

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081722\  
 Data File : VU050354.D  
 Acq On : 17 Aug 2022 11:41  
 Operator : SY/MD  
 Sample : VSTDIC015  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

Quant Time: Aug 17 12:02:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081722DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Aug 17 11:51:32 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.112  | 96   | 45109    | 1.00   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.632 | 95   | 16110    | 0.98   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 98.00%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.192 | 152  | 17893    | 1.18   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 118.00% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 260924   | 15.10  | ug/l    | 100      |
| 3) Chloromethane             | 1.520  | 50   | 283802   | 16.06  | ug/l    | 98       |
| 4) Vinyl Chloride            | 1.604  | 62   | 279064   | 17.32  | ug/l    | 99       |
| 5) Bromomethane              | 1.855  | 94   | 115441   | 13.74  | ug/l    | 98       |
| 6) Chloroethane              | 1.932  | 64   | 163743   | 18.15  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 327597   | 16.97  | ug/l    | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.581  | 101  | 179827   | 17.72  | ug/l    | 96       |
| 9) 1,1-Dichloroethene        | 2.581  | 96   | 183481   | 17.94  | ug/l    | 98       |
| 10) Iodomethane              | 2.723  | 142  | 201835   | 15.56  | ug/l    | 98       |
| 11) Allyl Chloride           | 2.922  | 41   | 285418   | 16.36  | ug/l    | 95       |
| 12) Acrylonitrile            | 3.321  | 53   | 111687   | 40.84  | ug/l    | 93       |
| 13) Acetone                  | 2.633  | 43   | 188717   | 87.46  | ug/l    | 94       |
| 14) Carbon Disulfide         | 2.790  | 76   | 596287   | 17.71  | ug/l    | 99       |
| 15) Methylene Chloride       | 3.044  | 84   | 215703   | 16.84  | ug/l    | 94       |
| 16) trans-1,2-Dichloroethene | 3.350  | 96   | 193823   | 18.05  | ug/l    | 98       |
| 17) 1,1-Dichloroethane       | 3.867  | 63   | 385548   | 17.36  | ug/l    | 99       |
| 18) 2-Butanone               | 4.726  | 43   | 329145   | 89.49  | ug/l    | 99       |
| 19) Cyclohexane              | 5.379  | 56   | 255504   | 12.04  | ug/l    | 89       |
| 20) Methylcyclohexane        | 6.758  | 83   | 294776   | 14.09  | ug/l    | 99       |
| 21) 2,2-Dichloropropane      | 4.658  | 77   | 300609   | 16.54  | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene   | 4.662  | 96   | 218752   | 16.51  | ug/l    | 98       |
| 23) Diethyl Ether            | 2.379  | 59   | 160444   | 18.41  | ug/l    | # 86     |
| 24) tert-Butyl Alcohol       | 3.215  | 59   | 215536   | 216.82 | ug/l    | 99       |
| 25) Methyl tert-Butyl Ether  | 3.369  | 73   | 503966   | 17.62  | ug/l    | 95       |
| 26) Bromochloromethane       | 4.970  | 128  | 97282    | 17.44  | ug/l    | 96       |
| 27) Chloroform               | 5.086  | 83   | 369958   | 16.93  | ug/l    | 97       |
| 28) 1,1,1-Trichloroethane    | 5.308  | 97   | 303659   | 15.75  | ug/l    | 100      |
| 29) 1,1-Dichloropropene      | 5.520  | 75   | 264537   | 15.37  | ug/l    | 99       |
| 30) Carbon Tetrachloride     | 5.517  | 117  | 249892   | 15.40  | ug/l    | 96       |
| 31) Isopropyl Ether          | 4.002  | 45   | 606349   | 15.92  | ug/l    | 98       |
| 32) Ethyl-t-butyl ether      | 4.514  | 59   | 529486   | 14.69  | ug/l    | 99       |
| 33) Tert-Amyl methyl ether   | 5.954  | 73   | 391568   | 12.49  | ug/l    | 99       |
| 34) Propionitrile            | 4.797  | 54   | 107122   | 101.58 | ug/l    | 98       |
| 35) Benzene                  | 5.771  | 78   | 807591   | 16.47  | ug/l    | 98       |
| 36) 1,2-Dichloroethane       | 5.797  | 62   | 237950   | 17.06  | ug/l    | 99       |
| 37) Trichloroethene          | 6.539  | 130  | 196075   | 15.82  | ug/l    | 98       |
| 38) 1,2-Dichloropropane      | 6.793  | 63   | 222305   | 17.12  | ug/l    | 98       |
| 39) Methacrylonitrile        | 4.983  | 41   | 69821    | 15.45  | ug/l    | 94       |
| 40) Methyl acrylate          | 4.858  | 55   | 135594   | 19.16  | ug/l    | 99       |
| 41) Tetrahydrofuran          | 5.076  | 42   | 73203    | 27.41  | ug/l    | 96       |
| 42) 1-Chlorobutane           | 5.453  | 56   | 361722   | 14.99  | ug/l    | 96       |
| 43) Dibromomethane           | 6.919  | 93   | 117227   | 18.12  | ug/l    | 97       |
| 44) Bromodichloromethane     | 7.108  | 83   | 277527   | 17.90  | ug/l    | 97       |

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 Data File : VU050354.D  
 Acq On : 17 Aug 2022 11:41  
 Operator : SY/MD  
 Sample : VSTDICC015  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

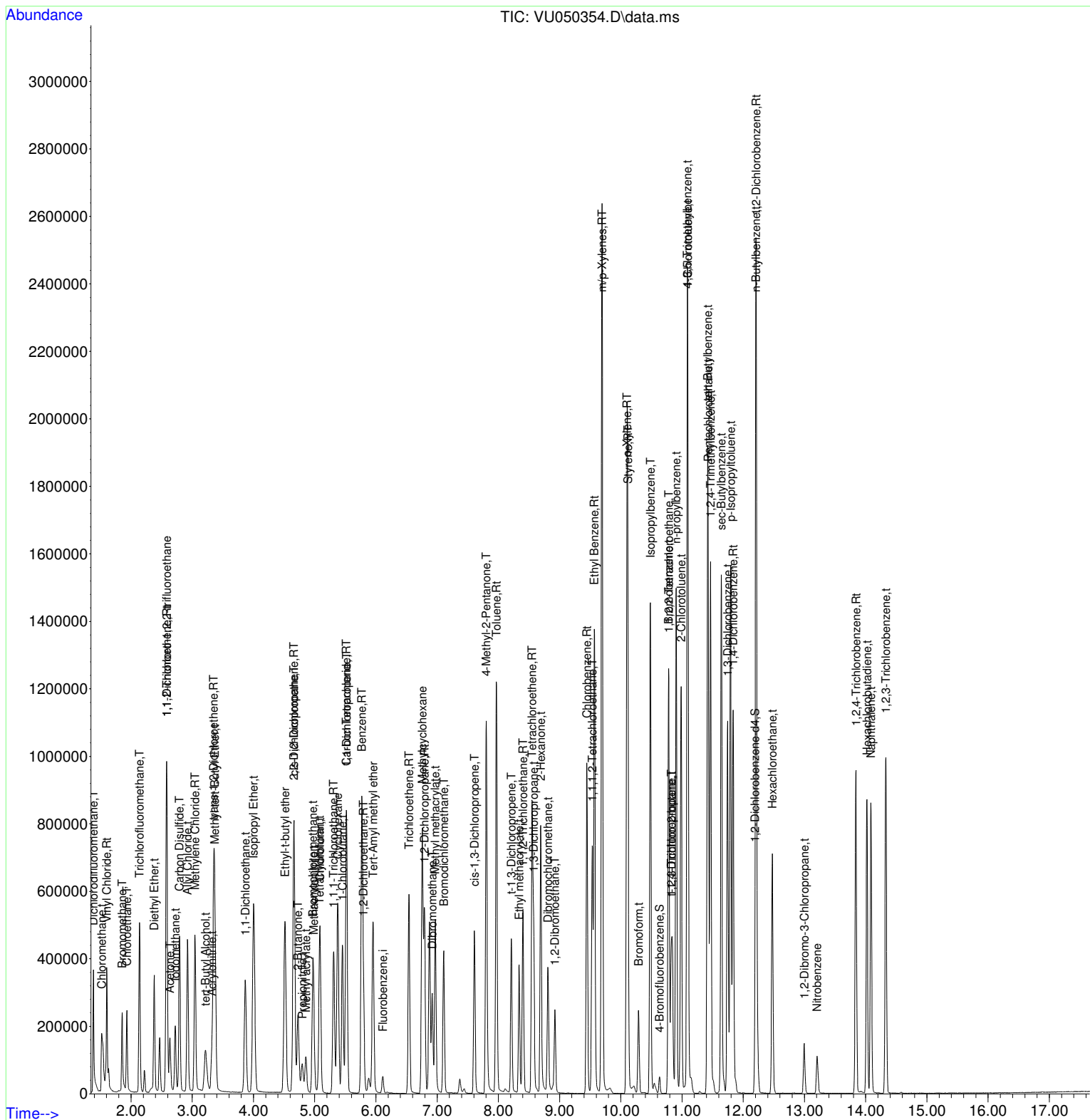
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC015

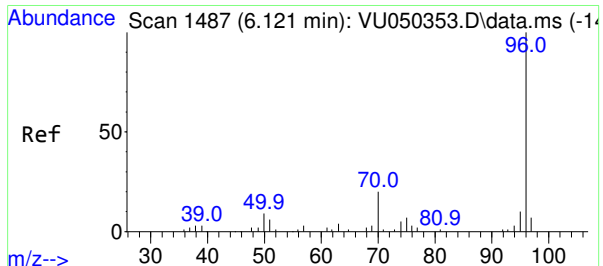
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081722DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Aug 17 11:51:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.803  | 43   | 715665   | 81.50  | ug/l   | 98       |
| 46) t-1,4-Dichloro-2-butene   | 10.825 | 75   | 261686   | 91.57  | ug/l # | 48       |
| 47) Methyl methacrylate       | 6.970  | 69   | 228956   | 35.09  | ug/l   | 92       |
| 48) Ethyl methacrylate        | 8.340  | 69   | 209203   | 15.98  | ug/l   | 91       |
| 49) Toluene                   | 7.967  | 92   | 503362   | 16.81  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.211  | 75   | 253500   | 16.92  | ug/l   | 100      |
| 51) cis-1,3-Dichloropropene   | 7.610  | 75   | 288278   | 16.24  | ug/l   | 94       |
| 52) 1,1,2-Trichloroethane     | 8.401  | 97   | 168032   | 18.82  | ug/l   | 99       |
| 53) 1,3-Dichloropropane       | 8.578  | 76   | 284649   | 17.76  | ug/l   | 99       |
| 54) 2-Hexanone                | 8.694  | 43   | 501936   | 82.30  | ug/l   | 97       |
| 55) Dibromochloromethane      | 8.809  | 129  | 189768   | 18.60  | ug/l   | 100      |
| 56) 1,2-Dibromoethane         | 8.925  | 107  | 158954   | 18.38  | ug/l   | 99       |
| 58) Tetrachloroethene         | 8.552  | 164  | 181918   | 17.65  | ug/l   | 99       |
| 59) Chlorobenzene             | 9.446  | 112  | 521488   | 16.64  | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane | 9.533  | 131  | 195234   | 17.52  | ug/l   | 98       |
| 61) Pentachloroethane         | 11.427 | 117  | 161518   | 18.87  | ug/l   | 98       |
| 62) Hexachloroethane          | 12.475 | 117  | 140729   | 16.42  | ug/l   | 100      |
| 63) Ethyl Benzene             | 9.568  | 91   | 949748   | 16.84  | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.694  | 106  | 744027   | 35.66  | ug/l   | 98       |
| 65) o-Xylene                  | 10.099 | 106  | 345832   | 16.87  | ug/l   | 99       |
| 66) Styrene                   | 10.115 | 104  | 611536   | 18.56  | ug/l   | 98       |
| 67) Bromoform                 | 10.292 | 173  | 111518   | 19.16  | ug/l   | 100      |
| 69) Isopropylbenzene          | 10.485 | 105  | 915833   | 16.72  | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 237618   | 20.48  | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane    | 10.825 | 75   | 261686   | 27.25  | ug/l   | 75       |
| 72) Bromobenzene              | 10.780 | 156  | 223703   | 18.13  | ug/l   | 98       |
| 73) n-propylbenzene           | 10.906 | 120  | 249091   | 18.02  | ug/l   | 100      |
| 74) 2-Chlorotoluene           | 10.986 | 126  | 225627   | 18.31  | ug/l   | 97       |
| 75) 1,3,5-Trimethylbenzene    | 11.086 | 105  | 812337   | 17.74  | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.095 | 126  | 227272   | 18.39  | ug/l   | 90       |
| 77) tert-Butylbenzene         | 11.420 | 119  | 764849   | 16.97  | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.465 | 105  | 824260   | 17.93  | ug/l   | 96       |
| 79) sec-Butylbenzene          | 11.642 | 105  | 1051523  | 17.78  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.208 | 77   | 72711    | 153.21 | ug/l   | 96       |
| 81) p-Isopropyltoluene        | 11.793 | 119  | 870623   | 18.15  | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.745 | 146  | 457346   | 19.16  | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.835 | 146  | 462632   | 19.20  | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.208 | 91   | 830065   | 18.58  | ug/l   | 98       |
| 85) 1,2-Dichlorobenzene       | 12.211 | 146  | 453105   | 19.59  | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 40085    | 19.81  | ug/l   | 99       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 299692   | 19.21  | ug/l   | 98       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 158257   | 19.90  | ug/l   | 99       |
| 89) Naphthalene               | 14.086 | 128  | 695797   | 21.27  | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 308597   | 20.71  | ug/l   | 99       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081722DW.M  
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QLast Update : Wed Aug 17 11:51:32 2022  
Response via : Initial Calibration

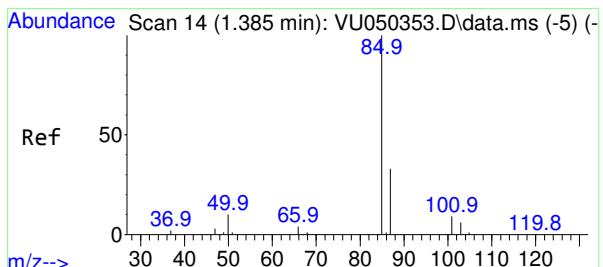
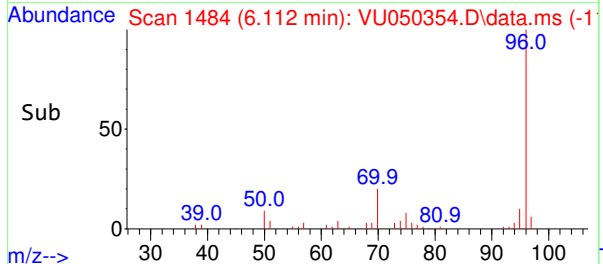
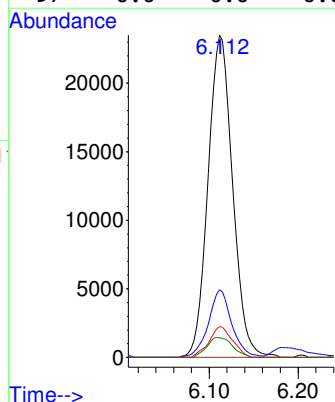
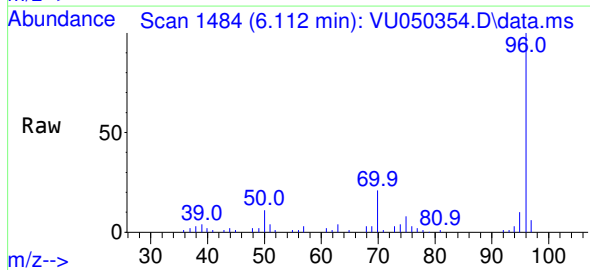




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.112 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

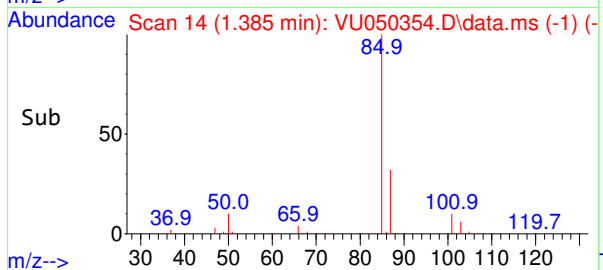
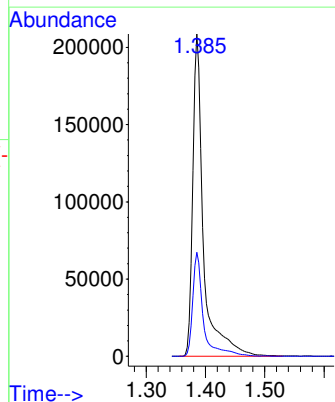
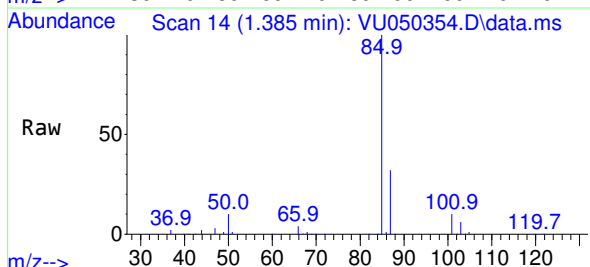
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

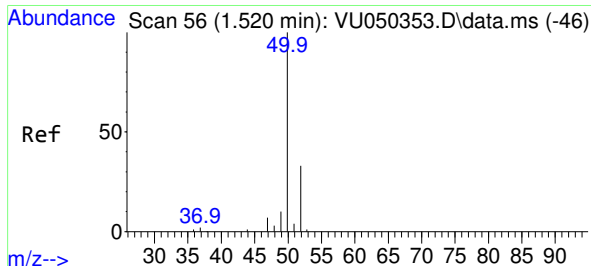
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 45109 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 19.4  | 16.7  | 25.1  |
| 95       | 9.1   | 7.4   | 11.0  |
| 97       | 0.0   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 15.10 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 85    | Resp: | 260924 |
| Ion      | Ratio | Lower | Upper  |
| 85       | 100   |       |        |
| 87       | 32.3  | 16.3  | 48.8   |

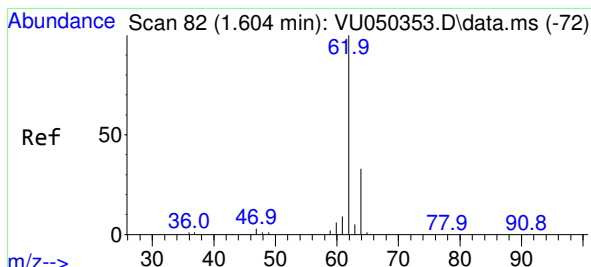
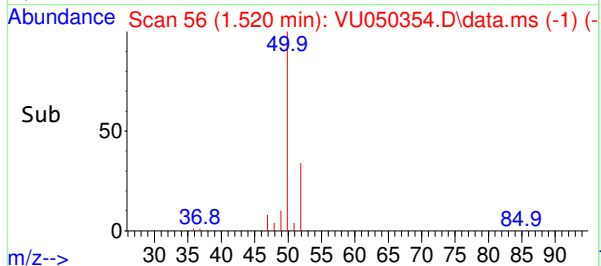
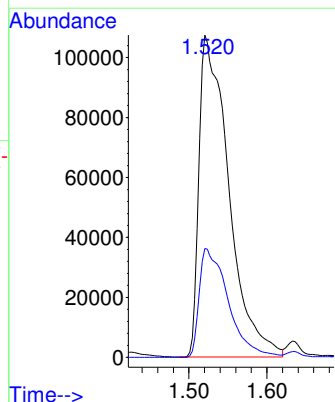
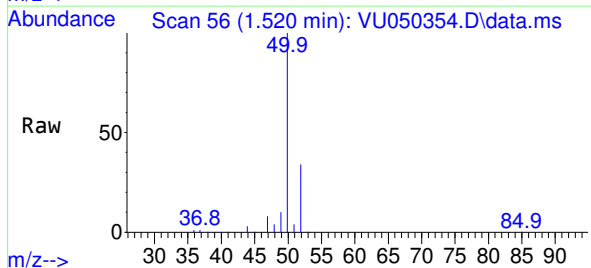




#3  
Chloromethane  
Concen: 16.06 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

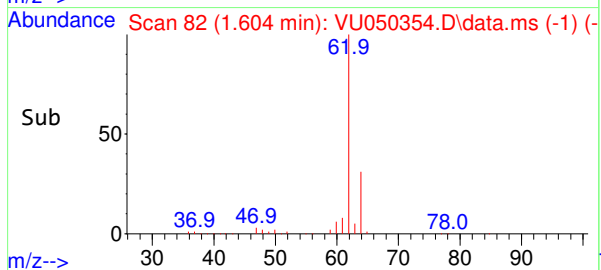
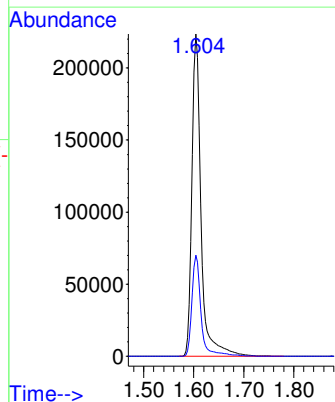
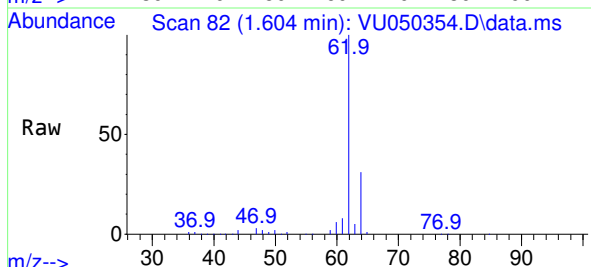
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

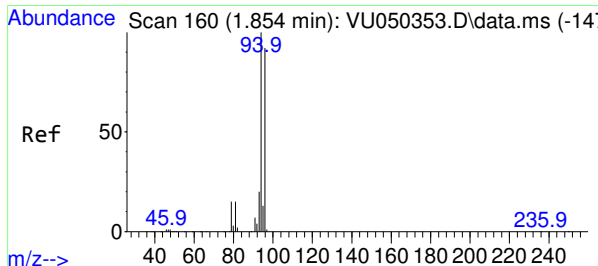
Tgt Ion: 50 Resp: 283802  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.1 39.1



#4  
Vinyl Chloride  
Concen: 17.32 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 62 Resp: 279064  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.5 38.3

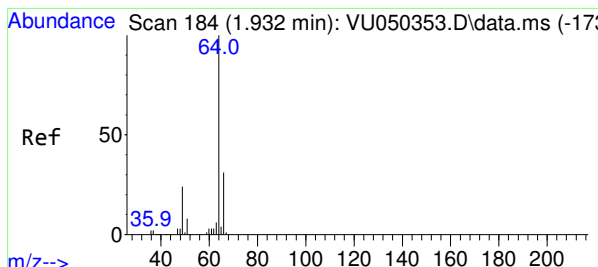
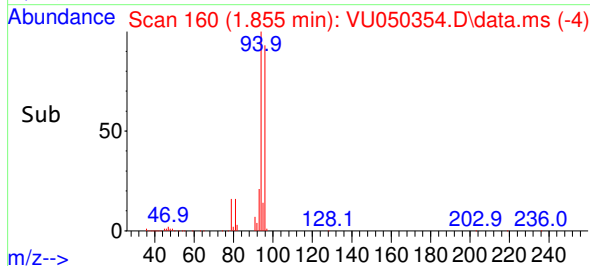
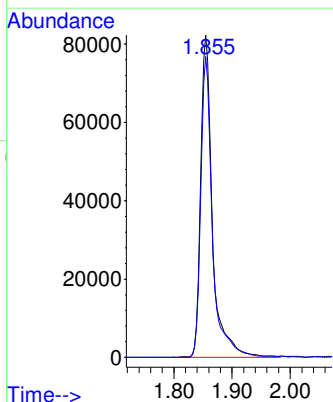
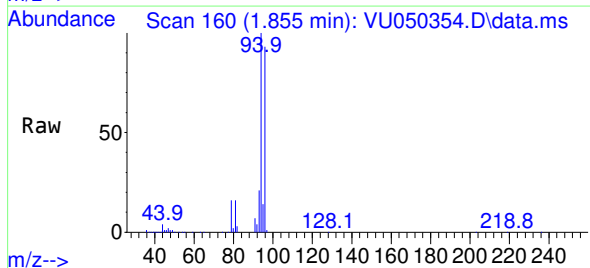




#5  
Bromomethane  
Concen: 13.74 ug/l  
RT: 1.855 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

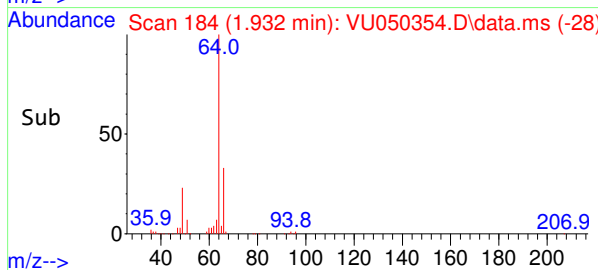
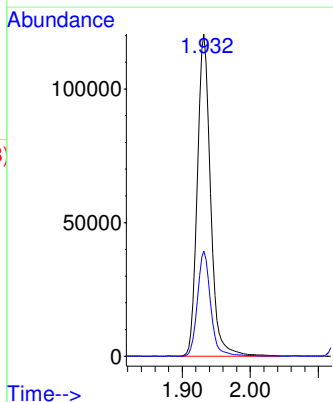
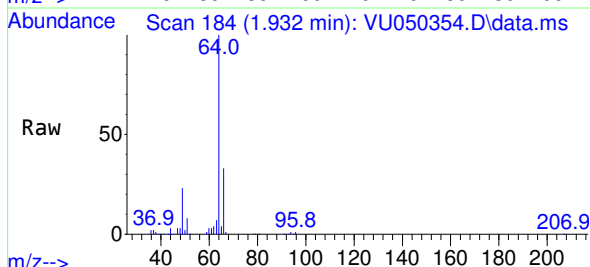
Instrument :  
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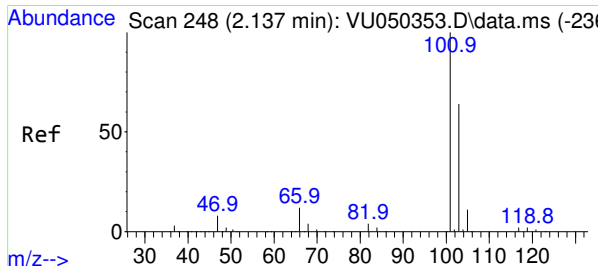
Tgt Ion: 94 Resp: 115441  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.0 109.6



#6  
Chloroethane  
Concen: 18.15 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 64 Resp: 163743  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.8 38.6

