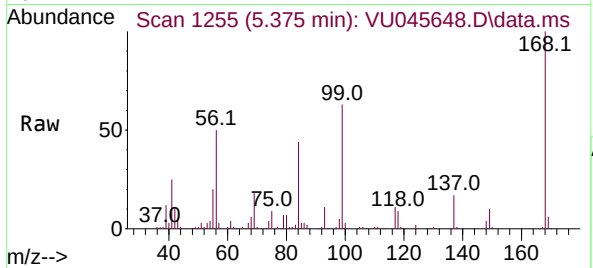




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

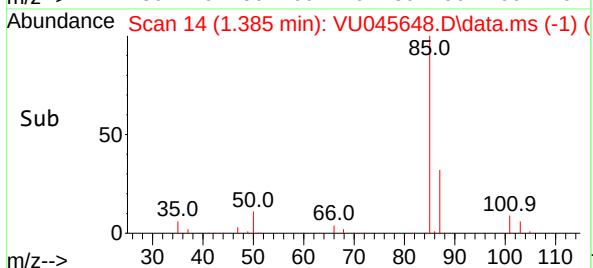
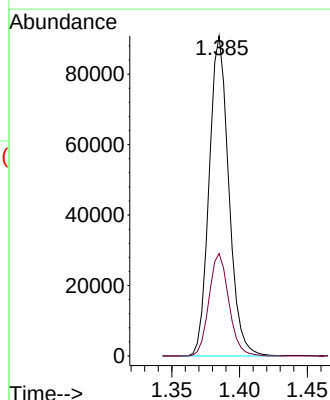
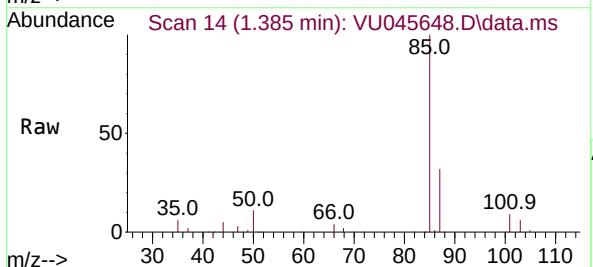
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

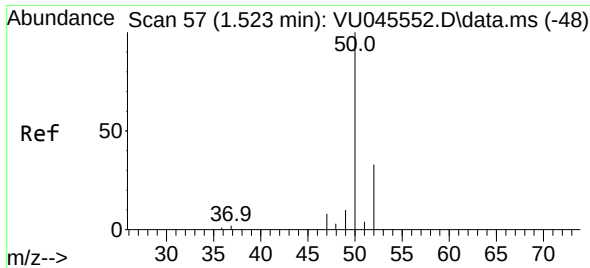
Tgt Ion:168 Resp: 146925  
Ion Ratio Lower Upper  
168 100  
99 62.5 51.0 76.6



#2  
Dichlorodifluoromethane  
Concen: 48.133 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 85 Resp: 91691  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.9 47.7

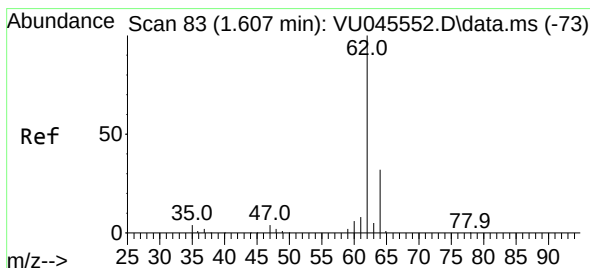
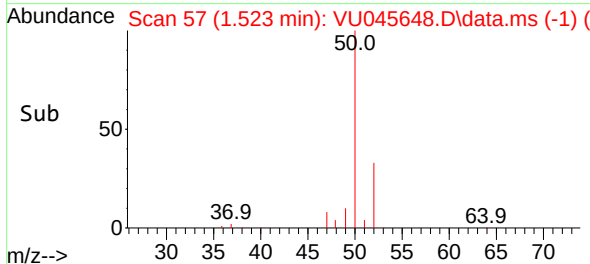
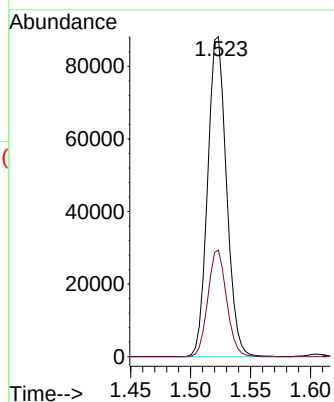
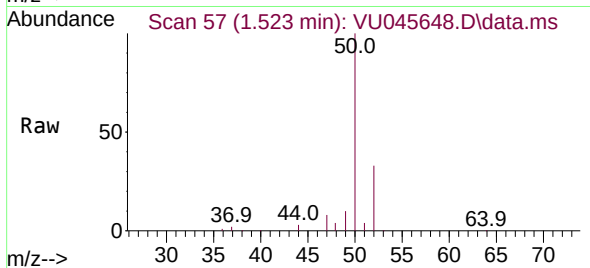




#3  
Chloromethane  
Concen: 44.365 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

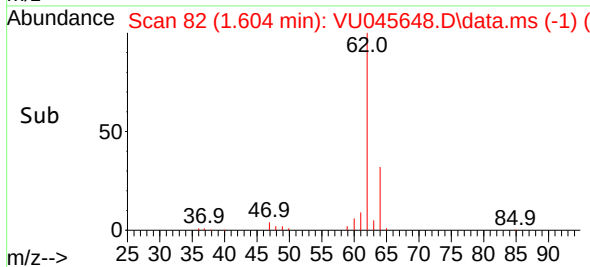
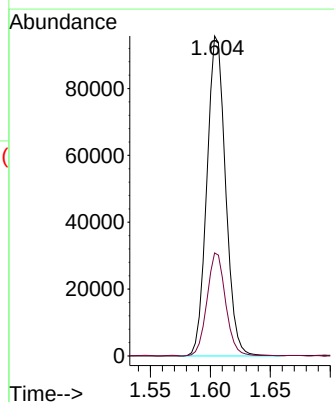
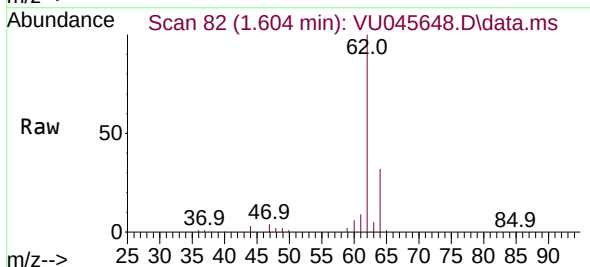
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

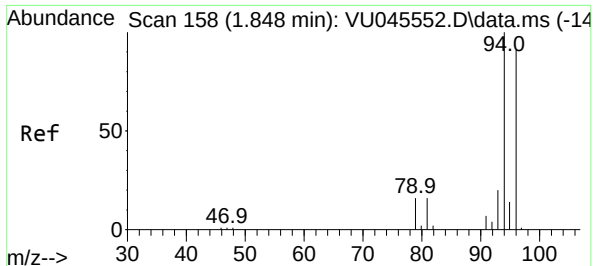
Tgt Ion: 50 Resp: 96698  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.6 40.0



#4  
Vinyl Chloride  
Concen: 48.940 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 62 Resp: 103910  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.8 38.6

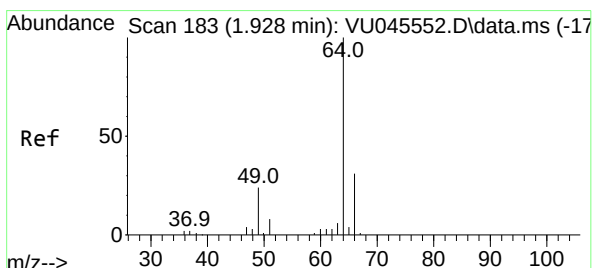
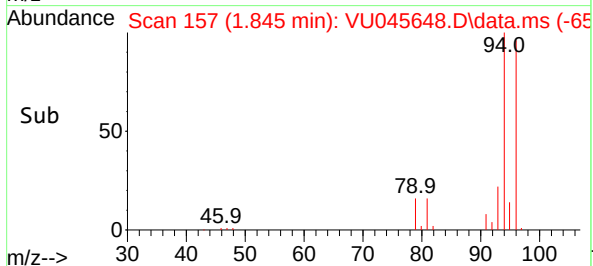
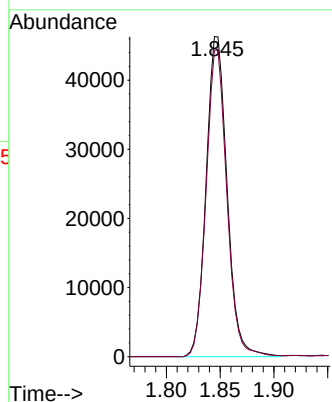
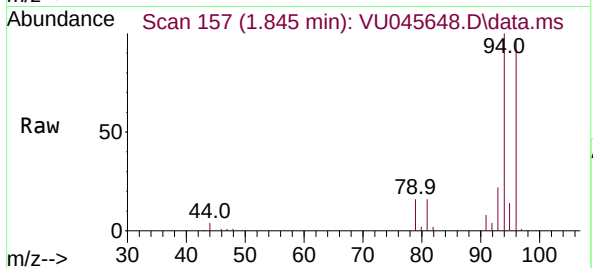




#5  
Bromomethane  
Concen: 53.198 ug/l  
RT: 1.845 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

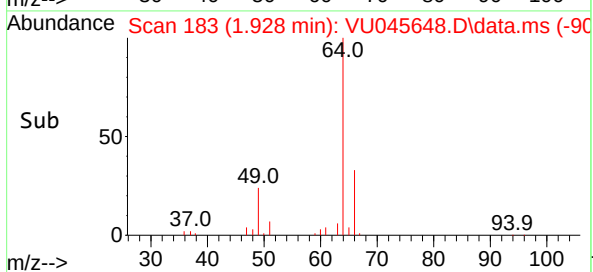
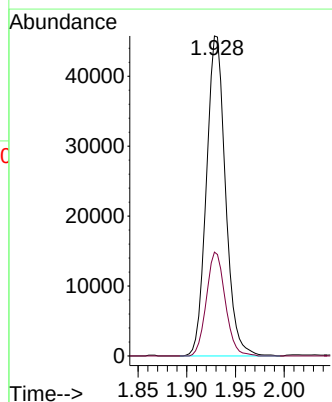
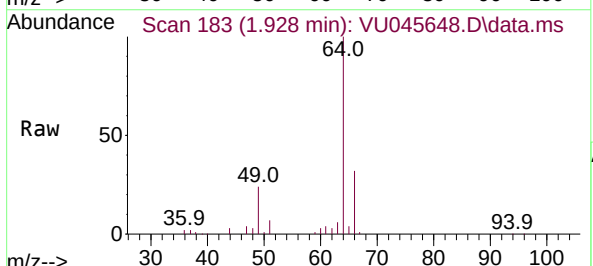
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

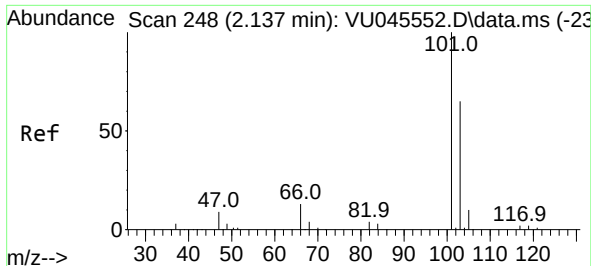
Tgt Ion: 94 Resp: 63000  
Ion Ratio Lower Upper  
94 100  
96 95.8 75.4 113.2



#6  
Chloroethane  
Concen: 45.033 ug/l  
RT: 1.928 min Scan# 183  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 64 Resp: 62399  
Ion Ratio Lower Upper  
64 100  
66 32.5 26.7 40.1

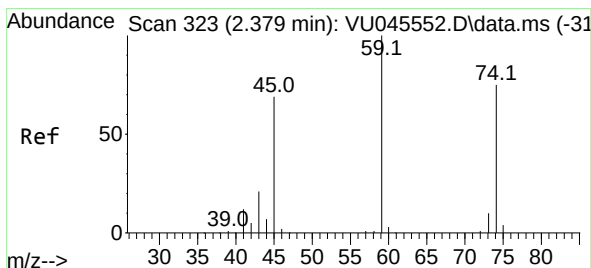
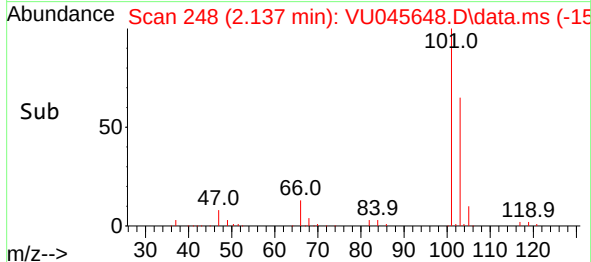
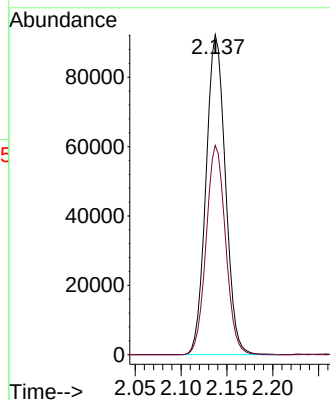
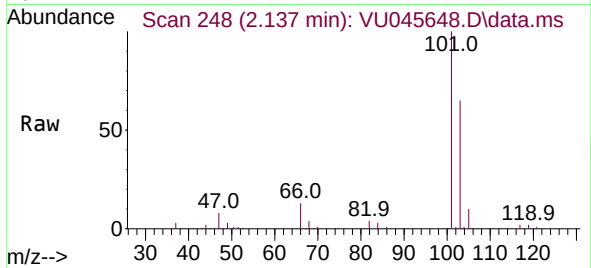




#7  
 Trichlorofluoromethane  
 Concen: 48.311 ug/l  
 RT: 2.137 min Scan# 248  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

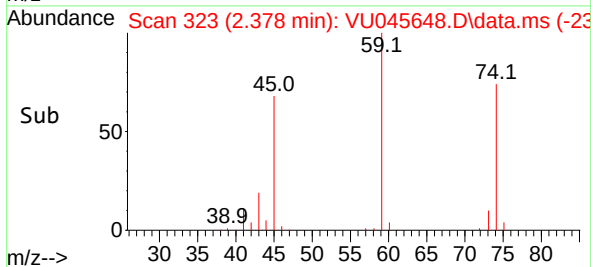
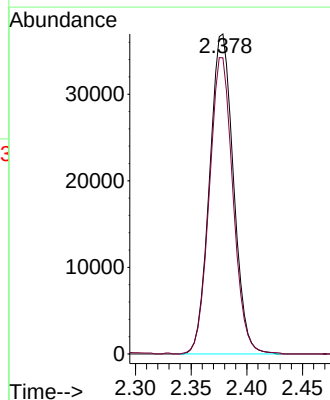
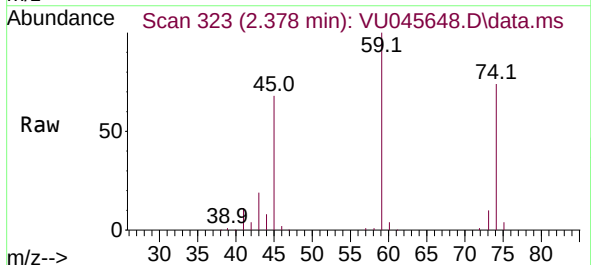
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 135640  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 51.4 77.0

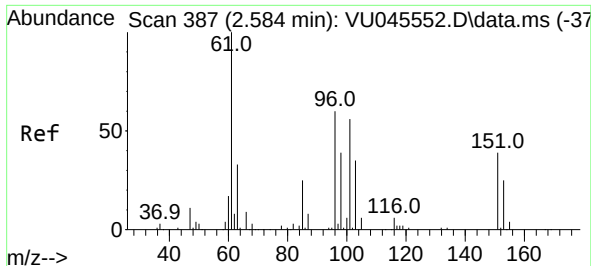


#8  
 Diethyl Ether  
 Concen: 49.587 ug/l  
 RT: 2.378 min Scan# 323  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

Tgt Ion: 74 Resp: 55111  
 Ion Ratio Lower Upper  
 74 100  
 45 91.8 47.3 141.8



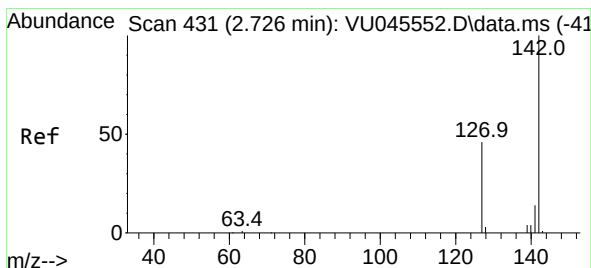
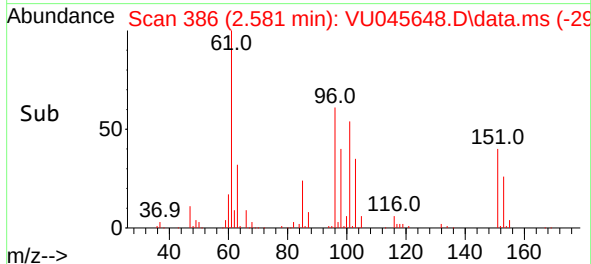
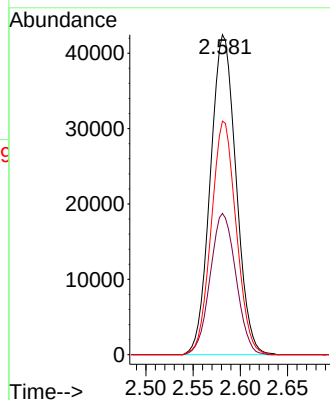
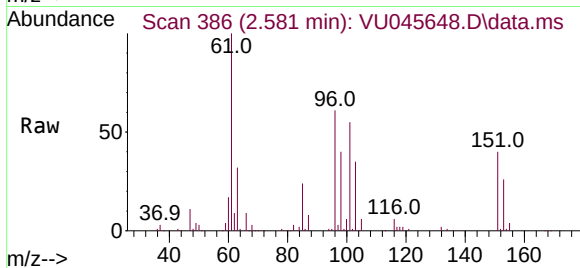




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.011 ug/l  
RT: 2.581 min Scan# 387  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

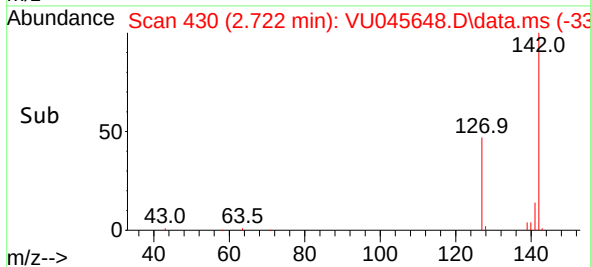
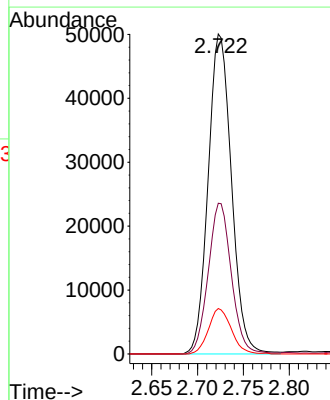
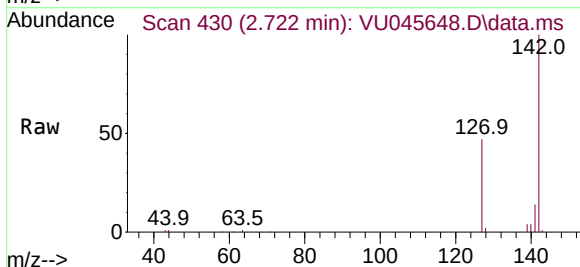
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

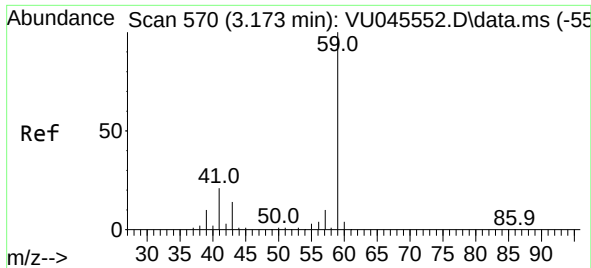
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 80351 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.2  | 35.0  | 52.4  |
| 151       | 70.9  | 54.6  | 82.0  |



#10  
Methyl Iodide  
Concen: 41.301 ug/l  
RT: 2.722 min Scan# 430  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 88608 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.6  | 32.2  | 48.2  |
| 141       | 14.0  | 11.3  | 16.9  |

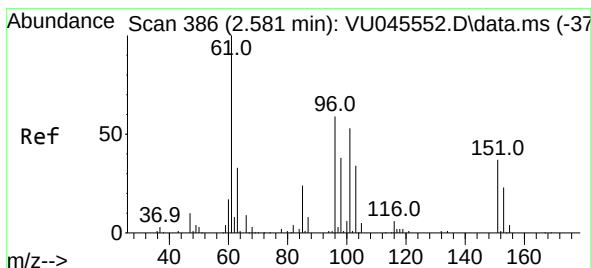
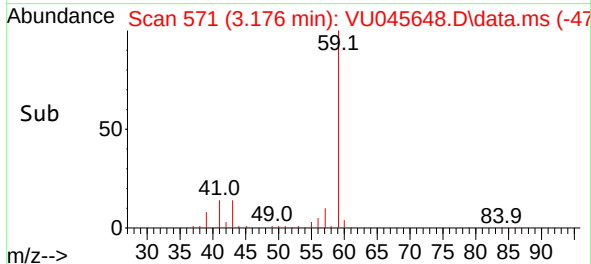
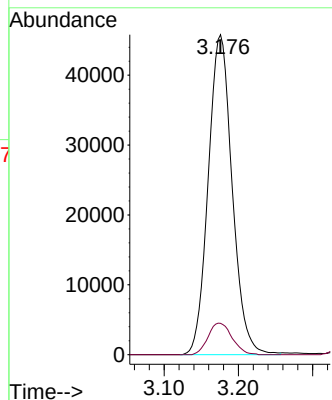
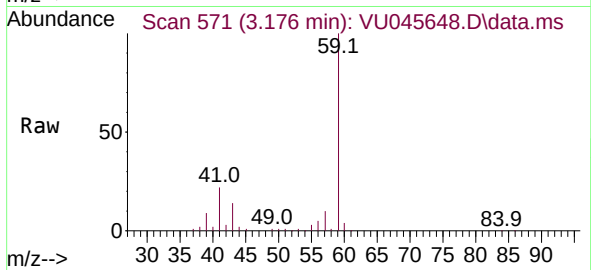




#11  
Tert butyl alcohol  
Concen: 235.769 ug/l  
RT: 3.176 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

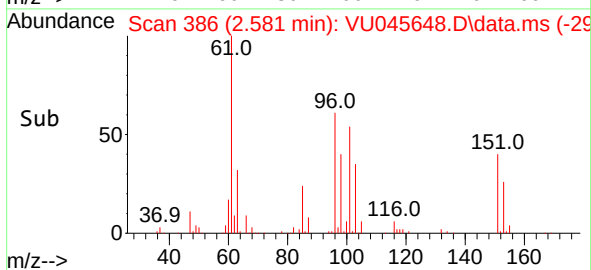
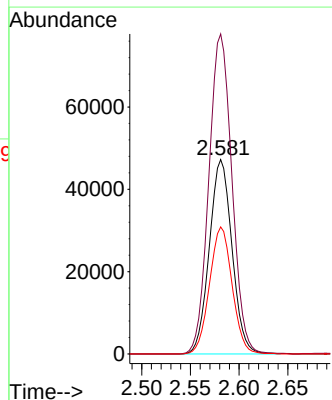
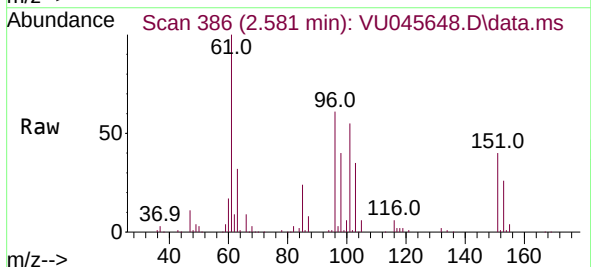
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

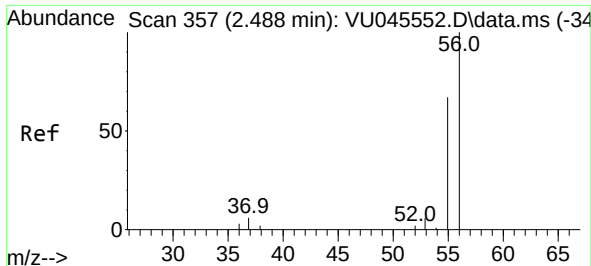
Tgt Ion: 59 Resp: 102683  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 47.385 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 96 Resp: 76595  
Ion Ratio Lower Upper  
96 100  
61 164.6 137.1 205.7  
98 65.3 51.5 77.3

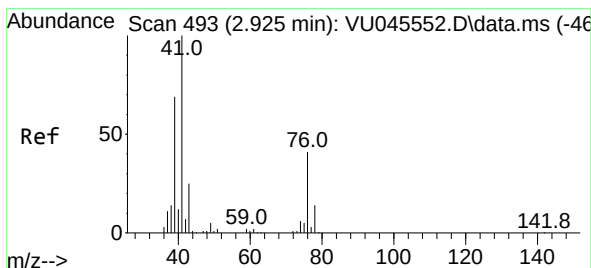
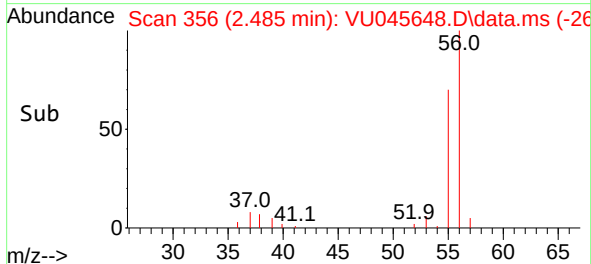
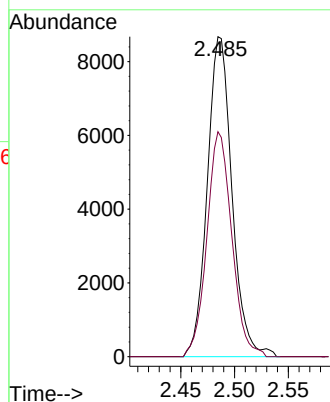
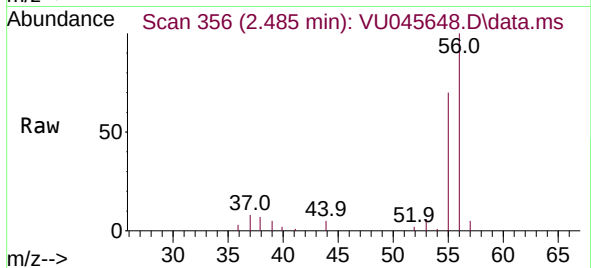




