

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081922\  
 Data File : VU050373.D  
 Acq On : 19 Aug 2022 13:13  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

Quant Time: Aug 19 14:07:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Aug 19 14:03:49 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|------|----------|-------|---------|----------|
| -----                        |        |      |          |       |         |          |
| Internal Standards           |        |      |          |       |         |          |
| 1) Fluorobenzene             | 6.118  | 96   | 38971    | 1.00  | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |         |          |
| 57) 4-Bromofluorobenzene     | 10.639 | 95   | 13352    | 0.99  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 99.00%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.195 | 152  | 16124    | 1.06  | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =     | 106.00% |          |
| Target Compounds             |        |      |          |       |         |          |
|                              |        |      |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385  | 85   | 80426    | 5.38  | ug/l    | 99       |
| 3) Chloromethane             | 1.520  | 50   | 91413    | 5.00  | ug/l    | 99       |
| 4) Vinyl Chloride            | 1.604  | 62   | 85893    | 5.35  | ug/l    | 99       |
| 5) Bromomethane              | 1.855  | 94   | 34876    | 5.11  | ug/l    | 100      |
| 6) Chloroethane              | 1.932  | 64   | 51091    | 5.11  | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.138  | 101  | 106524   | 5.66  | ug/l    | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 58014    | 5.69  | ug/l    | 96       |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 57970    | 5.42  | ug/l    | 98       |
| 10) Iodomethane              | 2.732  | 142  | 51168    | 4.96  | ug/l    | 99       |
| 11) Allyl Chloride           | 2.945  | 41   | 86353    | 4.93  | ug/l    | 97       |
| 12) Acrylonitrile            | 3.346  | 53   | 27971    | 7.97  | ug/l    | 98       |
| 13) Acetone                  | 2.642  | 43   | 38219    | 15.30 | ug/l    | 93       |
| 14) Carbon Disulfide         | 2.806  | 76   | 175461   | 4.84  | ug/l    | 100      |
| 15) Methylene Chloride       | 3.067  | 84   | 69866    | 4.75  | ug/l    | 93       |
| 16) trans-1,2-Dichloroethene | 3.372  | 96   | 60235    | 5.17  | ug/l    | 97       |
| 17) 1,1-Dichloroethane       | 3.890  | 63   | 122648   | 5.20  | ug/l    | 100      |
| 18) 2-Butanone               | 4.755  | 43   | 73787    | 18.93 | ug/l    | 100      |
| 19) Cyclohexane              | 5.369  | 56   | 83862    | 5.99  | ug/l    | 97       |
| 20) Methylcyclohexane        | 6.797  | 83   | 70561    | 5.26  | ug/l    | 97       |
| 21) 2,2-Dichloropropane      | 4.674  | 77   | 90801    | 5.19  | ug/l    | 97       |
| 22) cis-1,2-Dichloroethene   | 4.678  | 96   | 66799    | 5.23  | ug/l    | 96       |
| 23) Diethyl Ether            | 2.382  | 59   | 49075    | 5.09  | ug/l    | 98       |
| 24) tert-Butyl Alcohol       | 3.231  | 59   | 37168    | 27.24 | ug/l    | 98       |
| 25) Methyl tert-Butyl Ether  | 3.398  | 73   | 153079   | 5.06  | ug/l    | 96       |
| 26) Bromochloromethane       | 4.980  | 128  | 26417    | 4.63  | ug/l    | 92       |
| 27) Chloroform               | 5.092  | 83   | 119539   | 5.36  | ug/l    | 97       |
| 28) 1,1,1-Trichloroethane    | 5.308  | 97   | 102024   | 5.72  | ug/l    | 99       |
| 29) 1,1-Dichloropropene      | 5.510  | 75   | 81904    | 5.94  | ug/l    | 97       |
| 30) Carbon Tetrachloride     | 5.510  | 117  | 83297    | 5.75  | ug/l    | 97       |
| 31) Isopropyl Ether          | 4.035  | 45   | 187671   | 5.18  | ug/l    | 96       |
| 32) Ethyl-t-butyl ether      | 4.539  | 59   | 151582   | 5.22  | ug/l    | 98       |
| 33) Tert-Amyl methyl ether   | 5.964  | 73   | 101588   | 5.27  | ug/l    | 97       |
| 34) Propionitrile            | 4.819  | 54   | 22034    | 16.74 | ug/l    | # 88     |
| 35) Benzene                  | 5.768  | 78   | 241445   | 5.28  | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.800  | 62   | 72940    | 5.10  | ug/l    | 100      |
| 37) Trichloroethene          | 6.581  | 130  | 57556    | 5.19  | ug/l    | 100      |
| 38) 1,2-Dichloropropane      | 6.832  | 63   | 66750    | 5.34  | ug/l    | 100      |
| 39) Methacrylonitrile        | 5.002  | 41   | 21172    | 4.97  | ug/l    | 92       |
| 40) Methyl acrylate          | 4.877  | 55   | 32317    | 4.33  | ug/l    | # 97     |
| 41) Tetrahydrofuran          | 5.092  | 42   | 20409    | 8.82  | ug/l    | 98       |
| 42) 1-Chlorobutane           | 5.449  | 56   | 114997   | 5.85  | ug/l    | 96       |
| 43) Dibromomethane           | 6.957  | 93   | 35708    | 5.18  | ug/l    | 99       |
| 44) Bromodichloromethane     | 7.144  | 83   | 82830    | 5.16  | ug/l    | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081922\  
 Data File : VU050373.D  
 Acq On : 19 Aug 2022 13:13  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

Quant Time: Aug 19 14:07:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Fri Aug 19 14:03:49 2022  
 Response via : Initial Calibration

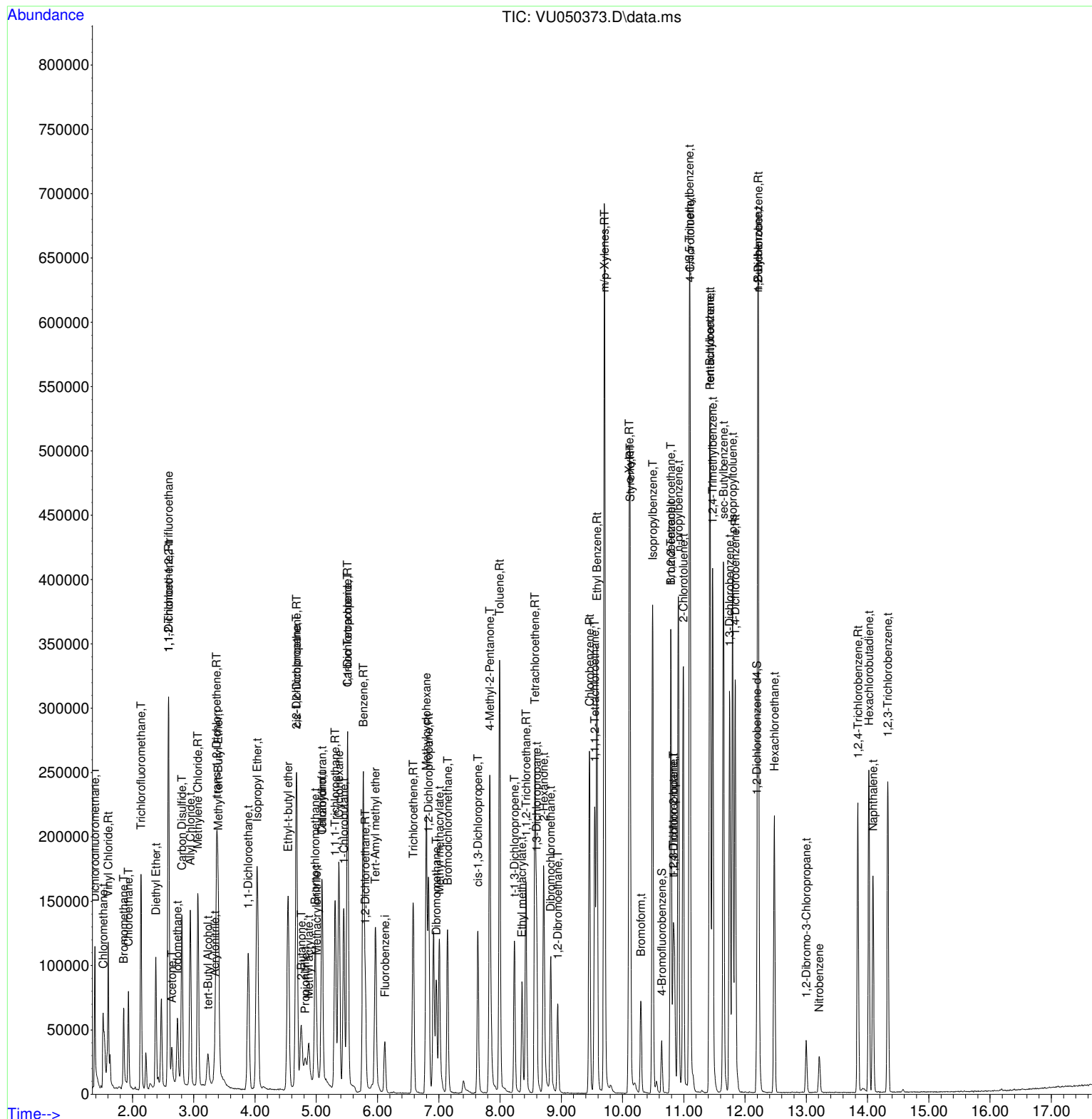
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.832  | 43   | 185493   | 25.19 | ug/l   | 99       |
| 46) t-1,4-Dichloro-2-butene   | 10.832 | 75   | 67285    | 26.15 | ug/l # | 47       |
| 47) Methyl methacrylate       | 7.009  | 69   | 56419    | 10.17 | ug/l   | 93       |
| 48) Ethyl methacrylate        | 8.359  | 69   | 48642    | 4.99  | ug/l   | 94       |
| 49) Toluene                   | 7.993  | 92   | 141459   | 5.58  | ug/l   | 98       |
| 50) t-1,3-Dichloropropene     | 8.234  | 75   | 66766    | 5.07  | ug/l   | 99       |
| 51) cis-1,3-Dichloropropene   | 7.639  | 75   | 74621    | 4.95  | ug/l   | 93       |
| 52) 1,1,2-Trichloroethane     | 8.423  | 97   | 52745    | 5.14  | ug/l   | 100      |
| 53) 1,3-Dichloropropane       | 8.597  | 76   | 84109    | 5.25  | ug/l   | 100      |
| 54) 2-Hexanone                | 8.713  | 43   | 129934   | 25.46 | ug/l   | 95       |
| 55) Dibromochloromethane      | 8.829  | 129  | 55875    | 5.08  | ug/l   | 98       |
| 56) 1,2-Dibromoethane         | 8.941  | 107  | 47005    | 5.22  | ug/l   | 100      |
| 58) Tetrachloroethene         | 8.571  | 164  | 55459    | 5.34  | ug/l   | 97       |
| 59) Chlorobenzene             | 9.459  | 112  | 144532   | 5.27  | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.546  | 131  | 58165    | 5.13  | ug/l   | 97       |
| 61) Pentachloroethane         | 11.430 | 117  | 50268    | 5.36  | ug/l   | 91       |
| 62) Hexachloroethane          | 12.478 | 117  | 40524    | 5.49  | ug/l   | 100      |
| 63) Ethyl Benzene             | 9.581  | 91   | 233860   | 5.41  | ug/l   | 99       |
| 64) m/p-Xylenes               | 9.706  | 106  | 194125   | 11.55 | ug/l   | 100      |
| 65) o-Xylene                  | 10.108 | 106  | 89395    | 5.50  | ug/l   | 99       |
| 66) Styrene                   | 10.124 | 104  | 156289   | 5.83  | ug/l   | 97       |
| 67) Bromoform                 | 10.298 | 173  | 33174    | 5.19  | ug/l   | 99       |
| 69) Isopropylbenzene          | 10.491 | 105  | 233692   | 5.61  | ug/l   | 98       |
| 70) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 72066    | 5.15  | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.832 | 75   | 67285    | 6.70  | ug/l   | 78       |
| 72) Bromobenzene              | 10.790 | 156  | 64542    | 5.56  | ug/l   | 94       |
| 73) n-propylbenzene           | 10.912 | 120  | 64845    | 5.92  | ug/l   | 94       |
| 74) 2-Chlorotoluene           | 10.992 | 126  | 64704    | 6.03  | ug/l   | 92       |
| 75) 1,3,5-Trimethylbenzene    | 11.092 | 105  | 216021   | 5.94  | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.102 | 126  | 66072    | 6.15  | ug/l   | 86       |
| 77) tert-Butylbenzene         | 11.423 | 119  | 199689   | 5.60  | ug/l   | 97       |
| 78) 1,2,4-Trimethylbenzene    | 11.472 | 105  | 225416   | 6.01  | ug/l   | 98       |
| 79) sec-Butylbenzene          | 11.648 | 105  | 275039   | 5.84  | ug/l   | 99       |
| 80) Nitrobenzene              | 13.211 | 77   | 18205    | 21.51 | ug/l   | 92       |
| 81) p-Isopropyltoluene        | 11.796 | 119  | 217327   | 5.76  | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.748 | 146  | 133676   | 5.66  | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.838 | 146  | 133654   | 5.62  | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.211 | 91   | 196450   | 5.49  | ug/l   | 95       |
| 85) 1,2-Dichlorobenzene       | 12.214 | 146  | 129171   | 5.47  | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 11161    | 4.98  | ug/l   | 97       |
| 87) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 68917    | 5.01  | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.021 | 225  | 45268    | 5.56  | ug/l   | 98       |
| 89) Naphthalene               | 14.089 | 128  | 138208   | 4.44  | ug/l   | 99       |
| 90) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 75987    | 5.36  | ug/l   | 99       |

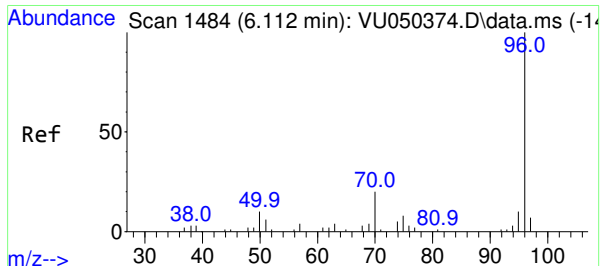
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081922\  
Data File : VU050373.D  
Acq On : 19 Aug 2022 13:13  
Operator : SY/MD  
Sample : VSTDIC005  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

Quant Time: Aug 19 14:07:30 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U081922DW.M  
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
QLast Update : Fri Aug 19 14:03:49 2022  
Response via : Initial Calibration

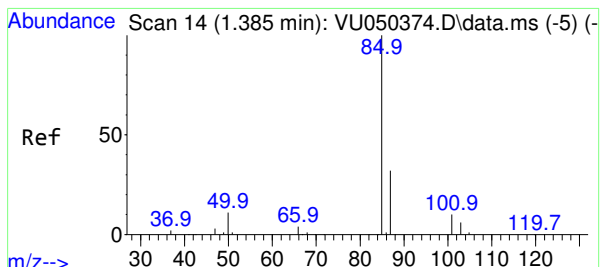
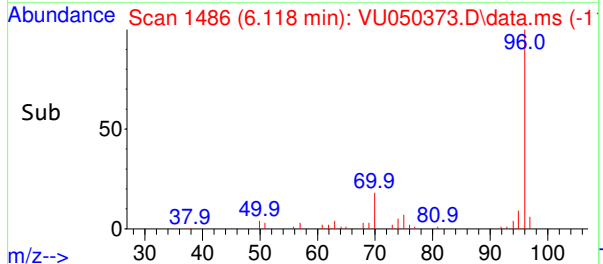
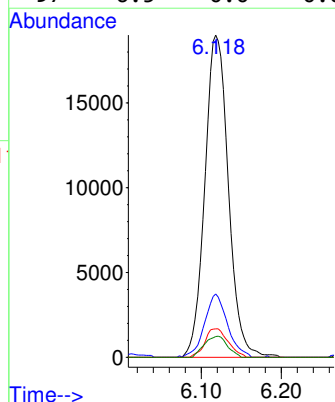
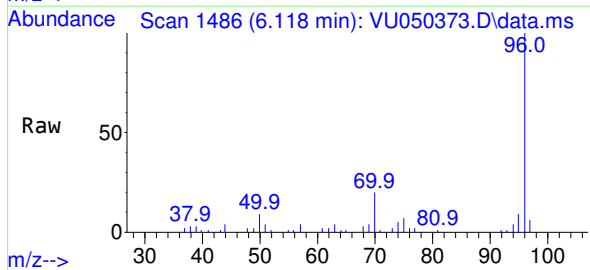




#1  
Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.118 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

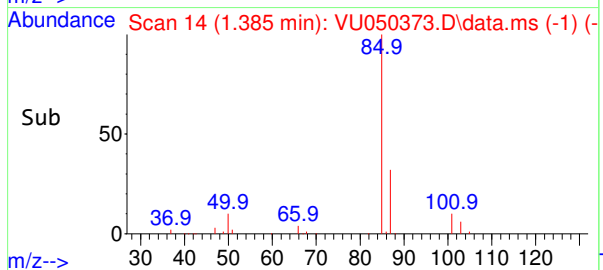
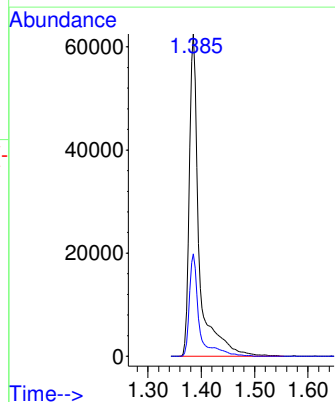
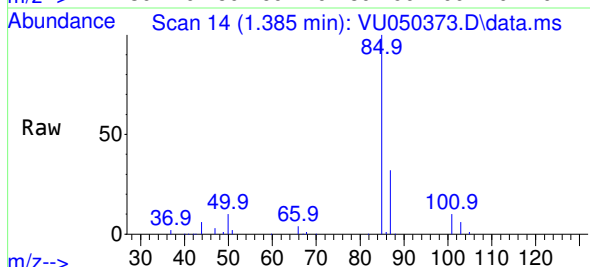
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

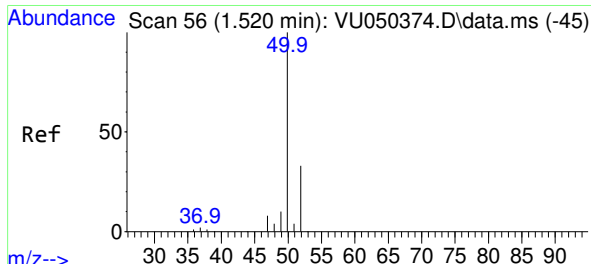
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|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 38971 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 19.3  | 16.7  | 25.1  |
| 95       | 8.8   | 7.4   | 11.0  |
| 97       | 6.5   | 0.0   | 0.0#  |



#2  
Dichlorodifluoromethane  
Concen: 5.38 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 80426 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 31.8  | 16.3  | 48.8  |

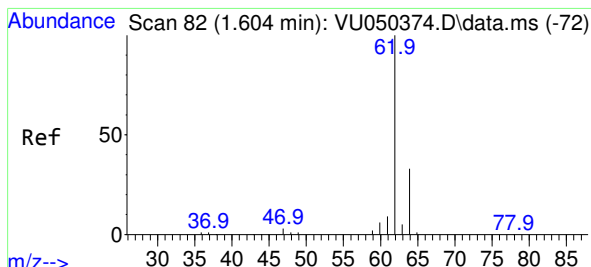
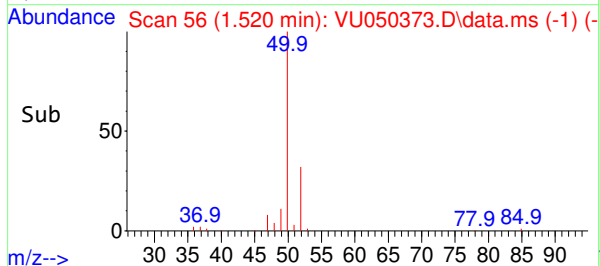
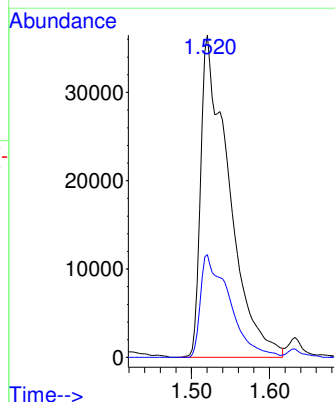
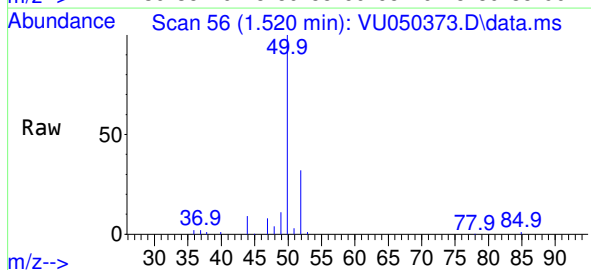




#3  
Chloromethane  
Concen: 5.00 ug/l  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

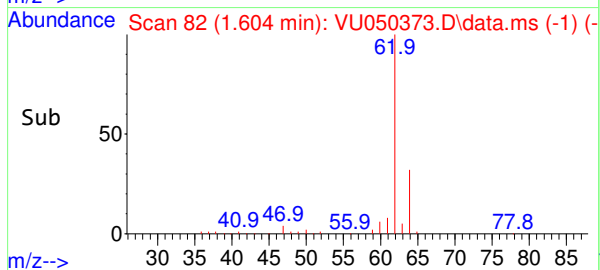
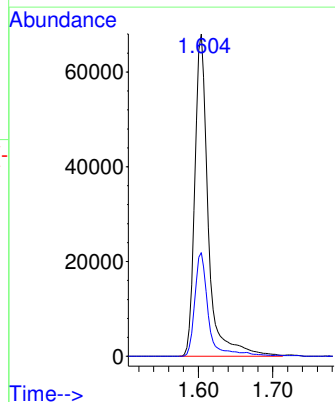
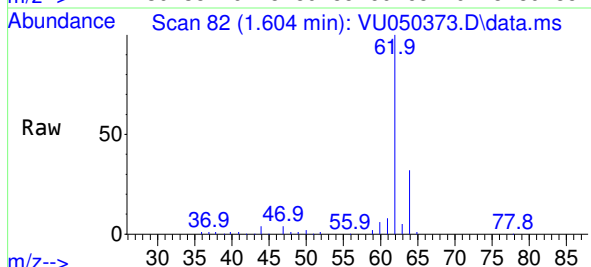
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

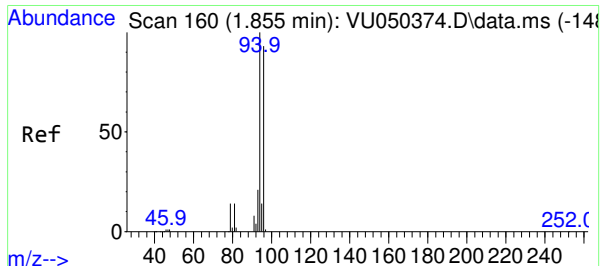
Tgt Ion: 50 Resp: 91413  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.1 39.1



#4  
Vinyl Chloride  
Concen: 5.35 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 62 Resp: 85893  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.5 38.3

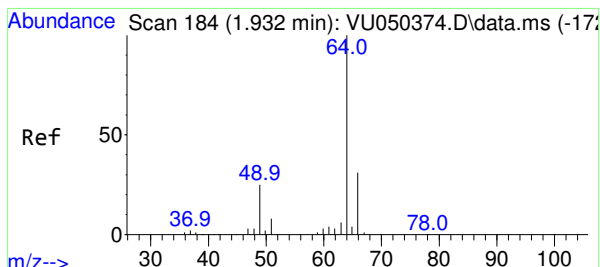
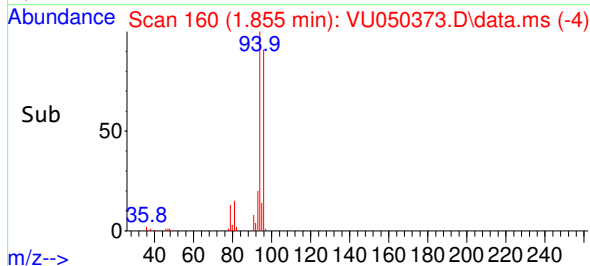
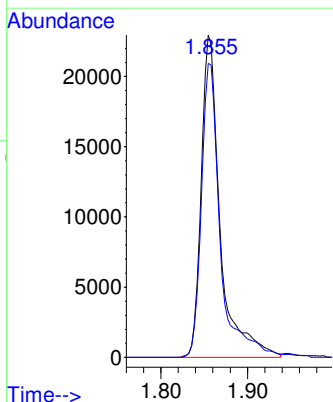
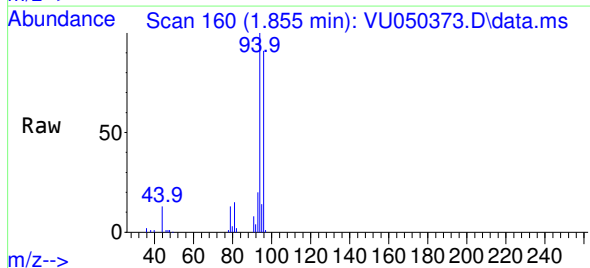




#5  
Bromomethane  
Concen: 5.11 ug/l  
RT: 1.855 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

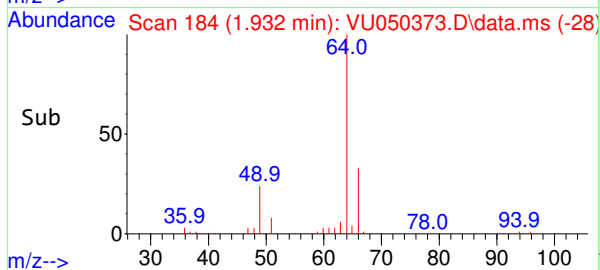
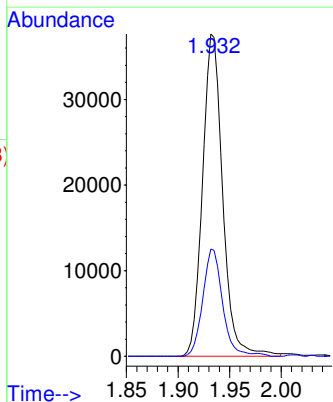
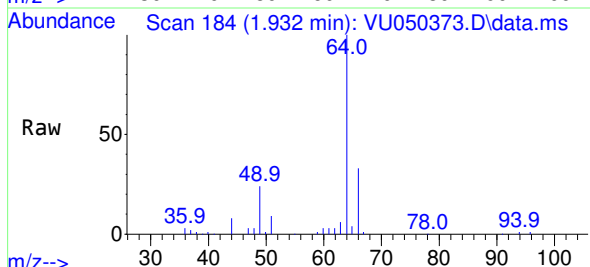
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

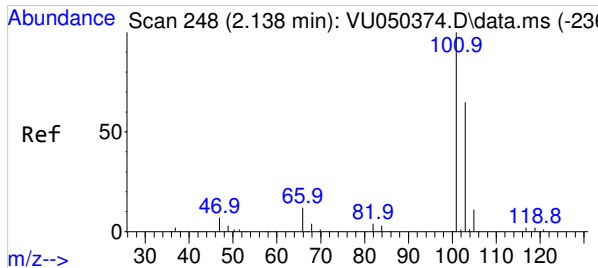
Tgt Ion: 94 Resp: 34876  
Ion Ratio Lower Upper  
94 100  
96 91.3 73.0 109.6



