

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110521\  
 Data File : VU045599.D  
 Acq On : 06 Nov 2021 07:28  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Nov 06 21:56:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.375  | 168  | 122397   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.250  | 114  | 223963   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.420  | 117  | 218754   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.812 | 152  | 114337   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.703  | 65    | 97109    | 52.977   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 105.960% |      |
| 35) Dibromofluoromethane    | 5.292  | 113   | 74124    | 49.572   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.140%  |      |
| 50) Toluene-d8              | 7.899  | 98    | 283832   | 51.047   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 102.100% |      |
| 62) 4-Bromofluorobenzene    | 10.632 | 95    | 113487   | 50.900   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.800% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.385 | 85  | 83475  | 52.601  | ug/l | 99  |
| 3) Chloromethane             | 1.523 | 50  | 89848  | 49.483  | ug/l | 100 |
| 4) Vinyl Chloride            | 1.607 | 62  | 95094  | 53.763  | ug/l | 100 |
| 5) Bromomethane              | 1.848 | 94  | 58138  | 58.930  | ug/l | 99  |
| 6) Chloroethane              | 1.932 | 64  | 57658  | 49.950  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 2.141 | 101 | 122093 | 52.200  | ug/l | 100 |
| 8) Diethyl Ether             | 2.379 | 74  | 47505  | 51.310  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.584 | 101 | 68798  | 50.374  | ug/l | 96  |
| 10) Methyl Iodide            | 2.726 | 142 | 79625  | 44.551  | ug/l | 92  |
| 11) Tert butyl alcohol       | 3.173 | 59  | 98671  | 271.958 | ug/l | 100 |
| 12) 1,1-Dichloroethene       | 2.581 | 96  | 69433  | 51.563  | ug/l | 98  |
| 13) Acrolein                 | 2.488 | 56  | 16750  | 318.581 | ug/l | 98  |
| 14) Allyl chloride           | 2.925 | 41  | 123009 | 51.159  | ug/l | 98  |
| 15) Acrylonitrile            | 3.311 | 53  | 262699 | 271.192 | ug/l | 98  |
| 16) Acetone                  | 2.623 | 43  | 202788 | 217.326 | ug/l | 99  |
| 17) Carbon Disulfide         | 2.797 | 76  | 190999 | 50.639  | ug/l | 100 |
| 18) Methyl Acetate           | 2.945 | 43  | 195099 | 61.387  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 3.366 | 73  | 258595 | 53.350  | ug/l | 98  |
| 20) Methylene Chloride       | 3.047 | 84  | 82436  | 50.844  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 3.356 | 96  | 75418  | 53.835  | ug/l | 98  |
| 22) Diisopropyl ether        | 3.996 | 45  | 253942 | 53.789  | ug/l | 92  |
| 23) Vinyl Acetate            | 3.957 | 43  | 945282 | 260.332 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 3.874 | 63  | 149410 | 53.108  | ug/l | 99  |
| 25) 2-Butanone               | 4.700 | 43  | 330640 | 255.482 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 4.668 | 77  | 97517  | 41.830  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 4.668 | 96  | 87717  | 53.310  | ug/l | 98  |
| 28) Bromochloromethane       | 4.977 | 49  | 70964  | 52.909  | ug/l | 99  |
| 29) Tetrahydrofuran          | 5.047 | 42  | 208400 | 263.255 | ug/l | 99  |
| 30) Chloroform               | 5.092 | 83  | 147503 | 53.013  | ug/l | 99  |
| 31) Cyclohexane              | 5.391 | 56  | 134531 | 50.300  | ug/l | 100 |
| 32) 1,1,1-Trichloroethane    | 5.321 | 97  | 129490 | 54.574  | ug/l | 97  |
| 36) 1,1-Dichloropropene      | 5.530 | 75  | 109386 | 50.090  | ug/l | 100 |
| 37) Ethyl Acetate            | 4.803 | 43  | 121938 | 48.609  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 5.526 | 117 | 110548 | 50.212  | ug/l | 98  |
| 39) Methylcyclohexane        | 6.764 | 83  | 132683 | 49.525  | ug/l | 95  |
| 40) Benzene                  | 5.777 | 78  | 319911 | 49.480  | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110521\  
 Data File : VU045599.D  
 Acq On : 06 Nov 2021 07:28  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 06 21:56:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.973  | 41   | 69365    | 52.324   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 119419   | 51.135   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 5.912  | 43   | 192791   | 50.246   | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 78289    | 50.586   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 88221    | 51.568   | ug/l   | 98       |
| 46) Dibromomethane            | 6.919  | 93   | 60908    | 51.383   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 118388   | 52.637   | ug/l   | 97       |
| 48) Methyl methacrylate       | 6.960  | 41   | 92520    | 52.389   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 6.960  | 88   | 49263    | 1084.696 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 661461   | 261.336  | ug/l   | 99       |
| 52) Toluene                   | 7.970  | 92   | 207346   | 52.382   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 131116   | 50.724   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 139741   | 50.897   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 85905    | 52.364   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 139094   | 47.402   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 150699   | 51.002   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 354081   | 234.441  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.684  | 43   | 512216   | 233.100  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.812  | 129  | 89184    | 52.208   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 89996    | 51.149   | ug/l   | 100      |
| 64) Tetrachloroethene         | 8.555  | 164  | 65278    | 51.992   | ug/l   | 97       |
| 65) Chlorobenzene             | 9.449  | 112  | 216642   | 50.418   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 78832    | 51.440   | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.571  | 91   | 402845   | 52.352   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.697  | 106  | 308679   | 106.367  | ug/l   | 100      |
| 69) o-Xylene                  | 10.102 | 106  | 149679   | 53.052   | ug/l   | 99       |
| 70) Styrene                   | 10.115 | 104  | 259436   | 54.354   | ug/l   | 99       |
| 71) Bromoform                 | 10.291 | 173  | 67694    | 46.875   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 398791   | 53.381   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 173425   | 51.459   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 151315   | 51.122   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 171900   | 49.577   | ug/l   | 94       |
| 77) Bromobenzene              | 10.783 | 156  | 93578    | 51.591   | ug/l   | 97       |
| 78) n-propylbenzene           | 10.906 | 91   | 487425   | 52.422   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 288890   | 52.589   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 345012   | 52.858   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 44678    | 42.678   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 335973   | 52.150   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.420 | 119  | 329290   | 52.923   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 348860   | 53.777   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.645 | 105  | 436894   | 52.944   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 360894   | 52.336   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 183408   | 50.116   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 186012   | 50.255   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.208 | 91   | 338257   | 50.922   | ug/l   | 100      |
| 90) Hexachloroethane          | 12.478 | 117  | 63839    | 51.319   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 183851   | 51.635   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 36909    | 52.847   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 124294   | 50.487   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 50123    | 47.166   | ug/l   | 99       |
| 95) Naphthalene               | 14.086 | 128  | 468559   | 50.613   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 126942   | 51.912   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110521\  
Data File : VU045599.D  
Acq On : 06 Nov 2021 07:28  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 54 Sample Multiplier: 1

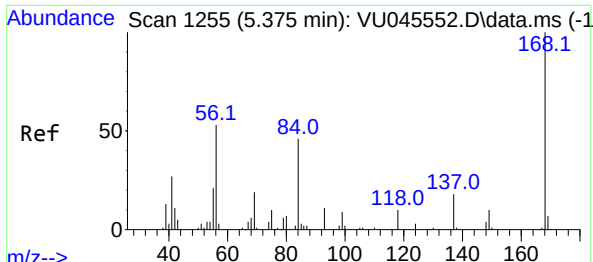
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Nov 06 21:56:42 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

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

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

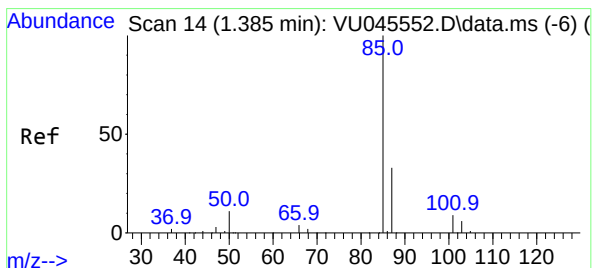
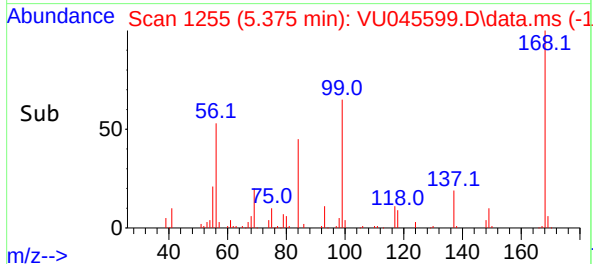
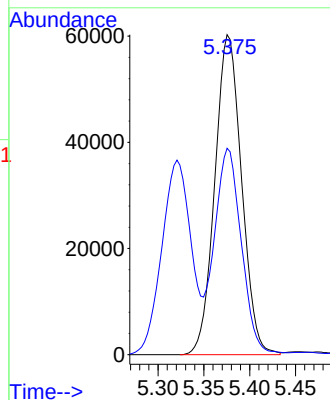
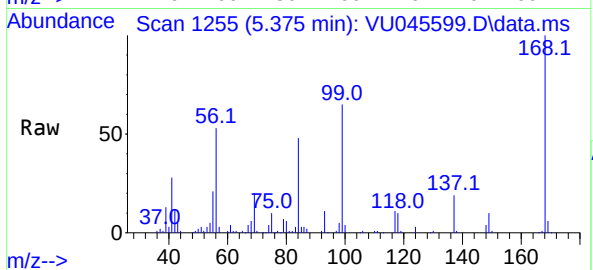




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.375 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

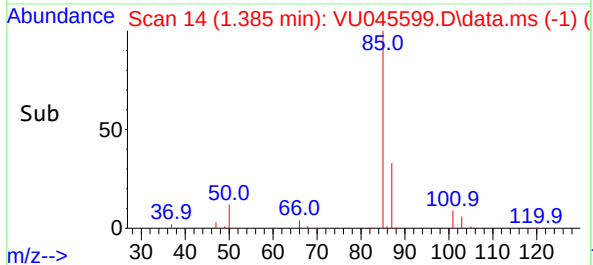
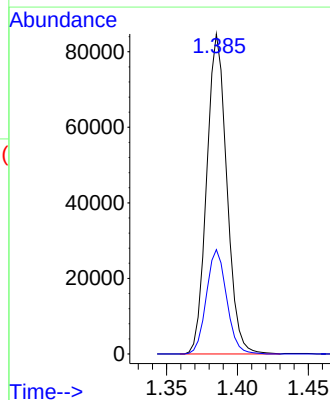
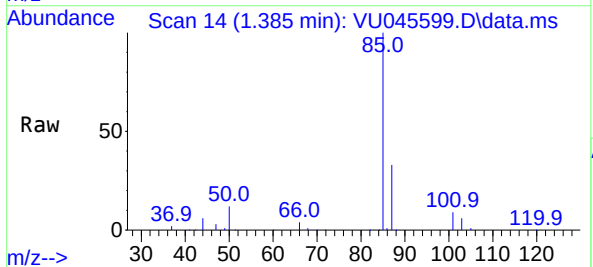
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

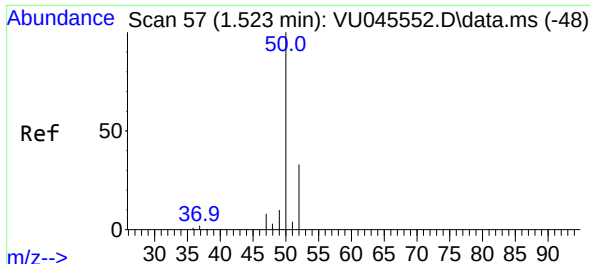
Tgt Ion:168 Resp: 122397  
Ion Ratio Lower Upper  
168 100  
99 63.8 51.0 76.6



#2  
Dichlorodifluoromethane  
Concen: 52.601 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 85 Resp: 83475  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.9 47.7

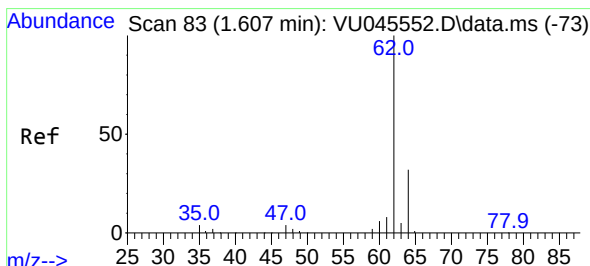
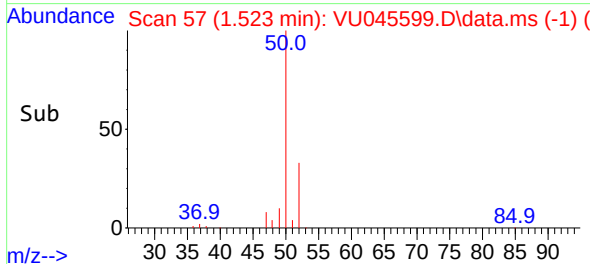
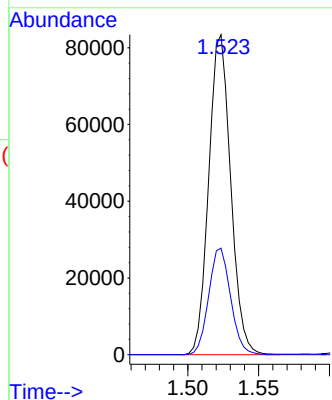
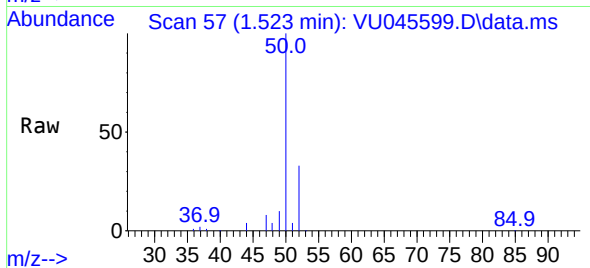




#3  
Chloromethane  
Concen: 49.483 ug/l  
RT: 1.523 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

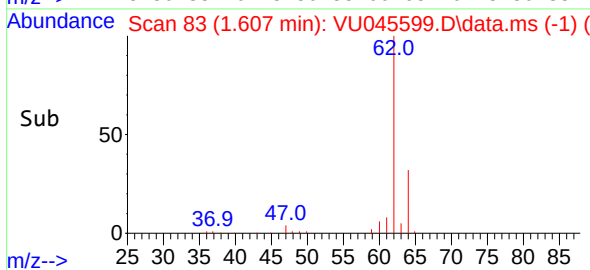
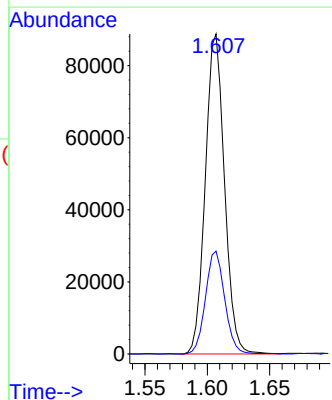
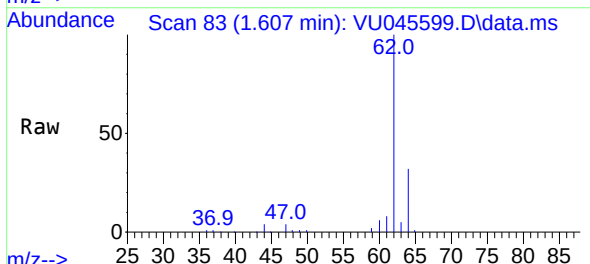
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

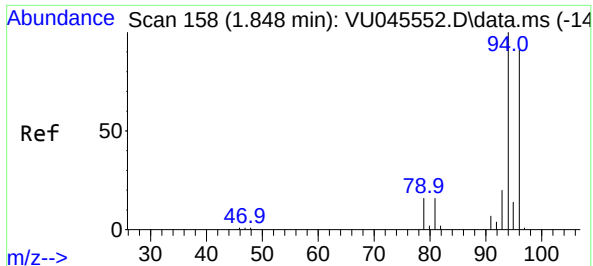
Tgt Ion: 50 Resp: 89848  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.6 40.0



#4  
Vinyl Chloride  
Concen: 53.763 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 62 Resp: 95094  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.8 38.6

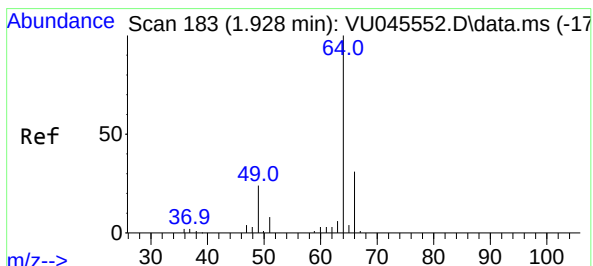
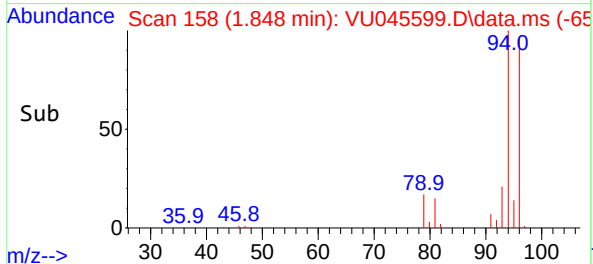
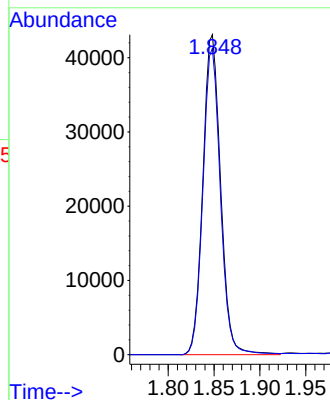
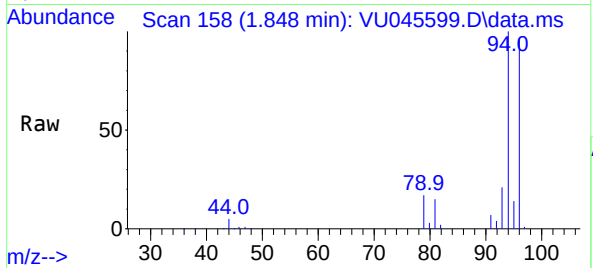




#5  
Bromomethane  
Concen: 58.930 ug/l  
RT: 1.848 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

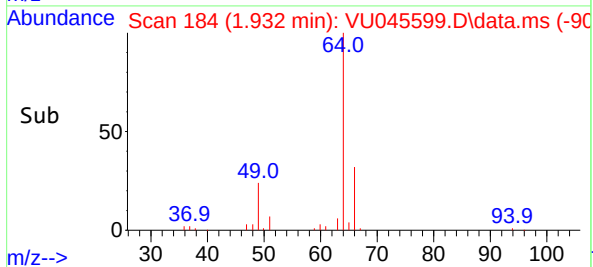
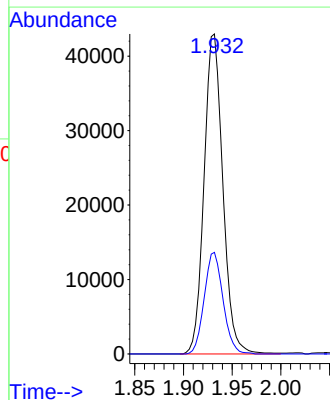
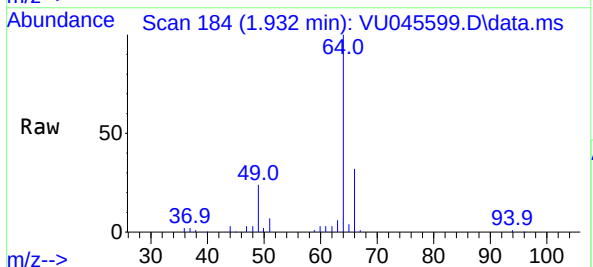
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

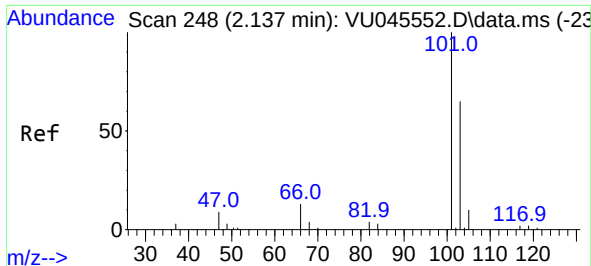
Tgt Ion: 94 Resp: 58138  
Ion Ratio Lower Upper  
94 100  
96 95.7 75.4 113.2



#6  
Chloroethane  
Concen: 49.950 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. 0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 64 Resp: 57658  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.7 40.1

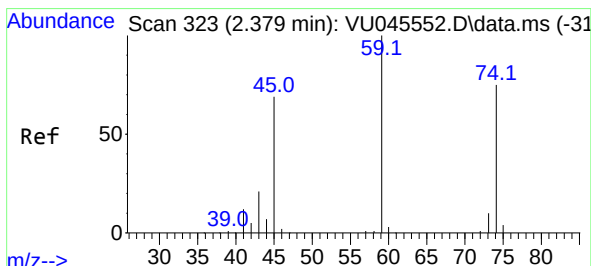
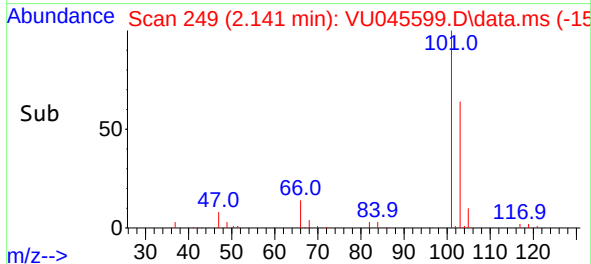
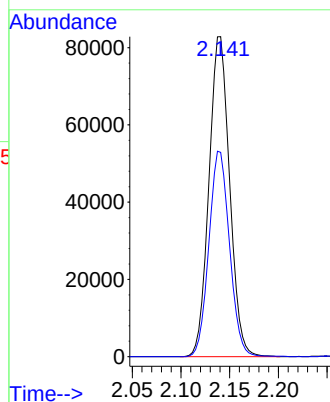
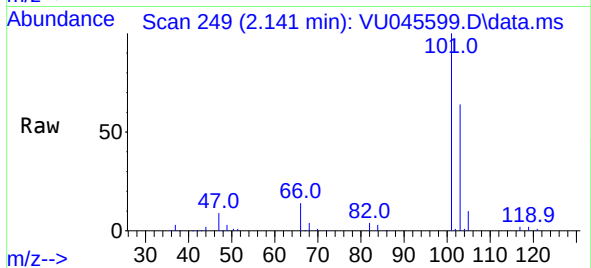




#7  
Trichlorofluoromethane  
Concen: 52.200 ug/l  
RT: 2.141 min Scan# 248  
Delta R.T. 0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

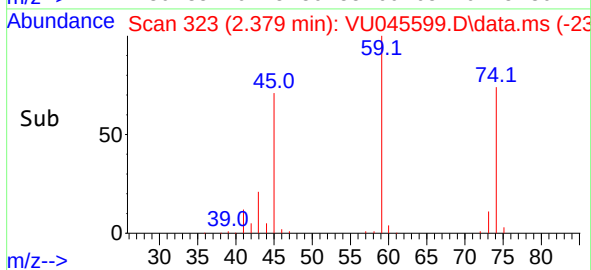
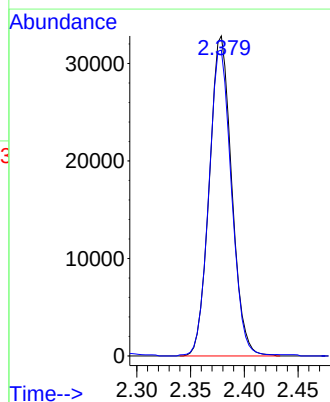
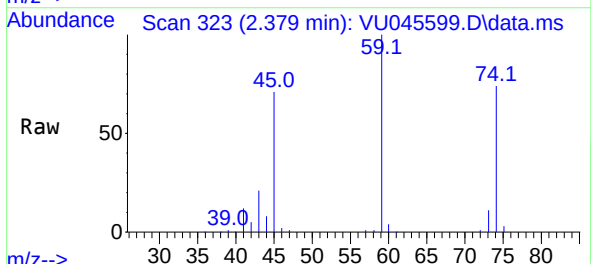
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 122093  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.4 77.0



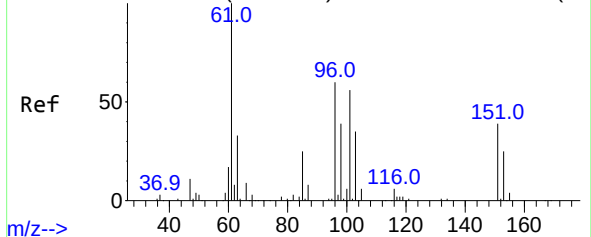
#8  
Diethyl Ether  
Concen: 51.310 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 74 Resp: 47505  
Ion Ratio Lower Upper  
74 100  
45 96.9 47.3 141.8