#13  
Acrolein  
Concen: 219.923 ug/l  
RT: 2.485 min Scan# 356  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

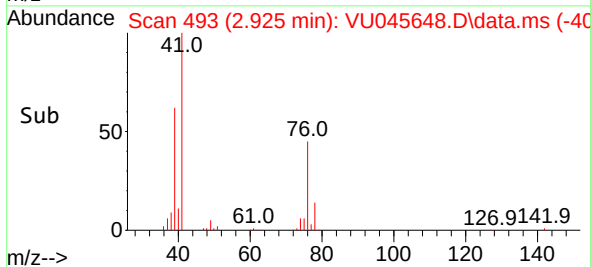
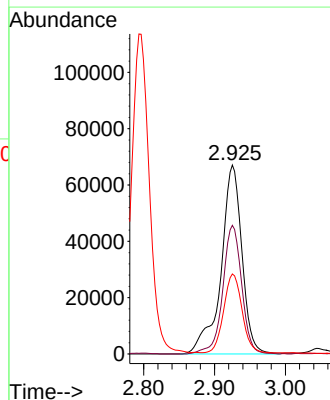
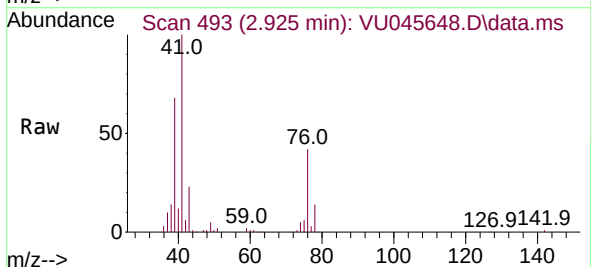
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

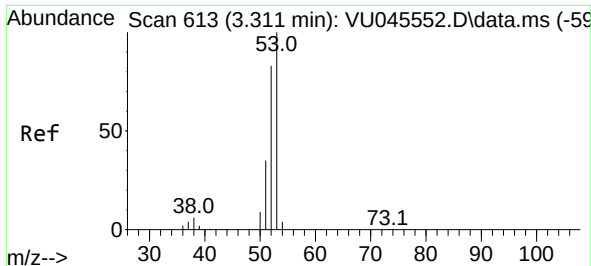
Tgt Ion: 56 Resp: 13880  
Ion Ratio Lower Upper  
56 100  
55 70.9 56.3 84.5



#14  
Allyl chloride  
Concen: 47.897 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 41 Resp: 138242  
Ion Ratio Lower Upper  
41 100  
39 61.2 49.7 74.5  
76 36.7 27.7 41.5

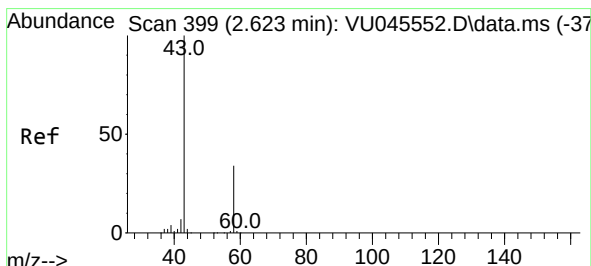
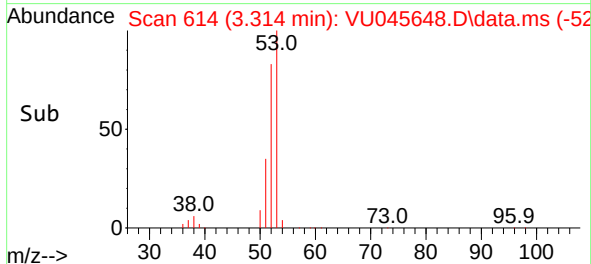
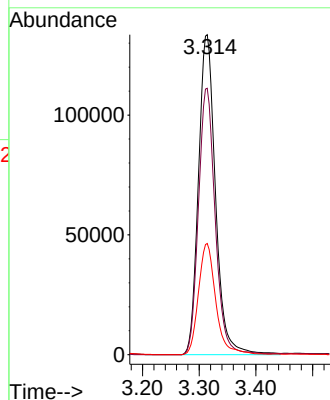
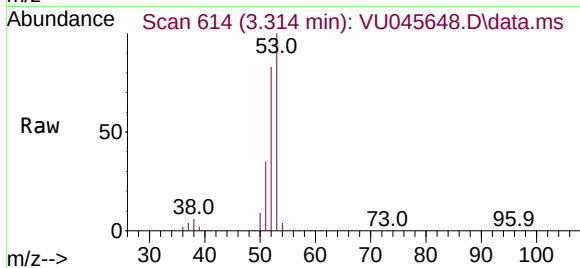




#15  
Acrylonitrile  
Concen: 240.483 ug/l  
RT: 3.314 min Scan# 613  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

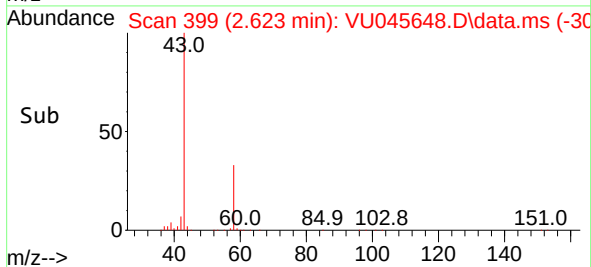
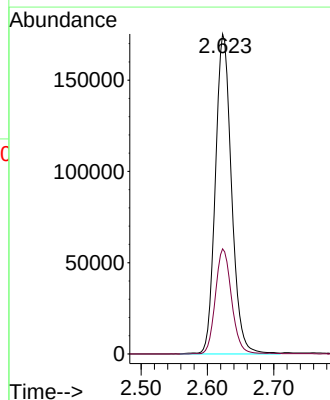
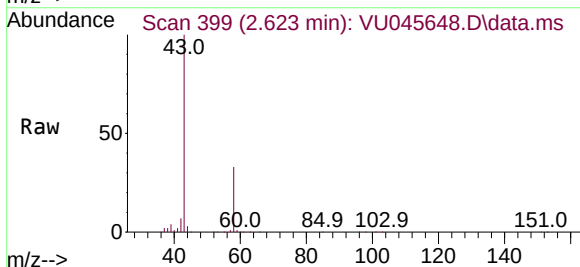
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

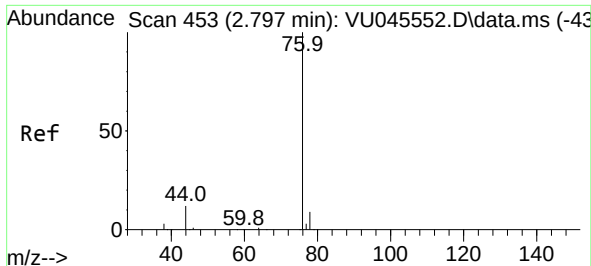
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 279634 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.9  | 66.6  | 100.0  |
| 51       | 35.4  | 28.4  | 42.6   |



#16  
Acetone  
Concen: 265.405 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 297279 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.8  | 26.2  | 39.2   |

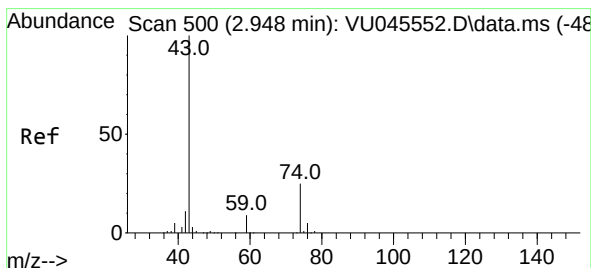
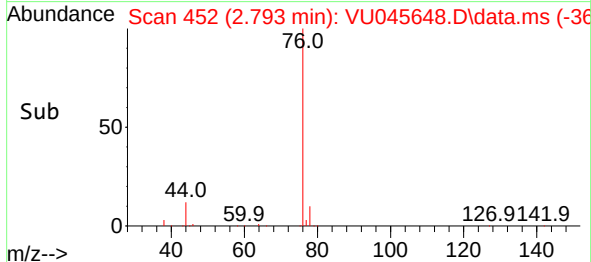
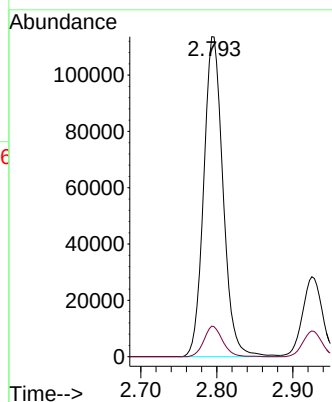
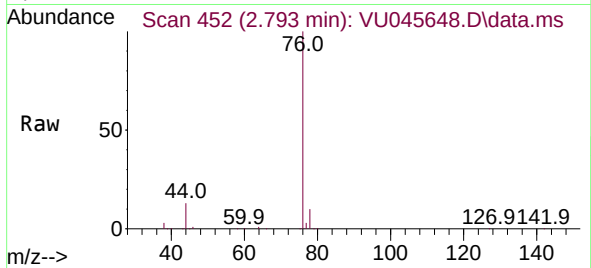




#17  
Carbon Disulfide  
Concen: 44.341 ug/l  
RT: 2.793 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

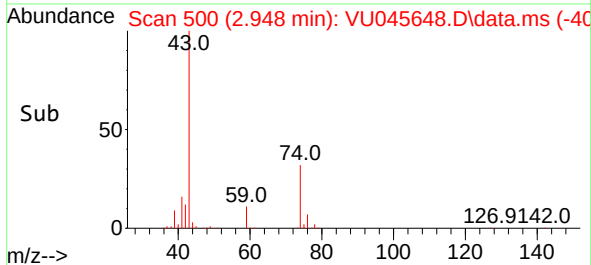
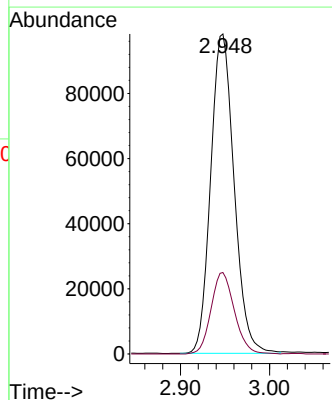
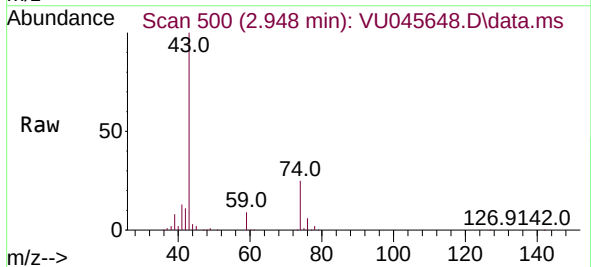
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

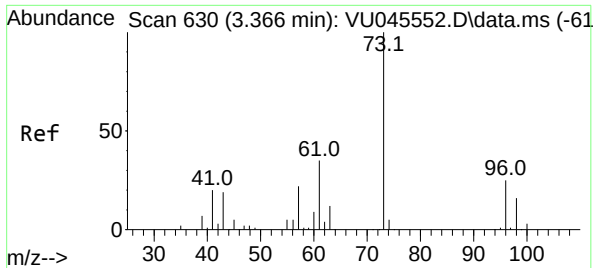
Tgt Ion: 76 Resp: 200759  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.3 10.9



#18  
Methyl Acetate  
Concen: 46.959 ug/l  
RT: 2.948 min Scan# 500  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 43 Resp: 179151  
Ion Ratio Lower Upper  
43 100  
74 25.4 20.2 30.2

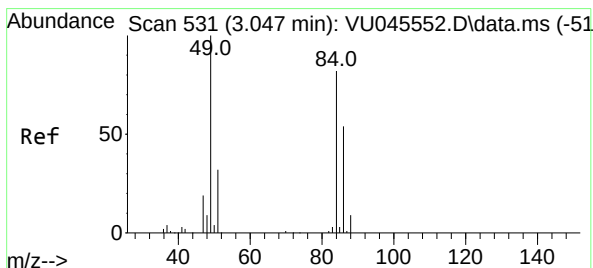
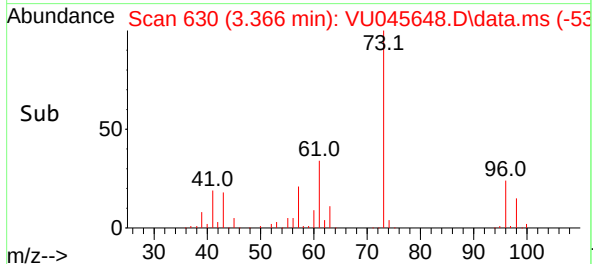
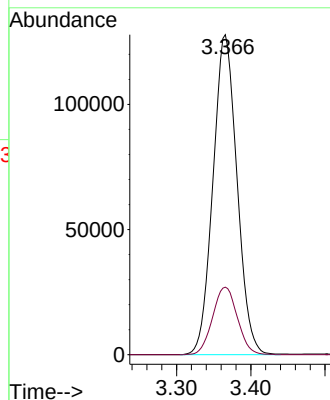
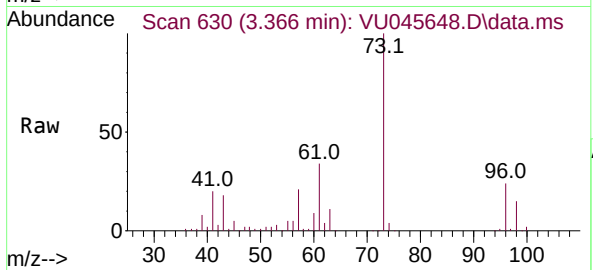




#19  
Methyl tert-butyl Ether  
Concen: 49.455 ug/l  
RT: 3.366 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

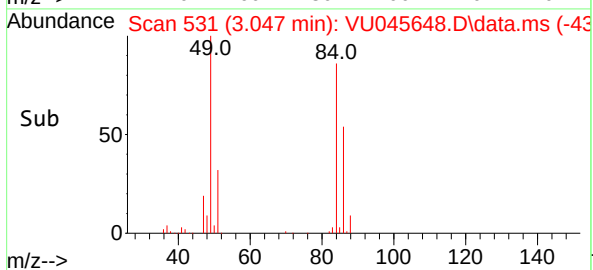
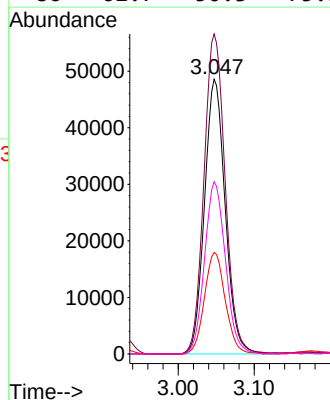
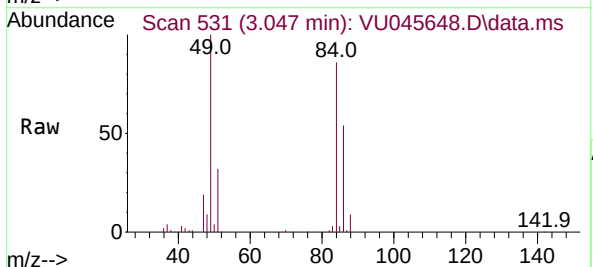
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

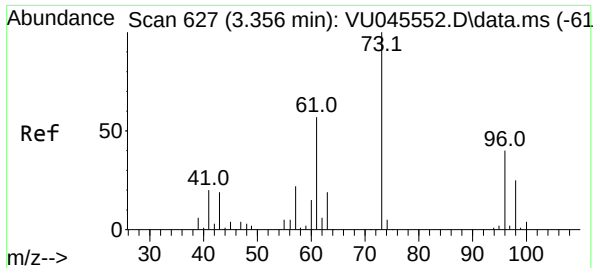
Tgt Ion: 73 Resp: 287755  
Ion Ratio Lower Upper  
73 100  
57 21.1 18.1 27.1



#20  
Methylene Chloride  
Concen: 47.276 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 84 Resp: 92012  
Ion Ratio Lower Upper  
84 100  
49 116.5 96.4 144.6  
51 36.9 30.5 45.7  
86 62.7 50.3 75.5

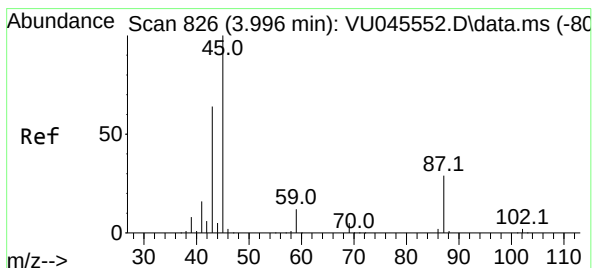
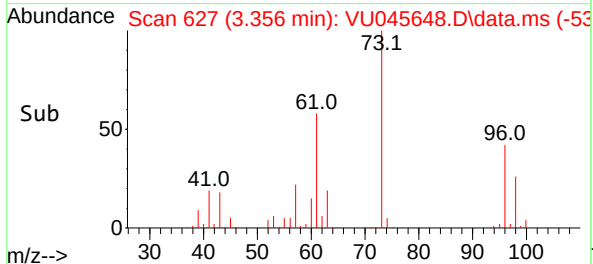
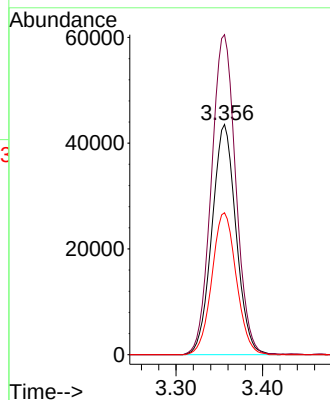
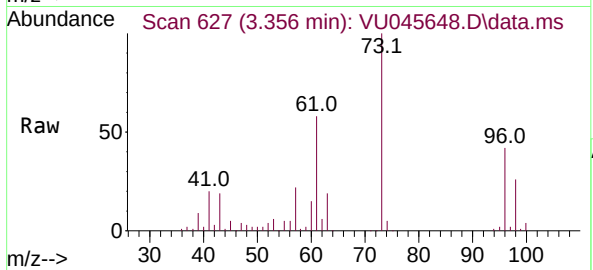




#21  
trans-1,2-Dichloroethene  
Concen: 49.991 ug/l  
RT: 3.356 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

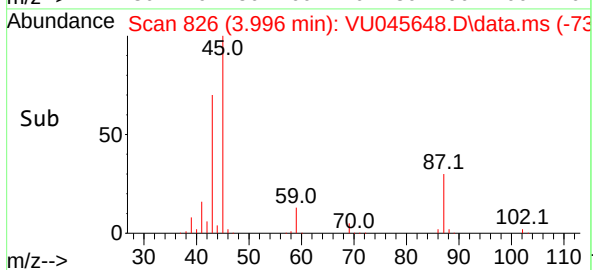
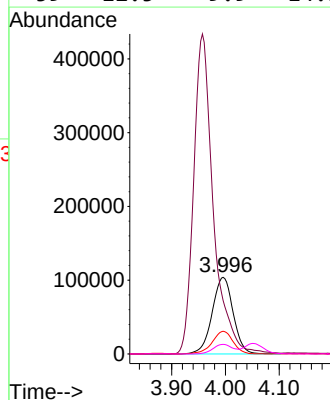
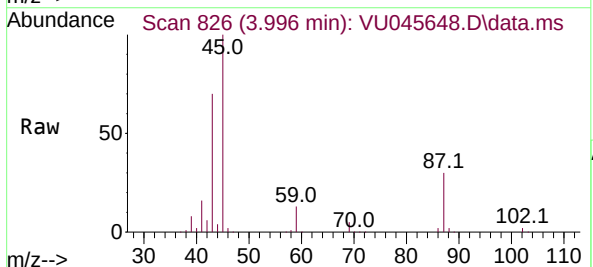
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

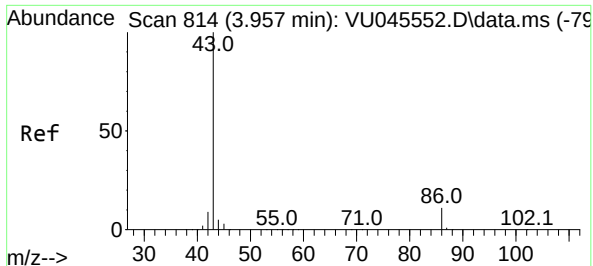
Tgt Ion: 96 Resp: 84067  
Ion Ratio Lower Upper  
96 100  
61 139.0 118.2 177.4  
98 61.7 52.1 78.1



#22  
Diisopropyl ether  
Concen: 49.826 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 45 Resp: 282376  
Ion Ratio Lower Upper  
45 100  
43 68.7 60.0 90.0  
87 29.5 22.3 33.5  
59 12.5 9.9 14.9

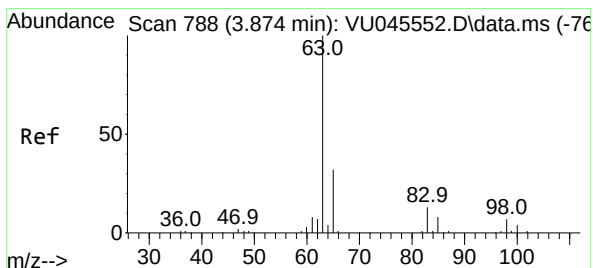
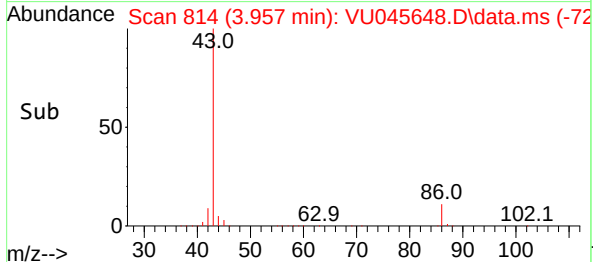
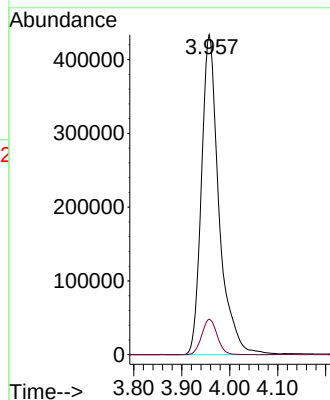
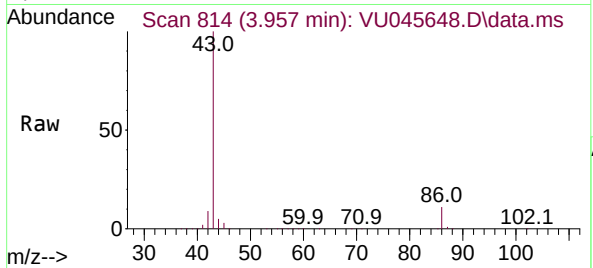




#23  
 Vinyl Acetate  
 Concen: 252.719 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

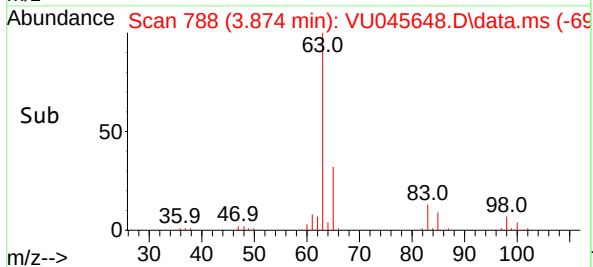
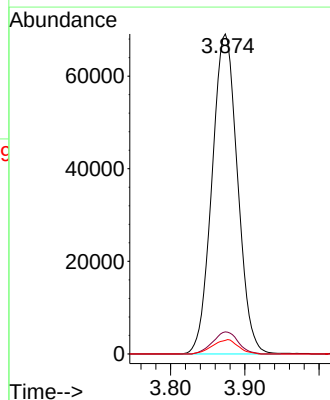
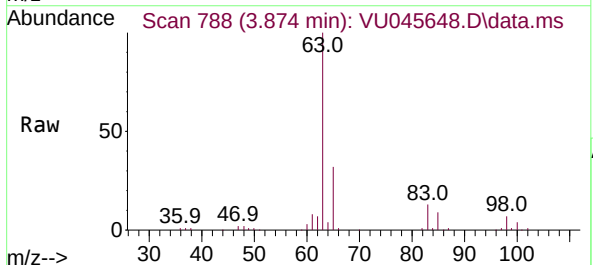
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1101532  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3

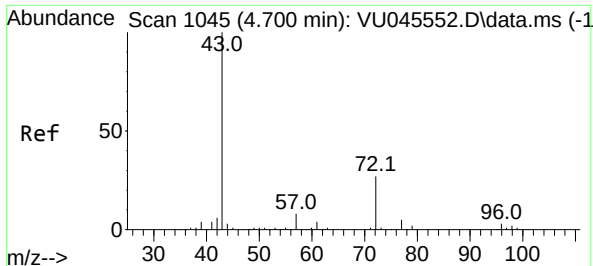


#24  
 1,1-Dichloroethane  
 Concen: 48.896 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

Tgt Ion: 63 Resp: 165129  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.5 10.6  
 100 4.3 2.4 7.2