#6  
Chloroethane  
Concen: 5.11 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 64 Resp: 51091  
Ion Ratio Lower Upper  
64 100  
66 33.2 25.8 38.6

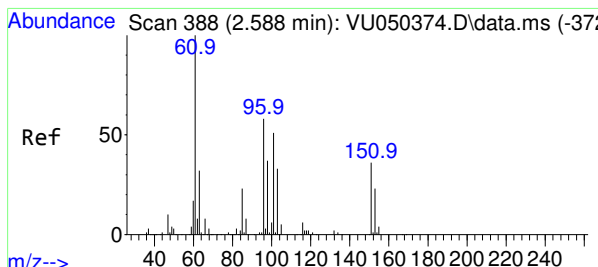
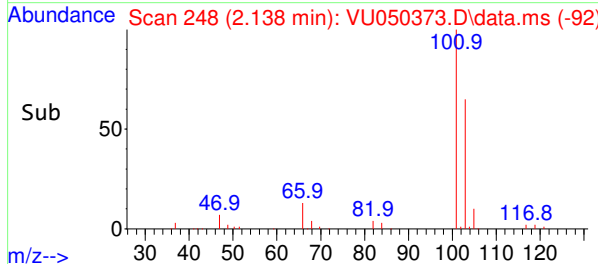
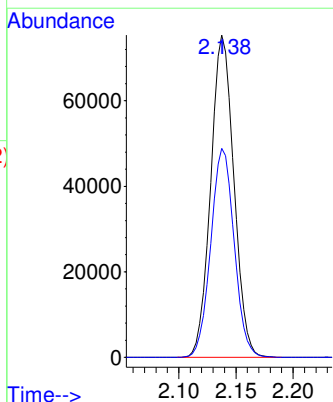
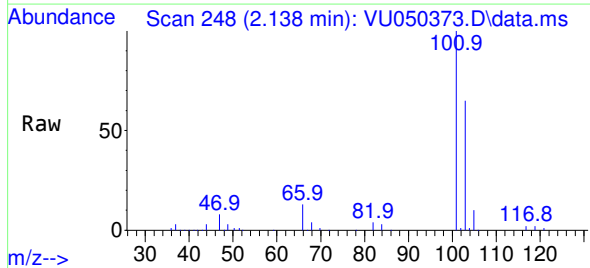




#7  
Trichlorofluoromethane  
Concen: 5.66 ug/l  
RT: 2.138 min Scan# 2  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

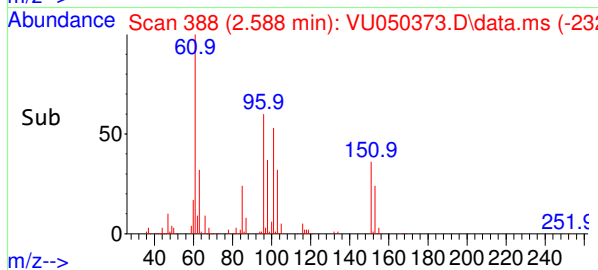
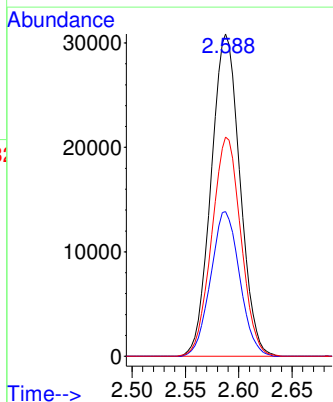
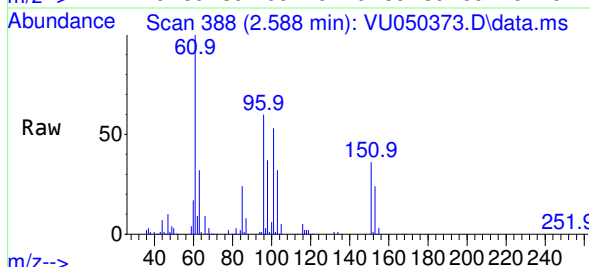
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

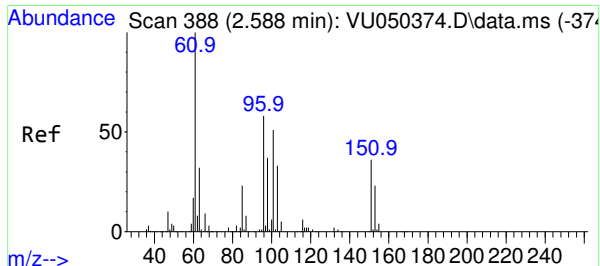
Tgt Ion:101 Resp: 106524  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.8 77.6



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.69 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:101 Resp: 58014  
Ion Ratio Lower Upper  
101 100  
85 45.2 36.4 54.6  
151 68.9 59.1 88.7

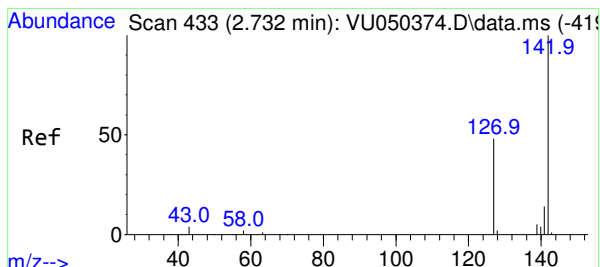
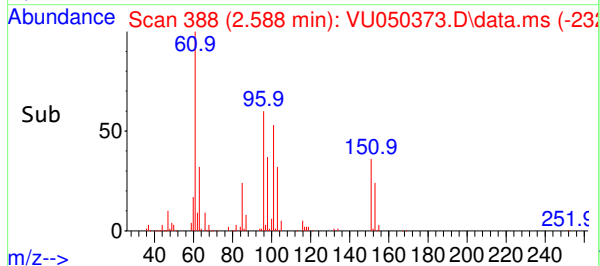
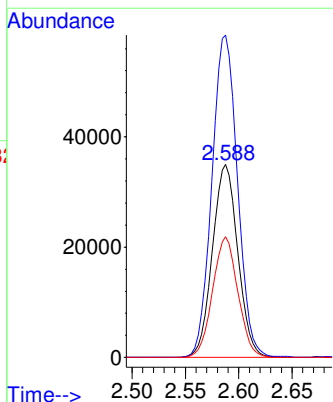
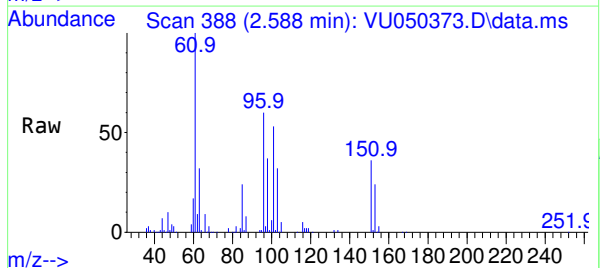




#9  
1,1-Dichloroethene  
Concen: 5.42 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

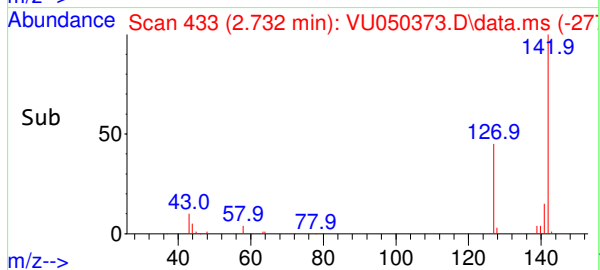
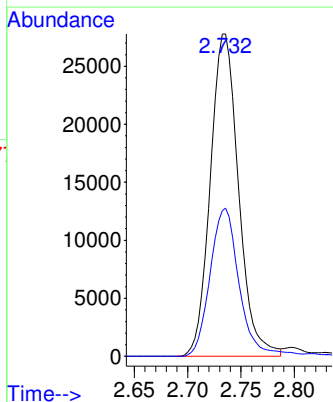
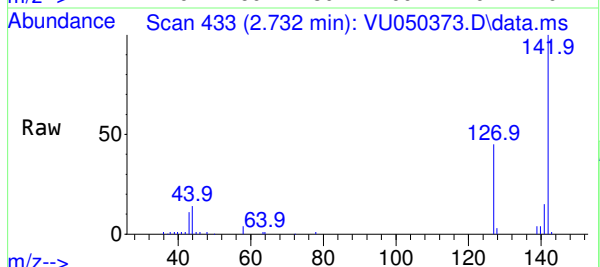
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

Tgt Ion: 96 Resp: 57970  
Ion Ratio Lower Upper  
96 100  
61 167.0 0.0 510.6  
98 62.6 0.0 124.6

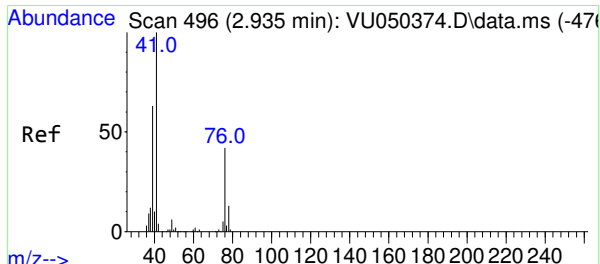


#10  
Iodomethane  
Concen: 4.96 ug/l  
RT: 2.732 min Scan# 433  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 142 Resp: 51168  
Ion Ratio Lower Upper  
142 100  
127 47.3 38.2 57.2



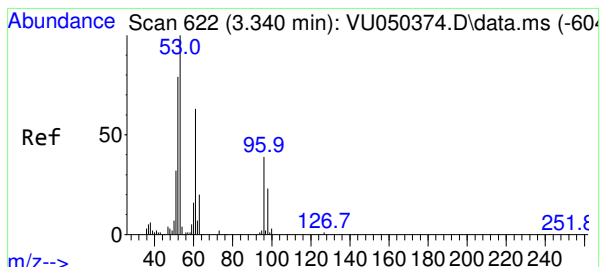
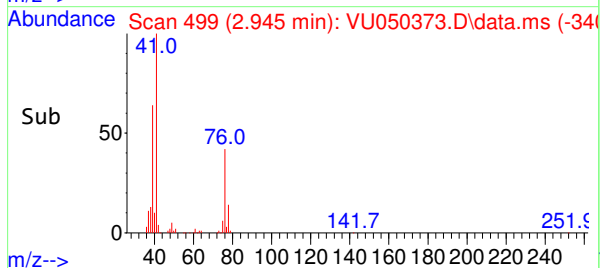
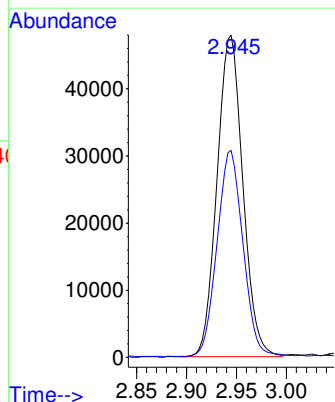
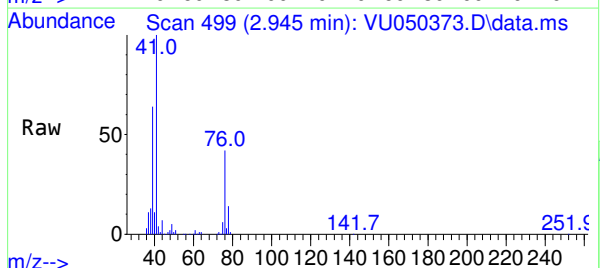




#11  
 Allyl Chloride  
 Concen: 4.93 ug/l  
 RT: 2.945 min Scan# 41  
 Delta R.T. 0.010 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

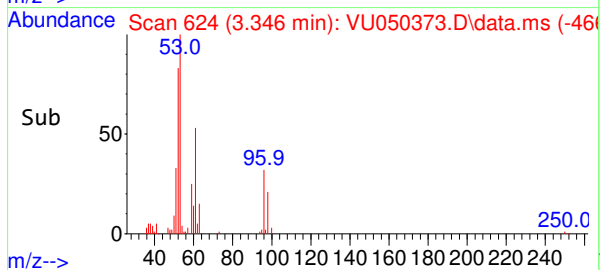
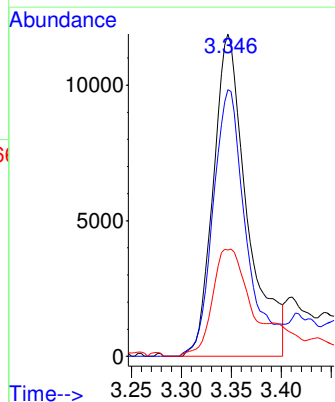
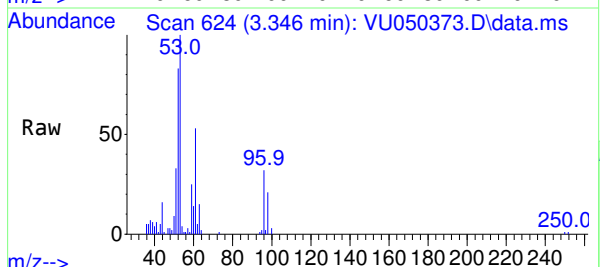
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

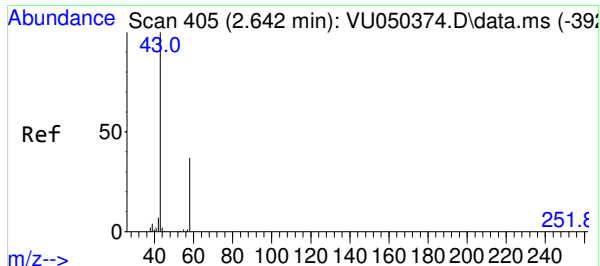
Tgt Ion: 41 Resp: 86353  
 Ion Ratio Lower Upper  
 41 100  
 39 64.1 53.2 79.8



#12  
 Acrylonitrile  
 Concen: 7.97 ug/l  
 RT: 3.346 min Scan# 624  
 Delta R.T. 0.006 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

Tgt Ion: 53 Resp: 27971  
 Ion Ratio Lower Upper  
 53 100  
 52 79.6 64.6 97.0  
 51 35.7 30.7 46.1

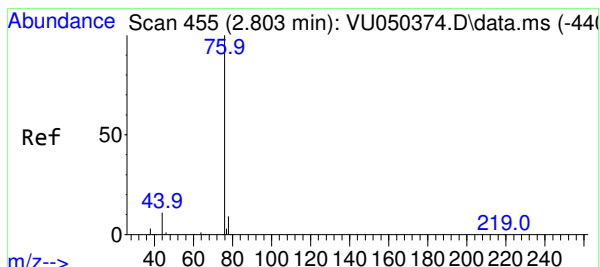
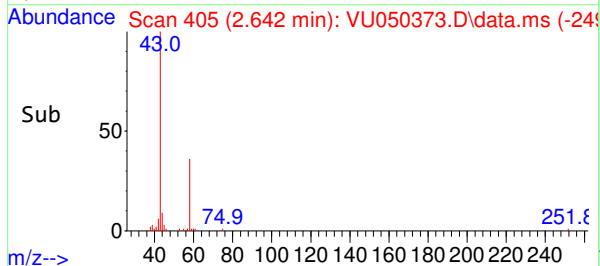
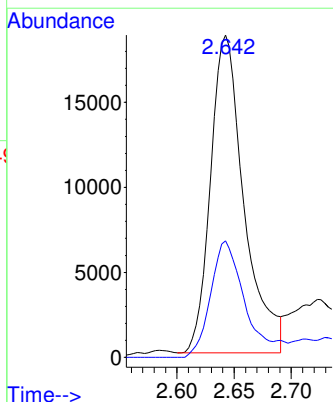
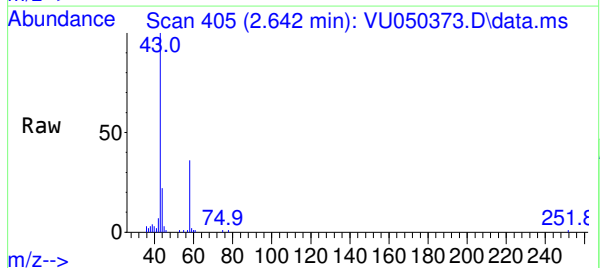




#13  
Acetone  
Concen: 15.30 ug/l  
RT: 2.642 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

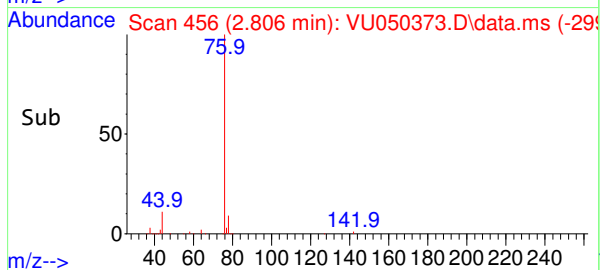
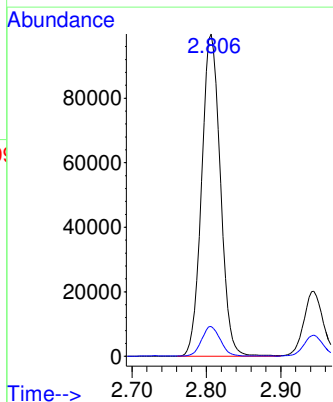
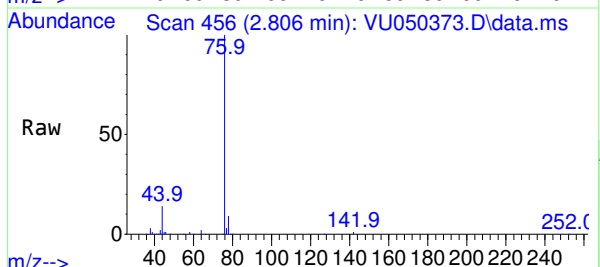
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

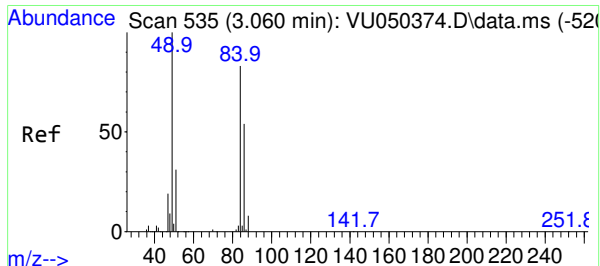
Tgt Ion: 43 Resp: 38219  
Ion Ratio Lower Upper  
43 100  
58 36.6 26.2 39.2



#14  
Carbon Disulfide  
Concen: 4.84 ug/l  
RT: 2.806 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 76 Resp: 175461  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0

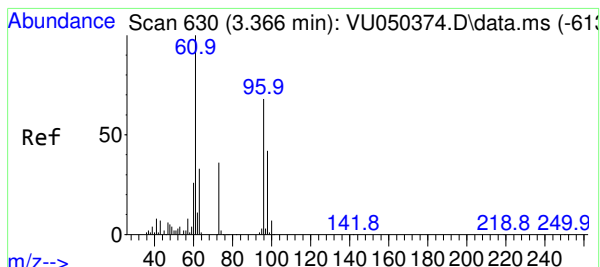
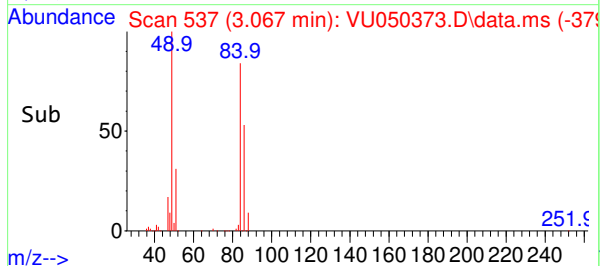
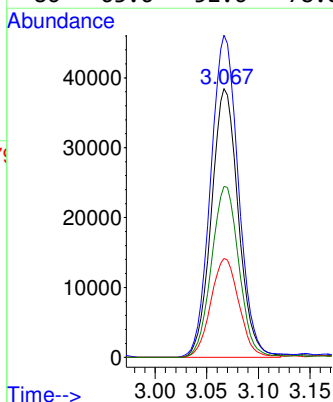
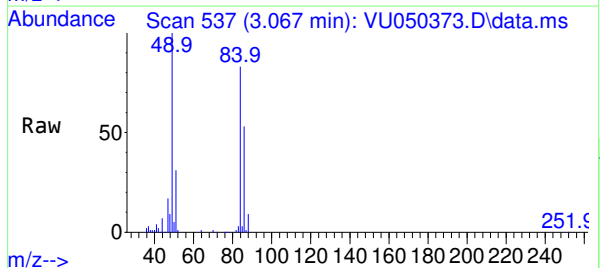




#15  
Methylene Chloride  
Concen: 4.75 ug/l  
RT: 3.067 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

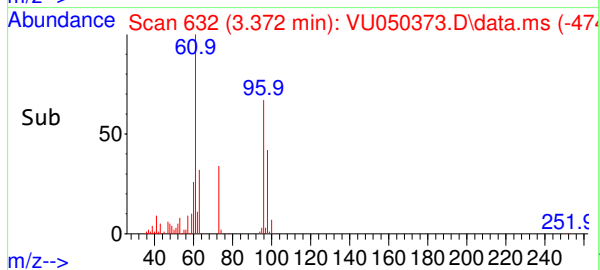
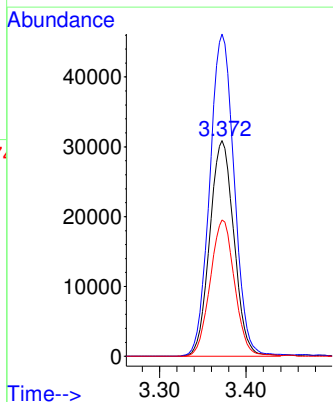
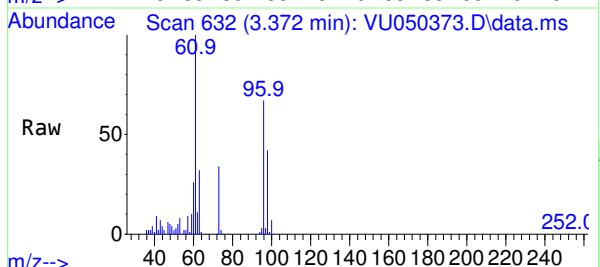
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

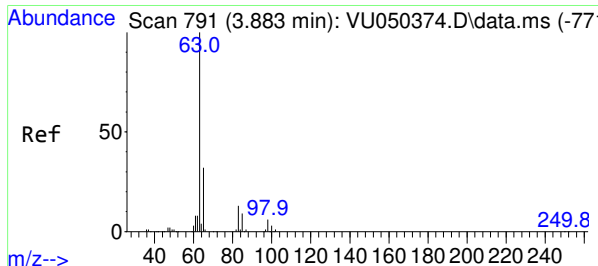
Tgt Ion: 84 Resp: 69866  
Ion Ratio Lower Upper  
84 100  
49 119.9 104.6 157.0  
51 36.8 0.0 81.4  
86 63.6 52.6 78.8



#16  
trans-1,2-Dichloroethene  
Concen: 5.17 ug/l  
RT: 3.372 min Scan# 632  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 96 Resp: 60235  
Ion Ratio Lower Upper  
96 100  
61 149.5 123.4 185.0  
98 63.3 51.6 77.4

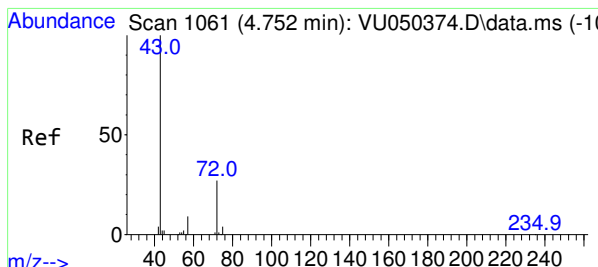
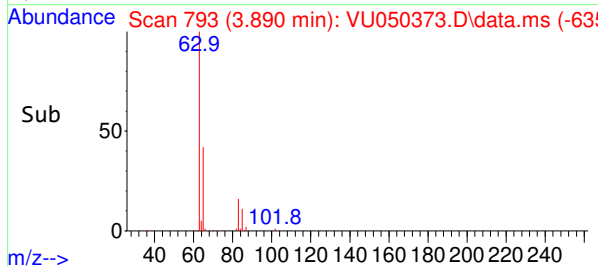
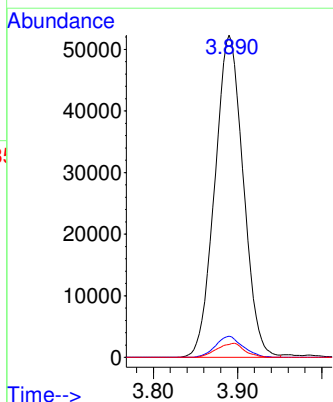
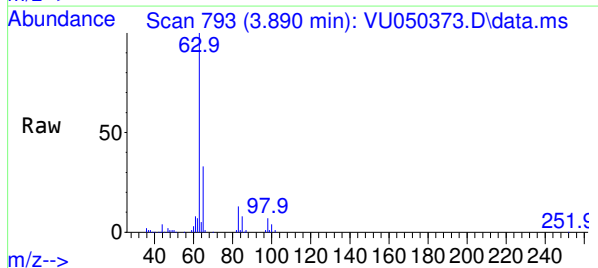




#17  
1,1-Dichloroethane  
Concen: 5.20 ug/l  
RT: 3.890 min Scan# 7  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

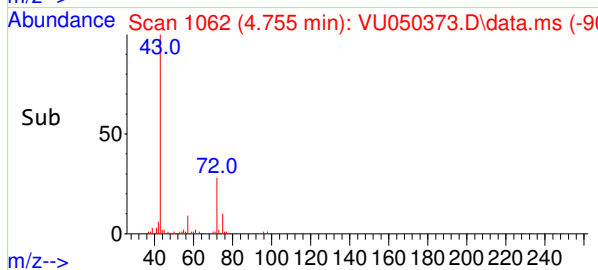
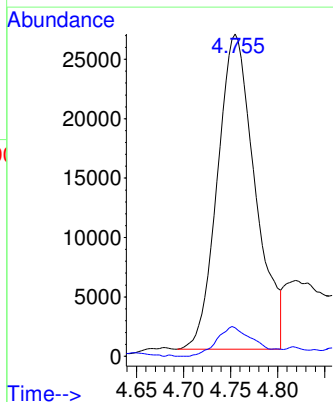
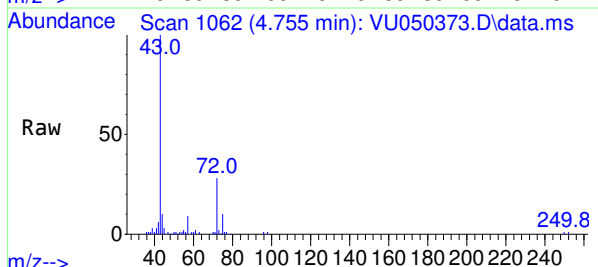
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