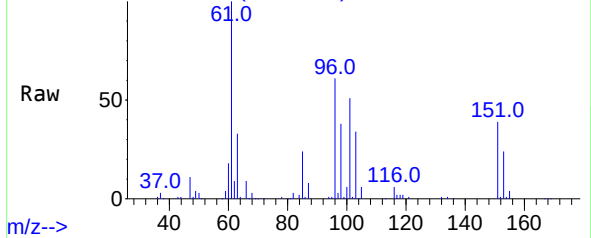




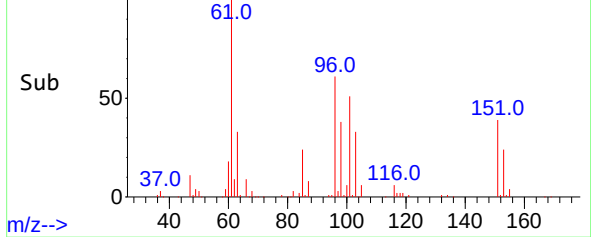
Abundance Scan 387 (2.584 min): VU045552.D\data.ms (-37



m/z--> Scan 387 (2.584 min): VU045599.D\data.ms

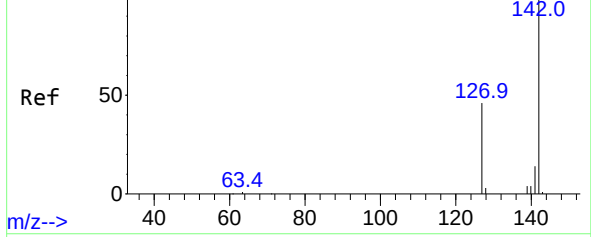


Abundance Scan 387 (2.584 min): VU045599.D\data.ms (-29

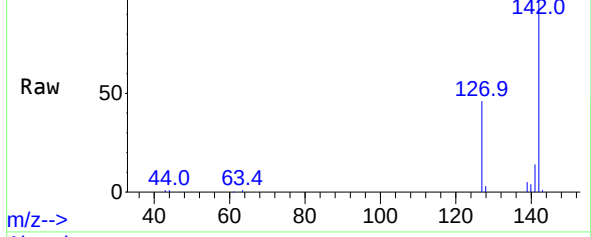


m/z-->

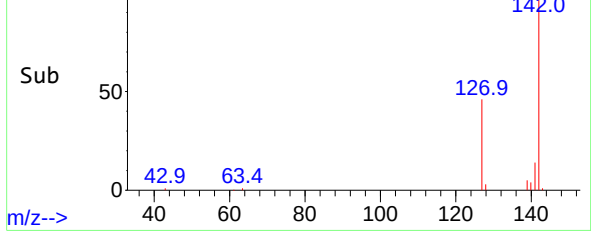
Abundance Scan 431 (2.726 min): VU045552.D\data.ms (-41



m/z--> Scan 431 (2.726 min): VU045599.D\data.ms



Abundance Scan 431 (2.726 min): VU045599.D\data.ms (-35



m/z-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.374 ug/l

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 68798

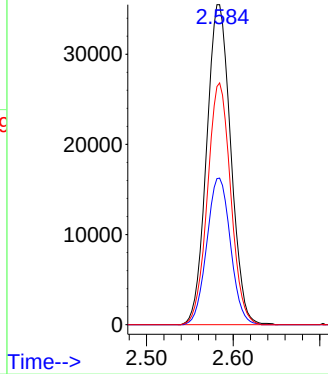
Ion Ratio Lower Upper

101 100

85 44.9 35.0 52.4

151 72.7 54.6 82.0

Abundance



Time-->

#10

Methyl Iodide

Concen: 44.551 ug/l

RT: 2.726 min Scan# 431

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion:142 Resp: 79625

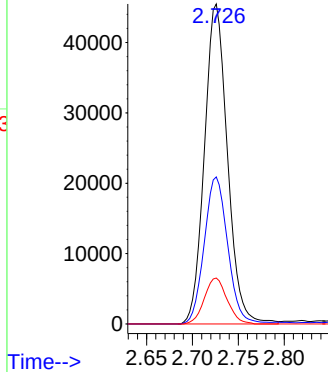
Ion Ratio Lower Upper

142 100

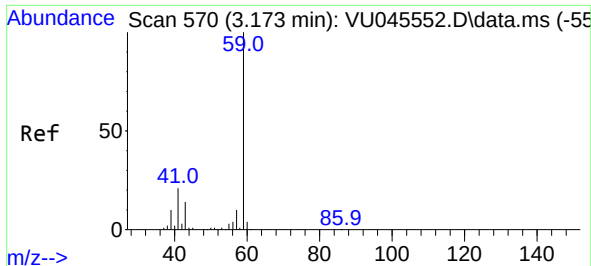
127 46.7 32.2 48.2

141 14.2 11.3 16.9

Abundance



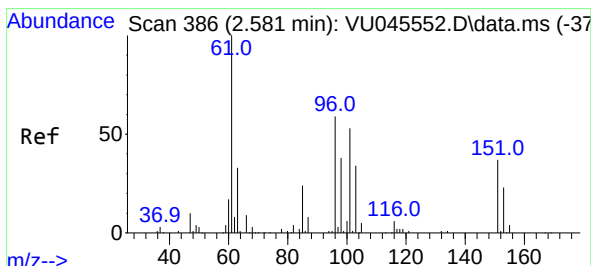
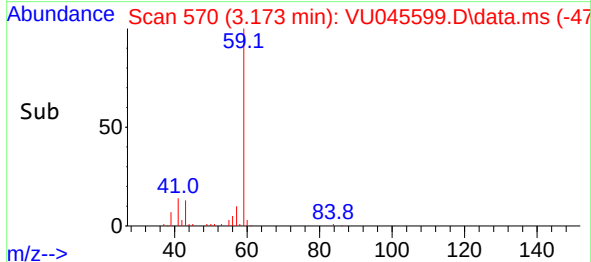
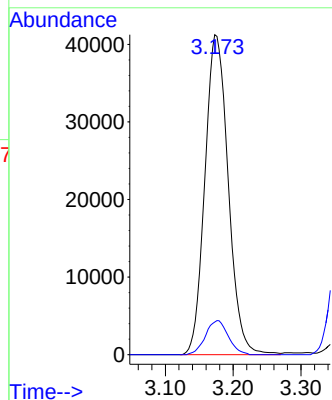
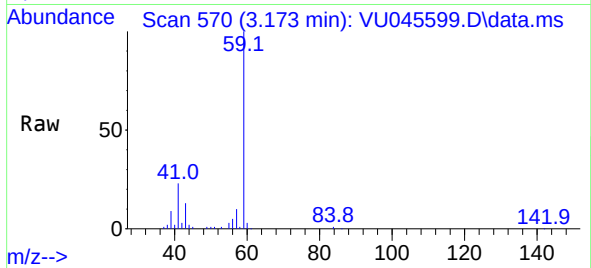
Time-->



#11  
Tert butyl alcohol  
Concen: 271.958 ug/l  
RT: 3.173 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

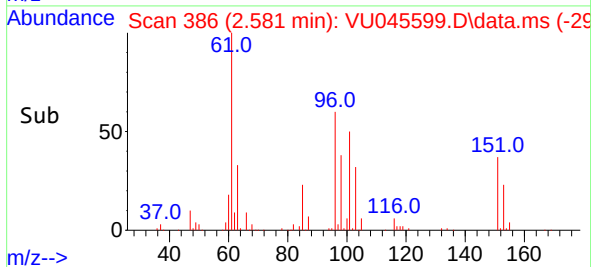
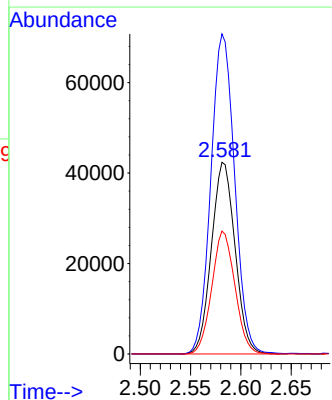
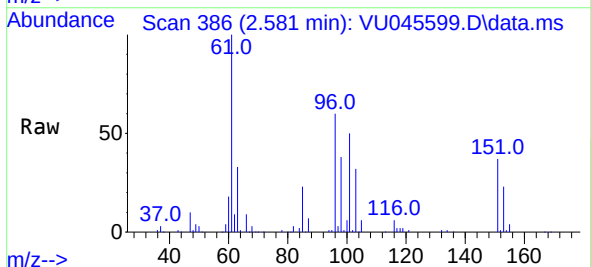
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

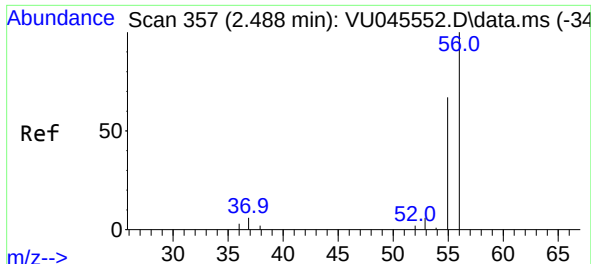
Tgt Ion: 59 Resp: 98671  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 51.563 ug/l  
RT: 2.581 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 96 Resp: 69433  
Ion Ratio Lower Upper  
96 100  
61 167.0 137.1 205.7  
98 64.1 51.5 77.3

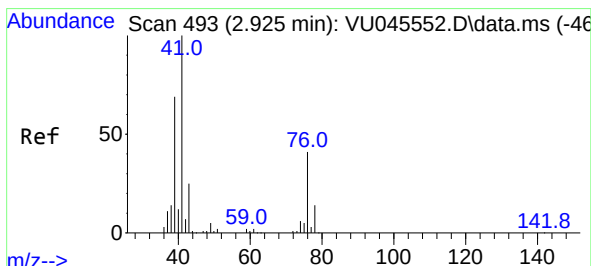
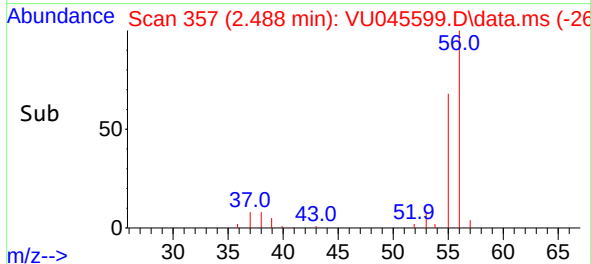
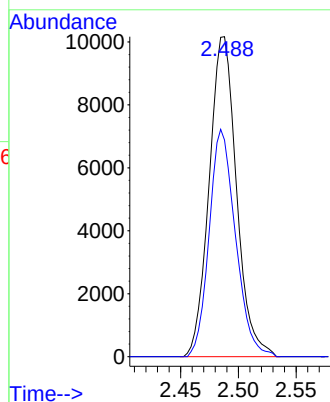
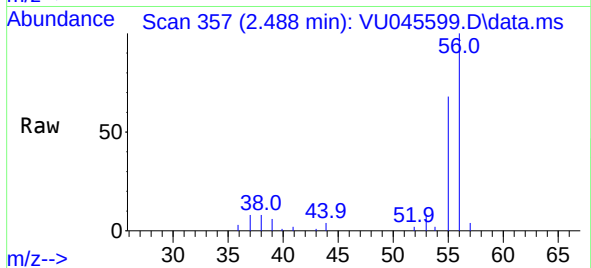




#13  
Acrolein  
Concen: 318.581 ug/l  
RT: 2.488 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

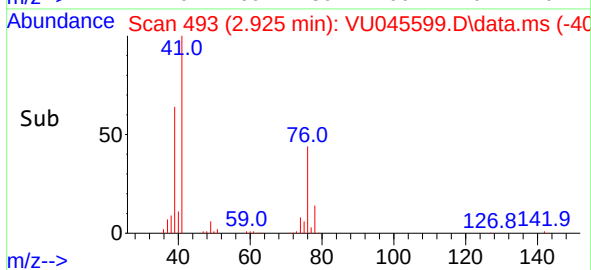
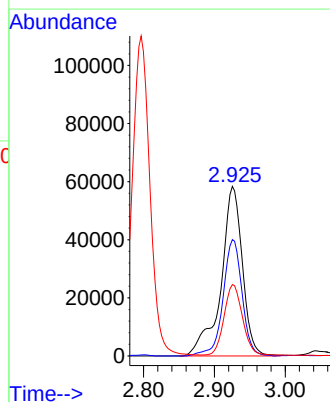
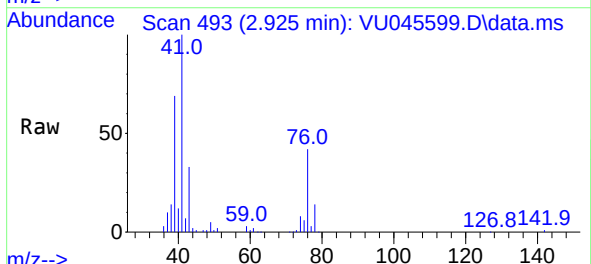
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

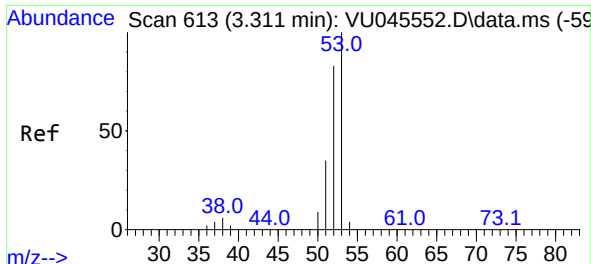
Tgt Ion: 56 Resp: 16750  
Ion Ratio Lower Upper  
56 100  
55 68.4 56.3 84.5



#14  
Allyl chloride  
Concen: 51.159 ug/l  
RT: 2.925 min Scan# 493  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 41 Resp: 123009  
Ion Ratio Lower Upper  
41 100  
39 60.7 49.7 74.5  
76 36.2 27.7 41.5

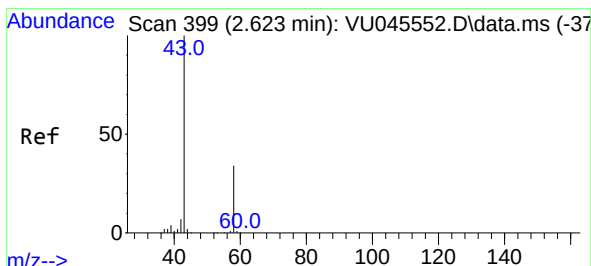
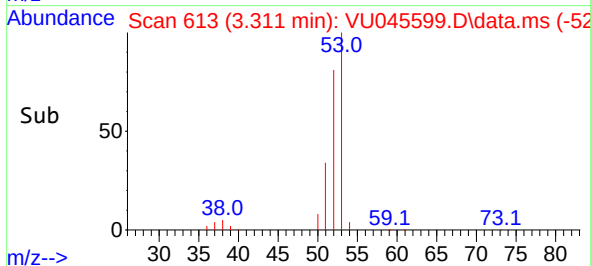
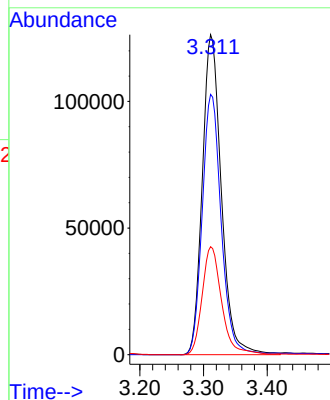
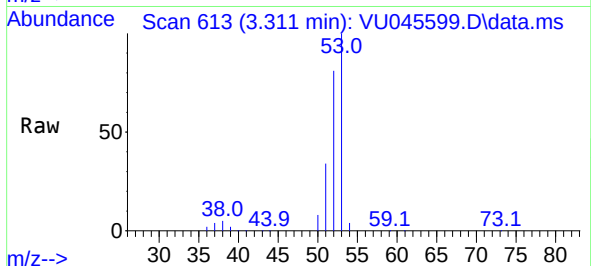




#15  
Acrylonitrile  
Concen: 271.192 ug/l  
RT: 3.311 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

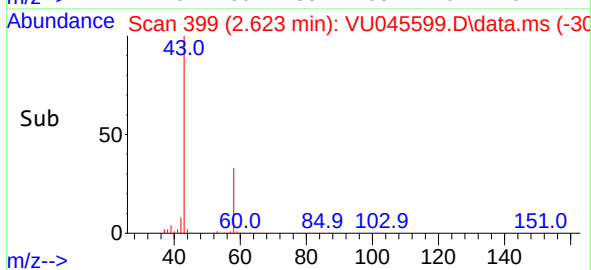
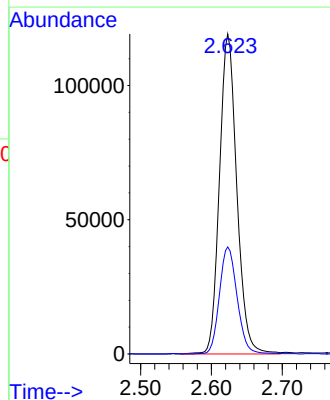
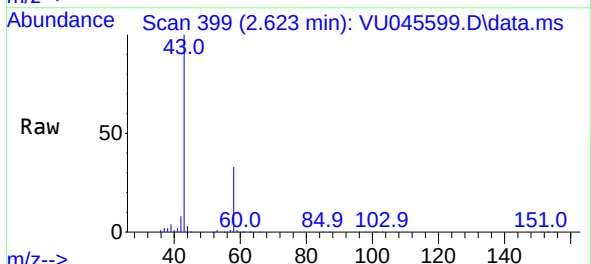
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

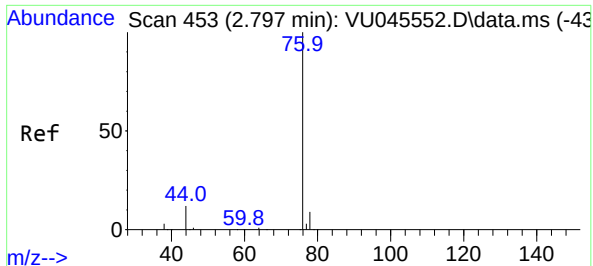
Tgt Ion: 53 Resp: 262699  
Ion Ratio Lower Upper  
53 100  
52 80.8 66.6 100.0  
51 34.4 28.4 42.6



#16  
Acetone  
Concen: 217.326 ug/l  
RT: 2.623 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 43 Resp: 202788  
Ion Ratio Lower Upper  
43 100  
58 33.3 26.2 39.2

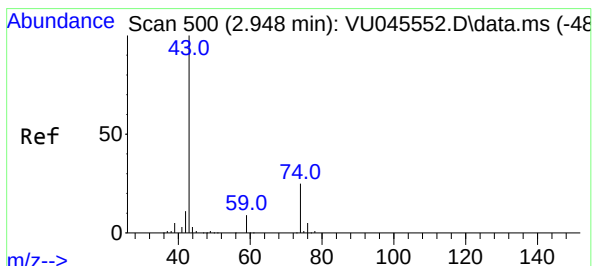
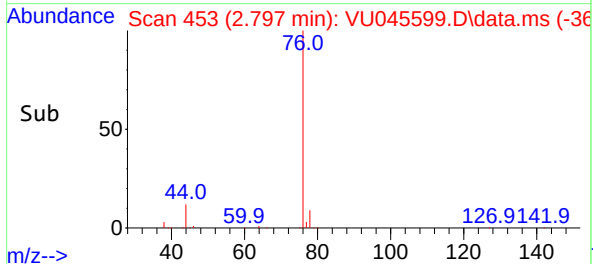
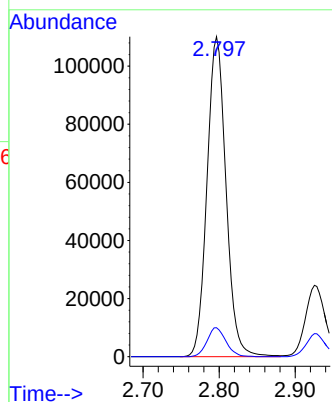
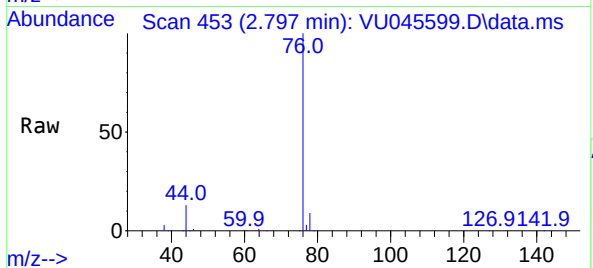




#17  
Carbon Disulfide  
Concen: 50.639 ug/l  
RT: 2.797 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

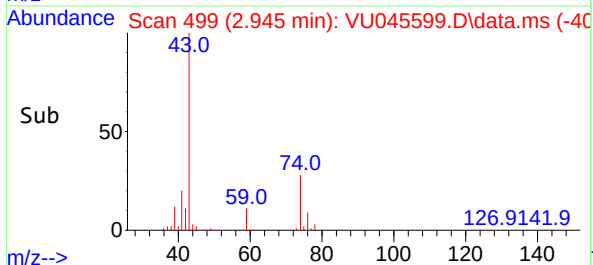
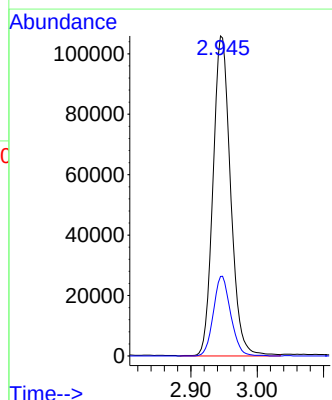
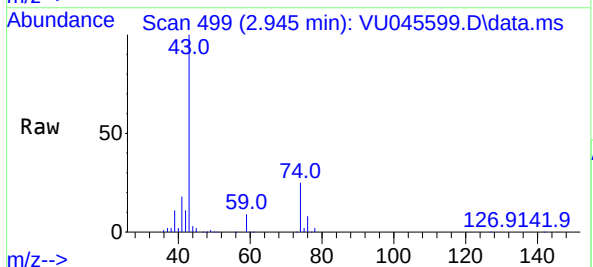
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

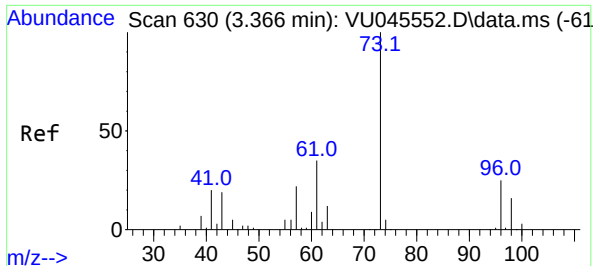
Tgt Ion: 76 Resp: 190999  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 61.387 ug/l  
RT: 2.945 min Scan# 499  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 43 Resp: 195099  
Ion Ratio Lower Upper  
43 100  
74 24.6 20.2 30.2

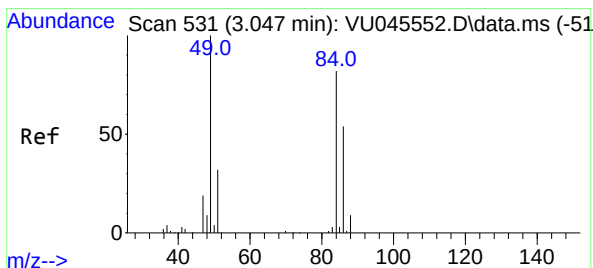
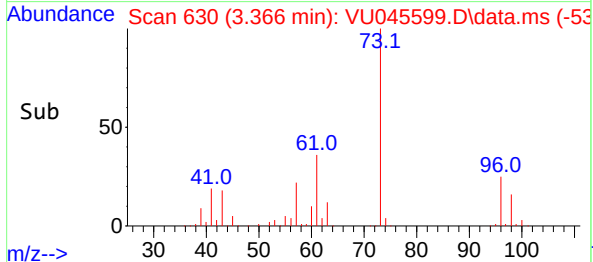
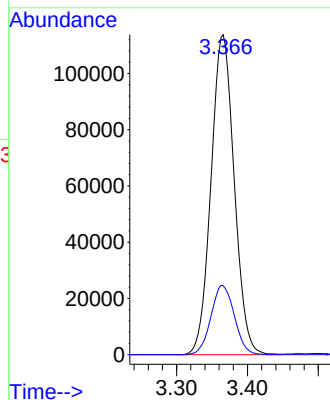
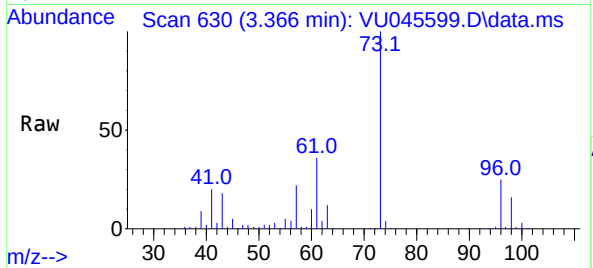




#19  
Methyl tert-butyl Ether  
Concen: 53.350 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

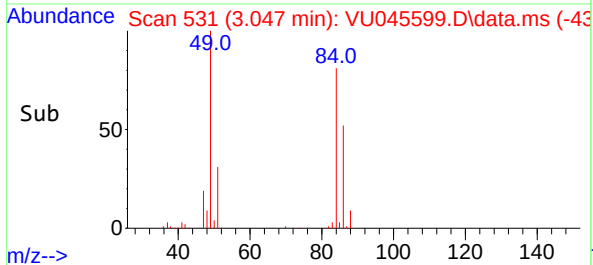
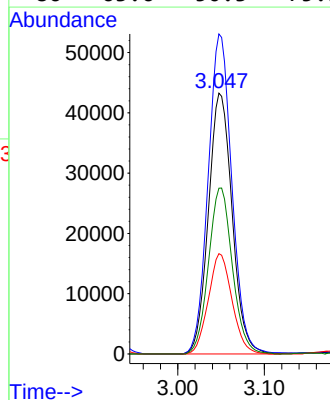
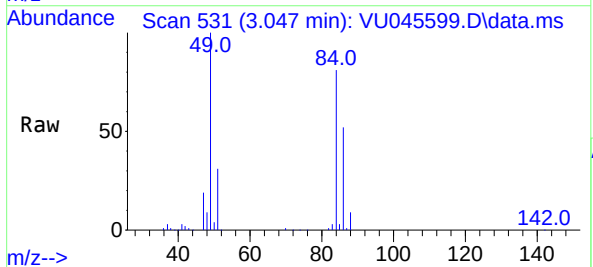
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

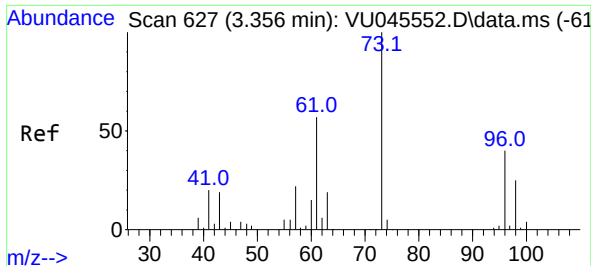
Tgt Ion: 73 Resp: 258595  
Ion Ratio Lower Upper  
73 100  
57 21.5 18.1 27.1



#20  
Methylene Chloride  
Concen: 50.844 ug/l  
RT: 3.047 min Scan# 531  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 84 Resp: 82436  
Ion Ratio Lower Upper  
84 100  
49 122.7 96.4 144.6  
51 38.5 30.5 45.7  
86 63.6 50.3 75.5

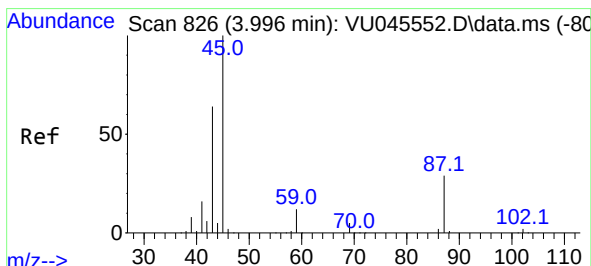
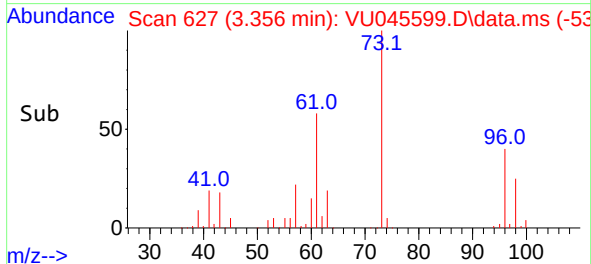
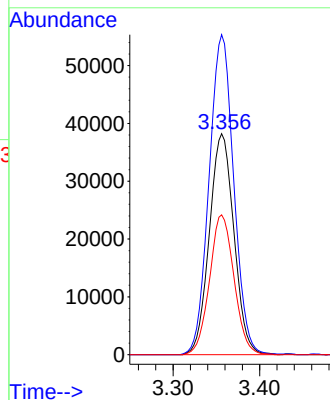
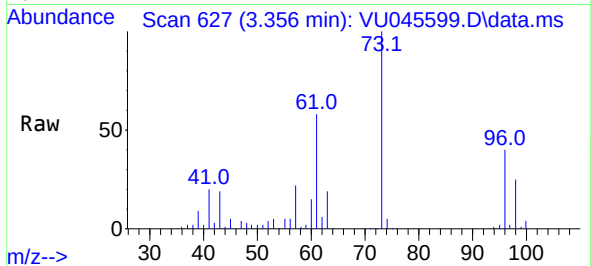




#21  
trans-1,2-Dichloroethene  
Concen: 53.835 ug/l  
RT: 3.356 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

