

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110221\  
 Data File : VU045515.D  
 Acq On : 02 Nov 2021 15:35  
 Operator : SY/MD  
 Sample : VU1102WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

Quant Time: Nov 02 17:22:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 29 11:09:42 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.379  | 168   | 187415   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.253  | 114   | 370684   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.420  | 117   | 350852   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812 | 152   | 170950   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.707  | 65    | 147532   | 48.353   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 96.700%  |
| 35) Dibromofluoromethane     | 5.295  | 113   | 110696   | 46.965   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 93.940%  |
| 50) Toluene-d8               | 7.899  | 98    | 466533   | 50.476   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 100.960% |
| 62) 4-Bromofluorobenzene     | 10.636 | 95    | 178383   | 50.648   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 101.300% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.385  | 85    | 55765    | 20.536   | ug/l   | 100      |
| 3) Chloromethane             | 1.520  | 50    | 72465    | 19.431   | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.607  | 62    | 66873    | 21.600   | ug/l   | 99       |
| 5) Bromomethane              | 1.861  | 94    | 35127    | 18.690   | ug/l   | 97       |
| 6) Chloroethane              | 1.938  | 64    | 26837    | 14.388   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.144  | 101   | 51939    | 14.984   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.379  | 74    | 24715    | 15.379   | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 2.585  | 101   | 45367    | 21.785   | ug/l   | 99       |
| 10) Methyl Iodide            | 2.729  | 142   | 26376    | 20.025   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 3.218  | 59    | 66284    | 100.643  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.585  | 96    | 45766    | 21.374   | ug/l   | 96       |
| 13) Acrolein                 | 2.488  | 56    | 9501     | 64.455   | ug/l   | 100      |
| 14) Allyl chloride           | 2.929  | 41    | 85441    | 21.731   | ug/l   | 100      |
| 15) Acrylonitrile            | 3.321  | 53    | 172001   | 107.717  | ug/l   | 99       |
| 16) Acetone                  | 2.642  | 43    | 144719   | 104.476  | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.800  | 76    | 132444   | 21.255   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.954  | 43    | 109457   | 21.220   | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 3.366  | 73    | 171799   | 21.807   | ug/l   | 100      |
| 20) Methylene Chloride       | 3.051  | 84    | 57239    | 20.737   | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 3.359  | 96    | 49906    | 21.629   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.996  | 45    | 173273   | 22.536   | ug/l   | 96       |
| 23) Vinyl Acetate            | 3.961  | 43    | 656155   | 110.020  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.877  | 63    | 98756    | 21.919   | ug/l   | 99       |
| 25) 2-Butanone               | 4.710  | 43    | 133255   | 63.724   | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 4.671  | 77    | 48351    | 13.853   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.675  | 96    | 43368    | 16.334   | ug/l   | 91       |
| 28) Bromochloromethane       | 4.980  | 49    | 53571    | 24.106   | ug/l   | 92       |
| 29) Tetrahydrofuran          | 5.057  | 42    | 120266   | 88.683   | ug/l   | 97       |
| 30) Chloroform               | 5.092  | 83    | 83335    | 19.076   | ug/l   | 99       |
| 31) Cyclohexane              | 5.392  | 56    | 89849    | 19.779   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.321  | 97    | 73163    | 20.407   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.527  | 75    | 64847    | 18.377   | ug/l   | 100      |
| 37) Ethyl Acetate            | 4.806  | 43    | 51382    | 12.024   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 5.527  | 117   | 55969    | 18.187   | ug/l   | 100      |
| 39) Methylcyclohexane        | 6.768  | 83    | 88226    | 20.106   | ug/l   | 99       |
| 40) Benzene                  | 5.777  | 78    | 193922   | 18.257   | ug/l   | 99       |

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 Sample : VU1102WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

Quant Time: Nov 02 17:22:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 29 11:09:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.977  | 41   | 37097    | 16.403  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 59812    | 15.332  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 5.916  | 43   | 122327   | 18.994  | ug/l   | 99       |
| 44) Trichloroethene           | 6.546  | 130  | 51319    | 20.846  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 57908    | 20.716  | ug/l   | 98       |
| 46) Dibromomethane            | 6.922  | 93   | 38192    | 20.983  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.108  | 83   | 74024    | 20.665  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.961  | 41   | 60120    | 19.695  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.009  | 88   | 29335    | 378.134 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 416469   | 100.052 | ug/l   | 99       |
| 52) Toluene                   | 7.973  | 92   | 133614   | 20.693  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.215  | 75   | 82369    | 20.175  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 89552    | 20.481  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 53263    | 20.195  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.337  | 69   | 87677    | 19.212  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 95287    | 20.353  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 227366   | 94.049  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.687  | 43   | 315470   | 97.818  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.813  | 129  | 49793    | 19.672  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 56256    | 20.364  | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.555  | 164  | 41773    | 20.829  | ug/l   | 99       |
| 65) Chlorobenzene             | 9.449  | 112  | 134705   | 20.250  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 45717    | 20.370  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.571  | 91   | 250025   | 20.518  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.697  | 106  | 192290   | 41.805  | ug/l   | 99       |
| 69) o-Xylene                  | 10.102 | 106  | 92736    | 20.676  | ug/l   | 100      |
| 70) Styrene                   | 10.115 | 104  | 155497   | 19.360  | ug/l   | 99       |
| 71) Bromoform                 | 10.295 | 173  | 35455    | 18.757  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.488 | 105  | 239816   | 20.805  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.321 | 43   | 104649   | 18.254  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.784 | 83   | 92199    | 20.153  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 102645   | 22.536  | ug/l   | 96       |
| 77) Bromobenzene              | 10.784 | 156  | 56685    | 21.076  | ug/l   | 99       |
| 78) n-propylbenzene           | 10.909 | 91   | 296511   | 21.217  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.989 | 91   | 176242   | 20.952  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 204037   | 21.036  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.549 | 75   | 26697    | 18.208  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 205303   | 21.463  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.423 | 119  | 191249   | 20.427  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 204462   | 21.038  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.645 | 105  | 255035   | 20.758  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.796 | 119  | 210416   | 19.447  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.748 | 146  | 106681   | 20.094  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 108565   | 19.997  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.211 | 91   | 196334   | 19.022  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.478 | 117  | 33419    | 19.057  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 107890   | 20.318  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 12.999 | 75   | 20782    | 18.913  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 70375    | 19.791  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 14.025 | 225  | 25092    | 19.380  | ug/l   | 98       |
| 95) Naphthalene               | 14.089 | 128  | 263776   | 18.825  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 72508    | 20.229  | ug/l   | 99       |