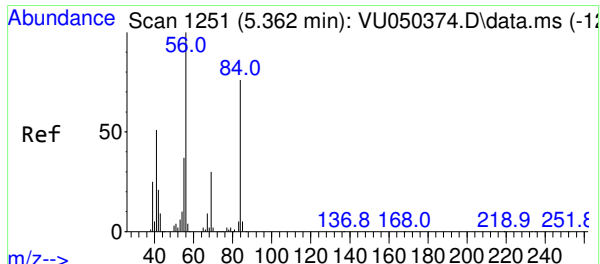
Tgt Ion: 63 Resp: 122648  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.4 10.2  
100 4.0 2.0 6.0



#18  
2-Butanone  
Concen: 18.93 ug/l  
RT: 4.755 min Scan# 1062  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 43 Resp: 73787  
Ion Ratio Lower Upper  
43 100  
57 9.1 0.0 18.0

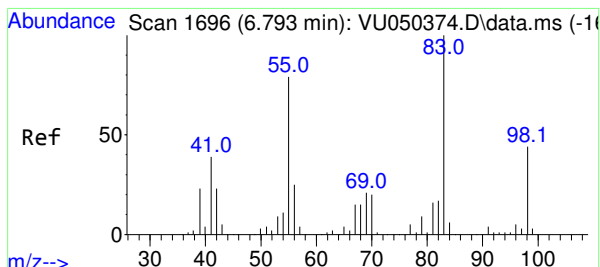
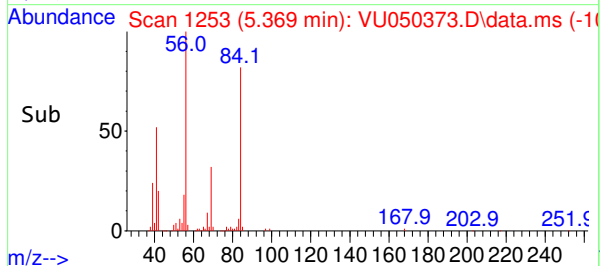
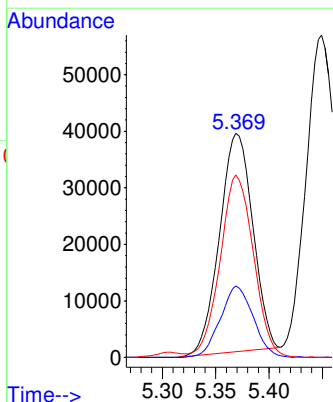
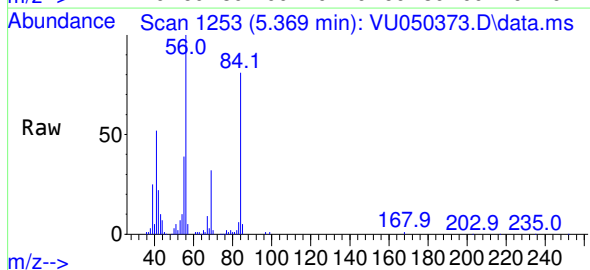




#19  
Cyclohexane  
Concen: 5.99 ug/l  
RT: 5.369 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

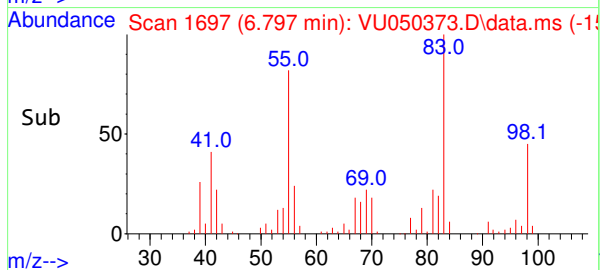
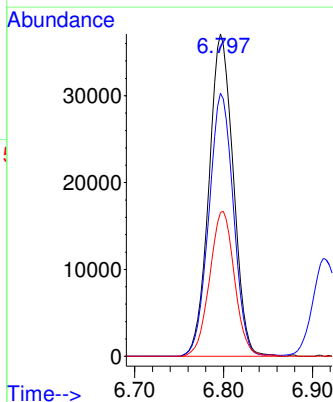
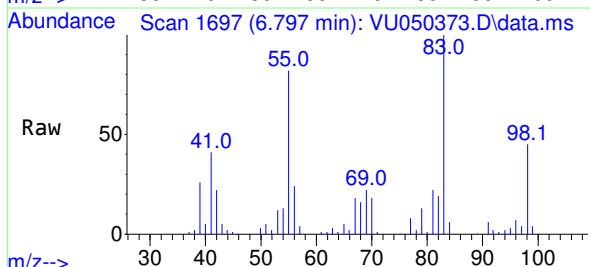
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

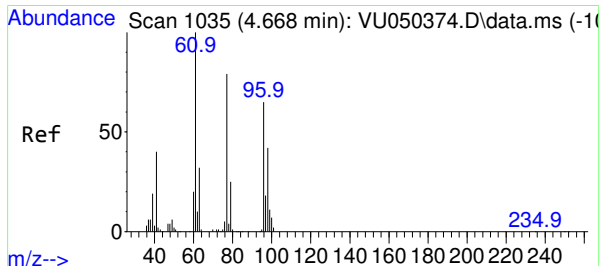
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 83862 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 32.3  | 24.2  | 36.4  |
| 84       | 81.6  | 63.4  | 95.2  |



#20  
Methylcyclohexane  
Concen: 5.26 ug/l  
RT: 6.797 min Scan# 1697  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 70561 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 81.7  | 63.0  | 94.4  |
| 98       | 45.4  | 35.7  | 53.5  |

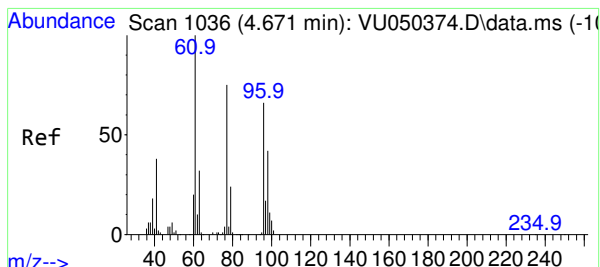
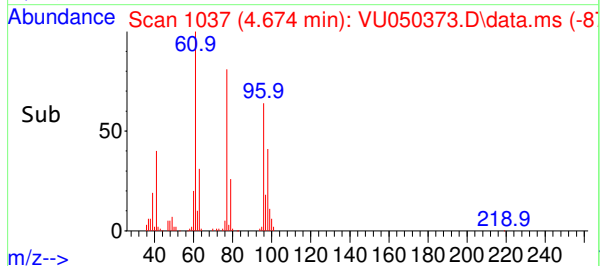
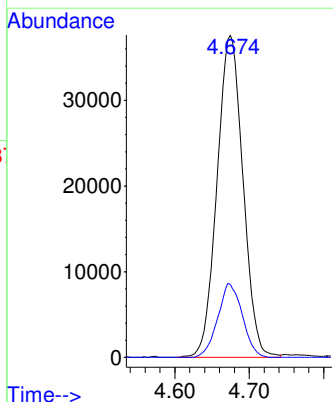
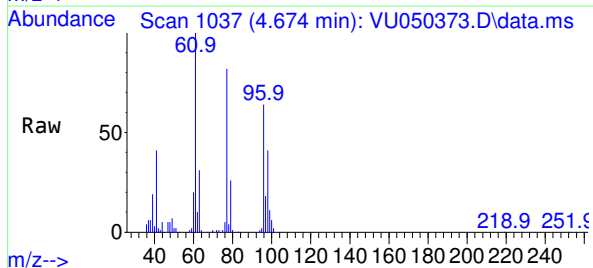




#21  
2,2-Dichloropropane  
Concen: 5.19 ug/l  
RT: 4.674 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

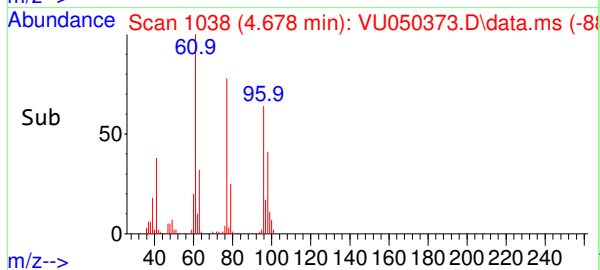
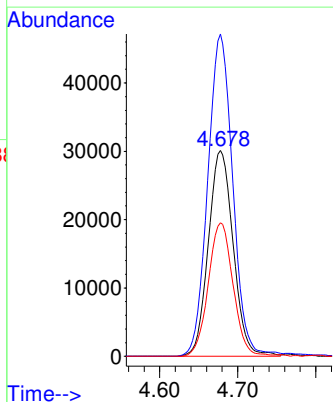
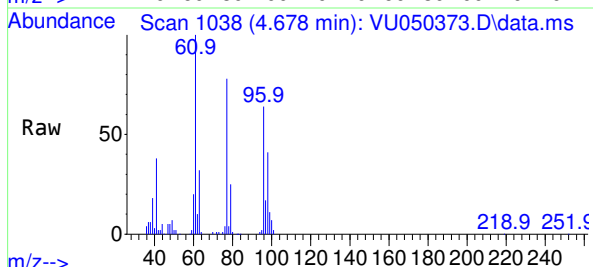
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

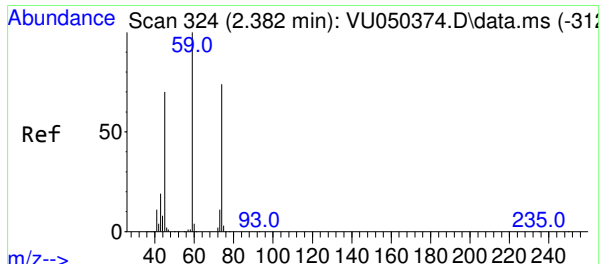
Tgt Ion: 77 Resp: 90801  
Ion Ratio Lower Upper  
77 100  
97 21.8 18.5 27.7



#22  
cis-1,2-Dichloroethene  
Concen: 5.23 ug/l  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 96 Resp: 66799  
Ion Ratio Lower Upper  
96 100  
61 157.1 0.0 375.8  
98 64.5 31.6 95.0

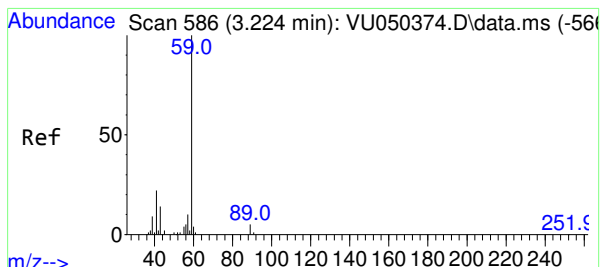
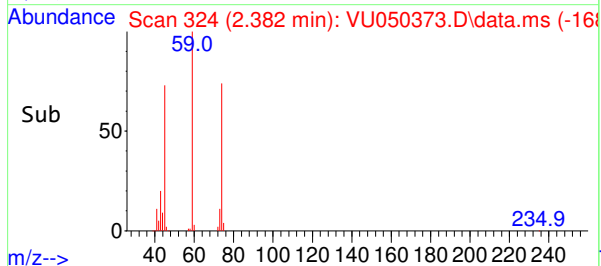
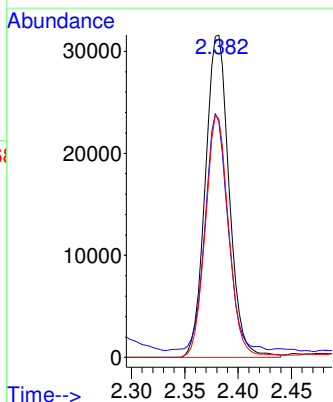
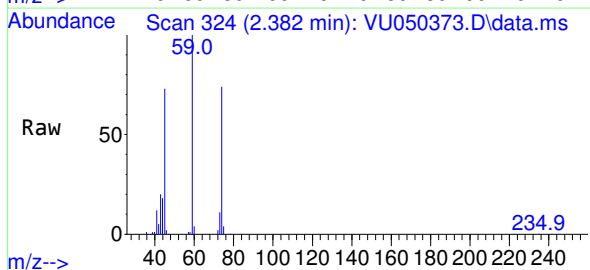




#23  
Diethyl Ether  
Concen: 5.09 ug/l  
RT: 2.382 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

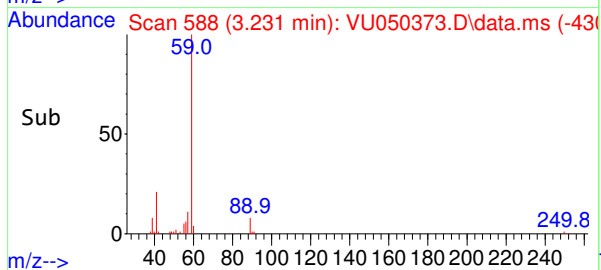
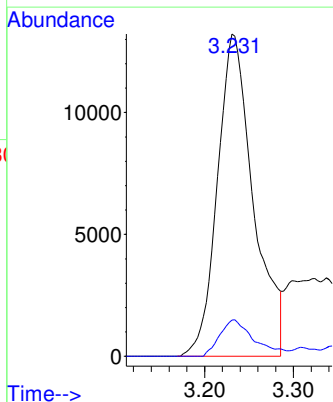
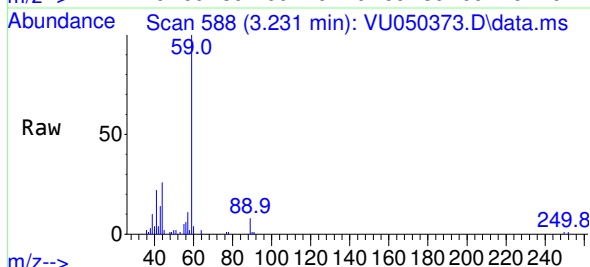
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

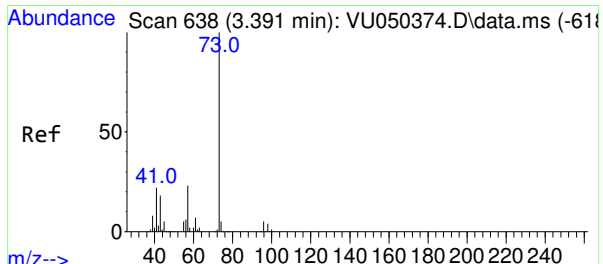
Tgt Ion: 59 Resp: 49075  
Ion Ratio Lower Upper  
59 100  
45 70.7 56.0 84.0  
74 73.9 57.6 86.4



#24  
tert-Butyl Alcohol  
Concen: 27.24 ug/l  
RT: 3.231 min Scan# 588  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 59 Resp: 37168  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.2 12.2

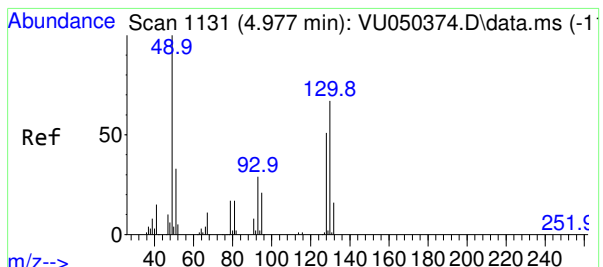
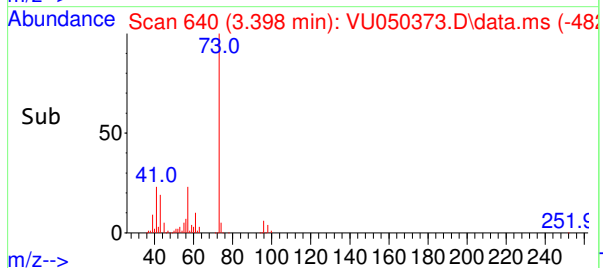
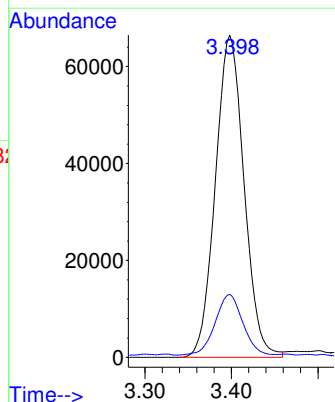
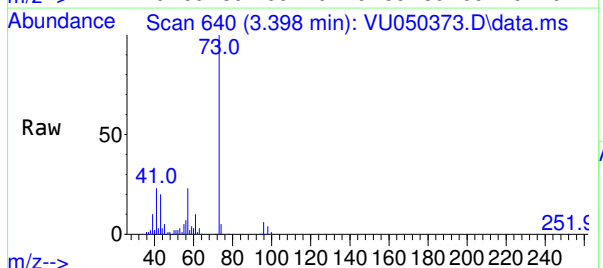




#25  
Methyl tert-Butyl Ether  
Concen: 5.06 ug/l  
RT: 3.398 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

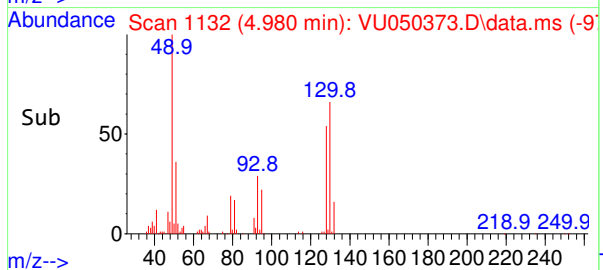
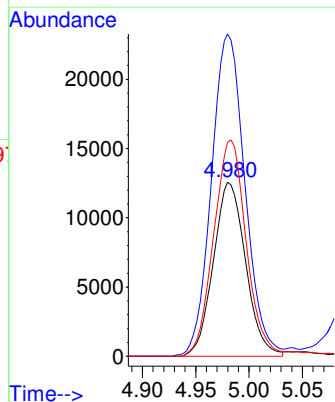
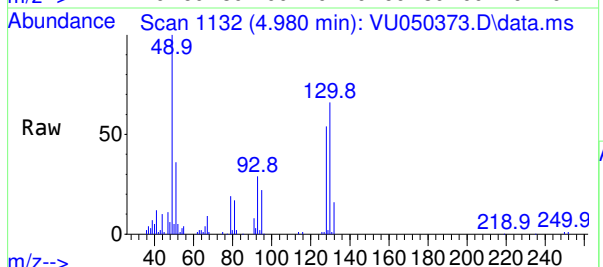
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

Tgt Ion: 73 Resp: 153079  
Ion Ratio Lower Upper  
73 100  
43 18.0 15.9 23.9

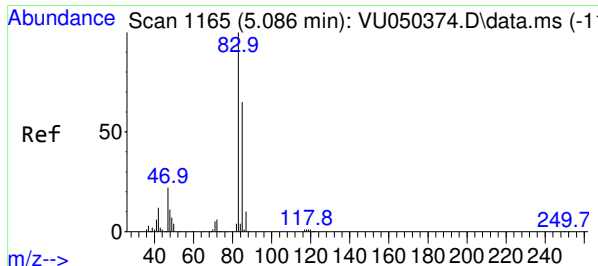


#26  
Bromochloromethane  
Concen: 4.63 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 128 Resp: 26417  
Ion Ratio Lower Upper  
128 100  
49 192.1 0.0 349.2  
130 127.0 103.0 154.6



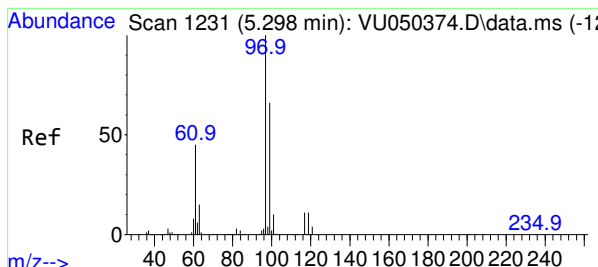
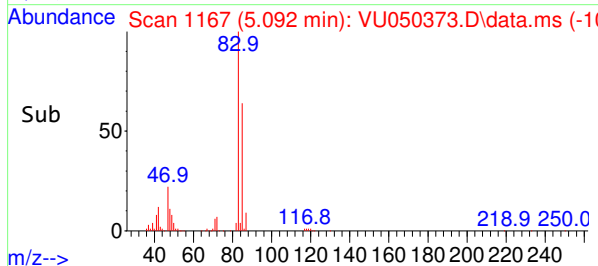
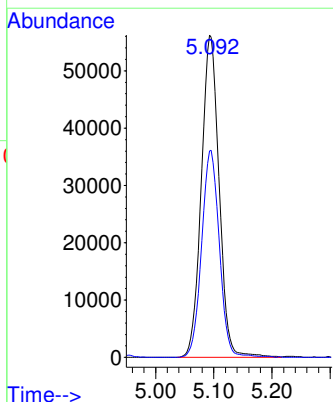
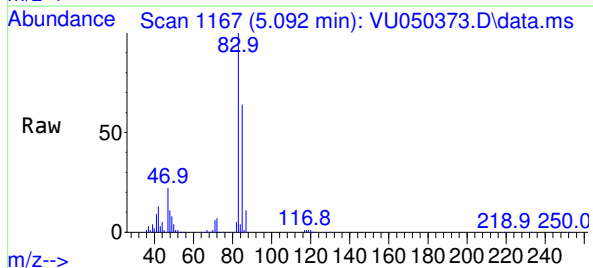




#27  
Chloroform  
Concen: 5.36 ug/l  
RT: 5.092 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

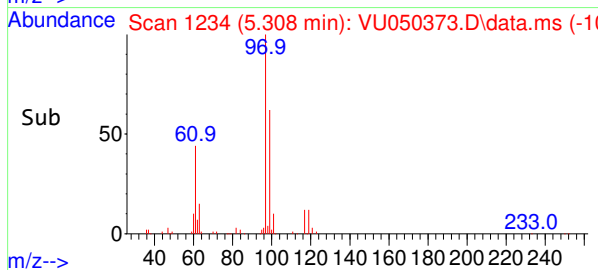
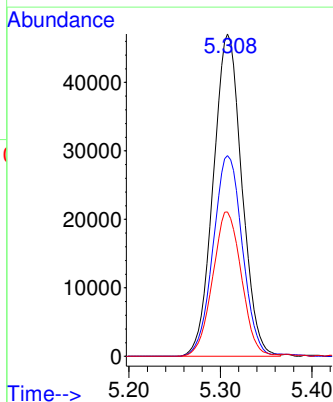
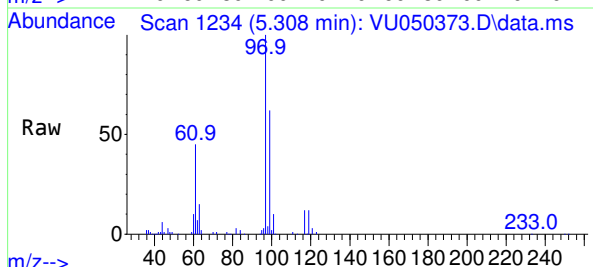
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ClientSampleId :  
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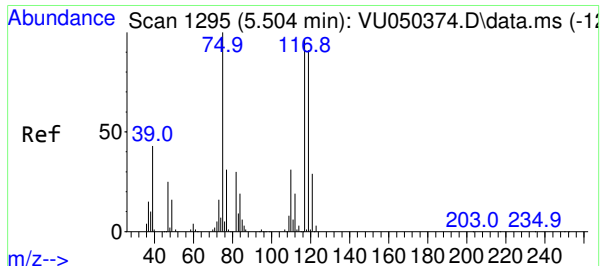
Tgt Ion: 83 Resp: 119539  
Ion Ratio Lower Upper  
83 100  
85 64.1 0.0 133.6



#28  
1,1,1-Trichloroethane  
Concen: 5.72 ug/l  
RT: 5.308 min Scan# 1234  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 97 Resp: 102024  
Ion Ratio Lower Upper  
97 100  
99 63.8 32.1 96.5  
61 45.1 21.8 65.4

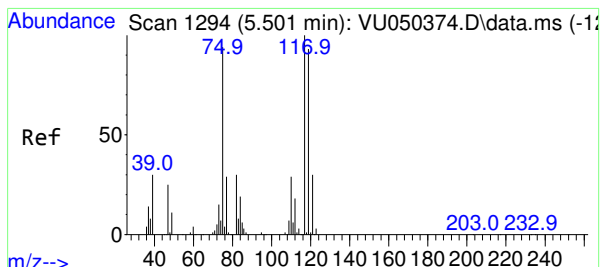
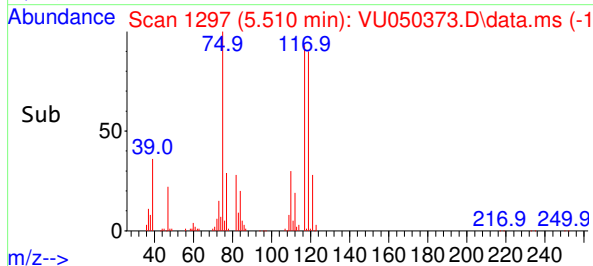
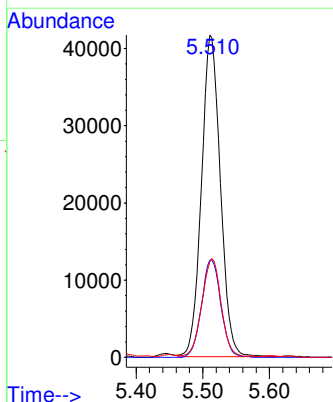
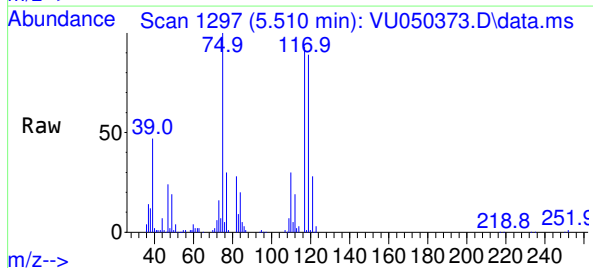




#29  
1,1-Dichloropropene  
Concen: 5.94 ug/l  
RT: 5.510 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

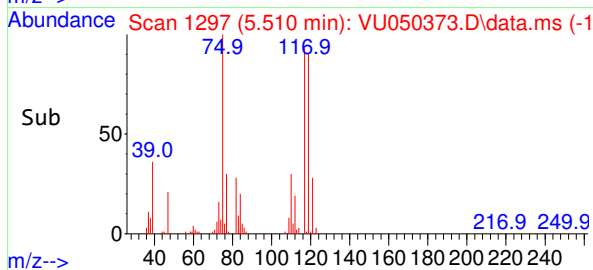
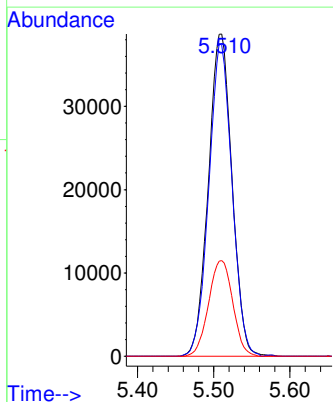
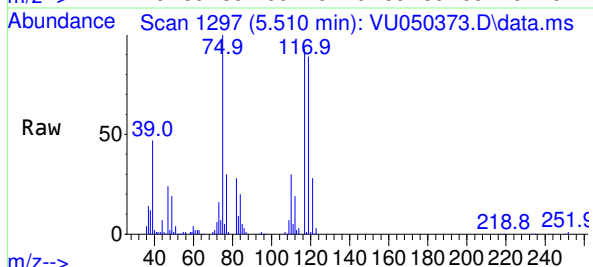
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