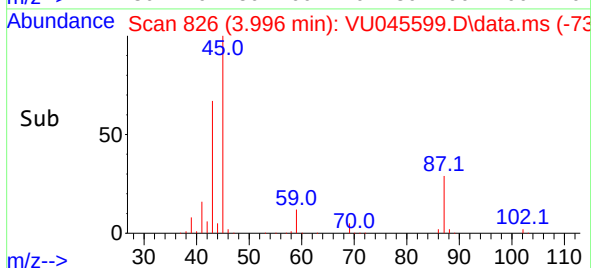
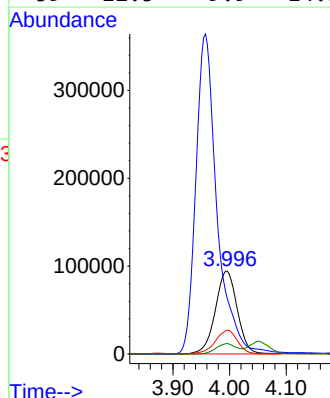
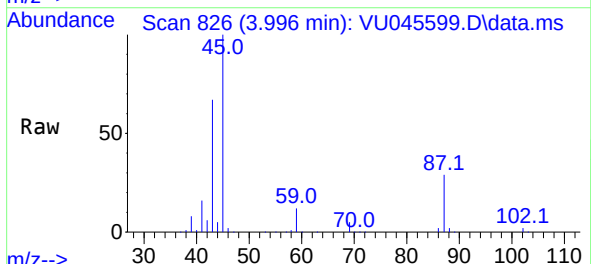
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

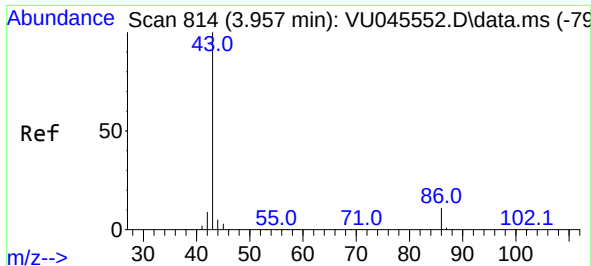
Tgt Ion: 96 Resp: 75418  
Ion Ratio Lower Upper  
96 100  
61 144.8 118.2 177.4  
98 63.3 52.1 78.1



#22  
Diisopropyl ether  
Concen: 53.789 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 45 Resp: 253942  
Ion Ratio Lower Upper  
45 100  
43 65.0 60.0 90.0  
87 28.9 22.3 33.5  
59 12.5 9.9 14.9

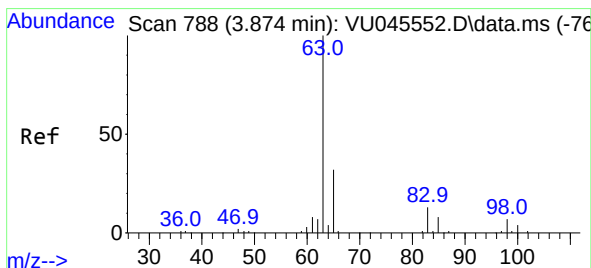
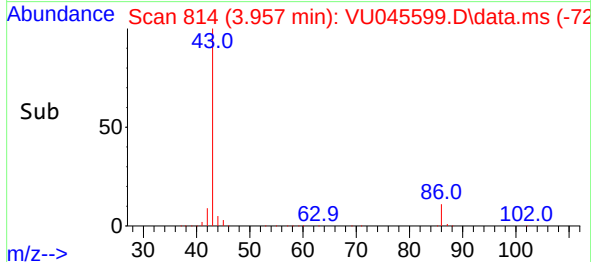
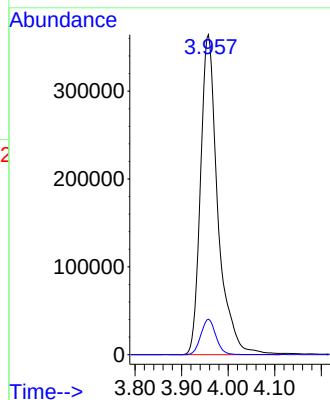
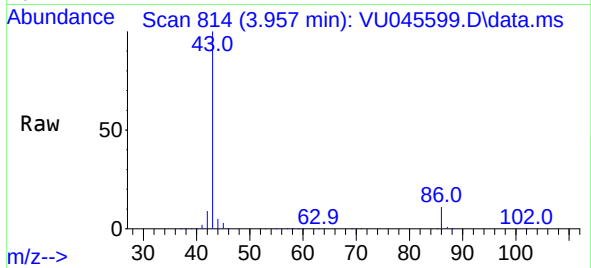




#23  
 Vinyl Acetate  
 Concen: 260.332 ug/l  
 RT: 3.957 min Scan# 814  
 Delta R.T. 0.000 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

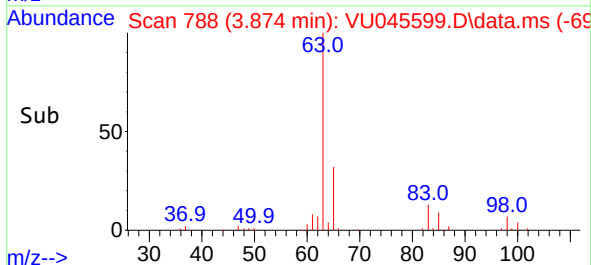
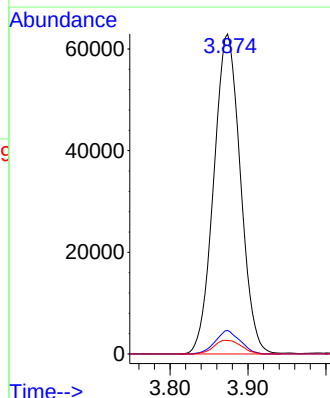
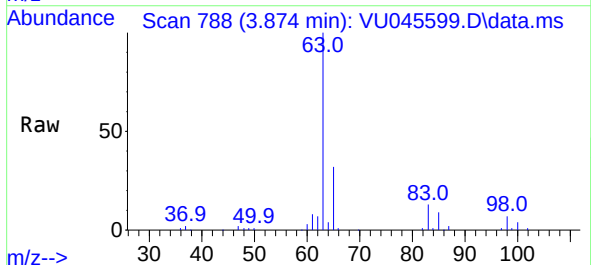
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 945282  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3

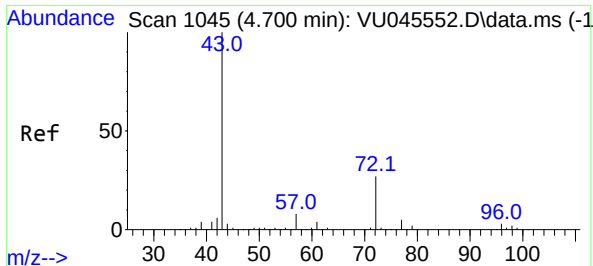


#24  
 1,1-Dichloroethane  
 Concen: 53.108 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. 0.000 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

Tgt Ion: 63 Resp: 149410  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.6  
 100 4.2 2.4 7.2



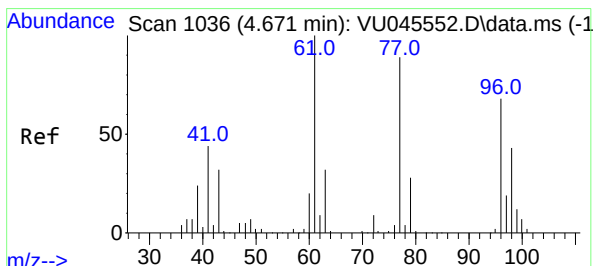
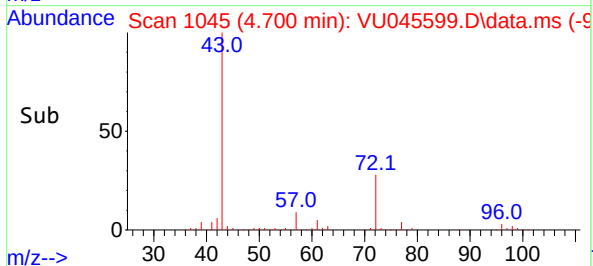
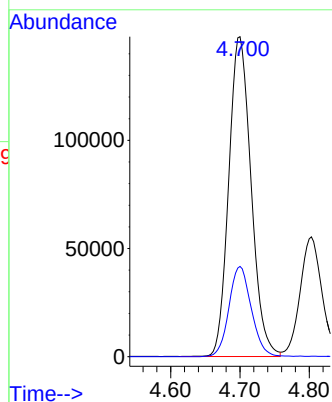
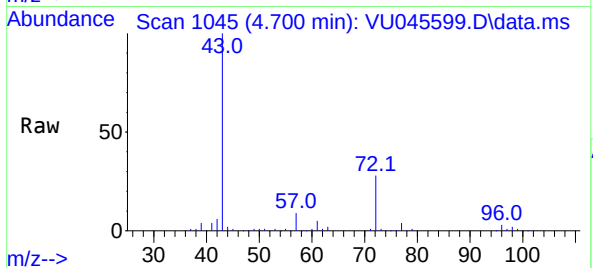




#25  
2-Butanone  
Concen: 255.482 ug/l  
RT: 4.700 min Scan# 1045  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

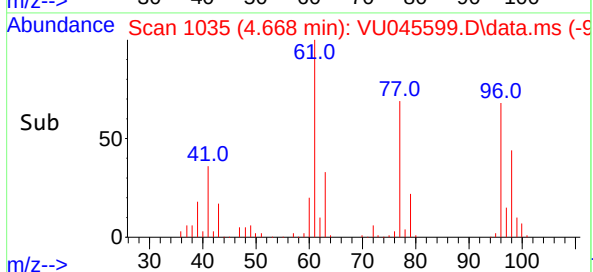
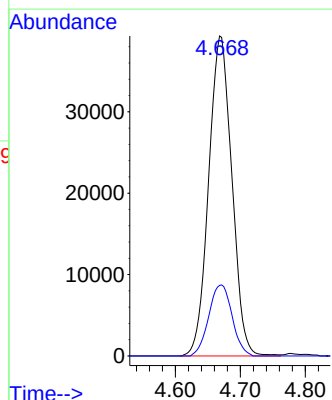
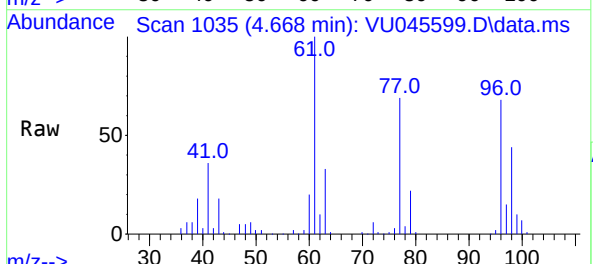
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

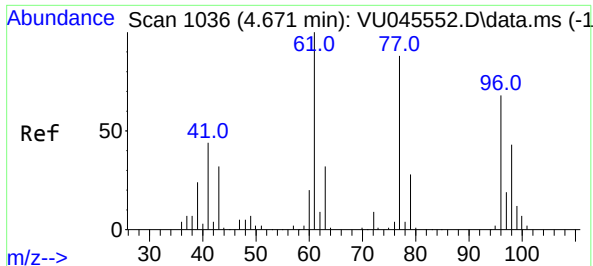
Tgt Ion: 43 Resp: 330640  
Ion Ratio Lower Upper  
43 100  
72 28.2 22.0 33.0



#26  
2,2-Dichloropropane  
Concen: 41.830 ug/l  
RT: 4.668 min Scan# 1035  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 77 Resp: 97517  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.1



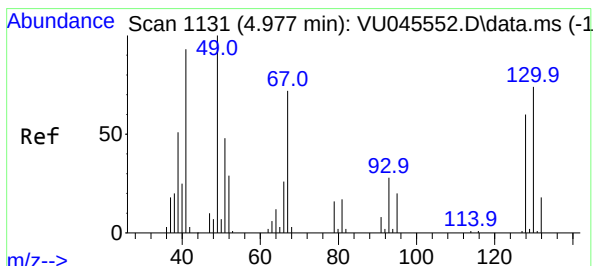
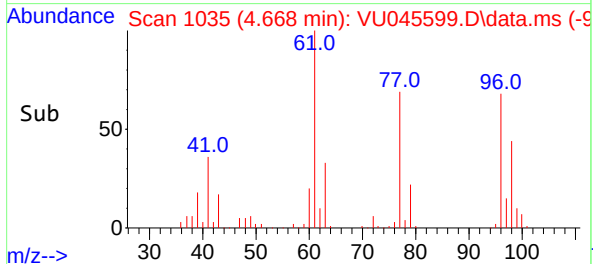
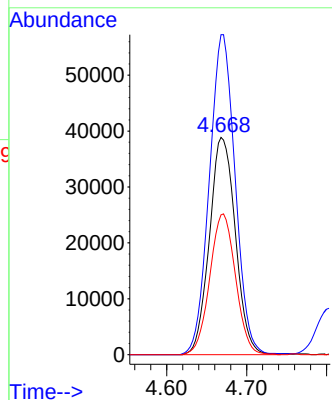
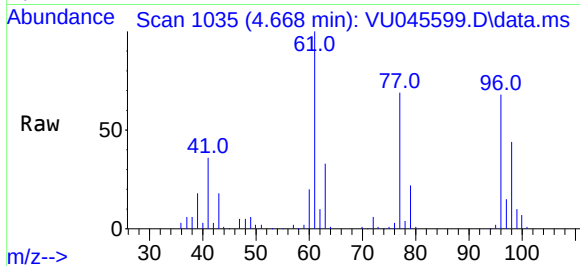


#27  
 cis-1,2-Dichloroethene  
 Concen: 53.310 ug/l  
 RT: 4.668 min Scan# 1035  
 Delta R.T. -0.003 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 87717  

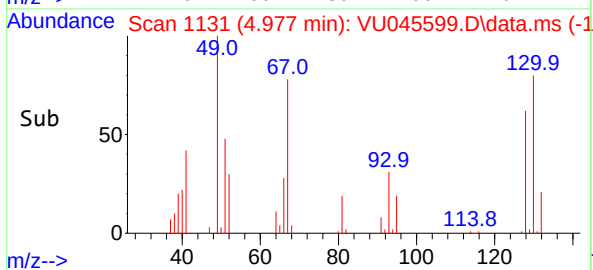
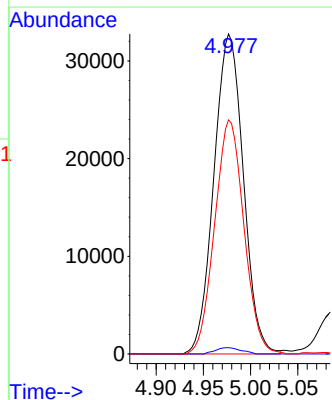
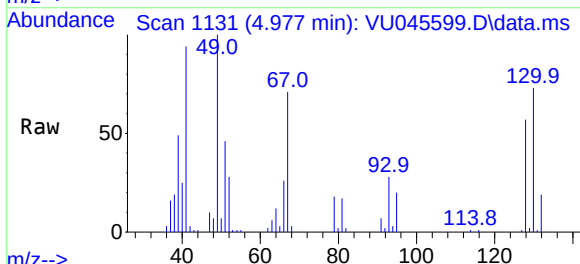
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.5 | 0.0   | 299.2 |
| 98  | 64.3  | 0.0   | 127.6 |

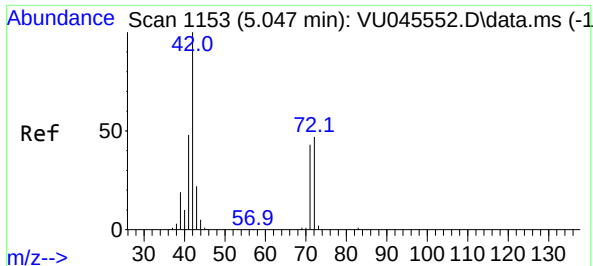


#28  
 Bromochloromethane  
 Concen: 52.909 ug/l  
 RT: 4.977 min Scan# 1131  
 Delta R.T. 0.000 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

Tgt Ion: 49 Resp: 70964  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.7   | 0.0   | 3.4   |
| 130 | 72.6  | 57.5  | 86.3  |





#29

Tetrahydrofuran

Concen: 263.255 ug/l

RT: 5.047 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

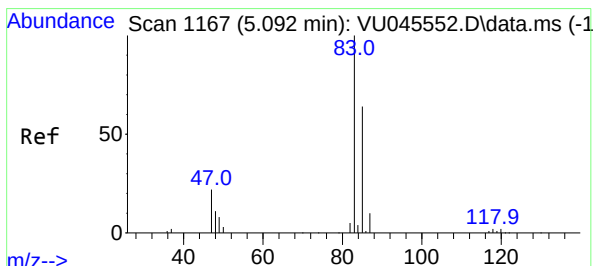
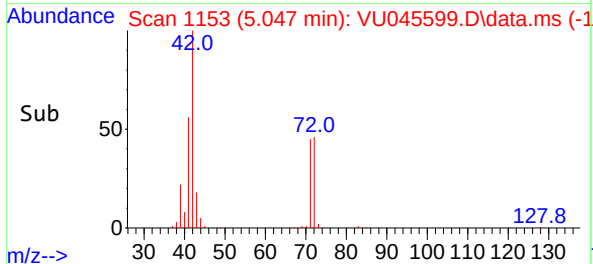
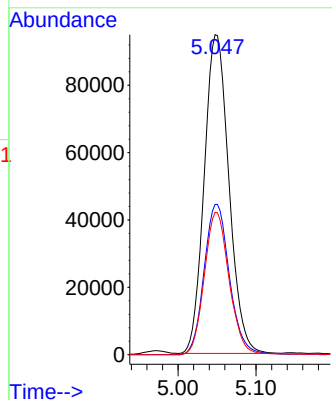
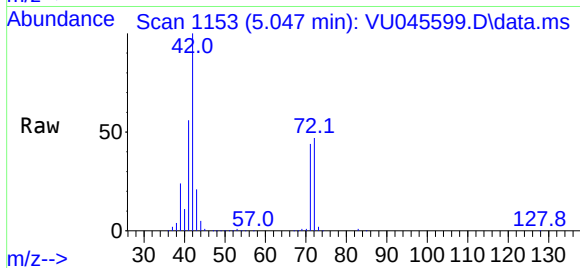
Tgt Ion: 42 Resp: 208400

Ion Ratio Lower Upper

42 100

72 48.4 38.2 57.4

71 44.9 35.4 53.2



#30

Chloroform

Concen: 53.013 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045599.D

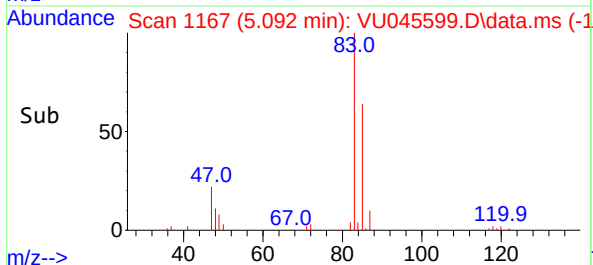
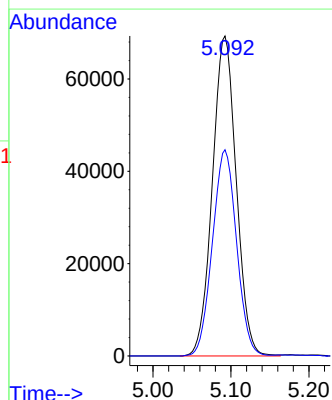
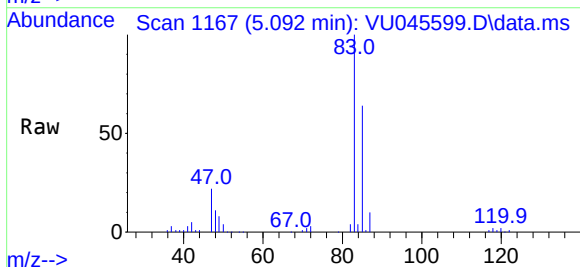
Acq: 06 Nov 2021 07:28

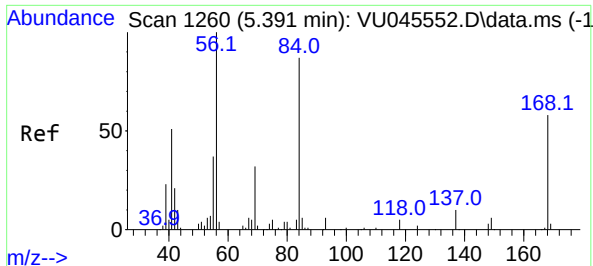
Tgt Ion: 83 Resp: 147503

Ion Ratio Lower Upper

83 100

85 64.4 52.0 78.0

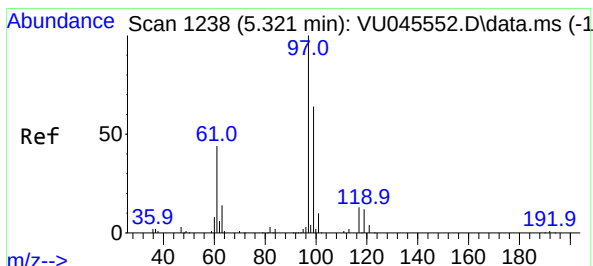
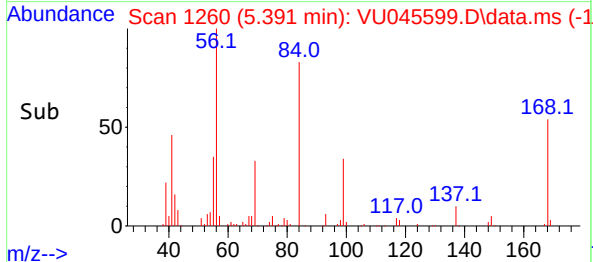
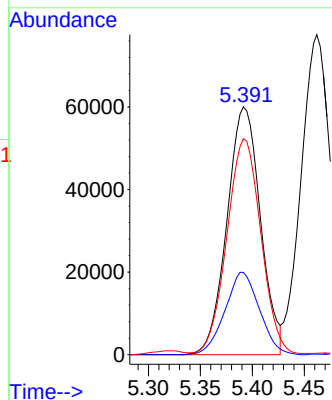
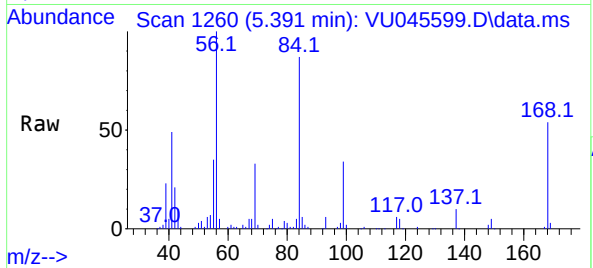




#31  
Cyclohexane  
Concen: 50.300 ug/l  
RT: 5.391 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

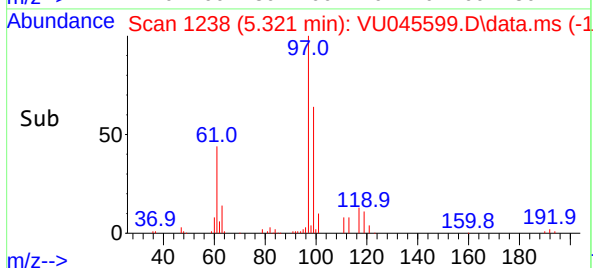
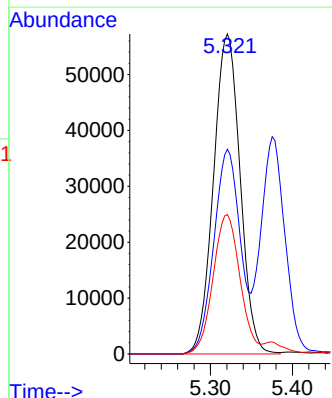
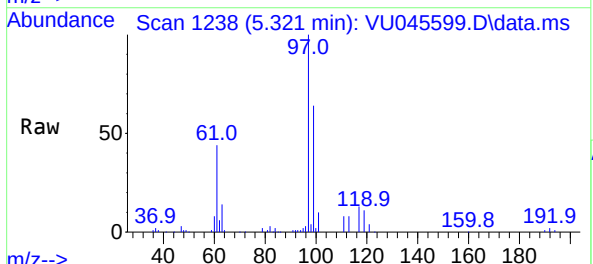
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

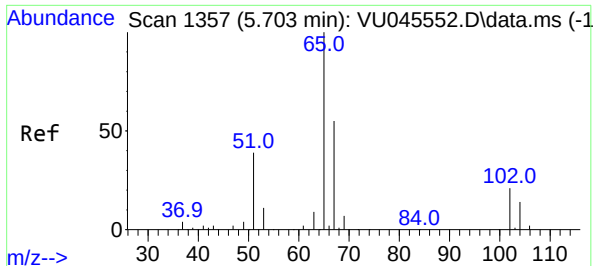
Tgt Ion: 56 Resp: 134531  
Ion Ratio Lower Upper  
56 100  
69 33.2 26.4 39.6  
84 86.0 68.4 102.6



#32  
1,1,1-Trichloroethane  
Concen: 54.574 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 97 Resp: 129490  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.8 76.2  
61 44.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 52.977 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

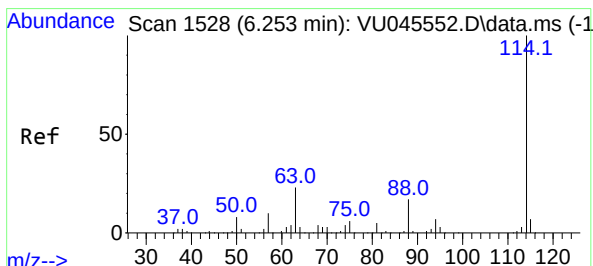
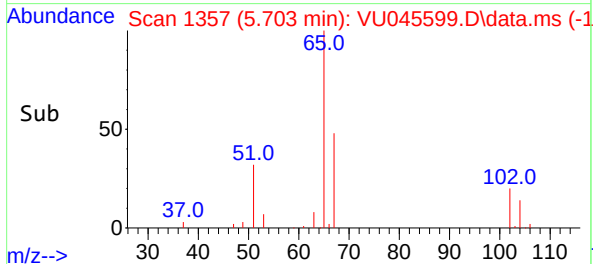
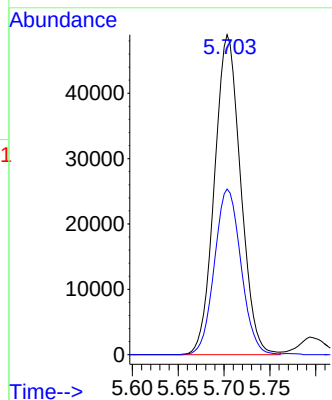
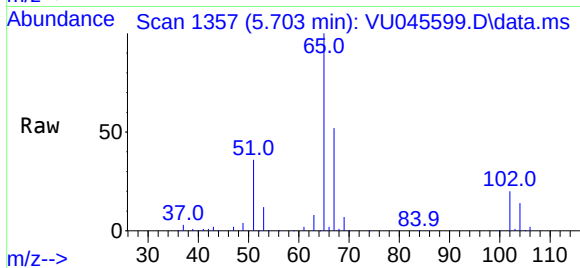
VSTDCCC050EC