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Data File : VU045515.D  
Acq On : 02 Nov 2021 15:35  
Operator : SY/MD  
Sample : VU1102WBS02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

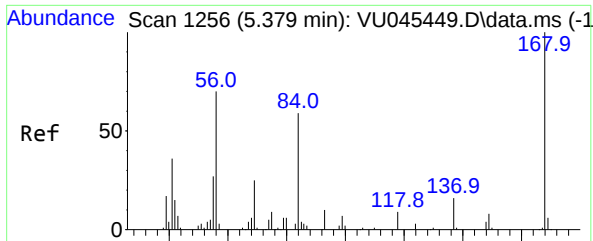
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 29 11:09:42 2021  
Response via : Initial Calibration

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

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

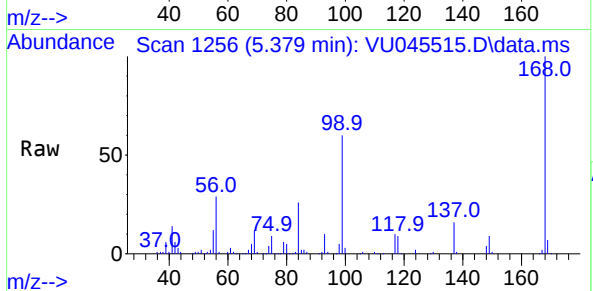
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U102821W.M  
Quant Title : SW846 8260  
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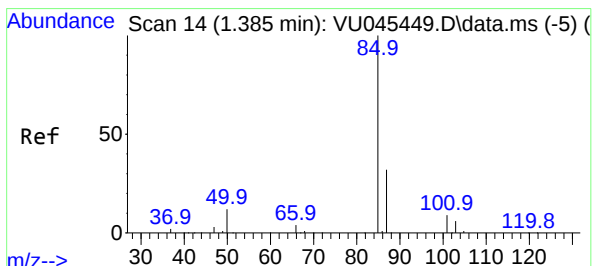
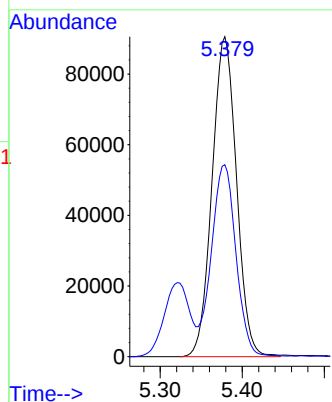
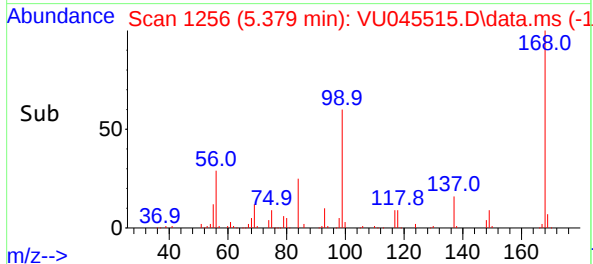


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.379 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

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MSVOA\_U  
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VU1102WBS02

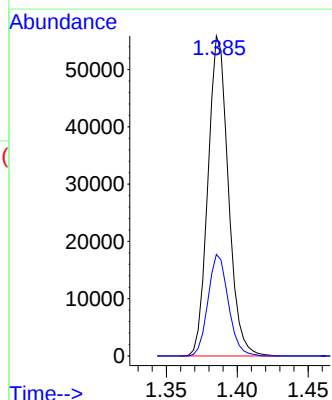
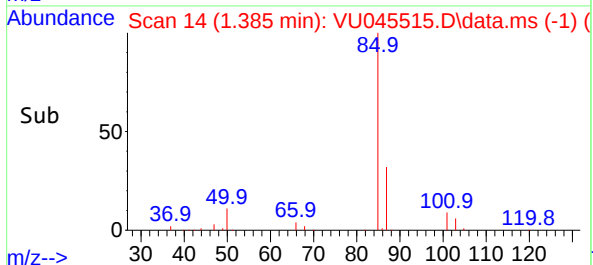
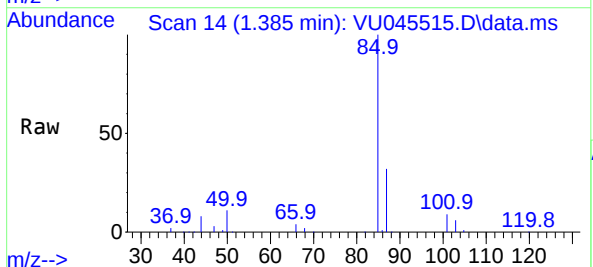