#25

2-Butanone

Concen: 254.533 ug/l

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

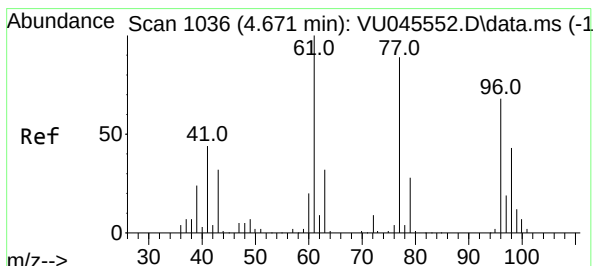
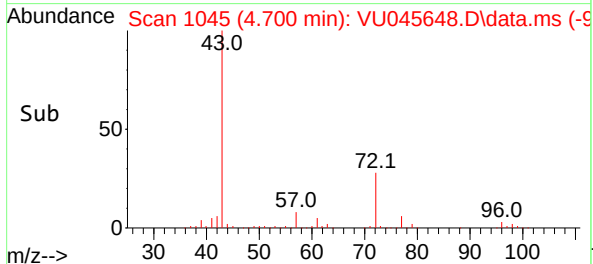
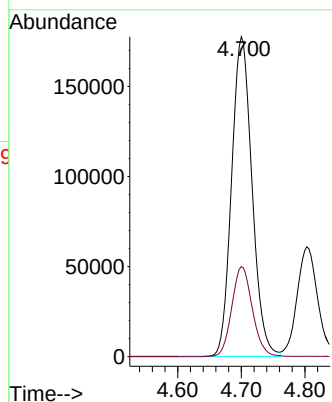
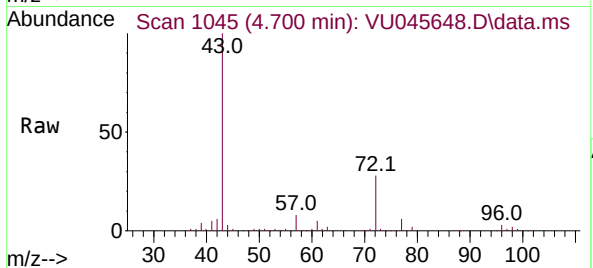
VSTDCCC050

Tgt Ion: 43 Resp: 395425

Ion Ratio Lower Upper

43 100

72 28.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 50.319 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045648.D

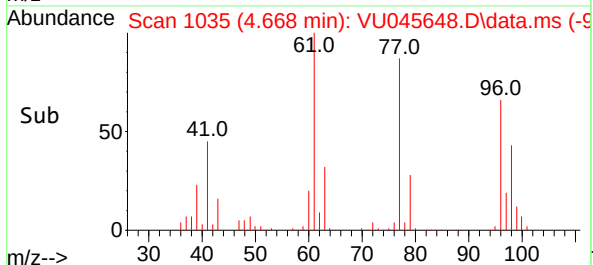
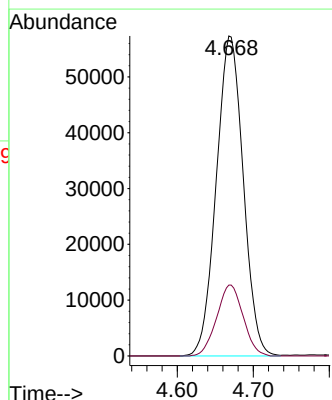
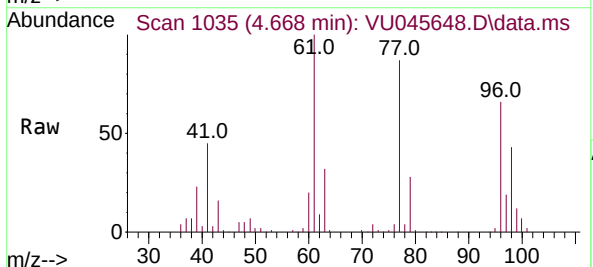
Acq: 09 Nov 2021 10:19

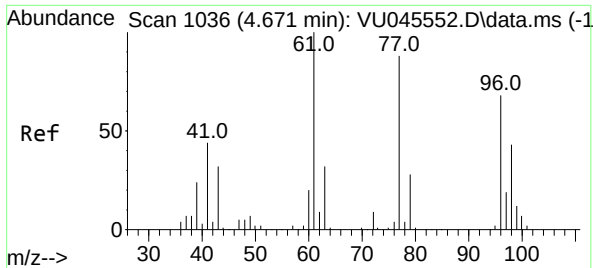
Tgt Ion: 77 Resp: 140816

Ion Ratio Lower Upper

77 100

97 21.8 11.4 34.1

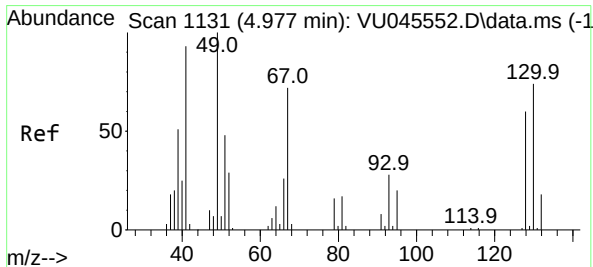
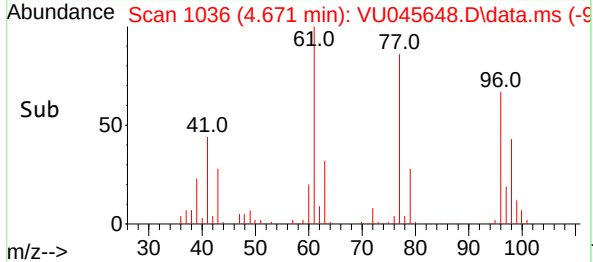
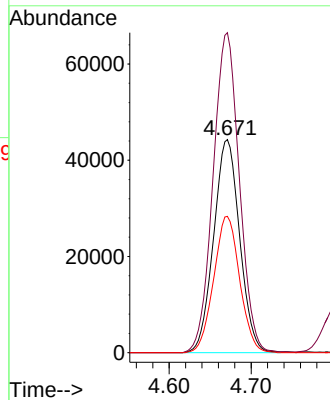
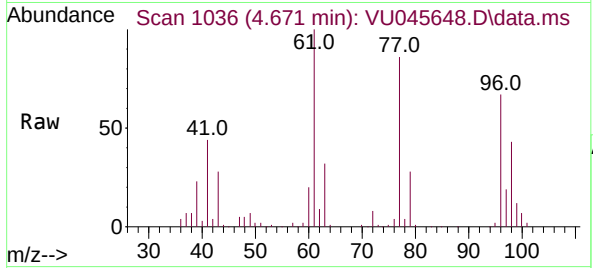




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.535 ug/l  
 RT: 4.671 min Scan# 1036  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

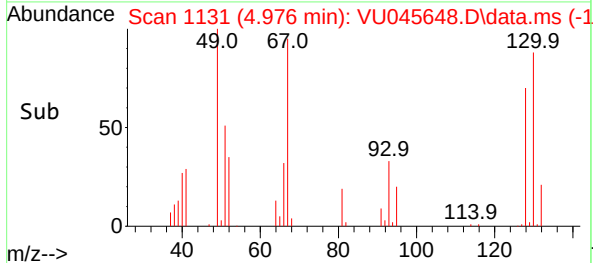
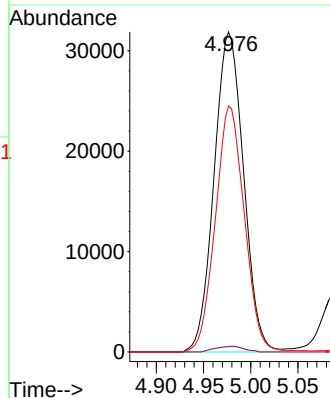
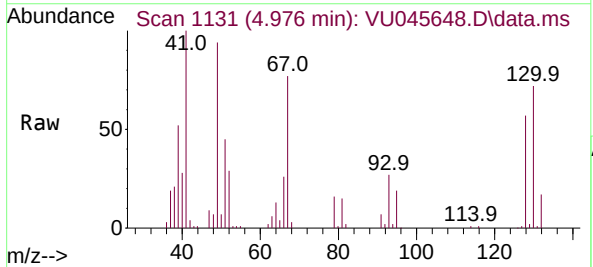
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050

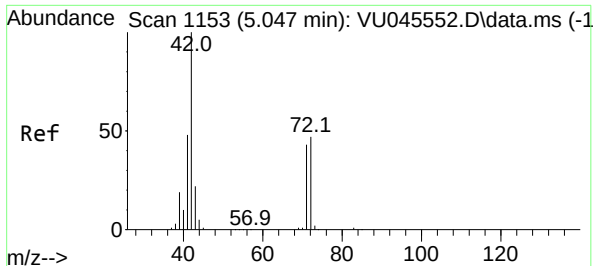
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 97838 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 151.5    | 0.0 299.2   |
| 98 63.8     | 0.0 127.6   |



#28  
 Bromochloromethane  
 Concen: 42.871 ug/l  
 RT: 4.976 min Scan# 1131  
 Delta R.T. -0.000 min  
 Lab File: VU045648.D  
 Acq: 09 Nov 2021 10:19

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 69024 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.7     | 0.0 3.4     |
| 130 75.6    | 57.5 86.3   |

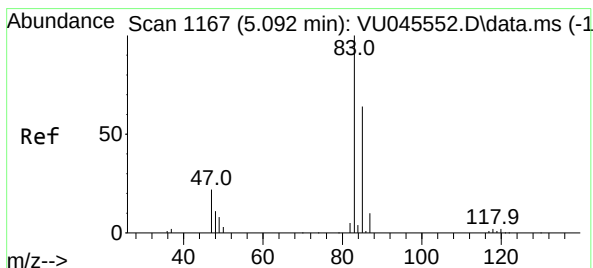
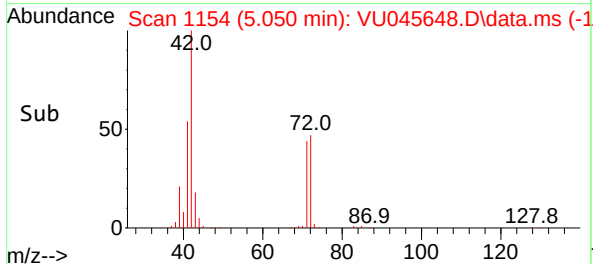
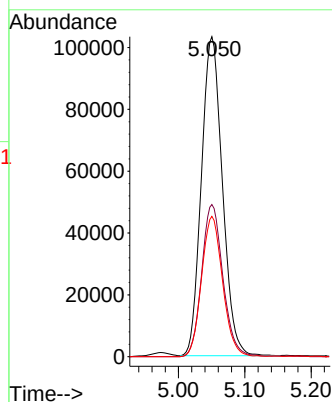
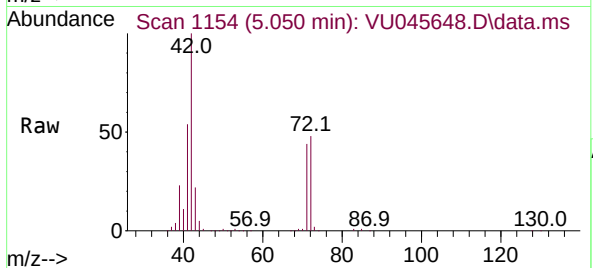




#29  
Tetrahydrofuran  
Concen: 239.216 ug/l  
RT: 5.050 min Scan# 1153  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

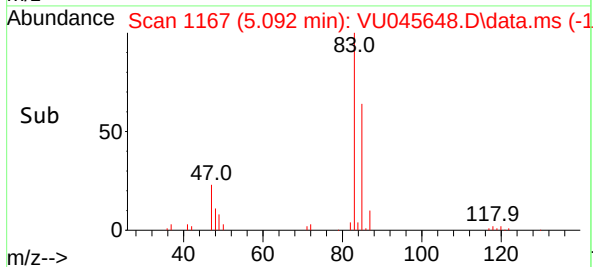
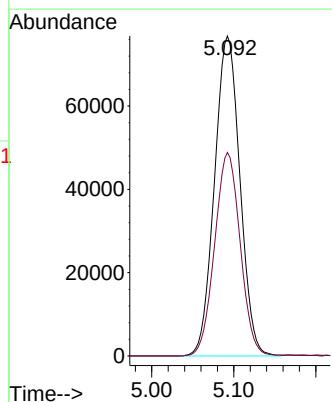
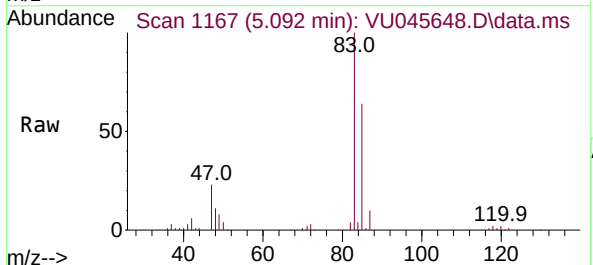
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

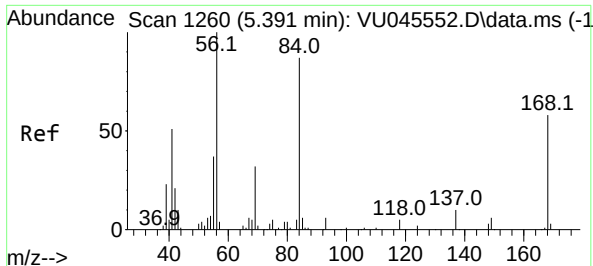
Tgt Ion: 42 Resp: 227319  
Ion Ratio Lower Upper  
42 100  
72 48.2 38.2 57.4  
71 44.1 35.4 53.2



#30  
Chloroform  
Concen: 49.564 ug/l  
RT: 5.092 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 83 Resp: 165542  
Ion Ratio Lower Upper  
83 100  
85 63.6 52.0 78.0

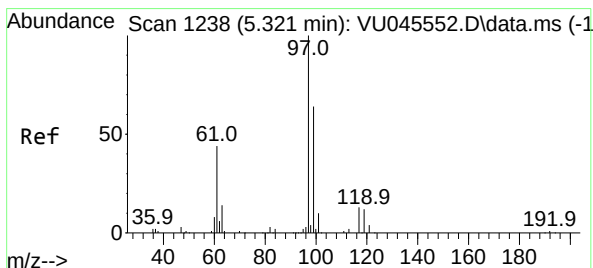
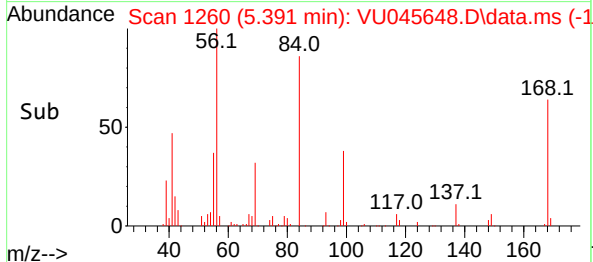
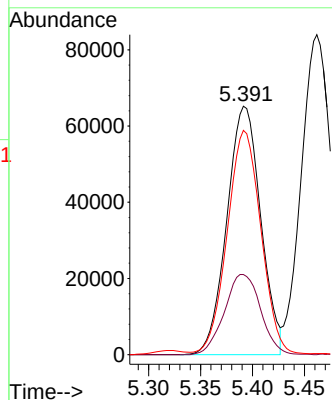
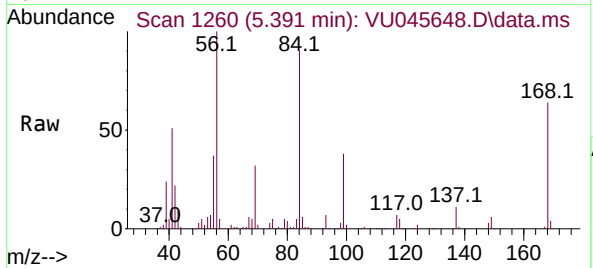




#31  
Cyclohexane  
Concen: 46.055 ug/l  
RT: 5.391 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

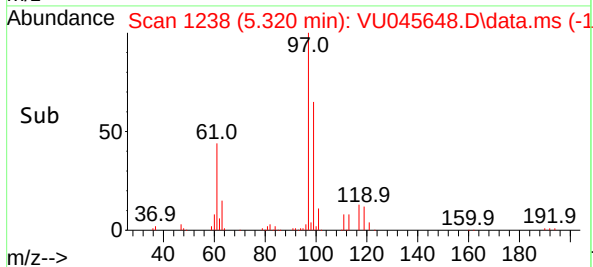
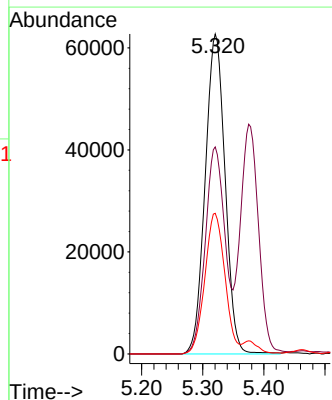
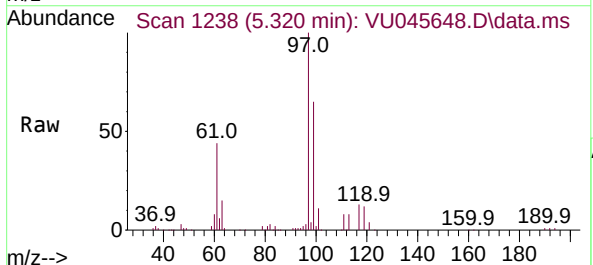
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

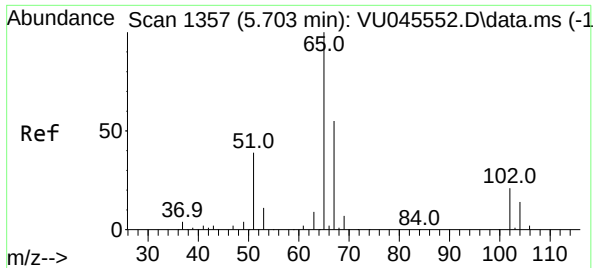
Tgt Ion: 56 Resp: 147862  
Ion Ratio Lower Upper  
56 100  
69 32.3 26.4 39.6  
84 89.0 68.4 102.6



#32  
1,1,1-Trichloroethane  
Concen: 49.805 ug/l  
RT: 5.320 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 97 Resp: 141856  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.8 76.2  
61 44.5 38.3 57.5

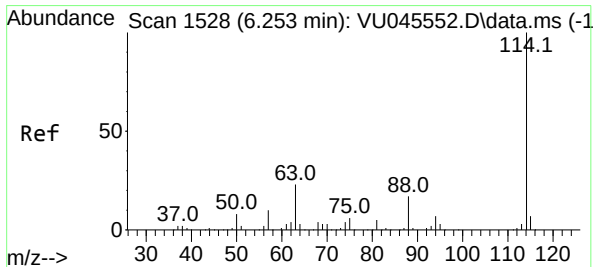
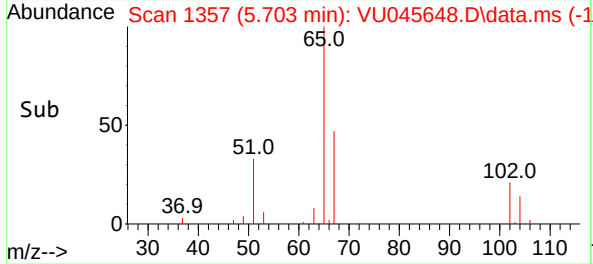
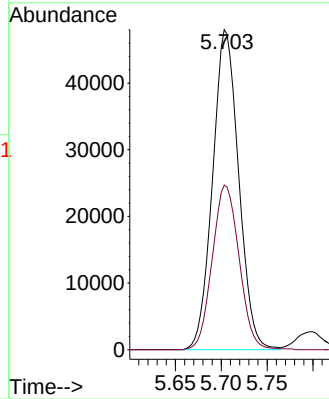
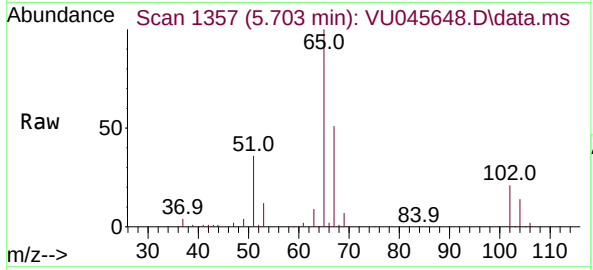




#33  
1,2-Dichloroethane-d4  
Concen: 43.140 ug/l  
RT: 5.703 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

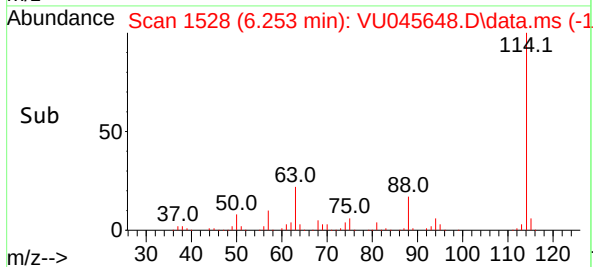
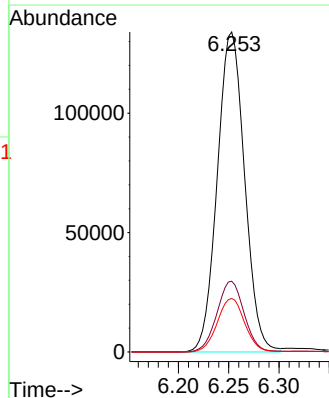
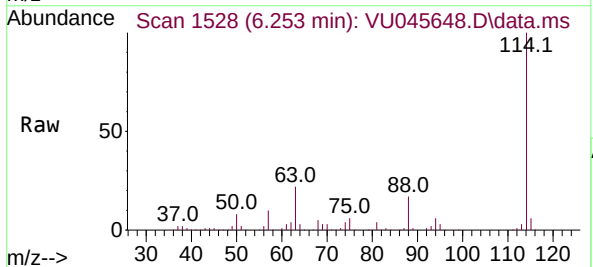
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

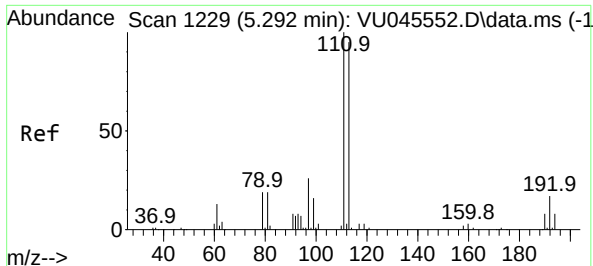
Tgt Ion: 65 Resp: 94924  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.253 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 114 Resp: 253098  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 45.6  
88 16.7 0.0 33.8

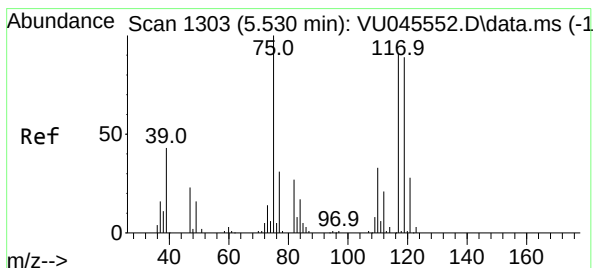
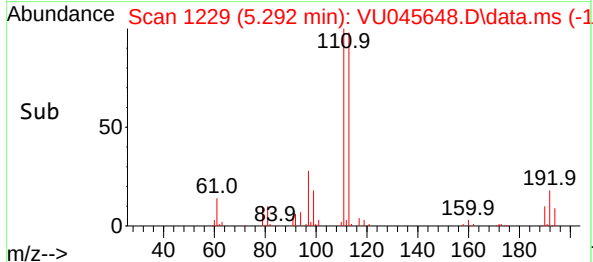
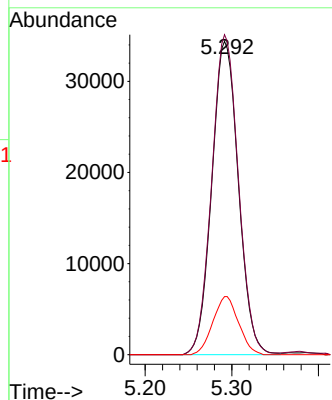
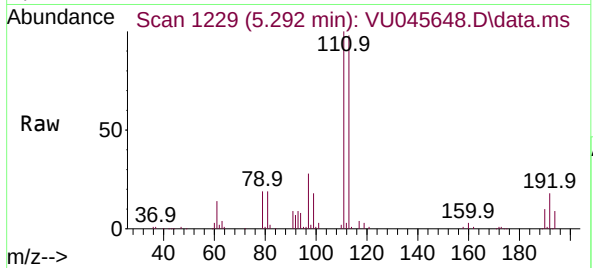




#35  
Dibromofluoromethane  
Concen: 43.359 ug/l  
RT: 5.292 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

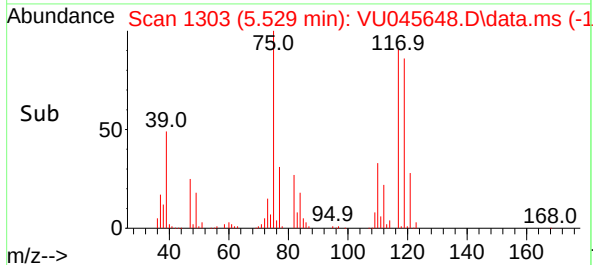
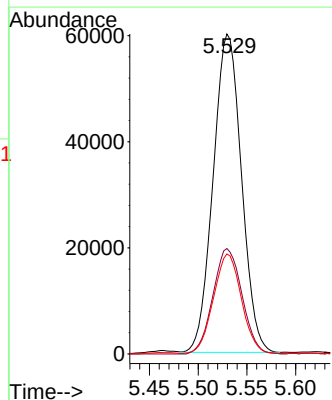
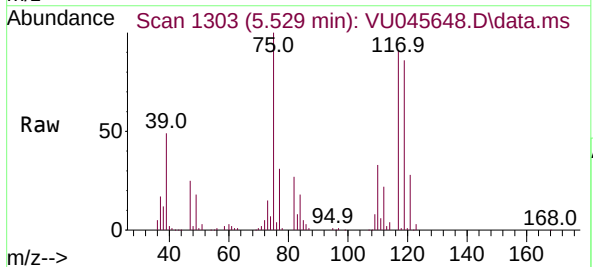
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

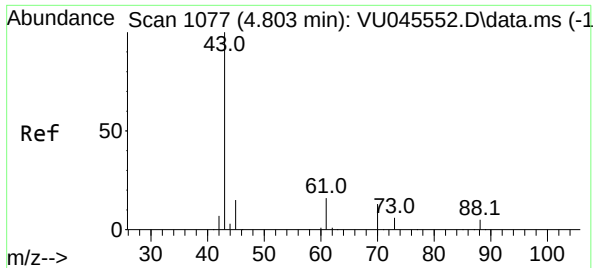
Tgt Ion:113 Resp: 73268  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.8 124.2  
192 17.9 14.8 22.2



#36  
1,1-Dichloropropene  
Concen: 49.085 ug/l  
RT: 5.529 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 75 Resp: 121137  
Ion Ratio Lower Upper  
75 100  
110 34.0 16.7 50.0  
77 30.7 25.0 37.4