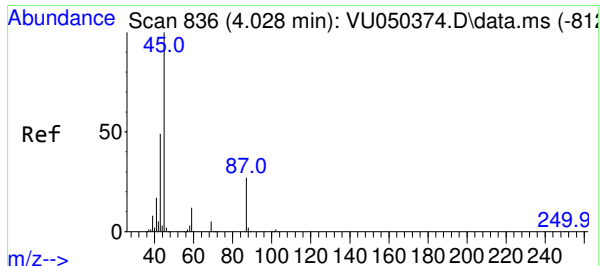
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 81904 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.2  | 17.3  | 52.0  |
| 77       | 30.5  | 24.6  | 37.0  |



#30  
Carbon Tetrachloride  
Concen: 5.75 ug/l  
RT: 5.510 min Scan# 1297  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 83297 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.5  | 74.6  | 112.0 |
| 121      | 29.7  | 24.2  | 36.4  |

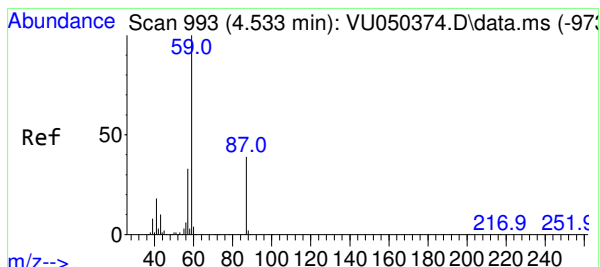
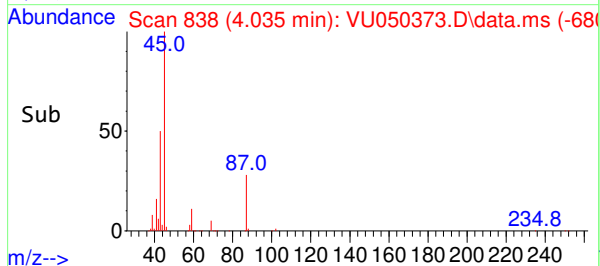
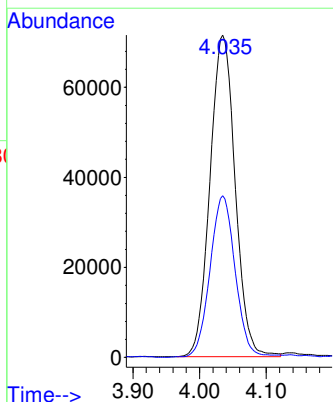
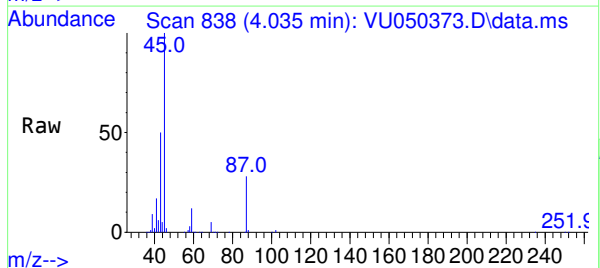




#31  
Isopropyl Ether  
Concen: 5.18 ug/l  
RT: 4.035 min Scan# 836  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

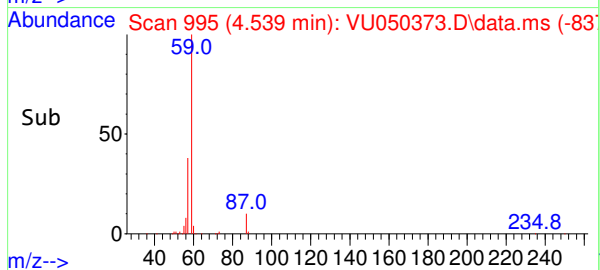
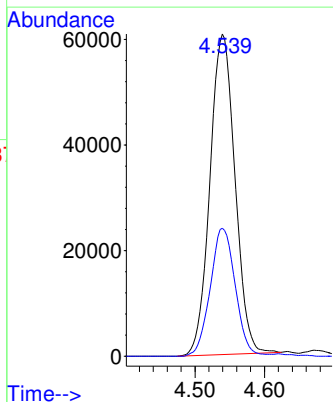
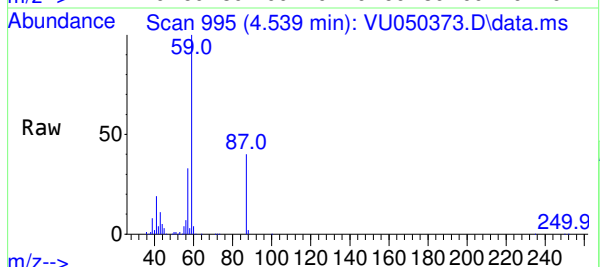
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

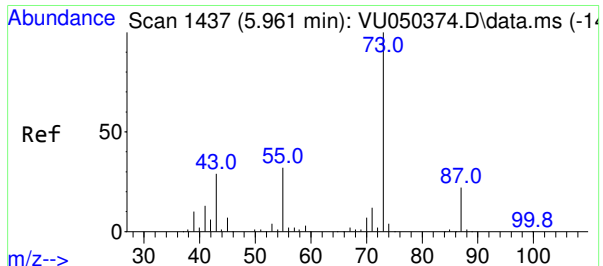
Tgt Ion: 45 Resp: 187671  
Ion Ratio Lower Upper  
45 100  
43 50.3 23.8 71.2



#32  
Ethyl-t-butyl ether  
Concen: 5.22 ug/l  
RT: 4.539 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 59 Resp: 151582  
Ion Ratio Lower Upper  
59 100  
87 39.1 32.5 48.7

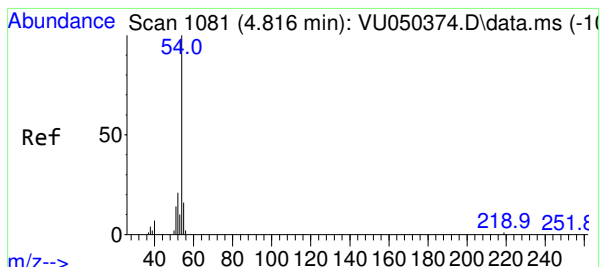
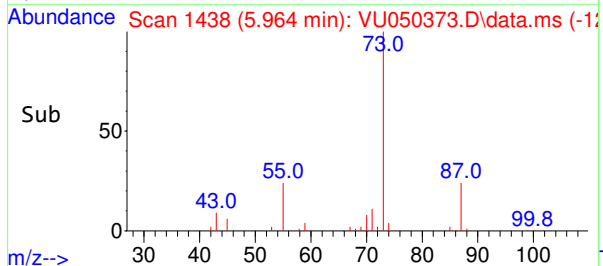
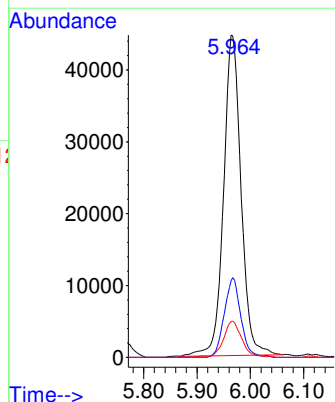
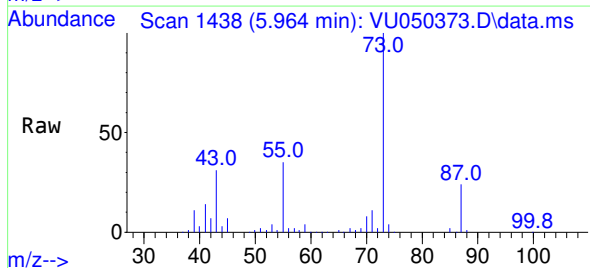




#33  
Tert-Amyl methyl ether  
Concen: 5.27 ug/l  
RT: 5.964 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

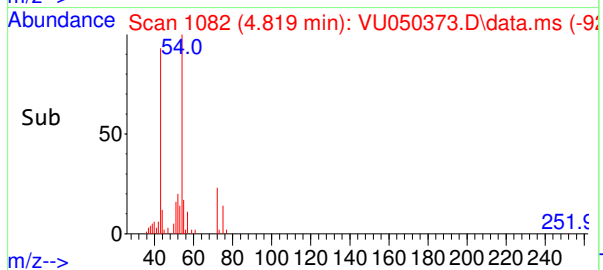
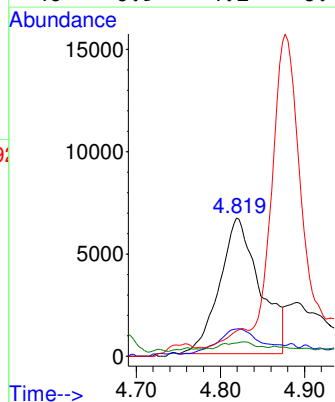
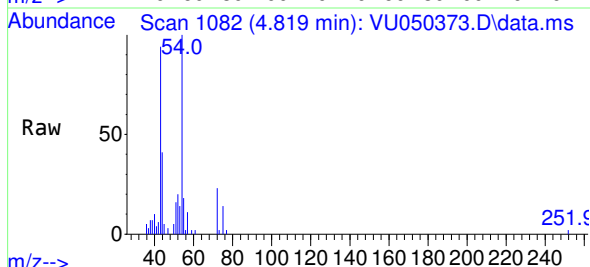
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

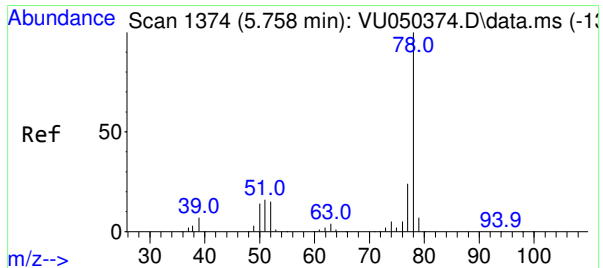
Tgt Ion: 73 Resp: 101588  
Ion Ratio Lower Upper  
73 100  
87 22.9 19.7 29.5  
71 10.8 9.0 13.4



#34  
Propionitrile  
Concen: 16.74 ug/l  
RT: 4.819 min Scan# 1082  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 54 Resp: 22034  
Ion Ratio Lower Upper  
54 100  
52 20.3 15.0 22.6  
55 6.7 12.6 19.0#  
40 0.9 4.2 6.4#

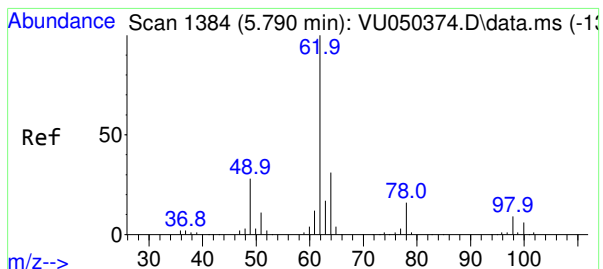
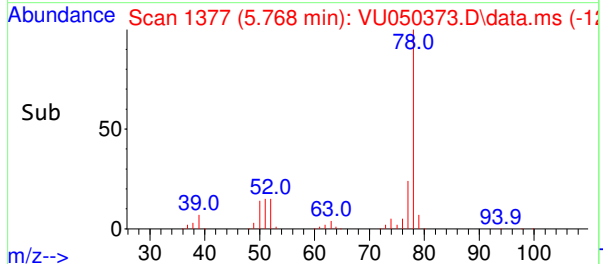
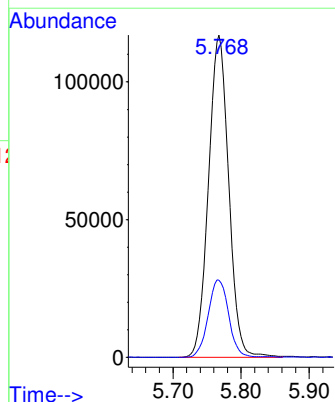
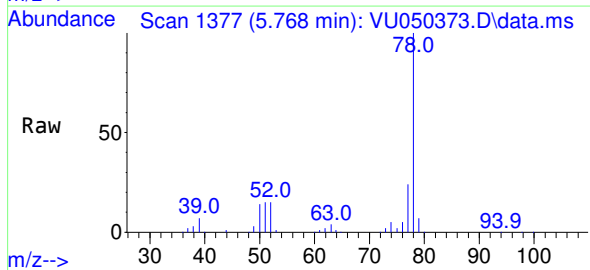




#35  
Benzene  
Concen: 5.28 ug/l  
RT: 5.768 min Scan# 1  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

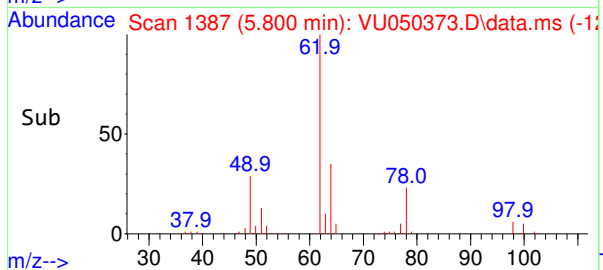
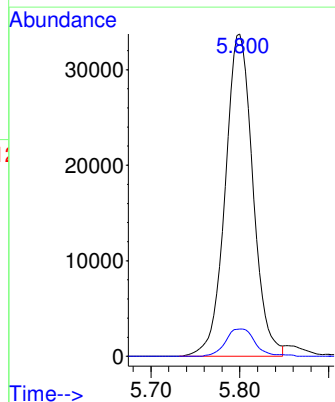
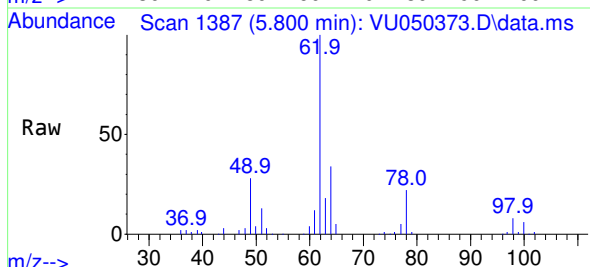
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

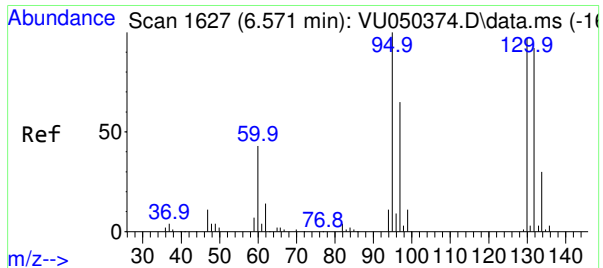
Tgt Ion: 78 Resp: 241445  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.6 28.0



#36  
1,2-Dichloroethane  
Concen: 5.10 ug/l  
RT: 5.800 min Scan# 1387  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 62 Resp: 72940  
Ion Ratio Lower Upper  
62 100  
98 9.2 7.4 11.0

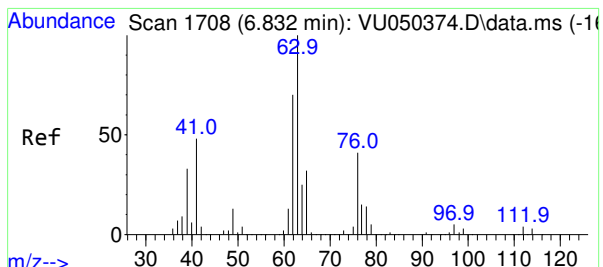
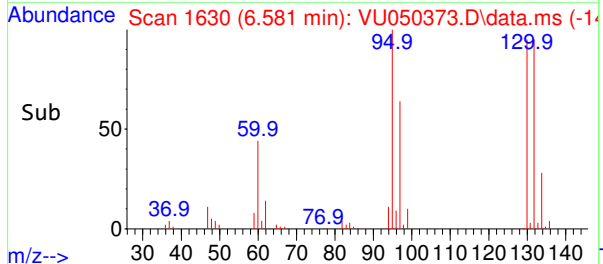
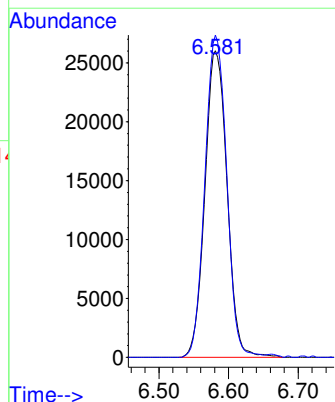
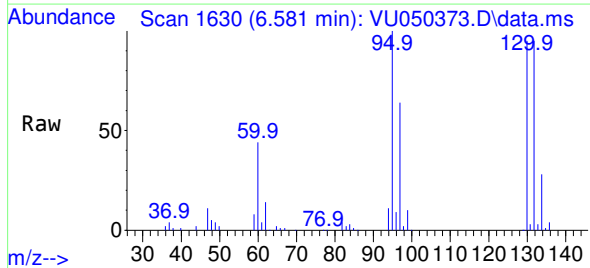




#37  
Trichloroethene  
Concen: 5.19 ug/l  
RT: 6.581 min Scan# 1  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

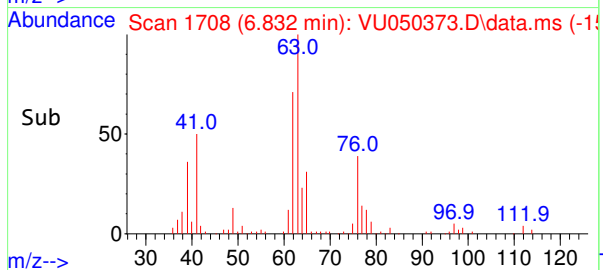
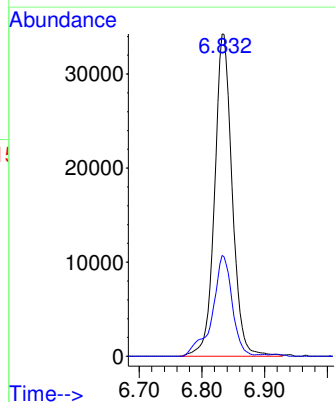
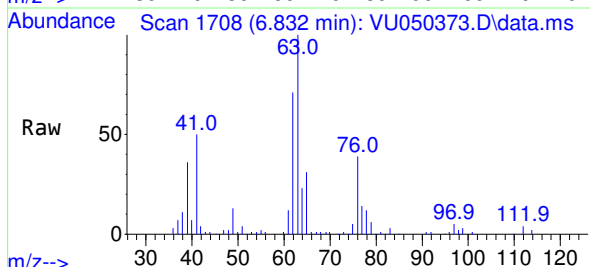
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ClientSampleId :  
VSTDIC005

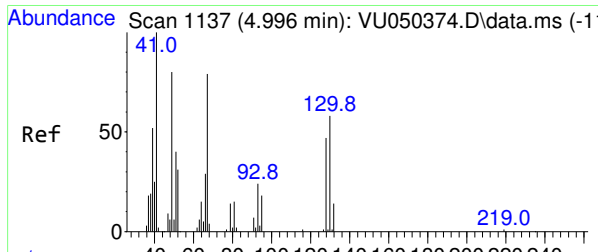
Tgt Ion:130 Resp: 57556  
Ion Ratio Lower Upper  
130 100  
95 105.2 83.8 125.8



#38  
1,2-Dichloropropane  
Concen: 5.34 ug/l  
RT: 6.832 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 63 Resp: 66750  
Ion Ratio Lower Upper  
63 100  
65 31.2 25.0 37.4

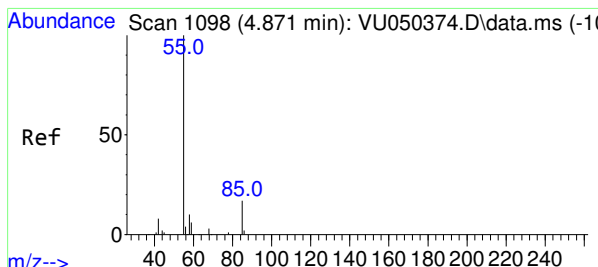
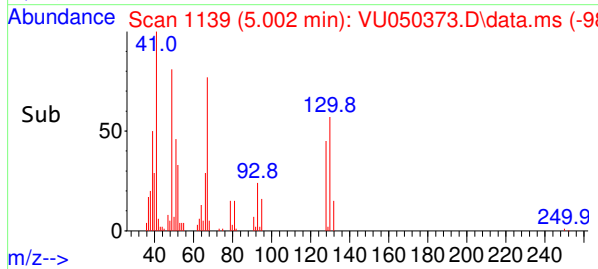
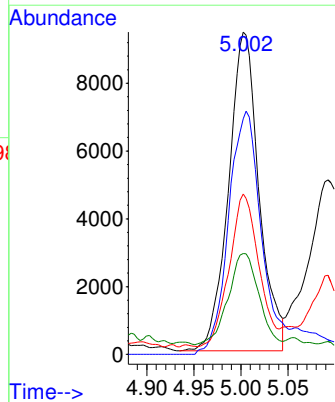
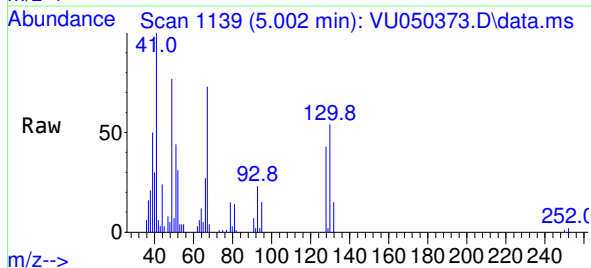




#39  
Methacrylonitrile  
Concen: 4.97 ug/l  
RT: 5.002 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

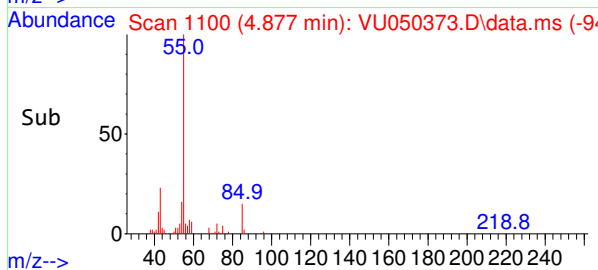
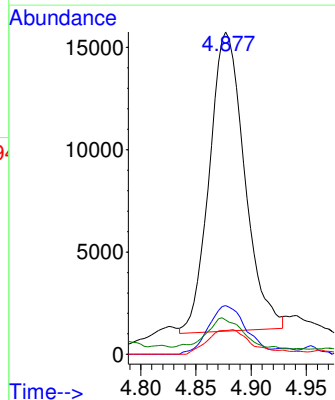
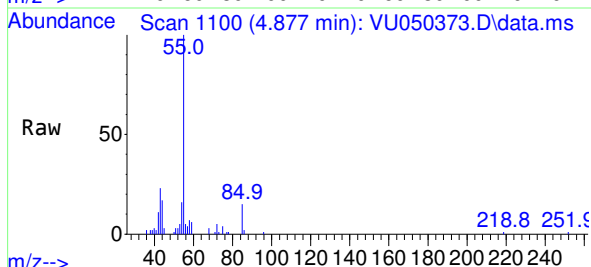
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

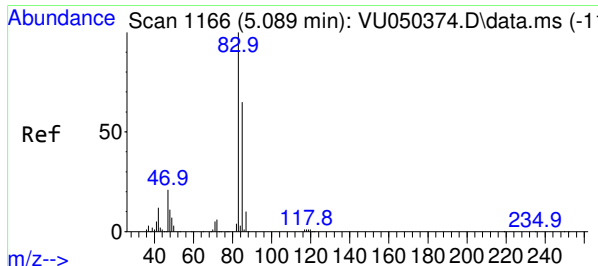
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21172 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 67       | 82.3  | 59.4  | 89.0  |
| 39       | 46.6  | 42.2  | 63.2  |
| 52       | 27.8  | 23.7  | 35.5  |



#40  
Methyl acrylate  
Concen: 4.33 ug/l  
RT: 4.877 min Scan# 1100  
Delta R.T. 0.006 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 55    | Resp: | 32317 |
| Ion      | Ratio | Lower | Upper |
| 55       | 100   |       |       |
| 85       | 17.5  | 13.5  | 20.3  |
| 58       | 10.7  | 7.0   | 10.4# |
| 42       | 9.4   | 7.0   | 10.6  |

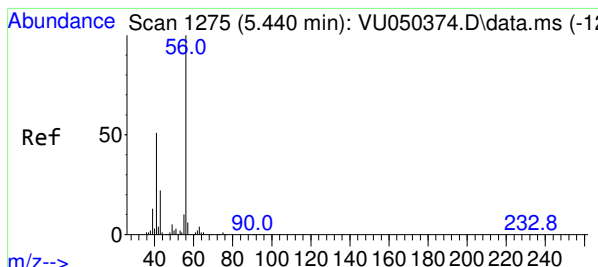
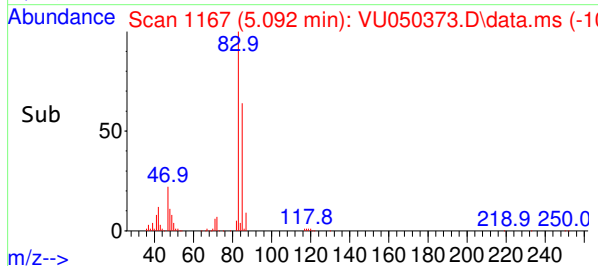
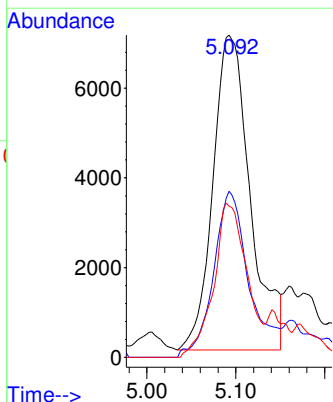
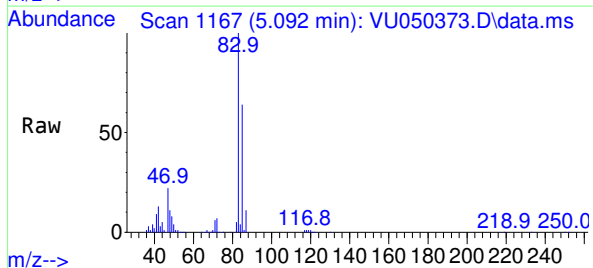




#41  
Tetrahydrofuran  
Concen: 8.82 ug/l  
RT: 5.092 min Scan# 1167  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

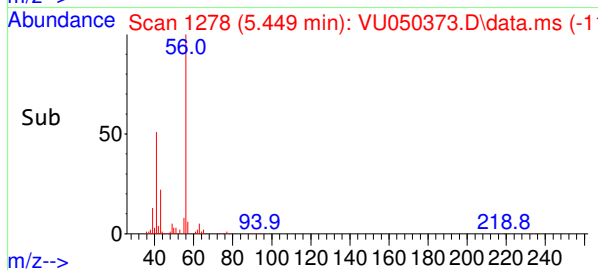
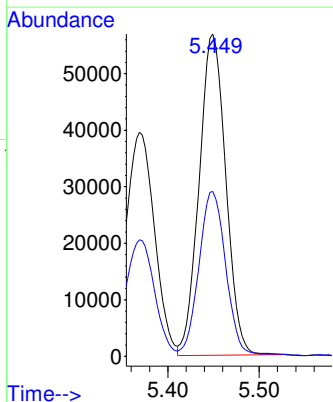
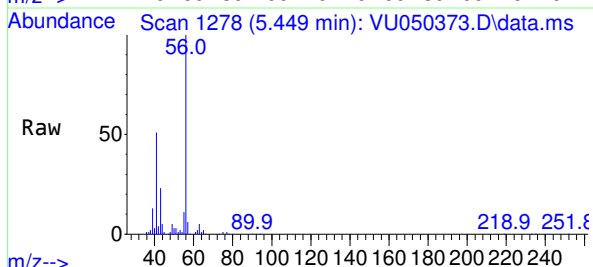
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