Tgt Ion:168 Resp: 187415  
Ion Ratio Lower Upper  
168 100  
99 59.8 51.0 76.6

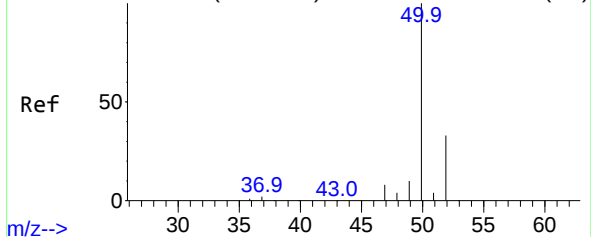


#2  
Dichlorodifluoromethane  
Concen: 20.536 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 85 Resp: 55765  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.9 47.7



Abundance Scan 56 (1.520 min): VU045449.D\data.ms (-47)



#3

Chloromethane

Concen: 19.431 ug/l

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

VU1102WBS02

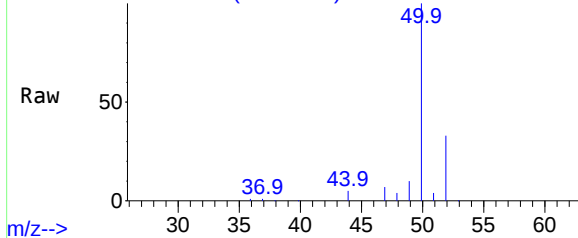
Tgt Ion: 50 Resp: 72465

Ion Ratio Lower Upper

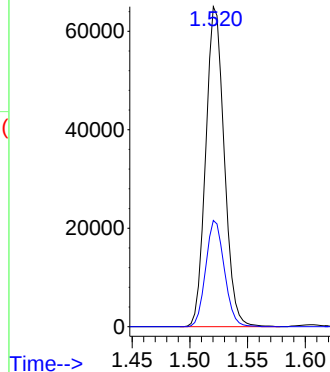
50 100

52 33.2 26.6 40.0

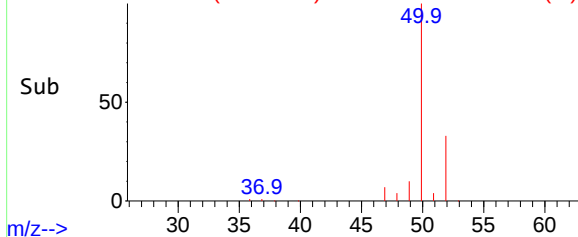
Abundance Scan 56 (1.520 min): VU045515.D\data.ms



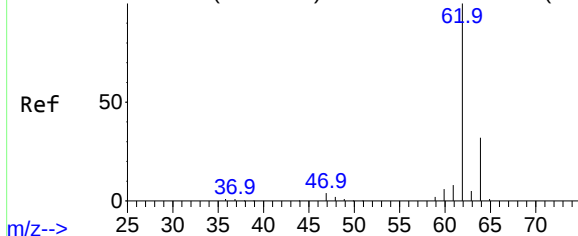
Abundance



Abundance Scan 56 (1.520 min): VU045515.D\data.ms (-1) (



Abundance Scan 82 (1.604 min): VU045449.D\data.ms (-73)



#4

Vinyl Chloride

Concen: 21.600 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

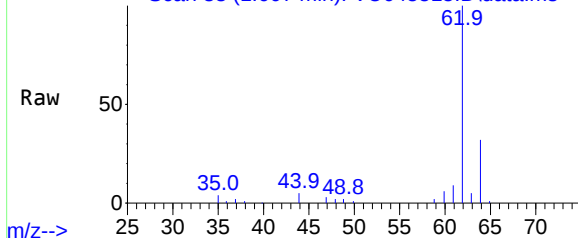
Tgt Ion: 62 Resp: 66873

Ion Ratio Lower Upper

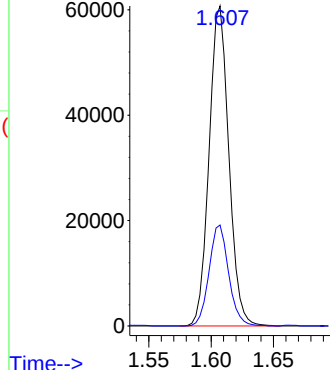
62 100

64 31.6 25.8 38.6

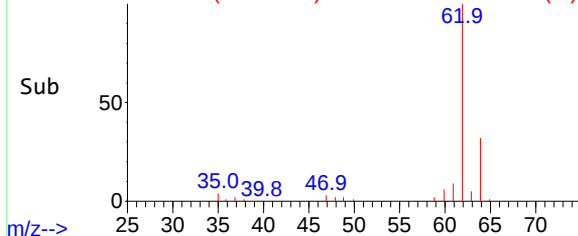
Abundance Scan 83 (1.607 min): VU045515.D\data.ms