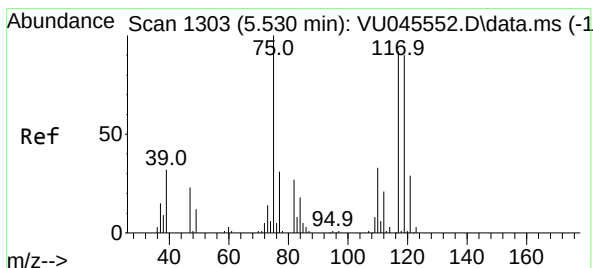
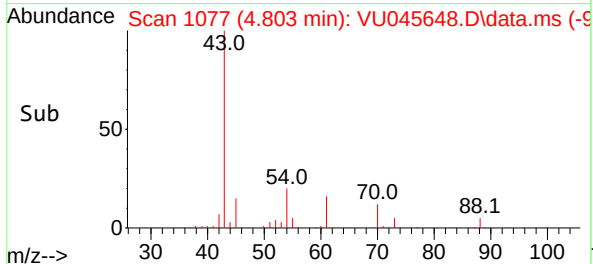
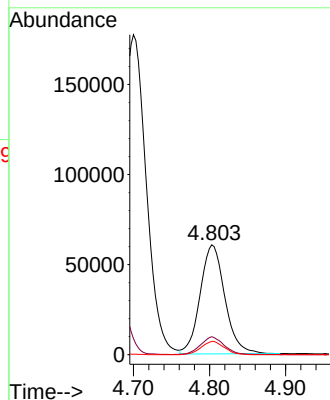
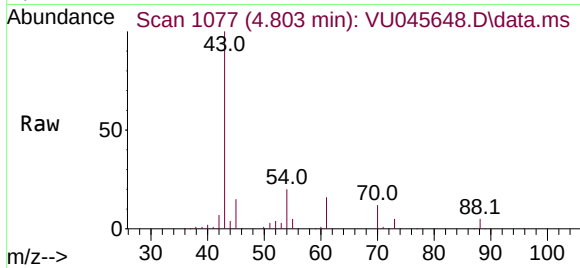




#37  
Ethyl Acetate  
Concen: 48.226 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

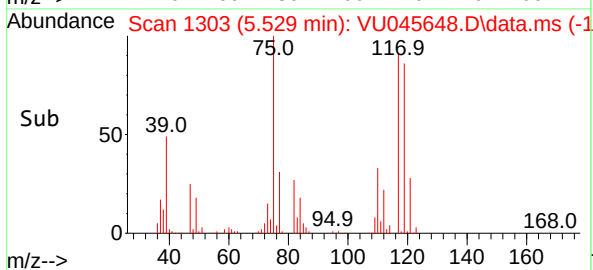
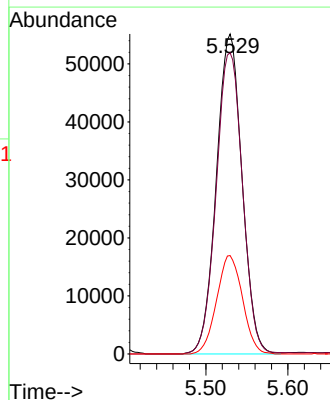
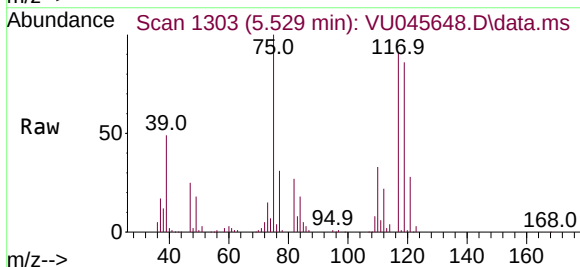
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

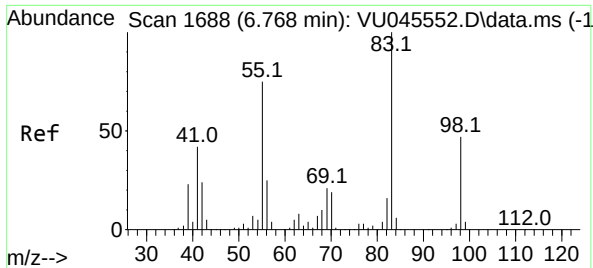
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 136715 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.4  | 11.6  | 17.4   |
| 70       | 11.4  | 9.1   | 13.7   |



#38  
Carbon Tetrachloride  
Concen: 48.217 ug/l  
RT: 5.529 min Scan# 1303  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 119966 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.1  | 77.4  | 116.0  |
| 121      | 30.7  | 24.8  | 37.2   |





#39

Methylcyclohexane

Concen: 49.486 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

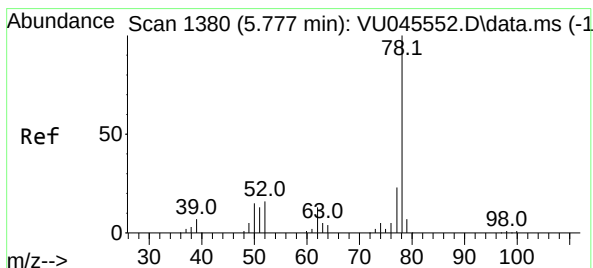
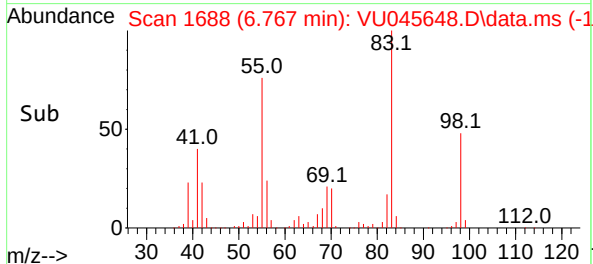
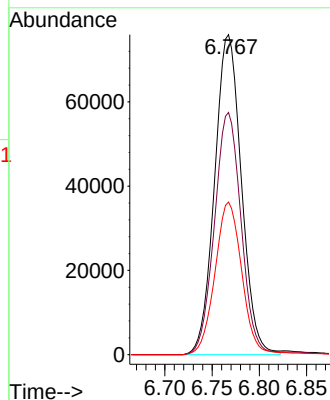
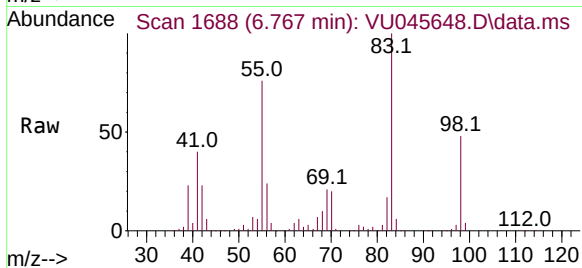
Tgt Ion: 83 Resp: 149826

Ion Ratio Lower Upper

83 100

55 75.7 63.6 95.4

98 47.7 37.1 55.7



#40

Benzene

Concen: 48.307 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045648.D

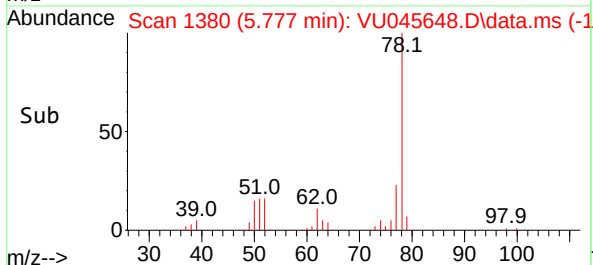
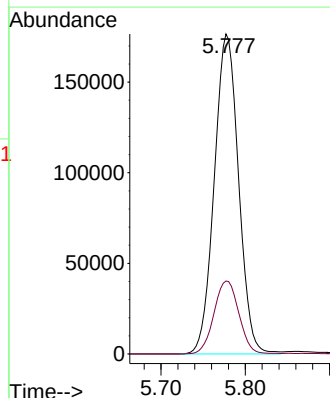
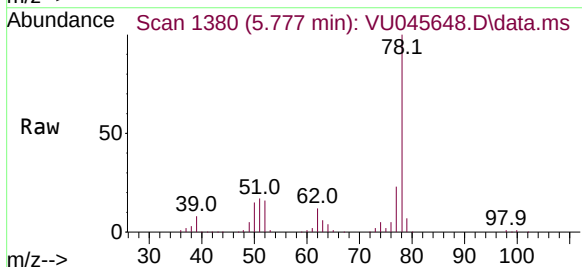
Acq: 09 Nov 2021 10:19

Tgt Ion: 78 Resp: 352957

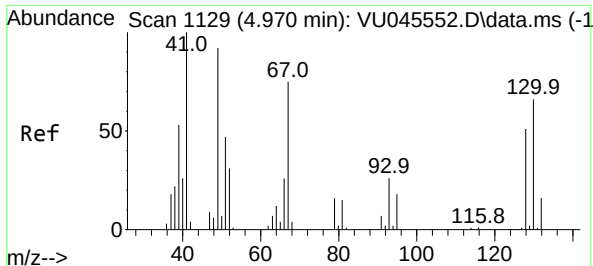
Ion Ratio Lower Upper

78 100

77 22.8 19.0 28.4



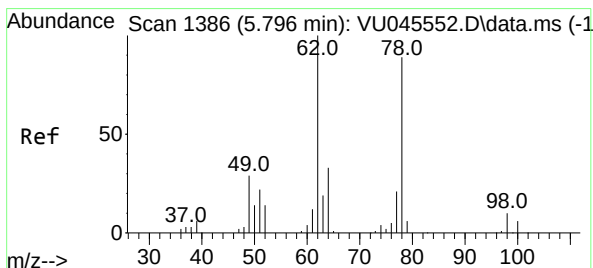
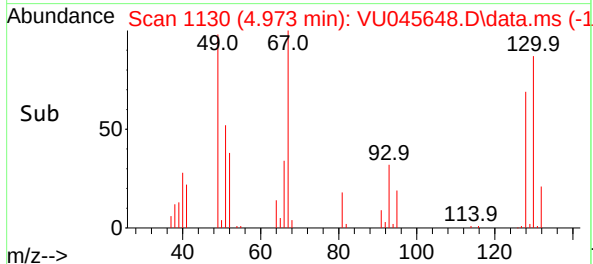
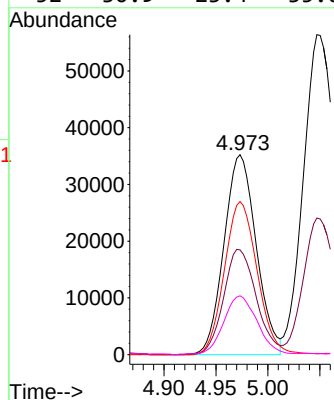
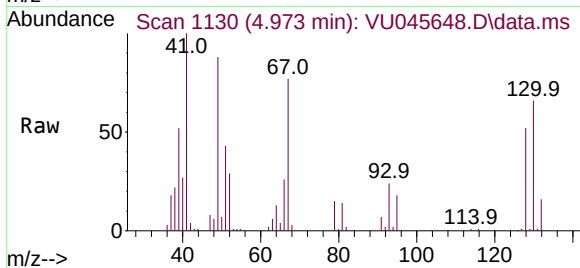




#41  
Methacrylonitrile  
Concen: 50.910 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

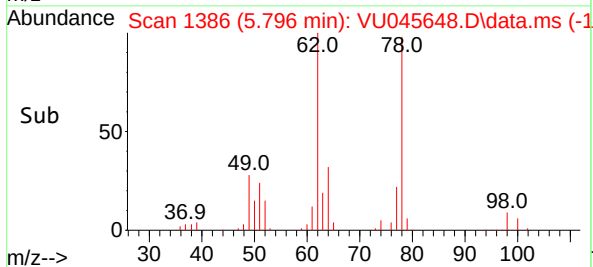
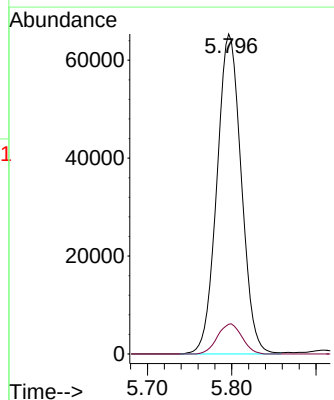
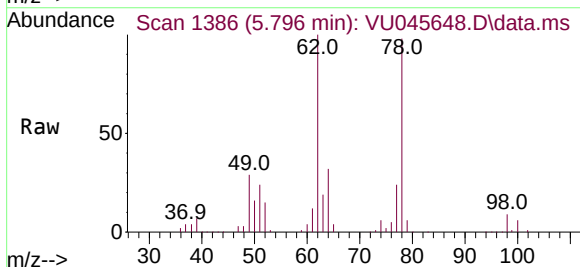
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

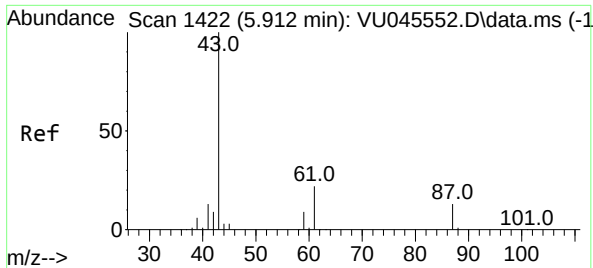
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 76271 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.3  | 43.4  | 65.0  |
| 67       | 77.7  | 61.0  | 91.4  |
| 52       | 30.9  | 23.4  | 35.0  |



#42  
1,2-Dichloroethane  
Concen: 49.726 ug/l  
RT: 5.796 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 131236 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.4   | 0.0   | 18.4   |

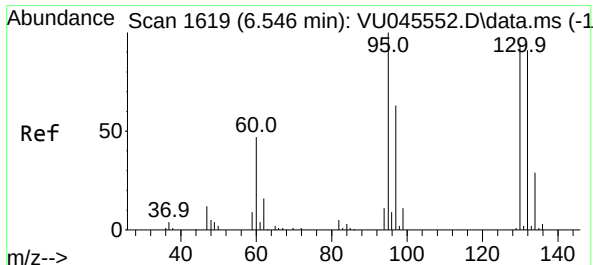
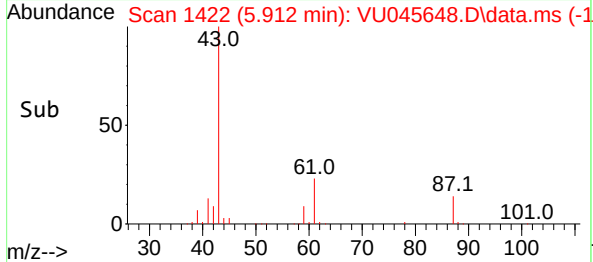
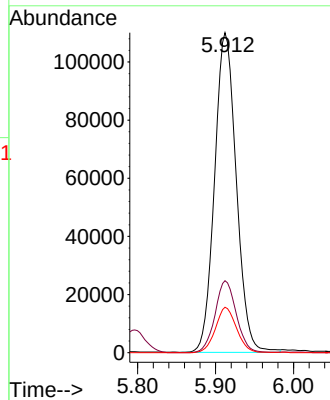
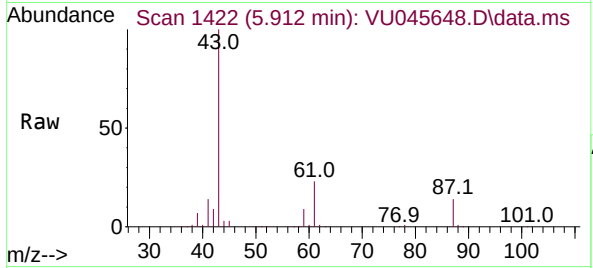




#43  
Isopropyl Acetate  
Concen: 49.084 ug/l  
RT: 5.912 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

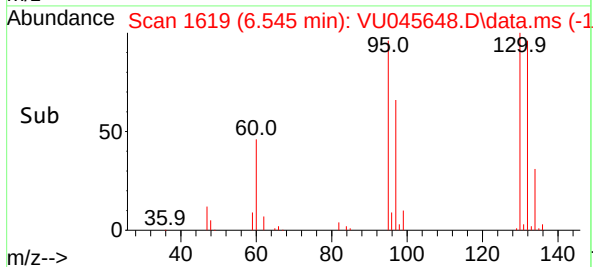
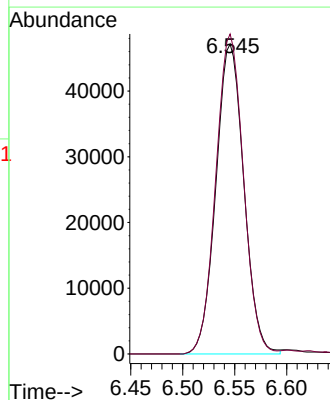
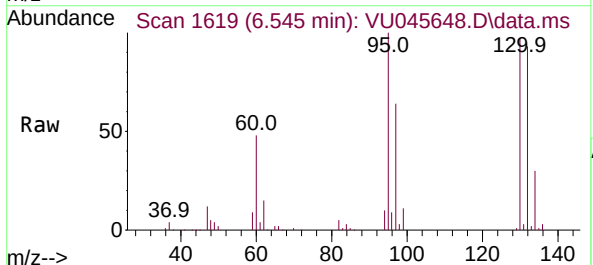
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

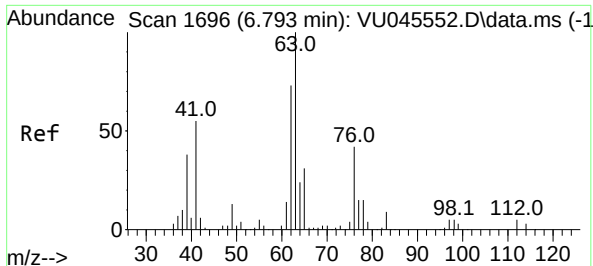
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 43 | Resp: | 212834 |
| Ion | Ratio   | Lower | Upper  |
| 43  | 100     |       |        |
| 61  | 22.2    | 16.9  | 25.3   |
| 87  | 13.8    | 11.0  | 16.4   |



#44  
Trichloroethene  
Concen: 50.408 ug/l  
RT: 6.545 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:130 | Resp: | 88161 |       |
| Ion         | Ratio | Lower | Upper |
| 130         | 100   |       |       |
| 95          | 103.3 | 0.0   | 211.4 |





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

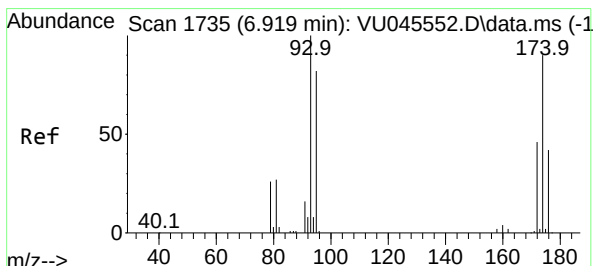
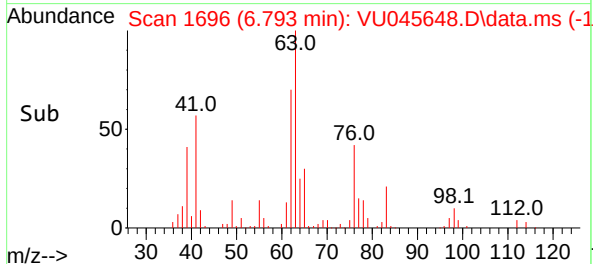
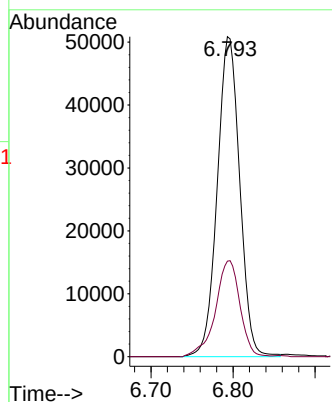
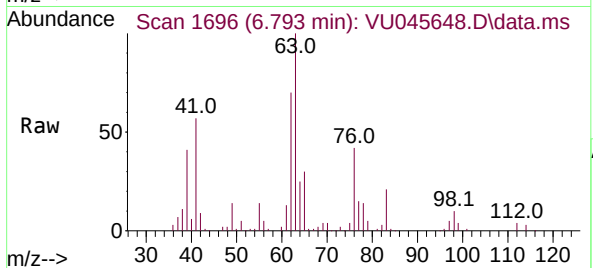
VSTDCCC050

Tgt Ion: 63 Resp: 96751

Ion Ratio Lower Upper

63 100

65 29.9 25.7 38.5



#46

Dibromomethane

Concen: 49.551 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

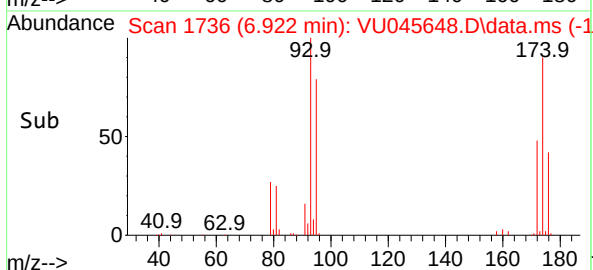
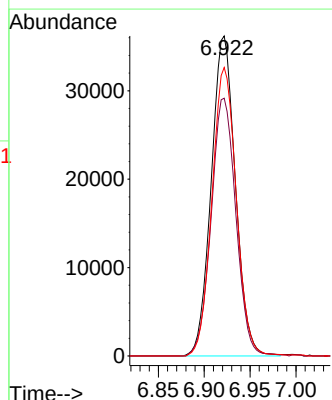
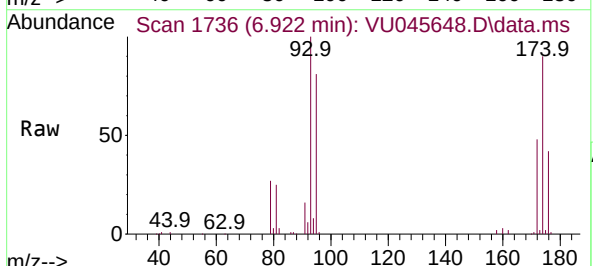
Tgt Ion: 93 Resp: 66377

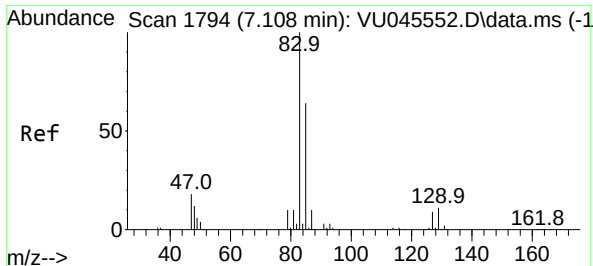
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 91.0 71.0 106.6





#47

Bromodichloromethane

Concen: 50.802 ug/l

RT: 7.108 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

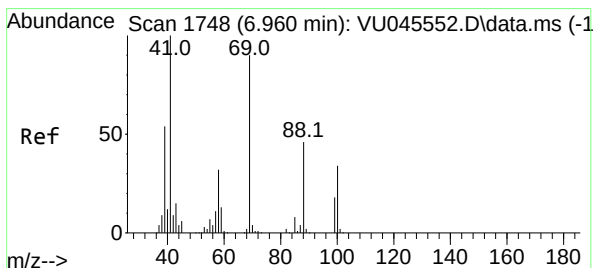
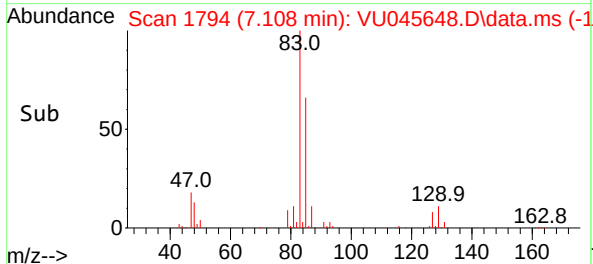
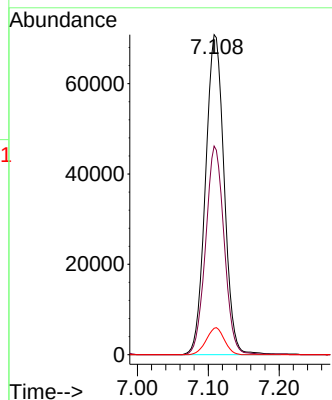
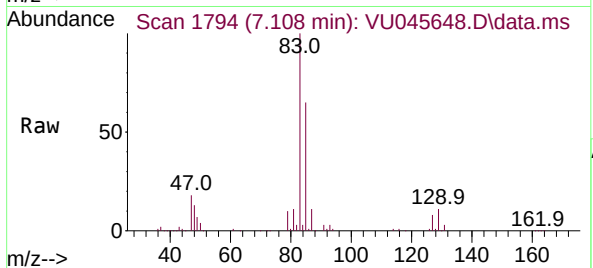
Tgt Ion: 83 Resp: 129126

Ion Ratio Lower Upper

83 100

85 65.2 49.8 74.6

127 8.2 6.2 9.2



#48

Methyl methacrylate

Concen: 50.323 ug/l

RT: 6.960 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

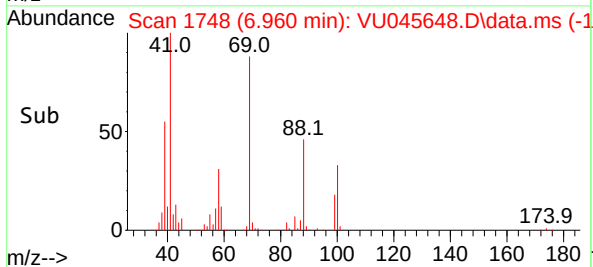
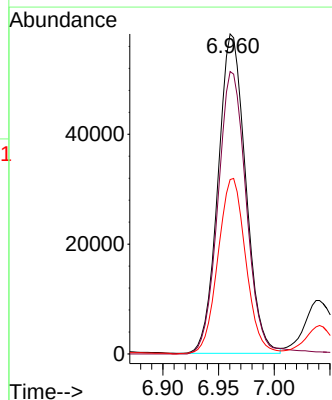
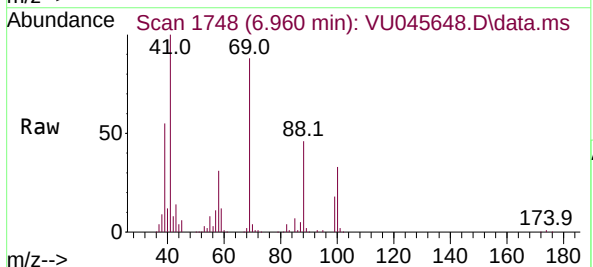
Tgt Ion: 41 Resp: 100434