Tgt Ion: 65 Resp: 97109

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

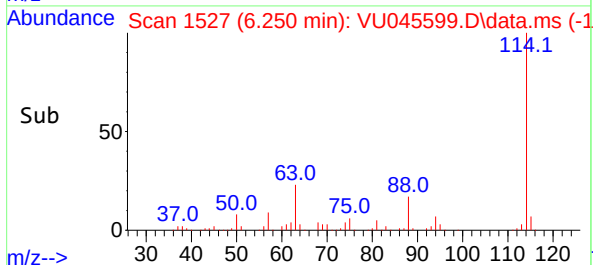
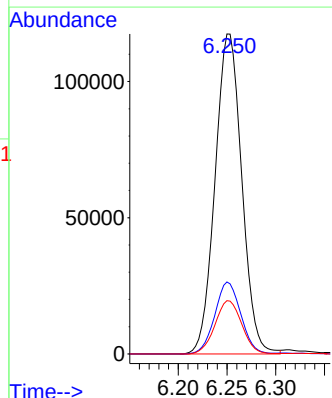
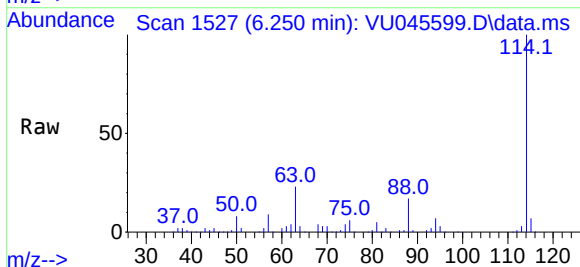
Tgt Ion: 114 Resp: 223963

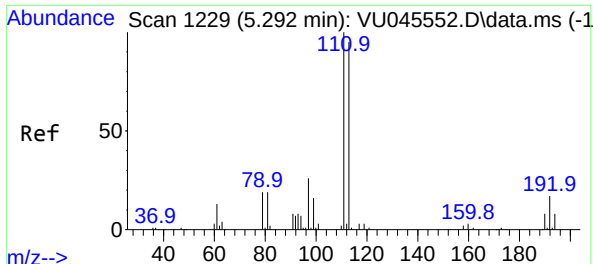
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 16.7 0.0 33.8

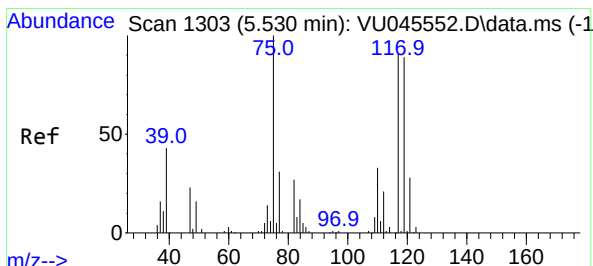
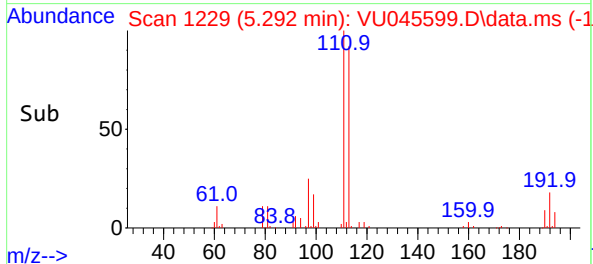
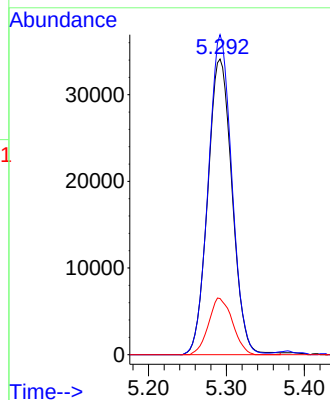
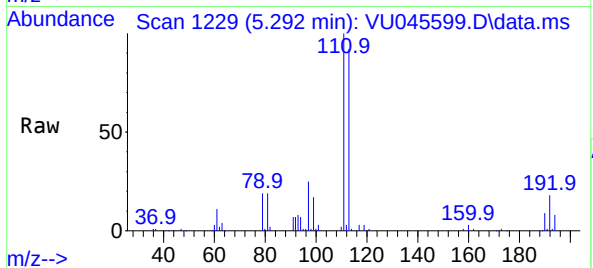




#35  
Dibromofluoromethane  
Concen: 49.572 ug/l  
RT: 5.292 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

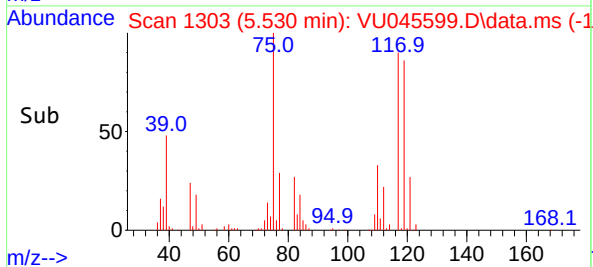
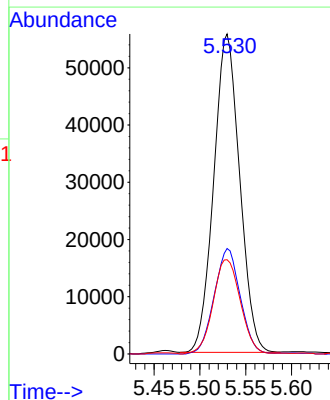
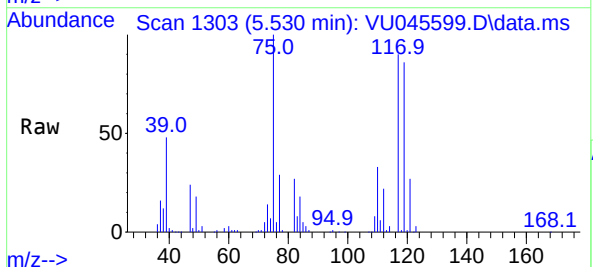
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

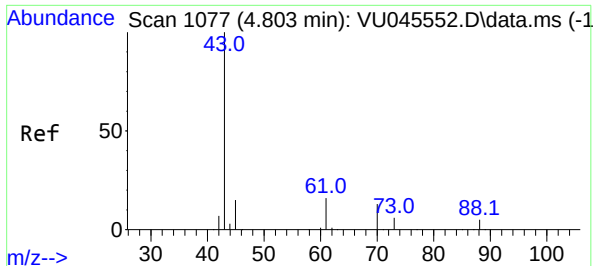
Tgt Ion:113 Resp: 74124  
Ion Ratio Lower Upper  
113 100  
111 104.4 82.8 124.2  
192 18.8 14.8 22.2



#36  
1,1-Dichloropropene  
Concen: 50.090 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 75 Resp: 109386  
Ion Ratio Lower Upper  
75 100  
110 33.2 16.7 50.0  
77 31.4 25.0 37.4

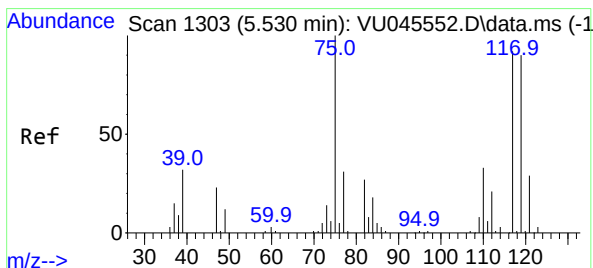
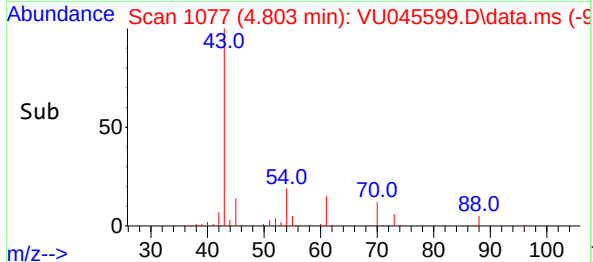
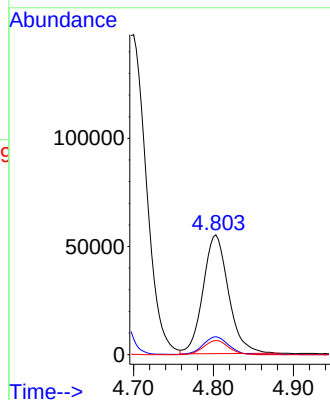
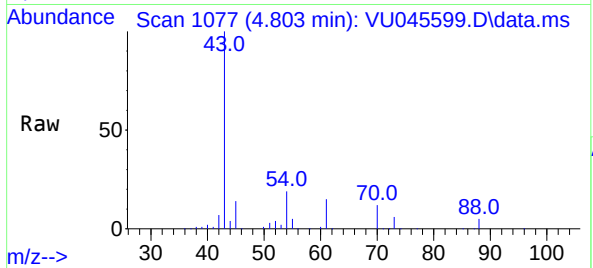




#37  
Ethyl Acetate  
Concen: 48.609 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

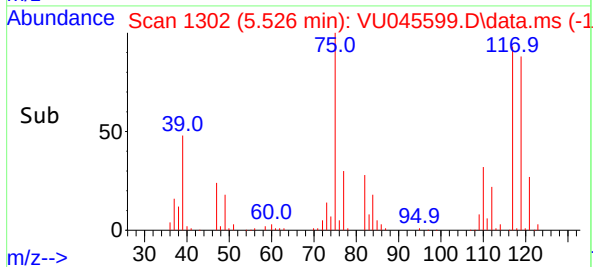
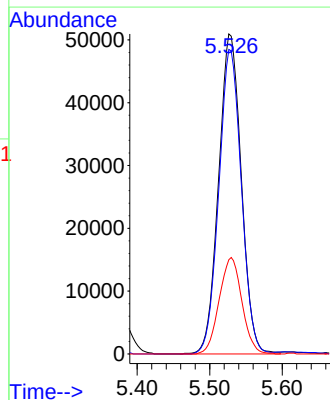
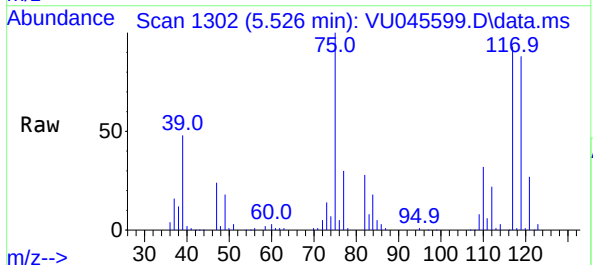
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

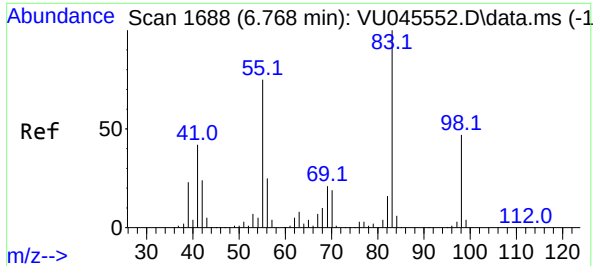
Tgt Ion: 43 Resp: 121938  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.6 17.4  
70 11.7 9.1 13.7



#38  
Carbon Tetrachloride  
Concen: 50.212 ug/l  
RT: 5.526 min Scan# 1302  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 117 Resp: 110548  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.4 116.0  
121 29.4 24.8 37.2

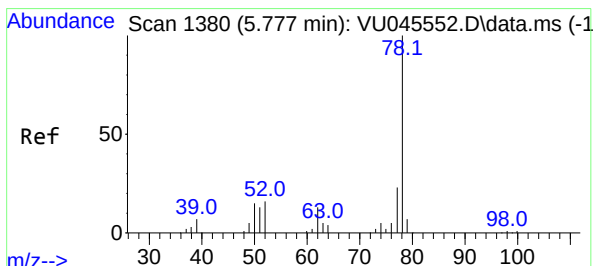
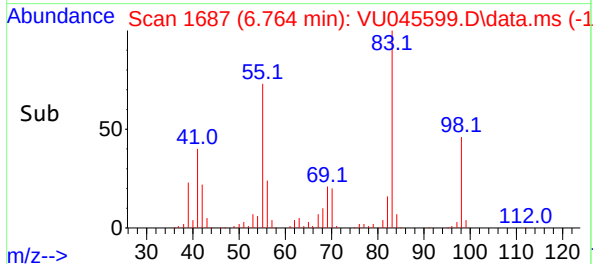
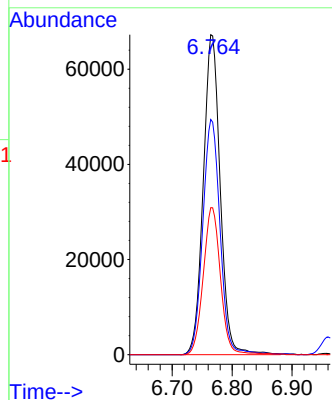
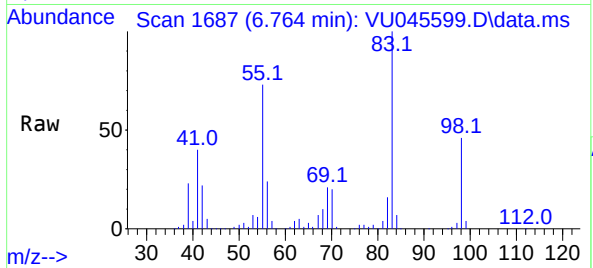




#39  
Methylcyclohexane  
Concen: 49.525 ug/l  
RT: 6.764 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

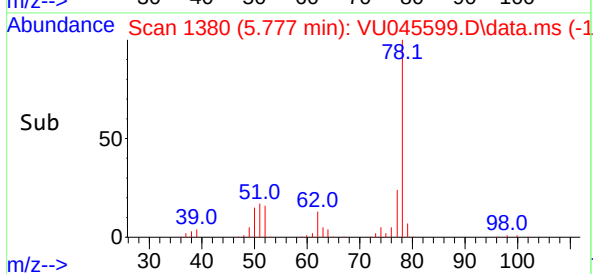
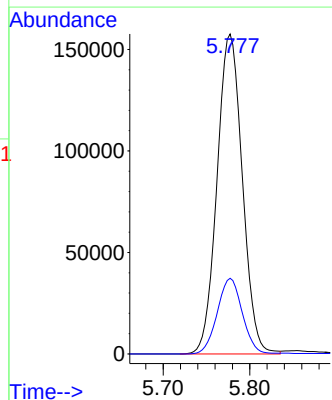
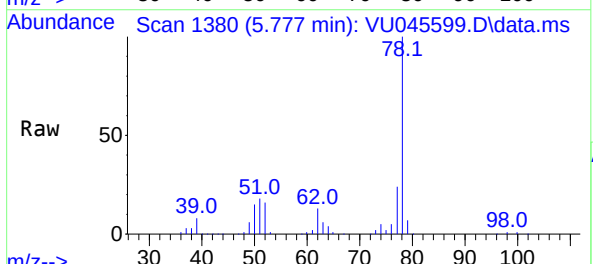
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 132683  
Ion Ratio Lower Upper  
83 100  
55 73.5 63.6 95.4  
98 46.0 37.1 55.7

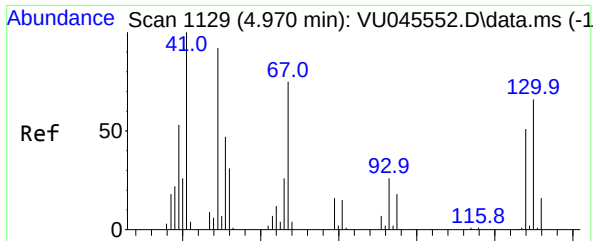


#40  
Benzene  
Concen: 49.480 ug/l  
RT: 5.777 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 78 Resp: 319911  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.0 28.4





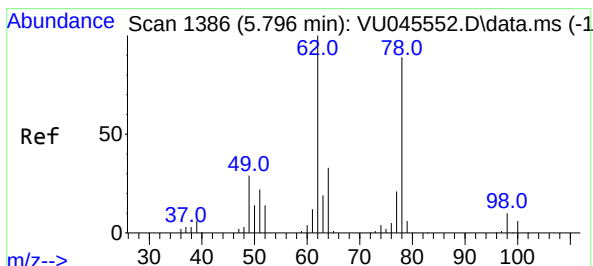
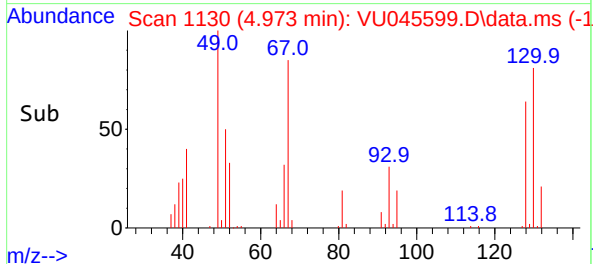
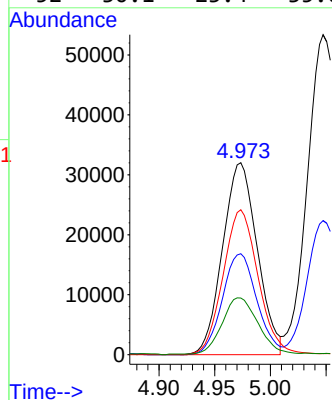
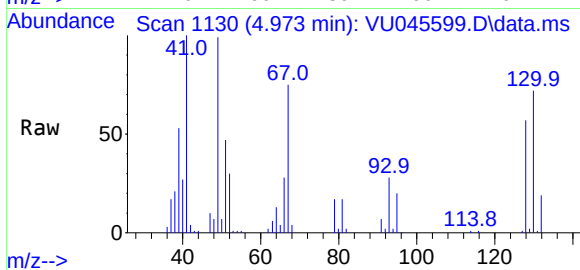


#41  
Methacrylonitrile  
Concen: 52.324 ug/l  
RT: 4.973 min Scan# 1129  
Delta R.T. 0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 69365

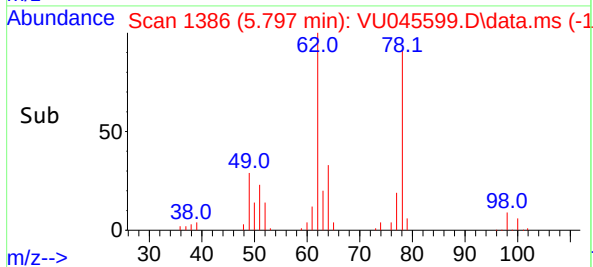
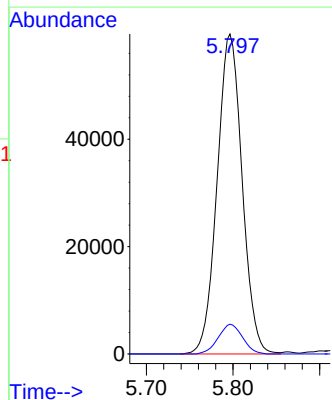
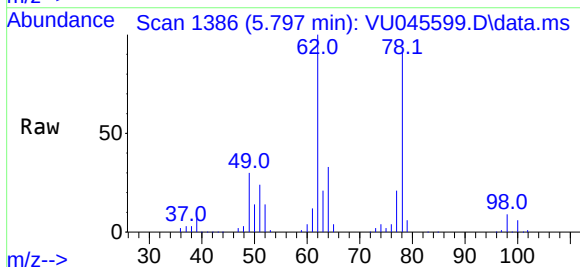
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.7  | 43.4  | 65.0  |
| 67  | 76.6  | 61.0  | 91.4  |
| 52  | 30.1  | 23.4  | 35.0  |

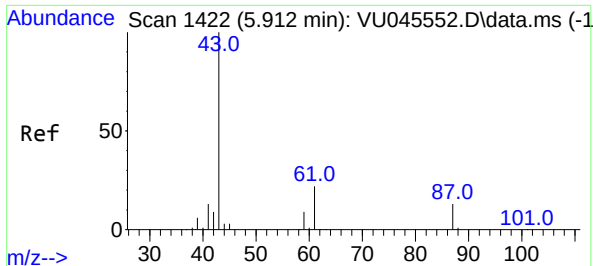


#42  
1,2-Dichloroethane  
Concen: 51.135 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 62 Resp: 119419

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 0.0   | 18.4  |

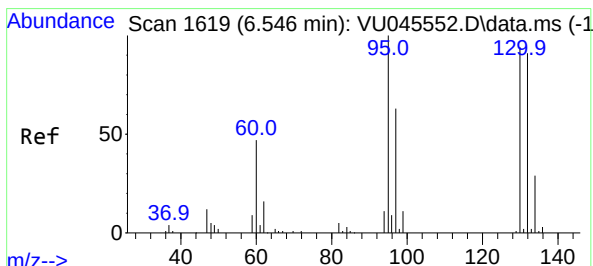
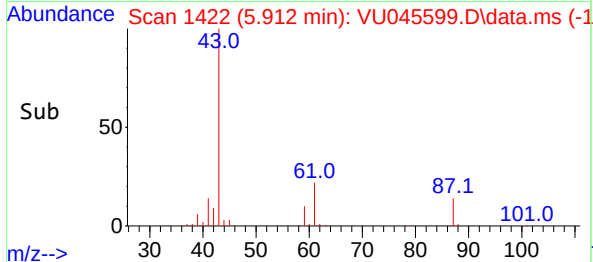
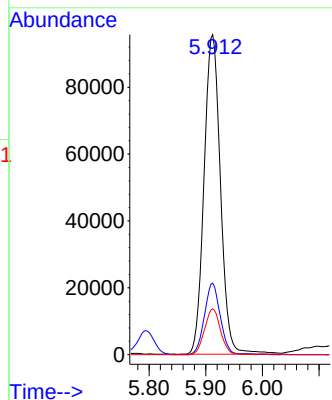
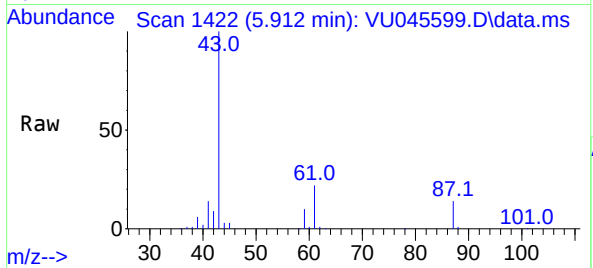




#43  
Isopropyl Acetate  
Concen: 50.246 ug/l  
RT: 5.912 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

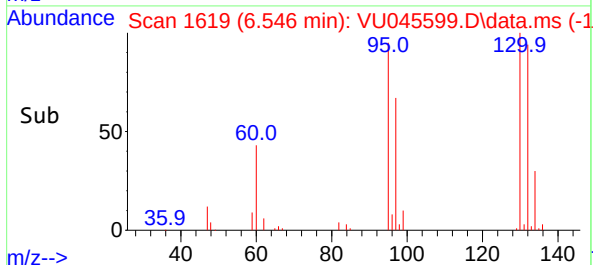
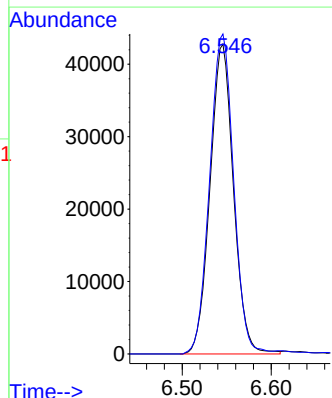
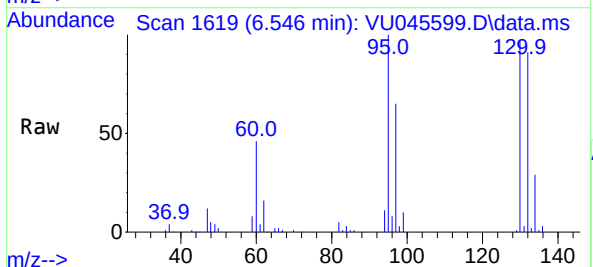
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

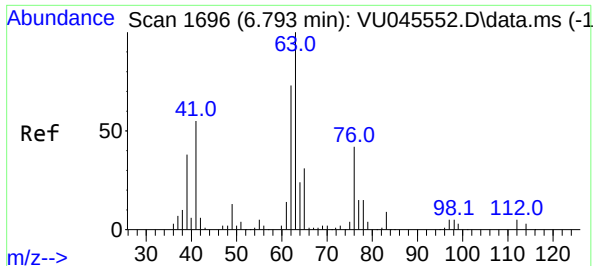
Tgt Ion: 43 Resp: 192791  
Ion Ratio Lower Upper  
43 100  
61 21.7 16.9 25.3  
87 14.0 11.0 16.4



#44  
Trichloroethene  
Concen: 50.586 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 130 Resp: 78289  
Ion Ratio Lower Upper  
130 100  
95 103.3 0.0 211.4





#45

1,2-Dichloropropane

Concen: 51.568 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

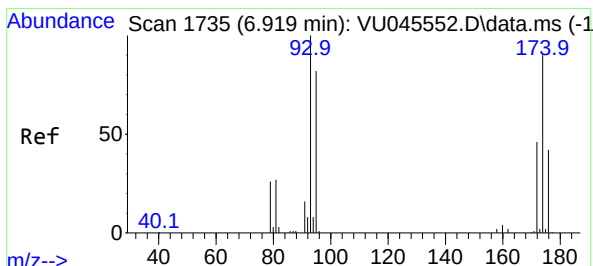
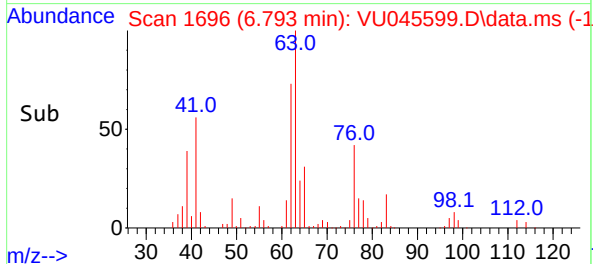
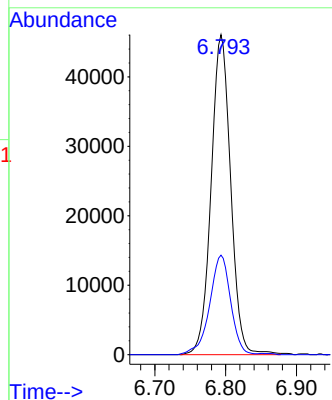
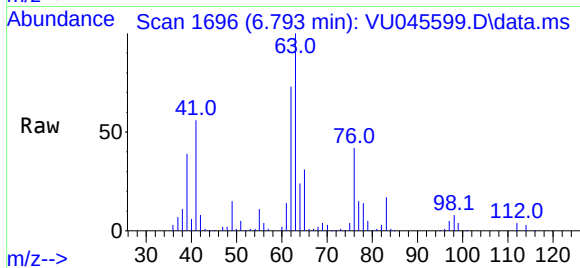
VSTDCCC050EC

Tgt Ion: 63 Resp: 88221

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 51.383 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

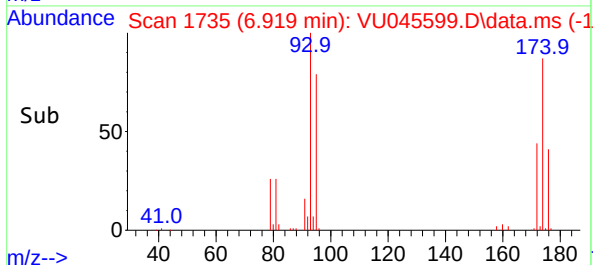
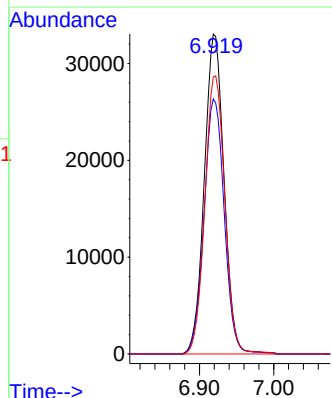
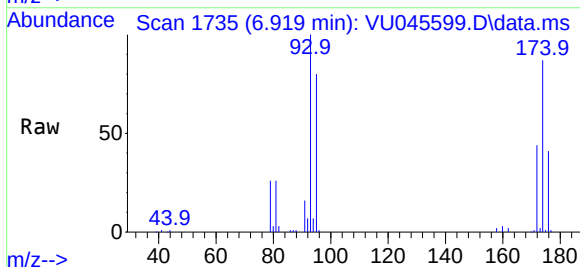
Tgt Ion: 93 Resp: 60908