Tgt Ion: 42 Resp: 20409  
Ion Ratio Lower Upper  
42 100  
72 50.3 38.9 58.3  
71 43.3 33.7 50.5

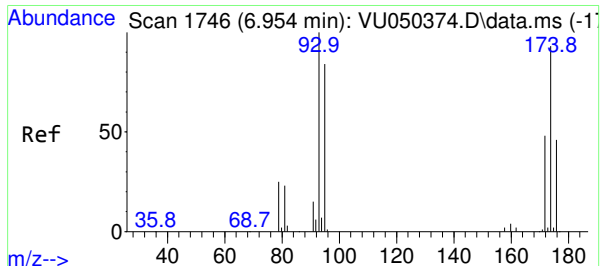


#42  
1-Chlorobutane  
Concen: 5.85 ug/l  
RT: 5.449 min Scan# 1278  
Delta R.T. 0.010 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 56 Resp: 114997  
Ion Ratio Lower Upper  
56 100  
41 50.2 26.4 79.2



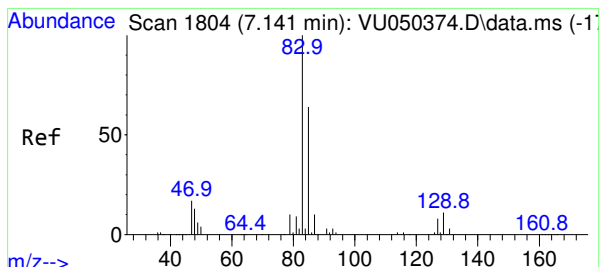
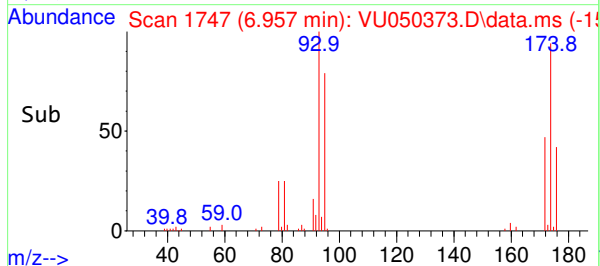
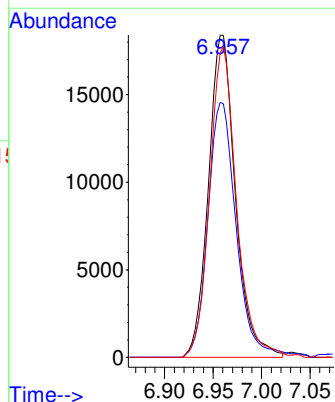
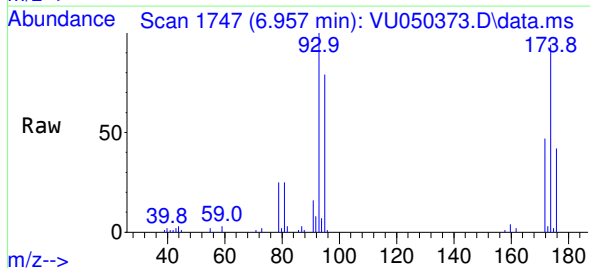




#43  
Dibromomethane  
Concen: 5.18 ug/l  
RT: 6.957 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

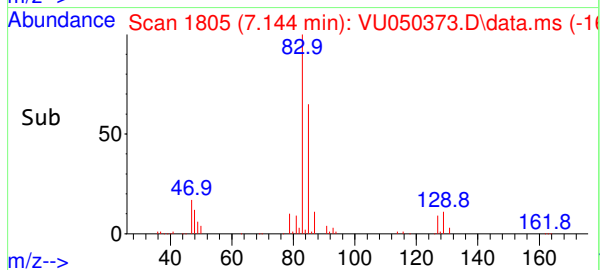
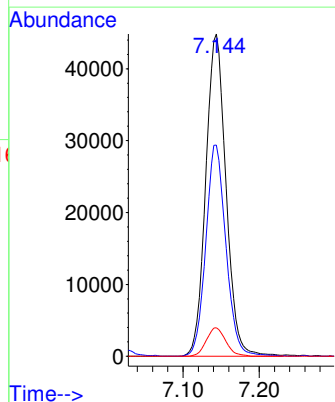
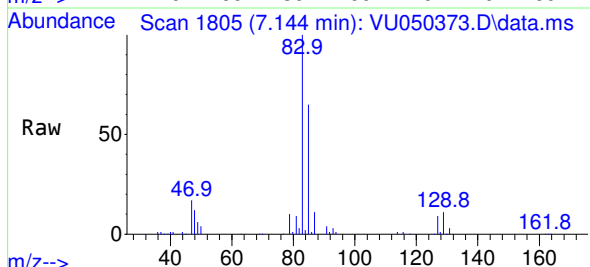
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

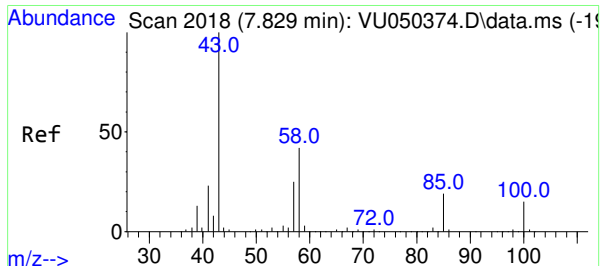
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 35708 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 83.2  | 65.0  | 97.6  |
| 174      | 95.6  | 76.3  | 114.5 |



#44  
Bromodichloromethane  
Concen: 5.16 ug/l  
RT: 7.144 min Scan# 1805  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 82830 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 49.4  | 74.0  |
| 127      | 8.9   | 6.6   | 10.0  |

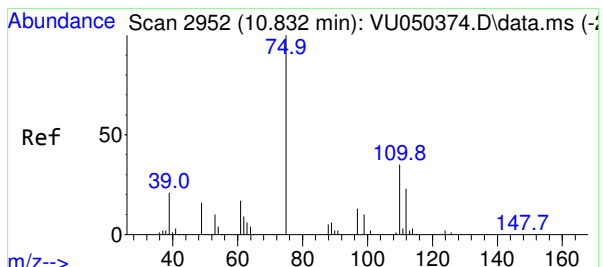
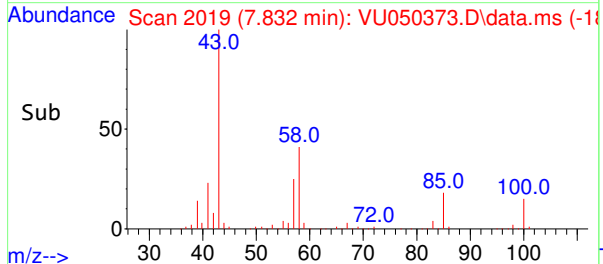
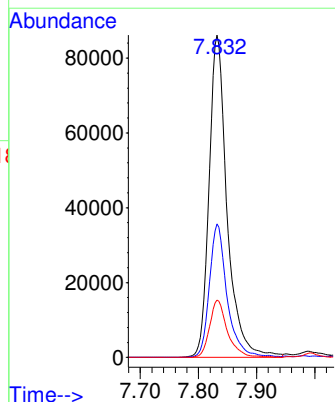
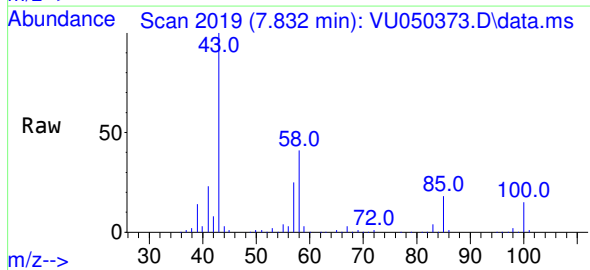




#45  
4-Methyl-2-Pentanone  
Concen: 25.19 ug/l  
RT: 7.832 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

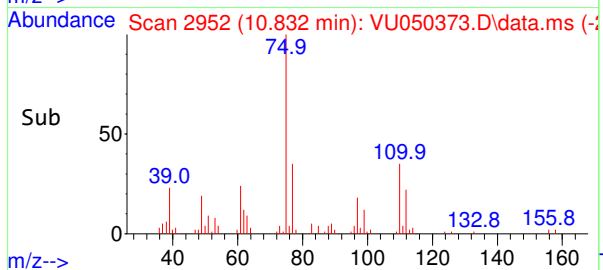
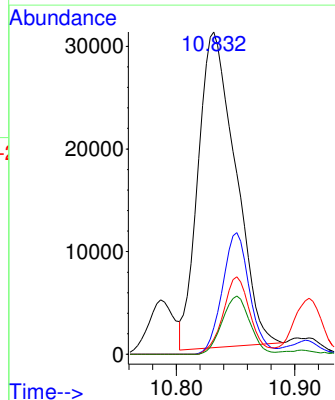
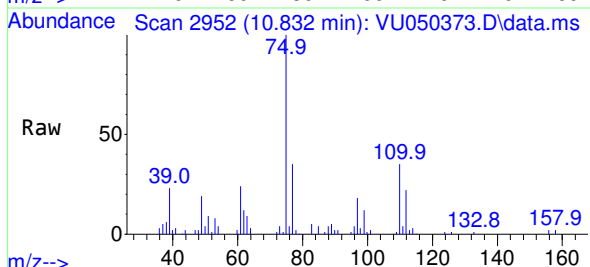
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

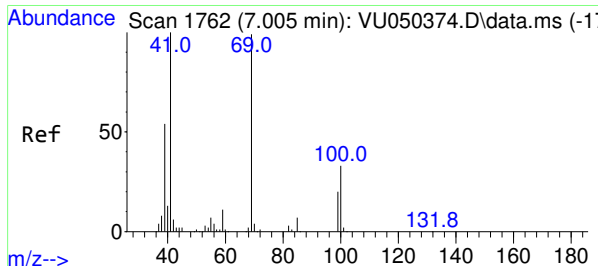
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 185493 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 40.5  | 20.3  | 61.0   |
| 85       | 17.6  | 14.6  | 21.8   |



#46  
t-1,4-Dichloro-2-butene  
Concen: 26.15 ug/l  
RT: 10.832 min Scan# 2952  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 67285 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 28.1  | 64.4  | 96.6# |
| 89       | 17.7  | 44.2  | 66.2# |
| 88       | 13.7  | 32.8  | 49.2# |

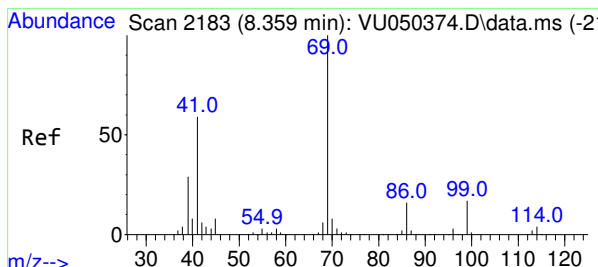
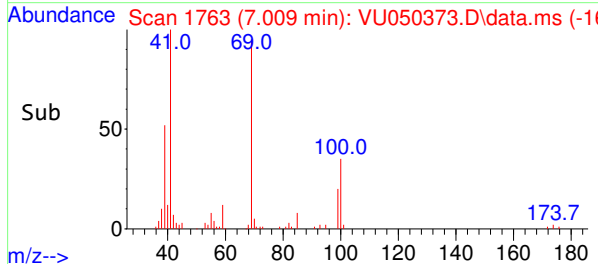
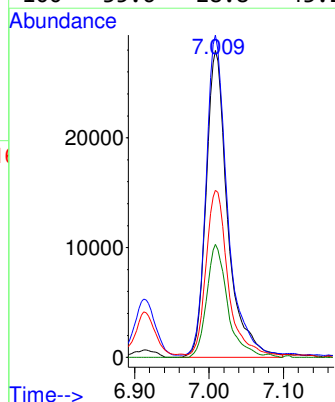
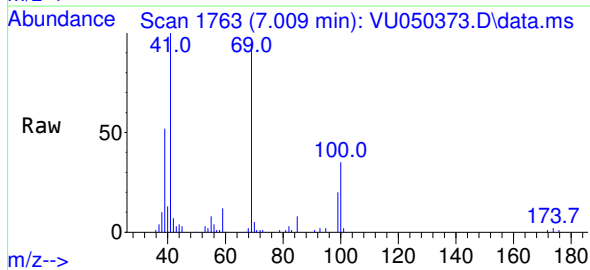




#47  
Methyl methacrylate  
Concen: 10.17 ug/l  
RT: 7.009 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

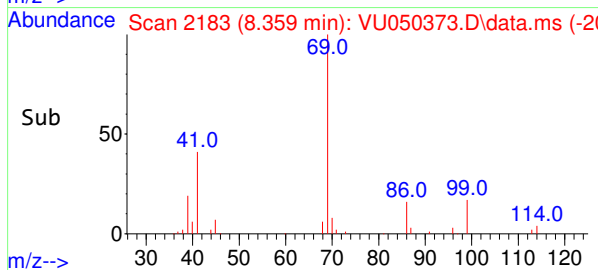
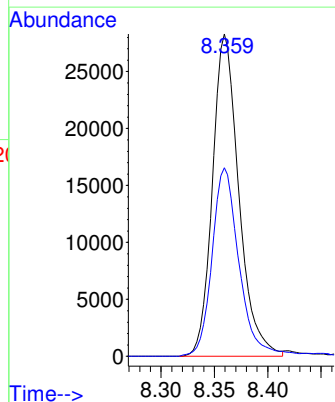
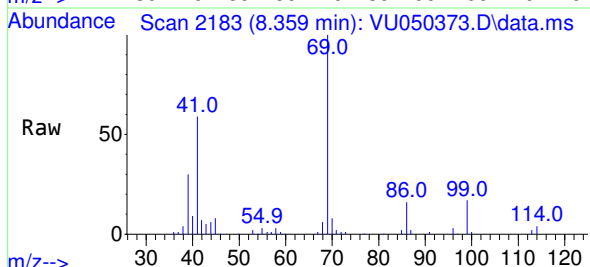
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

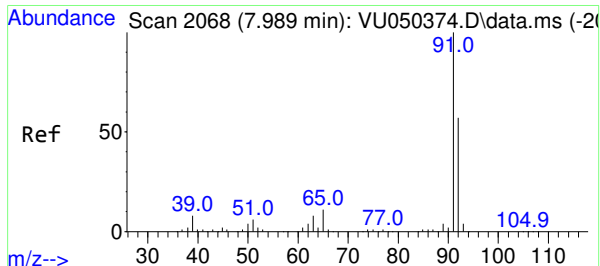
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 56419 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 102.6 | 0.0   | 225.4 |
| 39       | 54.0  | 45.8  | 68.8  |
| 100      | 35.6  | 28.8  | 43.2  |



#48  
Ethyl methacrylate  
Concen: 4.99 ug/l  
RT: 8.359 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48642 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 59.9  | 32.3  | 96.9  |

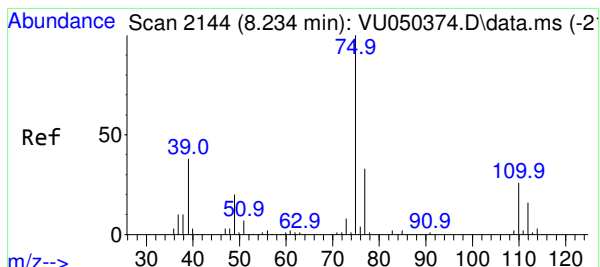
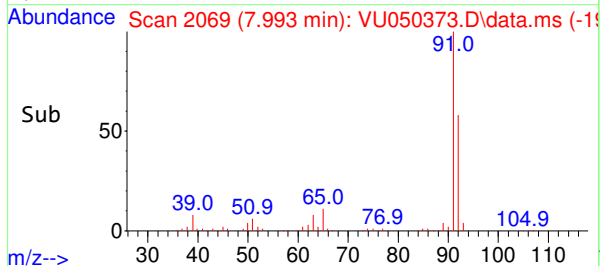
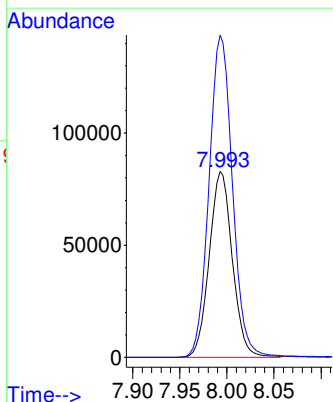
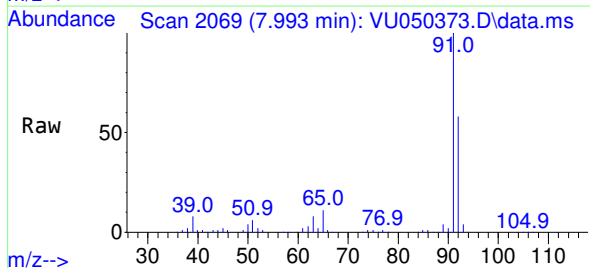




#49  
Toluene  
Concen: 5.58 ug/l  
RT: 7.993 min Scan# 2144  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

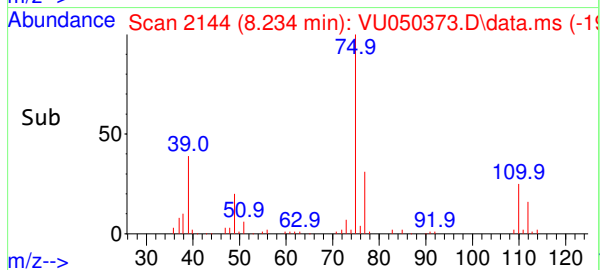
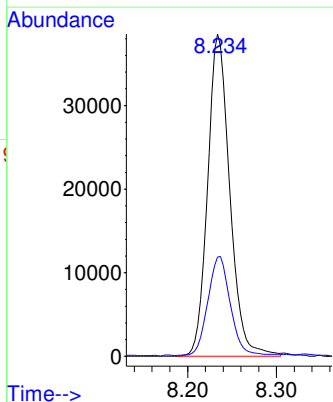
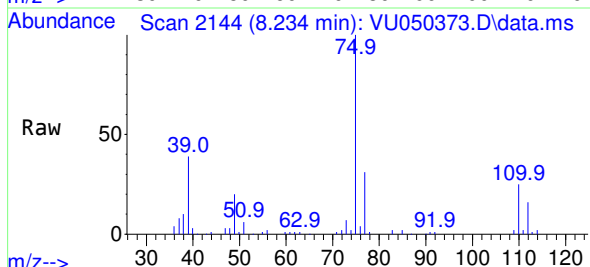
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

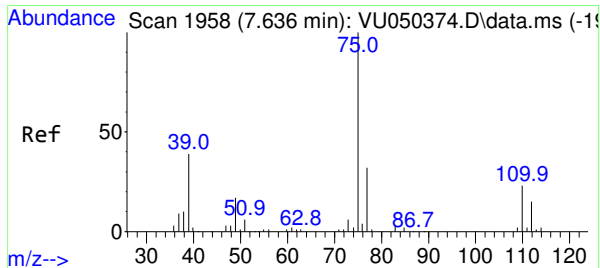
Tgt Ion: 92 Resp: 141459  
Ion Ratio Lower Upper  
92 100  
91 176.4 138.6 207.8



#50  
t-1,3-Dichloropropene  
Concen: 5.07 ug/l  
RT: 8.234 min Scan# 2144  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 75 Resp: 66766  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.7 37.1

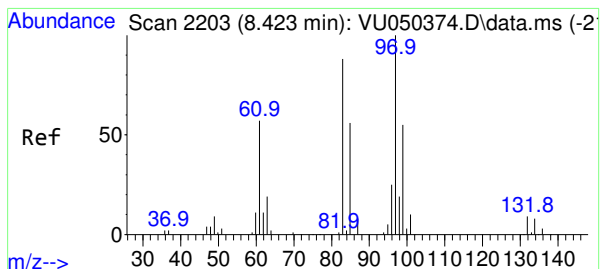
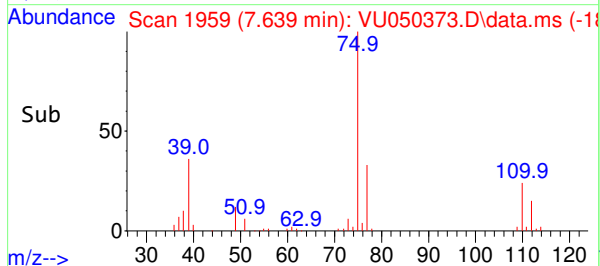
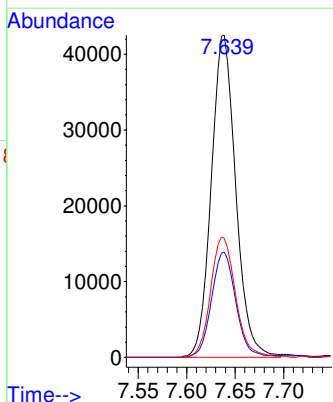
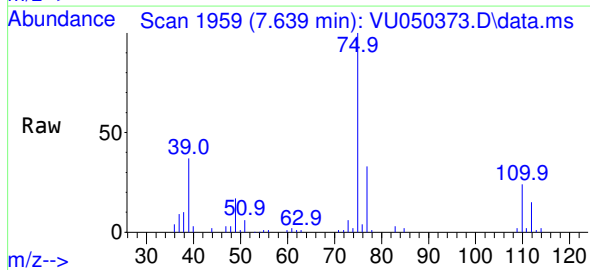




#51  
 cis-1,3-Dichloropropene  
 Concen: 4.95 ug/l  
 RT: 7.639 min Scan# 1  
 Delta R.T. 0.003 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

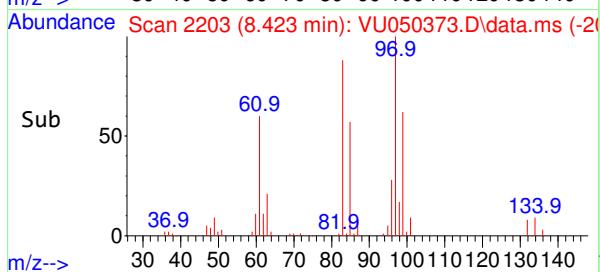
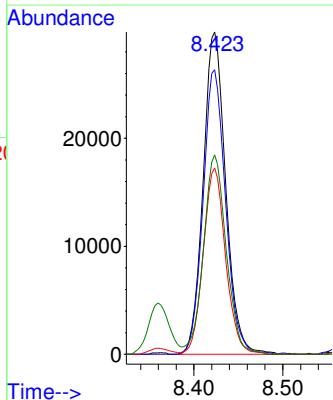
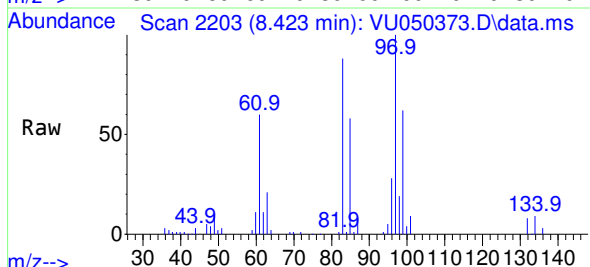
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

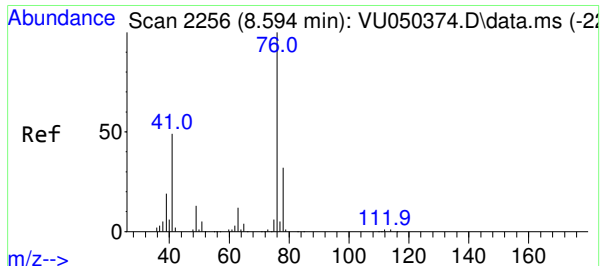
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 74621 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.7  | 25.4  | 38.0  |
| 39       | 37.0  | 35.1  | 52.7  |



#52  
 1,1,2-Trichloroethane  
 Concen: 5.14 ug/l  
 RT: 8.423 min Scan# 2203  
 Delta R.T. 0.000 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 52745 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.3  | 70.6  | 106.0 |
| 85       | 57.8  | 46.2  | 69.4  |
| 99       | 61.8  | 50.0  | 75.0  |

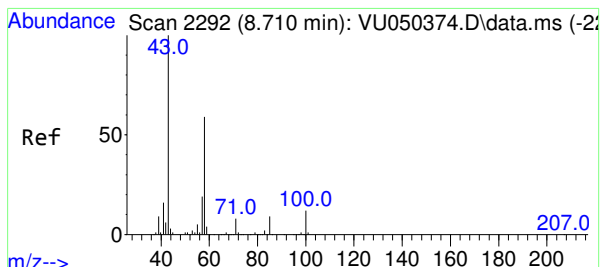
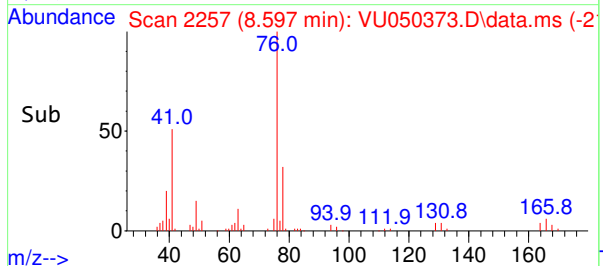
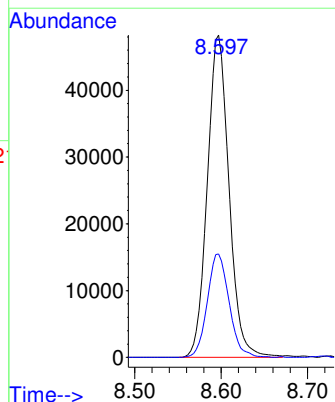
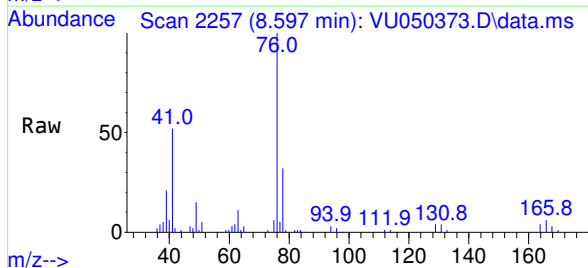




#53  
1,3-Dichloropropane  
Concen: 5.25 ug/l  
RT: 8.597 min Scan# 2257  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

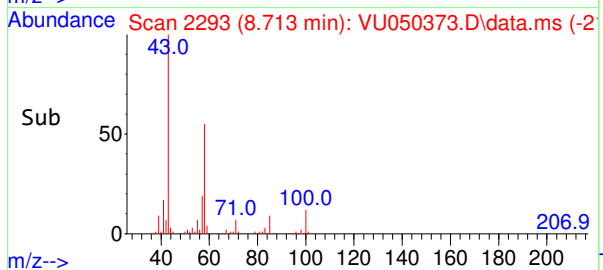
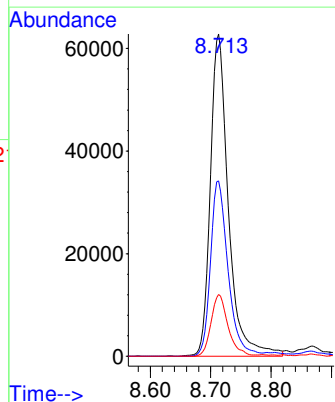
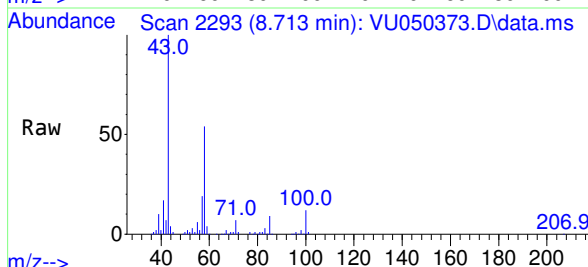
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