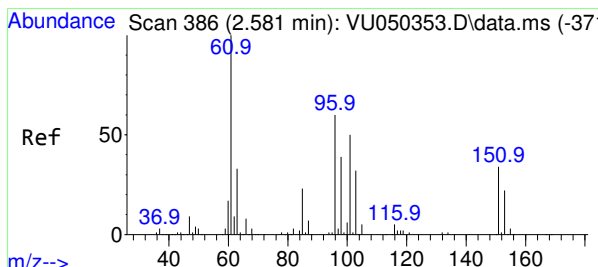
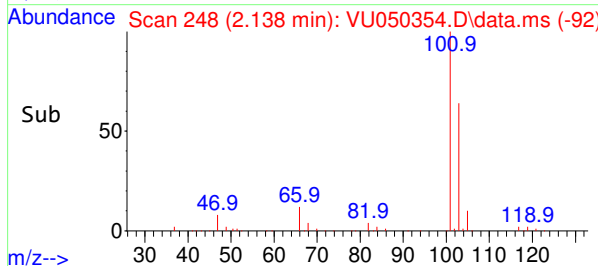
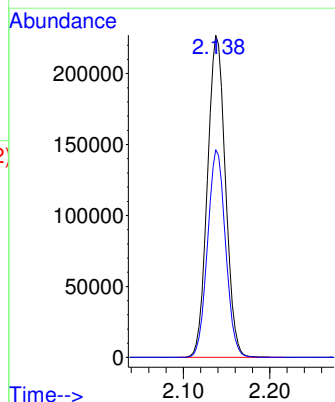
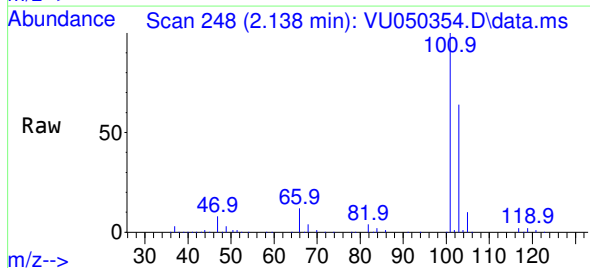




#7  
Trichlorofluoromethane  
Concen: 16.97 ug/l  
RT: 2.138 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

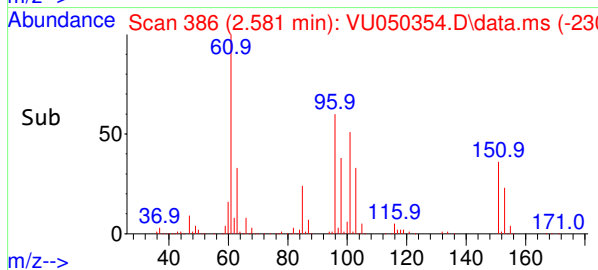
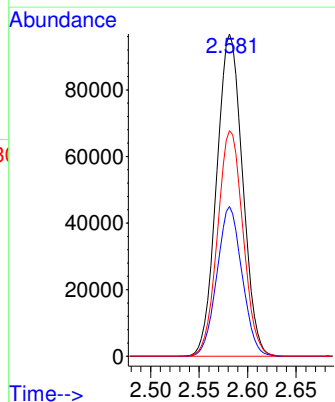
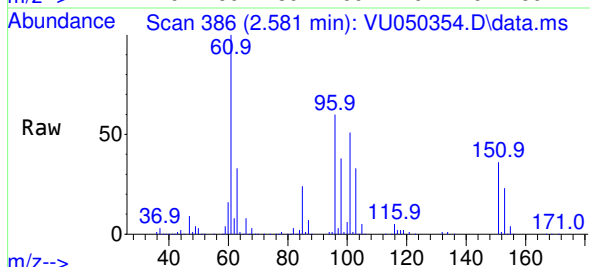
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MSVOA\_U  
ClientSampleId :  
VSTDIC015

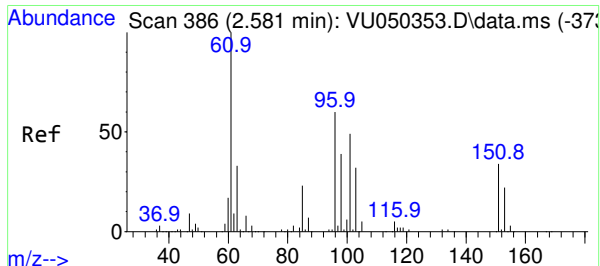
Tgt Ion:101 Resp: 327597  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.8 77.6



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 17.72 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:101 Resp: 179827  
Ion Ratio Lower Upper  
101 100  
85 45.1 36.4 54.6  
151 69.0 59.1 88.7

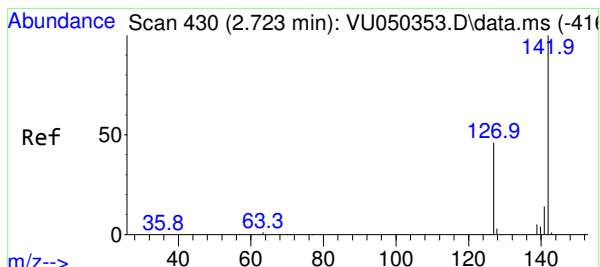
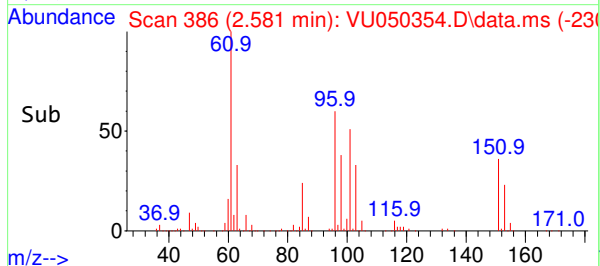
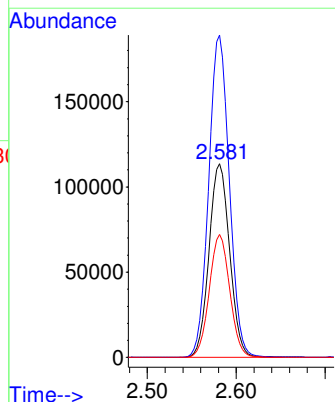
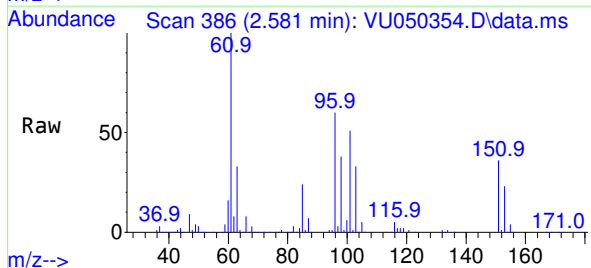




#9  
1,1-Dichloroethene  
Concen: 17.94 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

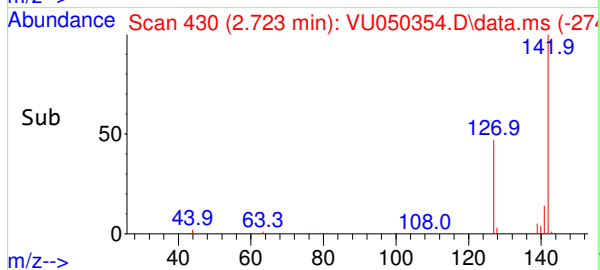
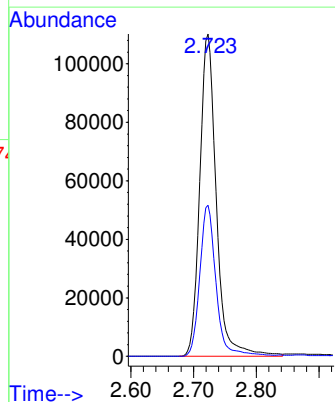
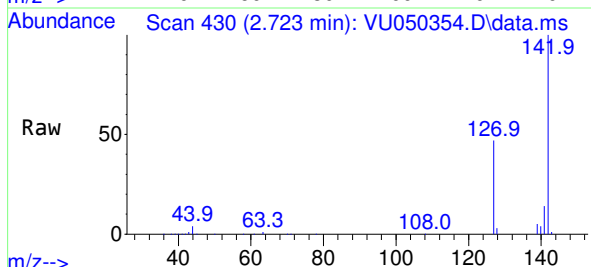
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

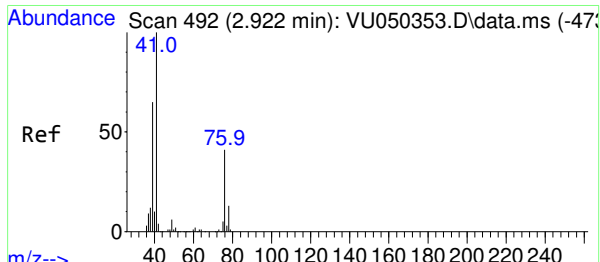
Tgt Ion: 96 Resp: 183481  
Ion Ratio Lower Upper  
96 100  
61 166.4 0.0 510.6  
98 63.4 0.0 124.6



#10  
Iodomethane  
Concen: 15.56 ug/l  
RT: 2.723 min Scan# 430  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 142 Resp: 201835  
Ion Ratio Lower Upper  
142 100  
127 46.1 38.2 57.2

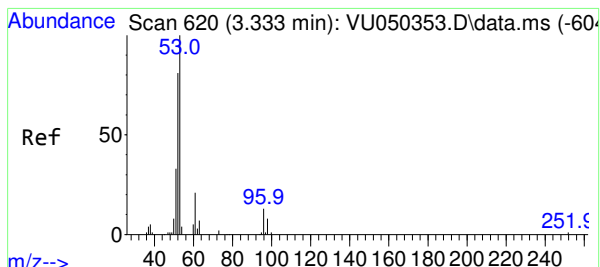
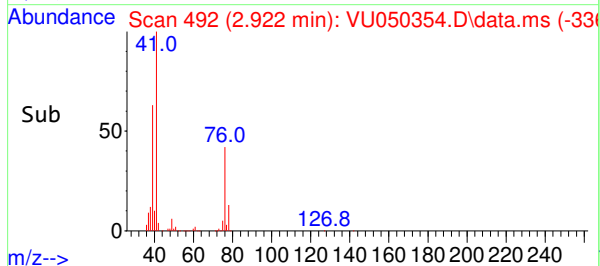
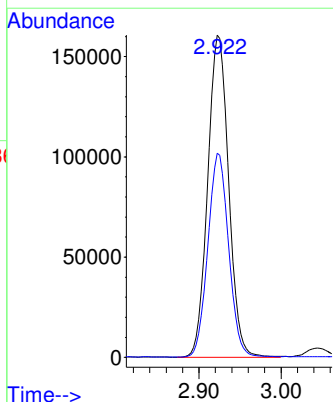
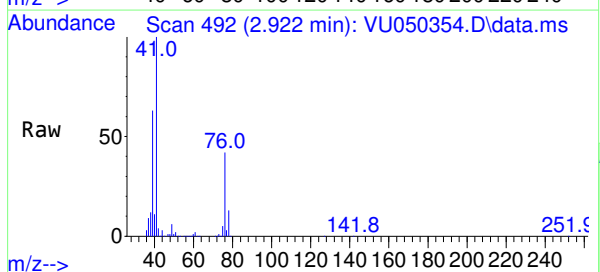




#11  
 Allyl Chloride  
 Concen: 16.36 ug/l  
 RT: 2.922 min Scan# 411  
 Delta R.T. 0.000 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

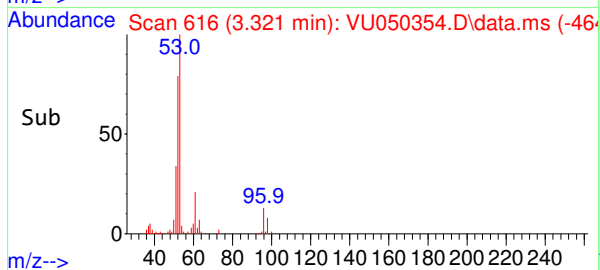
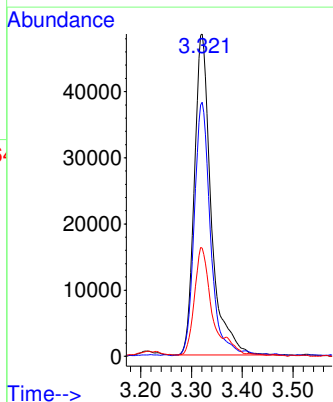
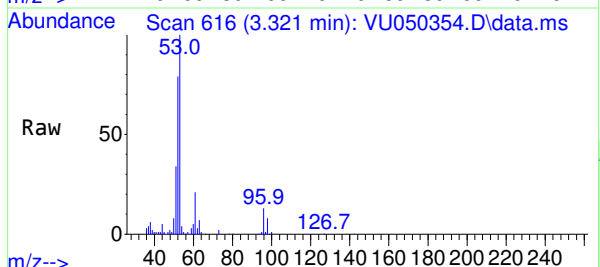
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

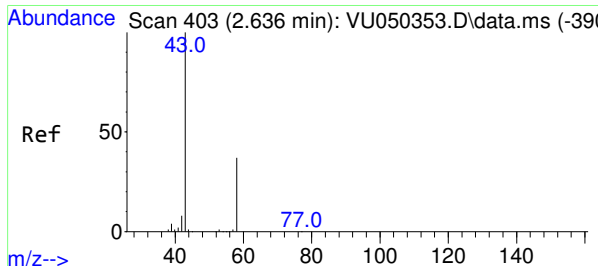
Tgt Ion: 41 Resp: 285418  
 Ion Ratio Lower Upper  
 41 100  
 39 62.4 53.2 79.8



#12  
 Acrylonitrile  
 Concen: 40.84 ug/l  
 RT: 3.321 min Scan# 616  
 Delta R.T. -0.013 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

Tgt Ion: 53 Resp: 111687  
 Ion Ratio Lower Upper  
 53 100  
 52 75.7 64.6 97.0  
 51 31.7 30.7 46.1

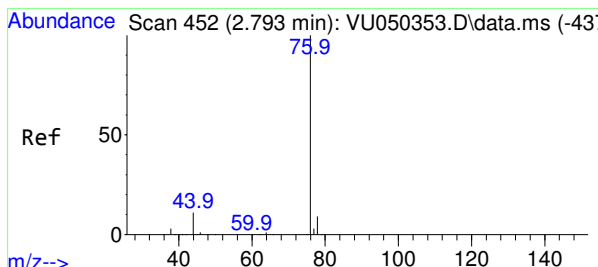
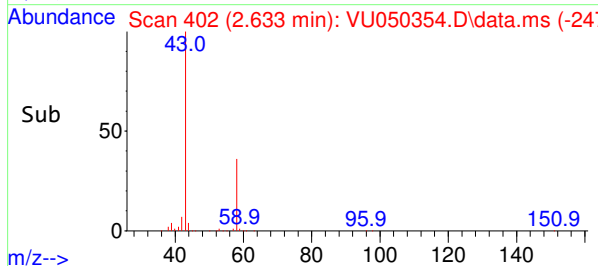
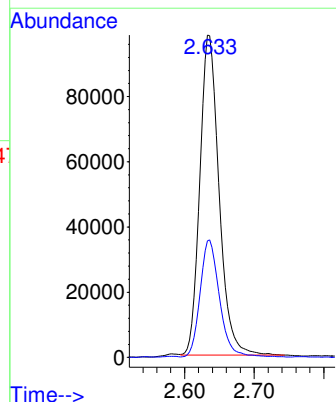
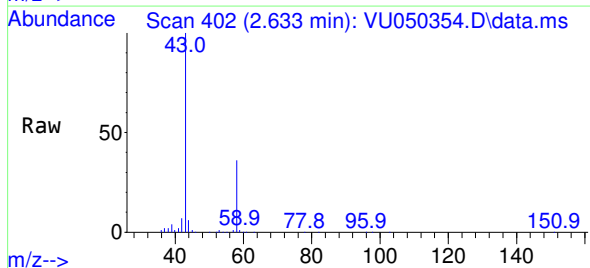




#13  
Acetone  
Concen: 87.46 ug/l  
RT: 2.633 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

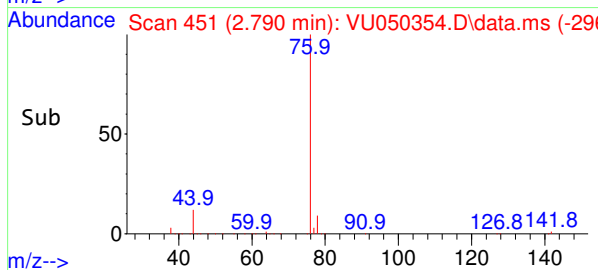
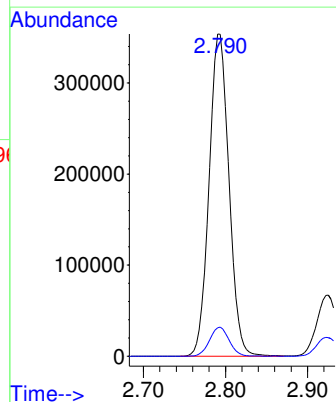
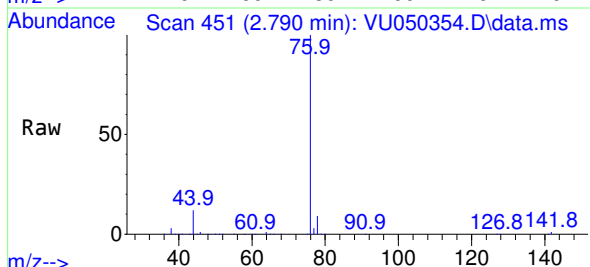
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

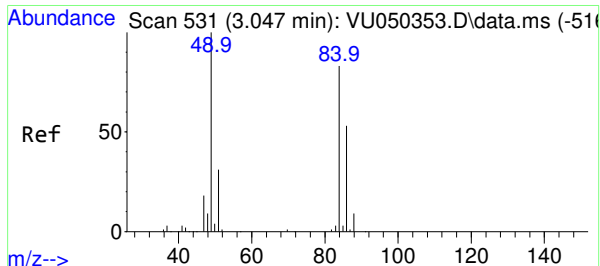
Tgt Ion: 43 Resp: 188717  
Ion Ratio Lower Upper  
43 100  
58 36.2 26.2 39.2



#14  
Carbon Disulfide  
Concen: 17.71 ug/l  
RT: 2.790 min Scan# 451  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 76 Resp: 596287  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



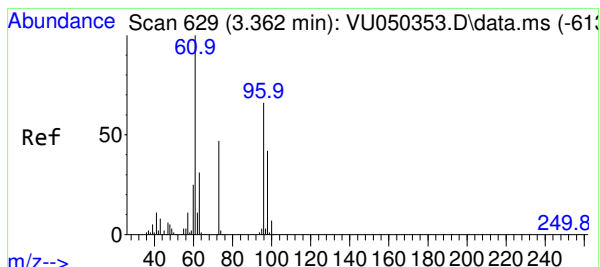
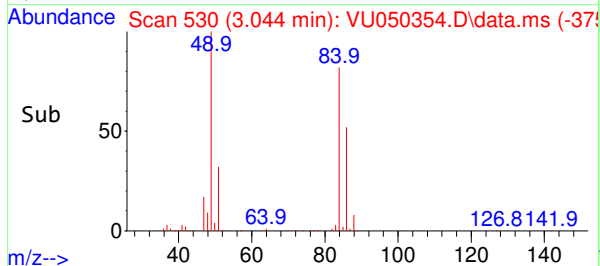
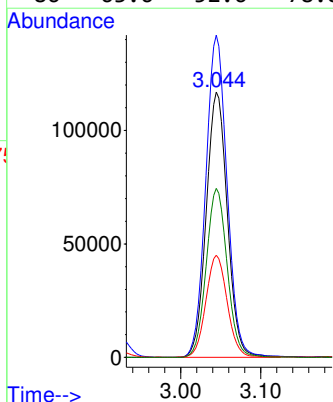
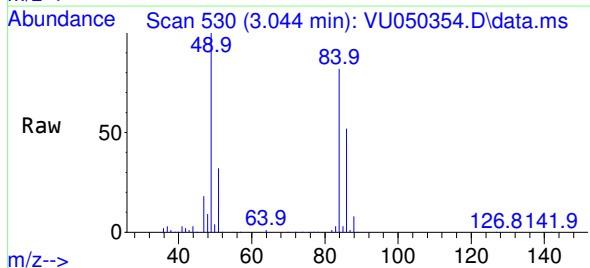


#15  
Methylene Chloride  
Concen: 16.84 ug/l  
RT: 3.044 min Scan# 531  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

Tgt Ion: 84 Resp: 215703

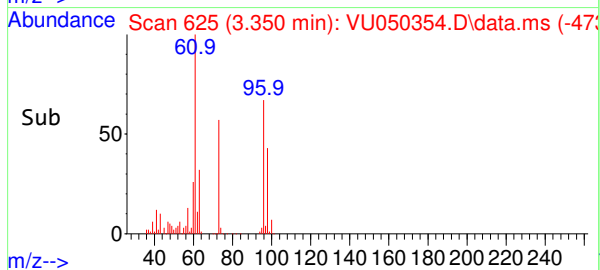
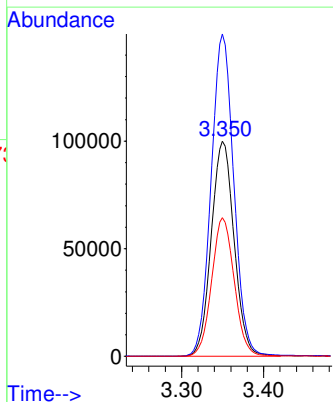
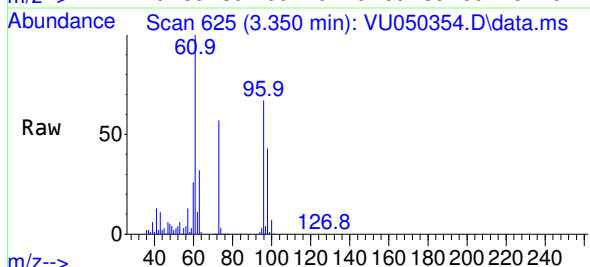
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 121.5 | 104.6 | 157.0 |
| 51  | 38.4  | 0.0   | 81.4  |
| 86  | 63.6  | 52.6  | 78.8  |

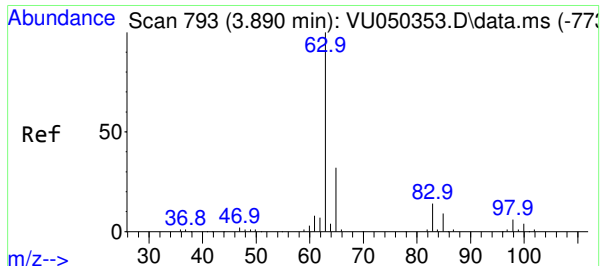


#16  
trans-1,2-Dichloroethene  
Concen: 18.05 ug/l  
RT: 3.350 min Scan# 625  
Delta R.T. -0.013 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 96 Resp: 193823

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 150.0 | 123.4 | 185.0 |
| 98  | 64.5  | 51.6  | 77.4  |

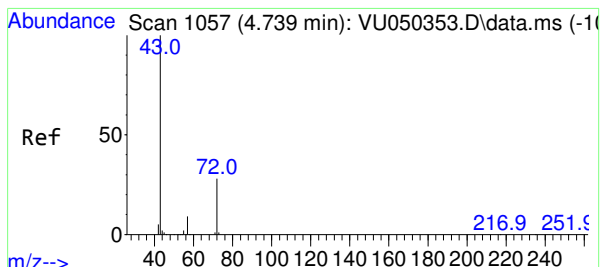
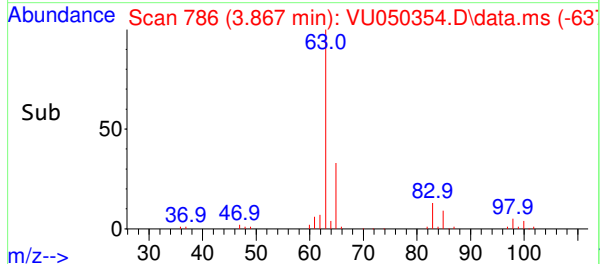
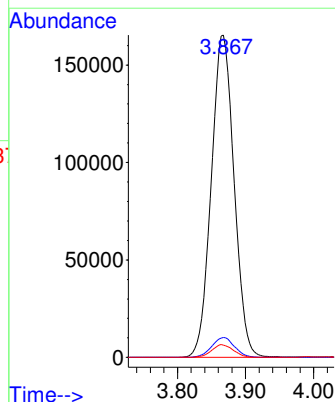
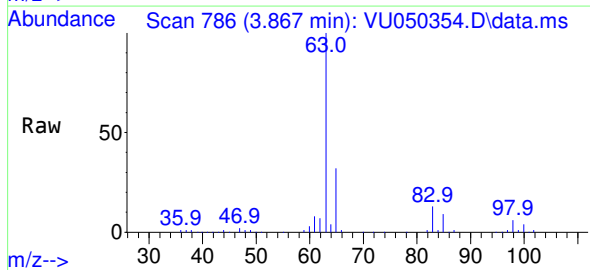




#17  
1,1-Dichloroethane  
Concen: 17.36 ug/l  
RT: 3.867 min Scan# 71  
Delta R.T. -0.022 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

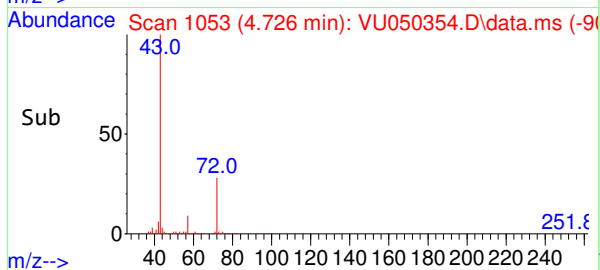
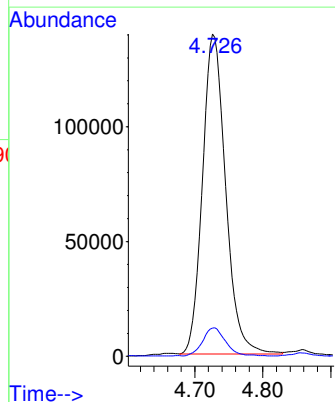
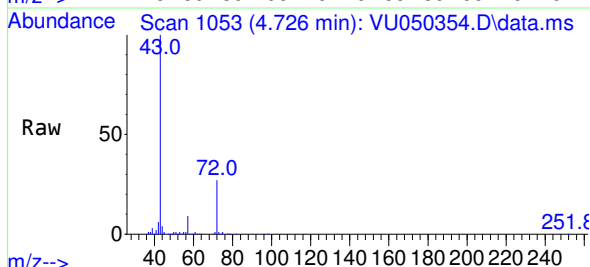
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

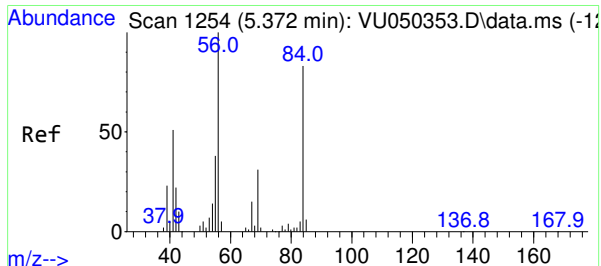
Tgt Ion: 63 Resp: 385548  
Ion Ratio Lower Upper  
63 100  
98 6.2 3.4 10.2  
100 3.9 2.0 6.0



#18  
2-Butanone  
Concen: 89.49 ug/l  
RT: 4.726 min Scan# 1053  
Delta R.T. -0.013 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 43 Resp: 329145  
Ion Ratio Lower Upper  
43 100  
57 8.6 0.0 18.0