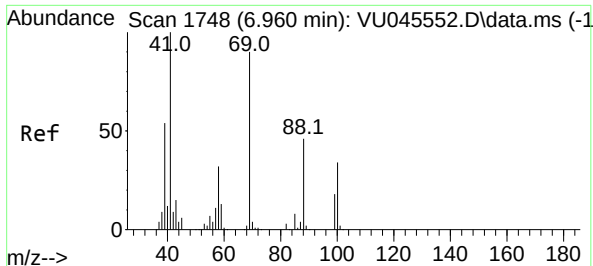
Ion Ratio Lower Upper

41 100

69 91.3 70.2 105.2

39 55.4 43.9 65.9





#49

1,4-Dioxane

Concen: 990.325 ug/l

RT: 6.963 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

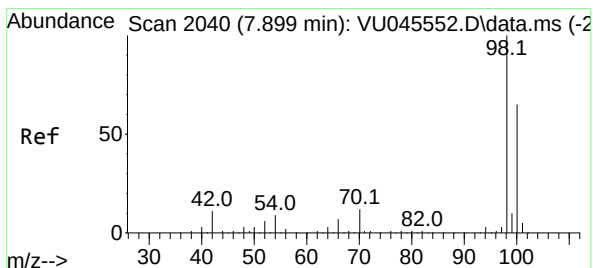
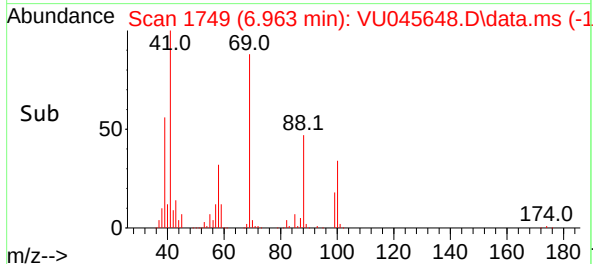
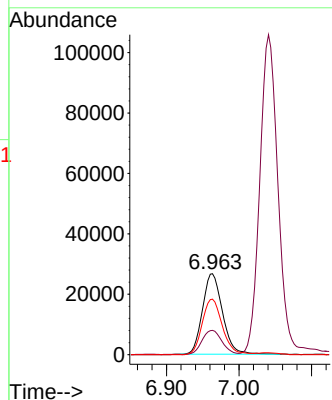
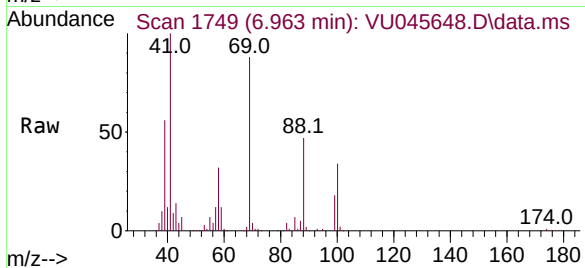
Tgt Ion: 88 Resp: 50828

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 69.7 58.7 88.1



#50

Toluene-d8

Concen: 43.974 ug/l

RT: 7.902 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045648.D

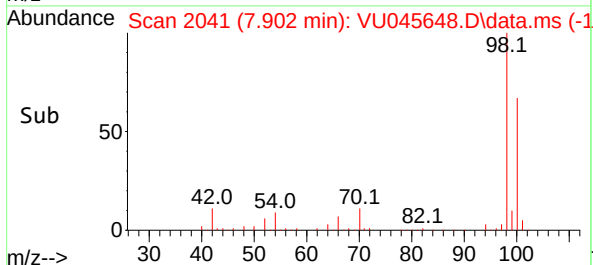
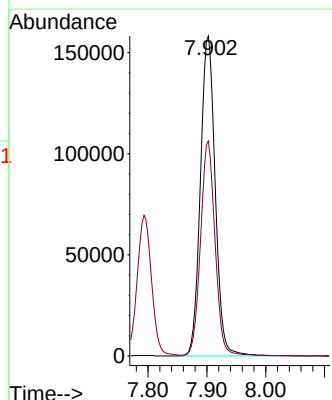
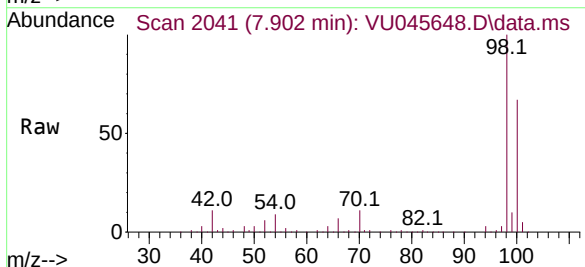
Acq: 09 Nov 2021 10:19

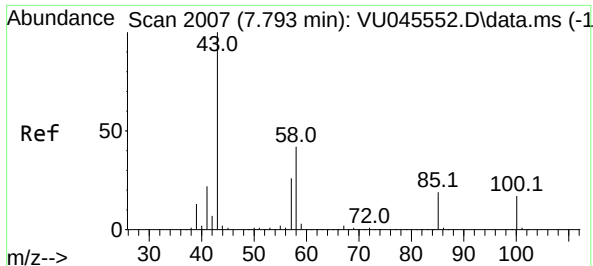
Tgt Ion: 98 Resp: 276311

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 247.472 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

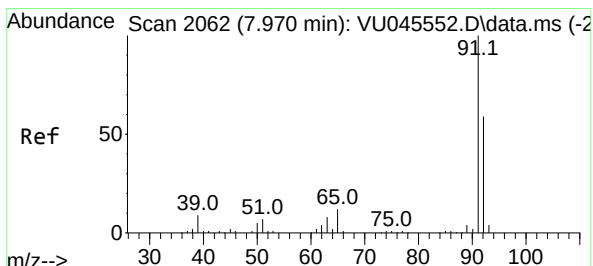
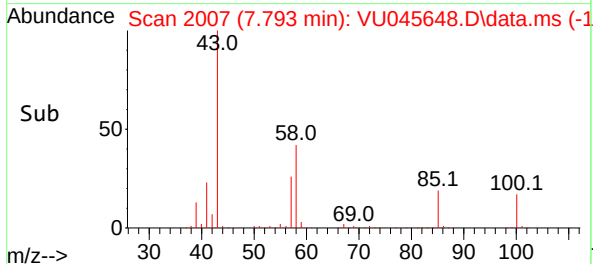
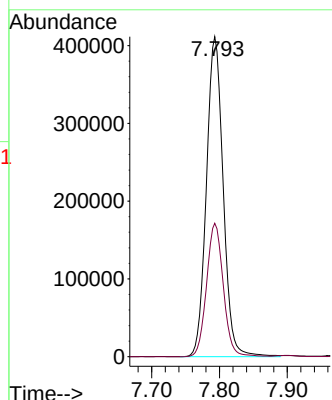
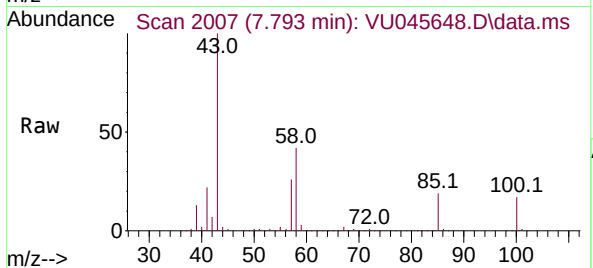
VSTDCCC050

Tgt Ion: 43 Resp: 707855

Ion Ratio Lower Upper

43 100

58 41.6 33.8 50.8



#52

Toluene

Concen: 50.394 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045648.D

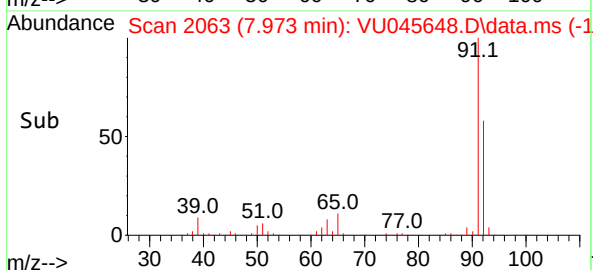
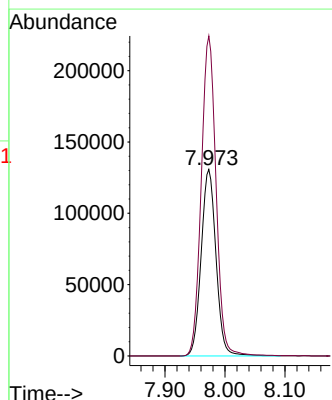
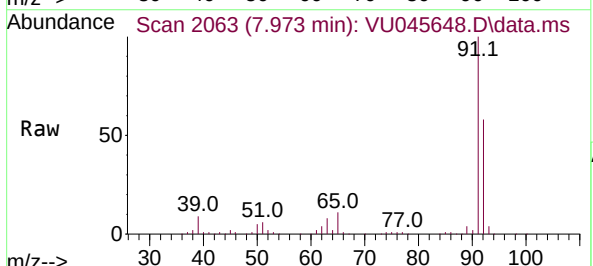
Acq: 09 Nov 2021 10:19

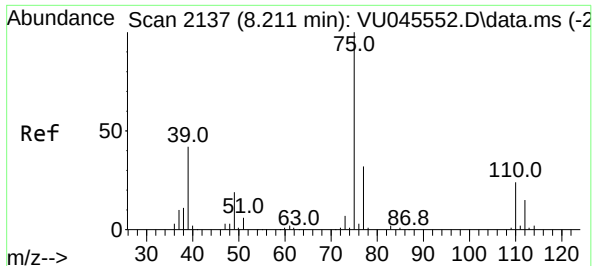
Tgt Ion: 92 Resp: 225426

Ion Ratio Lower Upper

92 100

91 171.4 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.561 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

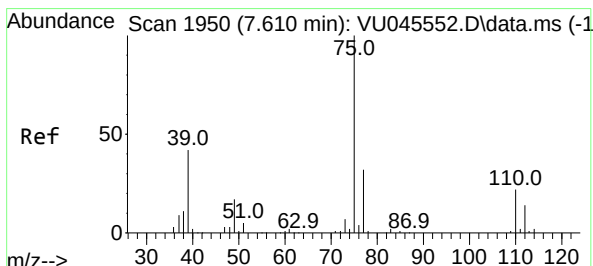
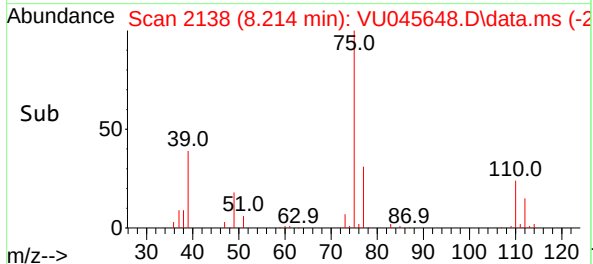
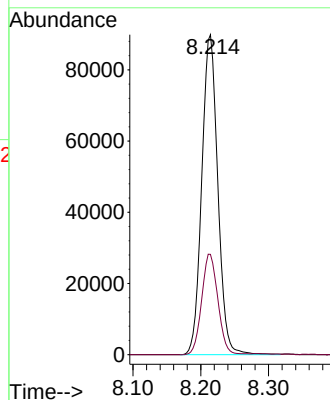
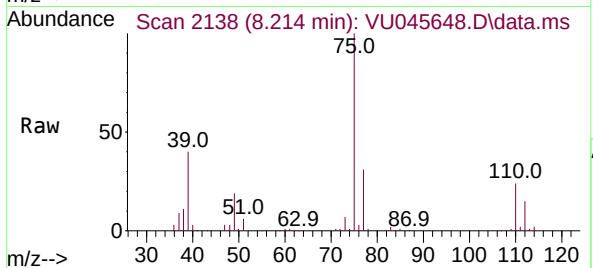
VSTDCCC050

Tgt Ion: 75 Resp: 147696

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 51.890 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

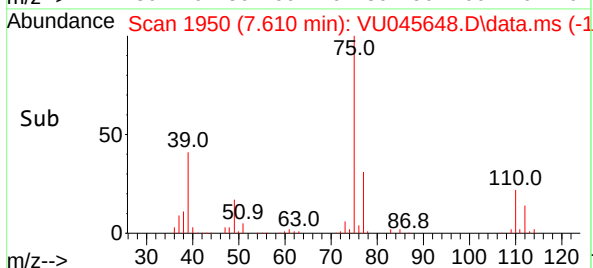
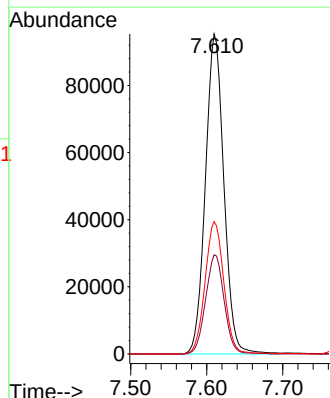
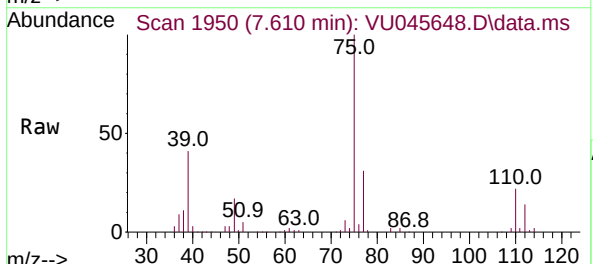
Tgt Ion: 75 Resp: 160998

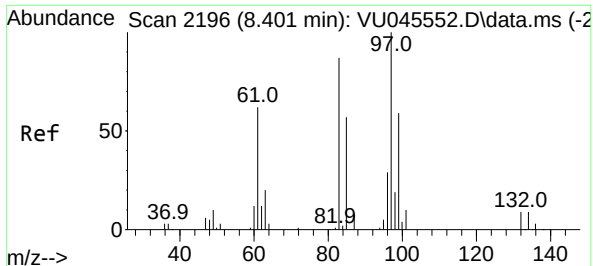
Ion Ratio Lower Upper

75 100

77 31.0 24.6 37.0

39 41.3 37.1 55.7

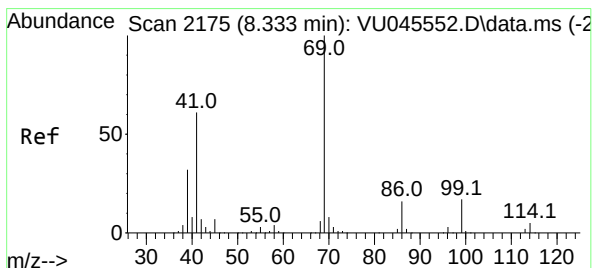
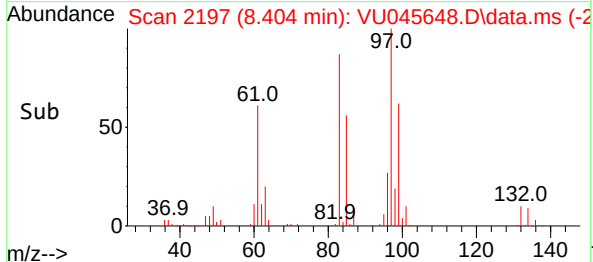
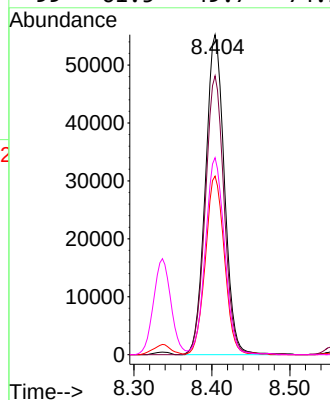
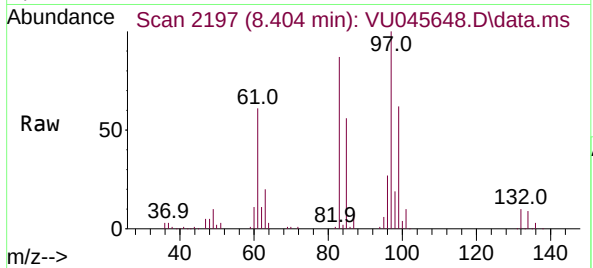




#55  
1,1,2-Trichloroethane  
Concen: 50.515 ug/l  
RT: 8.404 min Scan# 2196  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

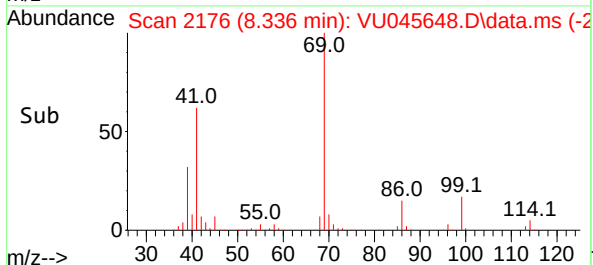
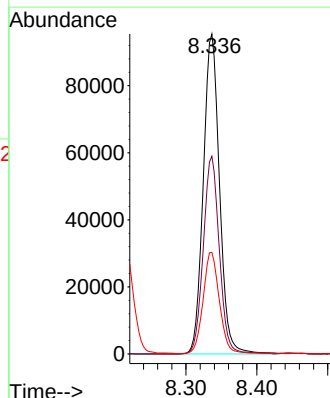
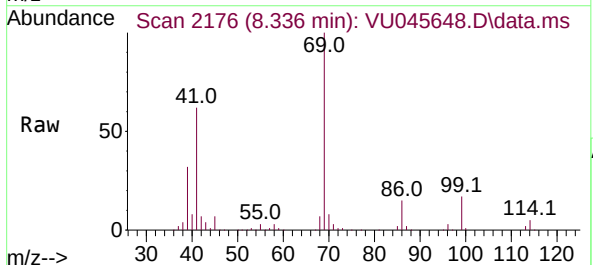
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 93652 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.2  | 70.3  | 105.5 |
| 85       | 55.8  | 45.5  | 68.3  |
| 99       | 61.5  | 49.7  | 74.5  |

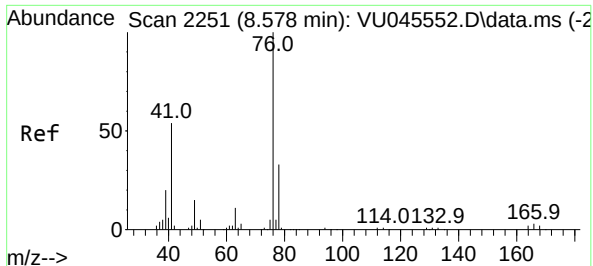


#56  
Ethyl methacrylate  
Concen: 45.847 ug/l  
RT: 8.336 min Scan# 2176  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 151752 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.2  | 51.0  | 76.4   |
| 39       | 32.2  | 26.6  | 39.8   |







#57

1,3-Dichloropropane

Concen: 49.341 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

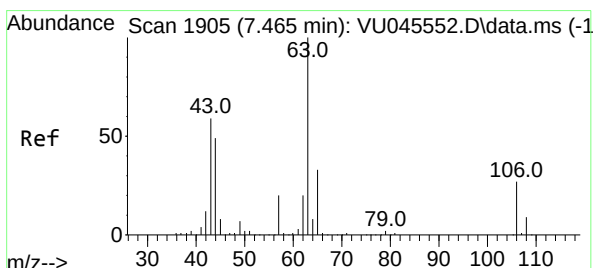
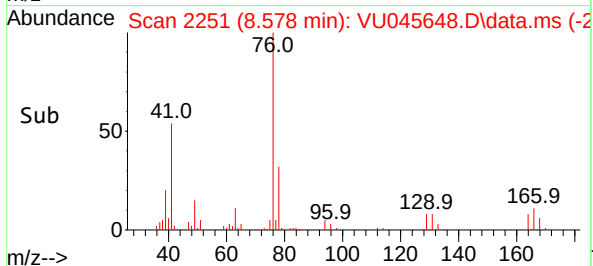
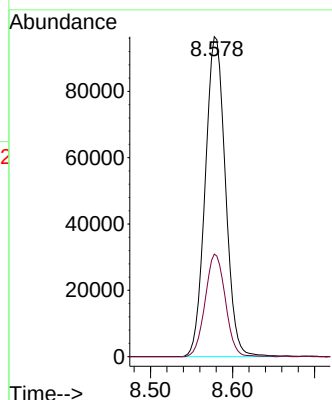
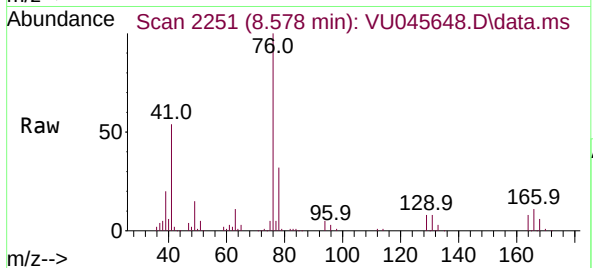
VSTDCCC050

Tgt Ion: 76 Resp: 164757

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 205.296 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045648.D

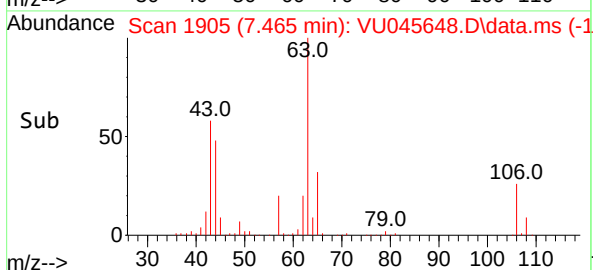
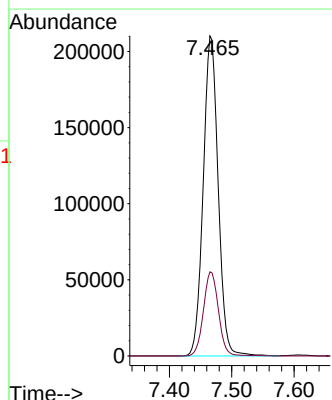
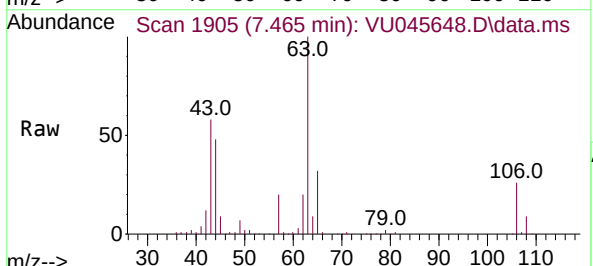
Acq: 09 Nov 2021 10:19

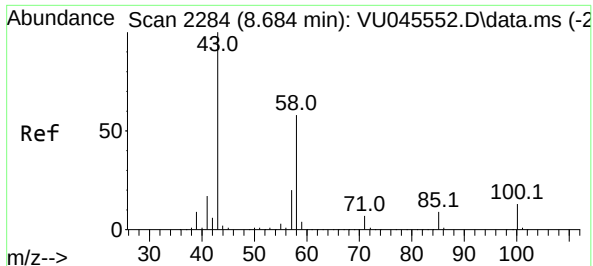
Tgt Ion: 63 Resp: 350398

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 226.496 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

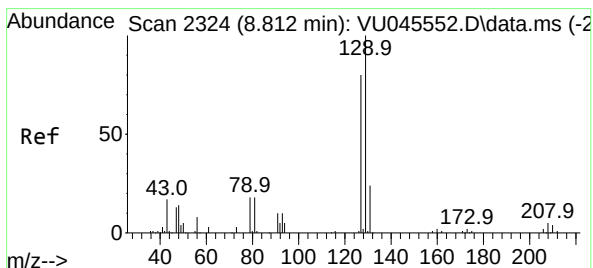
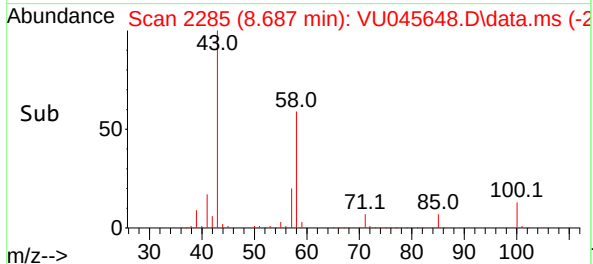
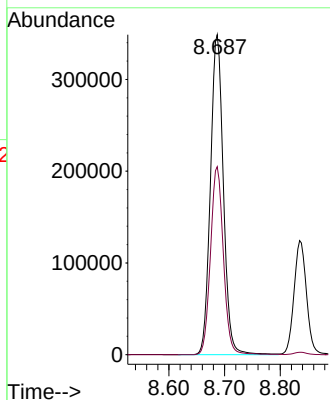
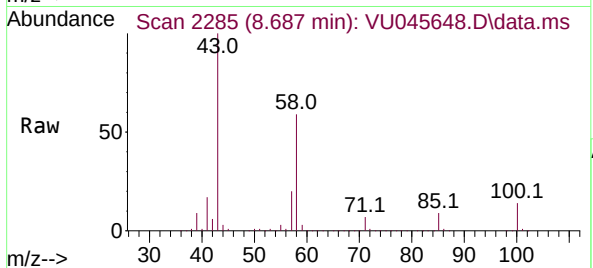
VSTDCCC050

Tgt Ion: 43 Resp: 561903

Ion Ratio Lower Upper

43 100

58 58.6 29.5 88.6



#60

Dibromochloromethane

Concen: 51.110 ug/l

RT: 8.815 min Scan# 2325

Delta R.T. 0.003 min

Lab File: VU045648.D

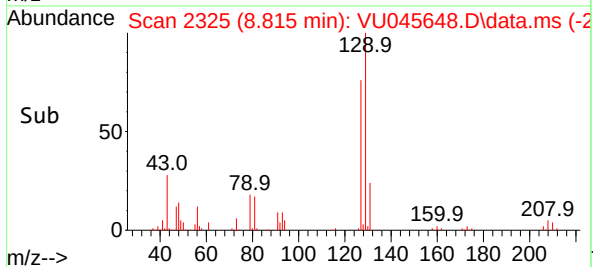
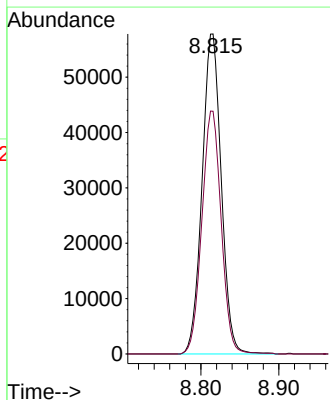
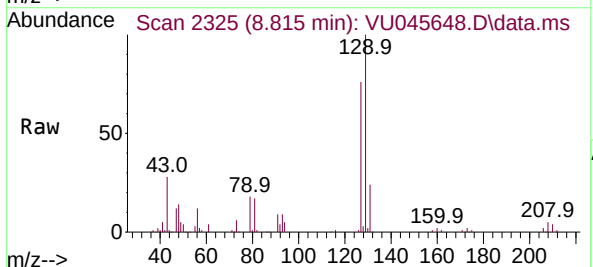
Acq: 09 Nov 2021 10:19