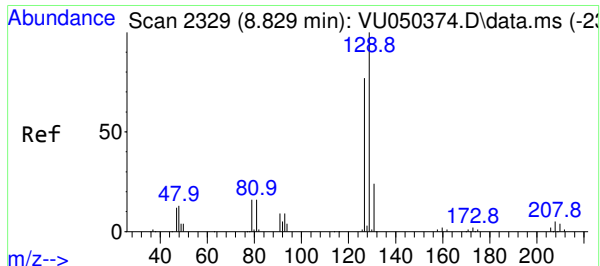
Tgt Ion: 76 Resp: 84109  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.0 39.0



#54  
2-Hexanone  
Concen: 25.46 ug/l  
RT: 8.713 min Scan# 2293  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 43 Resp: 129934  
Ion Ratio Lower Upper  
43 100  
58 52.9 37.1 77.1  
57 18.2 0.0 39.5

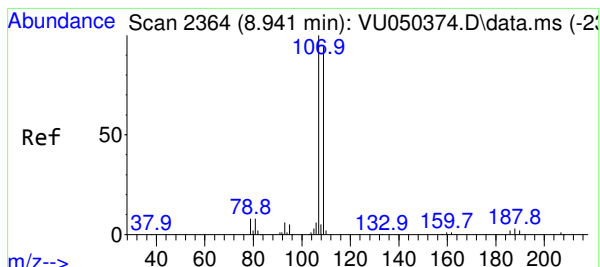
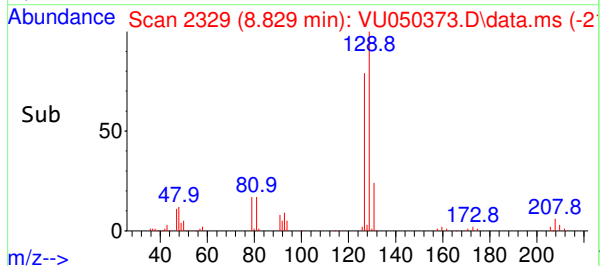
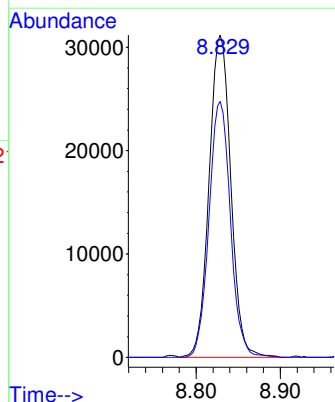
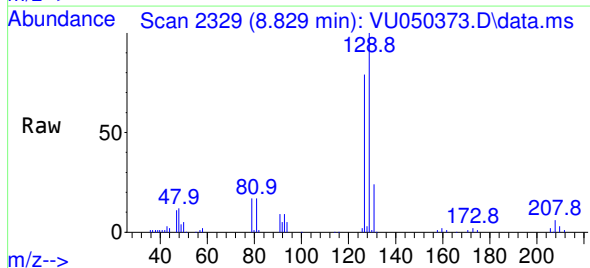




#55  
Dibromochloromethane  
Concen: 5.08 ug/l  
RT: 8.829 min Scan# 2329  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

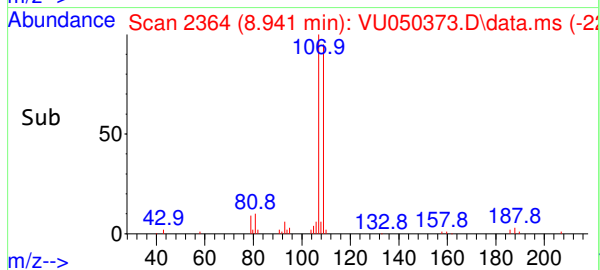
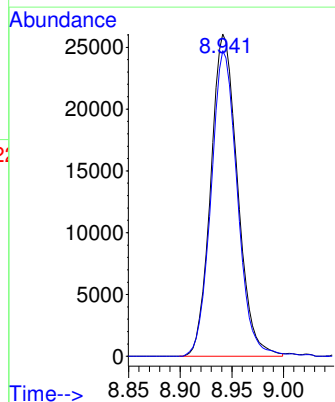
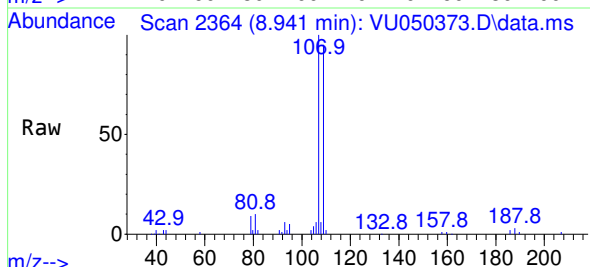
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

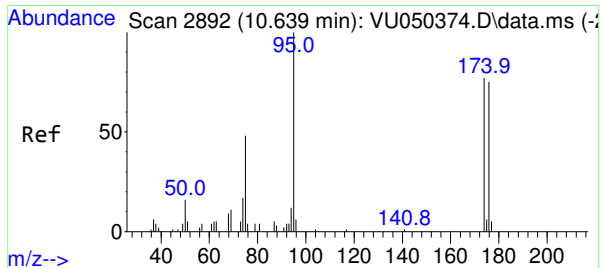
Tgt Ion:129 Resp: 55875  
Ion Ratio Lower Upper  
129 100  
127 78.4 61.2 91.8



#56  
1,2-Dibromoethane  
Concen: 5.22 ug/l  
RT: 8.941 min Scan# 2364  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:107 Resp: 47005  
Ion Ratio Lower Upper  
107 100  
109 93.3 0.0 187.2

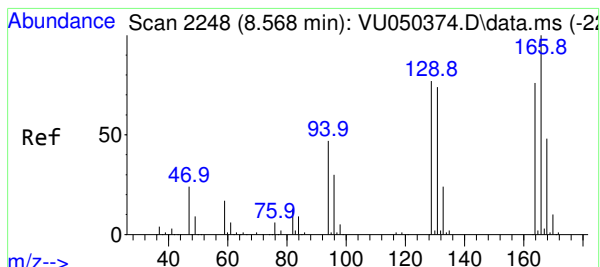
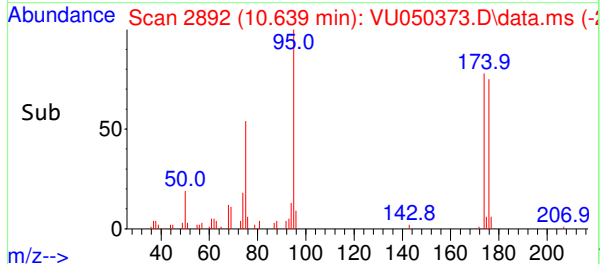
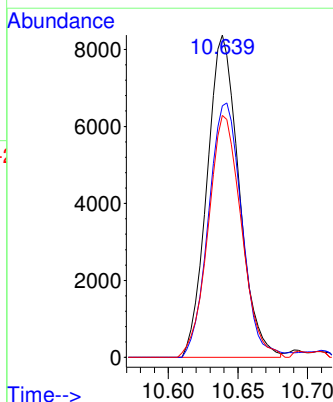
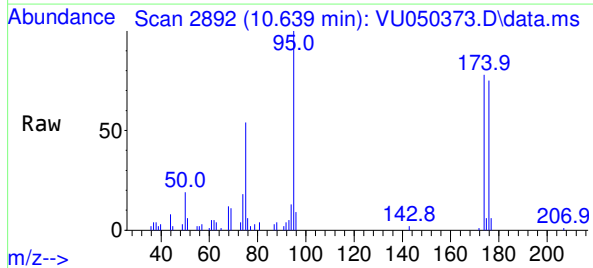




#57  
4-Bromofluorobenzene  
Concen: 0.99 ug/l  
RT: 10.639 min Scan# 2133  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

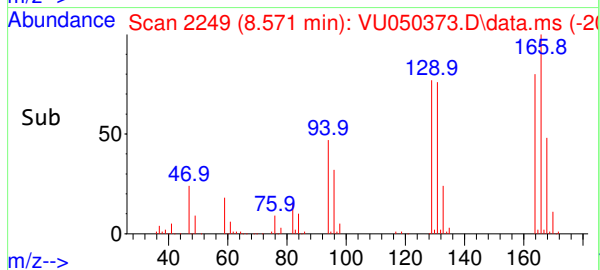
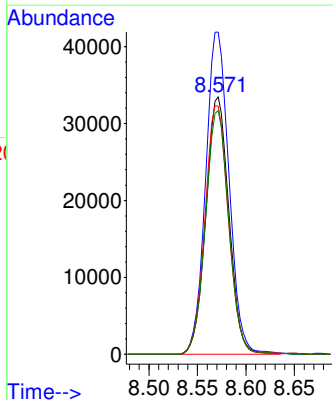
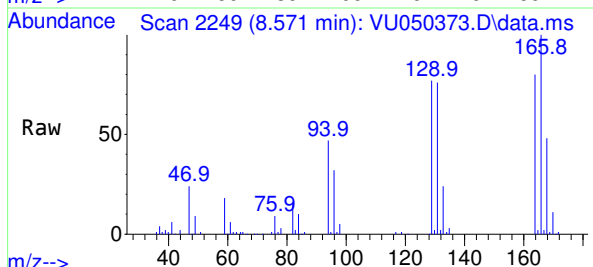
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 13352 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 81.9  | 62.4  | 93.6  |
| 176      | 77.9  | 56.2  | 84.2  |

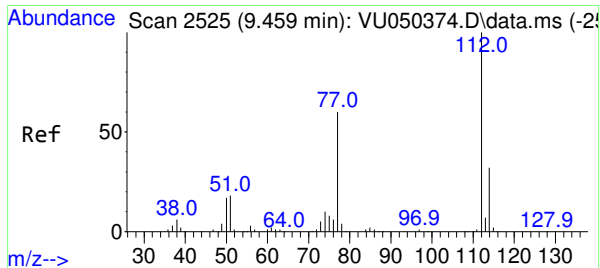


#58  
Tetrachloroethene  
Concen: 5.34 ug/l  
RT: 8.571 min Scan# 2249  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 55459 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 125.1 | 102.4 | 153.6 |
| 129      | 96.2  | 79.5  | 119.3 |
| 131      | 94.7  | 77.4  | 116.2 |



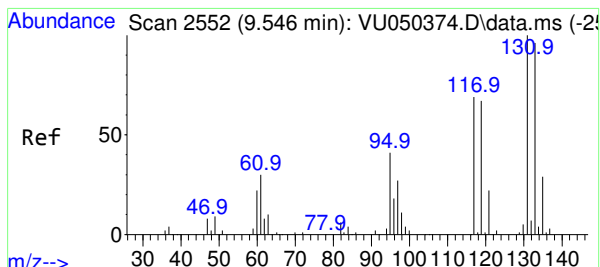
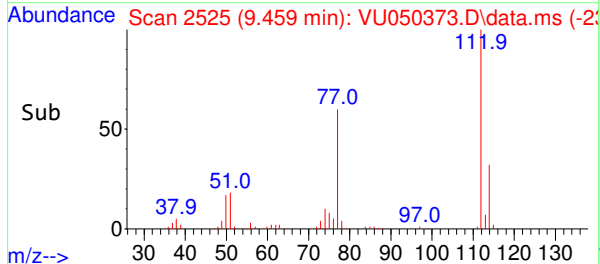
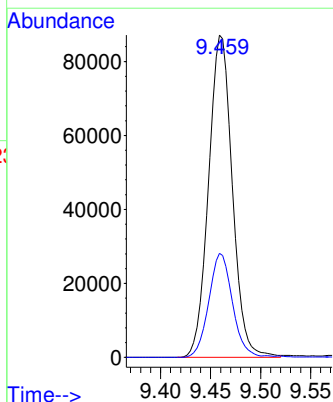
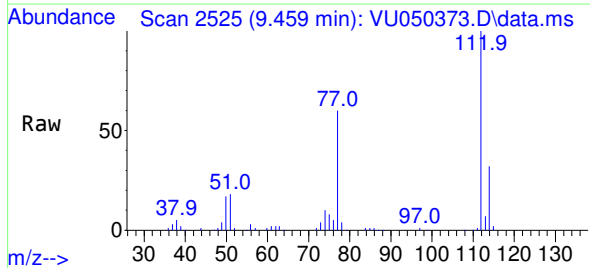




#59  
Chlorobenzene  
Concen: 5.27 ug/l  
RT: 9.459 min Scan# 2525  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

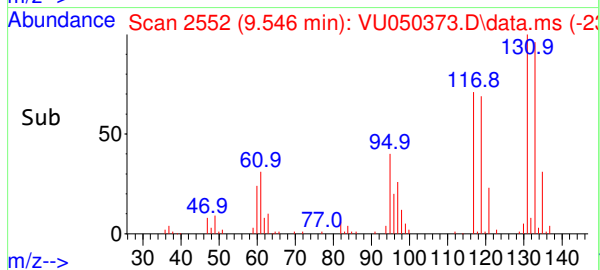
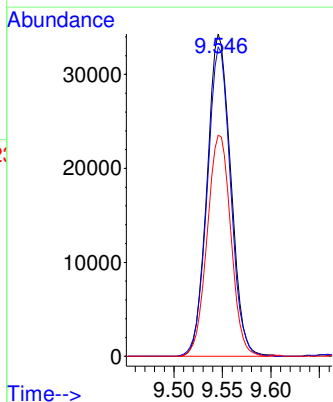
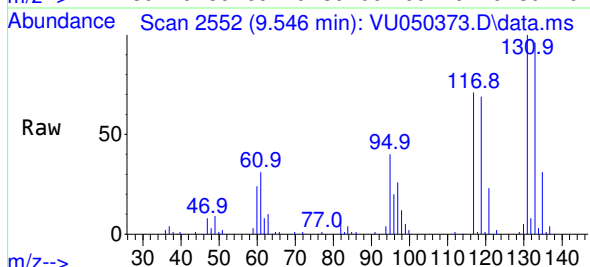
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

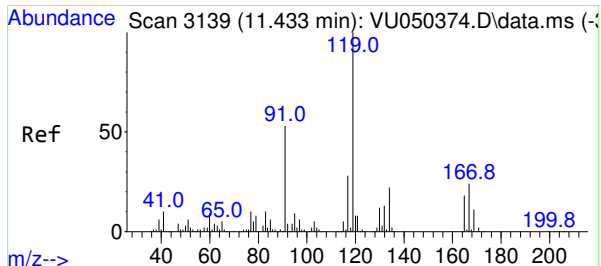
Tgt Ion:112 Resp: 144532  
Ion Ratio Lower Upper  
112 100  
114 32.3 24.9 37.3



#60  
1,1,1,2-Tetrachloroethane  
Concen: 5.13 ug/l  
RT: 9.546 min Scan# 2552  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:131 Resp: 58165  
Ion Ratio Lower Upper  
131 100  
133 94.9 78.3 117.5  
119 68.6 53.2 79.8

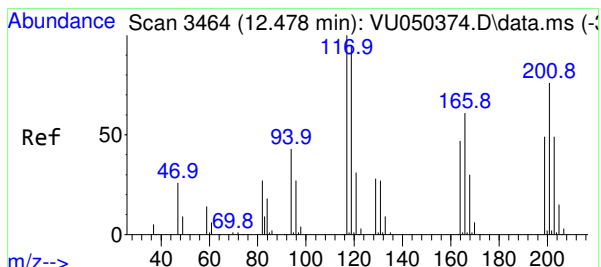
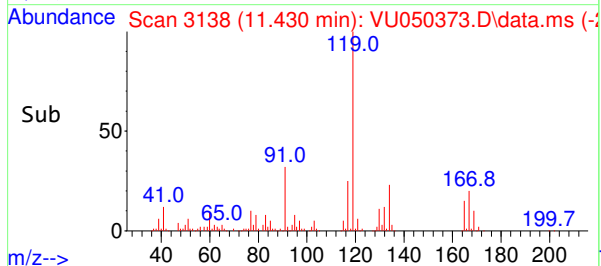
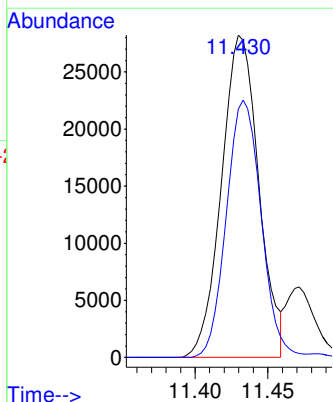
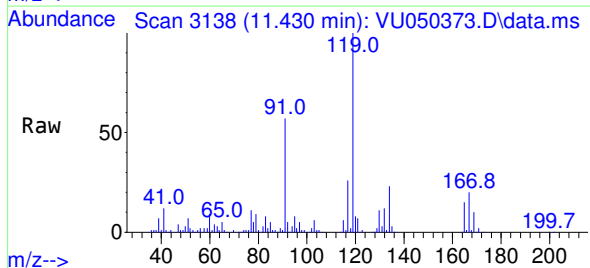




#61  
Pentachloroethane  
Concen: 5.36 ug/l  
RT: 11.430 min Scan# 3139  
Delta R.T. -0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

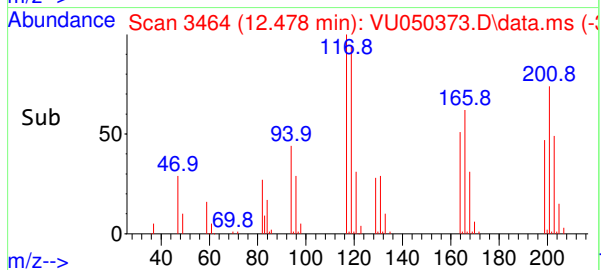
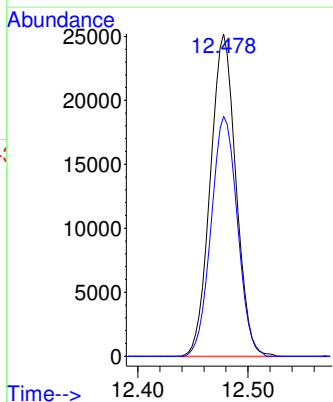
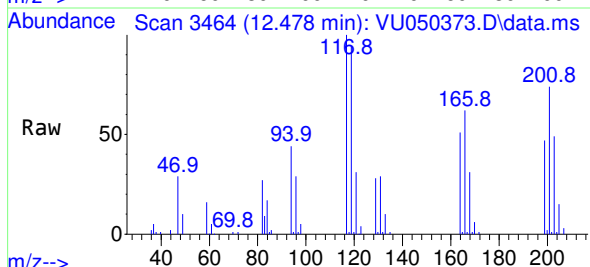
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

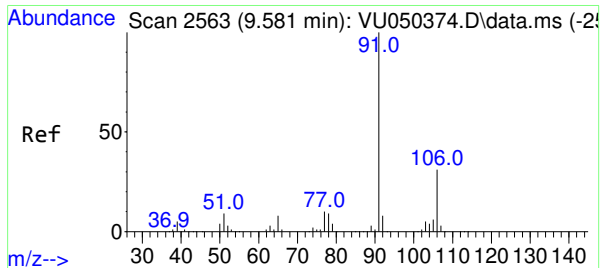
Tgt Ion:117 Resp: 50268  
Ion Ratio Lower Upper  
117 100  
167 74.5 66.2 99.4



#62  
Hexachloroethane  
Concen: 5.49 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:117 Resp: 40524  
Ion Ratio Lower Upper  
117 100  
201 76.3 61.0 91.4

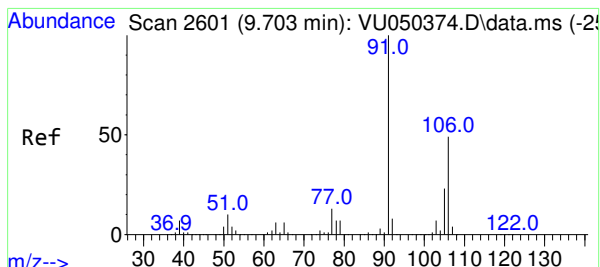
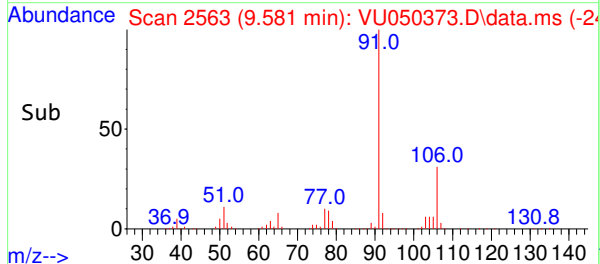
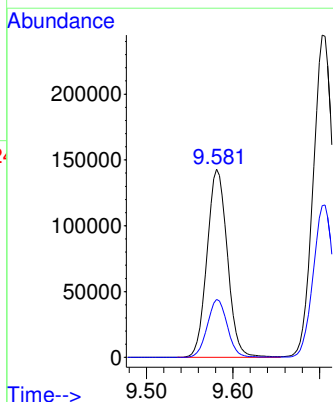
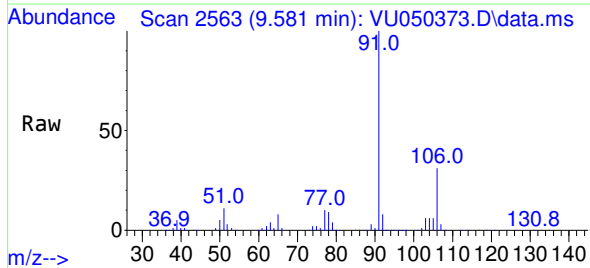




#63  
Ethyl Benzene  
Concen: 5.41 ug/l  
RT: 9.581 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

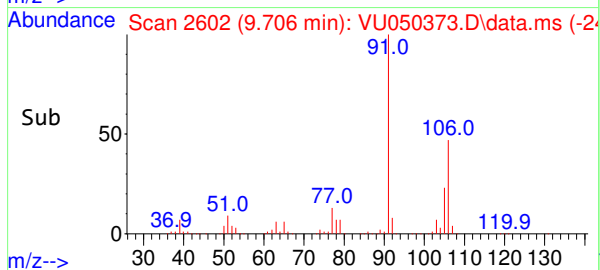
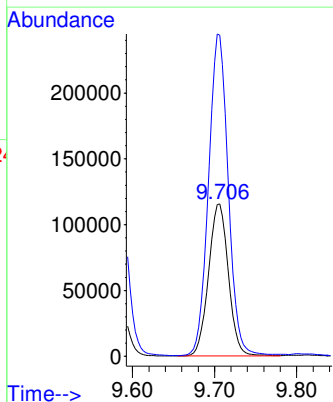
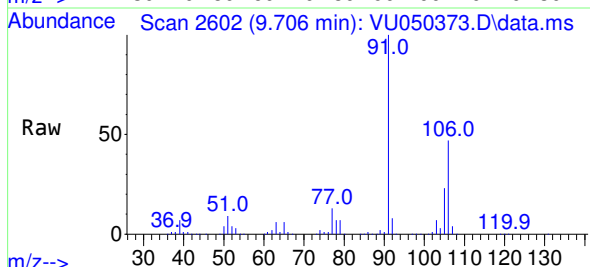
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

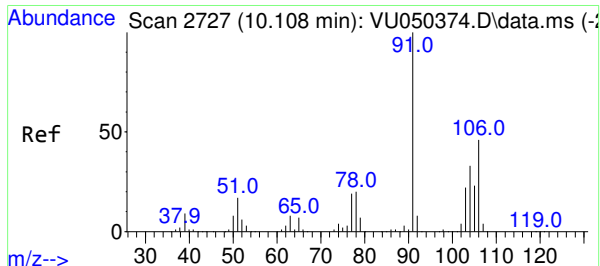
Tgt Ion: 91 Resp: 233860  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.4 36.6



#64  
m/p-Xylenes  
Concen: 11.55 ug/l  
RT: 9.706 min Scan# 2602  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 106 Resp: 194125  
Ion Ratio Lower Upper  
106 100  
91 209.3 167.8 251.6

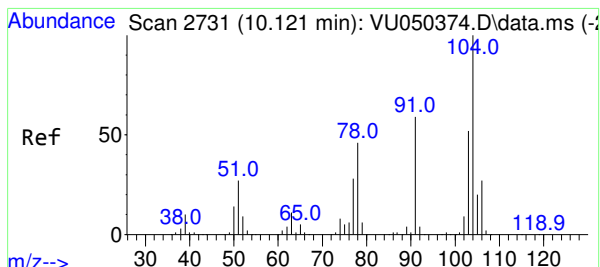
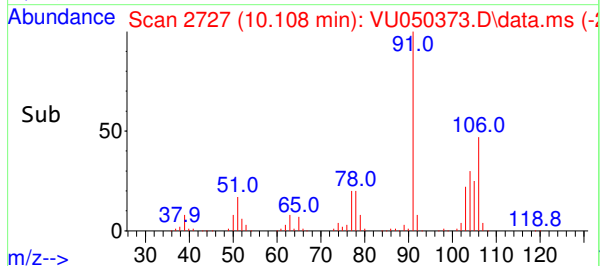
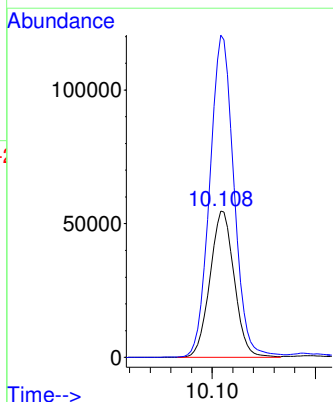
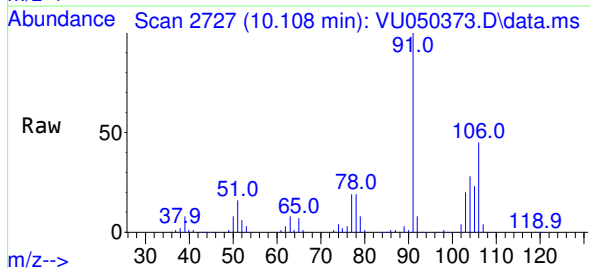




#65  
o-Xylene  
Concen: 5.50 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