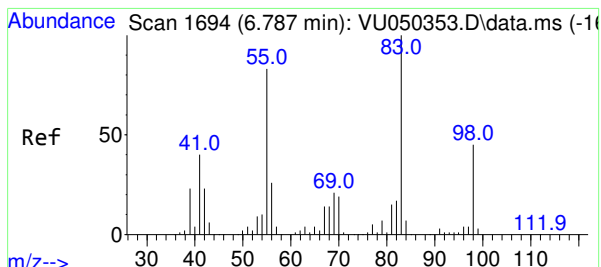
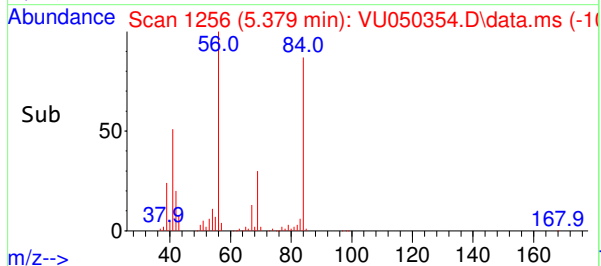
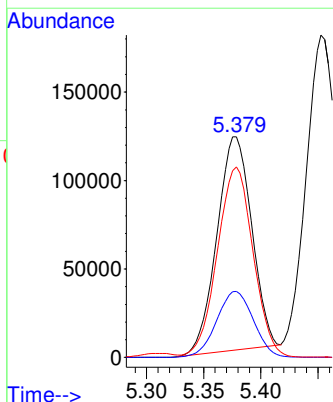
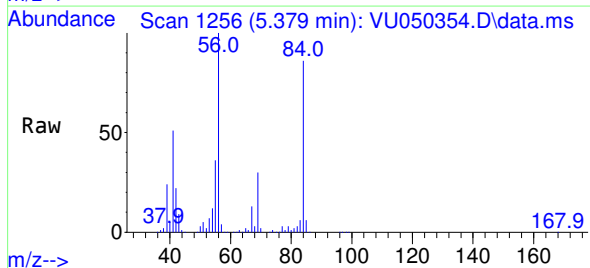


#19  
Cyclohexane  
Concen: 12.04 ug/l  
RT: 5.379 min Scan# 1  
Delta R.T. 0.007 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

Tgt Ion: 56 Resp: 255504

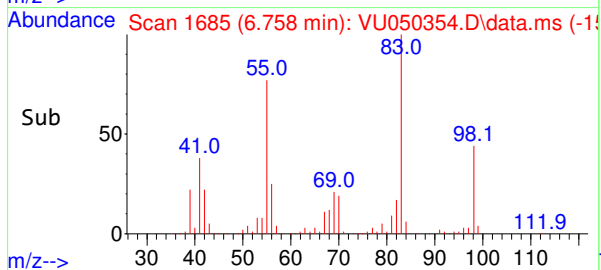
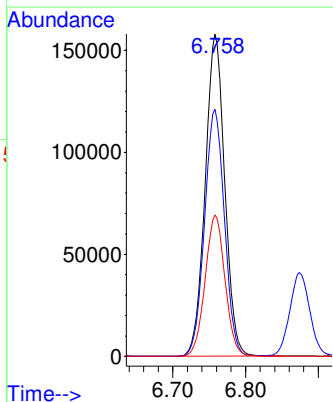
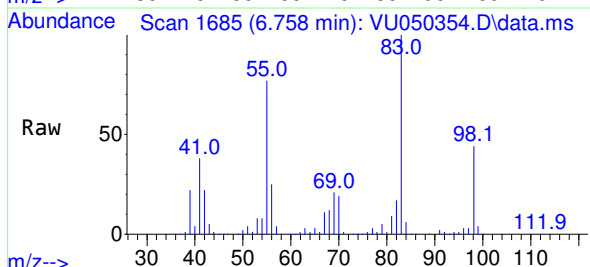
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.9  | 24.2  | 36.4  |
| 84  | 90.5  | 63.4  | 95.2  |

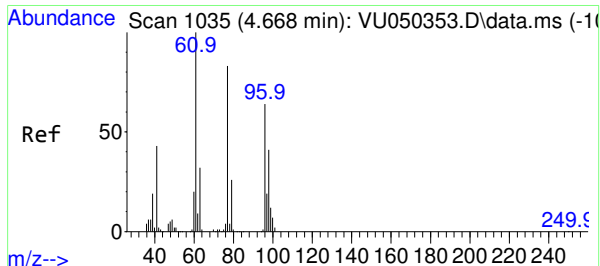


#20  
Methylcyclohexane  
Concen: 14.09 ug/l  
RT: 6.758 min Scan# 1685  
Delta R.T. -0.029 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 83 Resp: 294776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 78.0  | 63.0  | 94.4  |
| 98  | 44.8  | 35.7  | 53.5  |

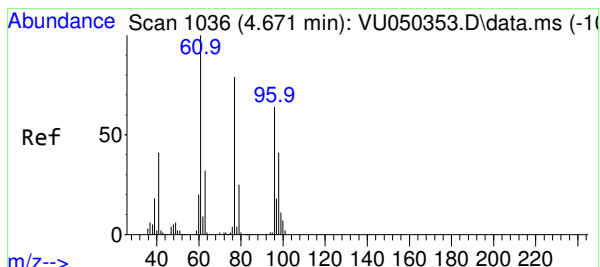
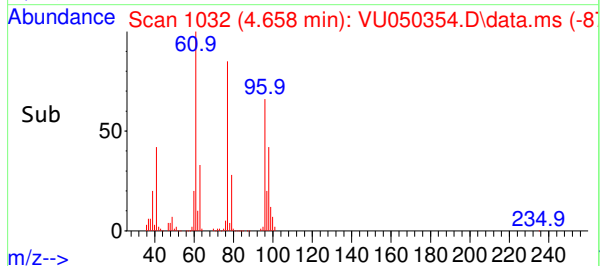
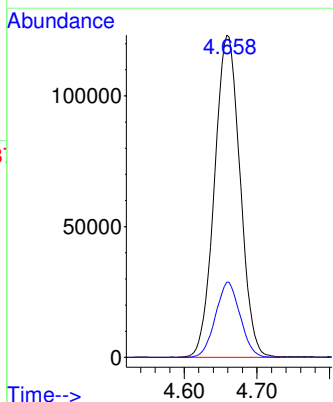
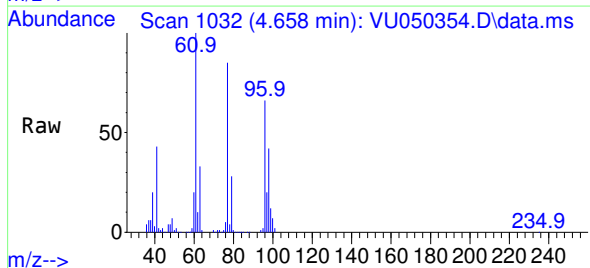




#21  
2,2-Dichloropropane  
Concen: 16.54 ug/l  
RT: 4.658 min Scan# 1032  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

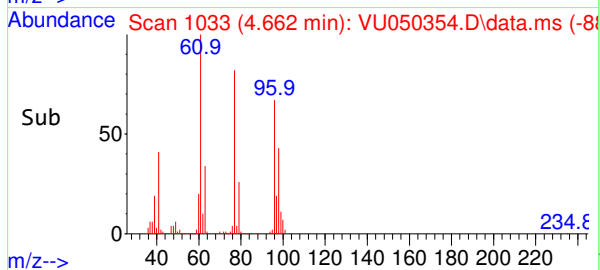
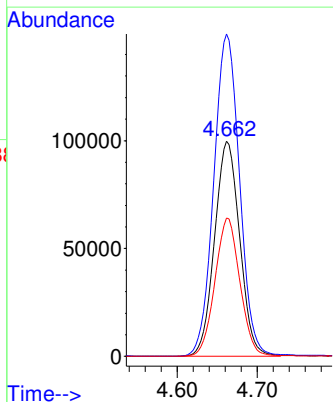
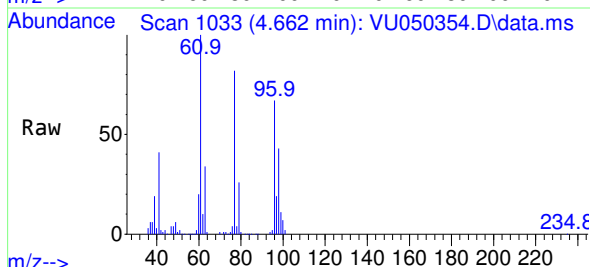
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

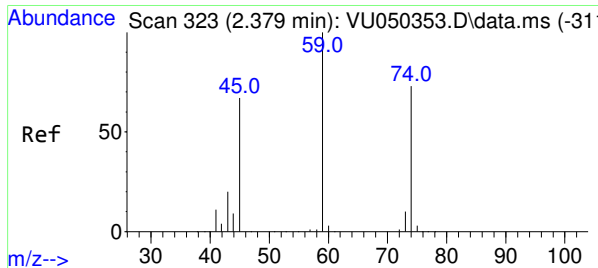
Tgt Ion: 77 Resp: 300609  
Ion Ratio Lower Upper  
77 100  
97 22.5 18.5 27.7



#22  
cis-1,2-Dichloroethene  
Concen: 16.51 ug/l  
RT: 4.662 min Scan# 1033  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 96 Resp: 218752  
Ion Ratio Lower Upper  
96 100  
61 154.0 0.0 375.8  
98 63.8 31.6 95.0

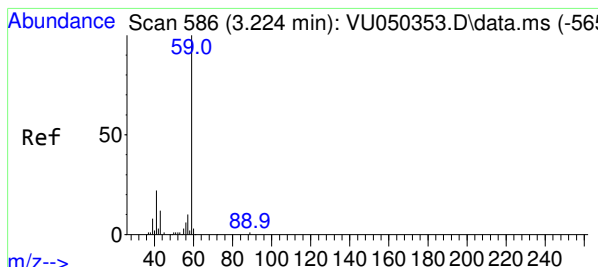
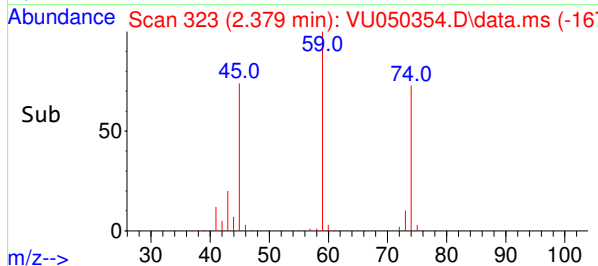
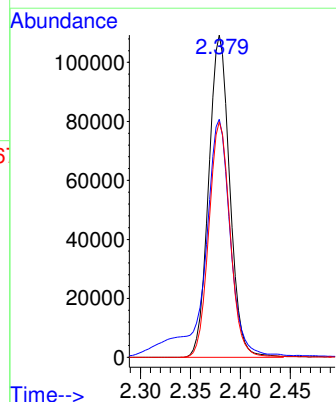
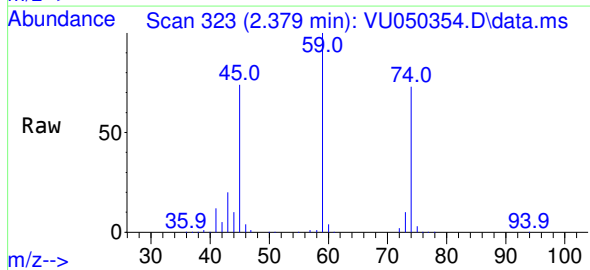




#23  
Diethyl Ether  
Concen: 18.41 ug/l  
RT: 2.379 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

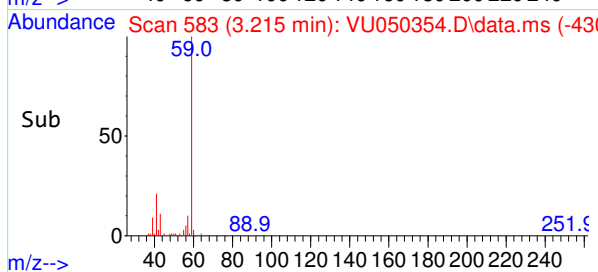
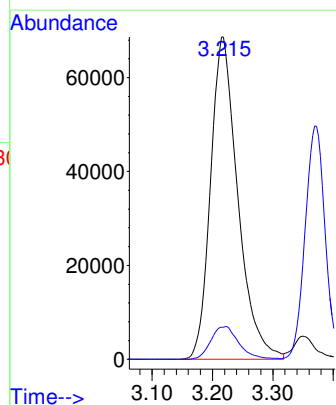
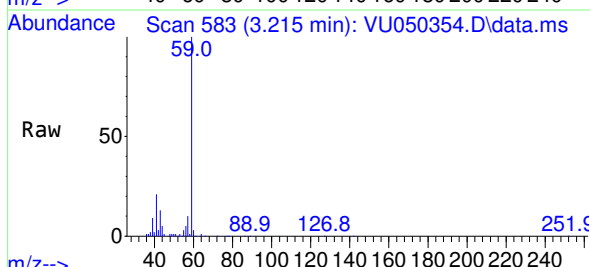
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

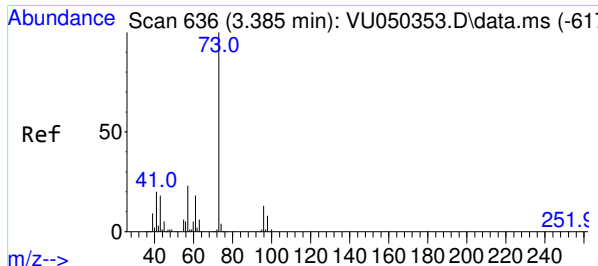
Tgt Ion: 59 Resp: 160444  
Ion Ratio Lower Upper  
59 100  
45 91.3 56.0 84.0#  
74 73.9 57.6 86.4



#24  
tert-Butyl Alcohol  
Concen: 216.82 ug/l  
RT: 3.215 min Scan# 583  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 59 Resp: 215536  
Ion Ratio Lower Upper  
59 100  
57 10.5 8.2 12.2

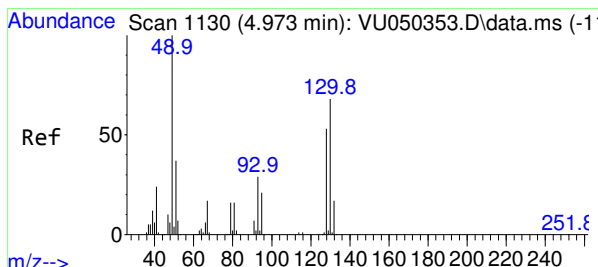
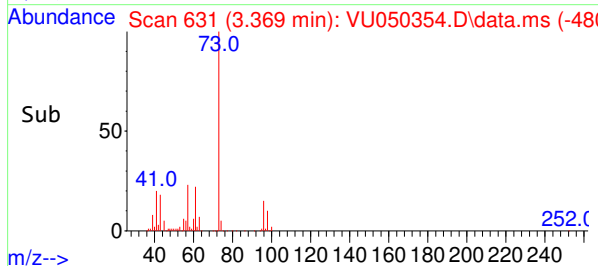
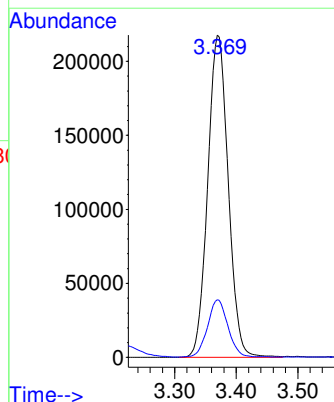
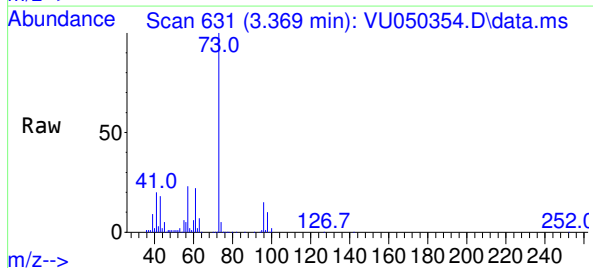




#25  
Methyl tert-Butyl Ether  
Concen: 17.62 ug/l  
RT: 3.369 min Scan# 631  
Delta R.T. -0.016 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

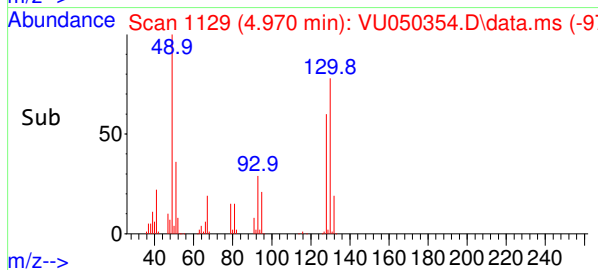
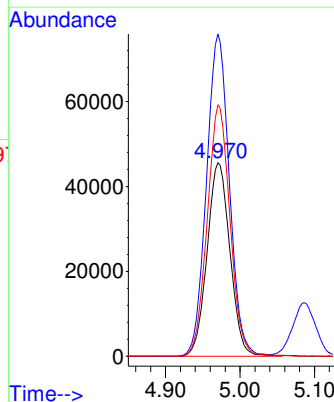
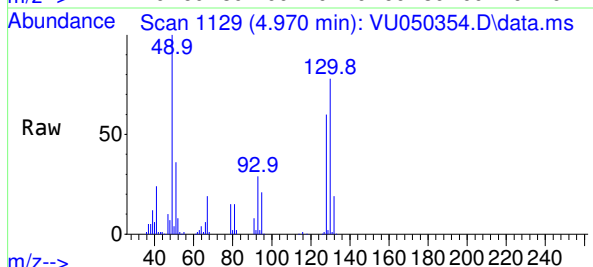
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

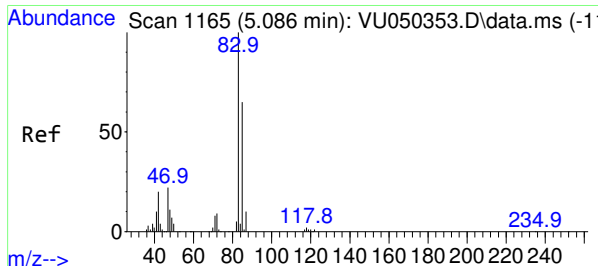
Tgt Ion: 73 Resp: 503966  
Ion Ratio Lower Upper  
73 100  
43 17.5 15.9 23.9



#26  
Bromochloromethane  
Concen: 17.44 ug/l  
RT: 4.970 min Scan# 1129  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 128 Resp: 97282  
Ion Ratio Lower Upper  
128 100  
49 166.5 0.0 349.2  
130 129.3 103.0 154.6

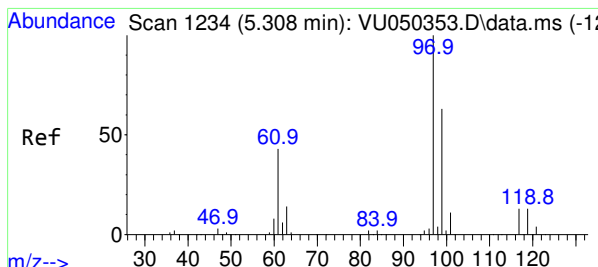
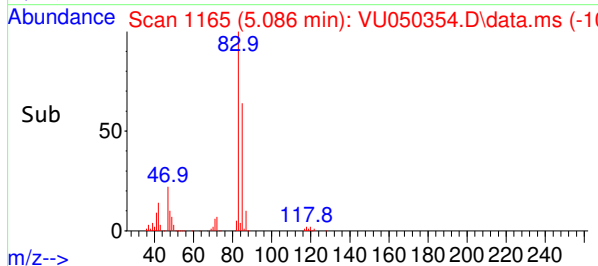
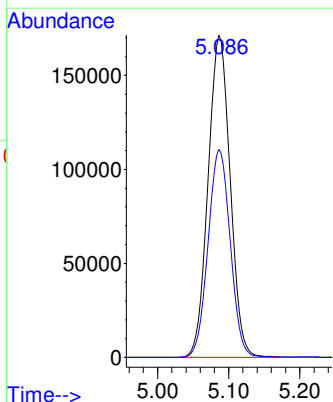
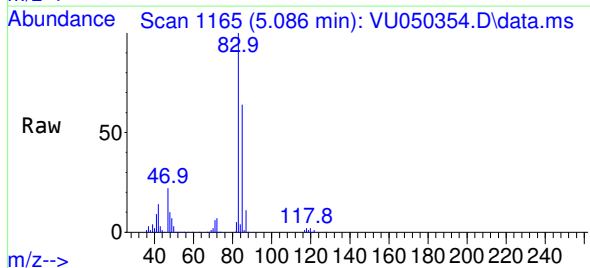




#27  
Chloroform  
Concen: 16.93 ug/l  
RT: 5.086 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

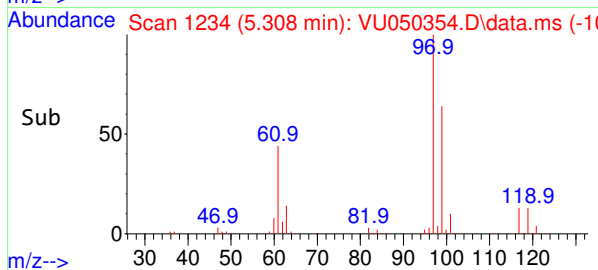
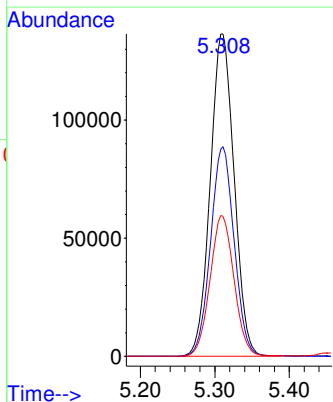
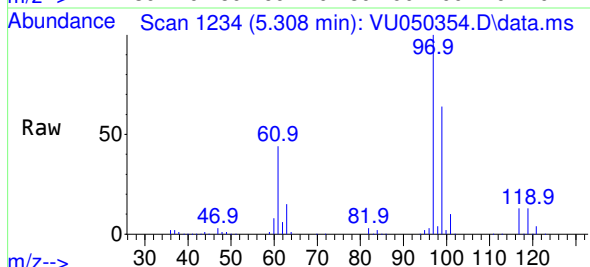
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

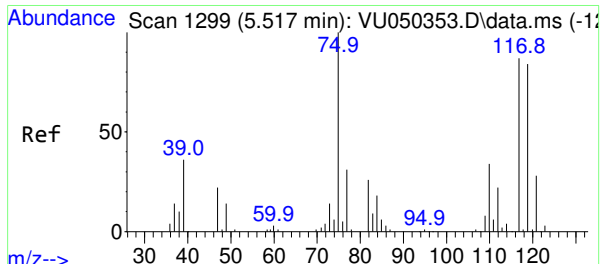
Tgt Ion: 83 Resp: 369958  
Ion Ratio Lower Upper  
83 100  
85 64.5 0.0 133.6



#28  
1,1,1-Trichloroethane  
Concen: 15.75 ug/l  
RT: 5.308 min Scan# 1234  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 97 Resp: 303659  
Ion Ratio Lower Upper  
97 100  
99 64.5 32.1 96.5  
61 43.9 21.8 65.4

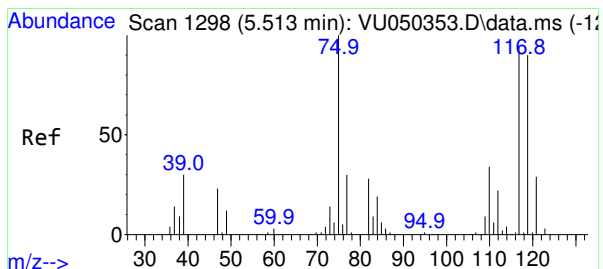
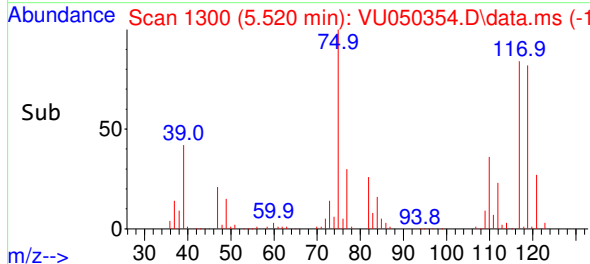
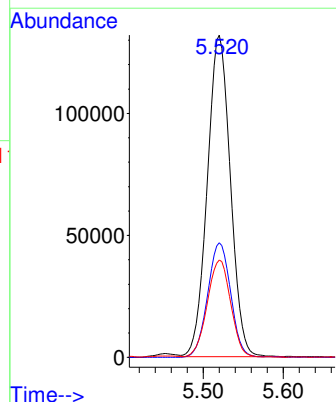
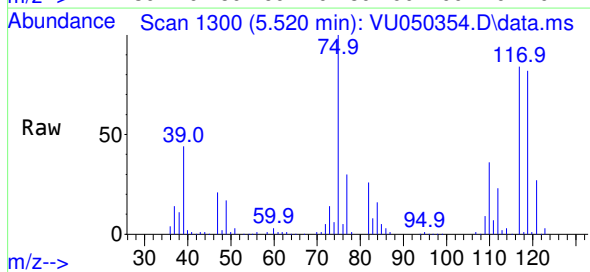




#29  
1,1-Dichloropropene  
Concen: 15.37 ug/l  
RT: 5.520 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

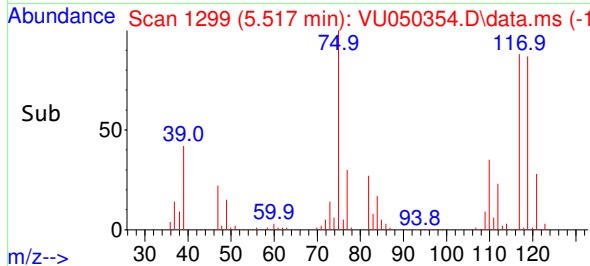
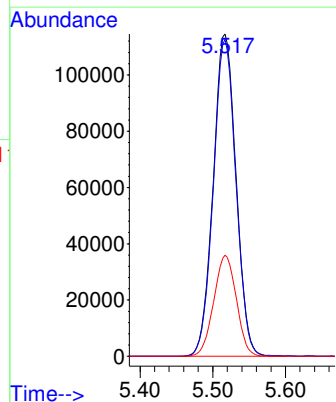
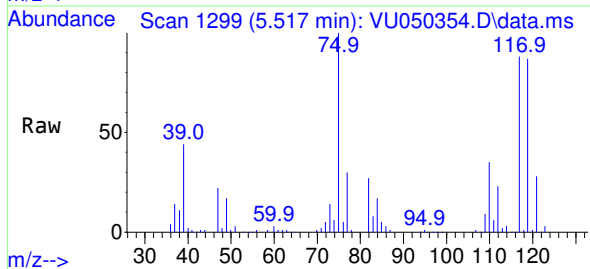
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

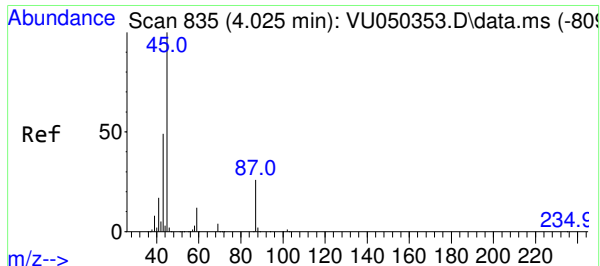
Tgt Ion: 75 Resp: 264537  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.3 52.0  
77 30.5 24.6 37.0