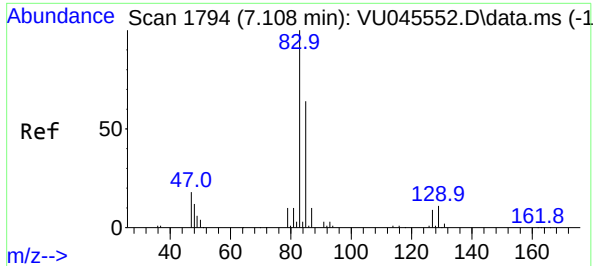
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 88.1 71.0 106.6

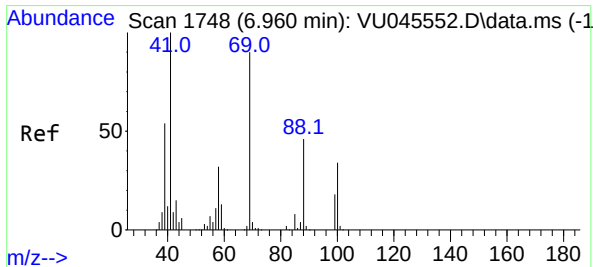
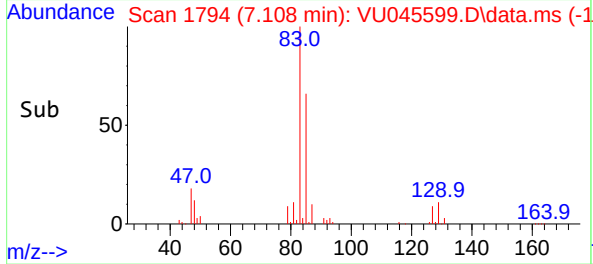
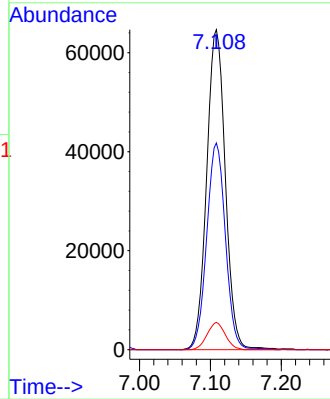
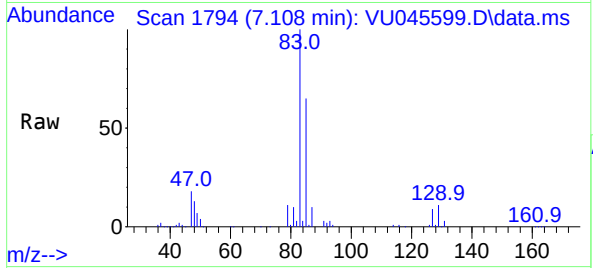




#47  
 Bromodichloromethane  
 Concen: 52.637 ug/l  
 RT: 7.108 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

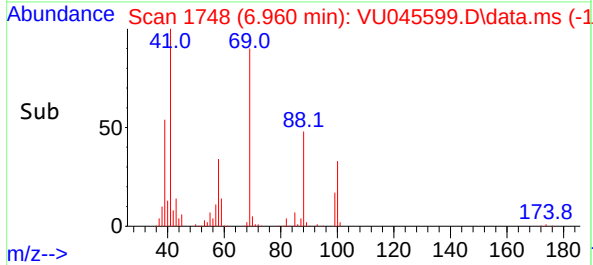
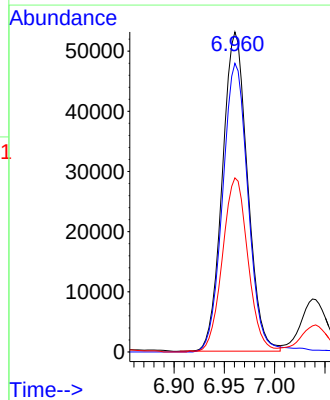
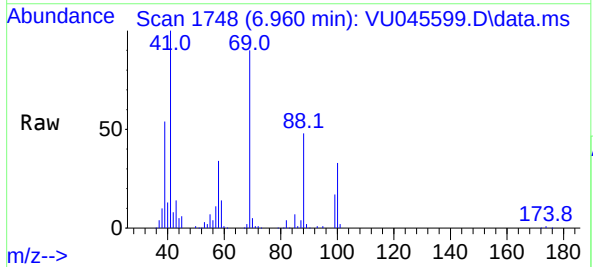
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

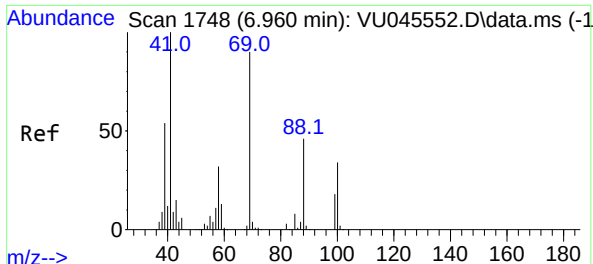
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 118388 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.6  | 49.8  | 74.6   |
| 127      | 8.5   | 6.2   | 9.2    |



#48  
 Methyl methacrylate  
 Concen: 52.389 ug/l  
 RT: 6.960 min Scan# 1748  
 Delta R.T. 0.000 min  
 Lab File: VU045599.D  
 Acq: 06 Nov 2021 07:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 92520 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 91.3  | 70.2  | 105.2 |
| 39       | 55.2  | 43.9  | 65.9  |

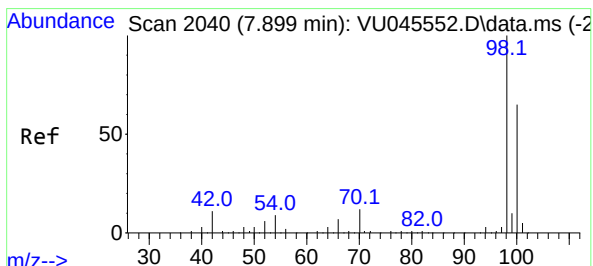
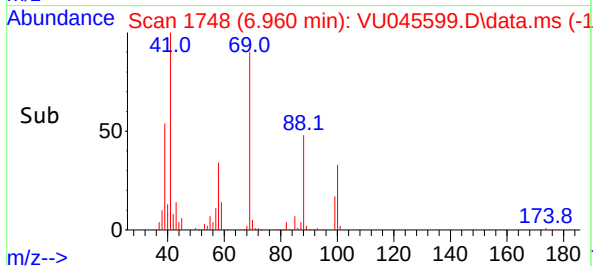
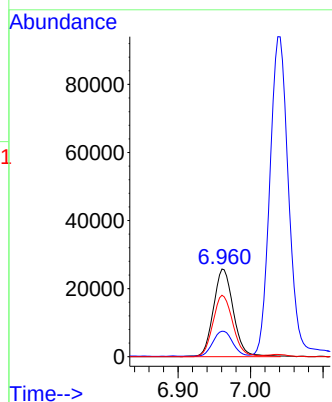
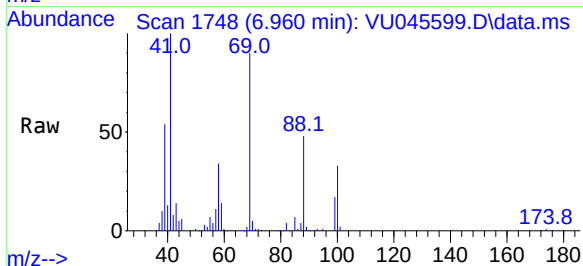




#49  
1,4-Dioxane  
Concen: 1084.696 ug/l  
RT: 6.960 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

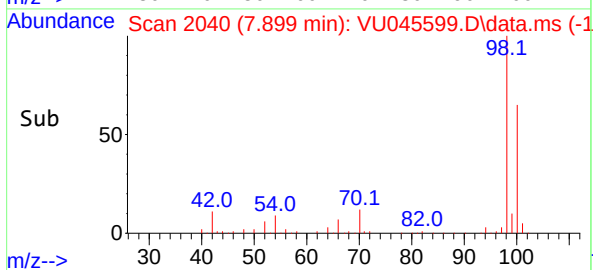
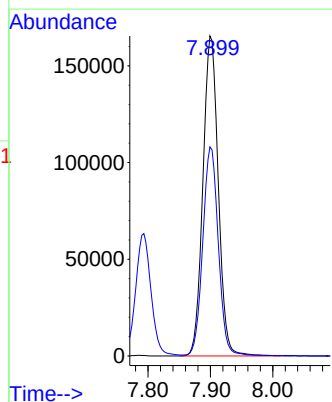
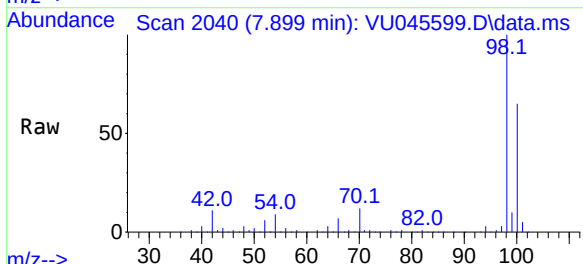
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

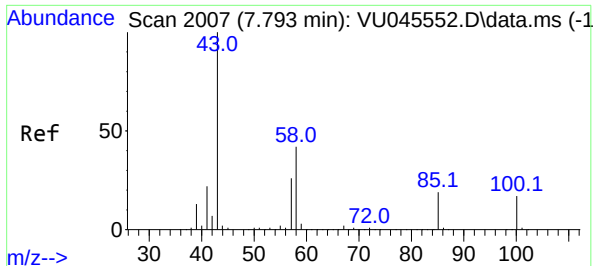
Tgt Ion: 88 Resp: 49263  
Ion Ratio Lower Upper  
88 100  
43 28.4 0.0 0.0#  
58 69.6 58.7 88.1



#50  
Toluene-d8  
Concen: 51.047 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 98 Resp: 283832  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.5 78.7

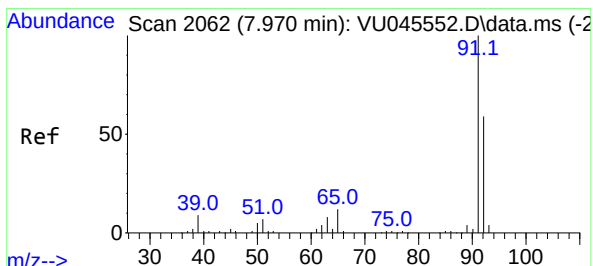
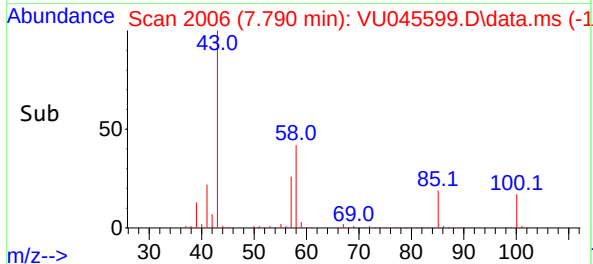
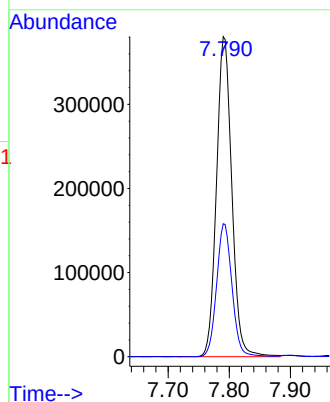
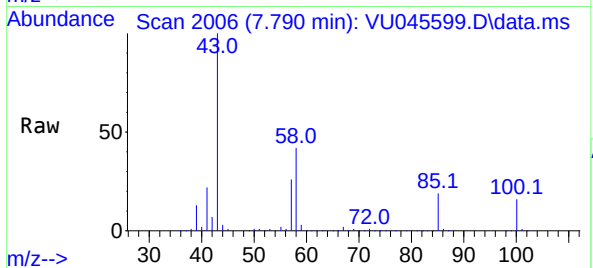




#51  
4-Methyl-2-Pentanone  
Concen: 261.336 ug/l  
RT: 7.790 min Scan# 2006  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

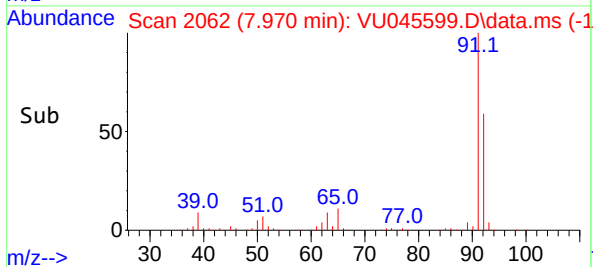
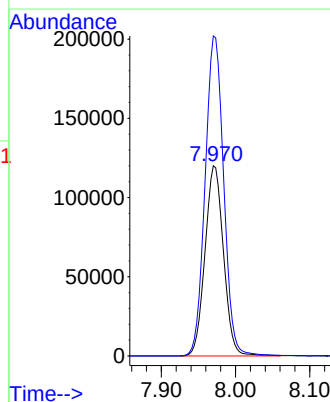
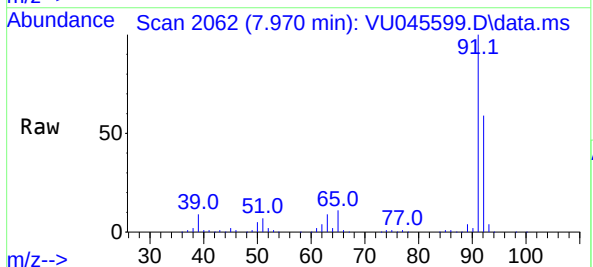
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

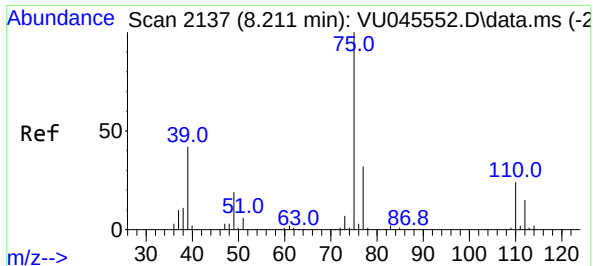
Tgt Ion: 43 Resp: 661461  
Ion Ratio Lower Upper  
43 100  
58 41.7 33.8 50.8



#52  
Toluene  
Concen: 52.382 ug/l  
RT: 7.970 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 92 Resp: 207346  
Ion Ratio Lower Upper  
92 100  
91 169.4 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.724 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

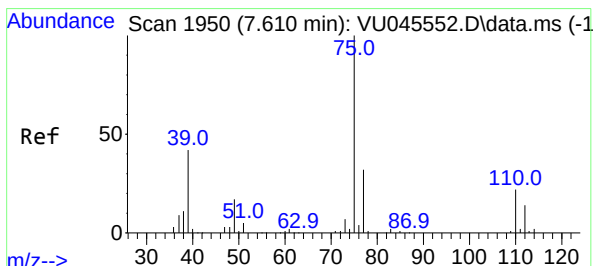
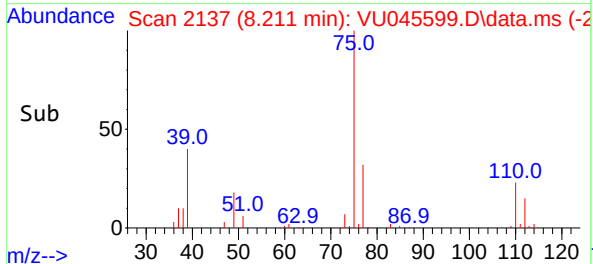
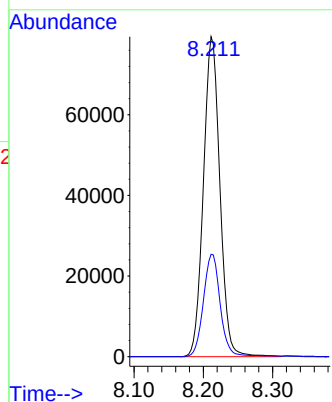
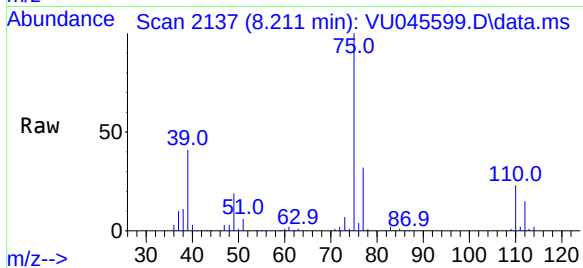
VSTDCCC050EC

Tgt Ion: 75 Resp: 131116

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 50.897 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

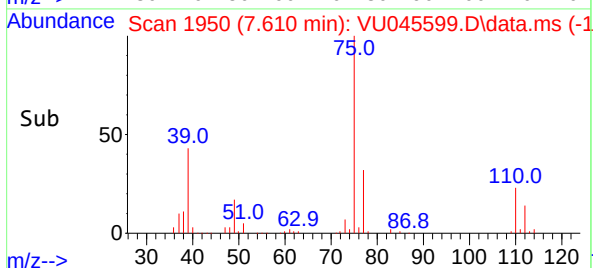
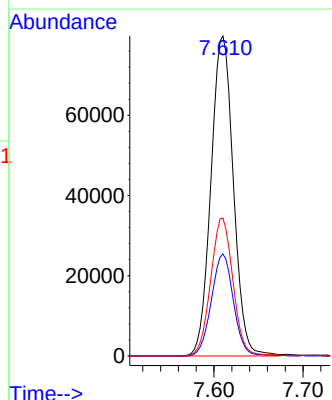
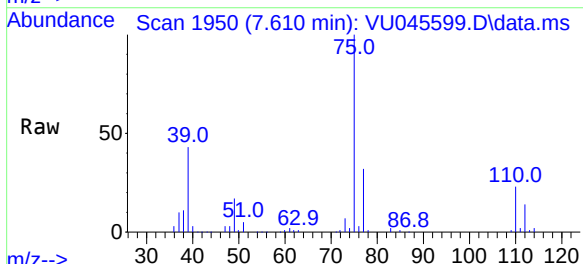
Tgt Ion: 75 Resp: 139741

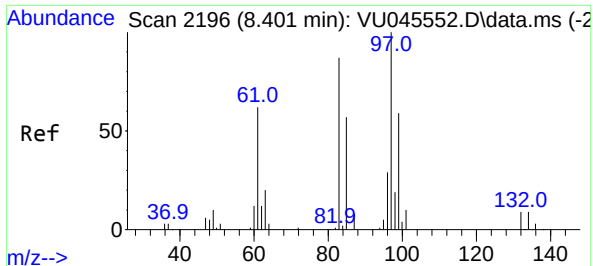
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 43.1 37.1 55.7

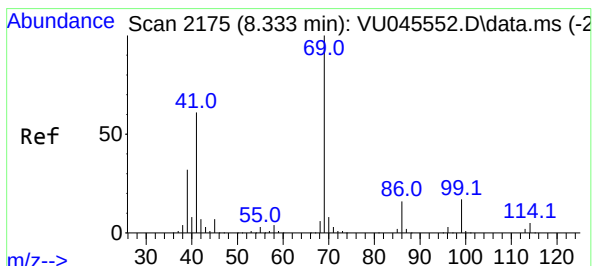
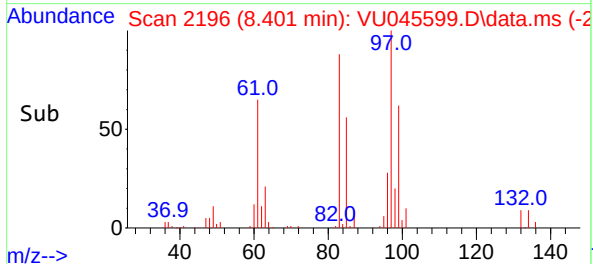
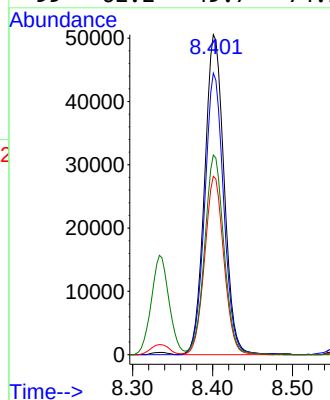
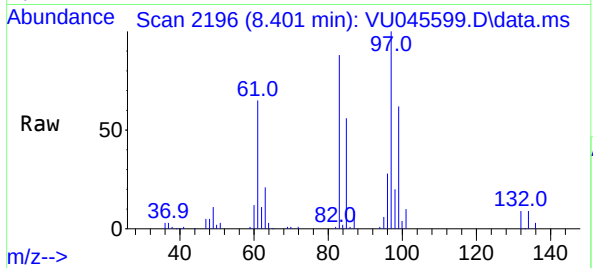




#55  
1,1,2-Trichloroethane  
Concen: 52.364 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

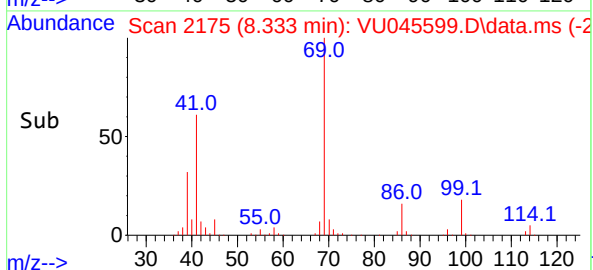
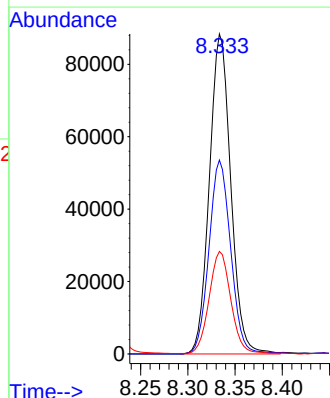
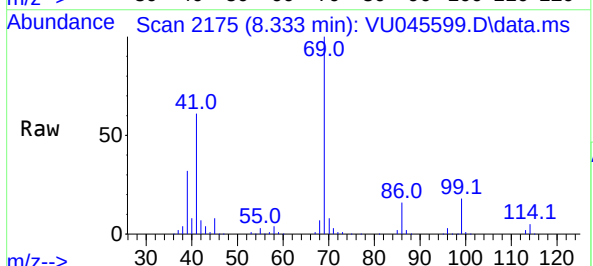
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85905 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.0  | 70.3  | 105.5 |
| 85       | 55.8  | 45.5  | 68.3  |
| 99       | 62.2  | 49.7  | 74.5  |

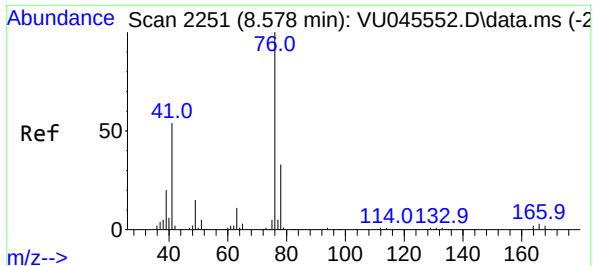


#56  
Ethyl methacrylate  
Concen: 47.402 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 139094 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 61.7  | 51.0  | 76.4   |
| 39       | 32.0  | 26.6  | 39.8   |







#57

1,3-Dichloropropane

Concen: 51.002 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

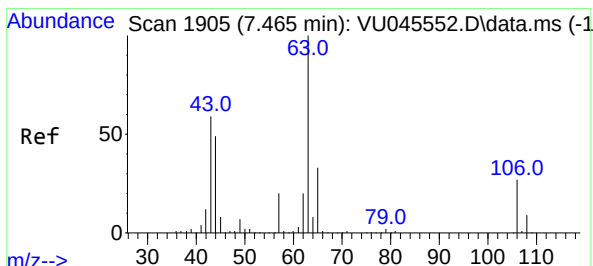
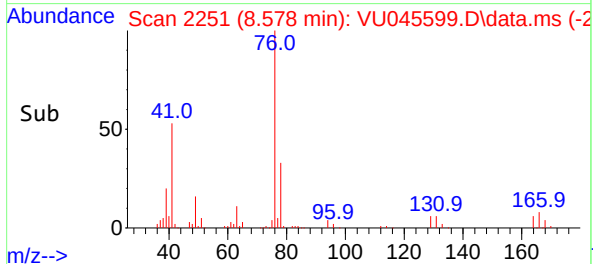
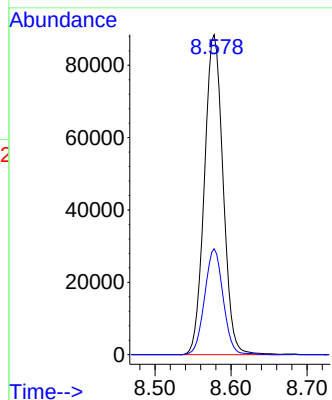
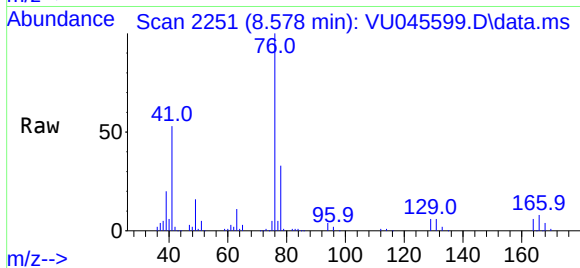
VSTDCCC050EC

Tgt Ion: 76 Resp: 150699

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 234.441 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045599.D

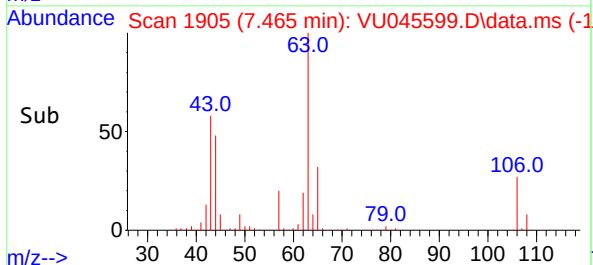
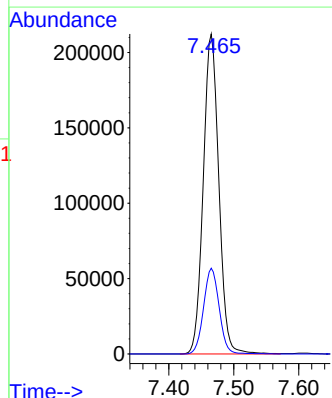
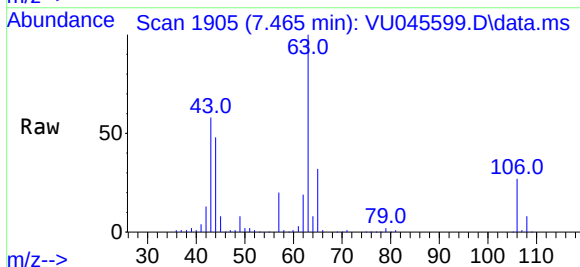
Acq: 06 Nov 2021 07:28