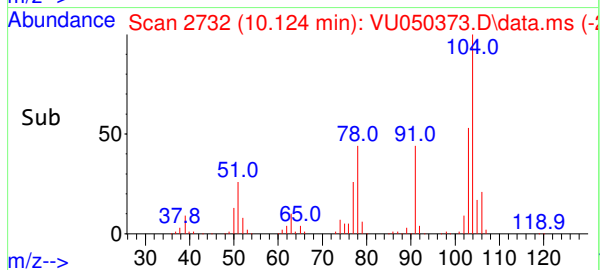
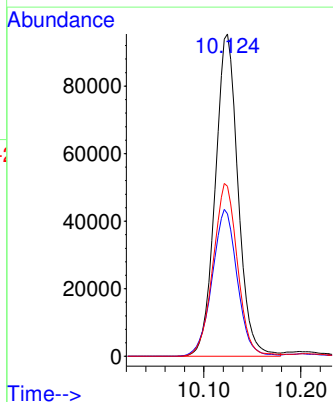
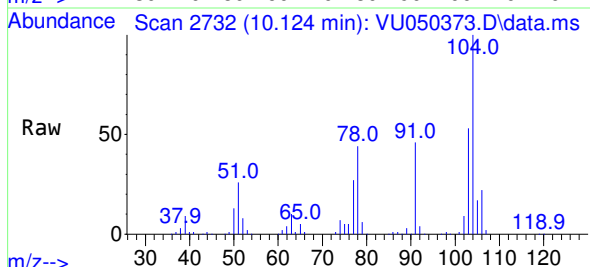
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

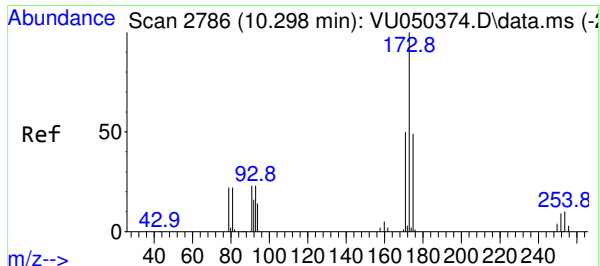
Tgt Ion:106 Resp: 89395  
Ion Ratio Lower Upper  
106 100  
91 220.4 111.1 333.2



#66  
Styrene  
Concen: 5.83 ug/l  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:104 Resp: 156289  
Ion Ratio Lower Upper  
104 100  
78 50.1 42.1 63.1  
103 57.3 44.5 66.7

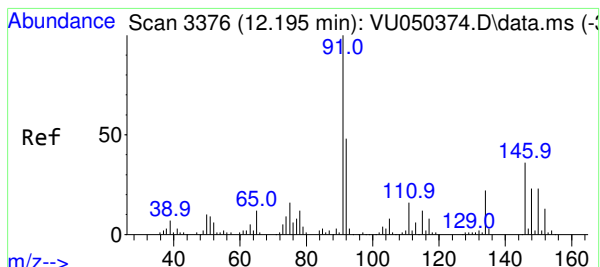
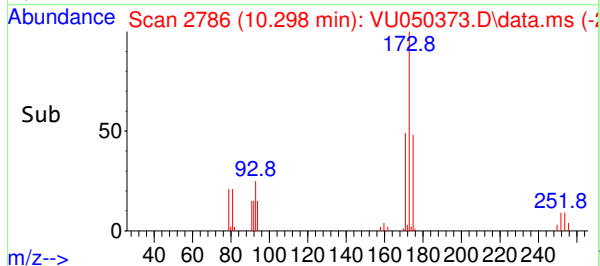
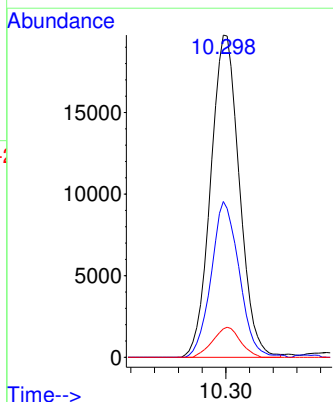
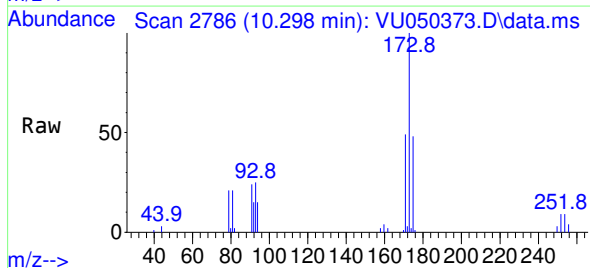




#67  
Bromoform  
Concen: 5.19 ug/l  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

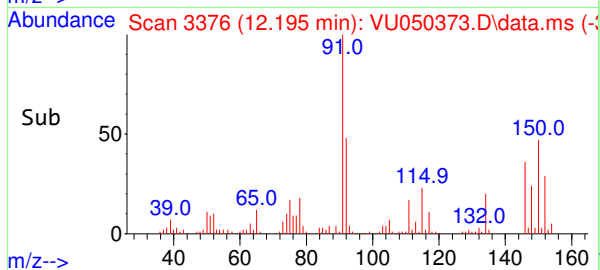
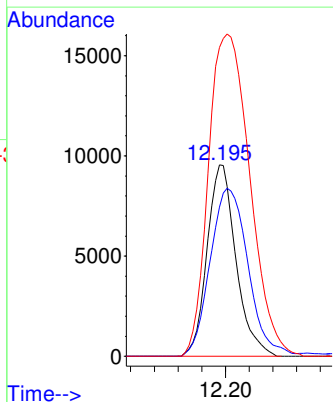
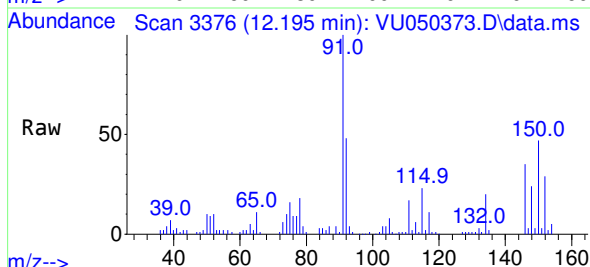
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

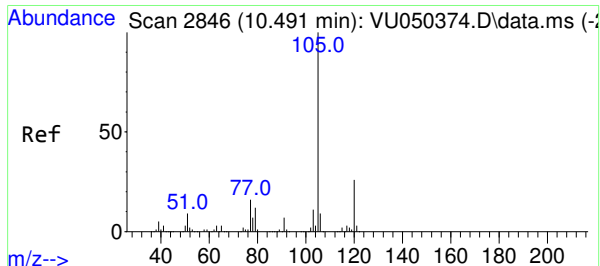
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 33174 |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 47.1  | 38.4  | 57.6  |
| 254      | 9.0   | 7.7   | 11.5  |



#68  
1,2-Dichlorobenzene-d4  
Concen: 1.06 ug/l  
RT: 12.195 min Scan# 3376  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 16124 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 115.4 | 0.0   | 254.6 |
| 150      | 241.7 | 0.0   | 623.6 |

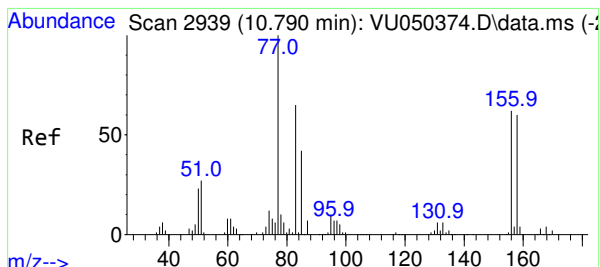
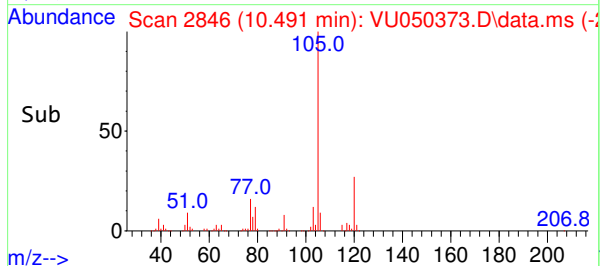
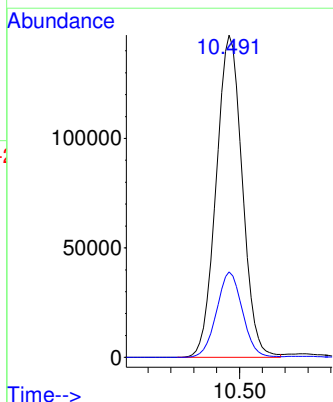
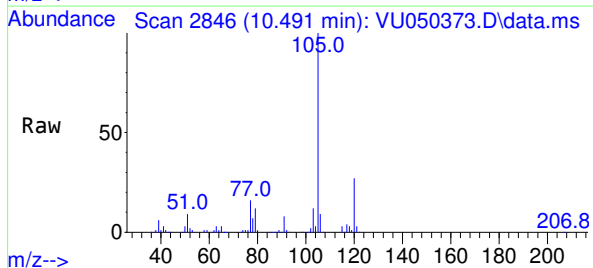




#69  
Isopropylbenzene  
Concen: 5.61 ug/l  
RT: 10.491 min Scan# 2  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

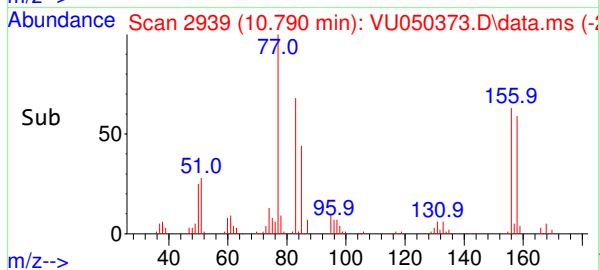
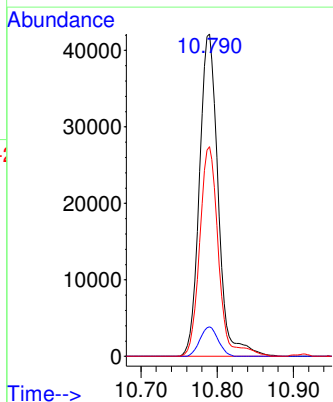
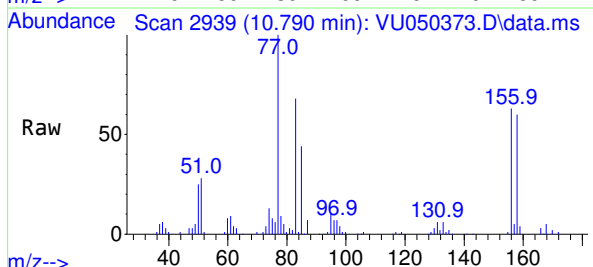
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

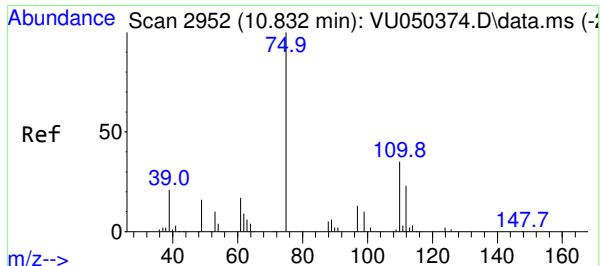
Tgt Ion:105 Resp: 233692  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.6 37.8



#70  
1,1,2,2-Tetrachloroethane  
Concen: 5.15 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 83 Resp: 72066  
Ion Ratio Lower Upper  
83 100  
131 8.9 7.7 11.5  
85 65.1 51.2 76.8

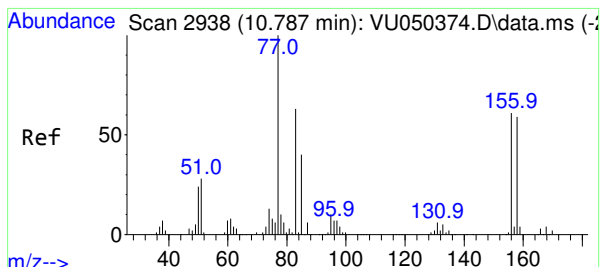
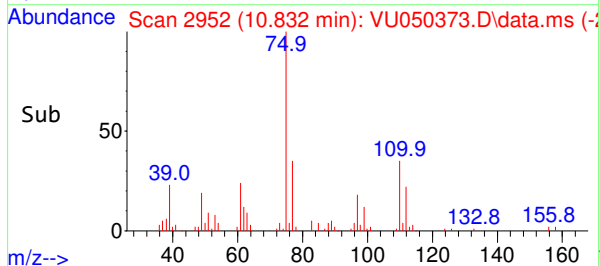
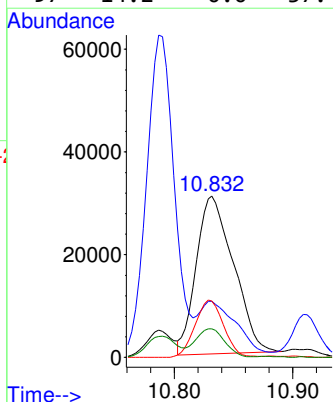
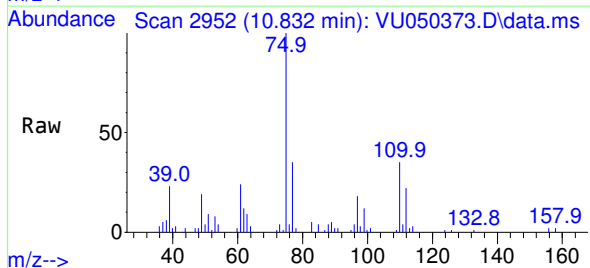




#71  
1,2,3-Trichloropropane  
Concen: 6.70 ug/l  
RT: 10.832 min Scan# 2  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

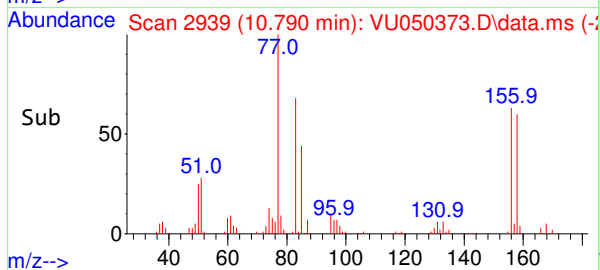
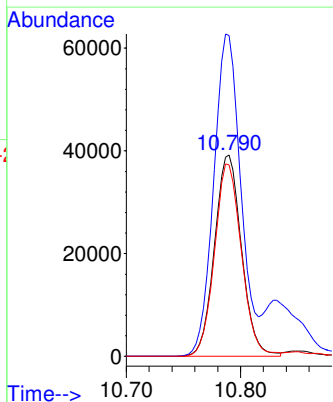
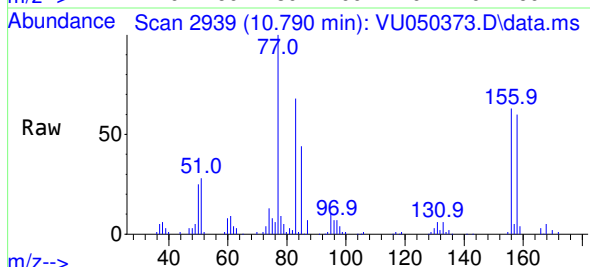
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

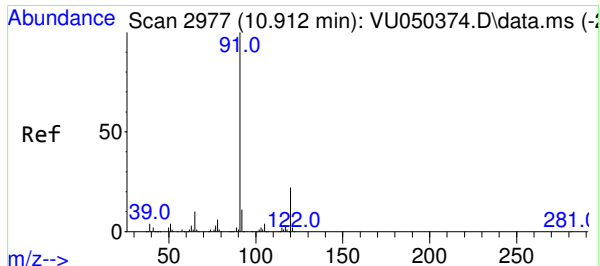
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 67285 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.5  | 0.0   | 112.4 |
| 110      | 28.1  | 0.0   | 70.6  |
| 97       | 14.2  | 0.0   | 37.4  |



#72  
Bromobenzene  
Concen: 5.56 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 64542 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 159.9 | 0.0   | 344.4 |
| 158      | 95.2  | 0.0   | 192.2 |

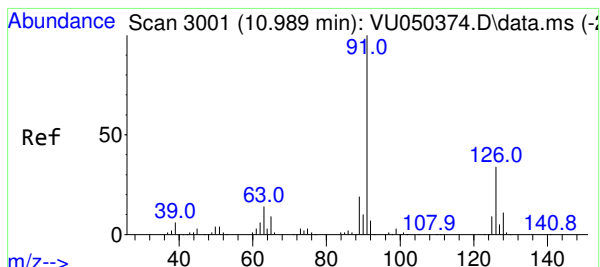
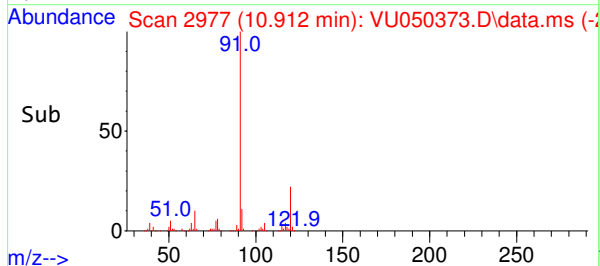
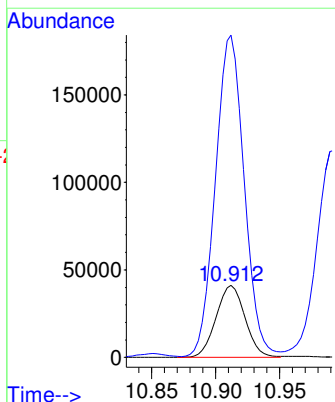
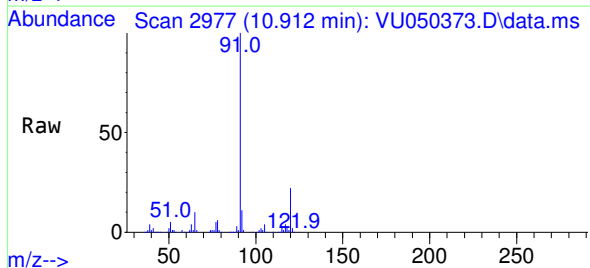




#73  
n-propylbenzene  
Concen: 5.92 ug/l  
RT: 10.912 min Scan# 2  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

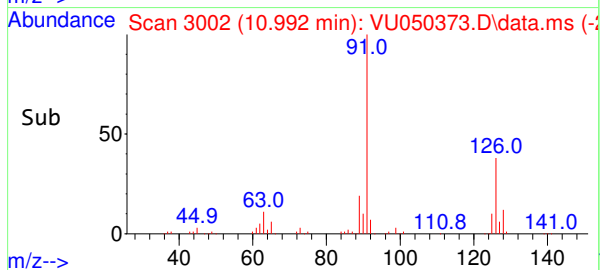
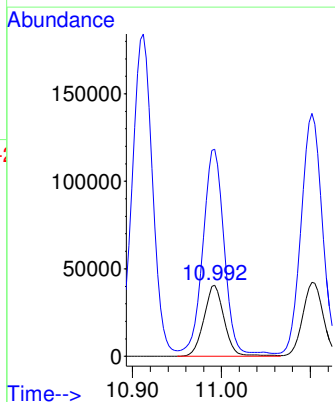
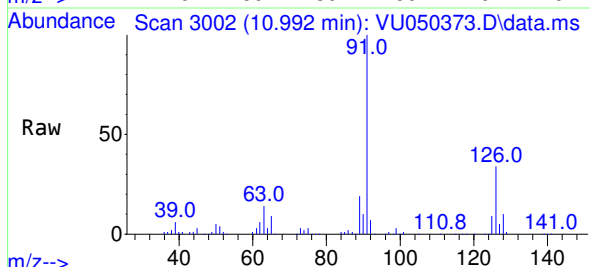
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

Tgt Ion:120 Resp: 64845  
Ion Ratio Lower Upper  
120 100  
91 443.2 367.8 551.6

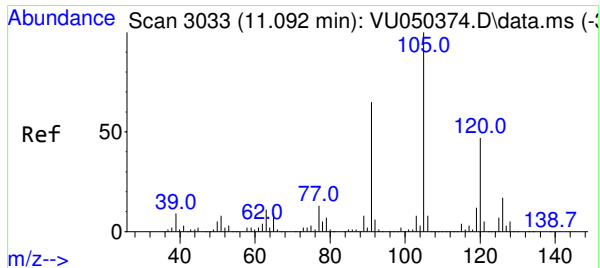


#74  
2-Chlorotoluene  
Concen: 6.03 ug/l  
RT: 10.992 min Scan# 3002  
Delta R.T. 0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:126 Resp: 64704  
Ion Ratio Lower Upper  
126 100  
91 293.8 0.0 620.6



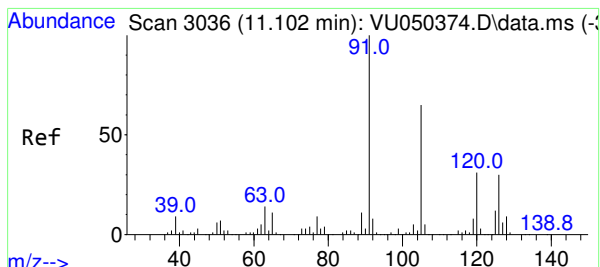
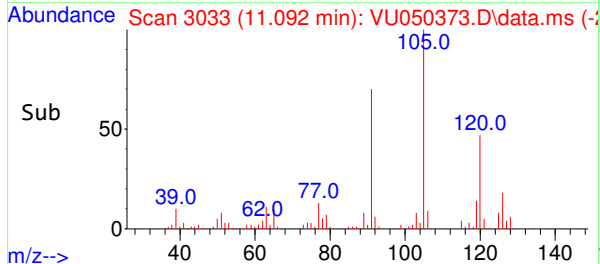
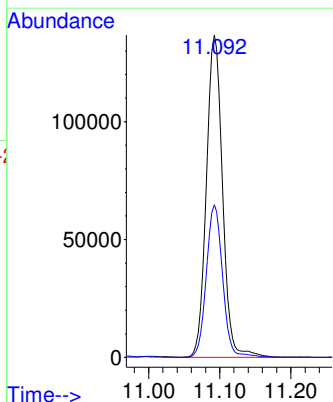
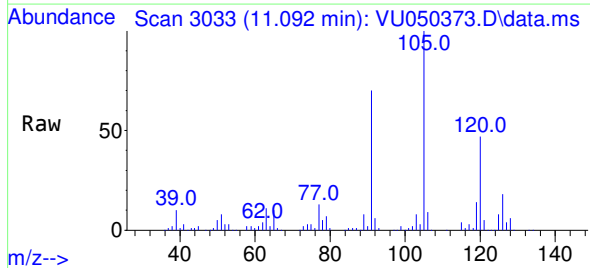




#75  
1,3,5-Trimethylbenzene  
Concen: 5.94 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

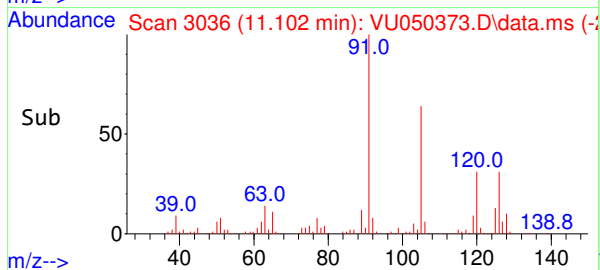
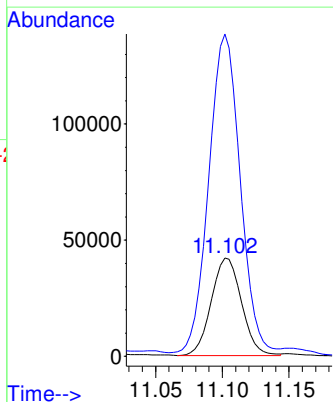
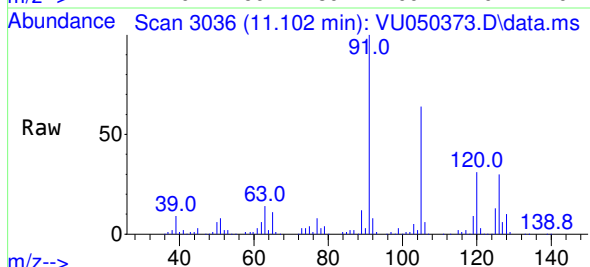
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

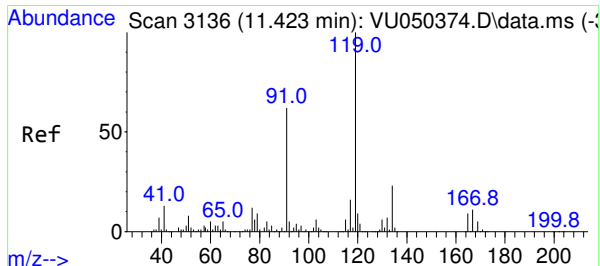
Tgt Ion:105 Resp: 216021  
Ion Ratio Lower Upper  
105 100  
120 47.7 37.6 56.4



#76  
4-Chlorotoluene  
Concen: 6.15 ug/l  
RT: 11.102 min Scan# 3036  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion:126 Resp: 66072  
Ion Ratio Lower Upper  
126 100  
91 337.2 0.0 738.8

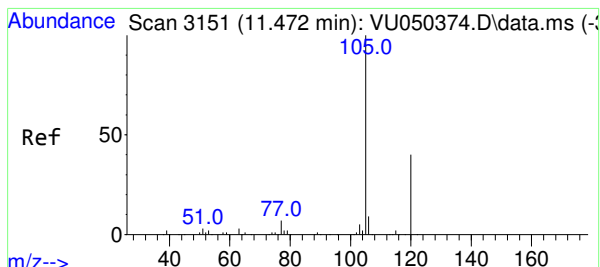
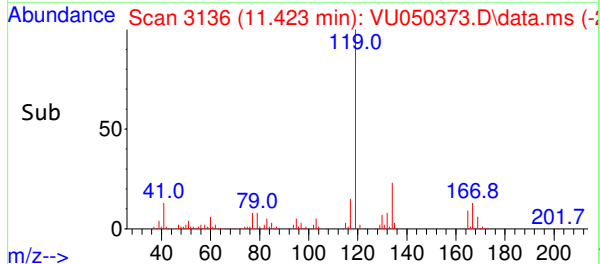
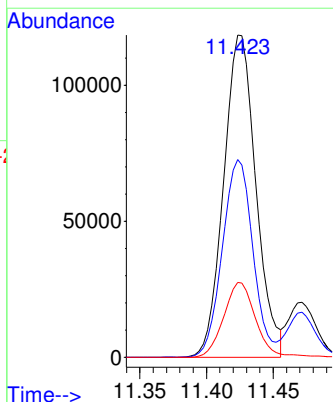
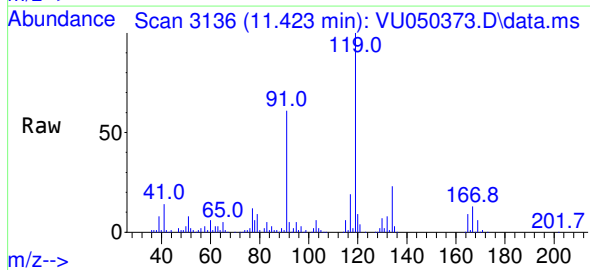




#77  
tert-Butylbenzene  
Concen: 5.60 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