#30  
Carbon Tetrachloride  
Concen: 15.40 ug/l  
RT: 5.517 min Scan# 1299  
Delta R.T. 0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 117 Resp: 249892  
Ion Ratio Lower Upper  
117 100  
119 98.2 74.6 112.0  
121 31.4 24.2 36.4

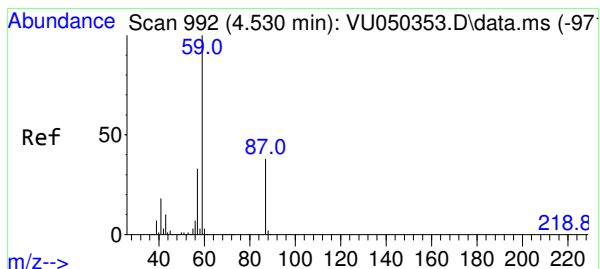
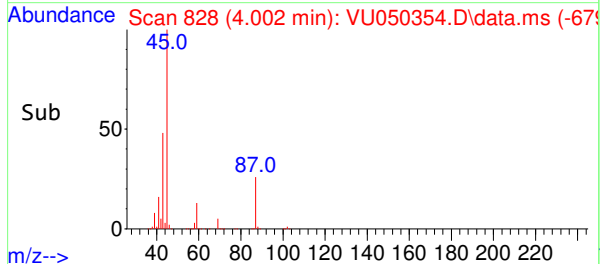
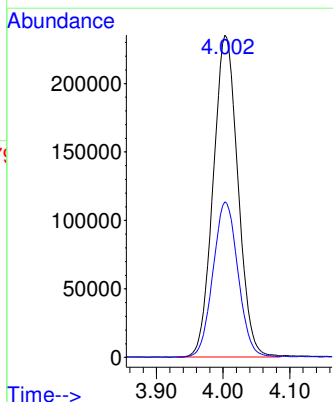
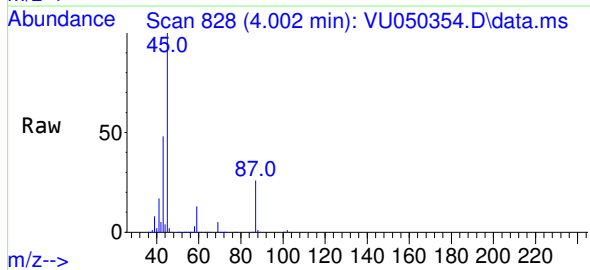




#31  
Isopropyl Ether  
Concen: 15.92 ug/l  
RT: 4.002 min Scan# 835  
Delta R.T. -0.022 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

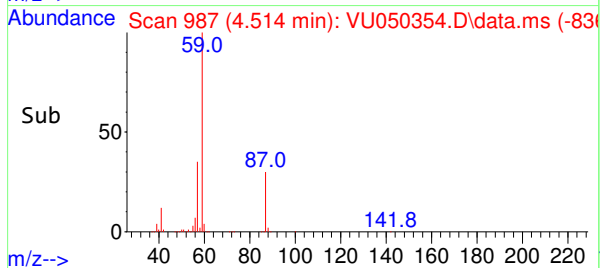
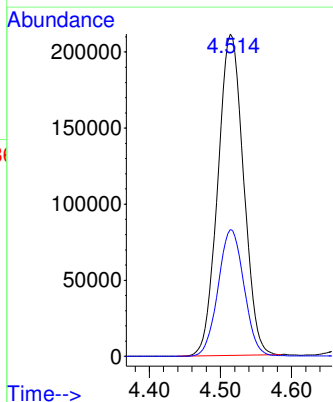
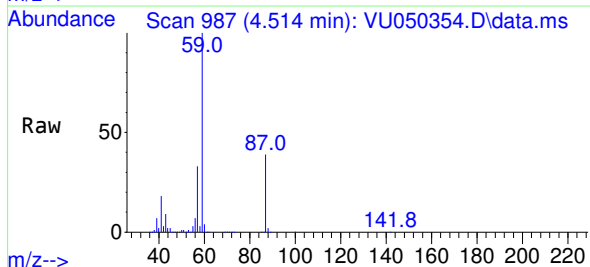
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

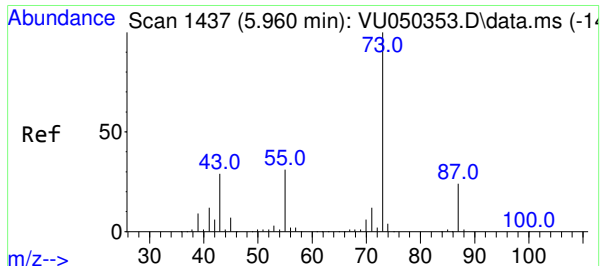
Tgt Ion: 45 Resp: 606349  
Ion Ratio Lower Upper  
45 100  
43 48.8 23.8 71.2



#32  
Ethyl-t-butyl ether  
Concen: 14.69 ug/l  
RT: 4.514 min Scan# 987  
Delta R.T. -0.016 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 59 Resp: 529486  
Ion Ratio Lower Upper  
59 100  
87 39.7 32.5 48.7

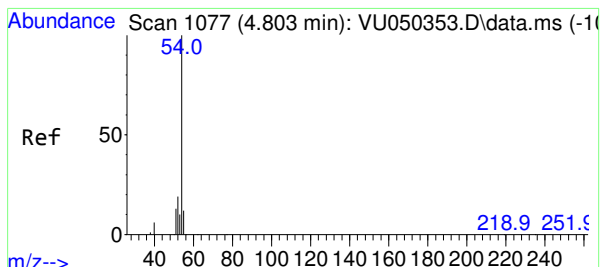
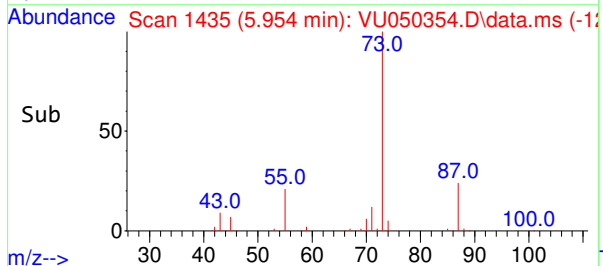
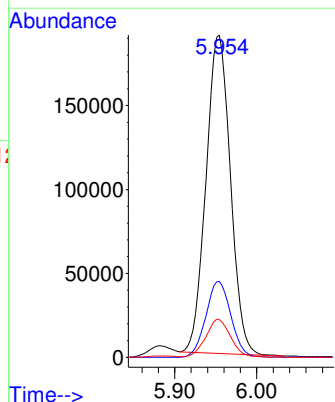
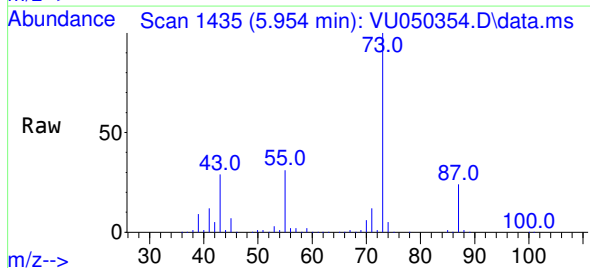




#33  
Tert-Amyl methyl ether  
Concen: 12.49 ug/l  
RT: 5.954 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

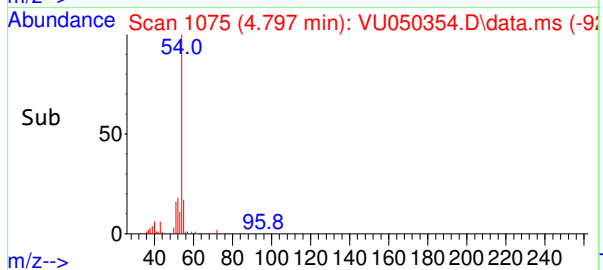
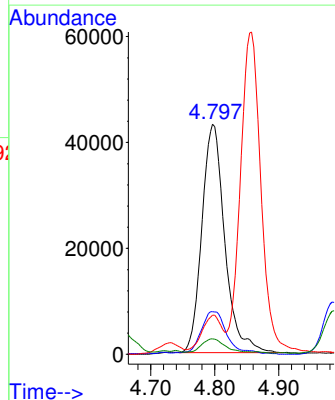
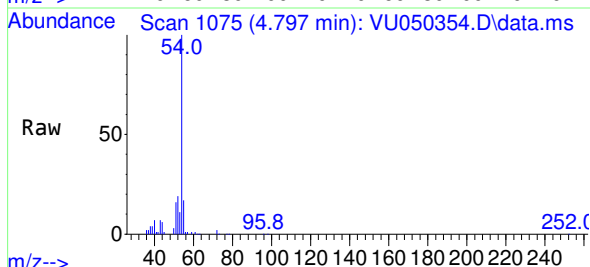
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

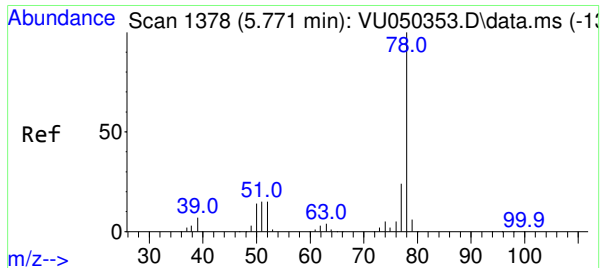
Tgt Ion: 73 Resp: 391568  
Ion Ratio Lower Upper  
73 100  
87 24.5 19.7 29.5  
71 11.9 9.0 13.4



#34  
Propionitrile  
Concen: 101.58 ug/l  
RT: 4.797 min Scan# 1075  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 54 Resp: 107122  
Ion Ratio Lower Upper  
54 100  
52 19.7 15.0 22.6  
55 14.5 12.6 19.0  
40 5.5 4.2 6.4

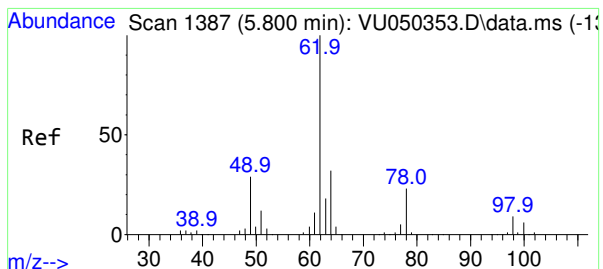
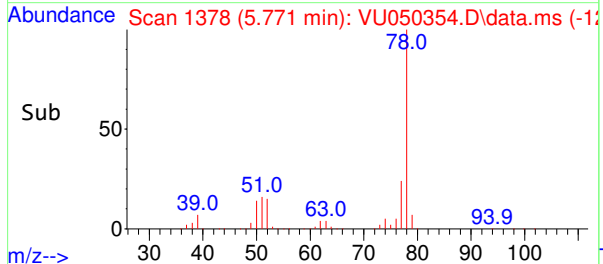
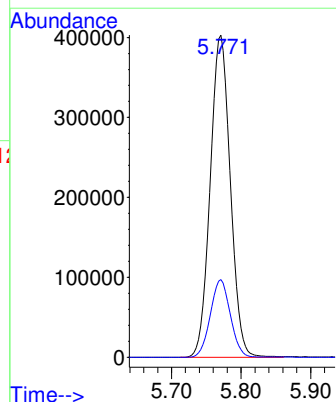
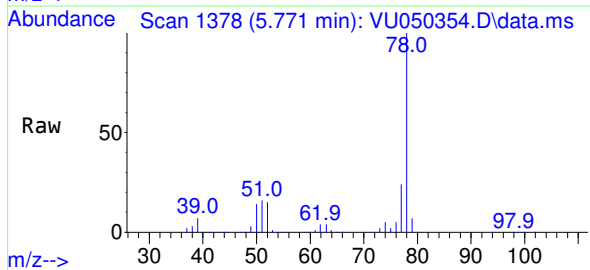




#35  
Benzene  
Concen: 16.47 ug/l  
RT: 5.771 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

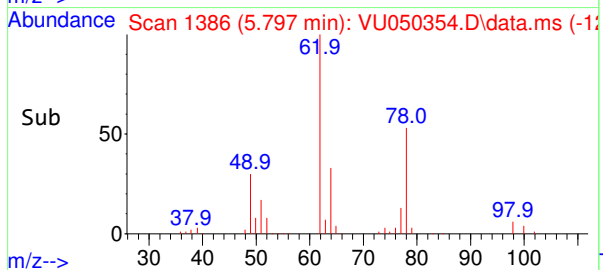
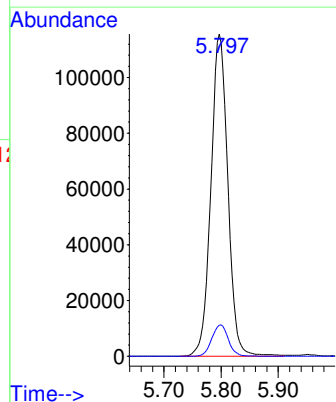
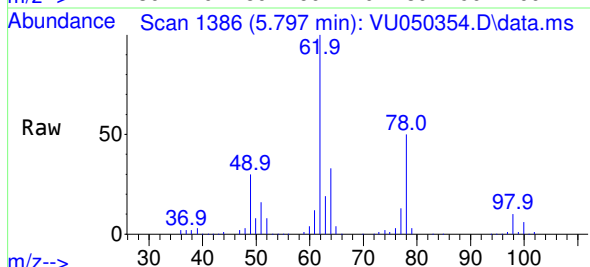
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

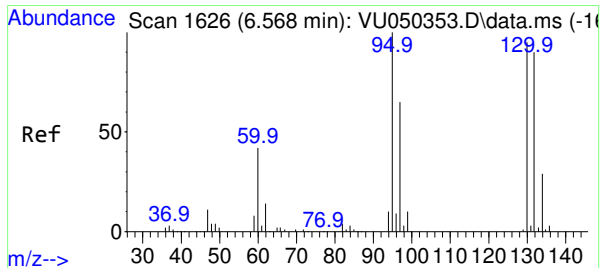
Tgt Ion: 78 Resp: 807591  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.6 28.0



#36  
1,2-Dichloroethane  
Concen: 17.06 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 62 Resp: 237950  
Ion Ratio Lower Upper  
62 100  
98 9.6 7.4 11.0

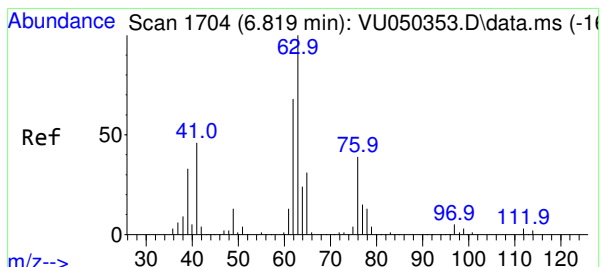
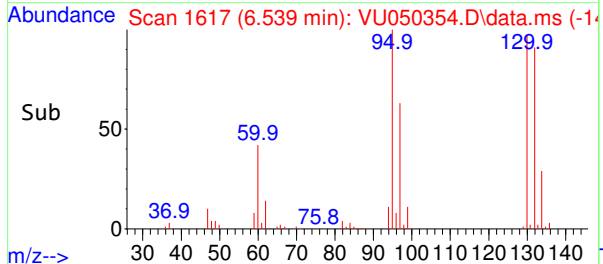
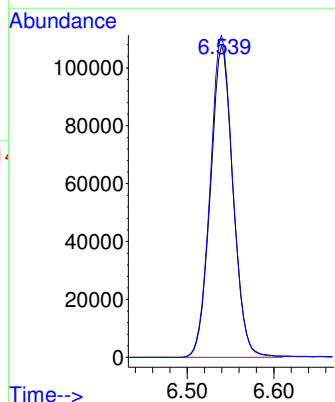
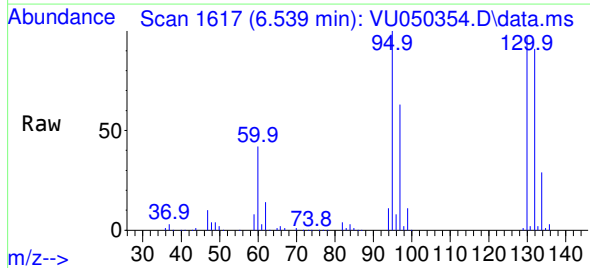




#37  
Trichloroethene  
Concen: 15.82 ug/l  
RT: 6.539 min Scan# 1  
Delta R.T. -0.029 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

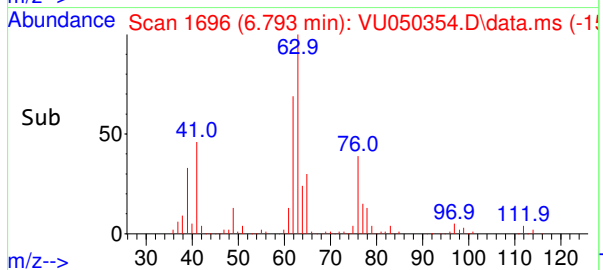
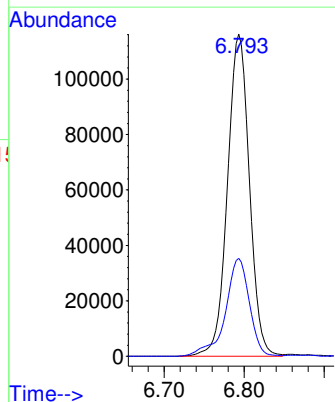
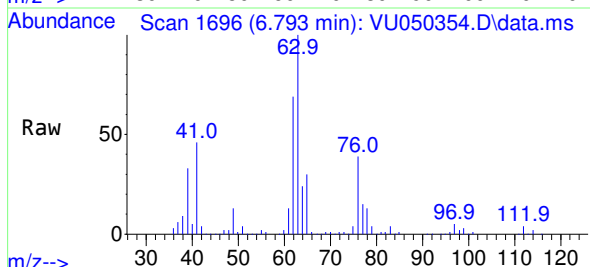
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

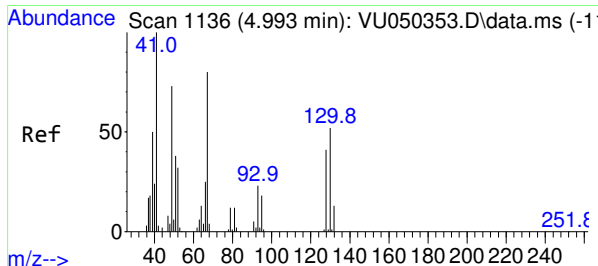
Tgt Ion:130 Resp: 196075  
Ion Ratio Lower Upper  
130 100  
95 103.2 83.8 125.8



#38  
1,2-Dichloropropane  
Concen: 17.12 ug/l  
RT: 6.793 min Scan# 1696  
Delta R.T. -0.026 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 63 Resp: 222305  
Ion Ratio Lower Upper  
63 100  
65 30.3 25.0 37.4

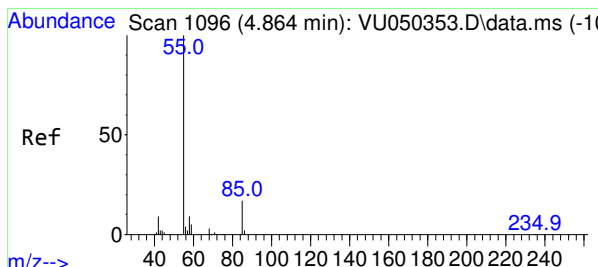
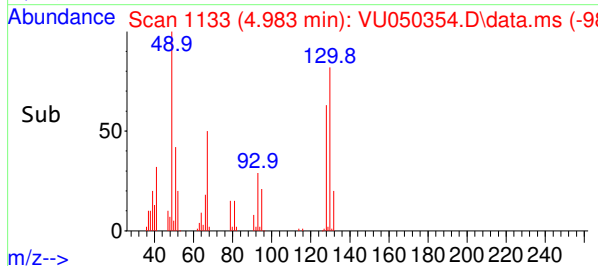
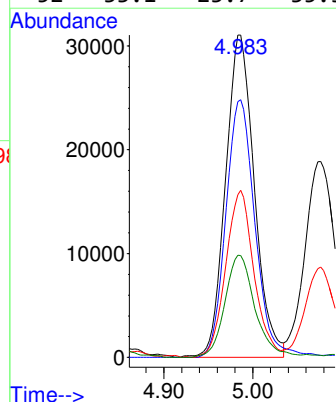
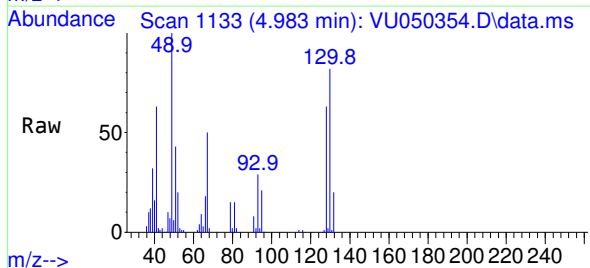




#39  
Methacrylonitrile  
Concen: 15.45 ug/l  
RT: 4.983 min Scan# 1  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

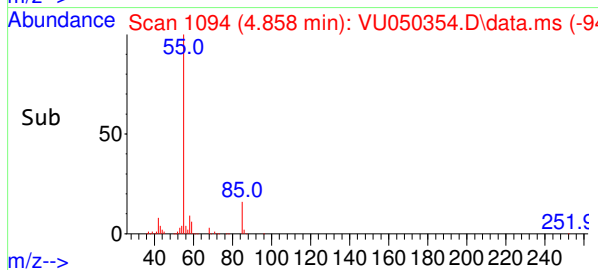
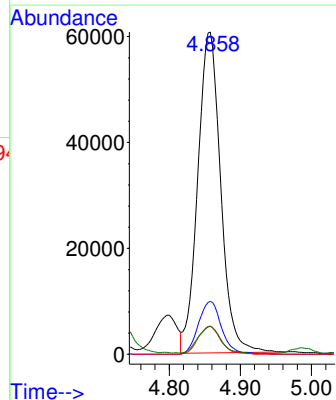
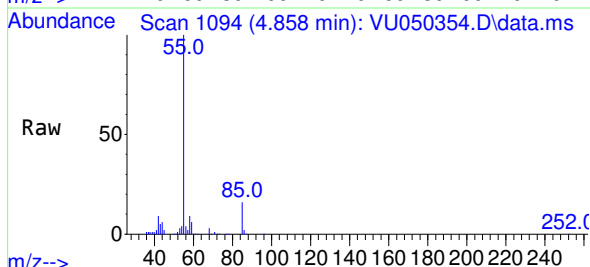
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

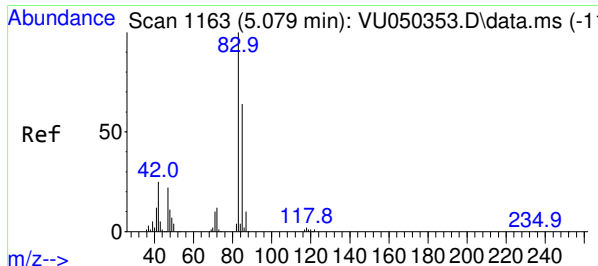
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69821 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 81.4  | 59.4  | 89.0  |
| 39       | 50.7  | 42.2  | 63.2  |
| 52       | 33.1  | 23.7  | 35.5  |



#40  
Methyl acrylate  
Concen: 19.16 ug/l  
RT: 4.858 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 55    | Resp: | 135594 |
| Ion      | Ratio | Lower | Upper  |
| 55       | 100   |       |        |
| 85       | 16.6  | 13.5  | 20.3   |
| 58       | 8.6   | 7.0   | 10.4   |
| 42       | 8.5   | 7.0   | 10.6   |

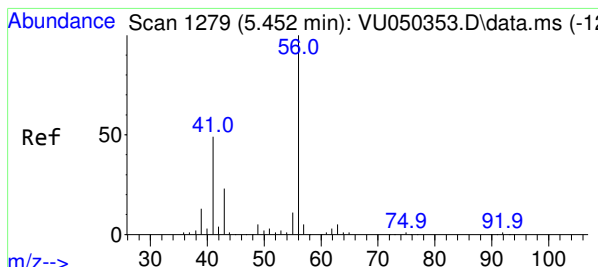
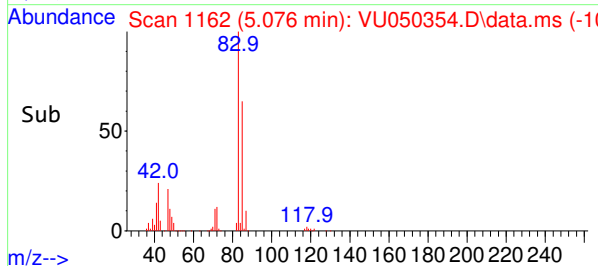
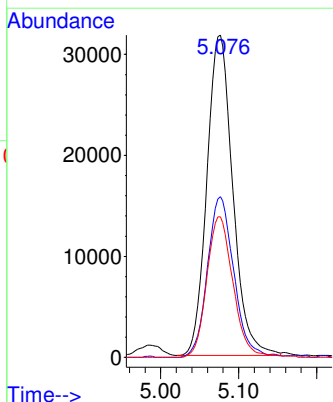
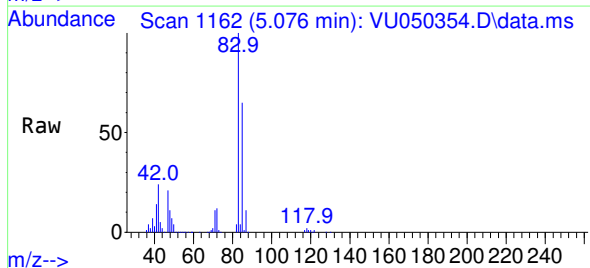




#41  
Tetrahydrofuran  
Concen: 27.41 ug/l  
RT: 5.076 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

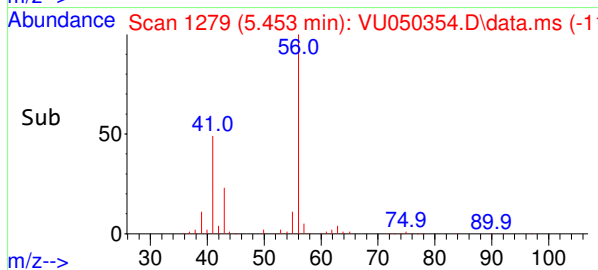
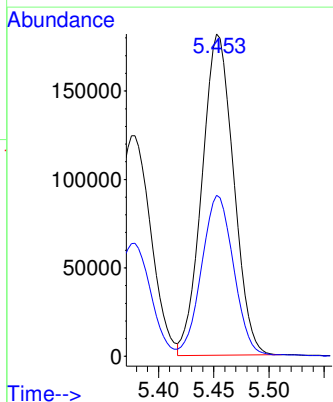
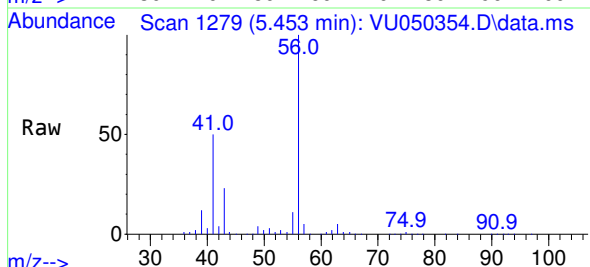
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