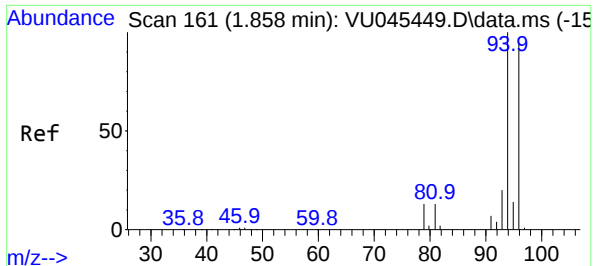


Abundance



Abundance Scan 83 (1.607 min): VU045515.D\data.ms (-1) (

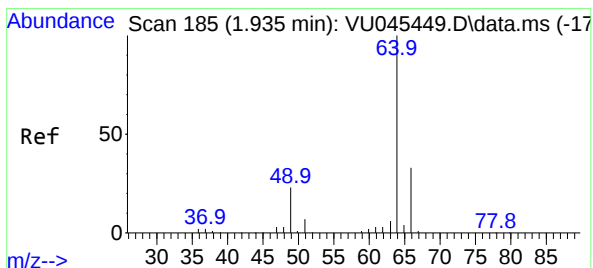
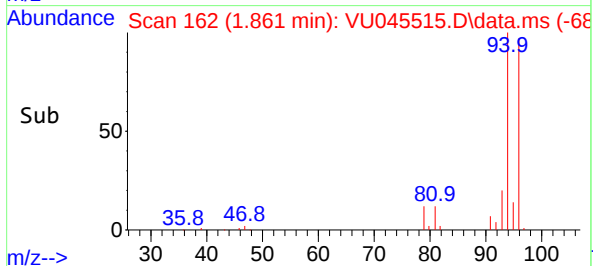
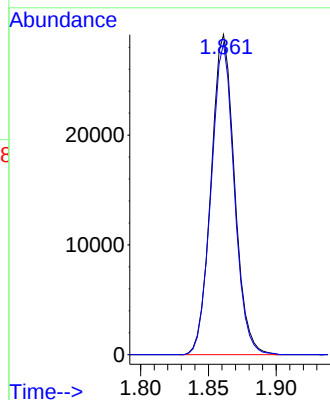
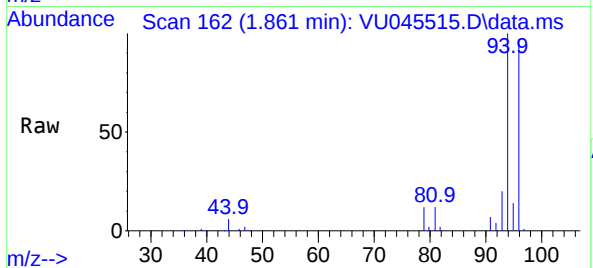




#5  
Bromomethane  
Concen: 18.690 ug/l  
RT: 1.861 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

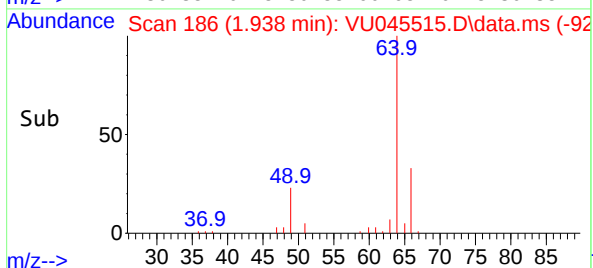
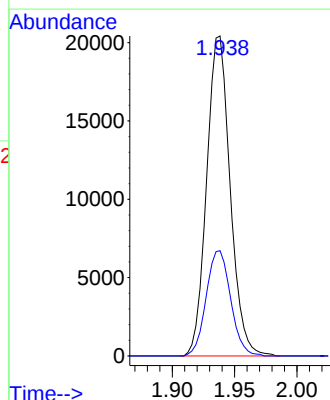
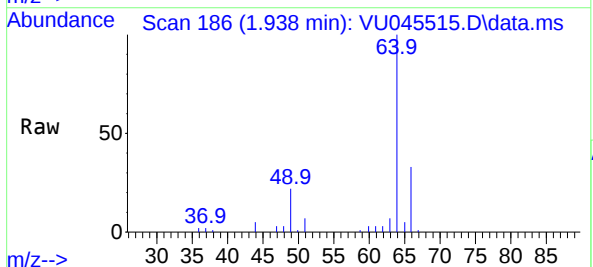
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

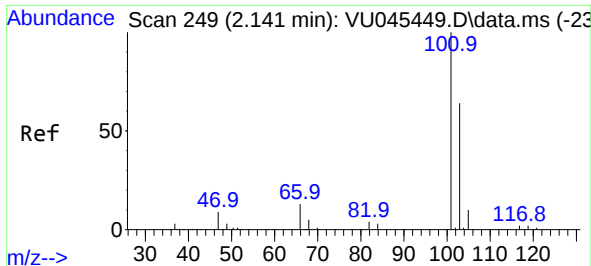
Tgt Ion: 94 Resp: 35127  
Ion Ratio Lower Upper  
94 100  
96 97.2 75.4 113.2



#6  
Chloroethane  
Concen: 14.388 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 64 Resp: 26837  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.7 40.1