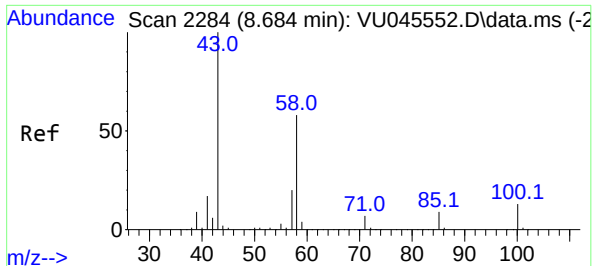
Tgt Ion: 63 Resp: 354081

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4





#59

2-Hexanone

Concen: 233.100 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

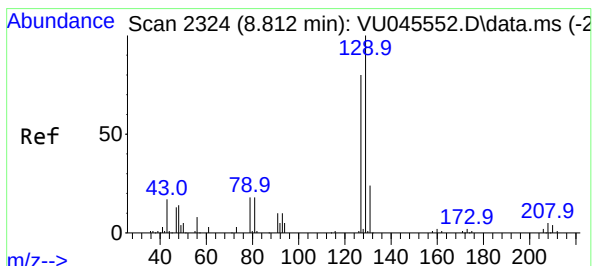
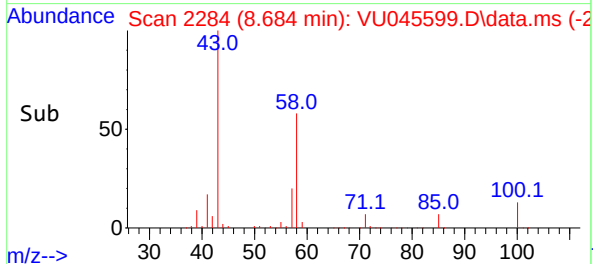
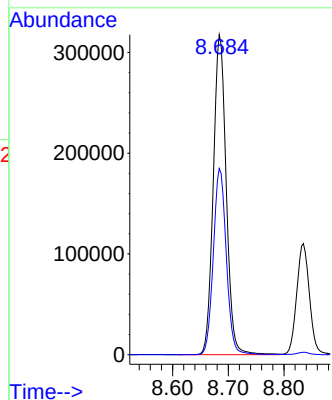
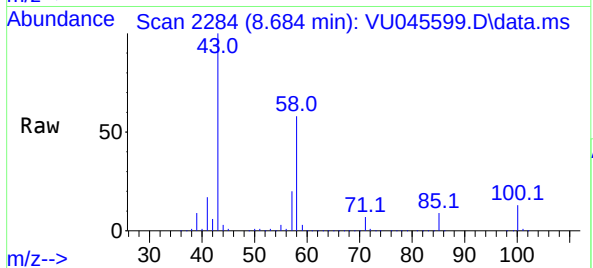
VSTDCCC050EC

Tgt Ion: 43 Resp: 512216

Ion Ratio Lower Upper

43 100

58 58.3 29.5 88.6



#60

Dibromochloromethane

Concen: 52.208 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045599.D

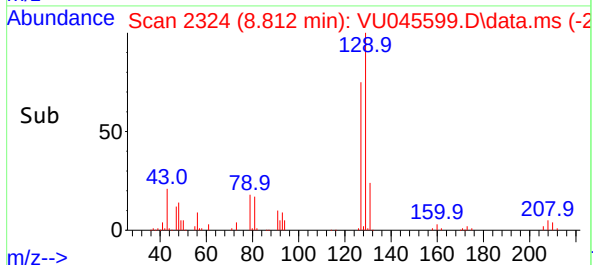
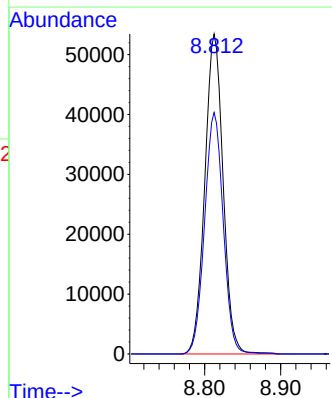
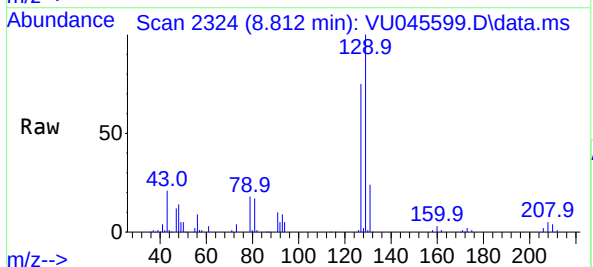
Acq: 06 Nov 2021 07:28

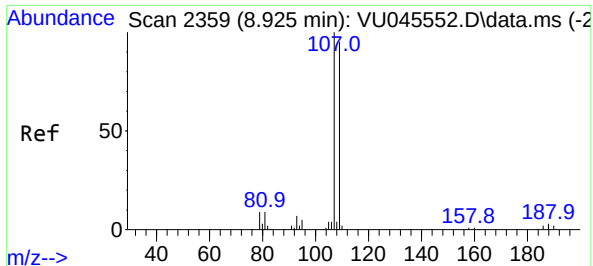
Tgt Ion:129 Resp: 89184

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.3

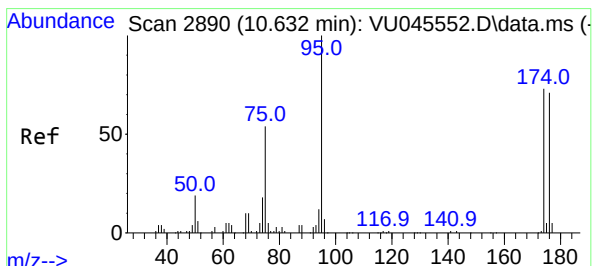
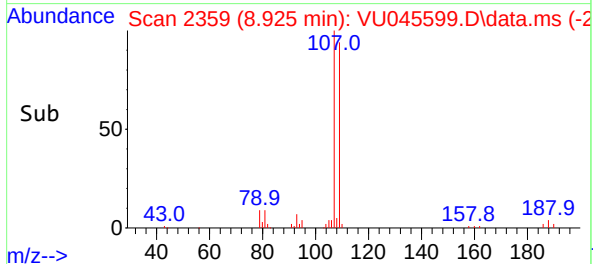
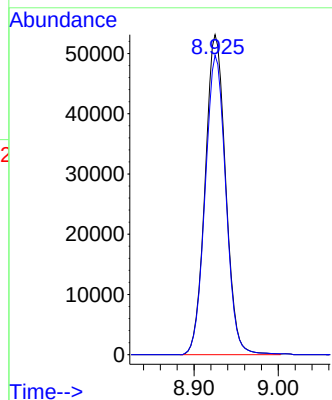
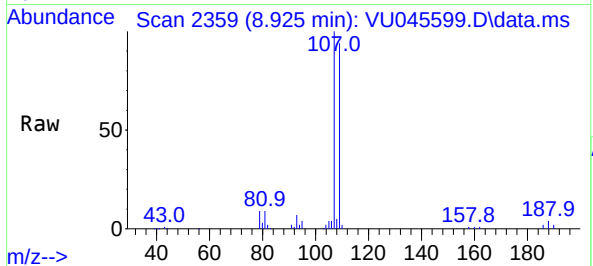




#61  
1,2-Dibromoethane  
Concen: 51.149 ug/l  
RT: 8.925 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

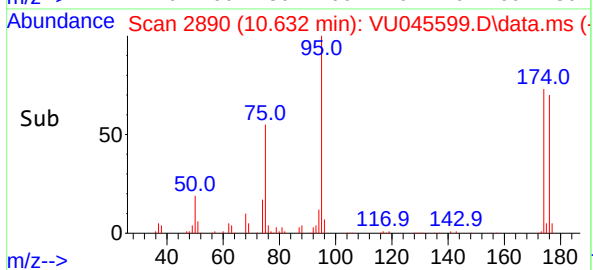
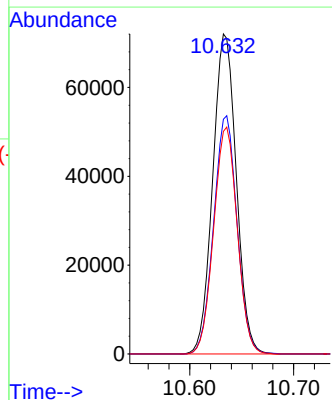
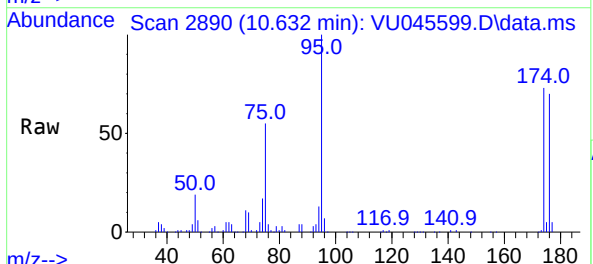
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

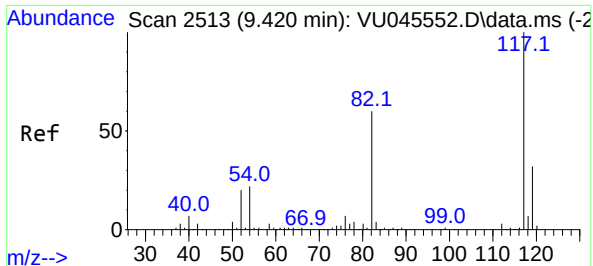
Tgt Ion:107 Resp: 89996  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 50.900 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 95 Resp: 113487  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 141.8  
176 70.9 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

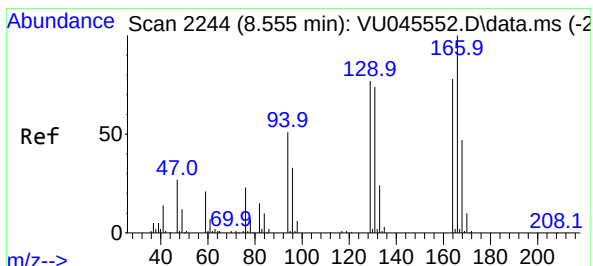
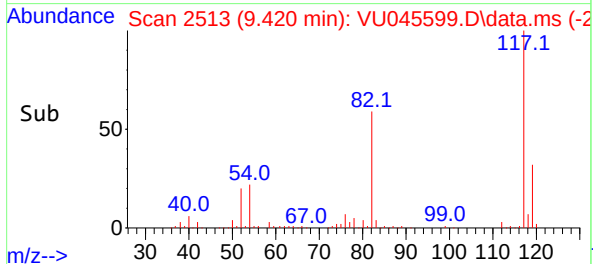
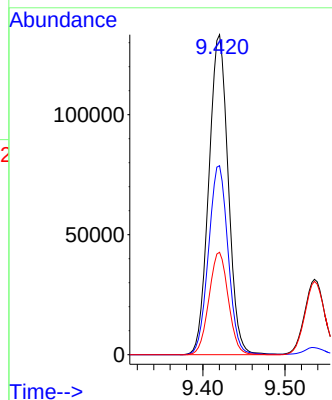
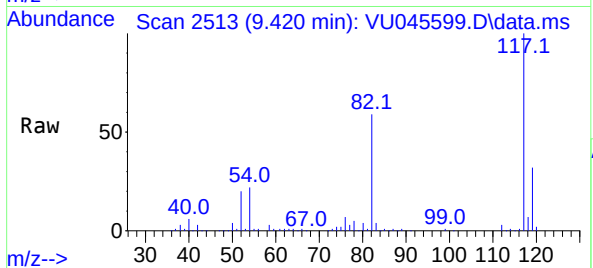
Tgt Ion:117 Resp: 218754

Ion Ratio Lower Upper

117 100

82 59.1 47.8 71.8

119 32.0 25.8 38.8



#64

Tetrachloroethene

Concen: 51.992 ug/l

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Tgt Ion:164 Resp: 65278

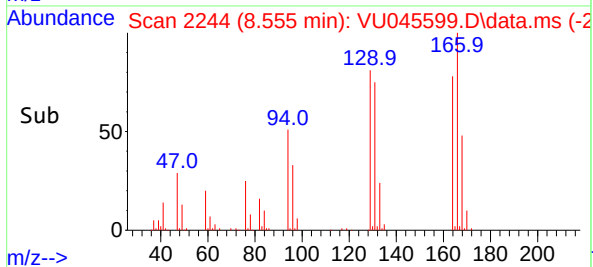
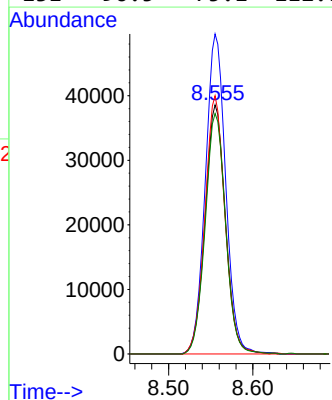
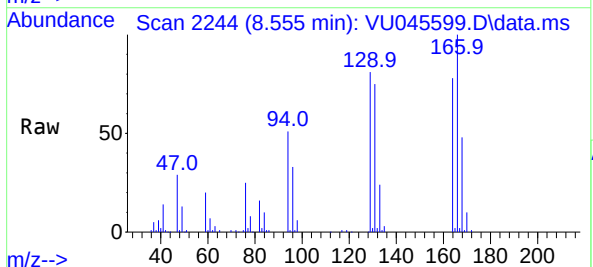
Ion Ratio Lower Upper

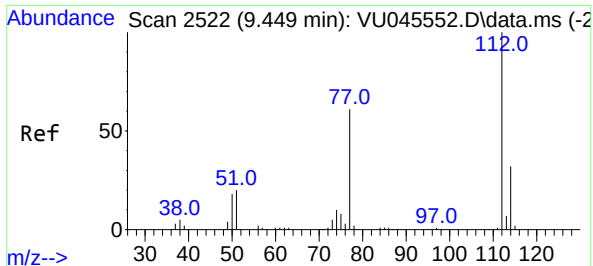
164 100

166 128.4 102.2 153.4

129 103.7 78.2 117.4

131 96.5 75.1 112.7

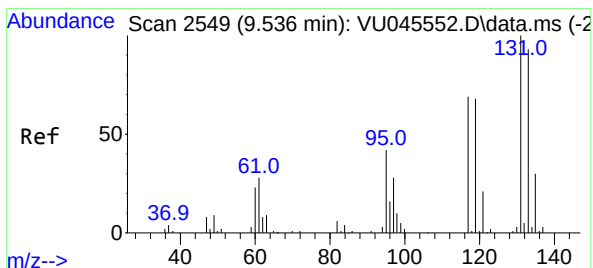
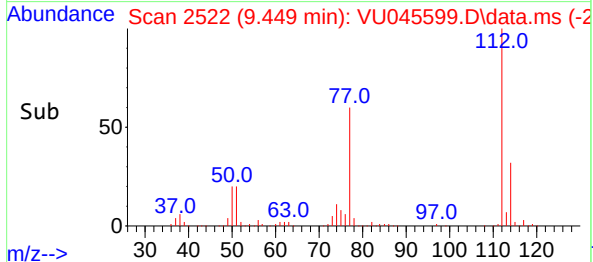
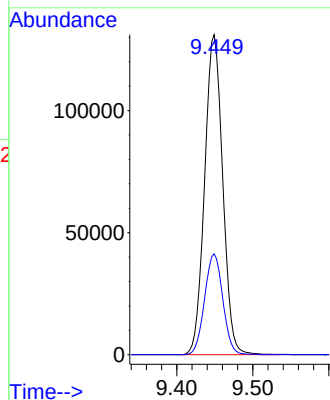
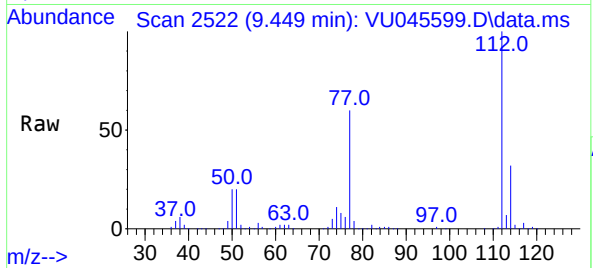




#65  
Chlorobenzene  
Concen: 50.418 ug/l  
RT: 9.449 min Scan# 216642  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

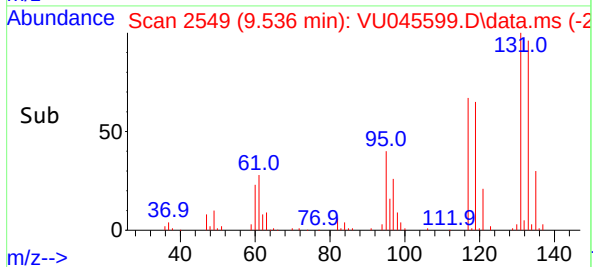
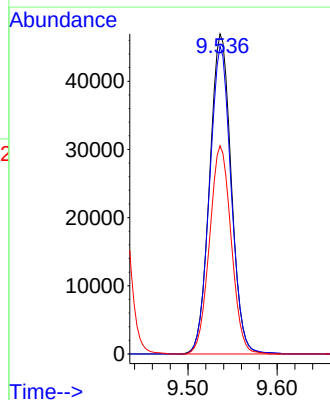
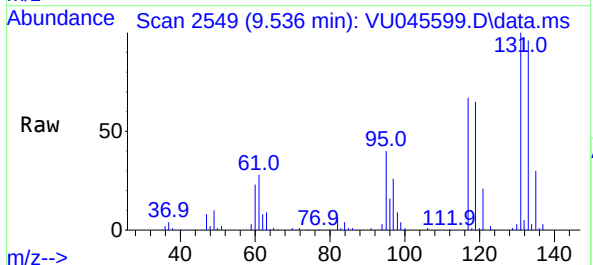
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

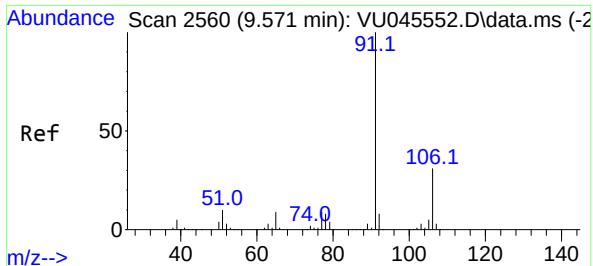
Tgt Ion:112 Resp: 216642  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.440 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:131 Resp: 78832  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.9 143.6  
119 65.4 34.5 103.6





#67

Ethyl Benzene

Concen: 52.352 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045599.D

Acq: 06 Nov 2021 07:28

Instrument :

MSVOA\_U

ClientSampleId :

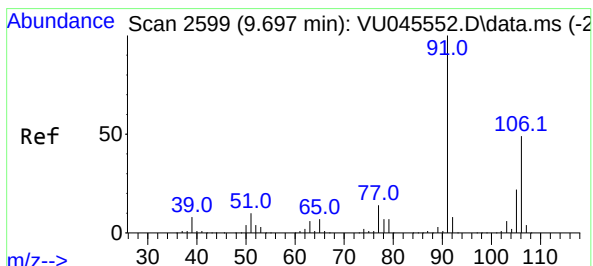
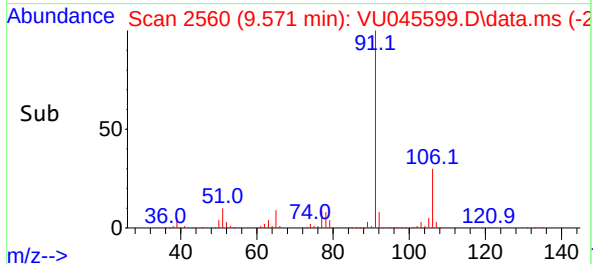
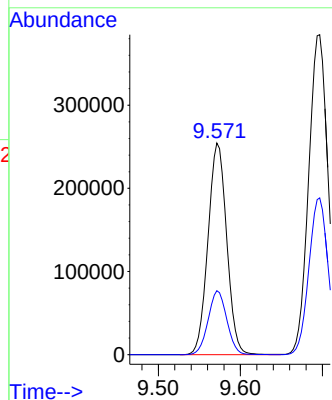
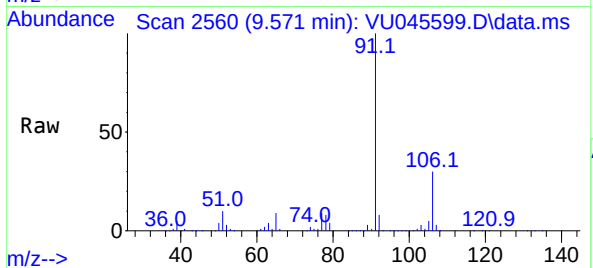
VSTDCCC050EC

Tgt Ion: 91 Resp: 402845

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 106.367 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045599.D

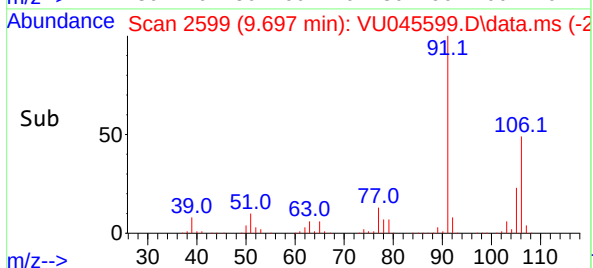
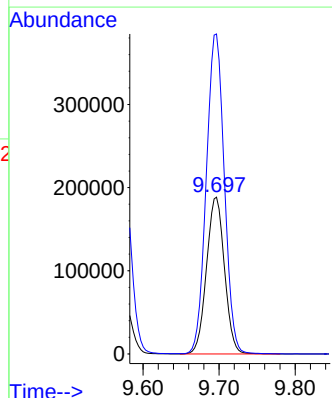
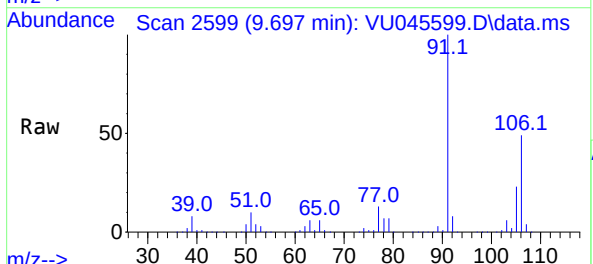
Acq: 06 Nov 2021 07:28

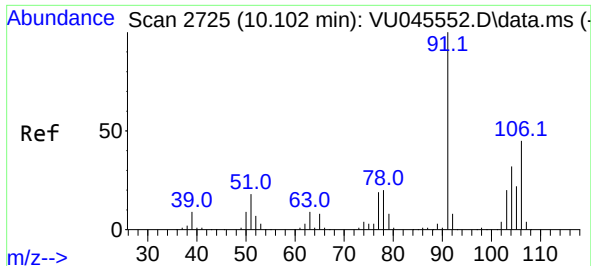
Tgt Ion: 106 Resp: 308679

Ion Ratio Lower Upper

106 100

91 205.7 164.7 247.1

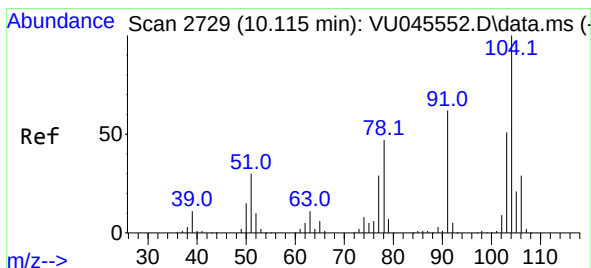
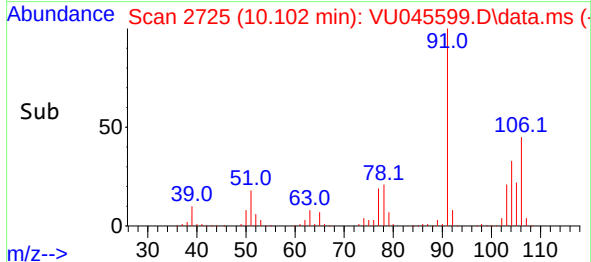
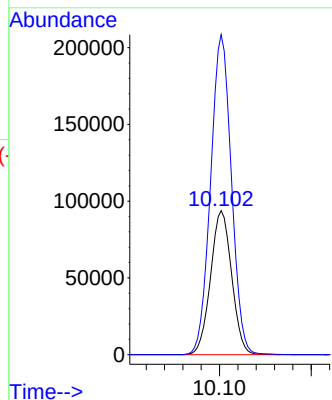
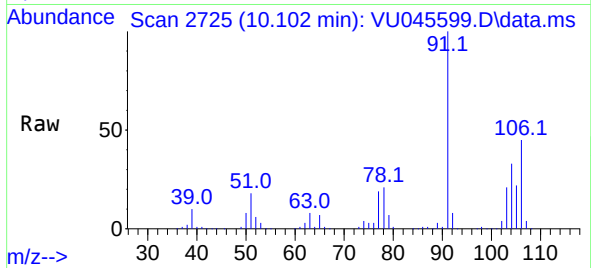




#69  
o-Xylene  
Concen: 53.052 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

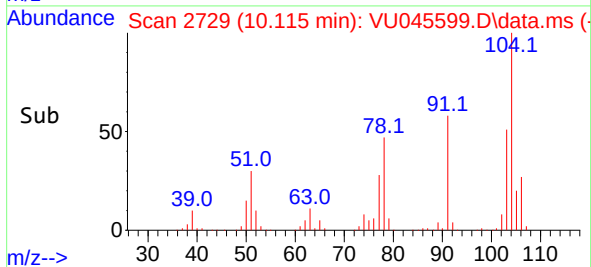
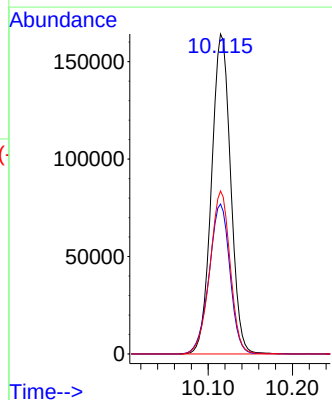
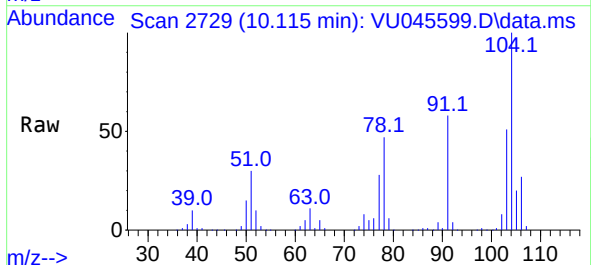
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

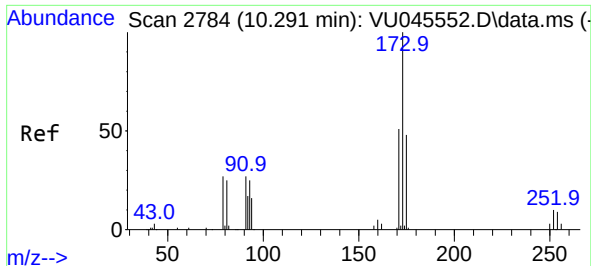
Tgt Ion:106 Resp: 149679  
Ion Ratio Lower Upper  
106 100  
91 219.4 108.7 326.3



#70  
Styrene  
Concen: 54.354 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:104 Resp: 259436  
Ion Ratio Lower Upper  
104 100  
78 51.0 41.8 62.6  
103 53.9 43.8 65.6