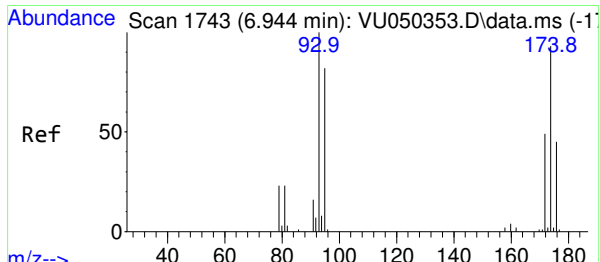
Tgt Ion: 42 Resp: 73203  
Ion Ratio Lower Upper  
42 100  
72 51.0 38.9 58.3  
71 44.5 33.7 50.5



#42  
1-Chlorobutane  
Concen: 14.99 ug/l  
RT: 5.453 min Scan# 1279  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 56 Resp: 361722  
Ion Ratio Lower Upper  
56 100  
41 50.0 26.4 79.2

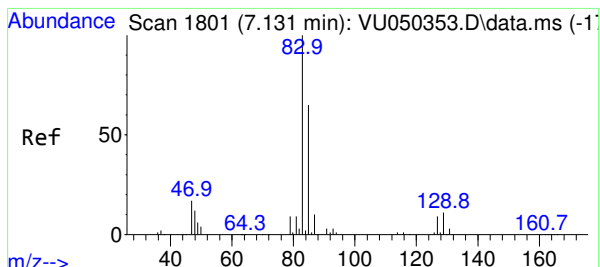
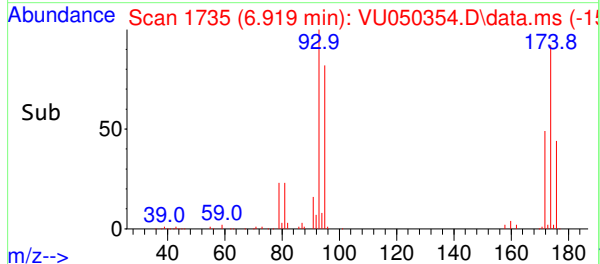
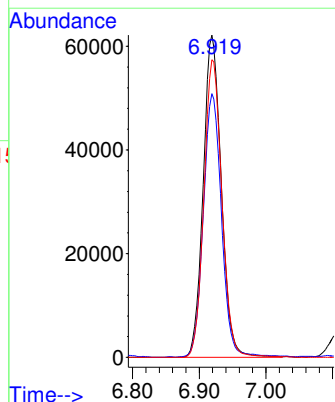
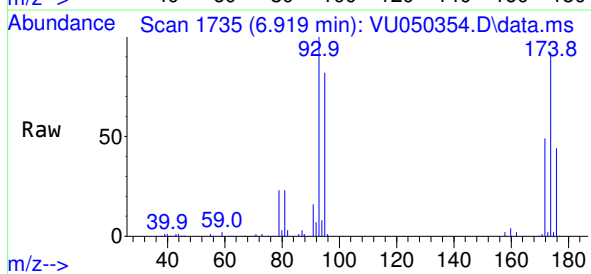




#43  
Dibromomethane  
Concen: 18.12 ug/l  
RT: 6.919 min Scan# 1735  
Delta R.T. -0.026 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

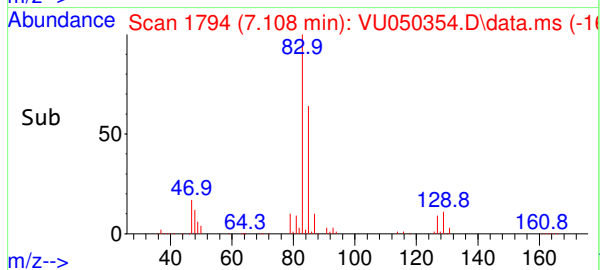
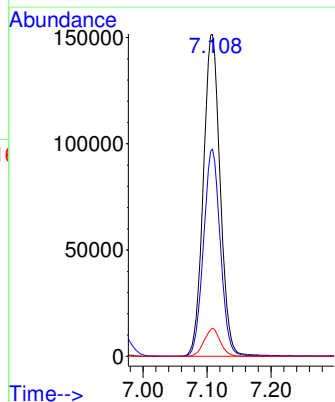
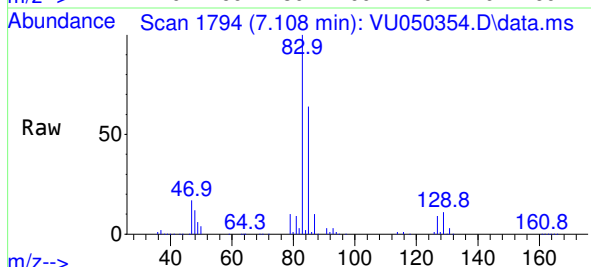
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

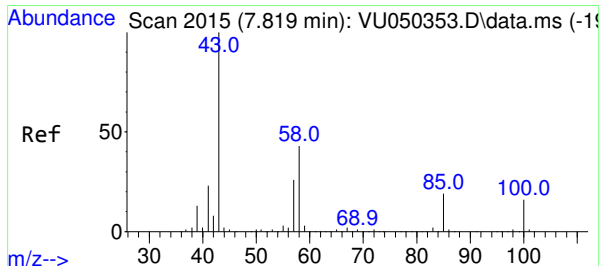
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 117227 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 82.7  | 65.0  | 97.6   |
| 174      | 92.2  | 76.3  | 114.5  |



#44  
Bromodichloromethane  
Concen: 17.90 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. -0.022 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 277527 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.4  | 49.4  | 74.0   |
| 127      | 8.8   | 6.6   | 10.0   |

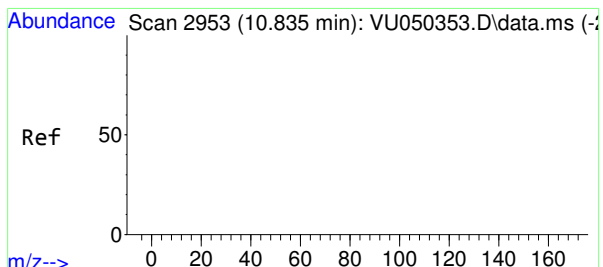
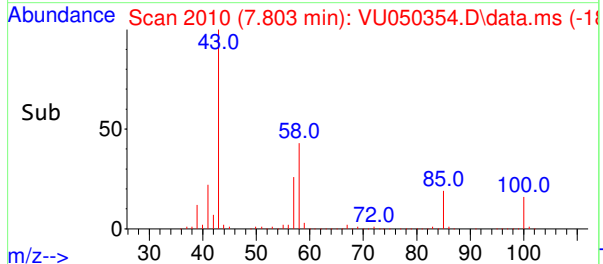
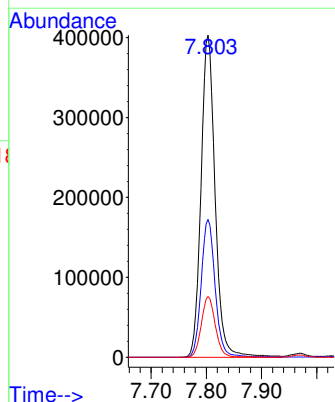
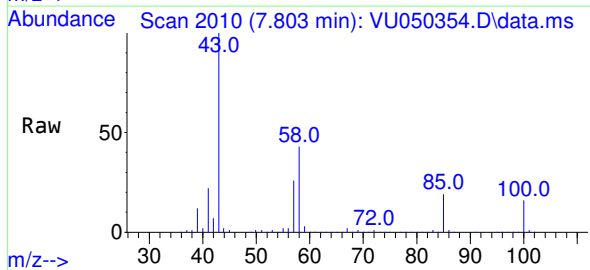




#45  
4-Methyl-2-Pentanone  
Concen: 81.50 ug/l  
RT: 7.803 min Scan# 2150  
Delta R.T. -0.016 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

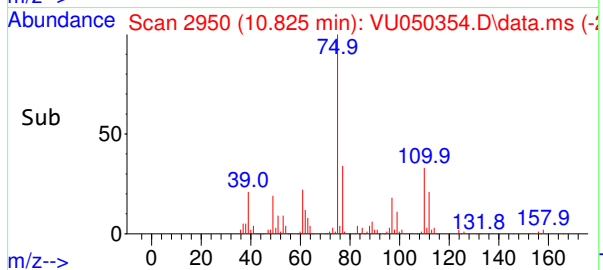
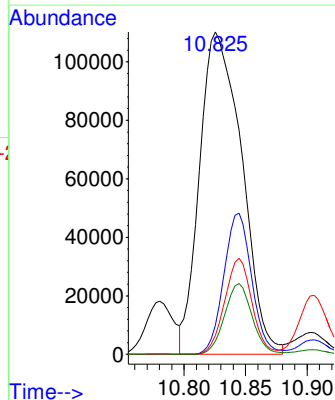
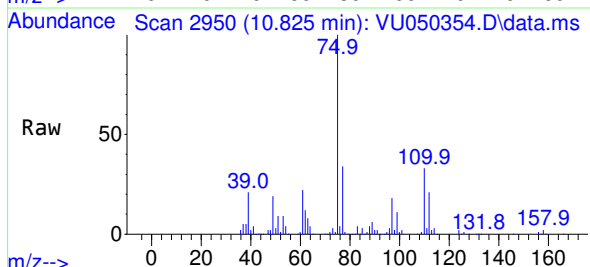
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

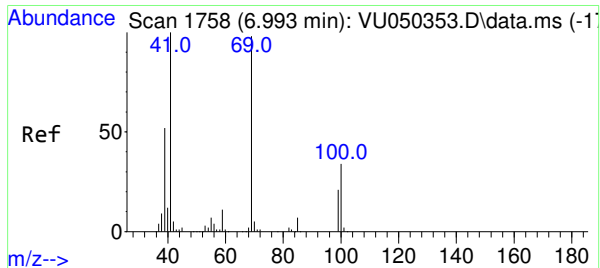
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 715665 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 42.4  | 20.3  | 61.0   |
| 85       | 18.7  | 14.6  | 21.8   |



#46  
t-1,4-Dichloro-2-butene  
Concen: 91.57 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 261686 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 53       | 29.2  | 64.4  | 96.6#  |
| 89       | 19.4  | 44.2  | 66.2#  |
| 88       | 14.4  | 32.8  | 49.2#  |

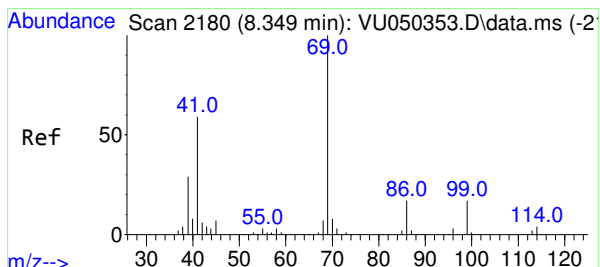
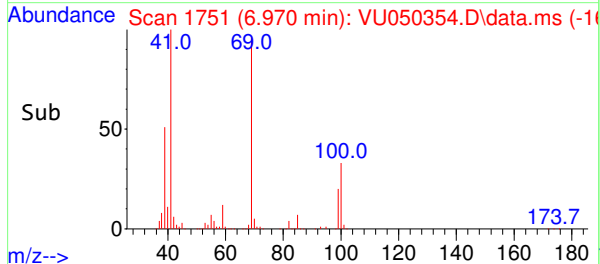
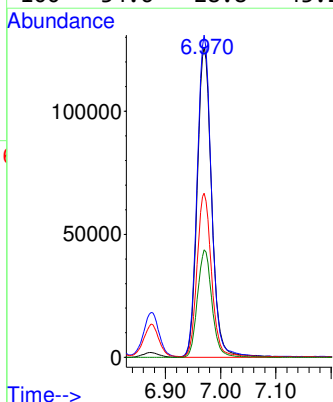
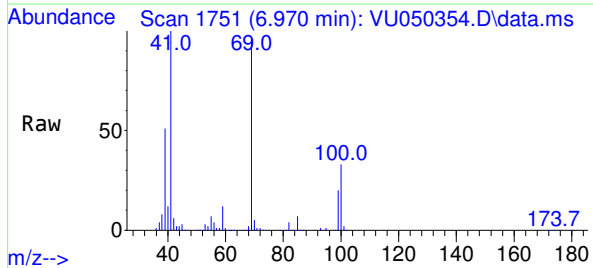




#47  
Methyl methacrylate  
Concen: 35.09 ug/l  
RT: 6.970 min Scan# 1  
Delta R.T. -0.022 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

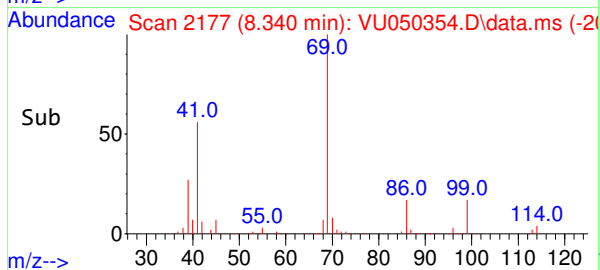
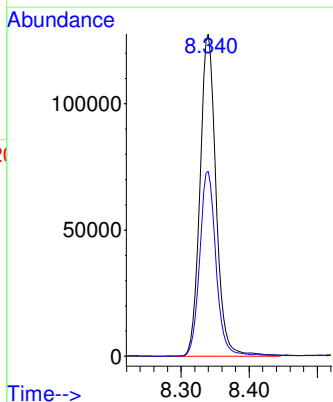
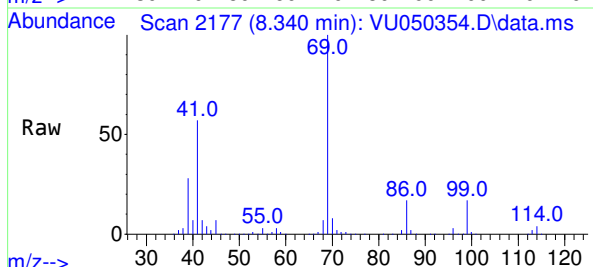
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

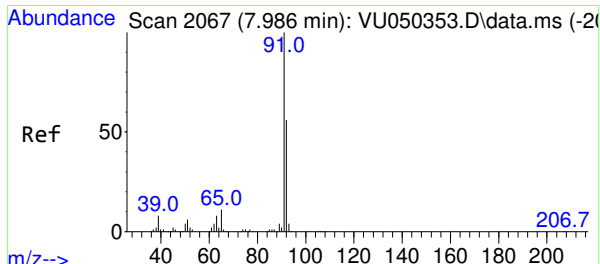
Tgt Ion: 69 Resp: 228956  
Ion Ratio Lower Upper  
69 100  
41 101.9 0.0 225.4  
39 52.1 45.8 68.8  
100 34.6 28.8 43.2



#48  
Ethyl methacrylate  
Concen: 15.98 ug/l  
RT: 8.340 min Scan# 2177  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 69 Resp: 209203  
Ion Ratio Lower Upper  
69 100  
41 57.7 32.3 96.9

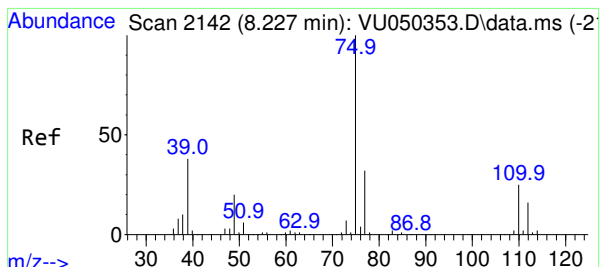
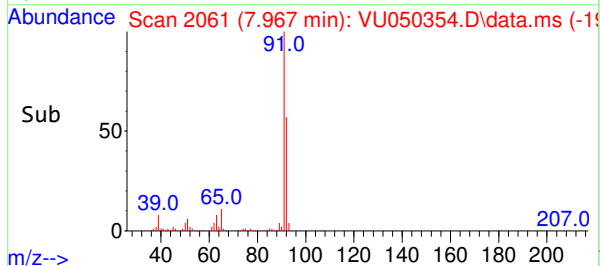
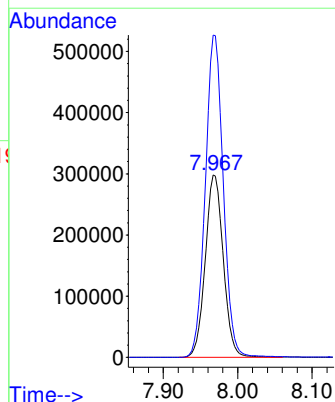
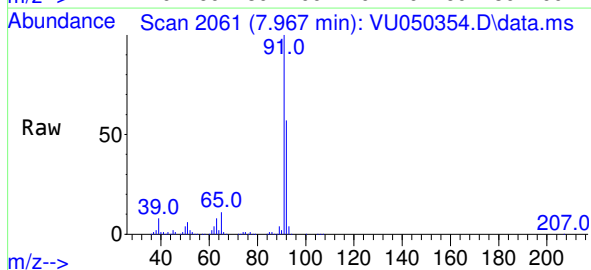




#49  
Toluene  
Concen: 16.81 ug/l  
RT: 7.967 min Scan# 2137  
Delta R.T. -0.019 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

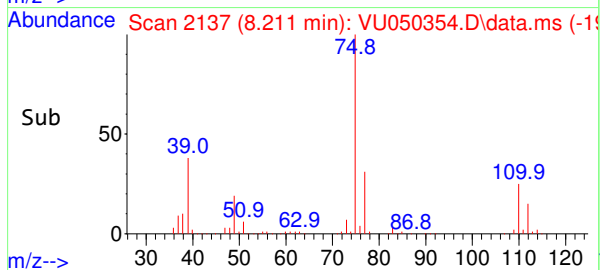
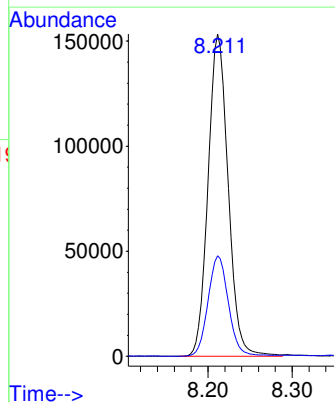
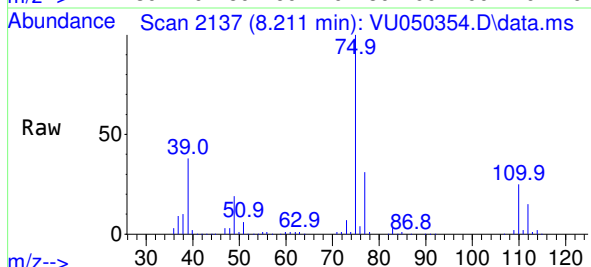
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

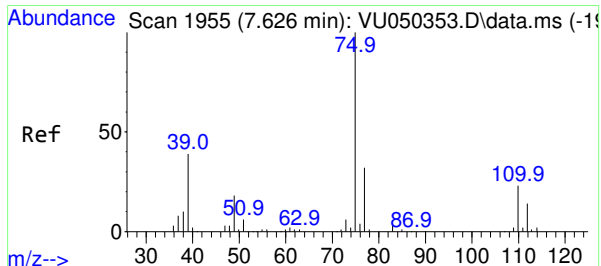
Tgt Ion: 92 Resp: 503362  
Ion Ratio Lower Upper  
92 100  
91 176.4 138.6 207.8



#50  
t-1,3-Dichloropropene  
Concen: 16.92 ug/l  
RT: 8.211 min Scan# 2137  
Delta R.T. -0.016 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 75 Resp: 253500  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.7 37.1

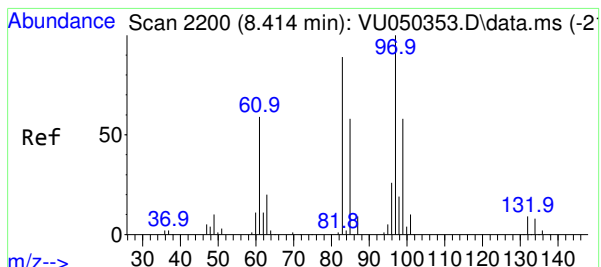
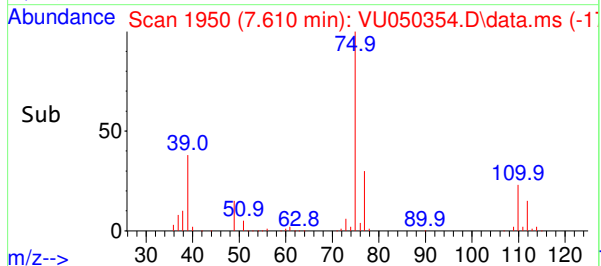
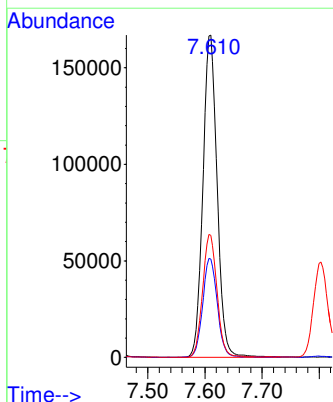
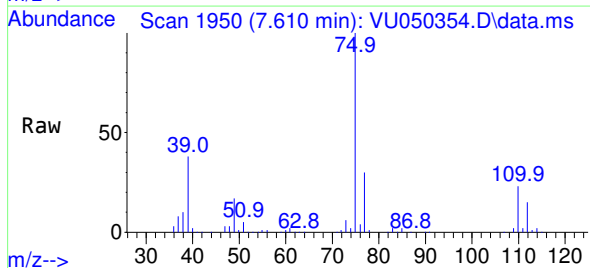




#51  
 cis-1,3-Dichloropropene  
 Concen: 16.24 ug/l  
 RT: 7.610 min Scan# 1  
 Delta R.T. -0.016 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

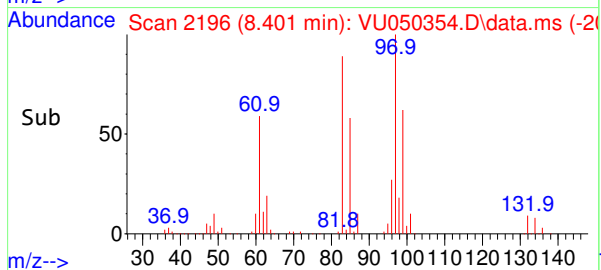
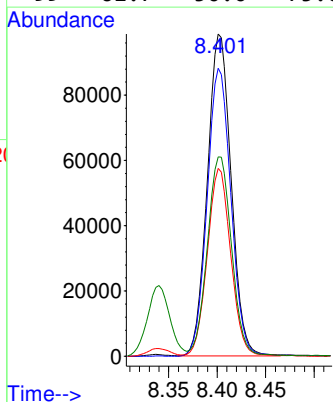
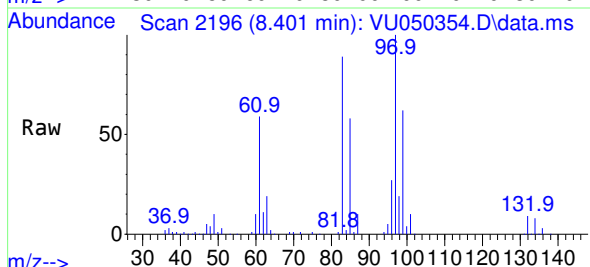
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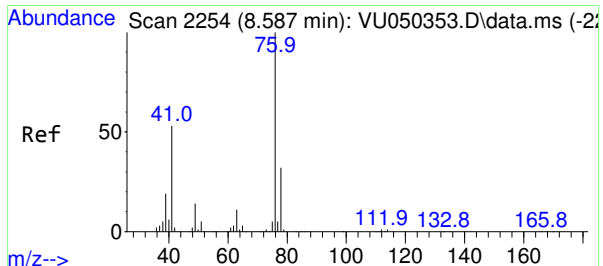
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 288278 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 30.5  | 25.4  | 38.0   |
| 39       | 37.8  | 35.1  | 52.7   |



#52  
 1,1,2-Trichloroethane  
 Concen: 18.82 ug/l  
 RT: 8.401 min Scan# 2196  
 Delta R.T. -0.013 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 168032 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.4  | 70.6  | 106.0  |
| 85       | 58.1  | 46.2  | 69.4   |
| 99       | 61.7  | 50.0  | 75.0   |

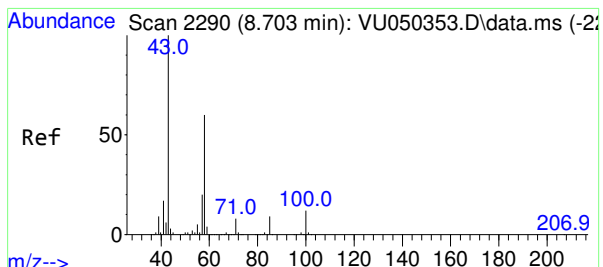
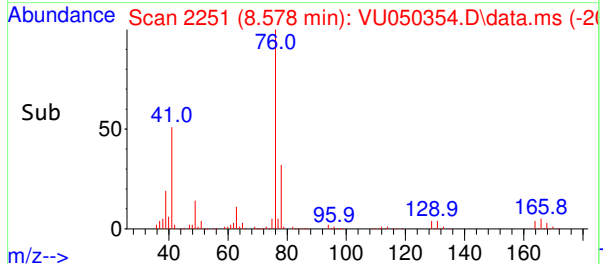
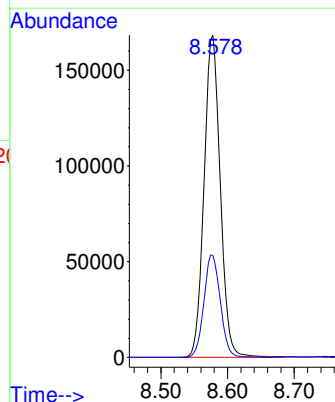
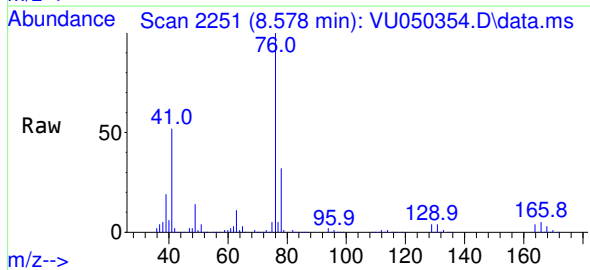




#53  
1,3-Dichloropropane  
Concen: 17.76 ug/l  
RT: 8.578 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