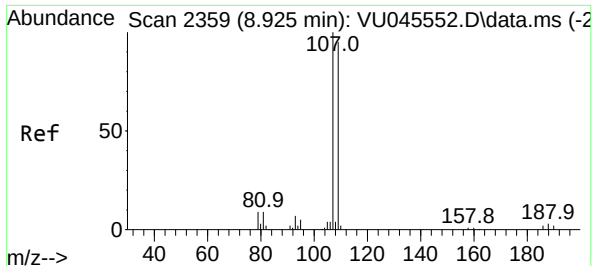
Tgt Ion:129 Resp: 98667

Ion Ratio Lower Upper

129 100

127 76.5 38.5 115.3

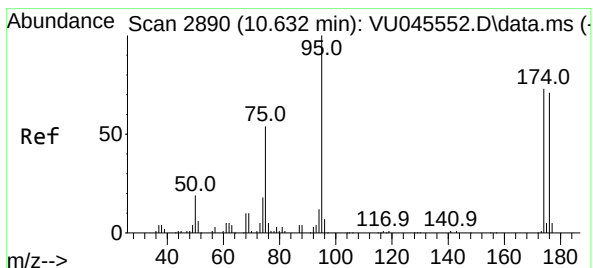
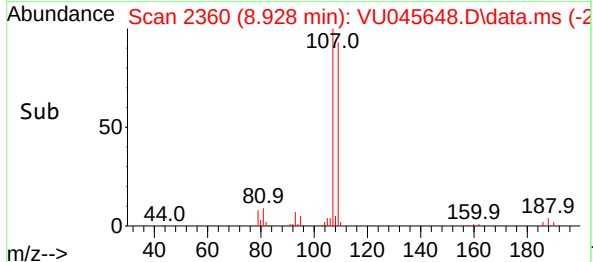
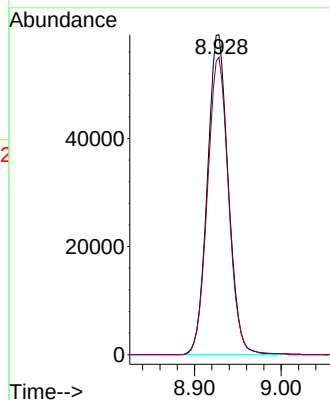
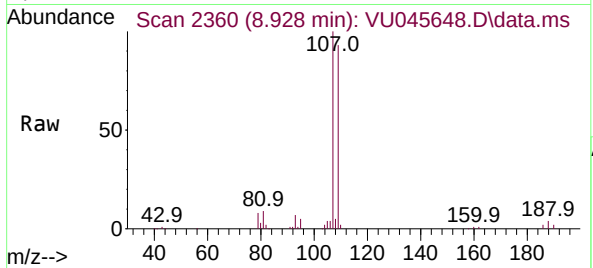




#61  
1,2-Dibromoethane  
Concen: 49.973 ug/l  
RT: 8.928 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

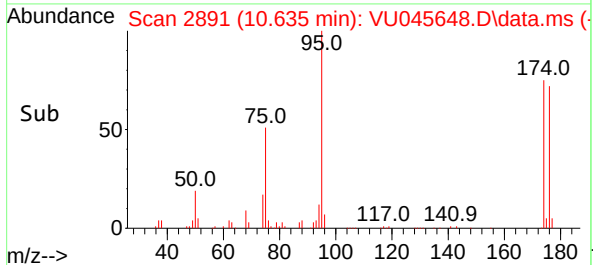
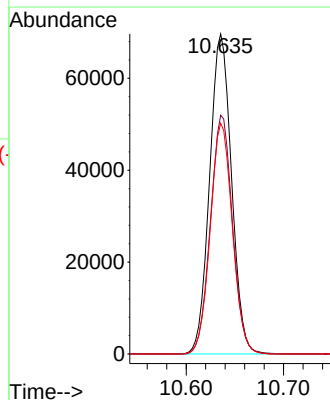
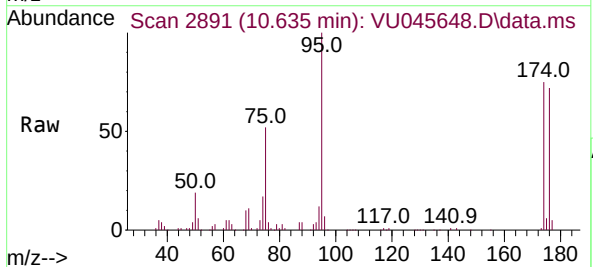
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

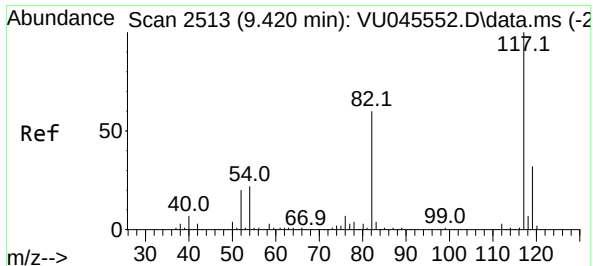
Tgt Ion:107 Resp: 99366  
Ion Ratio Lower Upper  
107 100  
109 93.8 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 43.159 ug/l  
RT: 10.635 min Scan# 2891  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 95 Resp: 108746  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 141.8  
176 72.7 0.0 138.2

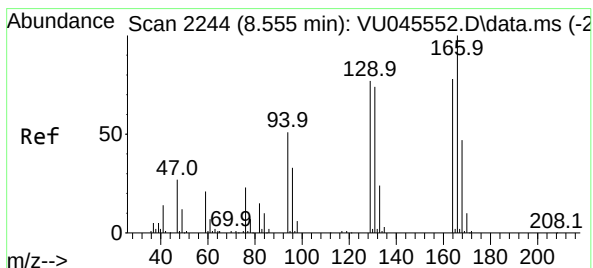
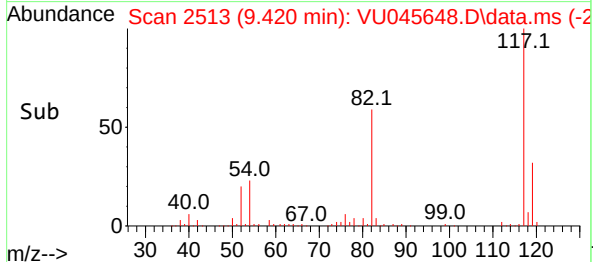
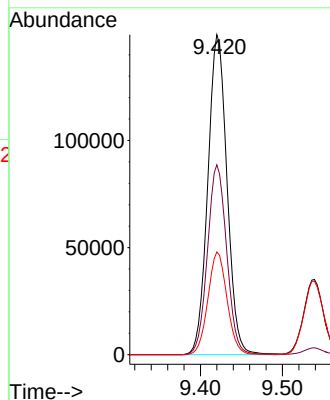
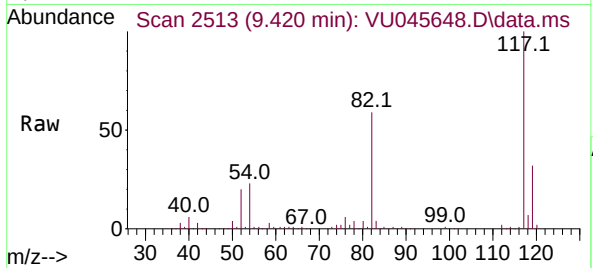




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

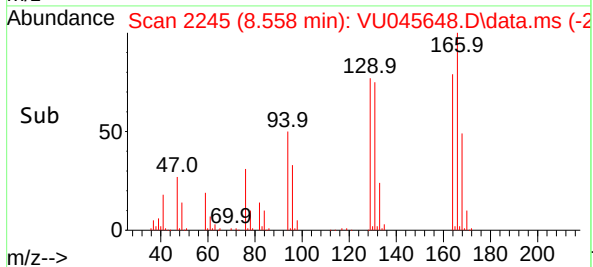
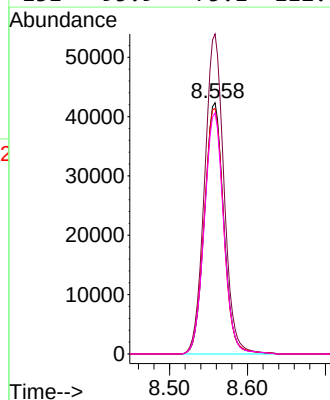
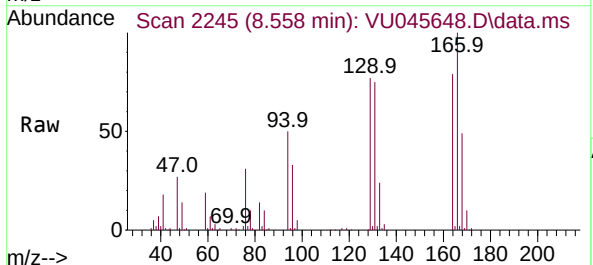
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

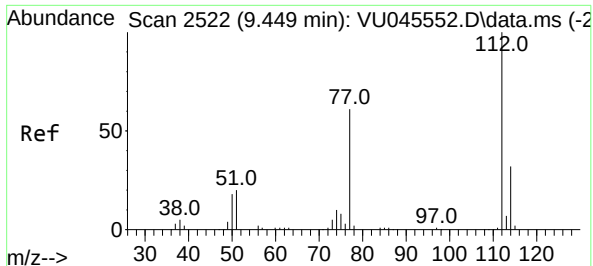
Tgt Ion:117 Resp: 242961  
Ion Ratio Lower Upper  
117 100  
82 59.3 47.8 71.8  
119 32.1 25.8 38.8



#64  
Tetrachloroethene  
Concen: 51.939 ug/l  
RT: 8.558 min Scan# 2245  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:164 Resp: 72428  
Ion Ratio Lower Upper  
164 100  
166 127.4 102.2 153.4  
129 97.7 78.2 117.4  
131 95.9 75.1 112.7

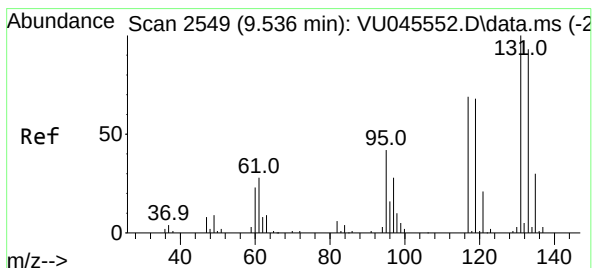
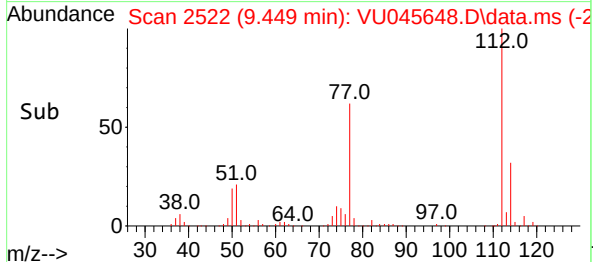
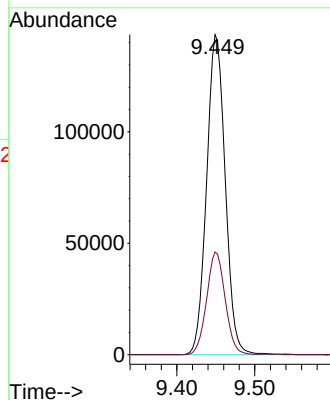
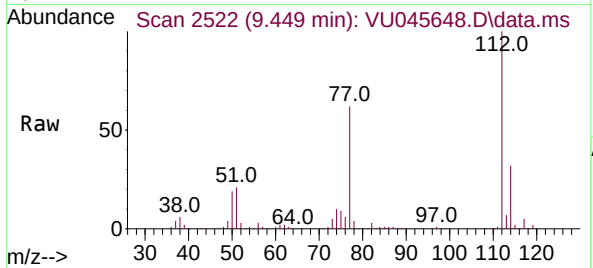




#65  
Chlorobenzene  
Concen: 49.952 ug/l  
RT: 9.449 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

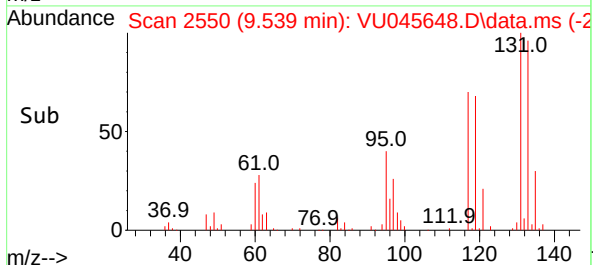
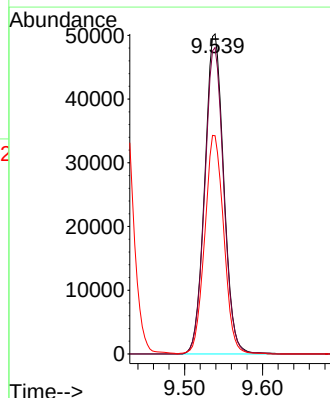
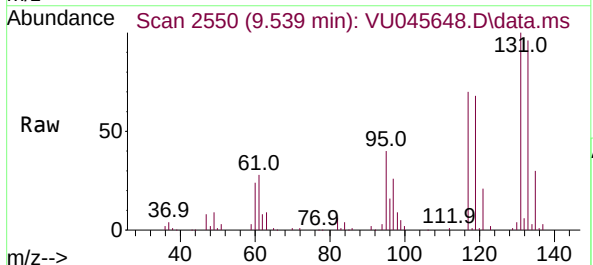
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

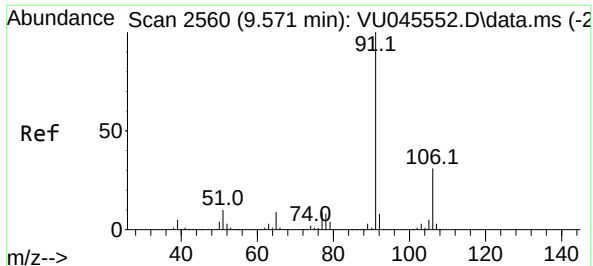
Tgt Ion:112 Resp: 238390  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.978 ug/l  
RT: 9.539 min Scan# 2550  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:131 Resp: 85066  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.9 143.6  
119 68.5 34.5 103.6





#67

Ethyl Benzene

Concen: 51.615 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

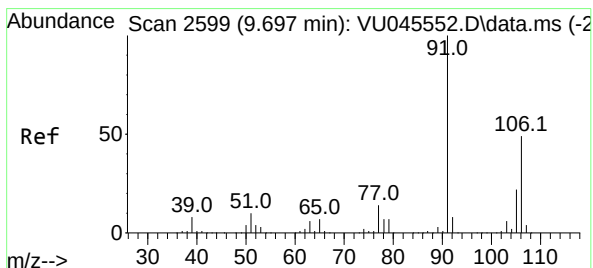
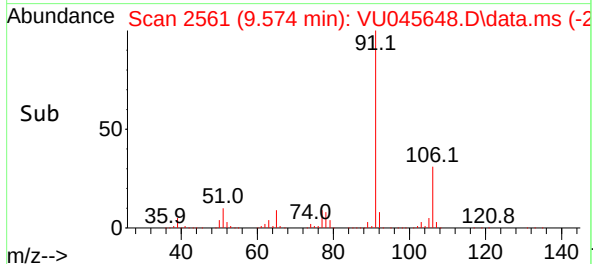
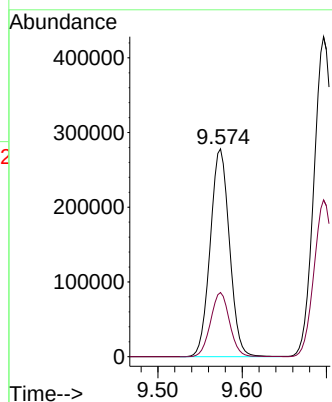
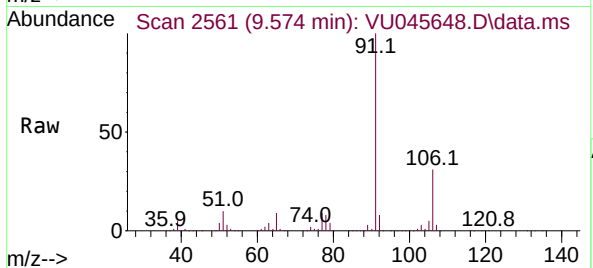
VSTDCCC050

Tgt Ion: 91 Resp: 441122

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 105.639 ug/l

RT: 9.696 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045648.D

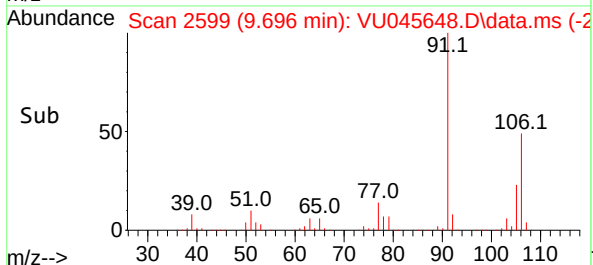
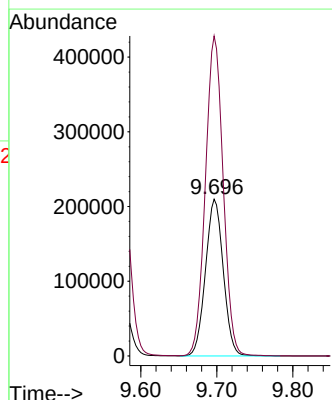
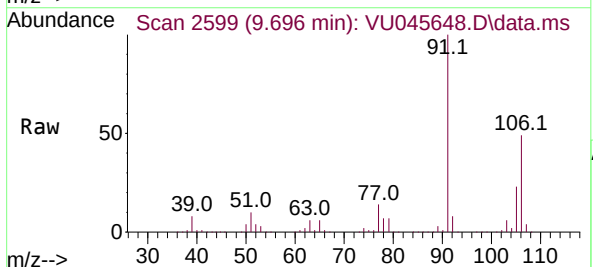
Acq: 09 Nov 2021 10:19

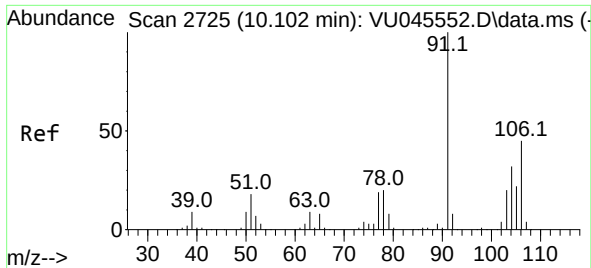
Tgt Ion:106 Resp: 340492

Ion Ratio Lower Upper

106 100

91 204.5 164.7 247.1

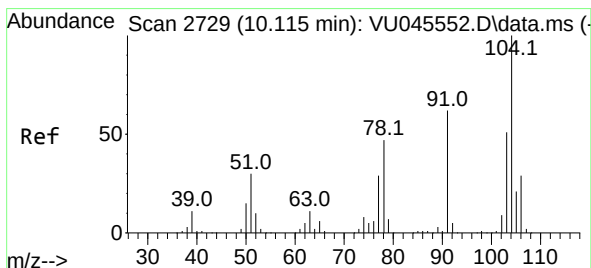
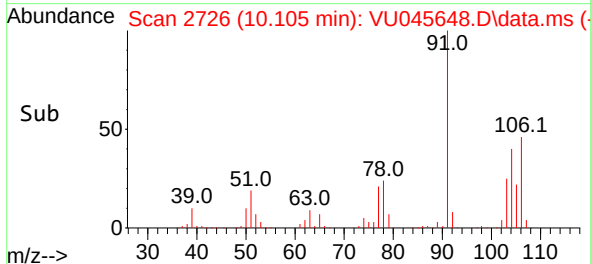
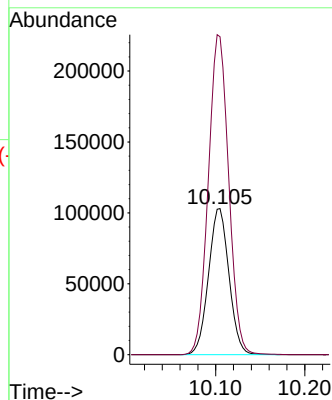
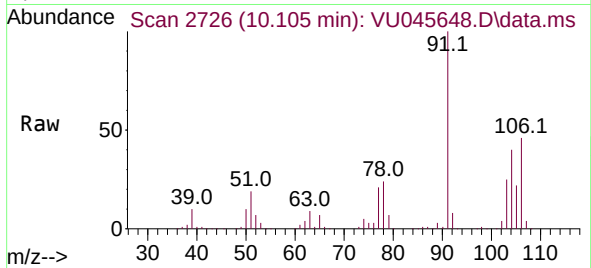




#69  
o-Xylene  
Concen: 52.436 ug/l  
RT: 10.105 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

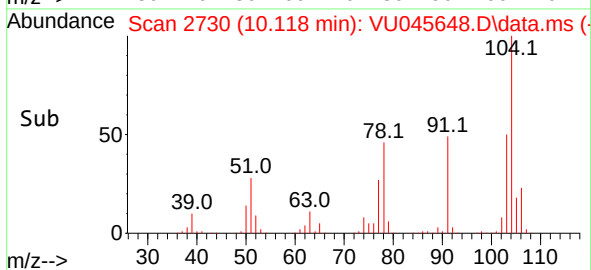
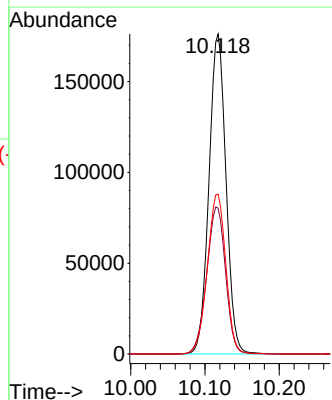
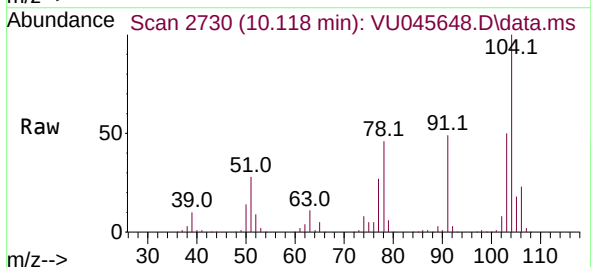
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

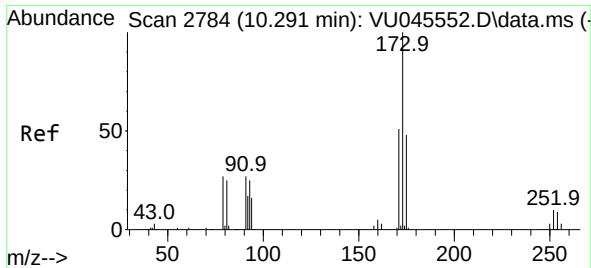
Tgt Ion:106 Resp: 164313  
Ion Ratio Lower Upper  
106 100  
91 218.1 108.7 326.3



#70  
Styrene  
Concen: 52.850 ug/l  
RT: 10.118 min Scan# 2730  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:104 Resp: 280171  
Ion Ratio Lower Upper  
104 100  
78 50.8 41.8 62.6  
103 54.3 43.8 65.6

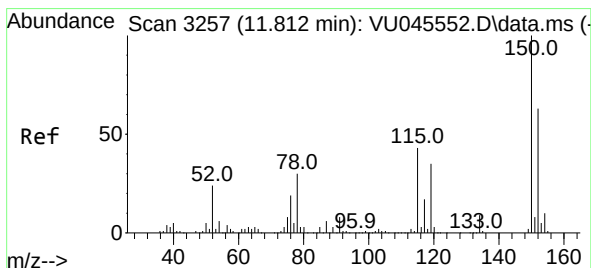
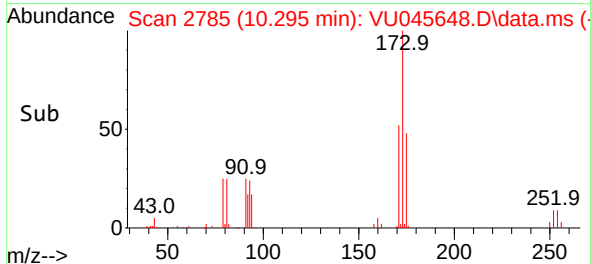
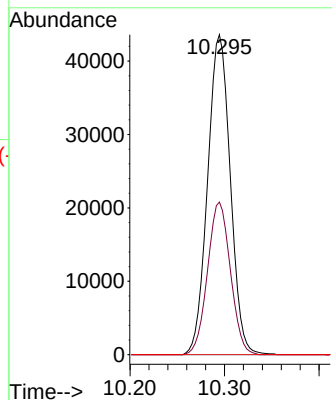
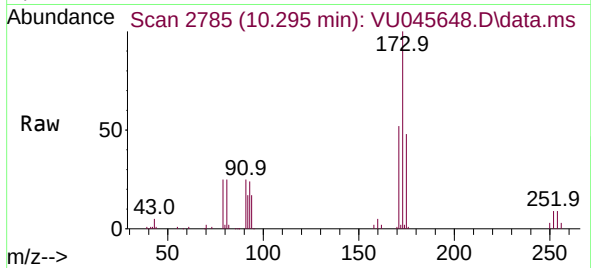




#71  
Bromoform  
Concen: 45.401 ug/l  
RT: 10.295 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

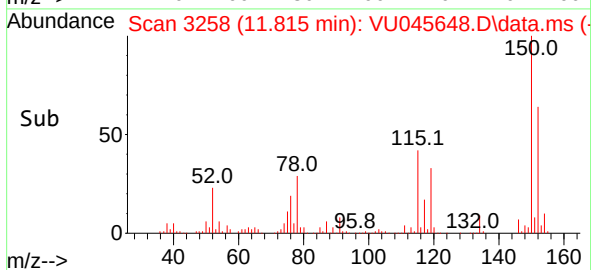
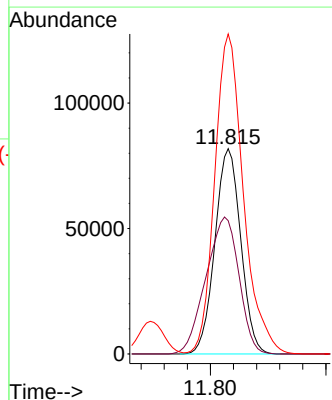
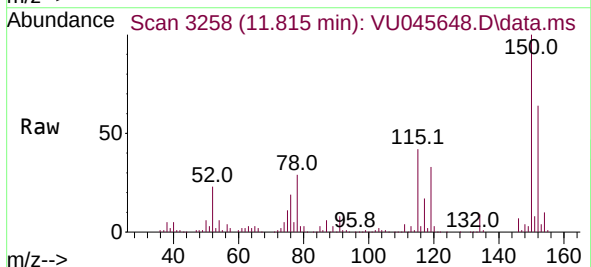
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 72654  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.1 72.2  
254 0.0 0.0 0.0