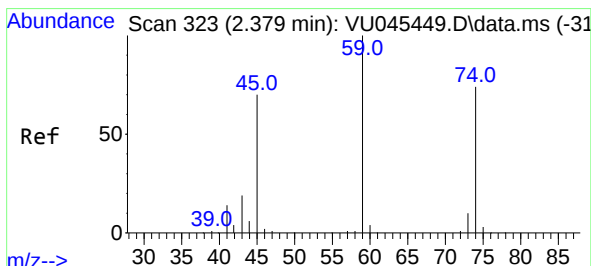
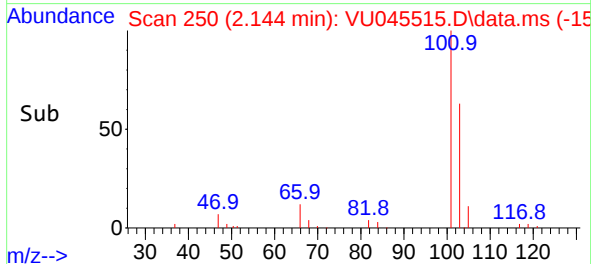
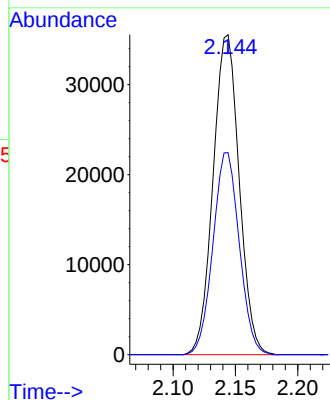
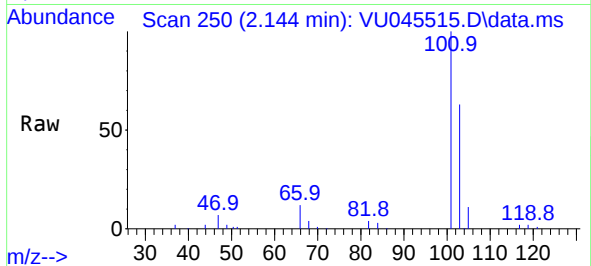




#7  
Trichlorofluoromethane  
Concen: 14.984 ug/l  
RT: 2.144 min Scan# 249  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

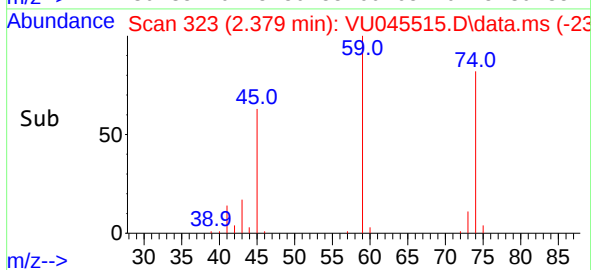
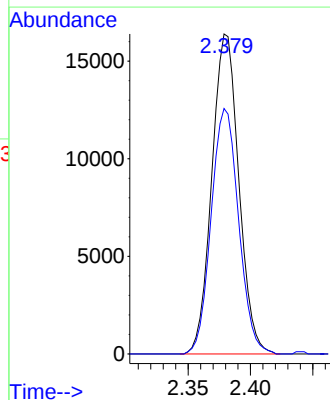
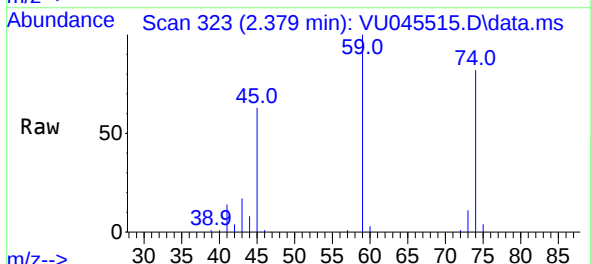
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

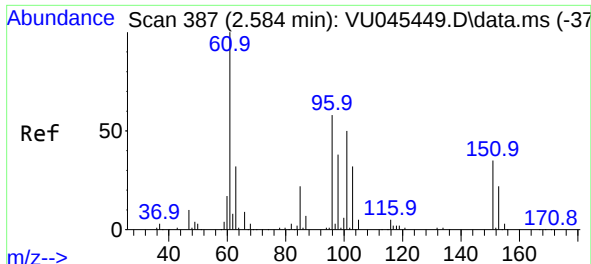
Tgt Ion:101 Resp: 51939  
Ion Ratio Lower Upper  
101 100  
103 63.1 51.4 77.0



#8  
Diethyl Ether  
Concen: 15.379 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 74 Resp: 24715  
Ion Ratio Lower Upper  
74 100  
45 78.1 47.3 141.8

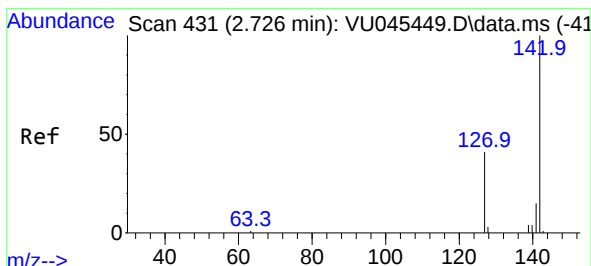
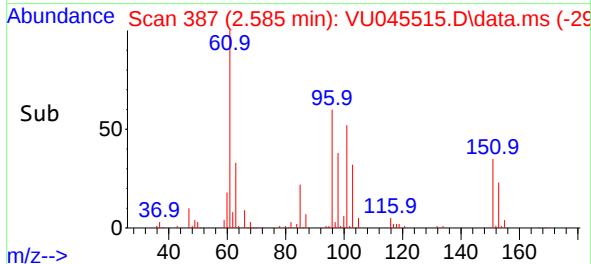
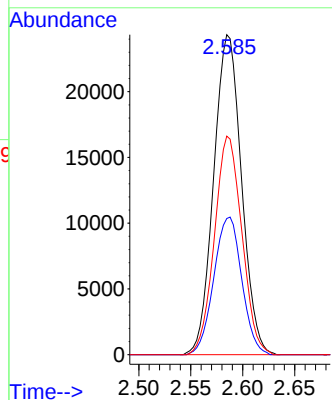
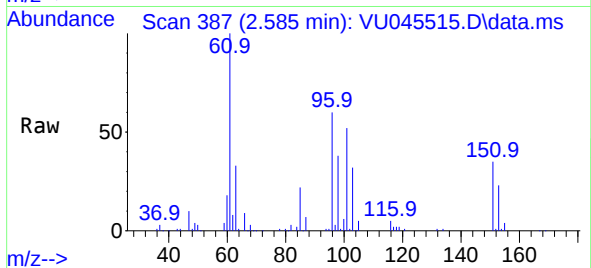