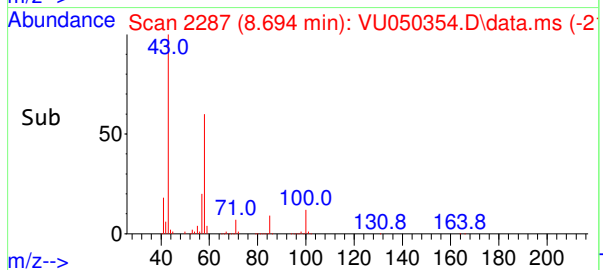
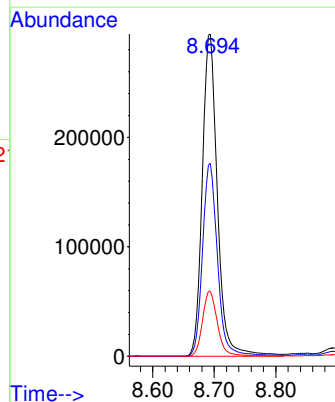
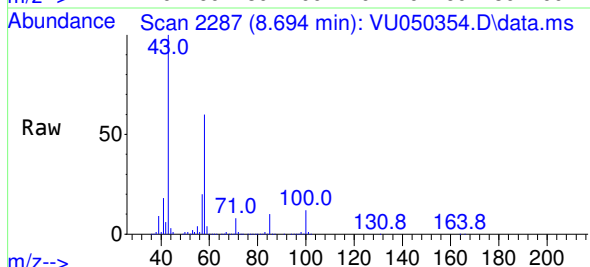
Instrument :  
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ClientSampleId :  
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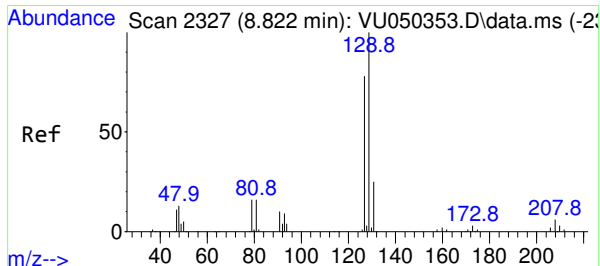
Tgt Ion: 76 Resp: 284649  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.0 39.0



#54  
2-Hexanone  
Concen: 82.30 ug/l  
RT: 8.694 min Scan# 2287  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 43 Resp: 501936  
Ion Ratio Lower Upper  
43 100  
58 59.7 37.1 77.1  
57 20.0 0.0 39.5

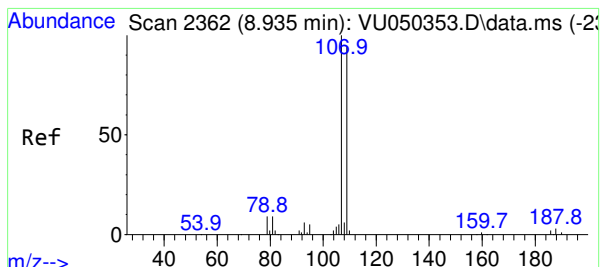
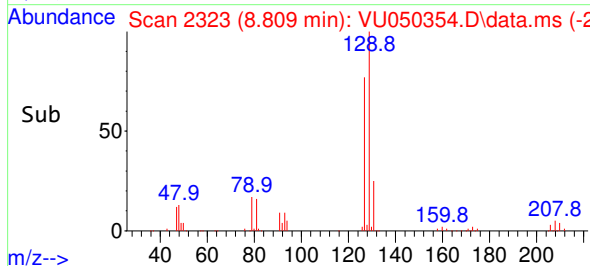
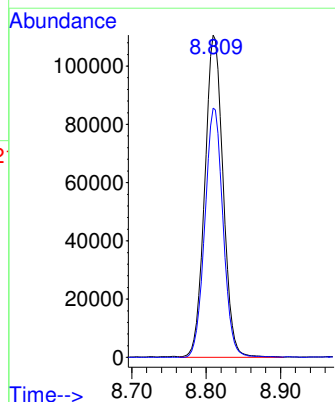
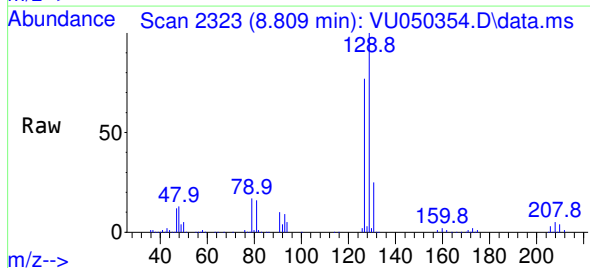




#55  
Dibromochloromethane  
Concen: 18.60 ug/l  
RT: 8.809 min Scan# 2327  
Delta R.T. -0.013 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

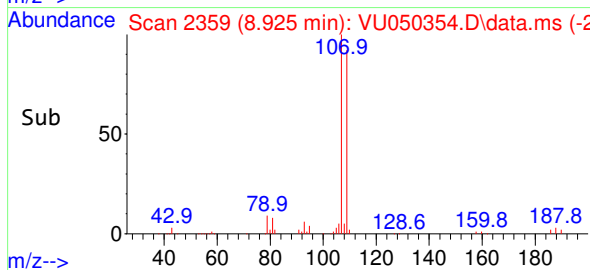
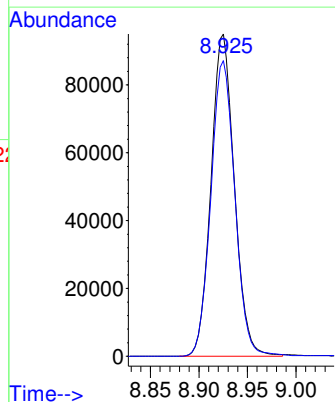
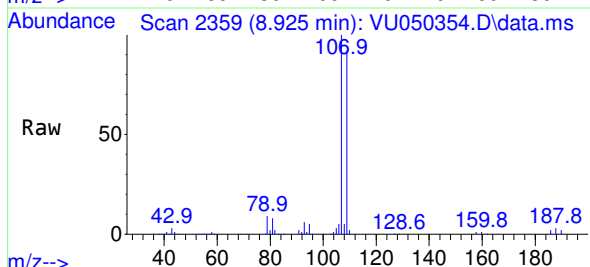
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

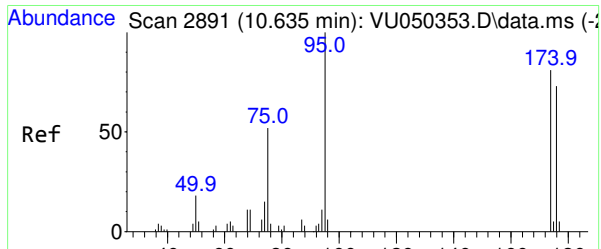
Tgt Ion:129 Resp: 189768  
Ion Ratio Lower Upper  
129 100  
127 76.9 61.2 91.8



#56  
1,2-Dibromoethane  
Concen: 18.38 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:107 Resp: 158954  
Ion Ratio Lower Upper  
107 100  
109 94.4 0.0 187.2

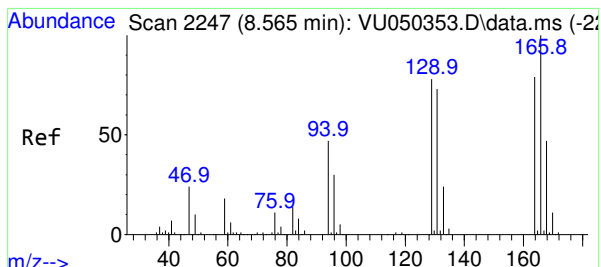
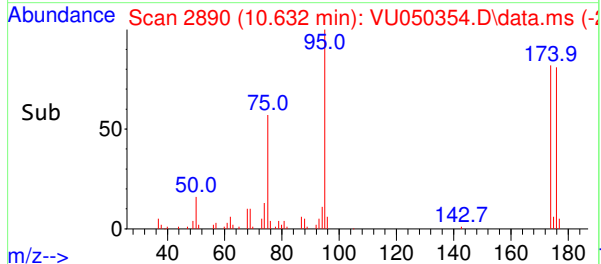
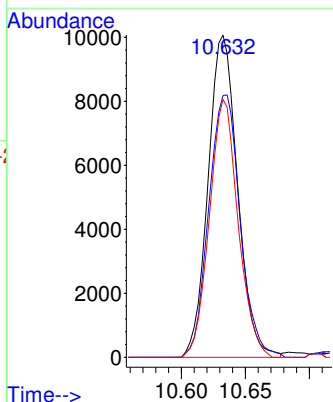
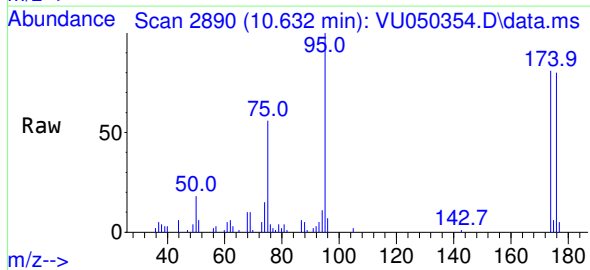




#57  
4-Bromofluorobenzene  
Concen: 0.98 ug/l  
RT: 10.632 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

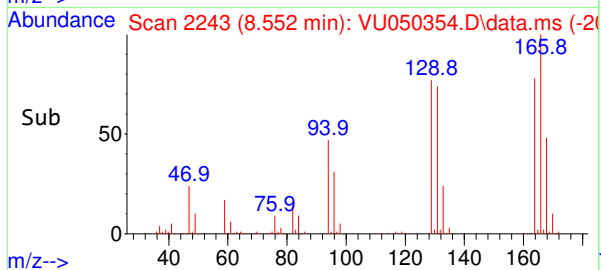
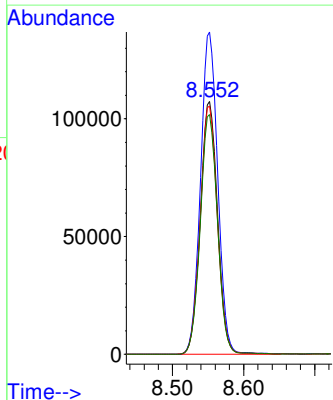
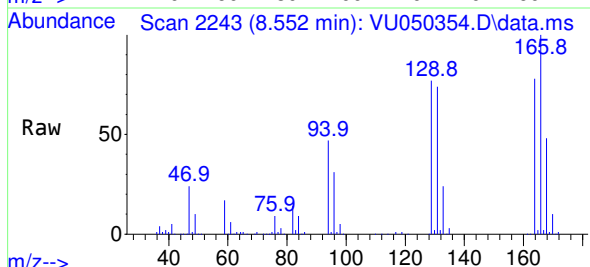
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

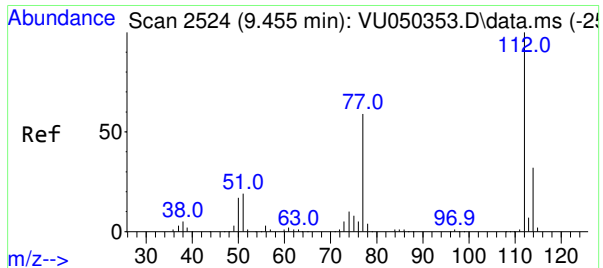
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 16110 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 86.5  | 62.4  | 93.6  |
| 176      | 78.1  | 56.2  | 84.2  |



#58  
Tetrachloroethene  
Concen: 17.65 ug/l  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.013 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 181918 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 127.6 | 102.4 | 153.6  |
| 129      | 98.3  | 79.5  | 119.3  |
| 131      | 94.8  | 77.4  | 116.2  |

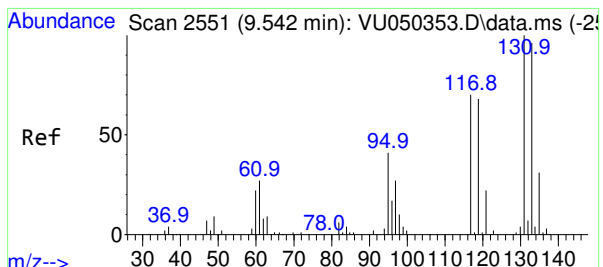
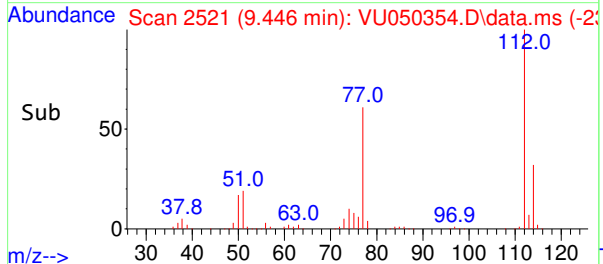
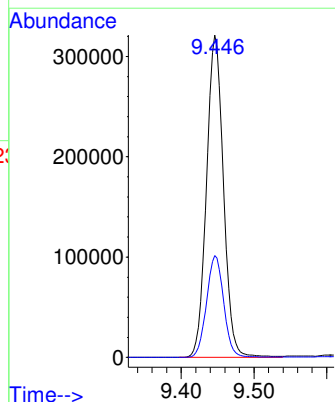
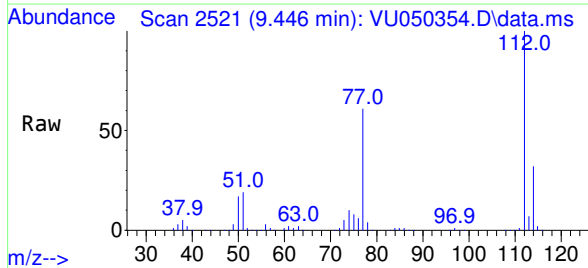




#59  
Chlorobenzene  
Concen: 16.64 ug/l  
RT: 9.446 min Scan# 2521  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

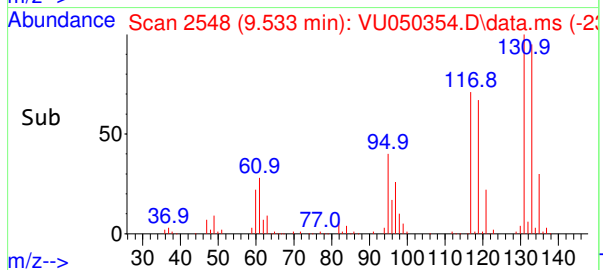
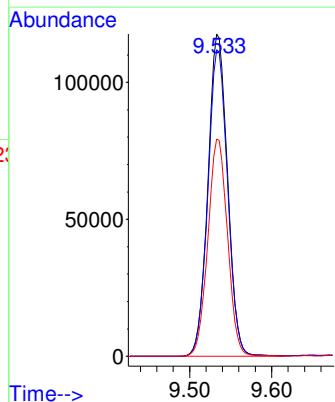
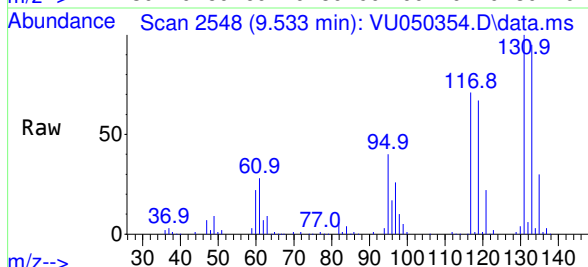
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

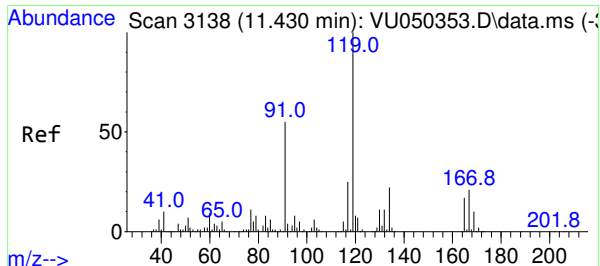
Tgt Ion:112 Resp: 521488  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.9 37.3



#60  
1,1,1,2-Tetrachloroethane  
Concen: 17.52 ug/l  
RT: 9.533 min Scan# 2548  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:131 Resp: 195234  
Ion Ratio Lower Upper  
131 100  
133 95.9 78.3 117.5  
119 67.5 53.2 79.8

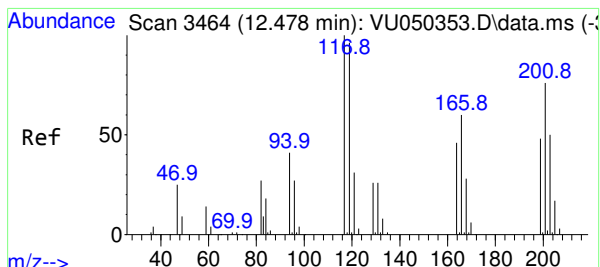
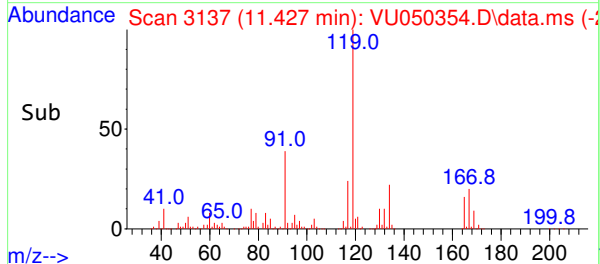
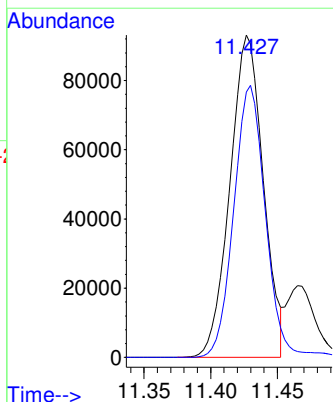
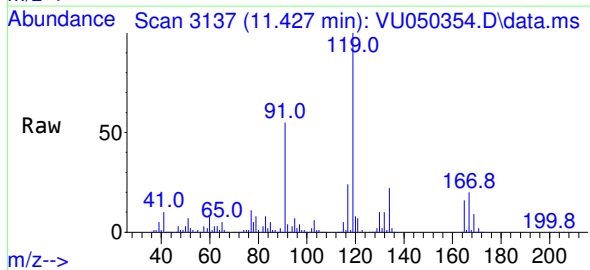




#61  
Pentachloroethane  
Concen: 18.87 ug/l  
RT: 11.427 min Scan# 3137  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

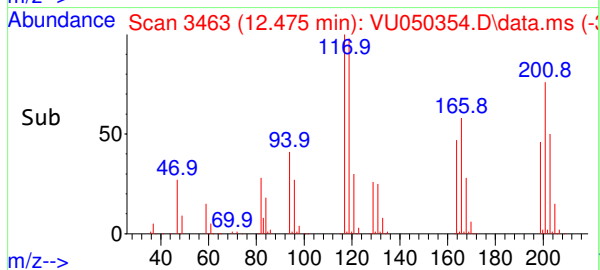
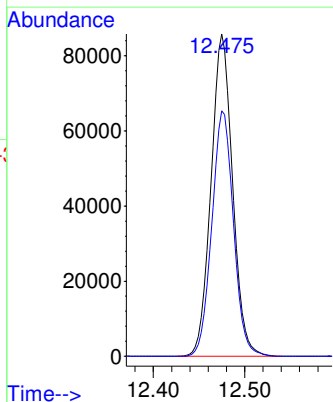
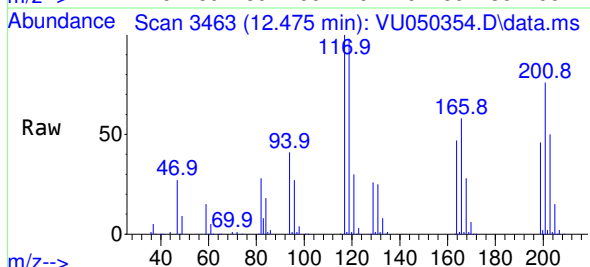
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

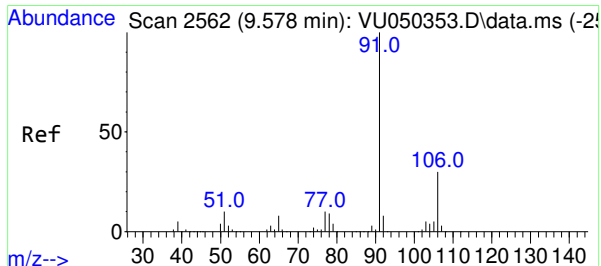
Tgt Ion:117 Resp: 161518  
Ion Ratio Lower Upper  
117 100  
167 80.6 66.2 99.4



#62  
Hexachloroethane  
Concen: 16.42 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:117 Resp: 140729  
Ion Ratio Lower Upper  
117 100  
201 76.4 61.0 91.4

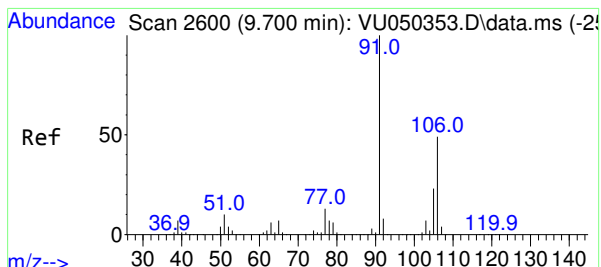
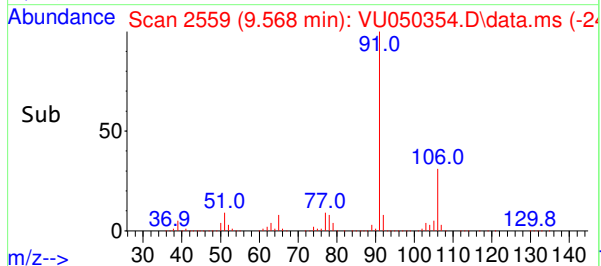
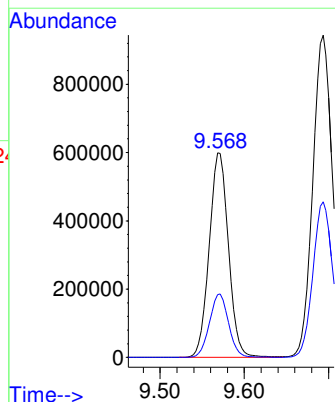
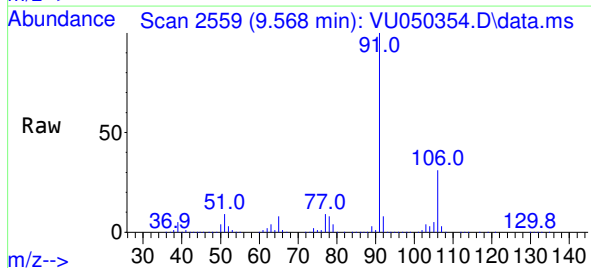




#63  
Ethyl Benzene  
Concen: 16.84 ug/l  
RT: 9.568 min Scan# 2559  
Delta R.T. -0.009 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

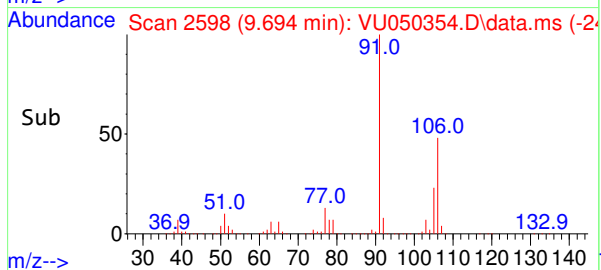
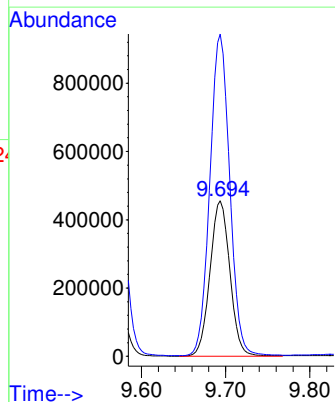
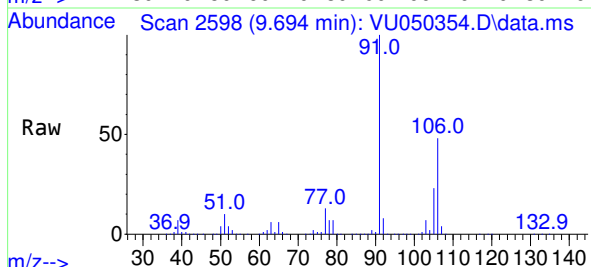
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC015

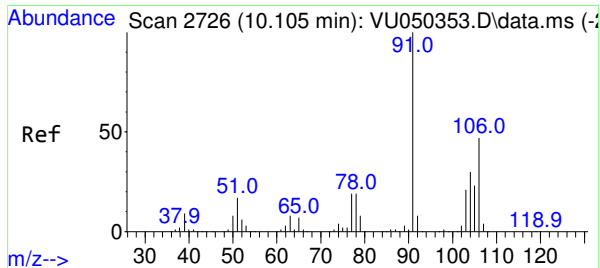
Tgt Ion: 91 Resp: 949748  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.4 36.6



#64  
m/p-Xylenes  
Concen: 35.66 ug/l  
RT: 9.694 min Scan# 2598  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:106 Resp: 744027  
Ion Ratio Lower Upper  
106 100  
91 206.9 167.8 251.6

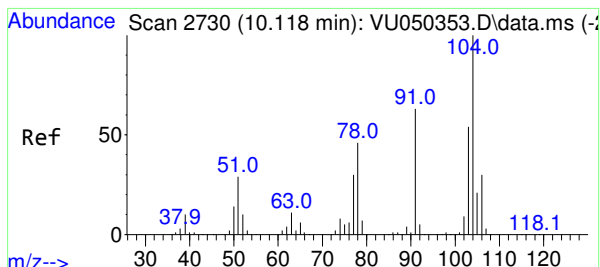
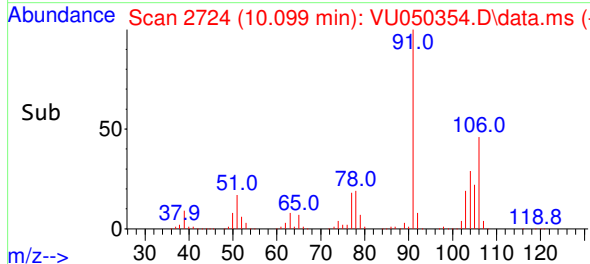
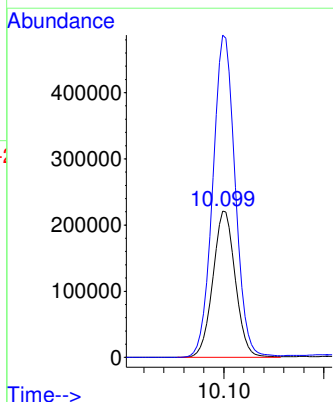
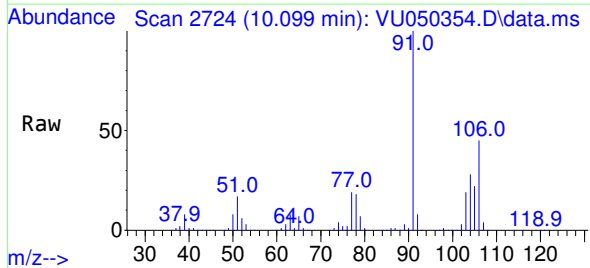




#65  
o-Xylene  
Concen: 16.87 ug/l  
RT: 10.099 min Scan# 2724  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

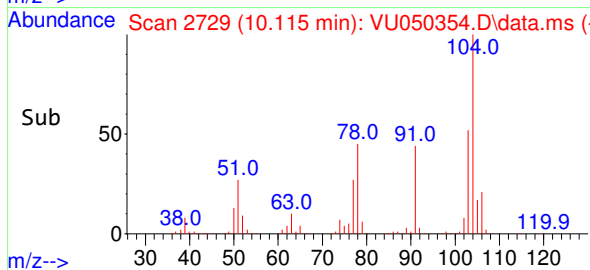
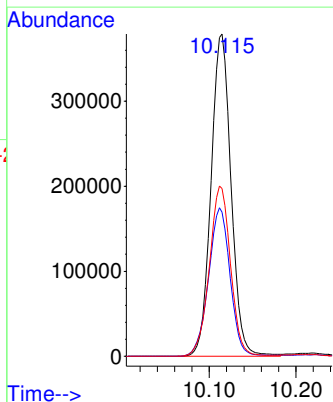
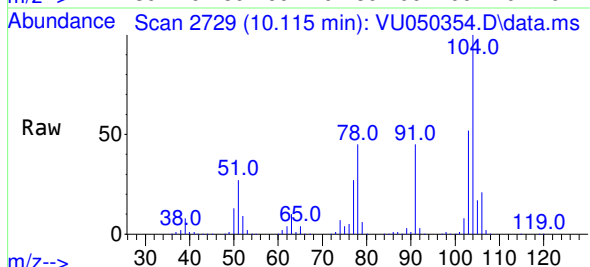
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