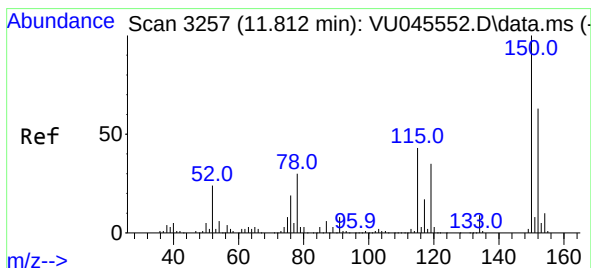
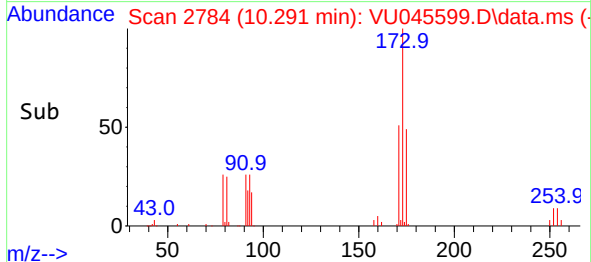
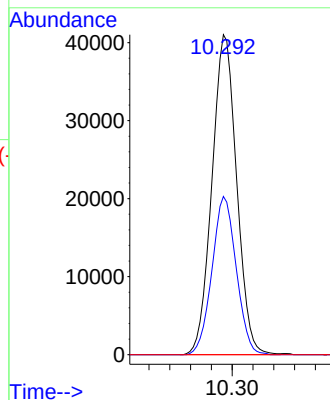
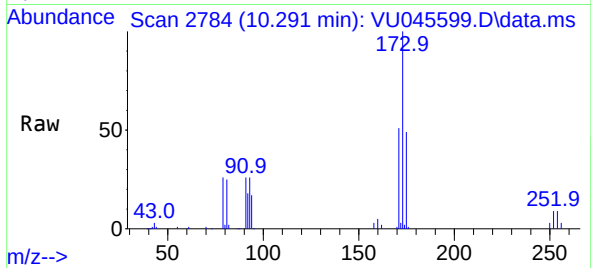




#71  
Bromoform  
Concen: 46.875 ug/l  
RT: 10.291 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

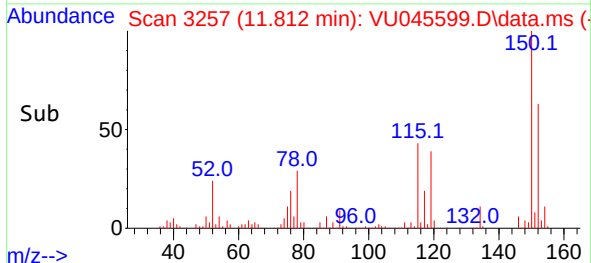
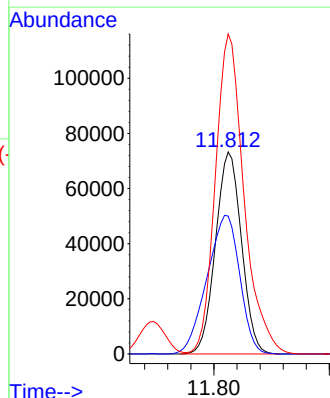
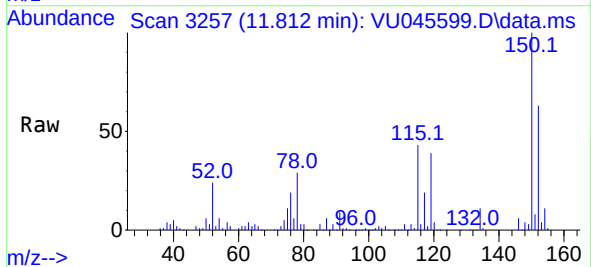
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 67694  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.1 72.2  
254 0.0 0.0 0.0

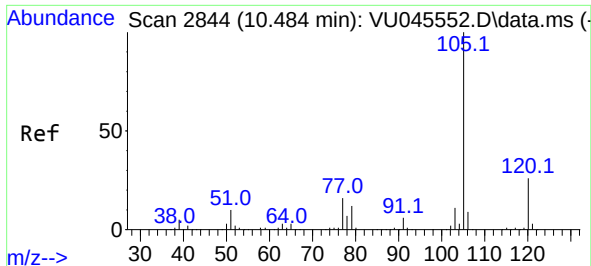


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:152 Resp: 114337  
Ion Ratio Lower Upper  
152 100  
115 86.4 42.7 128.1  
150 174.5 0.0 346.8



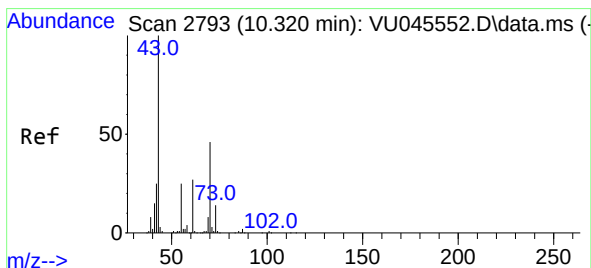
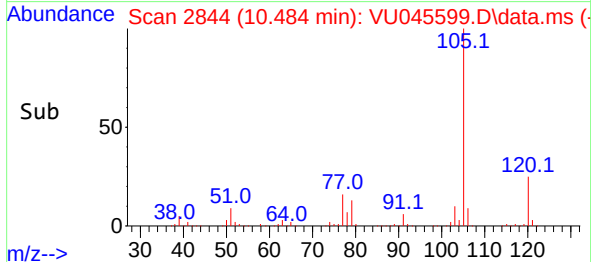
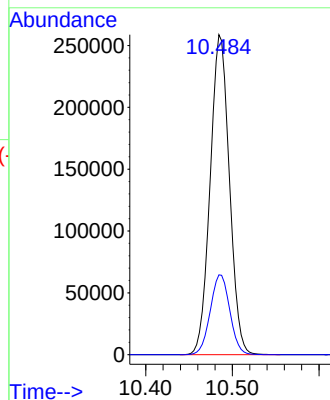
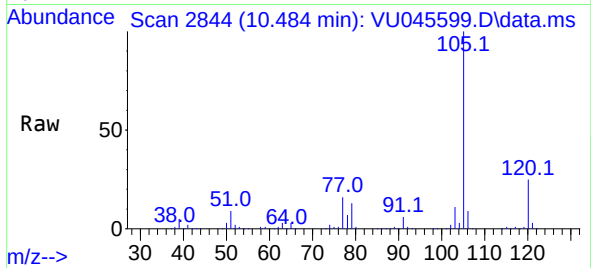




#73  
Isopropylbenzene  
Concen: 53.381 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

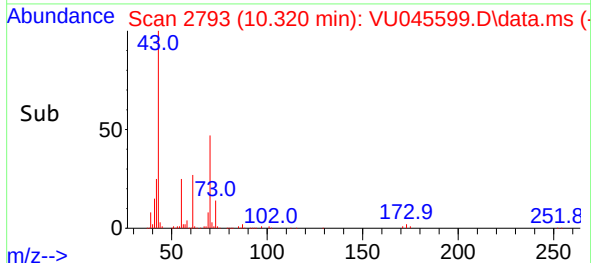
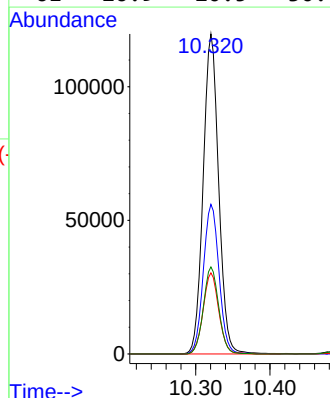
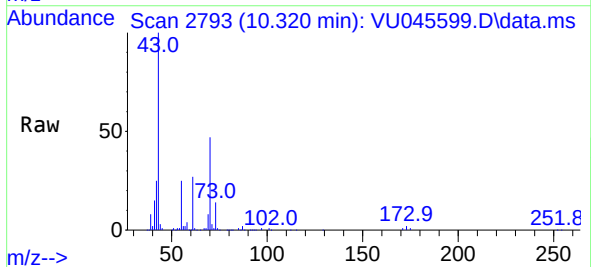
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

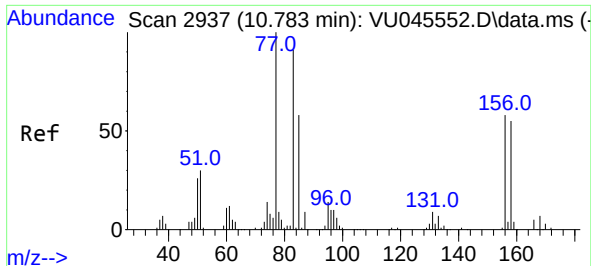
Tgt Ion:105 Resp: 398791  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 51.459 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 43 Resp: 173425  
Ion Ratio Lower Upper  
43 100  
70 47.4 36.9 55.3  
55 25.6 20.6 31.0  
61 26.9 20.5 30.7

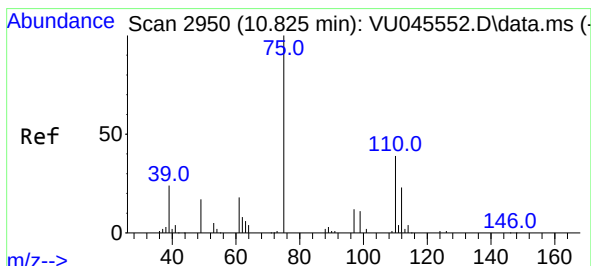
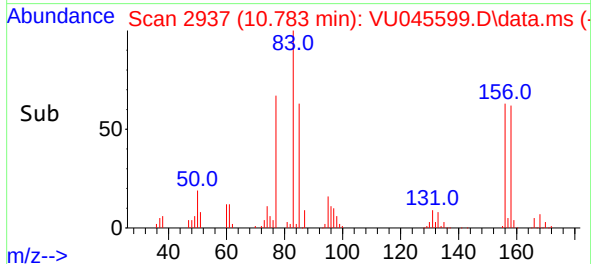
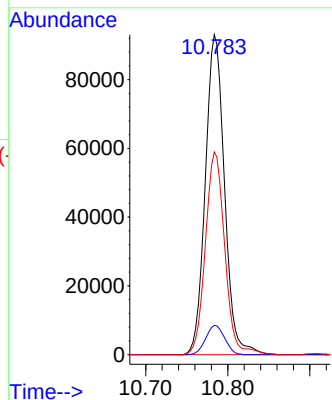
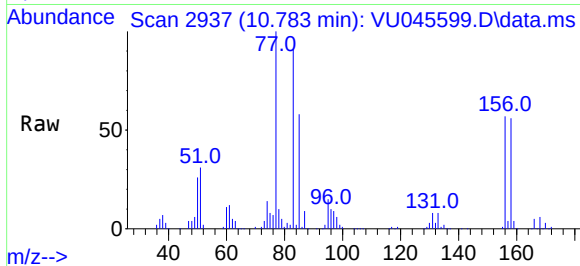




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.122 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

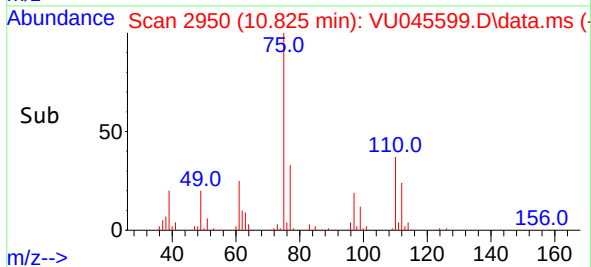
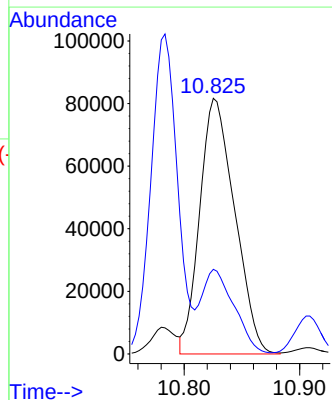
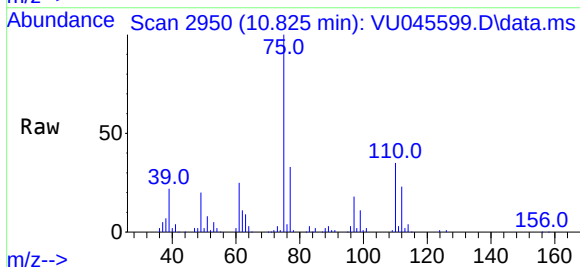
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MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

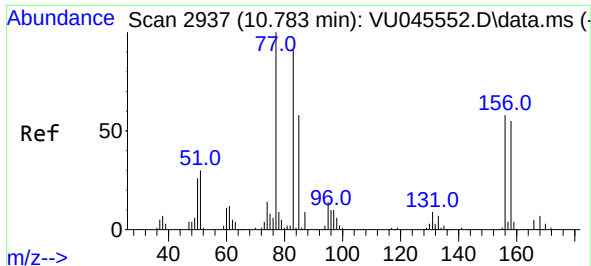
Tgt Ion: 83 Resp: 151315  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.4 13.2  
85 63.8 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 49.577 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 75 Resp: 171900  
Ion Ratio Lower Upper  
75 100  
77 30.6 17.1 51.3

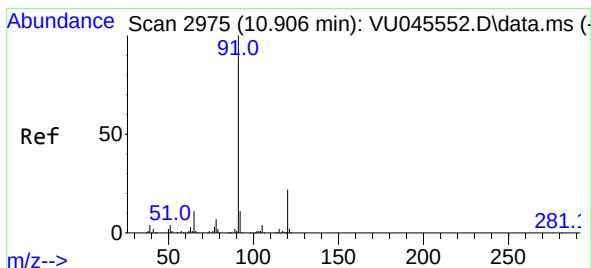
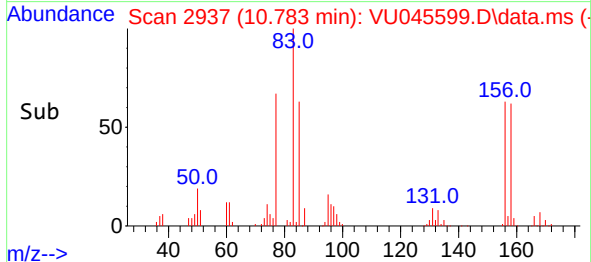
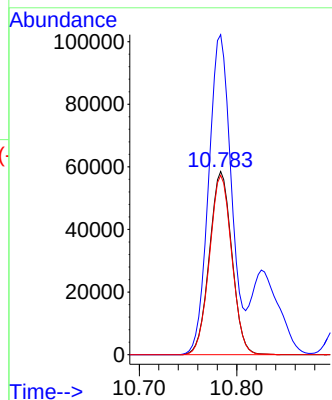
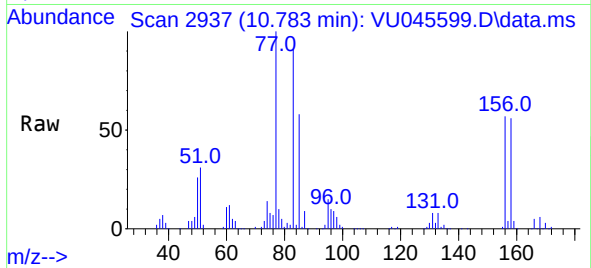




#77  
Bromobenzene  
Concen: 51.591 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

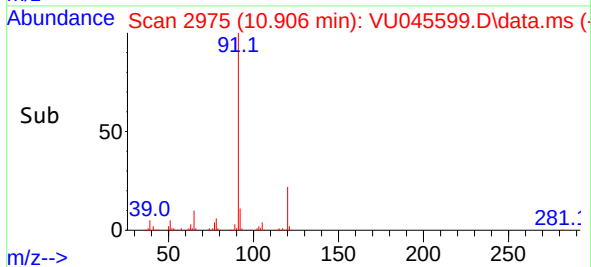
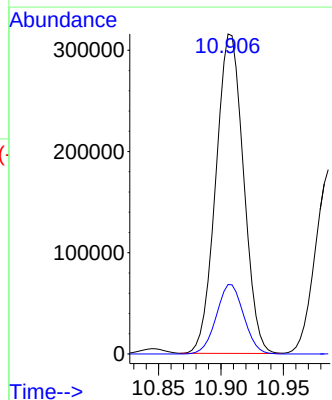
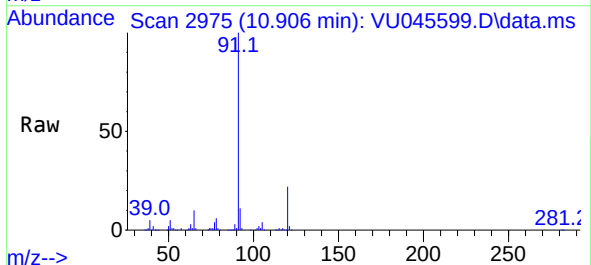
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

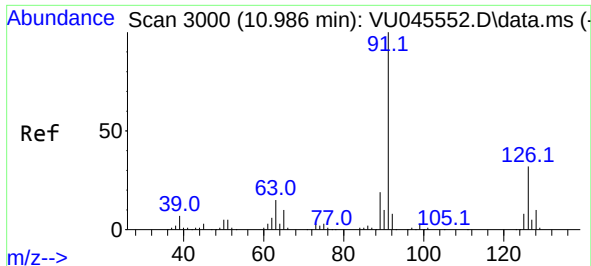
Tgt Ion:156 Resp: 93578  
Ion Ratio Lower Upper  
156 100  
77 176.7 91.1 273.4  
158 97.4 47.9 143.6



#78  
n-propylbenzene  
Concen: 52.422 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 91 Resp: 487425  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.9 32.7

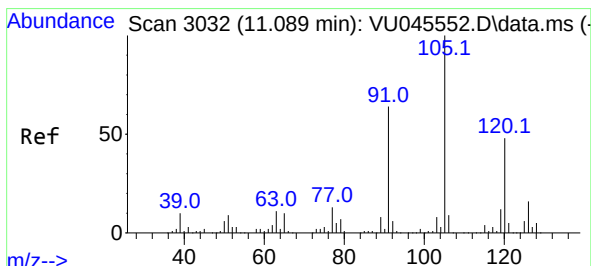
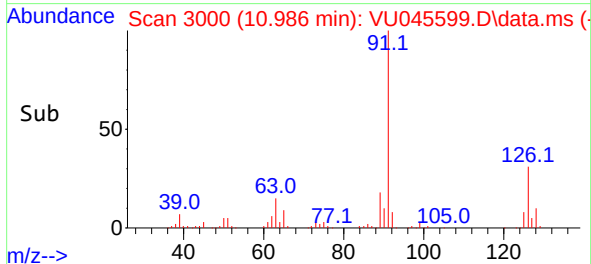
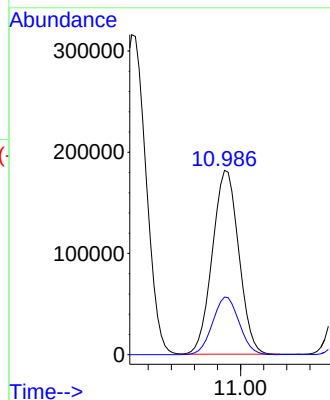
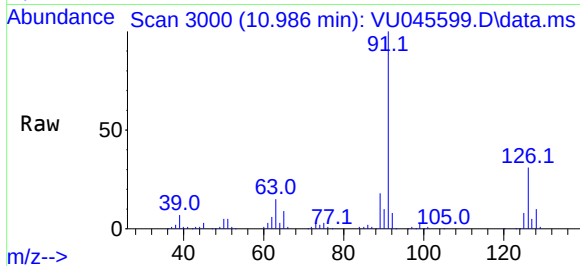




#79  
2-Chlorotoluene  
Concen: 52.589 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

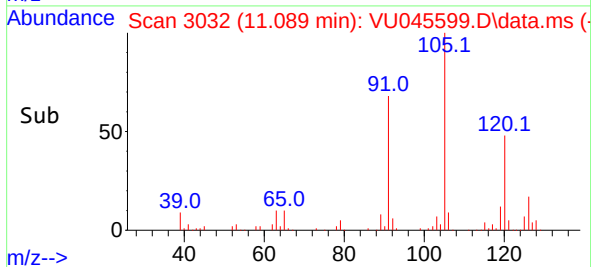
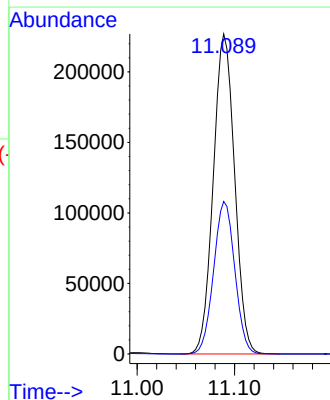
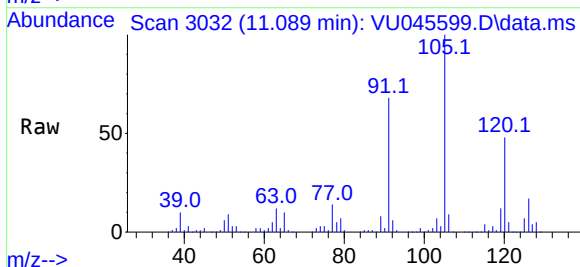
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

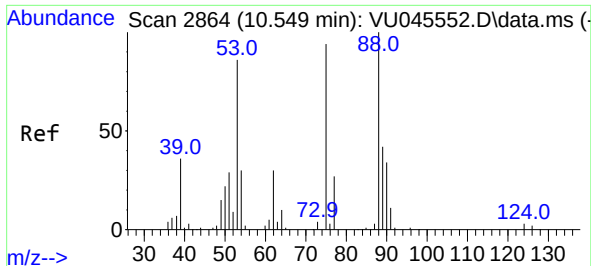
Tgt Ion: 91 Resp: 288890  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 52.858 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 105 Resp: 345012  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.9 71.8

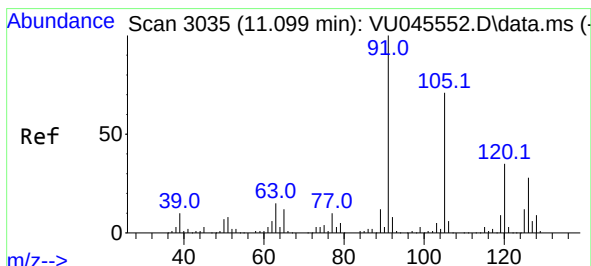
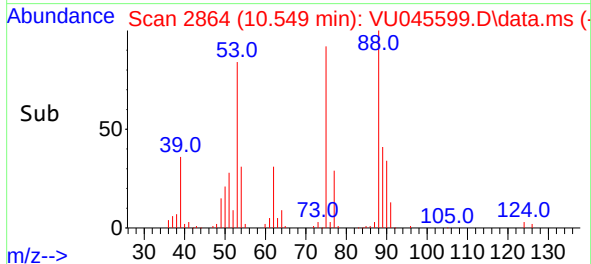
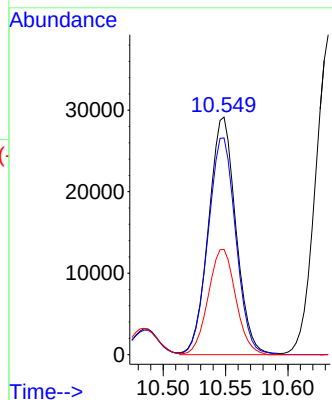
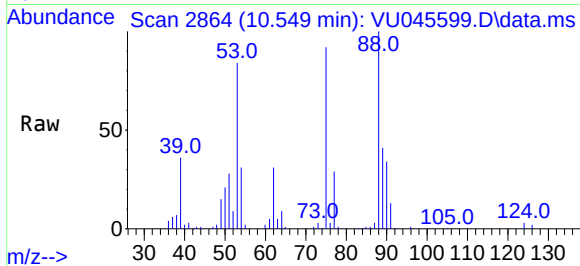




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.678 ug/l  
RT: 10.549 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

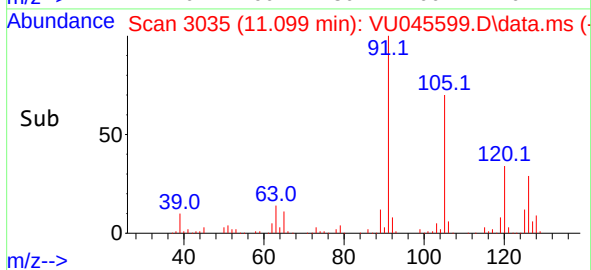
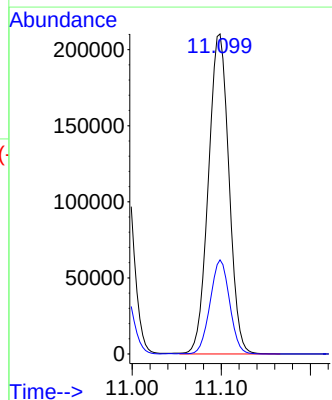
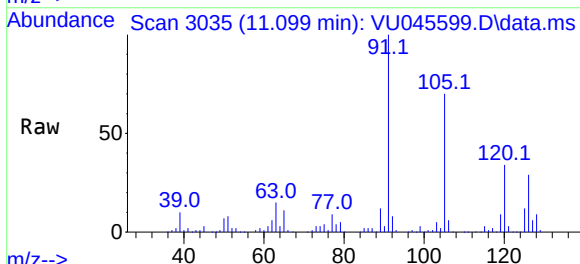
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

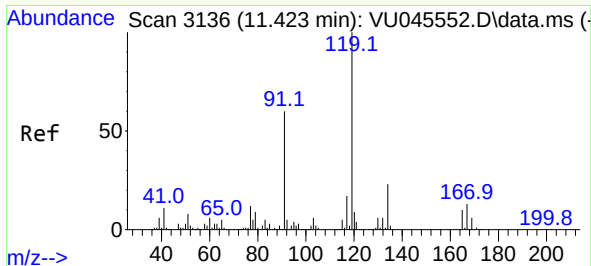
Tgt Ion: 75 Resp: 44678  
Ion Ratio Lower Upper  
75 100  
53 92.2 76.2 114.4  
89 44.6 34.0 51.0



#82  
4-Chlorotoluene  
Concen: 52.150 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 91 Resp: 335973  
Ion Ratio Lower Upper  
91 100  
126 27.9 13.8 41.4

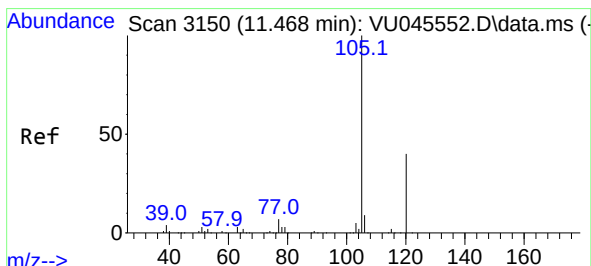
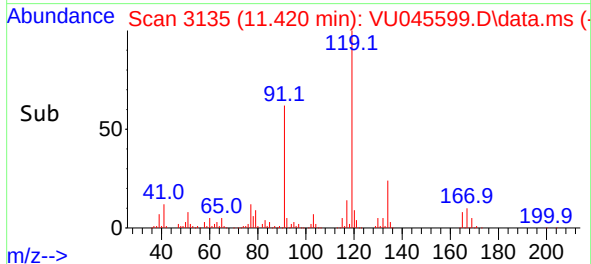
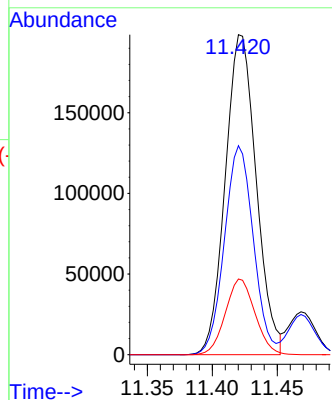
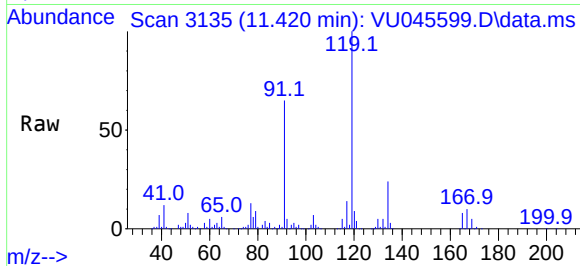




#83  
tert-Butylbenzene  
Concen: 52.923 ug/l  
RT: 11.420 min Scan# 3136  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