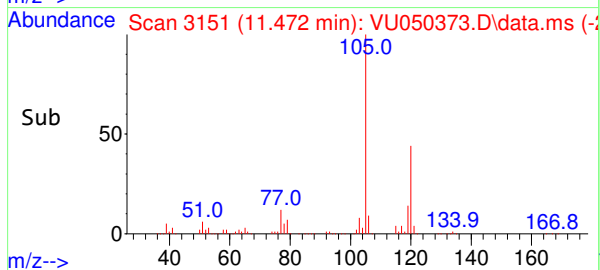
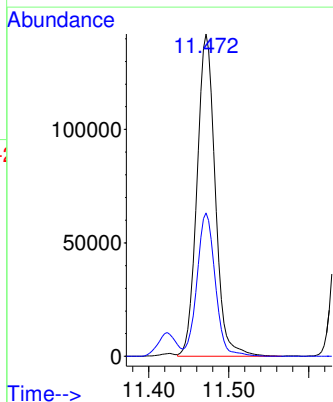
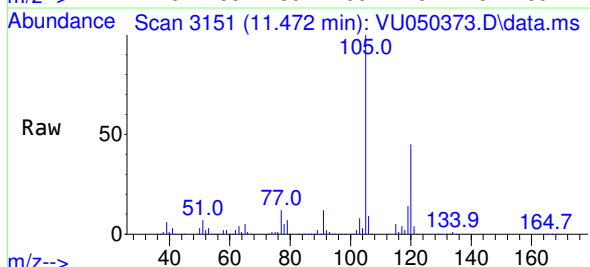
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC005

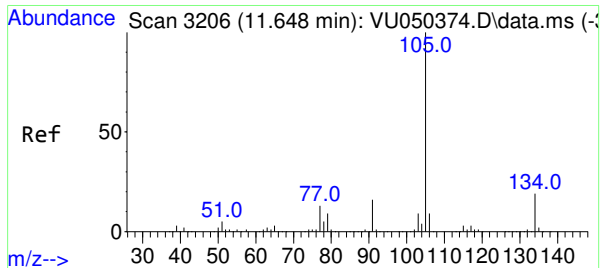
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 199689 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 58.2  | 30.4  | 91.3   |
| 134      | 23.2  | 17.8  | 26.6   |



#78  
1,2,4-Trimethylbenzene  
Concen: 6.01 ug/l  
RT: 11.472 min Scan# 3151  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 225416 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 44.6  | 21.6  | 65.0   |

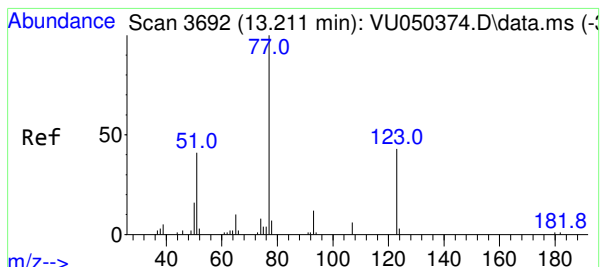
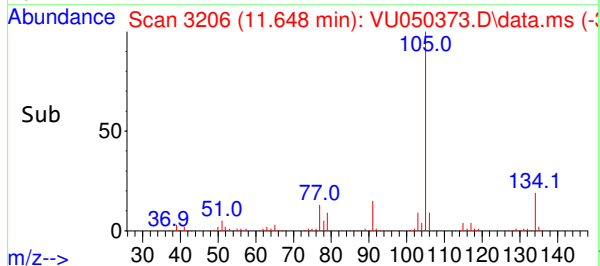
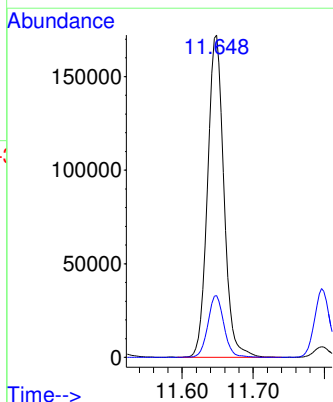
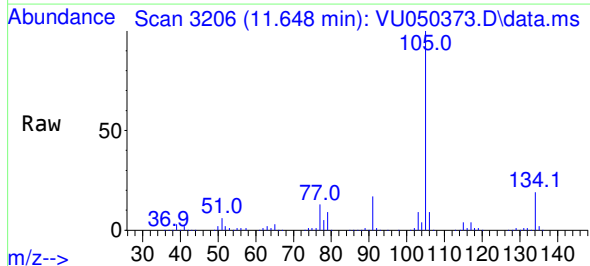




#79  
 sec-Butylbenzene  
 Concen: 5.84 ug/l  
 RT: 11.648 min Scan# 3206  
 Delta R.T. 0.000 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

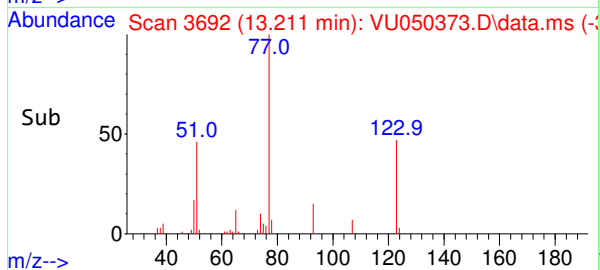
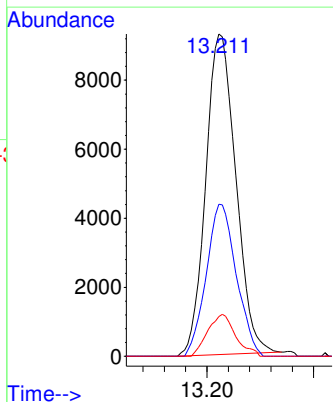
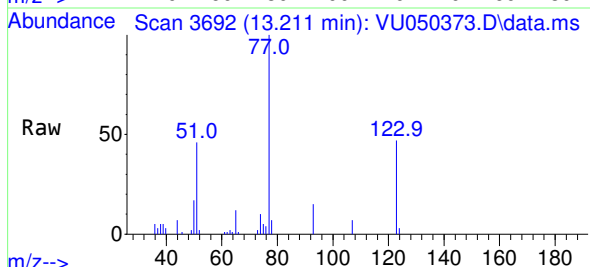
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC005

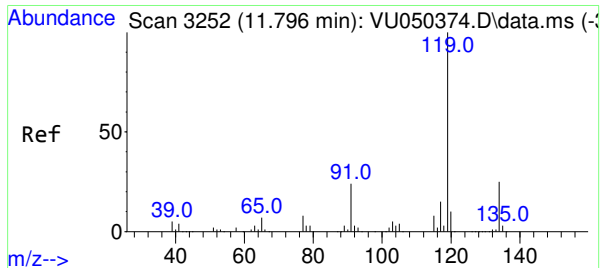
Tgt Ion: 105 Resp: 275039  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 15.4 23.0



#80  
 Nitrobenzene  
 Concen: 21.51 ug/l  
 RT: 13.211 min Scan# 3692  
 Delta R.T. 0.000 min  
 Lab File: VU050373.D  
 Acq: 19 Aug 2022 13:13

Tgt Ion: 77 Resp: 18205  
 Ion Ratio Lower Upper  
 77 100  
 123 47.3 18.1 64.3  
 65 12.2 10.8 13.8

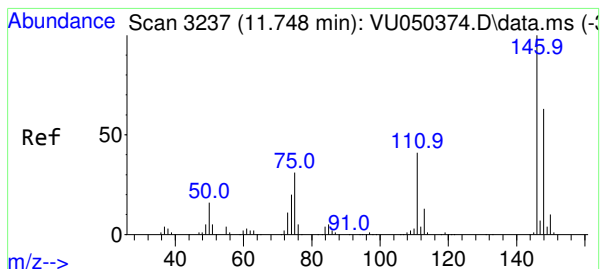
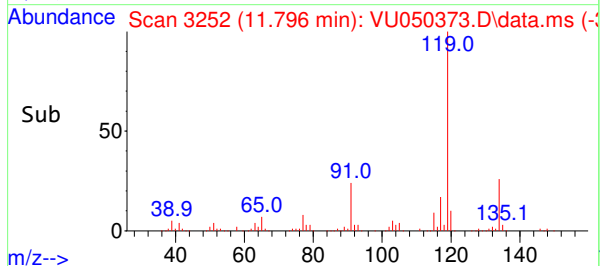
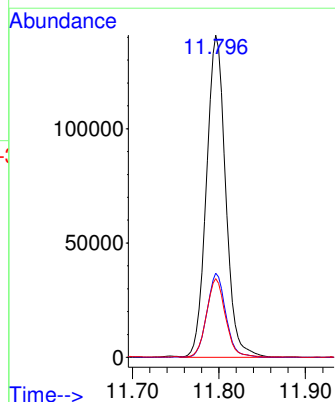
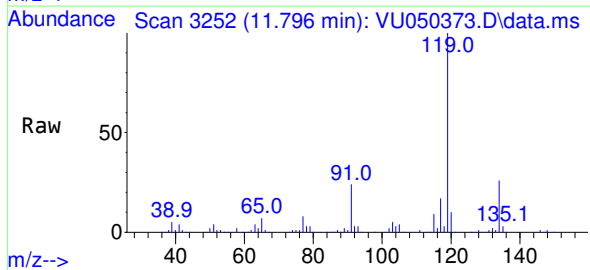




#81  
p-Isopropyltoluene  
Concen: 5.76 ug/l  
RT: 11.796 min Scan# 3252  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

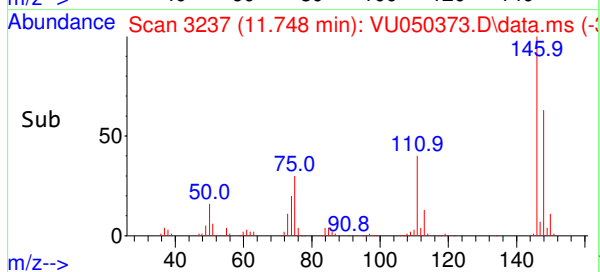
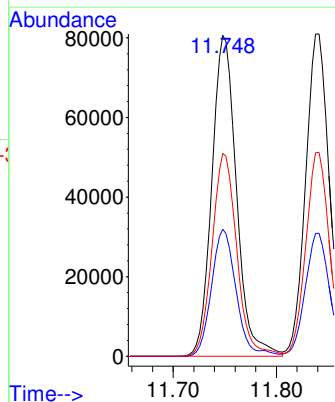
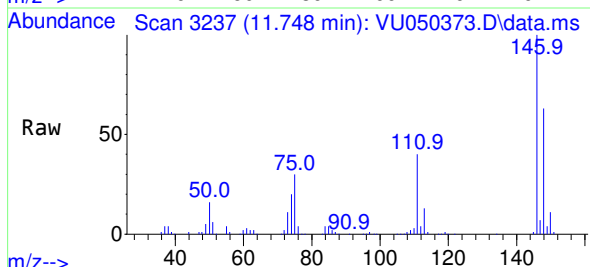
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

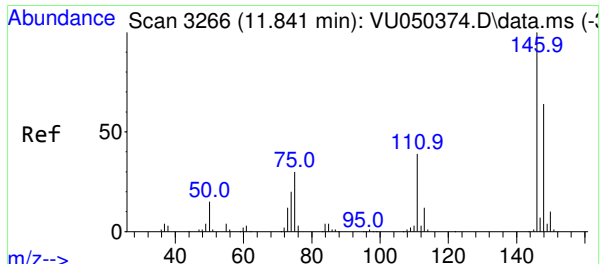
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 217327 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 134      | 25.7  | 20.5  | 30.7   |
| 91       | 24.1  | 19.8  | 29.6   |



#82  
1,3-Dichlorobenzene  
Concen: 5.66 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 133676 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 39.5  | 33.4  | 50.2   |
| 148      | 63.5  | 51.2  | 76.8   |

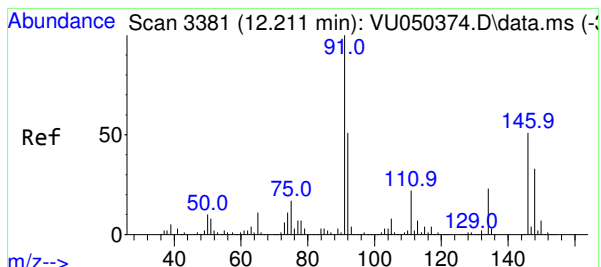
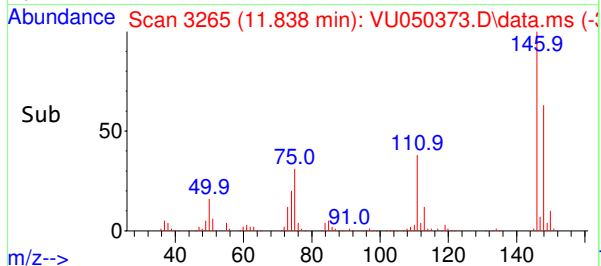
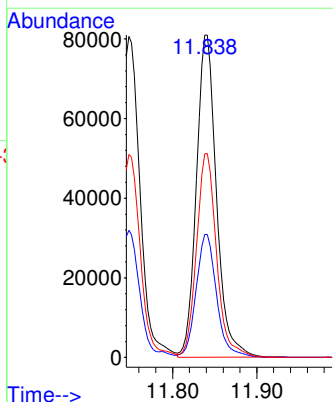
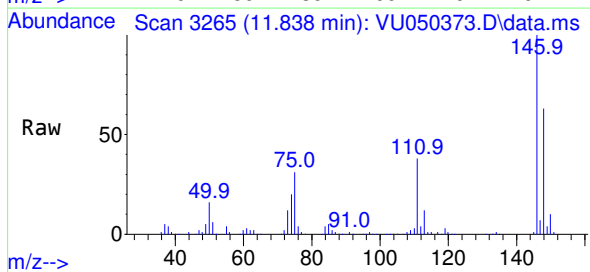




#83  
1,4-Dichlorobenzene  
Concen: 5.62 ug/l  
RT: 11.838 min Scan# 3  
Delta R.T. -0.003 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

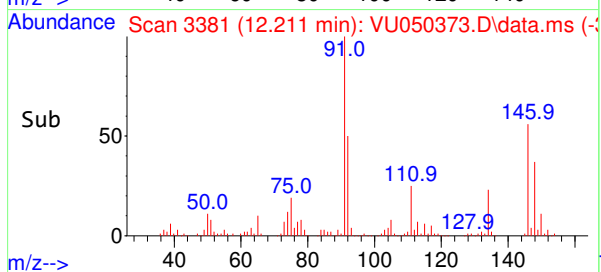
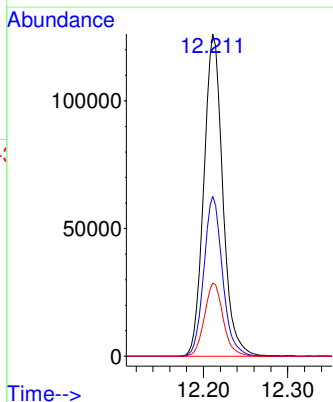
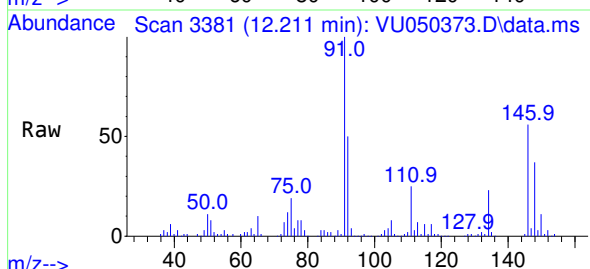
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

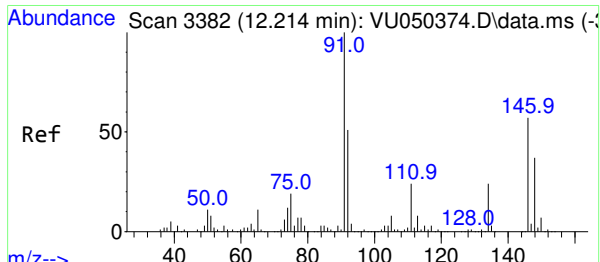
Tgt Ion: 146 Resp: 133654  
Ion Ratio Lower Upper  
146 100  
111 39.2 32.6 49.0  
148 63.5 51.6 77.4



#84  
n-Butylbenzene  
Concen: 5.49 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Tgt Ion: 91 Resp: 196450  
Ion Ratio Lower Upper  
91 100  
92 49.0 42.3 63.5  
134 22.5 19.6 29.4

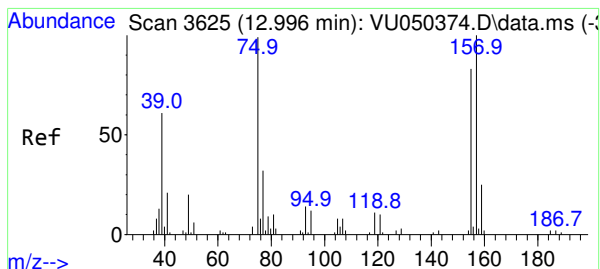
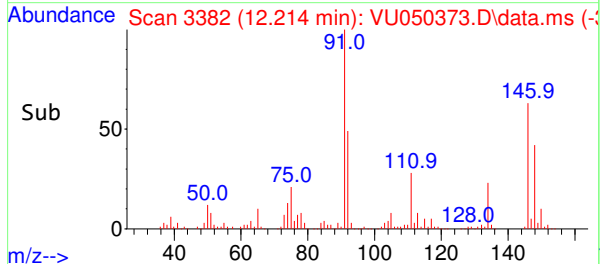
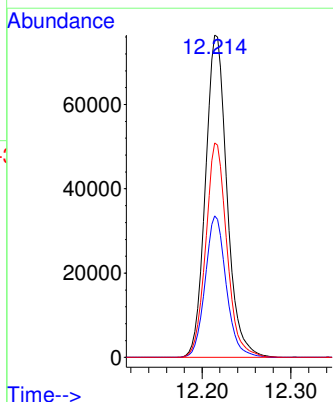
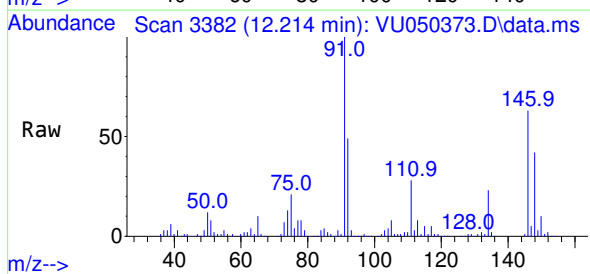




#85  
1,2-Dichlorobenzene  
Concen: 5.47 ug/l  
RT: 12.214 min Scan# 3382  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

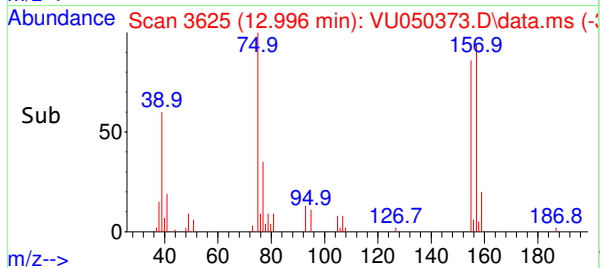
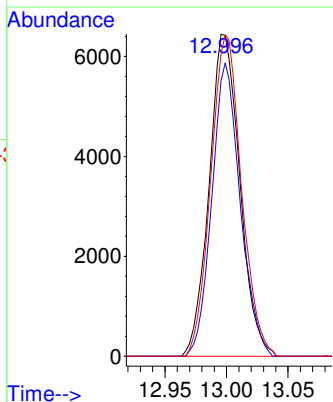
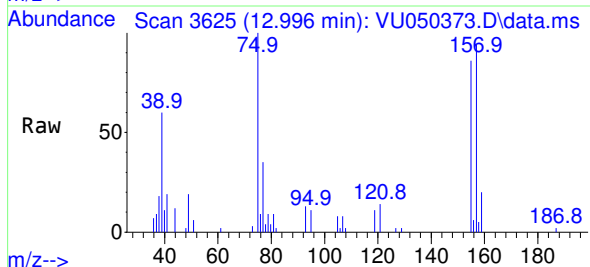
Instrument : MSVOA\_U  
ClientSampleId : VSTDIC005

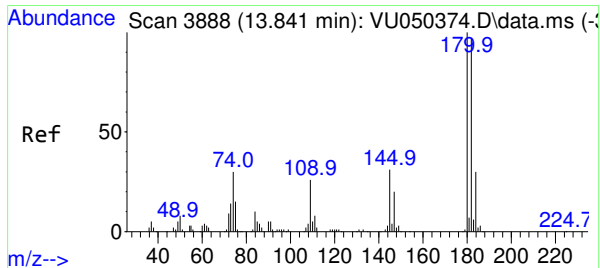
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 129171 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 43.0  | 22.1  | 66.1   |
| 148      | 65.4  | 32.1  | 96.3   |



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 4.98 ug/l  
RT: 12.996 min Scan# 3625  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11161 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 84.4  | 66.8  | 100.2 |
| 157      | 99.9  | 83.8  | 125.8 |

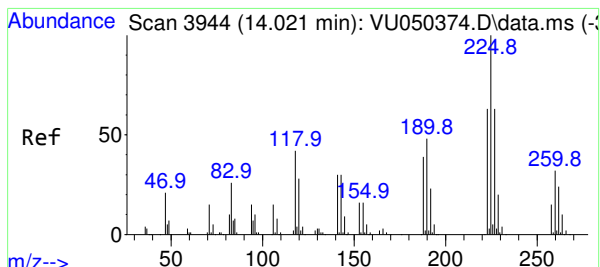
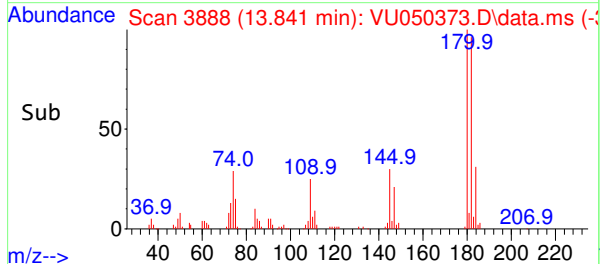
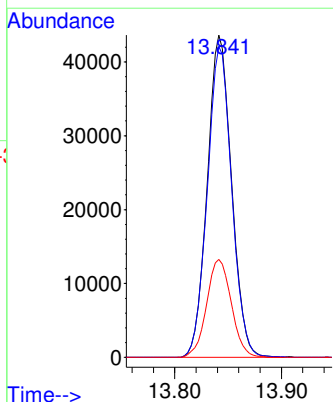
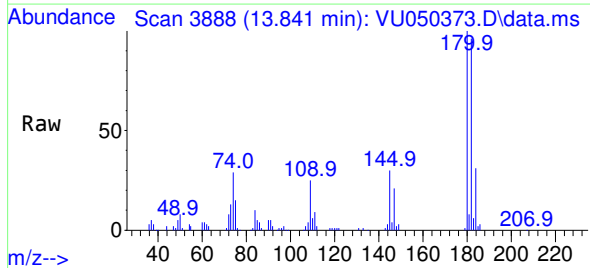




#87  
1,2,4-Trichlorobenzene  
Concen: 5.01 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

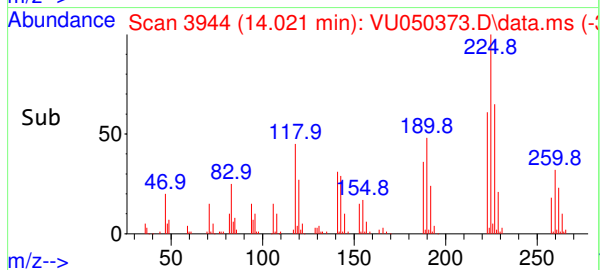
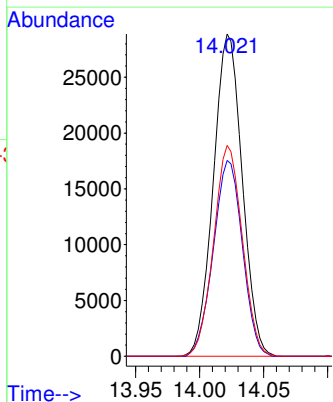
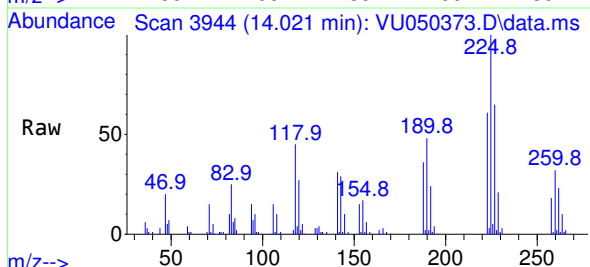
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

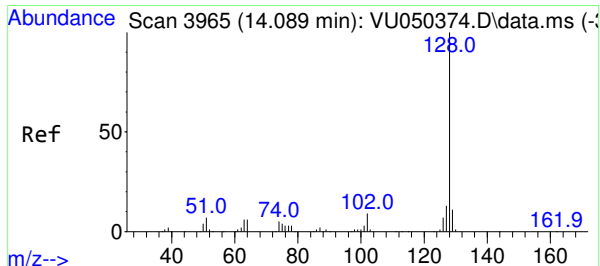
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 68917 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.0  | 77.0  | 115.6 |
| 145      | 31.0  | 25.7  | 38.5  |



#88  
Hexachlorobutadiene  
Concen: 5.56 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 45268 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.1  | 50.6  | 76.0  |
| 227      | 65.0  | 50.7  | 76.1  |

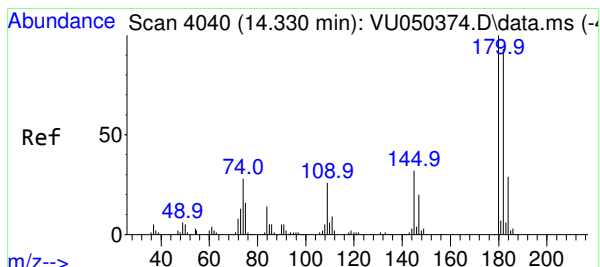
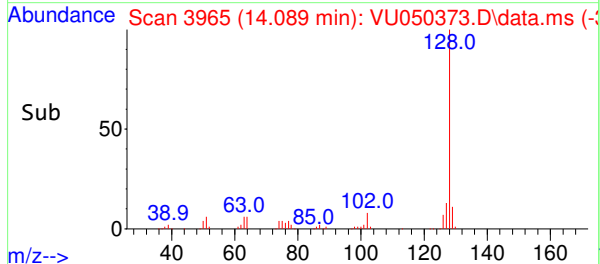
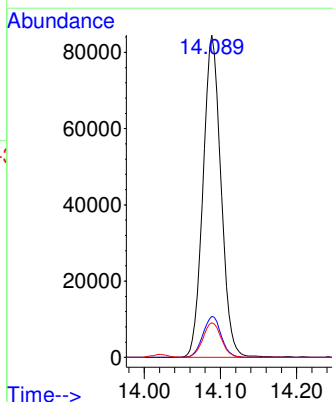
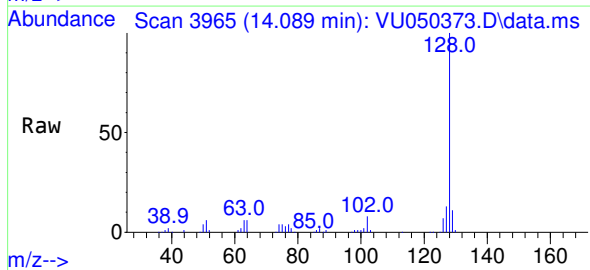




#89  
Naphthalene  
Concen: 4.44 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC005

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 138208 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.1  | 15.1   |
| 129      | 11.1  | 8.6   | 12.8   |



#90  
1,2,3-Trichlorobenzene  
Concen: 5.36 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU050373.D  
Acq: 19 Aug 2022 13:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 75987 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.5  | 76.6  | 114.8 |
| 145      | 31.9  | 27.3  | 40.9  |