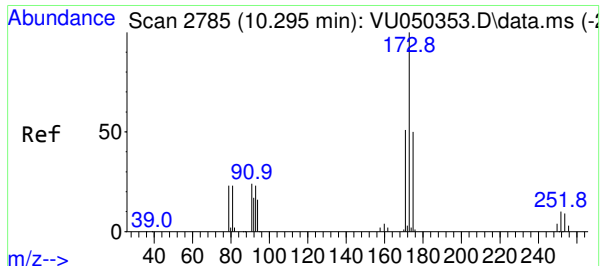
Tgt Ion:106 Resp: 345832  
Ion Ratio Lower Upper  
106 100  
91 220.6 111.1 333.2



#66  
Styrene  
Concen: 18.56 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:104 Resp: 611536  
Ion Ratio Lower Upper  
104 100  
78 49.5 42.1 63.1  
103 56.0 44.5 66.7

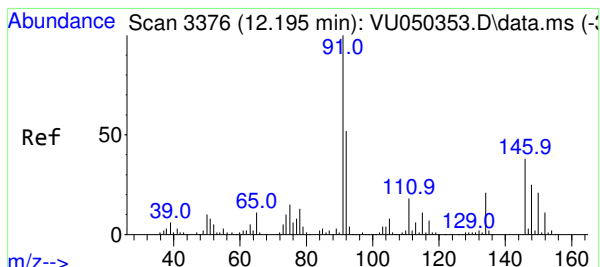
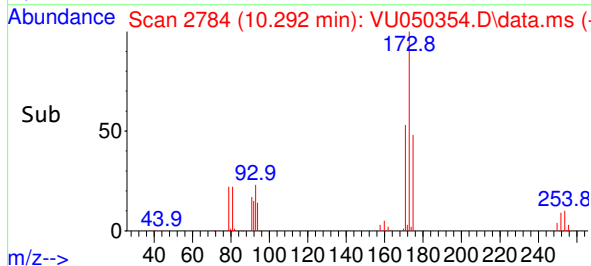
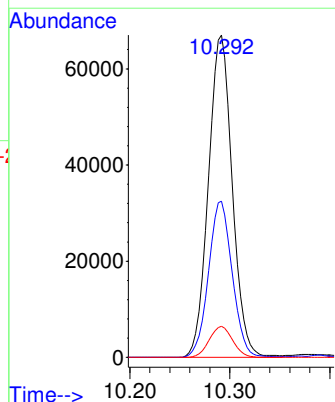
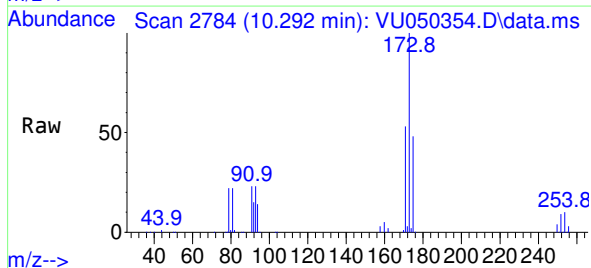




#67  
Bromoform  
Concen: 19.16 ug/l  
RT: 10.292 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

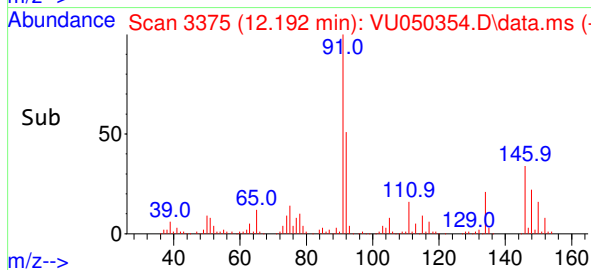
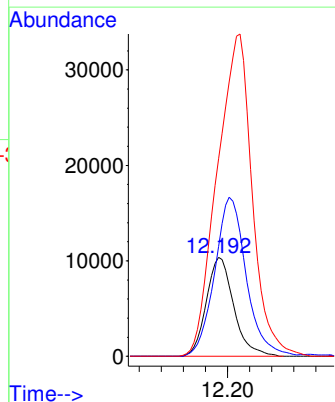
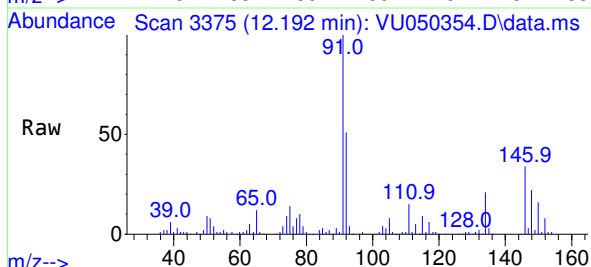
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

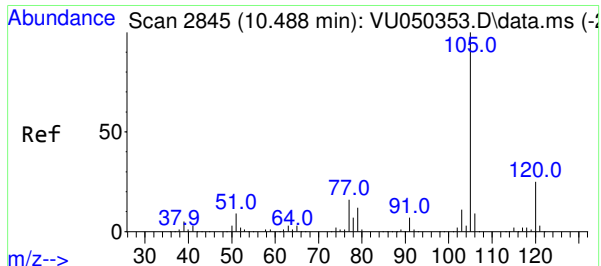
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 173   | Resp: | 111518 |
| Ion      | Ratio | Lower | Upper  |
| 173      | 100   |       |        |
| 175      | 48.2  | 38.4  | 57.6   |
| 254      | 9.4   | 7.7   | 11.5   |



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.18 ug/l  
RT: 12.192 min Scan# 3375  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 17893 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 184.7 | 0.0   | 254.6 |
| 150      | 415.3 | 0.0   | 623.6 |

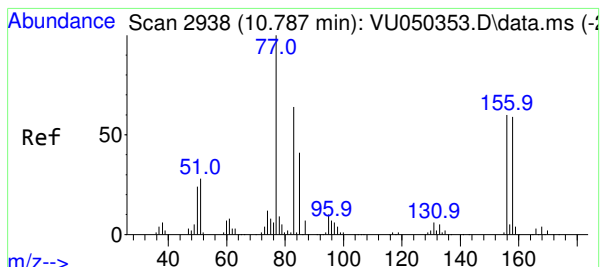
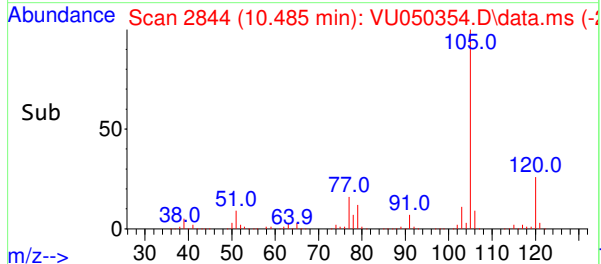
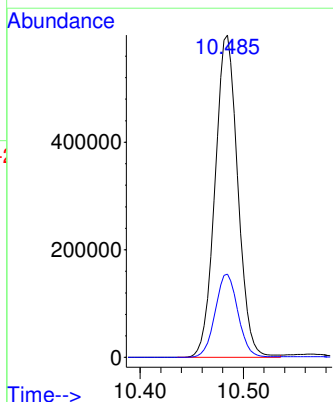
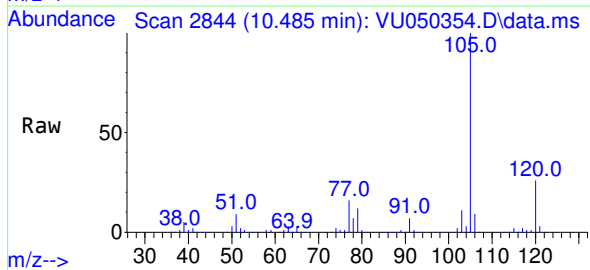




#69  
Isopropylbenzene  
Concen: 16.72 ug/l  
RT: 10.485 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

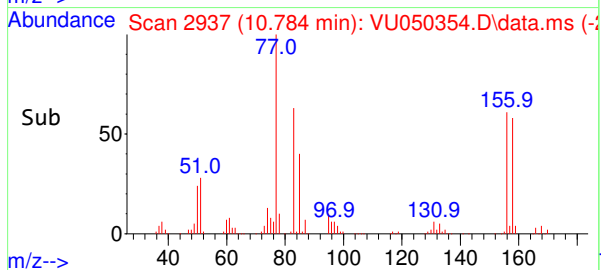
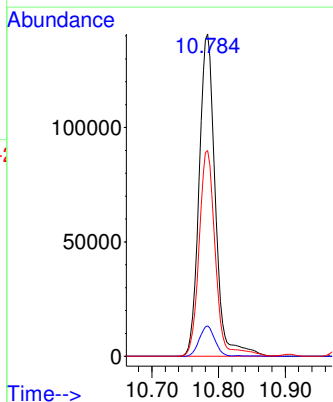
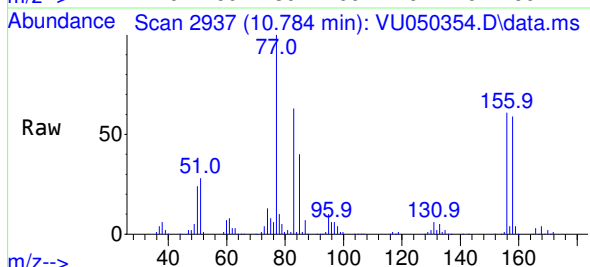
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

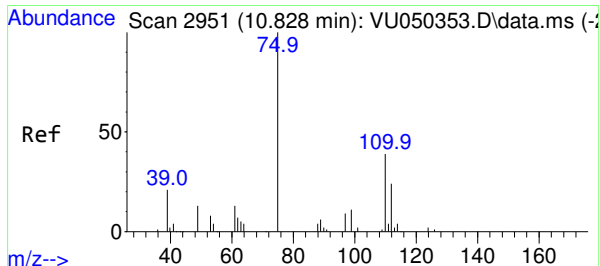
Tgt Ion:105 Resp: 915833  
Ion Ratio Lower Upper  
105 100  
120 25.9 12.6 37.8



#70  
1,1,2,2-Tetrachloroethane  
Concen: 20.48 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 83 Resp: 237618  
Ion Ratio Lower Upper  
83 100  
131 9.1 7.7 11.5  
85 64.2 51.2 76.8

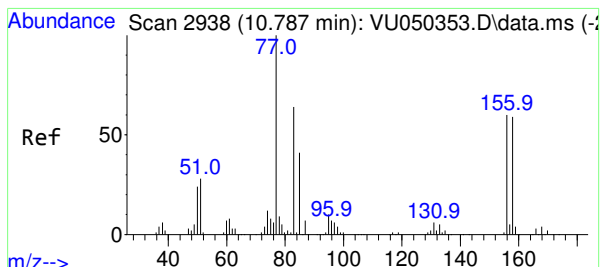
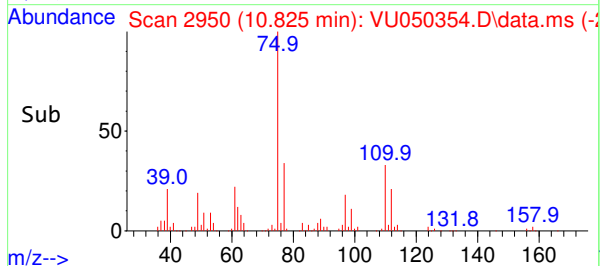
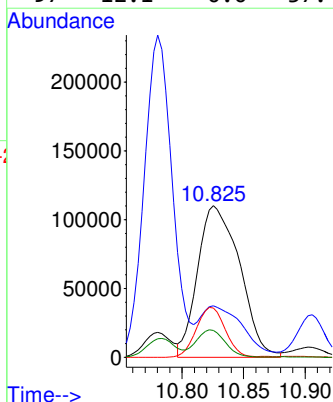
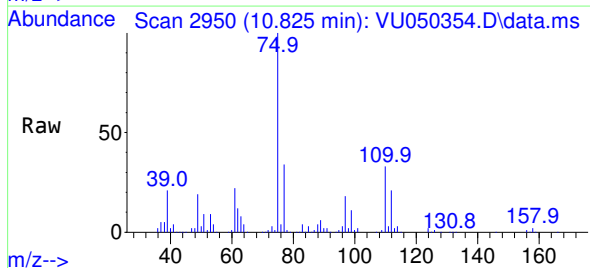




#71  
1,2,3-Trichloropropane  
Concen: 27.25 ug/l  
RT: 10.825 min Scan# 2951  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

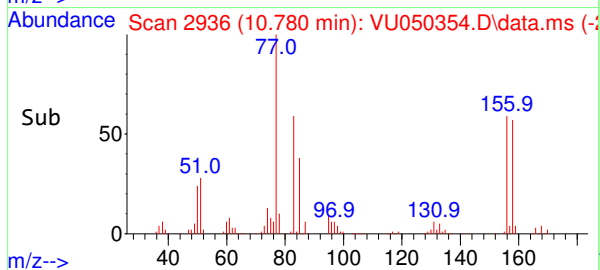
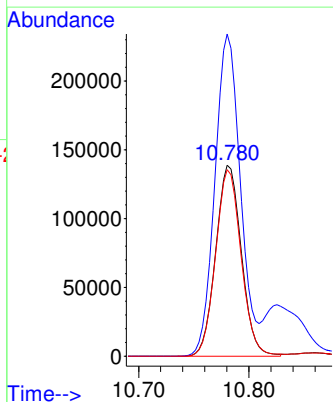
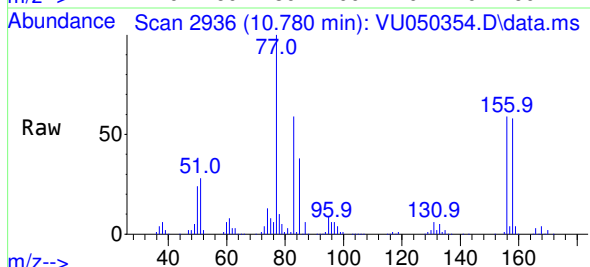
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC015

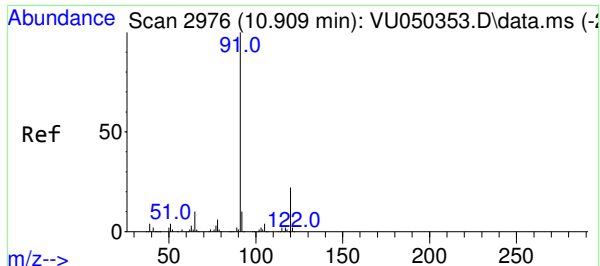
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 261686 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 34.1  | 0.0   | 112.4  |
| 110      | 22.9  | 0.0   | 70.6   |
| 97       | 12.1  | 0.0   | 37.4   |



#72  
Bromobenzene  
Concen: 18.13 ug/l  
RT: 10.780 min Scan# 2936  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 156   | Resp: | 223703 |
| Ion      | Ratio | Lower | Upper  |
| 156      | 100   |       |        |
| 77       | 167.8 | 0.0   | 344.4  |
| 158      | 97.3  | 0.0   | 192.2  |

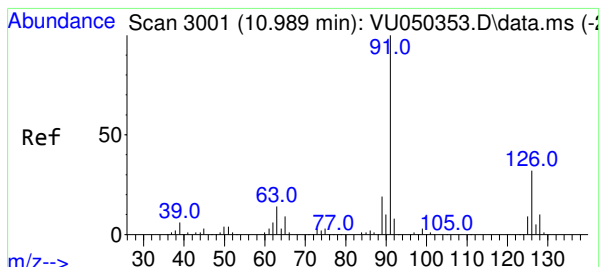
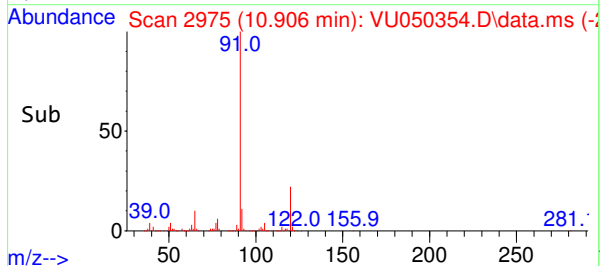
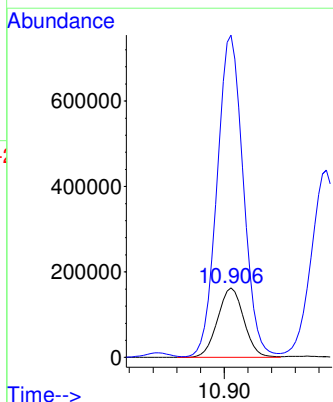
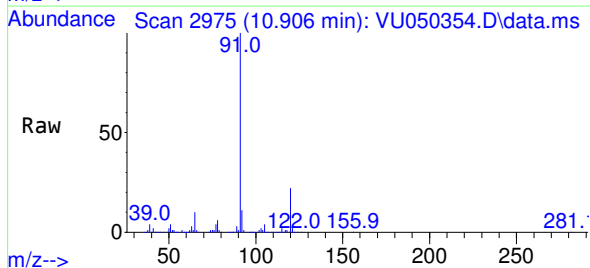




#73  
n-propylbenzene  
Concen: 18.02 ug/l  
RT: 10.906 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

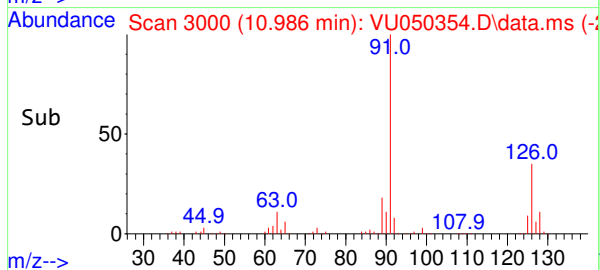
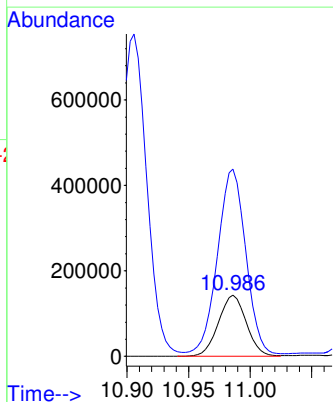
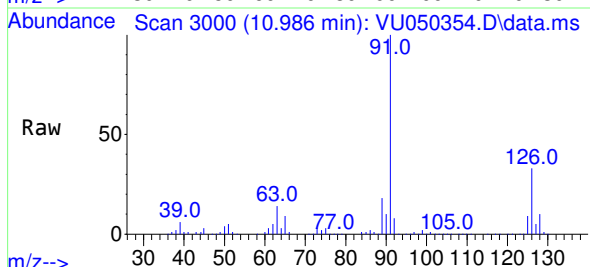
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

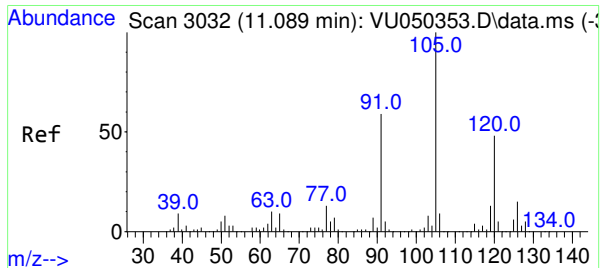
Tgt Ion:120 Resp: 249091  
Ion Ratio Lower Upper  
120 100  
91 460.5 367.8 551.6



#74  
2-Chlorotoluene  
Concen: 18.31 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:126 Resp: 225627  
Ion Ratio Lower Upper  
126 100  
91 305.1 0.0 620.6

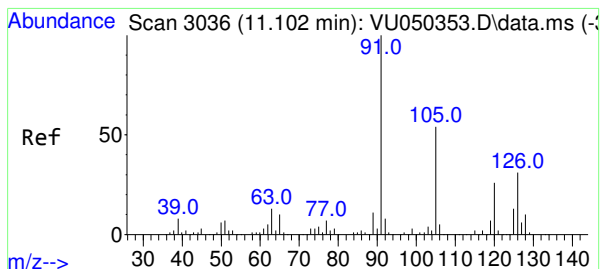
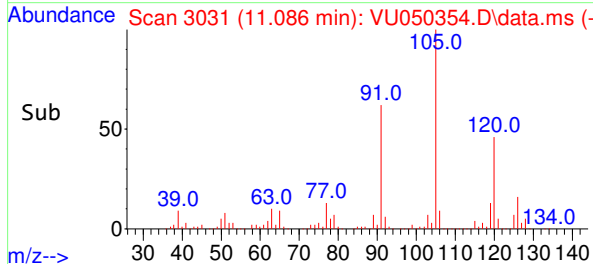
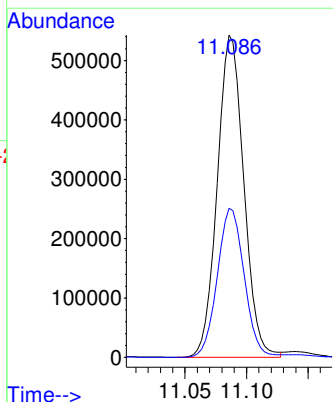
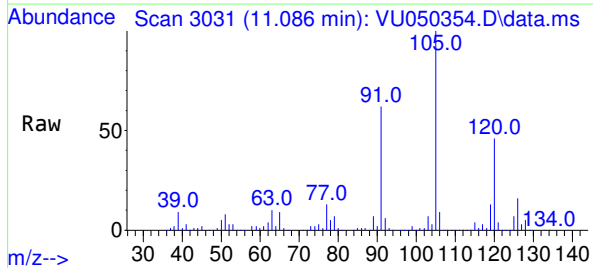




#75  
1,3,5-Trimethylbenzene  
Concen: 17.74 ug/l  
RT: 11.086 min Scan# 3031  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

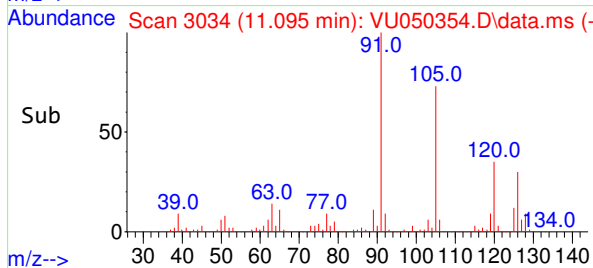
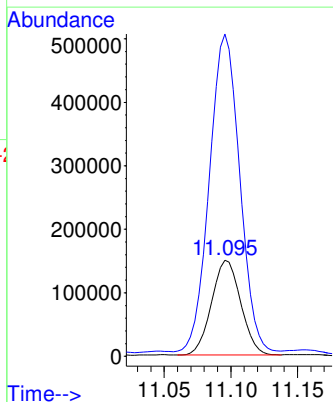
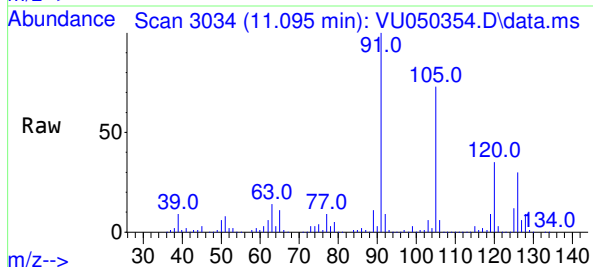
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC015

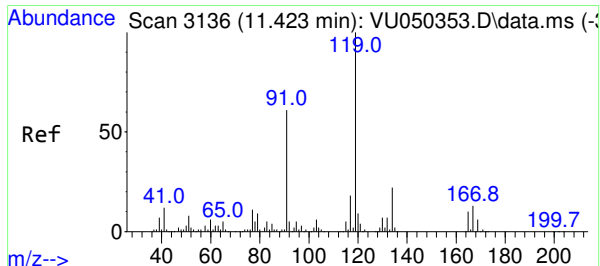
Tgt Ion:105 Resp: 812337  
Ion Ratio Lower Upper  
105 100  
120 47.0 37.6 56.4



#76  
4-Chlorotoluene  
Concen: 18.39 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. -0.006 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion:126 Resp: 227272  
Ion Ratio Lower Upper  
126 100  
91 346.0 0.0 738.8





#77

tert-Butylbenzene

Concen: 16.97 ug/l

RT: 11.420 min Scan# 3136

Delta R.T. -0.003 min

Lab File: VU050354.D

Acq: 17 Aug 2022 11:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC015

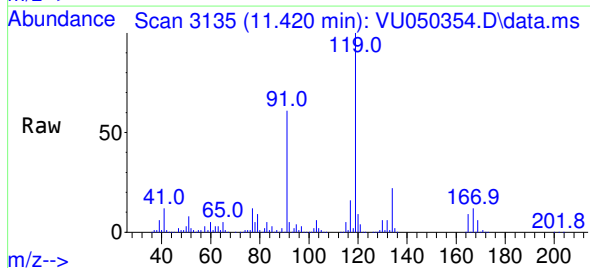
Tgt Ion:119 Resp: 764849

Ion Ratio Lower Upper

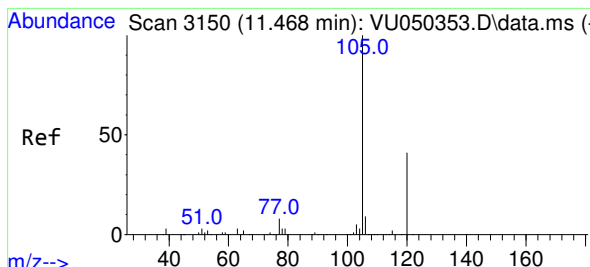
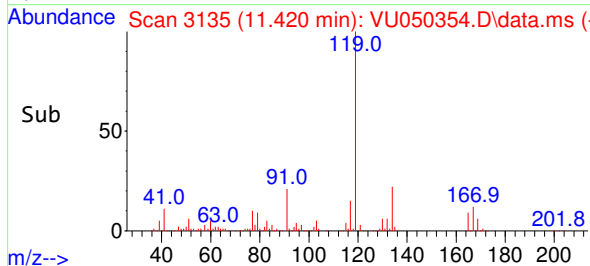
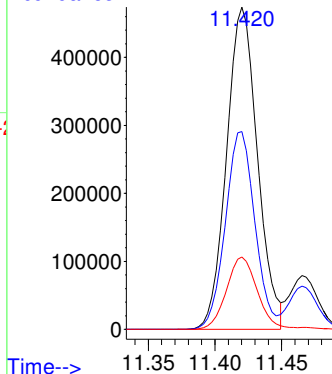
119 100