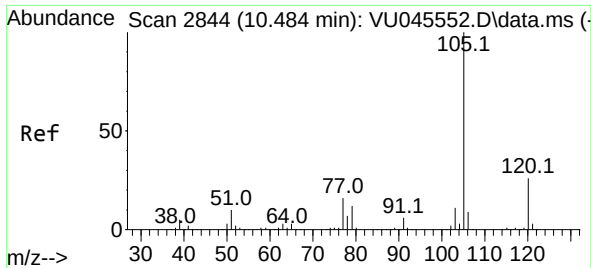


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.815 min Scan# 3258  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:152 Resp: 127066  
Ion Ratio Lower Upper  
152 100  
115 85.2 42.7 128.1  
150 172.8 0.0 346.8



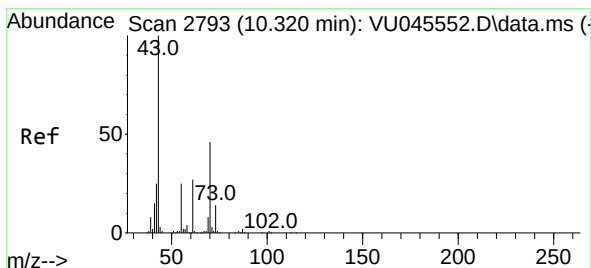
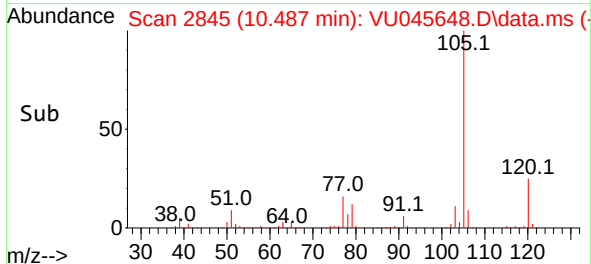
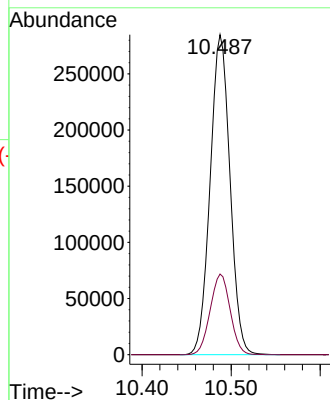
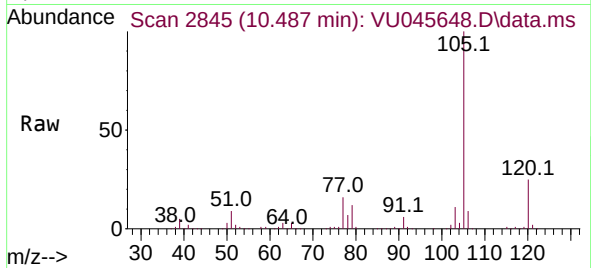




#73  
Isopropylbenzene  
Concen: 52.971 ug/l  
RT: 10.487 min Scan# 2844  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

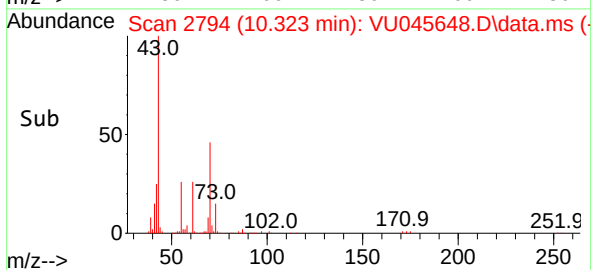
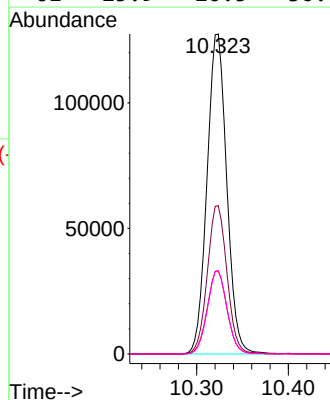
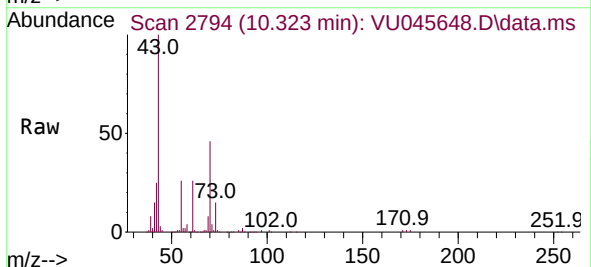
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

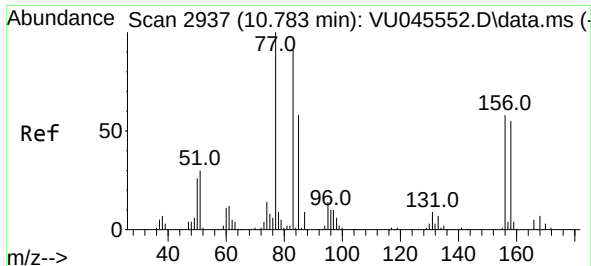
Tgt Ion:105 Resp: 439788  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6



#74  
N-amy1 acetate  
Concen: 50.928 ug/l  
RT: 10.323 min Scan# 2794  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 43 Resp: 190746  
Ion Ratio Lower Upper  
43 100  
70 46.2 36.9 55.3  
55 26.2 20.6 31.0  
61 25.9 20.5 30.7

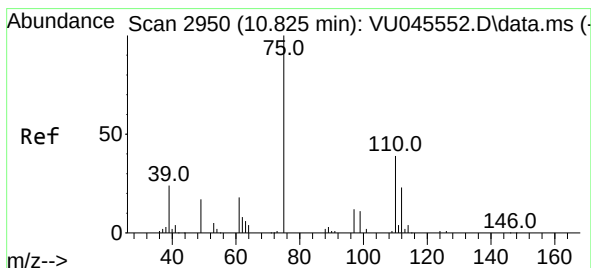
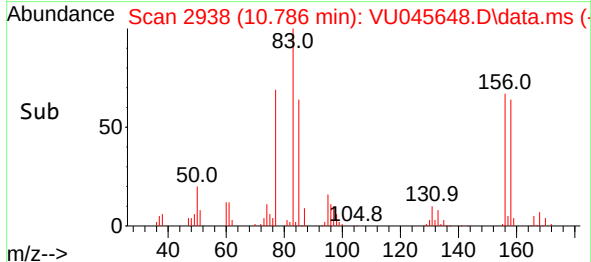
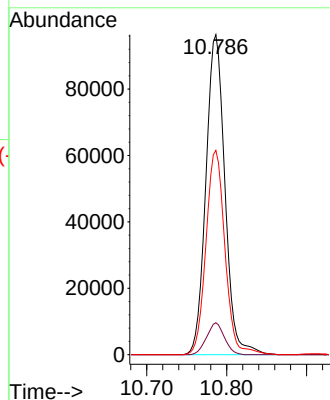
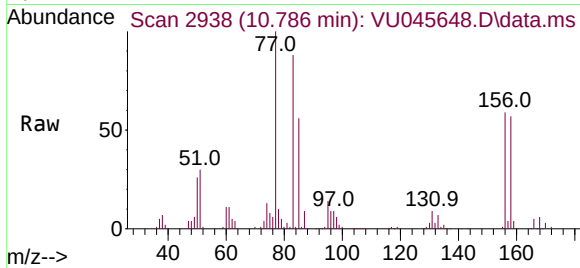




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.519 ug/l  
RT: 10.786 min Scan# 2937  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

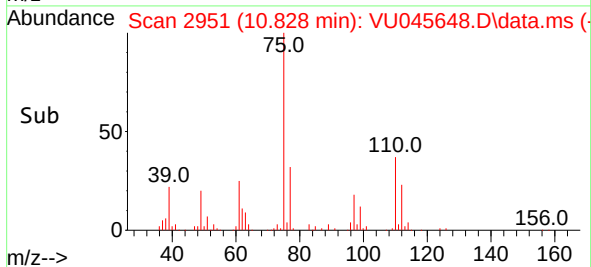
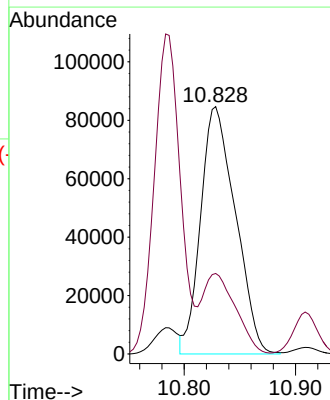
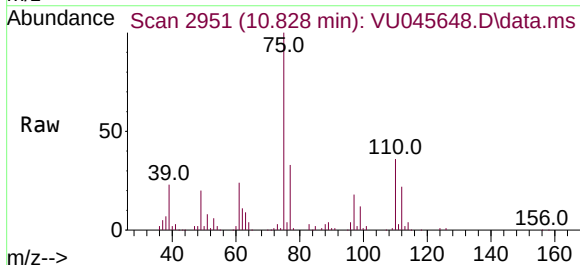
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

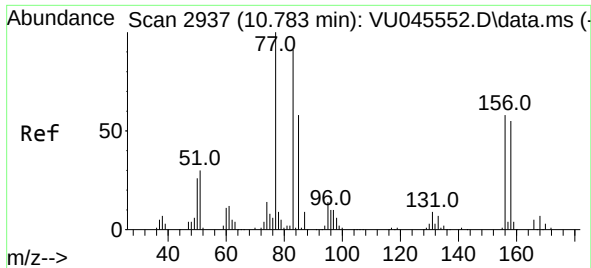
Tgt Ion: 83 Resp: 159599  
Ion Ratio Lower Upper  
83 100  
131 9.3 4.4 13.2  
85 63.7 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 47.768 ug/l  
RT: 10.828 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 75 Resp: 184068  
Ion Ratio Lower Upper  
75 100  
77 30.0 17.1 51.3

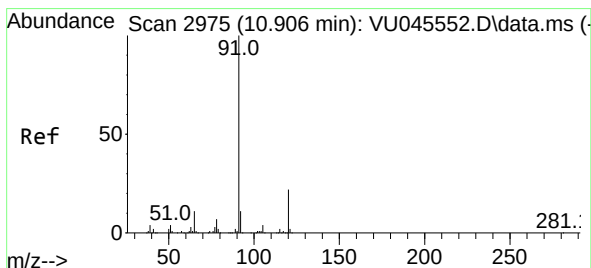
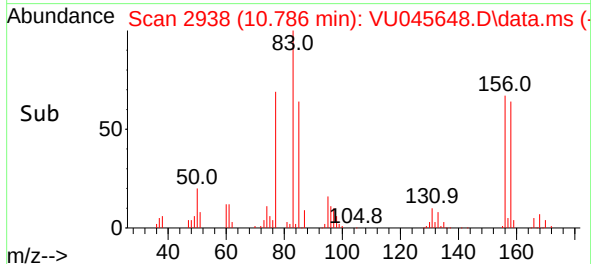
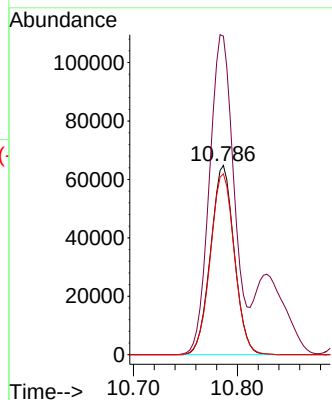
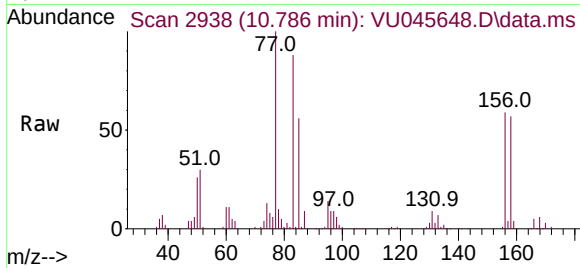




#77  
Bromobenzene  
Concen: 50.799 ug/l  
RT: 10.786 min Scan# 2938  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

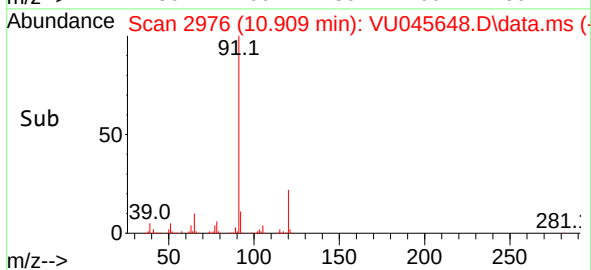
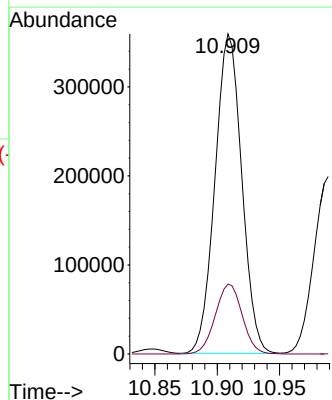
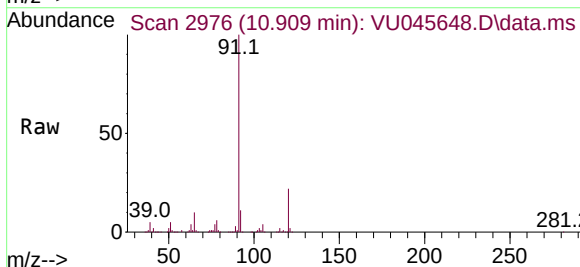
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

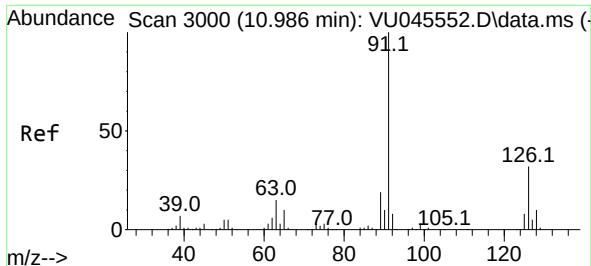
Tgt Ion:156 Resp: 102399  
Ion Ratio Lower Upper  
156 100  
77 176.6 91.1 273.4  
158 97.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 51.904 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 91 Resp: 536336  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.7

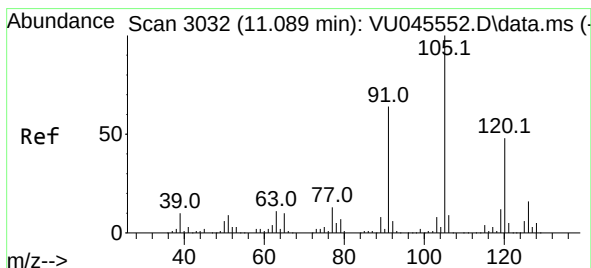
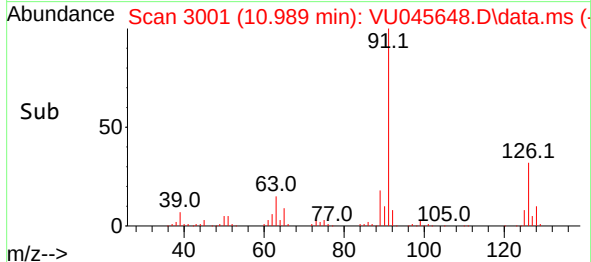
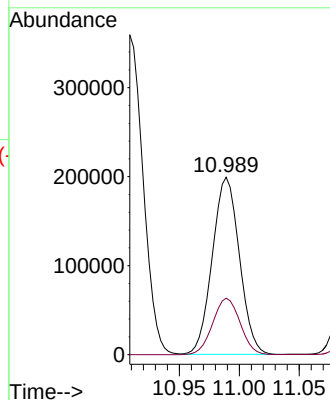
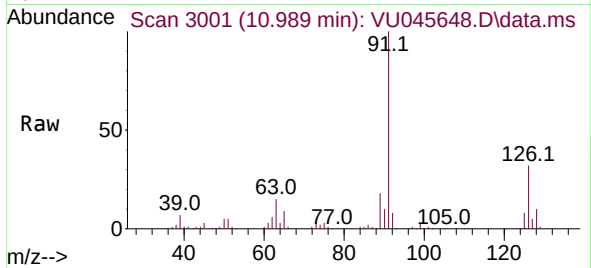




#79  
2-Chlorotoluene  
Concen: 51.172 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

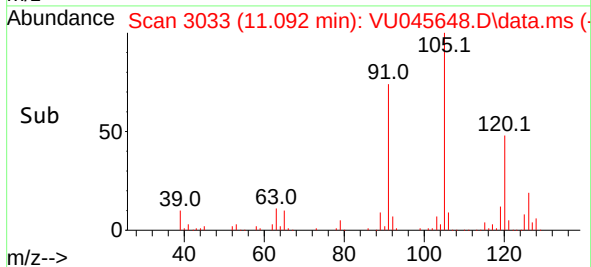
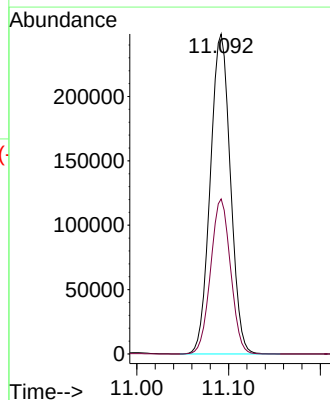
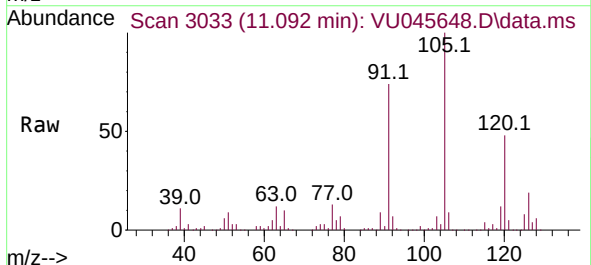
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

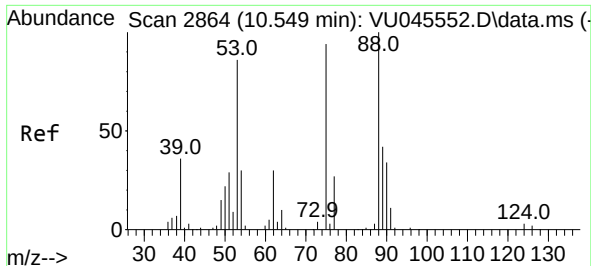
Tgt Ion: 91 Resp: 312402  
Ion Ratio Lower Upper  
91 100  
126 32.3 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 52.222 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion: 105 Resp: 378808  
Ion Ratio Lower Upper  
105 100  
120 47.9 23.9 71.8

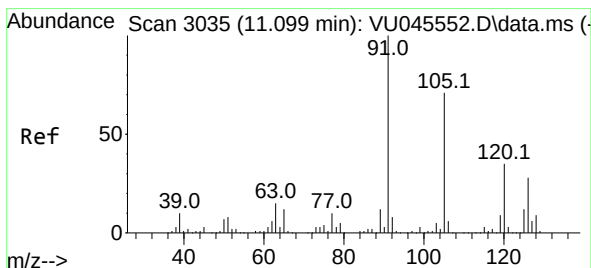
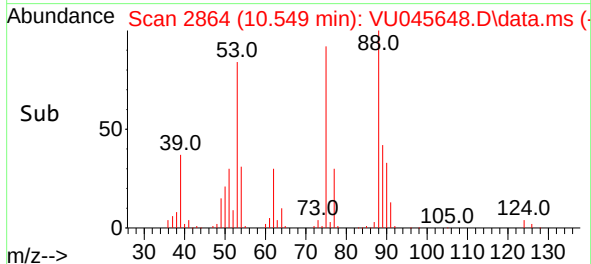
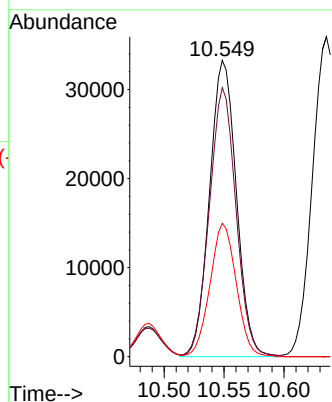
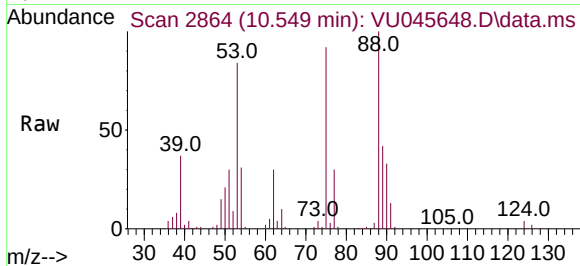




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.318 ug/l  
RT: 10.549 min Scan# 2864  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

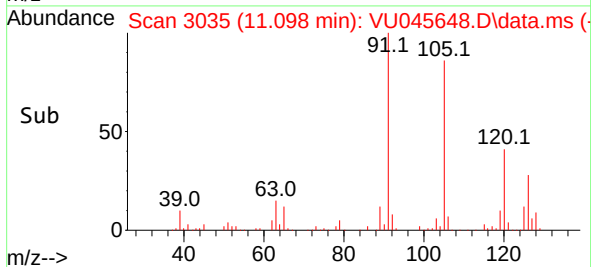
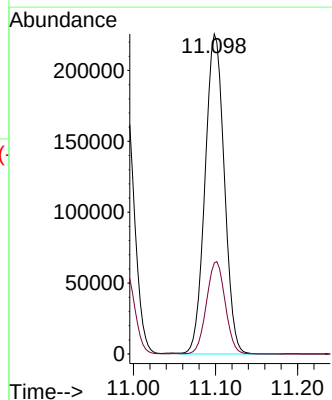
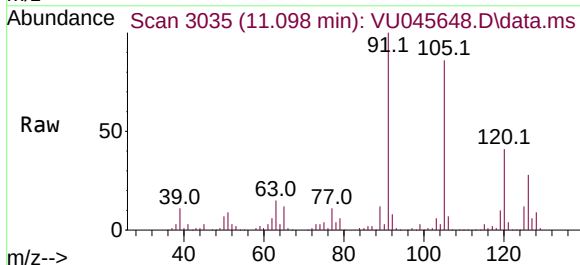
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

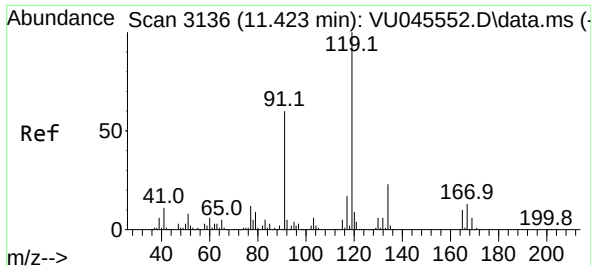
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 51705 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 90.7  | 76.2  | 114.4 |
| 89       | 44.1  | 34.0  | 51.0  |



#82  
4-Chlorotoluene  
Concen: 51.273 ug/l  
RT: 11.098 min Scan# 3035  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 367097 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 28.1  | 13.8  | 41.4   |

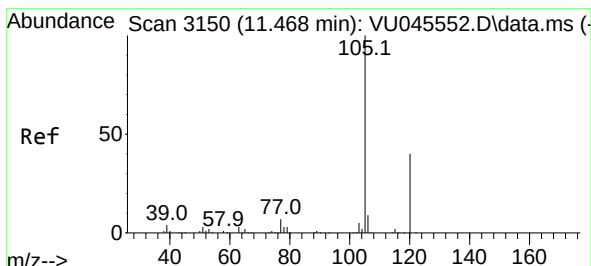
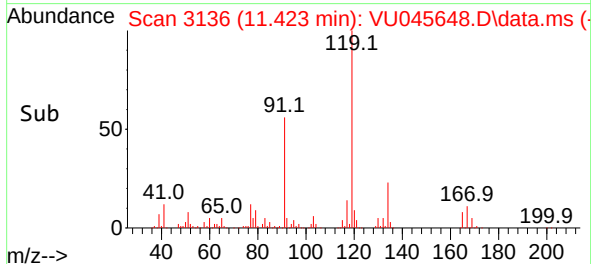
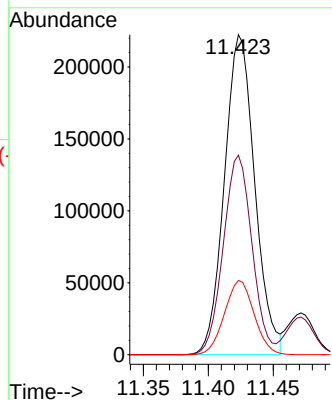
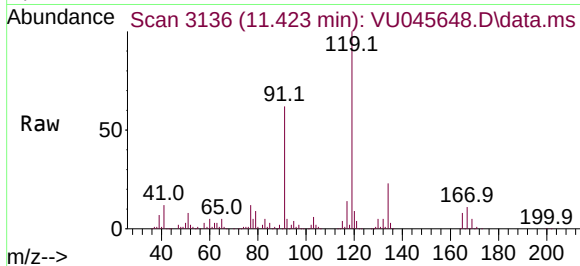




#83  
tert-Butylbenzene  
Concen: 52.289 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

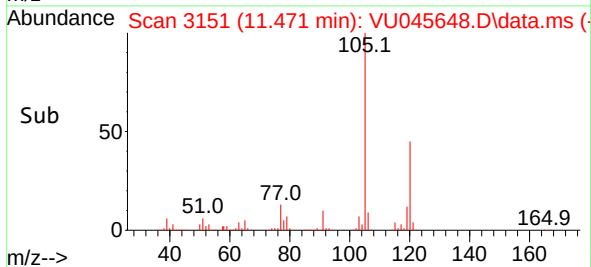
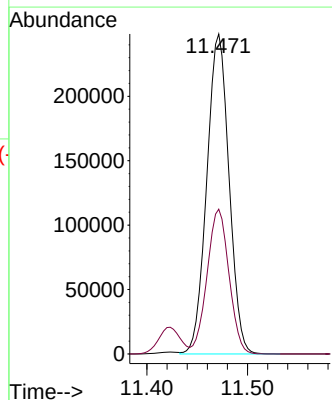
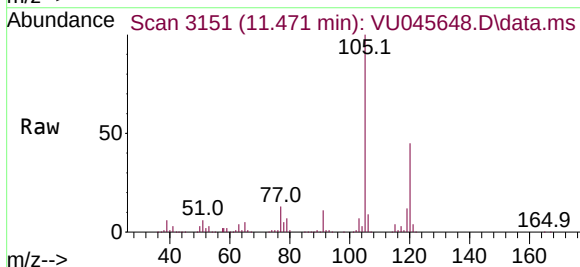
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