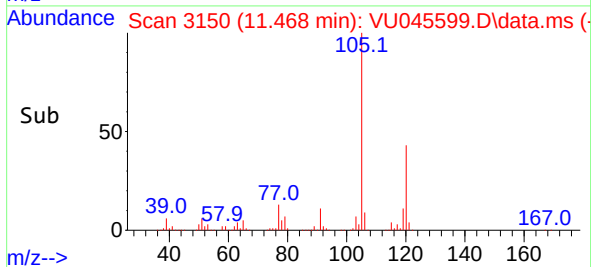
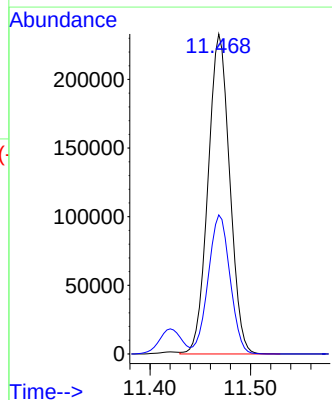
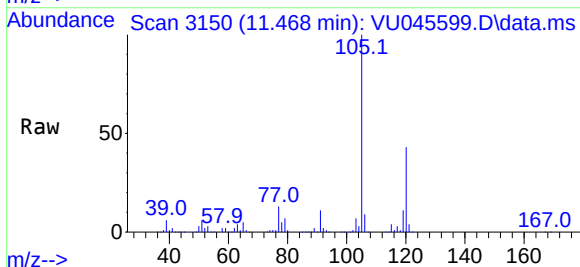
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

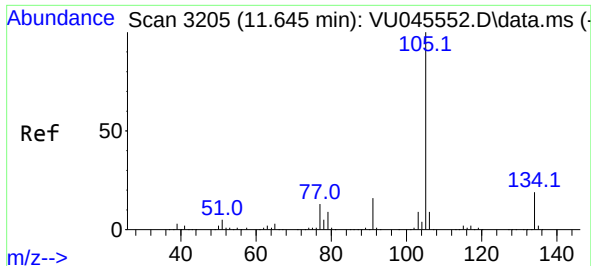
Tgt Ion:119 Resp: 329290  
Ion Ratio Lower Upper  
119 100  
91 60.9 30.5 91.5  
134 22.6 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 53.777 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:105 Resp: 348860  
Ion Ratio Lower Upper  
105 100  
120 43.8 22.2 66.6

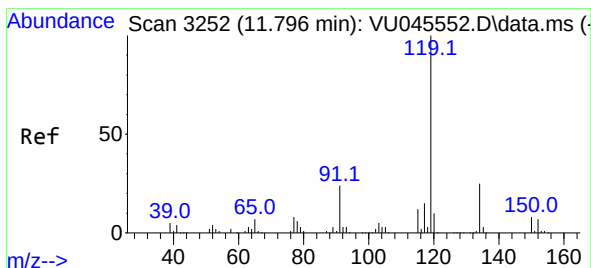
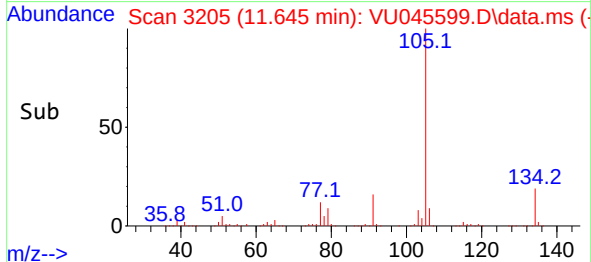
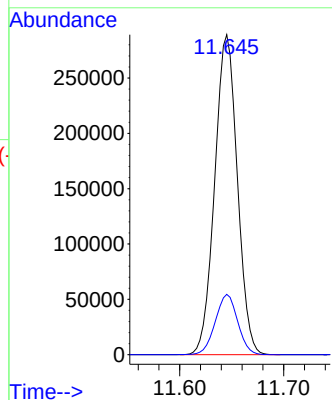
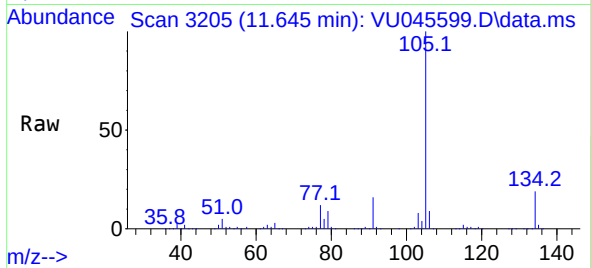




#85  
sec-Butylbenzene  
Concen: 52.944 ug/l  
RT: 11.645 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

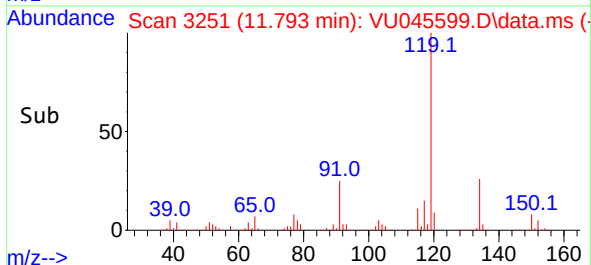
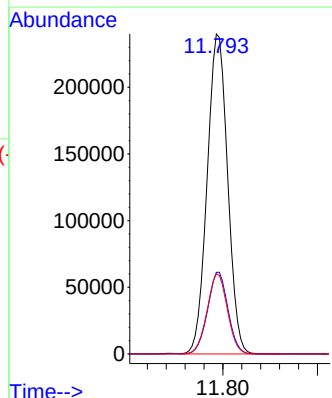
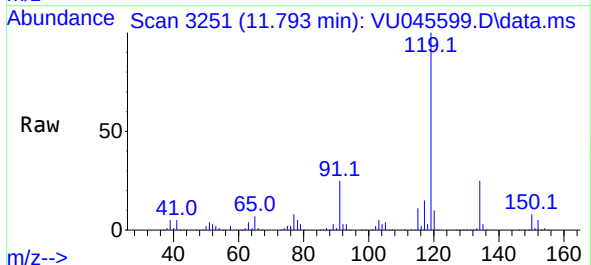
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

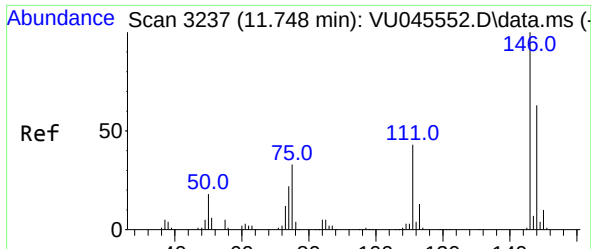
Tgt Ion:105 Resp: 436894  
Ion Ratio Lower Upper  
105 100  
134 18.7 9.4 28.3



#86  
p-Isopropyltoluene  
Concen: 52.336 ug/l  
RT: 11.793 min Scan# 3251  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:119 Resp: 360894  
Ion Ratio Lower Upper  
119 100  
134 25.3 12.7 38.1  
91 24.8 12.2 36.4

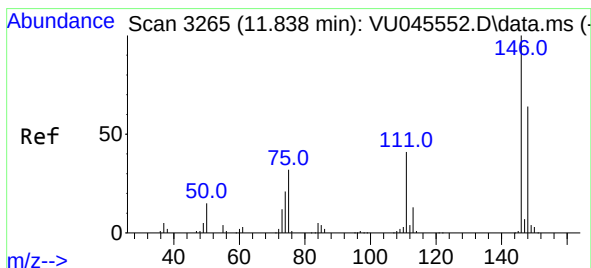
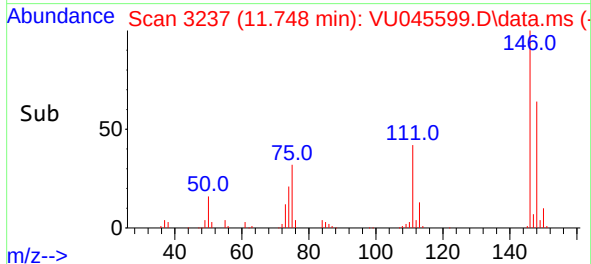
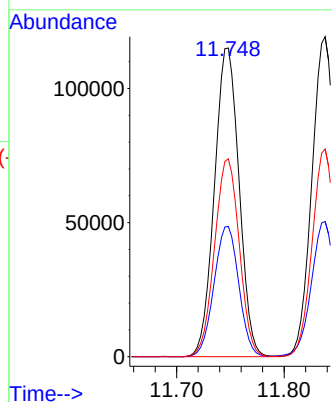
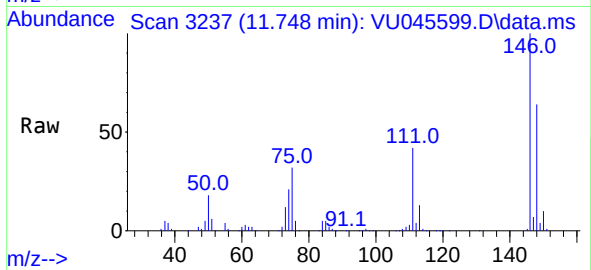




#87  
1,3-Dichlorobenzene  
Concen: 50.116 ug/l  
RT: 11.748 min Scan# 3237  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

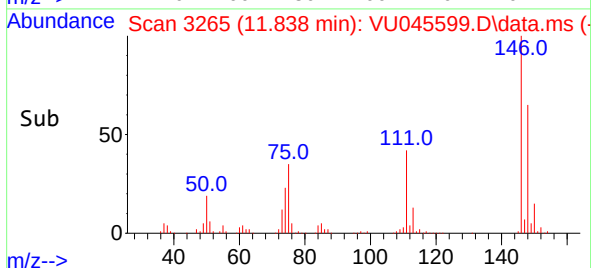
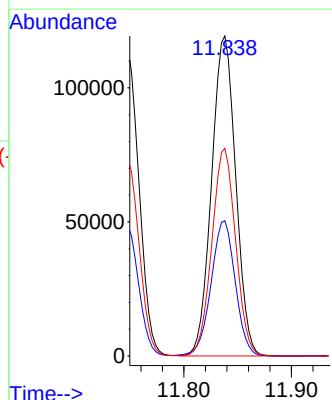
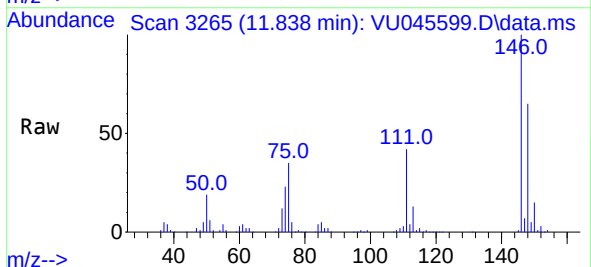
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 183408  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.3 63.9  
148 64.3 31.7 95.1

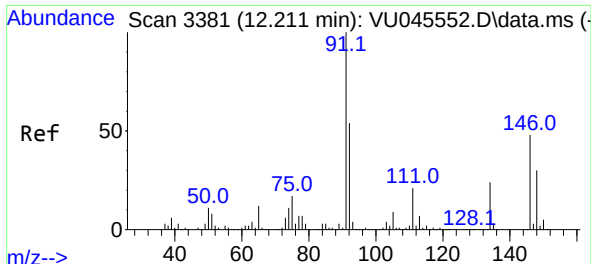


#88  
1,4-Dichlorobenzene  
Concen: 50.255 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:146 Resp: 186012  
Ion Ratio Lower Upper  
146 100  
111 42.4 20.6 61.9  
148 64.0 31.9 95.7





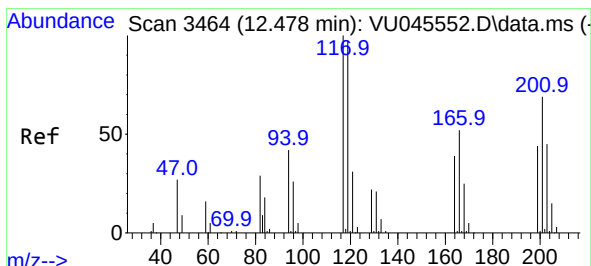
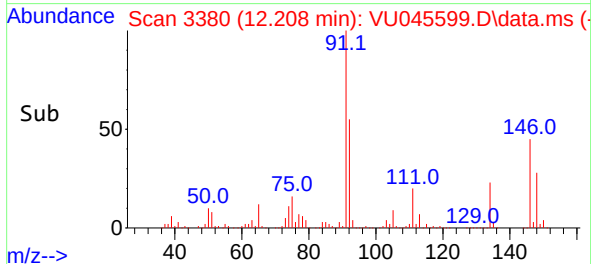
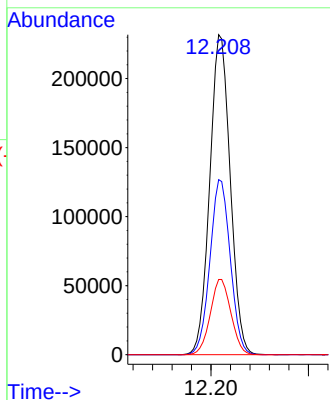
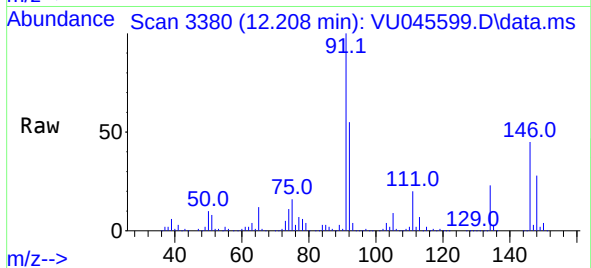


#89  
n-Butylbenzene  
Concen: 50.922 ug/l  
RT: 12.208 min Scan# 3381  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 338257

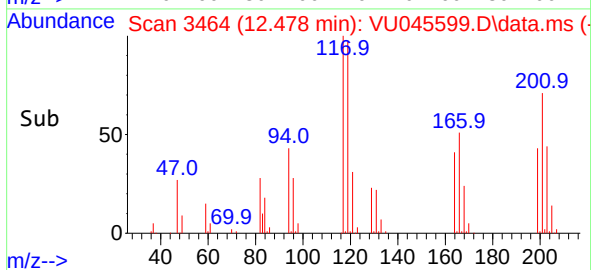
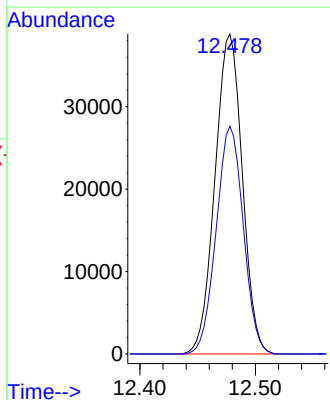
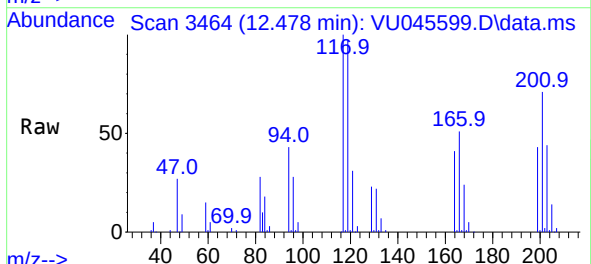
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.3  | 27.1  | 81.2  |
| 134 | 23.7  | 11.8  | 35.4  |

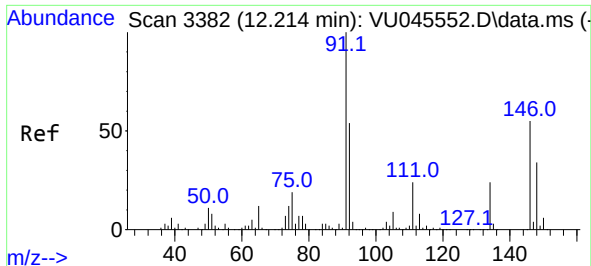


#90  
Hexachloroethane  
Concen: 51.319 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 117 Resp: 63839

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 70.6  | 33.8  | 101.4 |

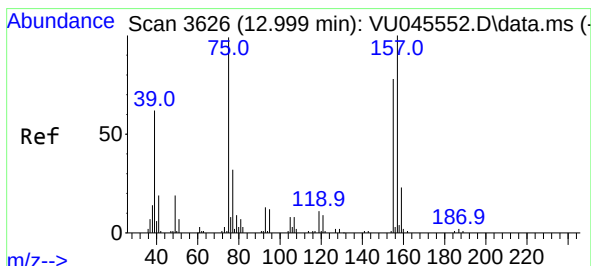
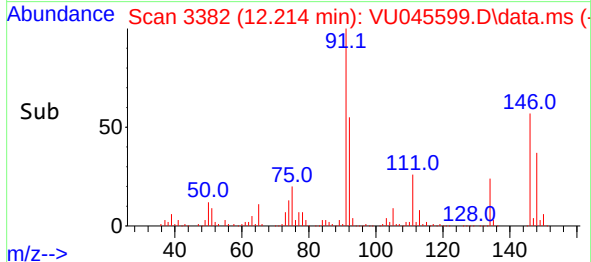
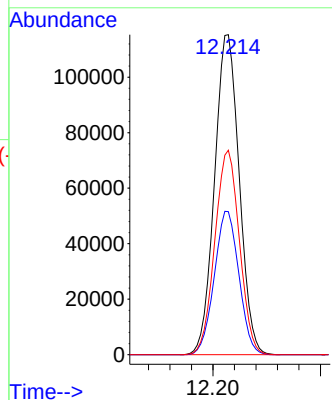
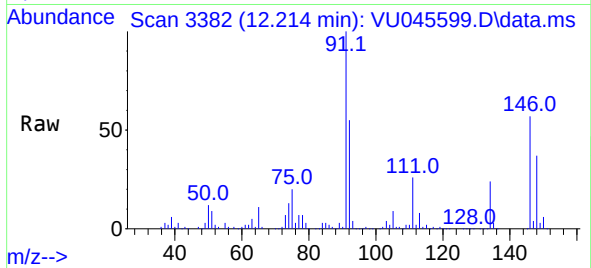




#91  
1,2-Dichlorobenzene  
Concen: 51.635 ug/l  
RT: 12.214 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

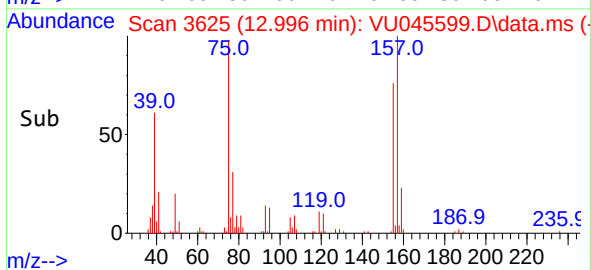
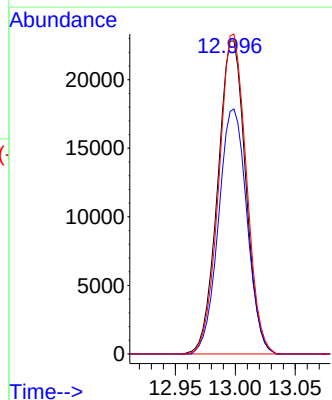
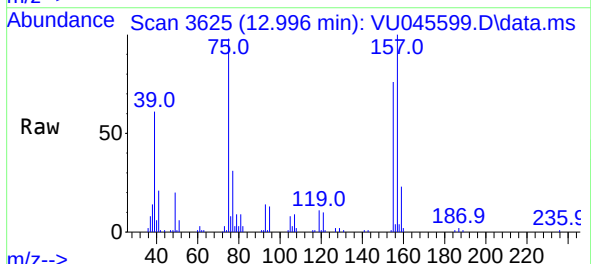
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

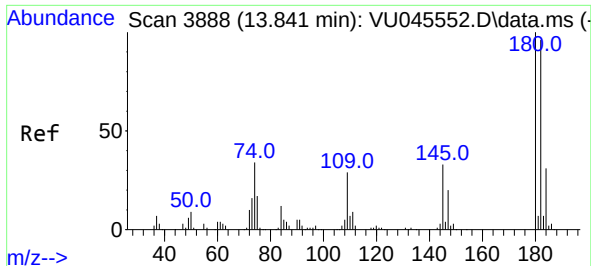
Tgt Ion:146 Resp: 183851  
Ion Ratio Lower Upper  
146 100  
111 44.7 21.9 65.5  
148 63.7 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.847 ug/l  
RT: 12.996 min Scan# 3625  
Delta R.T. -0.003 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion: 75 Resp: 36909  
Ion Ratio Lower Upper  
75 100  
155 79.6 37.8 113.3  
157 100.5 48.4 145.2

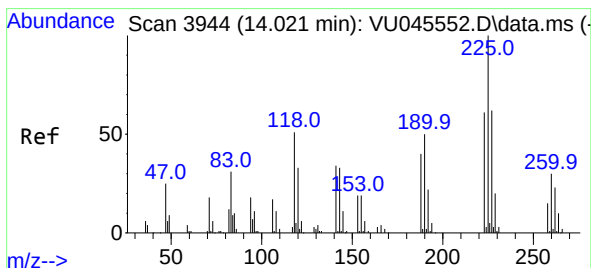
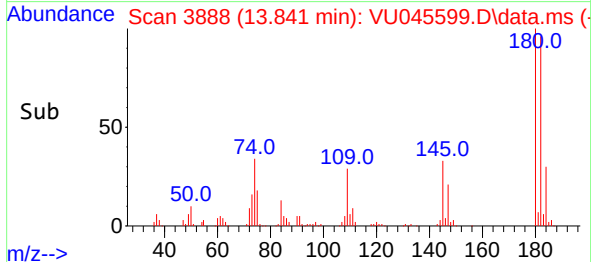
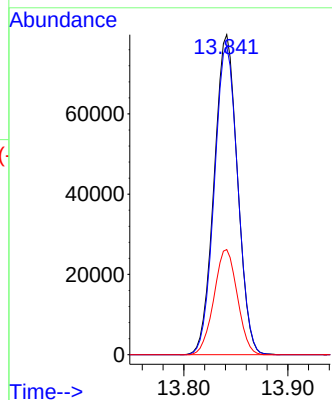
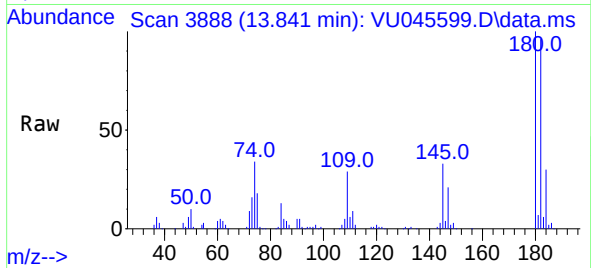




#93  
1,2,4-Trichlorobenzene  
Concen: 50.487 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

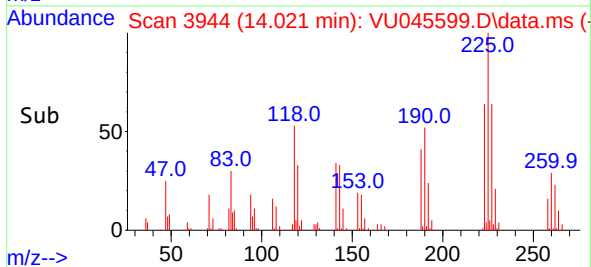
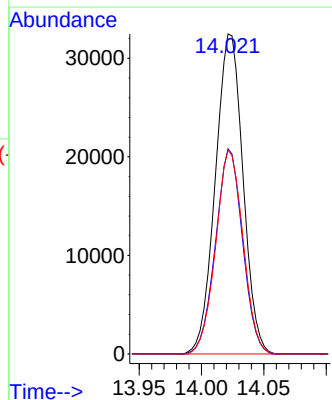
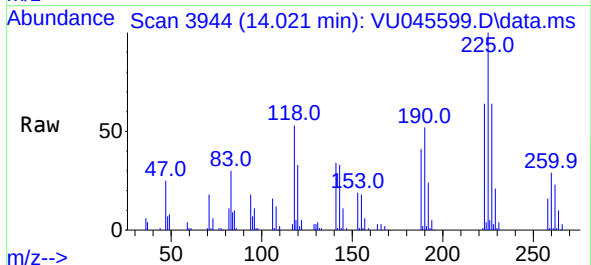
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

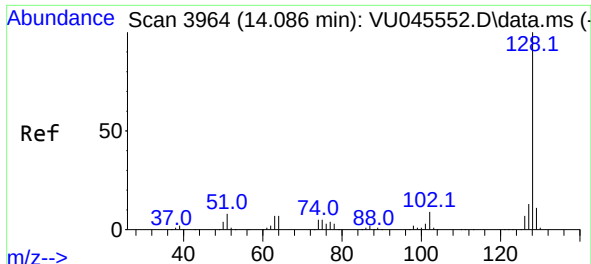
Tgt Ion:180 Resp: 124294  
Ion Ratio Lower Upper  
180 100  
182 96.8 47.0 141.2  
145 33.0 15.6 46.7



#94  
Hexachlorobutadiene  
Concen: 47.166 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:225 Resp: 50123  
Ion Ratio Lower Upper  
225 100  
223 62.7 32.0 96.2  
227 62.8 31.1 93.5



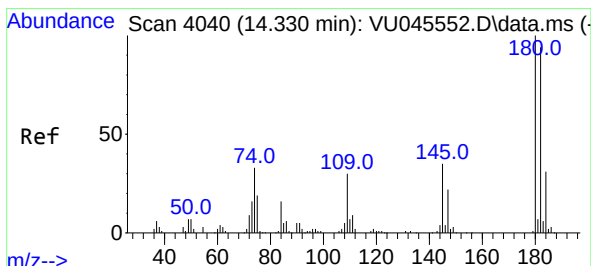
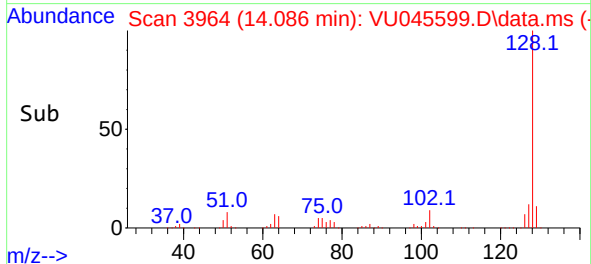
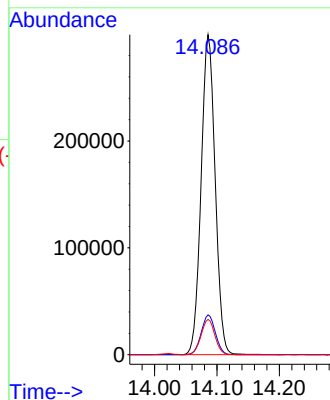
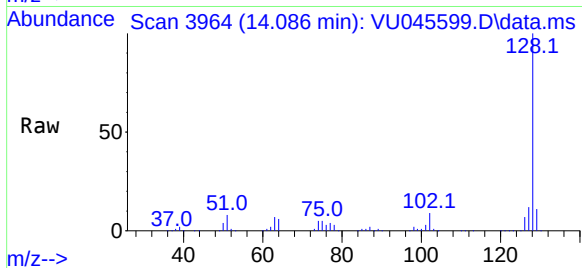


#95  
Naphthalene  
Concen: 50.613 ug/l  
RT: 14.086 min Scan# 3964  
Delta R.T. -0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 468559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.5  | 10.6  | 15.8  |
| 129 | 10.9  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 51.912 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU045599.D  
Acq: 06 Nov 2021 07:28

Tgt Ion:180 Resp: 126942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.8  | 47.7  | 143.1 |
| 145 | 34.7  | 16.7  | 50.0  |