91 58.4 30.4 91.3

134 22.8 17.8 26.6



Abundance



#78

1,2,4-Trimethylbenzene

Concen: 17.93 ug/l

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU050354.D

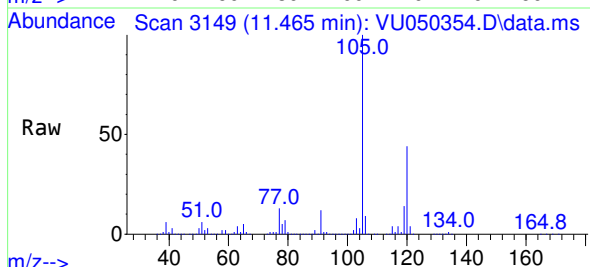
Acq: 17 Aug 2022 11:41

Tgt Ion:105 Resp: 824260

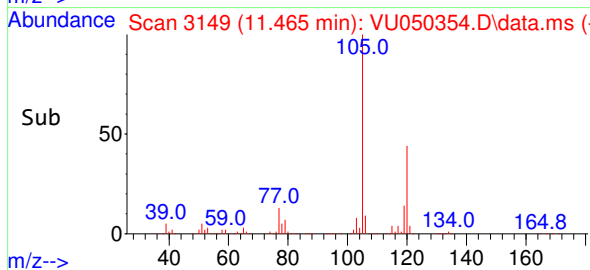
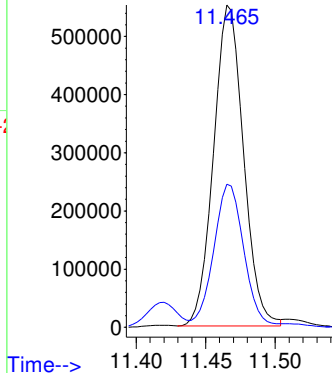
Ion Ratio Lower Upper

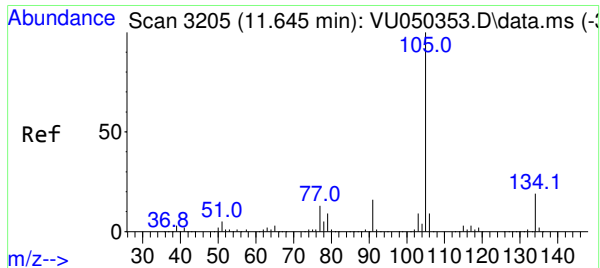
105 100

120 45.9 21.6 65.0



Abundance

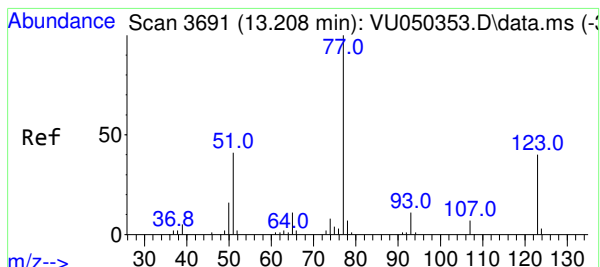
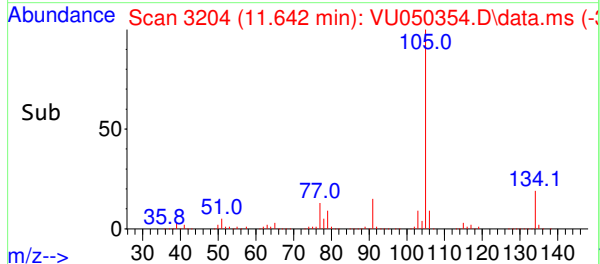
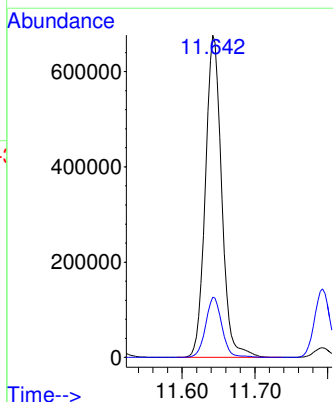
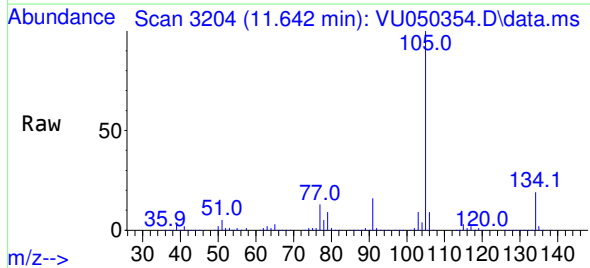




#79  
 sec-Butylbenzene  
 Concen: 17.78 ug/l  
 RT: 11.642 min Scan# 319  
 Delta R.T. -0.003 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

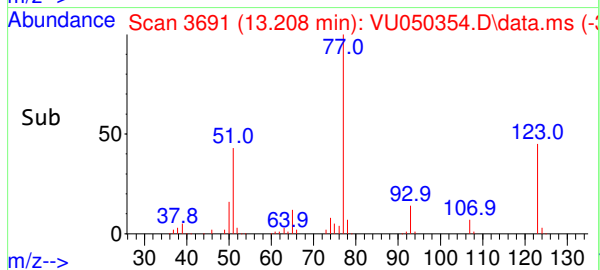
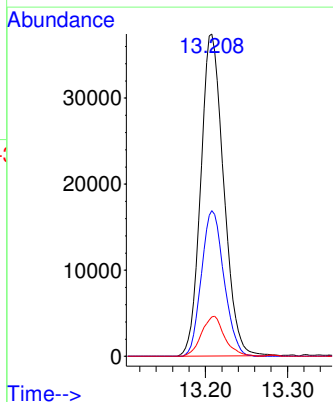
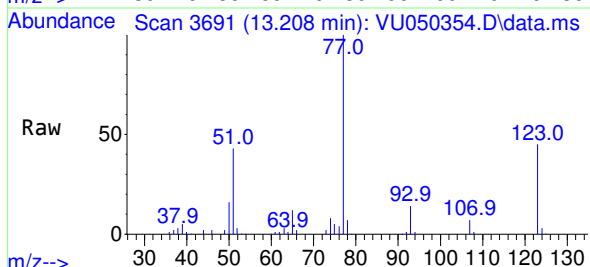
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC015

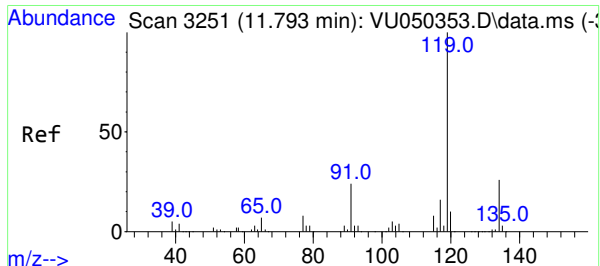
Tgt Ion:105 Resp: 1051523  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 153.21 ug/l  
 RT: 13.208 min Scan# 3691  
 Delta R.T. 0.000 min  
 Lab File: VU050354.D  
 Acq: 17 Aug 2022 11:41

Tgt Ion: 77 Resp: 72711  
 Ion Ratio Lower Upper  
 77 100  
 123 44.5 18.1 64.3  
 65 12.5 10.8 13.8

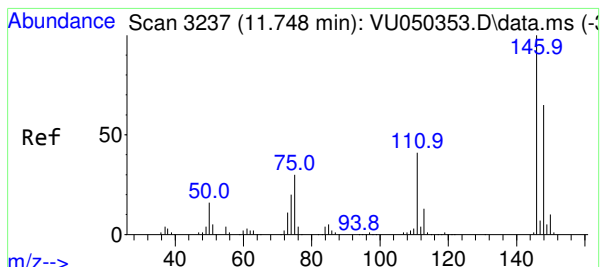
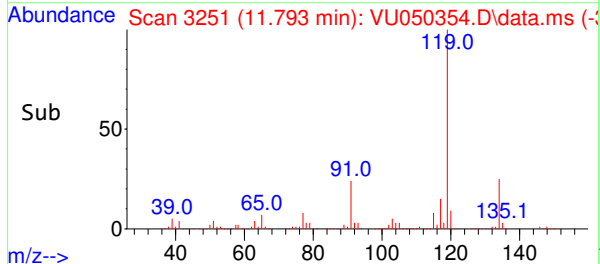
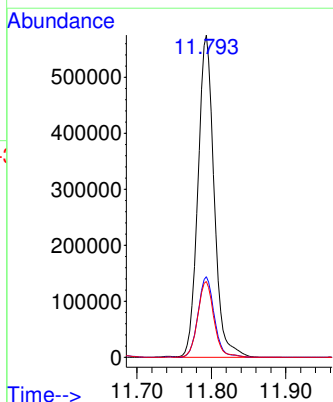
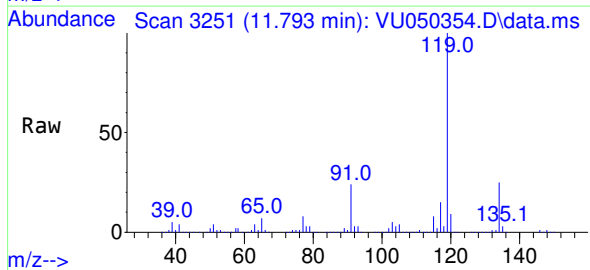




#81  
p-Isopropyltoluene  
Concen: 18.15 ug/l  
RT: 11.793 min Scan# 3251  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

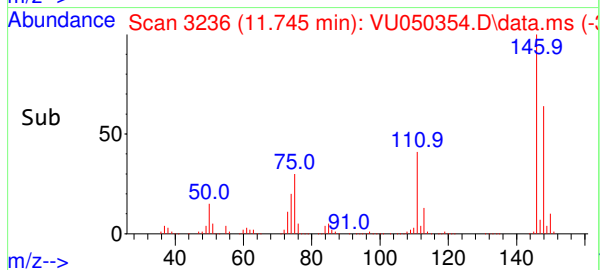
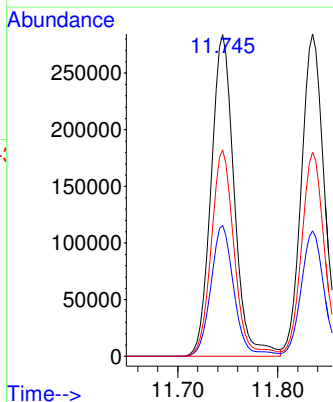
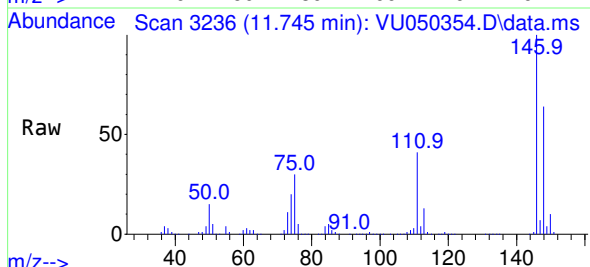
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

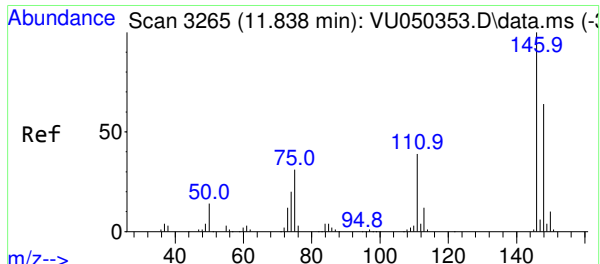
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 870623 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 134      | 25.3  | 20.5  | 30.7   |
| 91       | 23.7  | 19.8  | 29.6   |



#82  
1,3-Dichlorobenzene  
Concen: 19.16 ug/l  
RT: 11.745 min Scan# 3236  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 457346 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 40.7  | 33.4  | 50.2   |
| 148      | 63.8  | 51.2  | 76.8   |

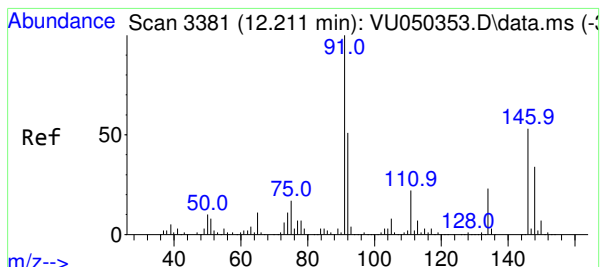
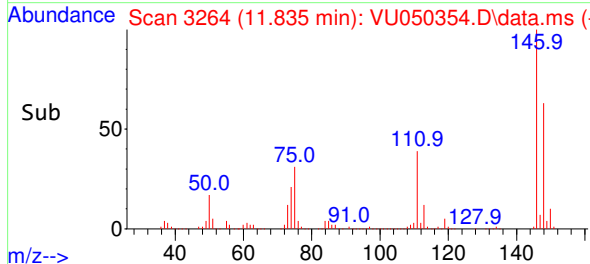
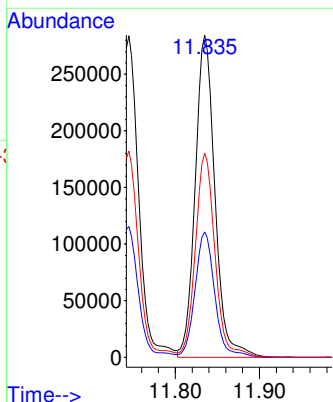
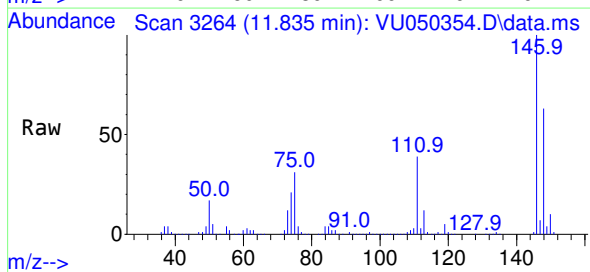




#83  
1,4-Dichlorobenzene  
Concen: 19.20 ug/l  
RT: 11.835 min Scan# 3  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

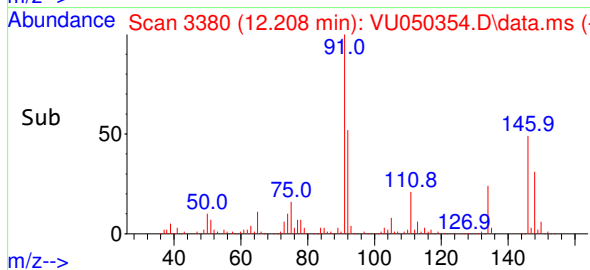
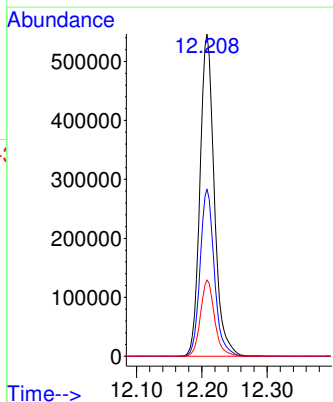
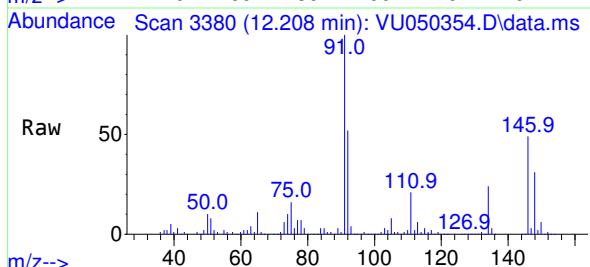
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

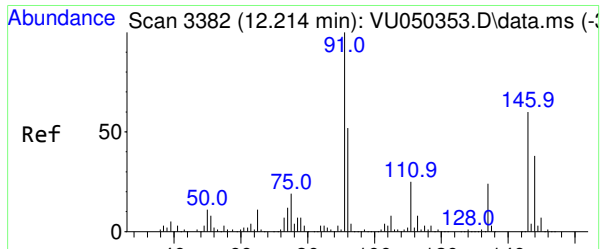
Tgt Ion: 146 Resp: 462632  
Ion Ratio Lower Upper  
146 100  
111 39.0 32.6 49.0  
148 63.1 51.6 77.4



#84  
n-Butylbenzene  
Concen: 18.58 ug/l  
RT: 12.208 min Scan# 3380  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Tgt Ion: 91 Resp: 830065  
Ion Ratio Lower Upper  
91 100  
92 51.7 42.3 63.5  
134 23.4 19.6 29.4

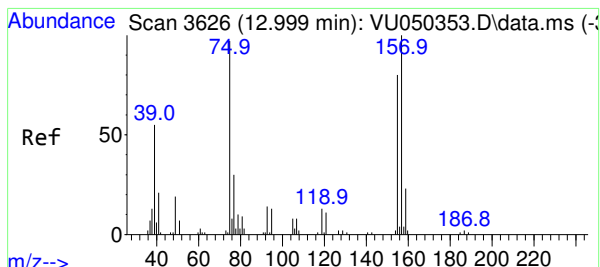
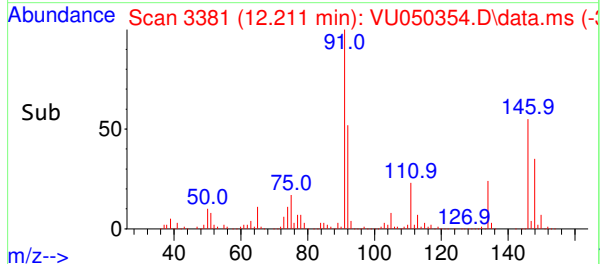
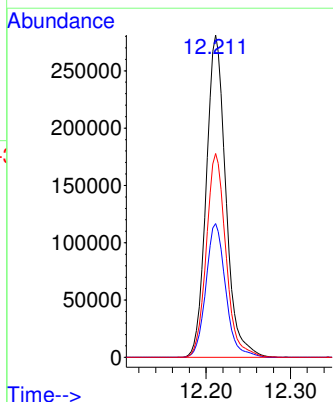
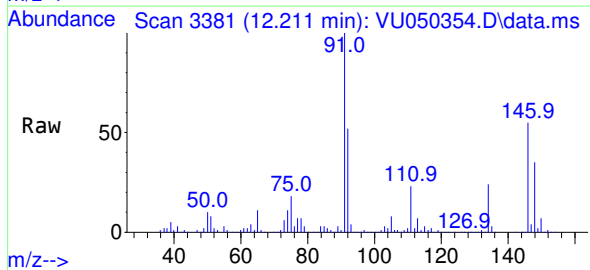




#85  
1,2-Dichlorobenzene  
Concen: 19.59 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

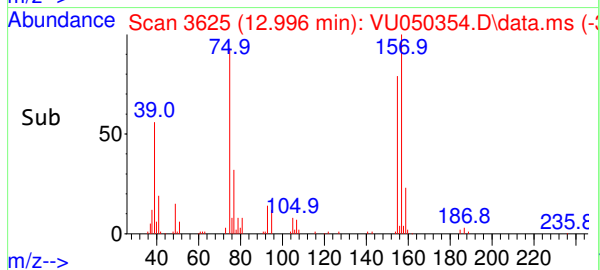
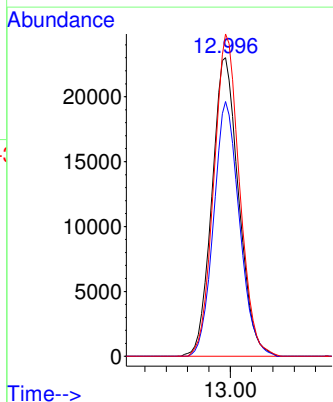
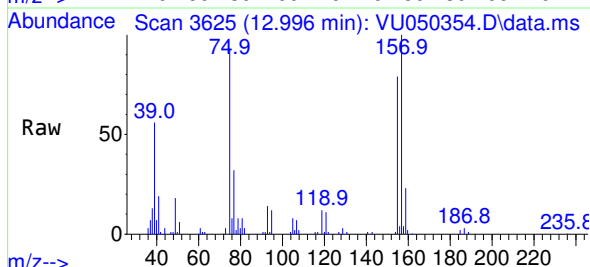
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC015

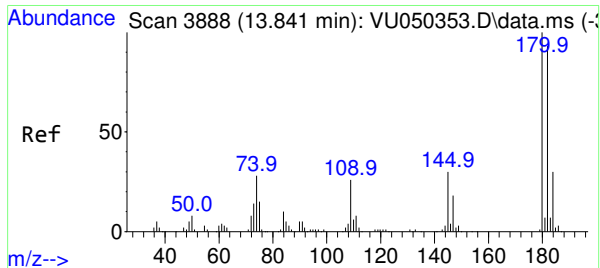
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 453105 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 42.0  | 22.1  | 66.1   |
| 148      | 63.5  | 32.1  | 96.3   |



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 19.81 ug/l  
RT: 12.996 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 40085 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 82.2  | 66.8  | 100.2 |
| 157      | 103.7 | 83.8  | 125.8 |

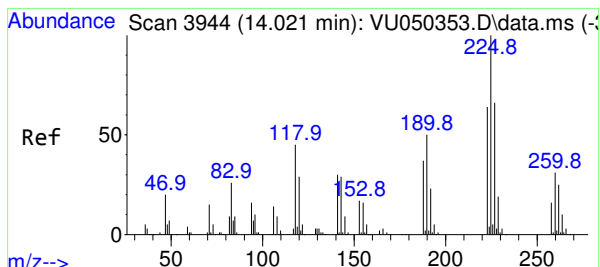
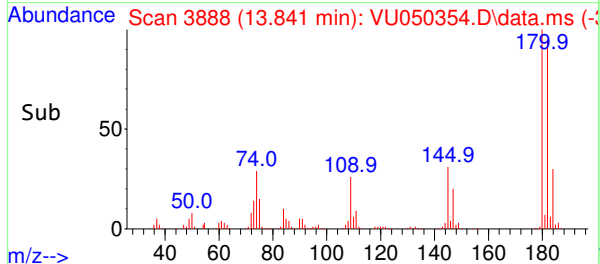
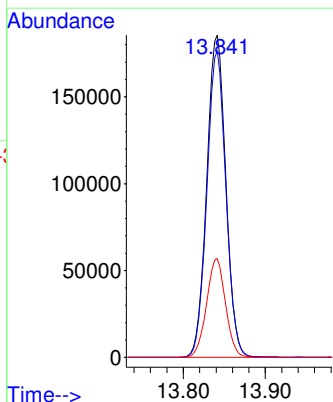
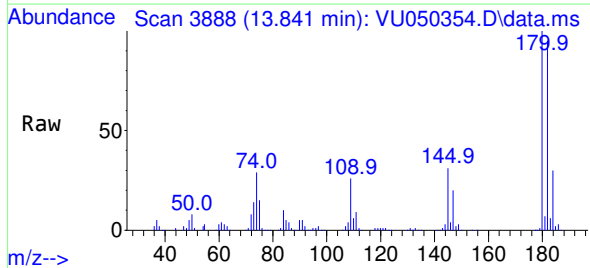




#87  
1,2,4-Trichlorobenzene  
Concen: 19.21 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

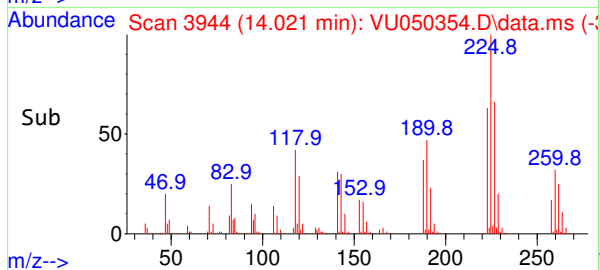
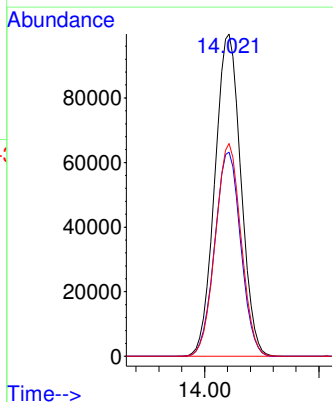
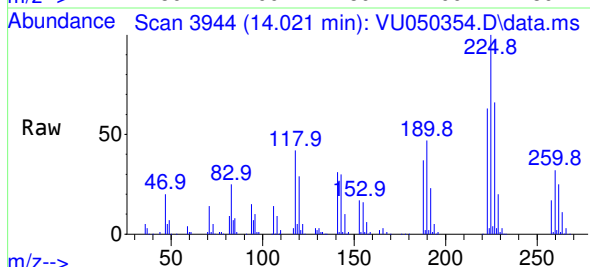
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MSVOA\_U  
ClientSampleId :  
VSTDIC015

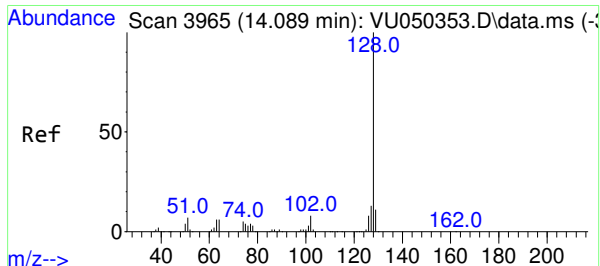
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 299692 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.6  | 77.0  | 115.6  |
| 145      | 30.5  | 25.7  | 38.5   |



#88  
Hexachlorobutadiene  
Concen: 19.90 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 158257 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 50.6  | 76.0   |
| 227      | 65.2  | 50.7  | 76.1   |

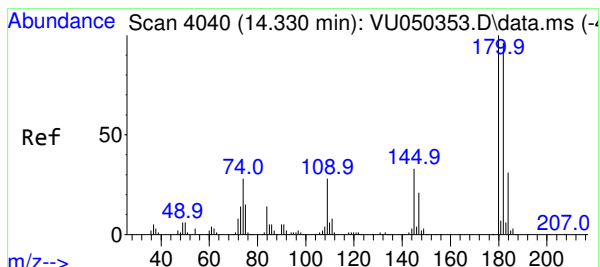
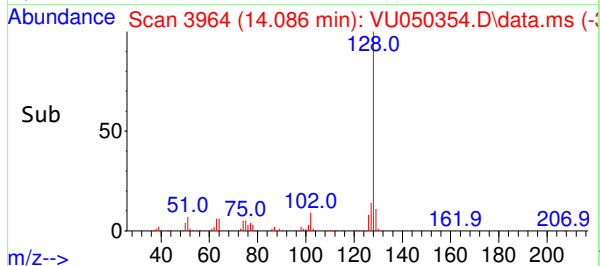
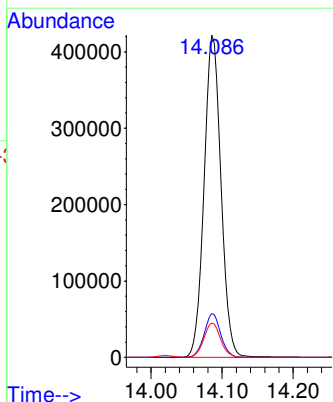
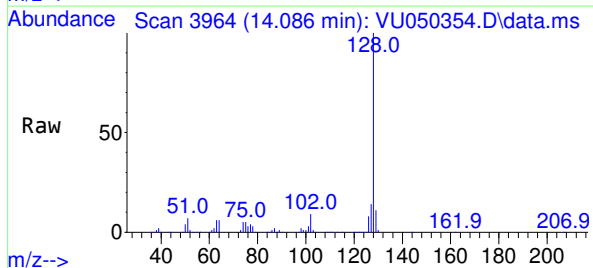




#89  
Naphthalene  
Concen: 21.27 ug/l  
RT: 14.086 min Scan# 3  
Delta R.T. -0.003 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC015

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 695797 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.1  | 15.1   |
| 129      | 10.6  | 8.6   | 12.8   |



#90  
1,2,3-Trichlorobenzene  
Concen: 20.71 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU050354.D  
Acq: 17 Aug 2022 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 308597 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 96.8  | 76.6  | 114.8  |
| 145      | 33.1  | 27.3  | 40.9   |