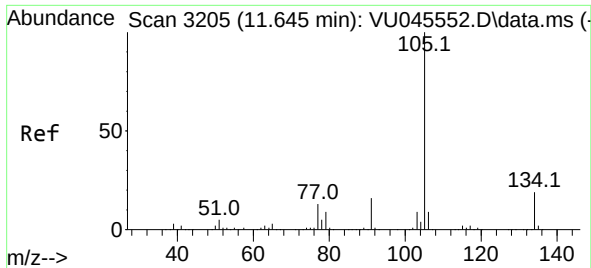
Tgt Ion:119 Resp: 361565  
Ion Ratio Lower Upper  
119 100  
91 59.1 30.5 91.5  
134 22.6 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 52.853 ug/l  
RT: 11.471 min Scan# 3151  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:105 Resp: 381035  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.2 66.6

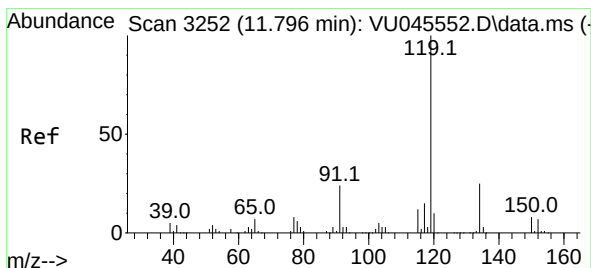
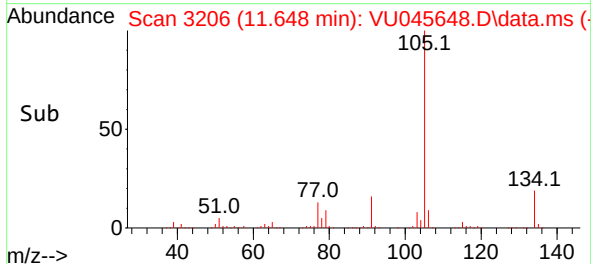
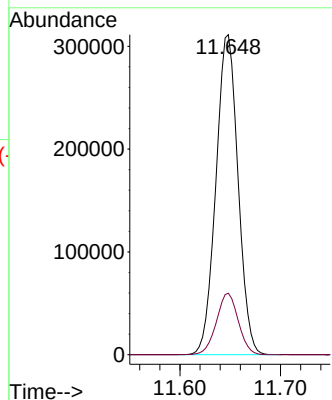
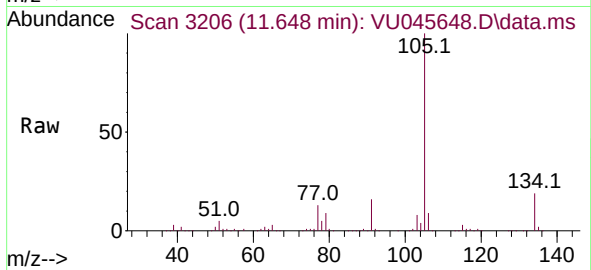




#85  
sec-Butylbenzene  
Concen: 51.803 ug/l  
RT: 11.648 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

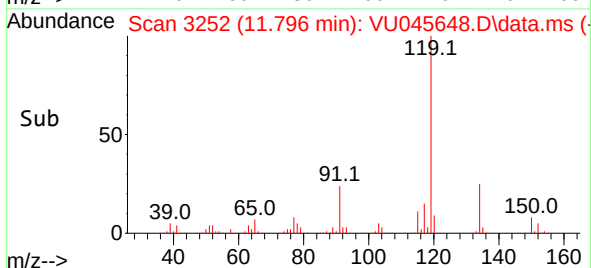
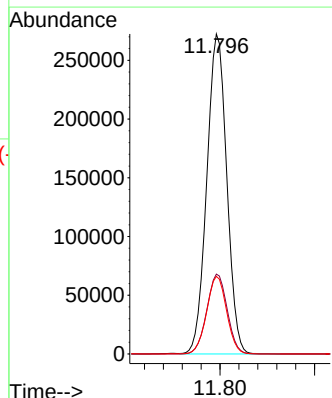
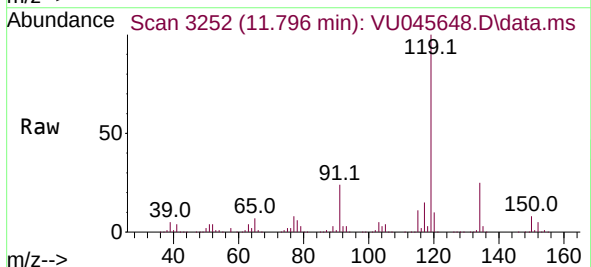
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

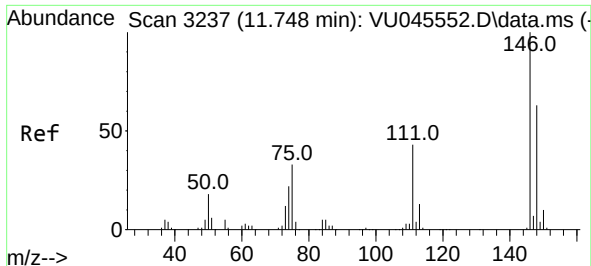
Tgt Ion:105 Resp: 475069  
Ion Ratio Lower Upper  
105 100  
134 19.1 9.4 28.3



#86  
p-Isopropyltoluene  
Concen: 52.135 ug/l  
RT: 11.796 min Scan# 3252  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:119 Resp: 399535  
Ion Ratio Lower Upper  
119 100  
134 25.5 12.7 38.1  
91 24.3 12.2 36.4

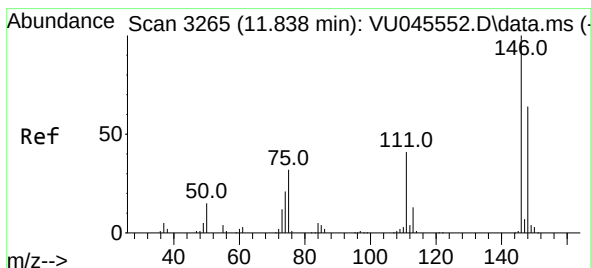
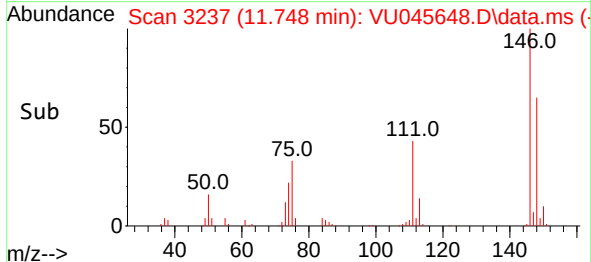
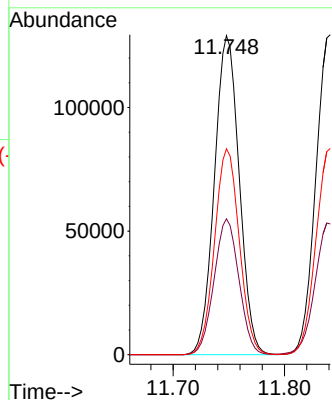
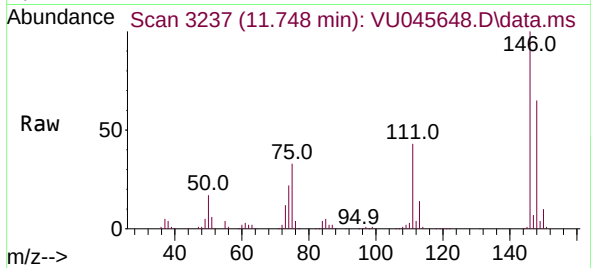




#87  
1,3-Dichlorobenzene  
Concen: 49.160 ug/l  
RT: 11.748 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

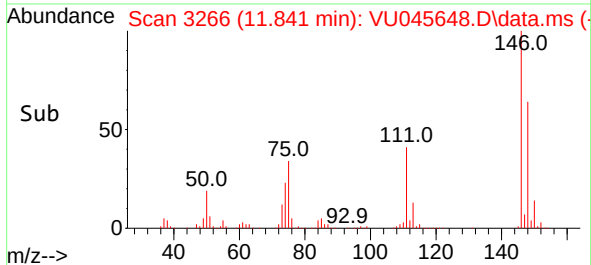
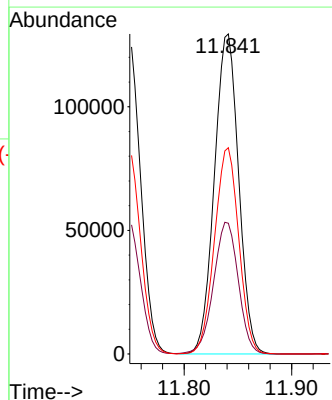
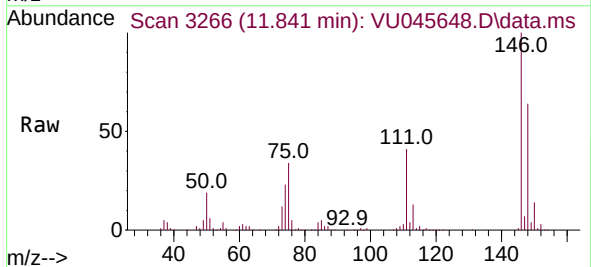
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 199939  
Ion Ratio Lower Upper  
146 100  
111 42.7 21.3 63.9  
148 64.4 31.7 95.1

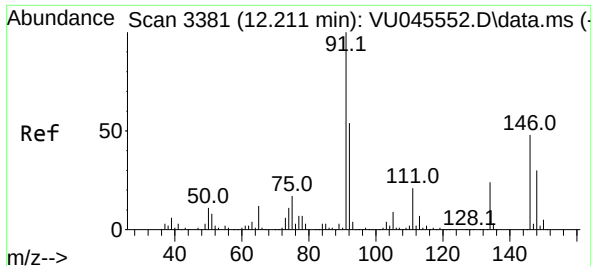


#88  
1,4-Dichlorobenzene  
Concen: 49.346 ug/l  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:146 Resp: 202983  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.6 61.9  
148 64.6 31.9 95.7







#89

n-Butylbenzene

Concen: 51.716 ug/l

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

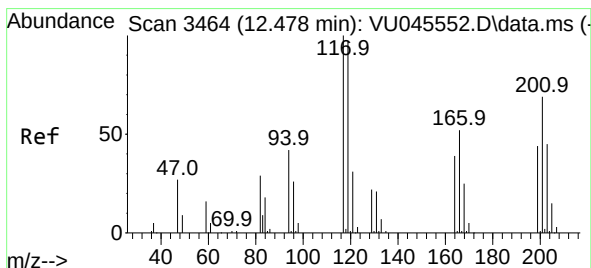
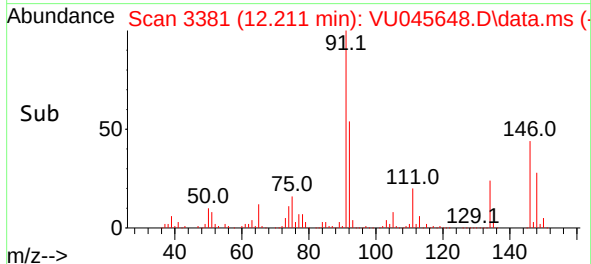
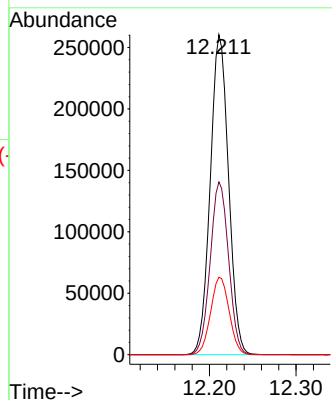
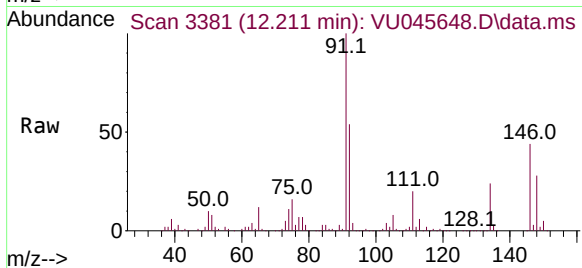
Tgt Ion: 91 Resp: 381771

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 24.5 11.8 35.4



#90

Hexachloroethane

Concen: 49.074 ug/l

RT: 12.481 min Scan# 3465

Delta R.T. 0.003 min

Lab File: VU045648.D

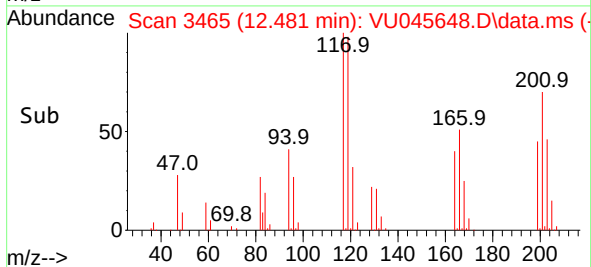
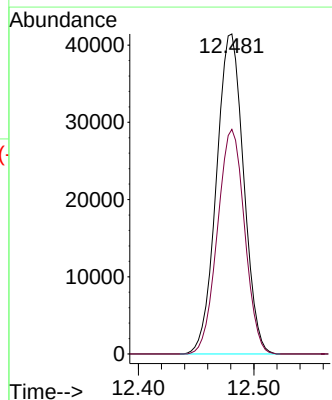
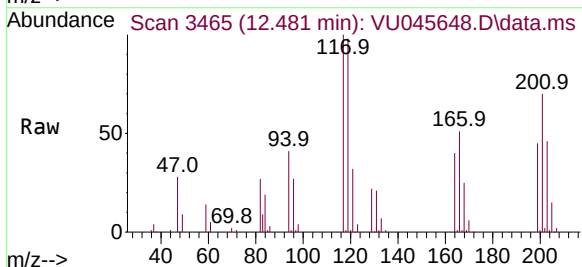
Acq: 09 Nov 2021 10:19

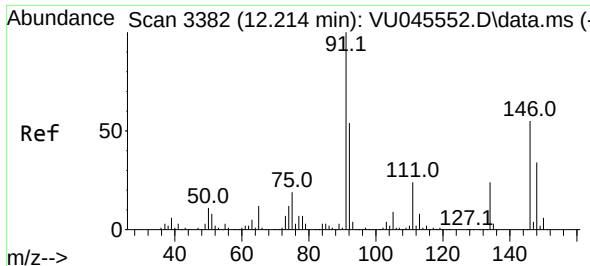
Tgt Ion: 117 Resp: 67843

Ion Ratio Lower Upper

117 100

201 69.9 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 49.650 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

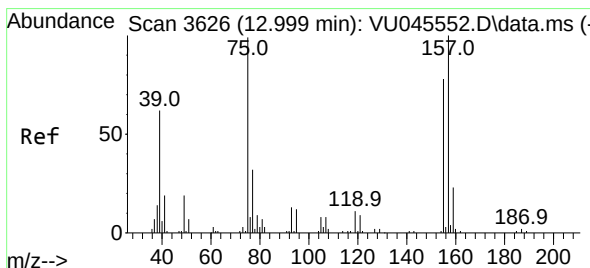
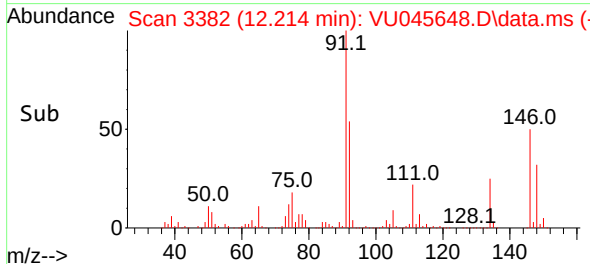
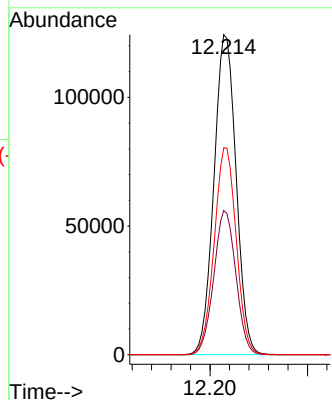
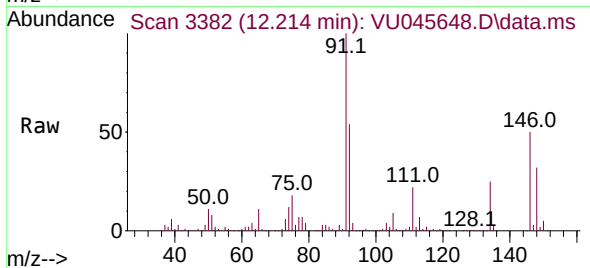
Tgt Ion:146 Resp: 196465

Ion Ratio Lower Upper

146 100

111 44.8 21.9 65.5

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.719 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

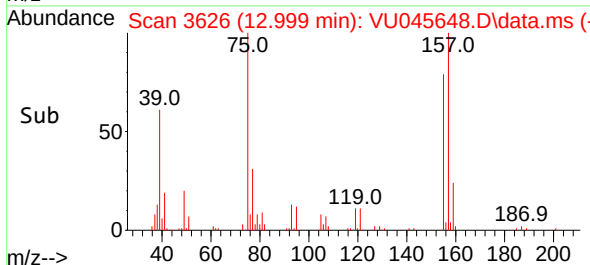
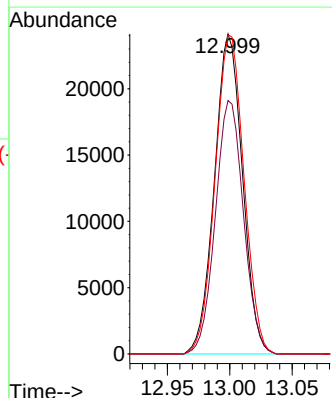
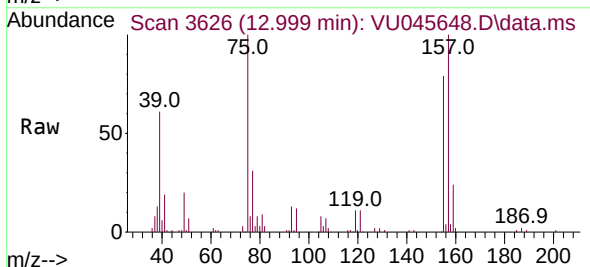
Tgt Ion: 75 Resp: 37814

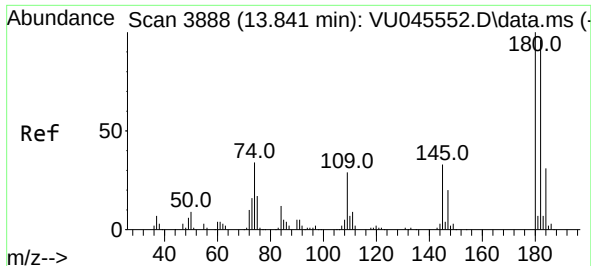
Ion Ratio Lower Upper

75 100

155 79.5 37.8 113.3

157 102.7 48.4 145.2





#93

1,2,4-Trichlorobenzene

Concen: 49.942 ug/l

RT: 13.844 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050

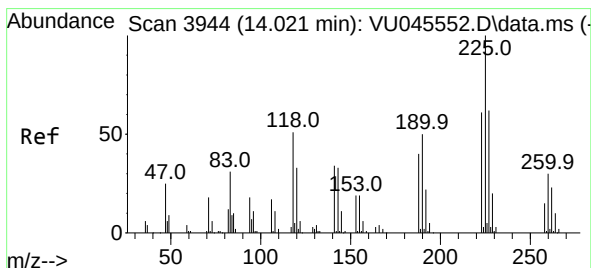
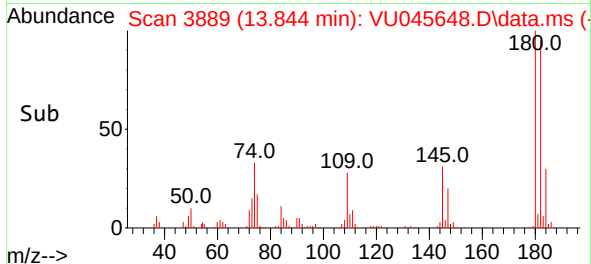
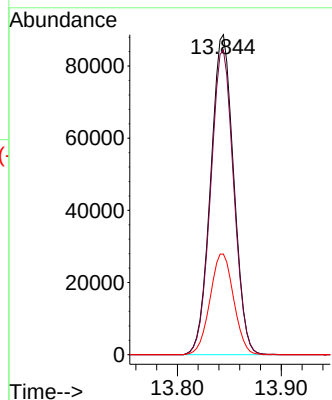
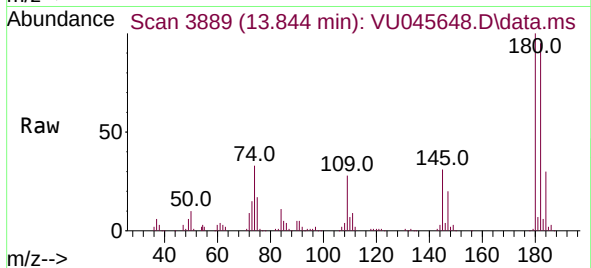
Tgt Ion:180 Resp: 136641

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

145 32.3 15.6 46.7



#94

Hexachlorobutadiene

Concen: 43.675 ug/l

RT: 14.024 min Scan# 3945

Delta R.T. 0.003 min

Lab File: VU045648.D

Acq: 09 Nov 2021 10:19

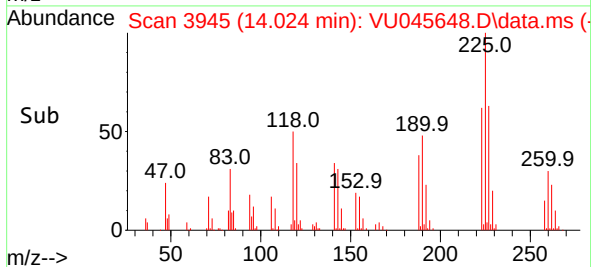
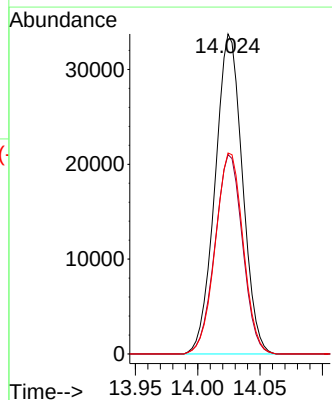
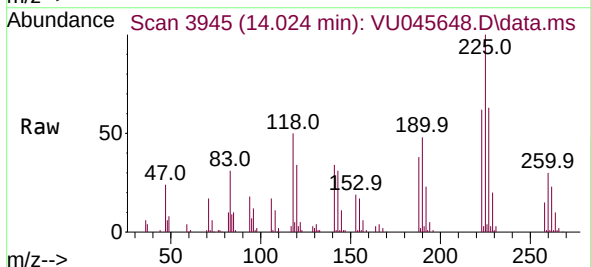
Tgt Ion:225 Resp: 51581

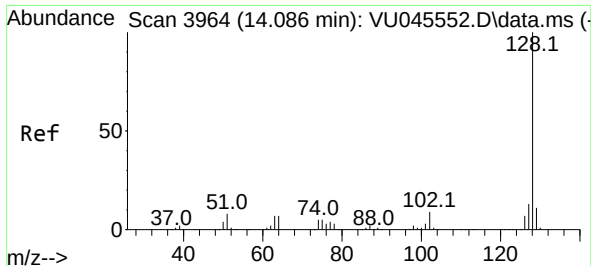
Ion Ratio Lower Upper

225 100

223 62.8 32.0 96.2

227 63.8 31.1 93.5

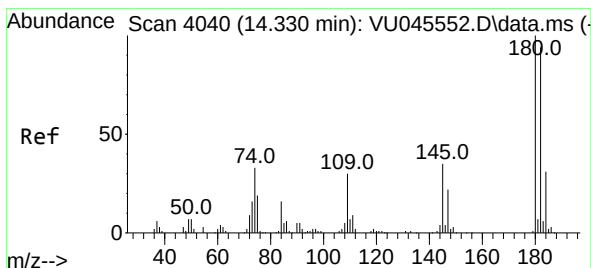
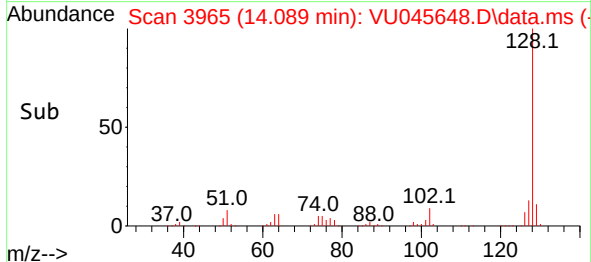
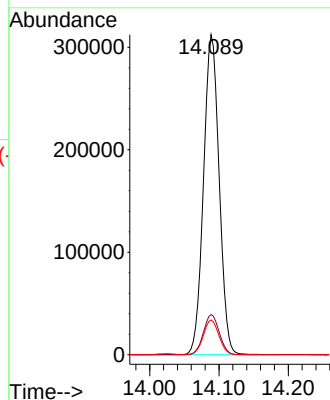
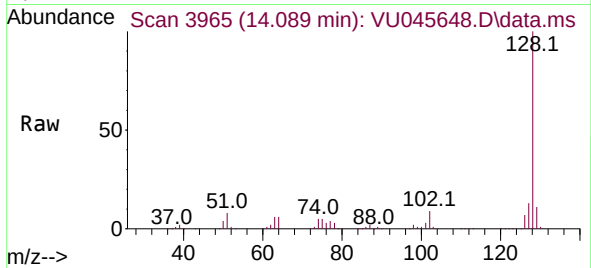




#95  
Naphthalene  
Concen: 47.522 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 488264  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.6 15.8  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 50.769 ug/l  
RT: 14.333 min Scan# 4041  
Delta R.T. 0.003 min  
Lab File: VU045648.D  
Acq: 09 Nov 2021 10:19

Tgt Ion:180 Resp: 137968  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.7 143.1  
145 33.8 16.7 50.0