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.785 ug/l  
RT: 2.585 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

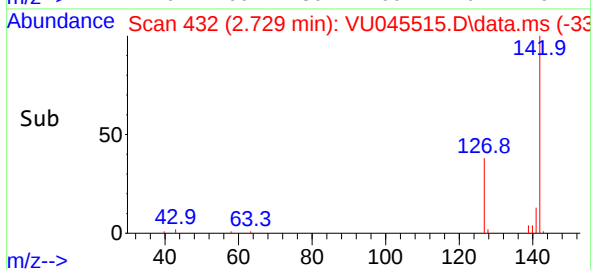
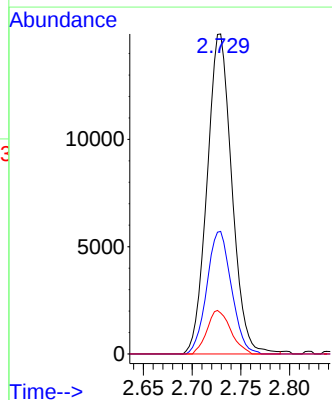
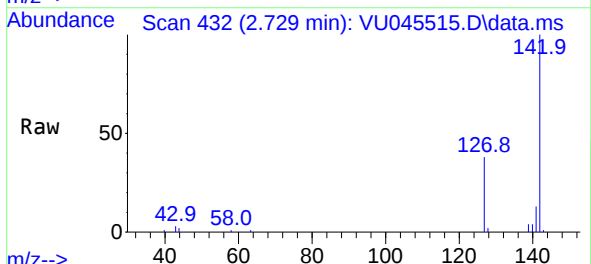
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

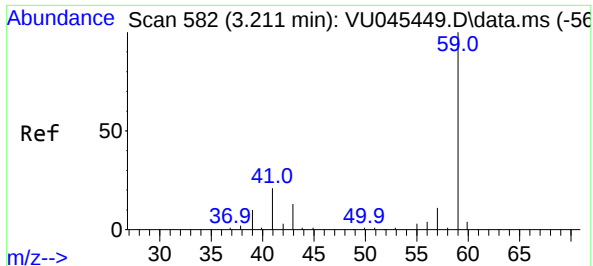
Tgt Ion:101 Resp: 45367  
Ion Ratio Lower Upper  
101 100  
85 43.2 35.0 52.4  
151 67.3 54.6 82.0



#10  
Methyl Iodide  
Concen: 20.025 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:142 Resp: 26376  
Ion Ratio Lower Upper  
142 100  
127 38.0 32.2 48.2  
141 13.0 11.3 16.9

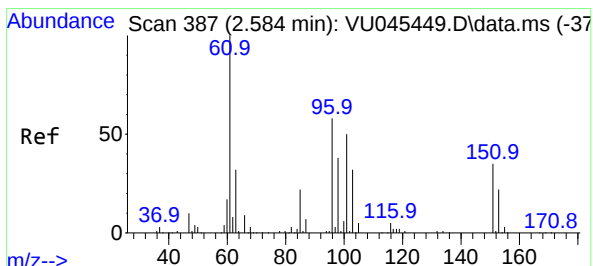
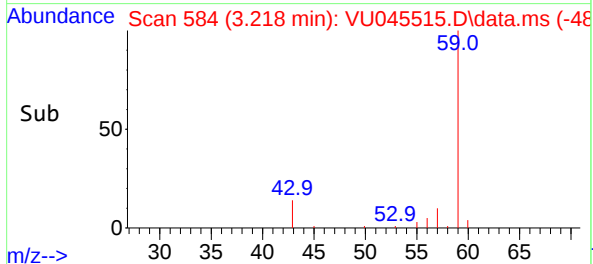
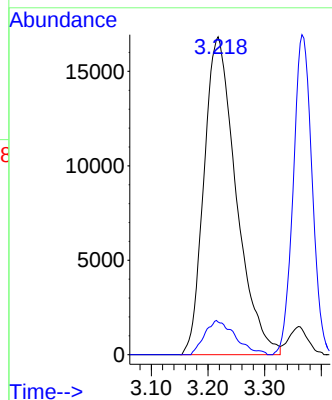
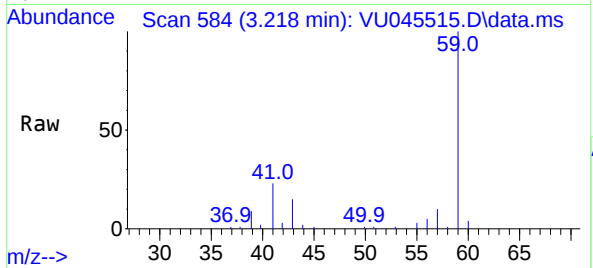




#11  
Tert butyl alcohol  
Concen: 100.643 ug/l  
RT: 3.218 min Scan# 584  
Delta R.T. 0.007 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

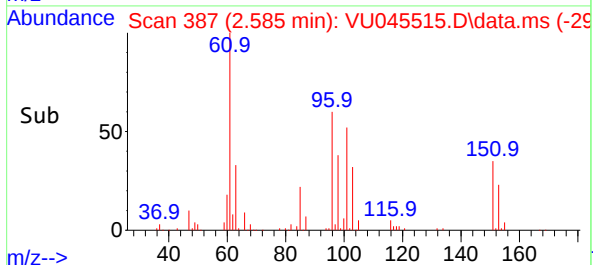
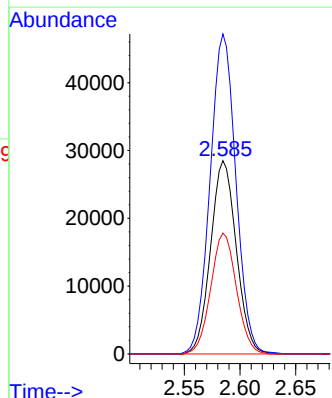
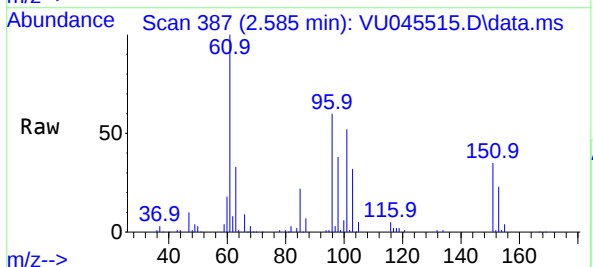
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

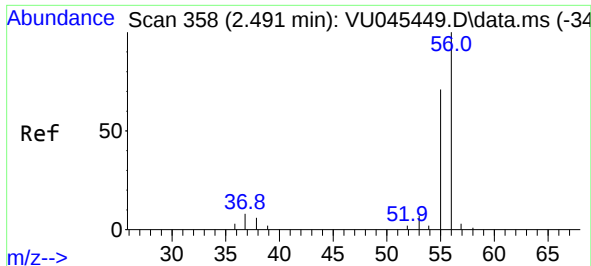
Tgt Ion: 59 Resp: 66284  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 21.374 ug/l  
RT: 2.585 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 96 Resp: 45766  
Ion Ratio Lower Upper  
96 100  
61 165.5 137.1 205.7  
98 62.5 51.5 77.3

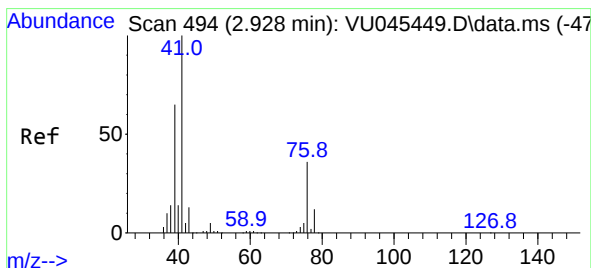
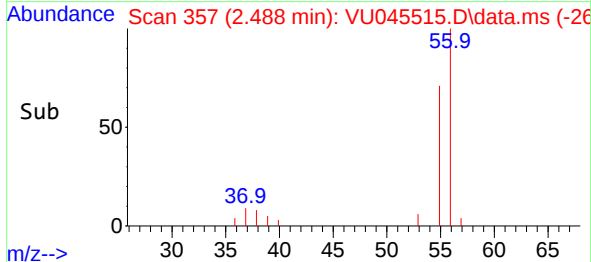
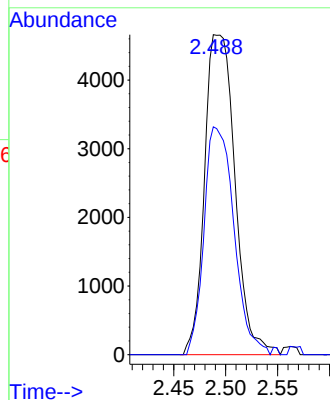
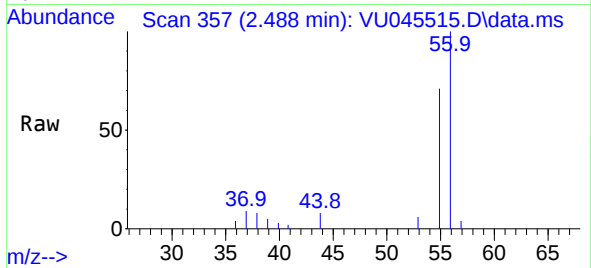




#13  
Acrolein  
Concen: 64.455 ug/l  
RT: 2.488 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

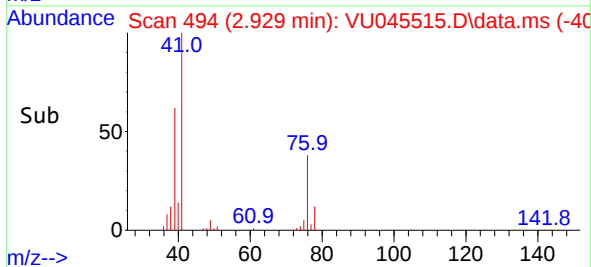
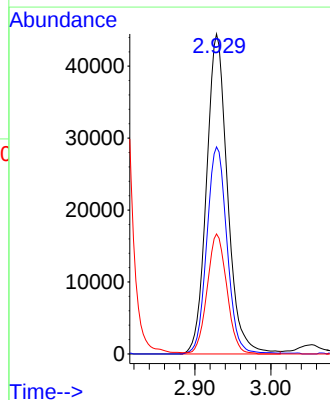
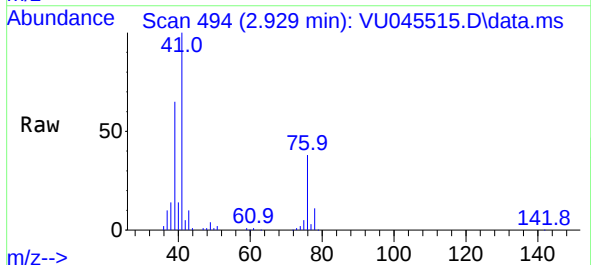
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

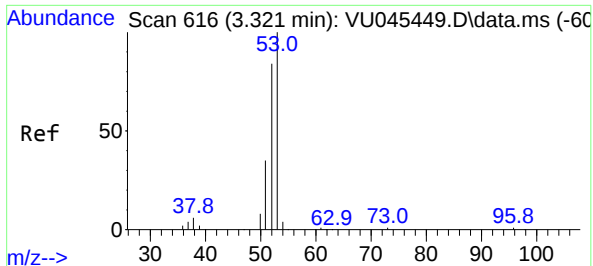
Tgt Ion: 56 Resp: 9501  
Ion Ratio Lower Upper  
56 100  
55 70.0 56.3 84.5



#14  
Allyl chloride  
Concen: 21.731 ug/l  
RT: 2.929 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 41 Resp: 85441  
Ion Ratio Lower Upper  
41 100  
39 62.2 49.7 74.5  
76 35.1 27.7 41.5

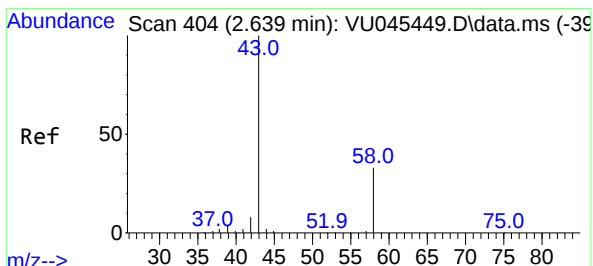
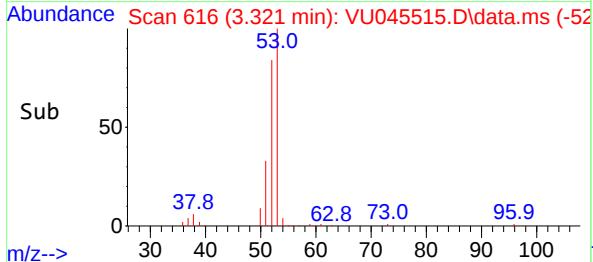
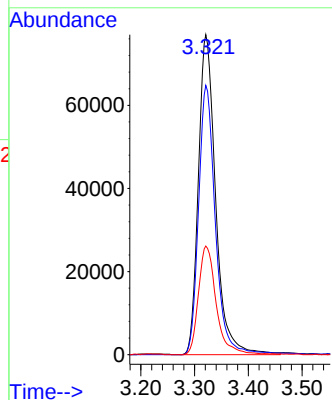
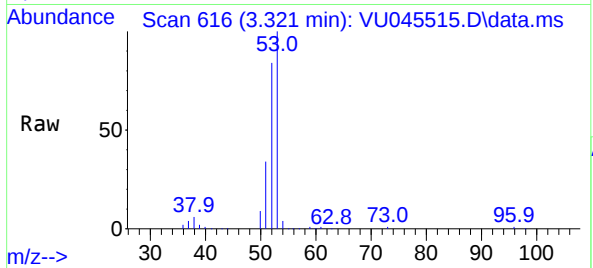




#15  
Acrylonitrile  
Concen: 107.717 ug/l  
RT: 3.321 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

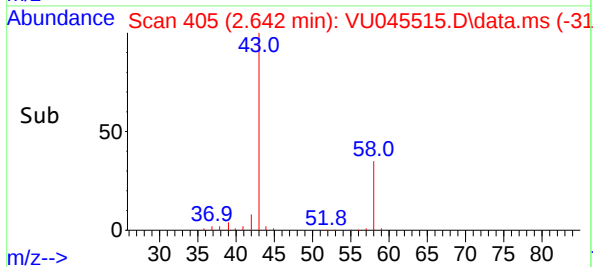
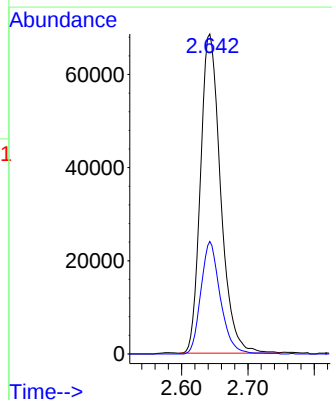
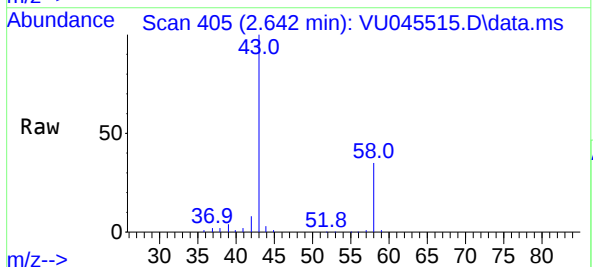
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

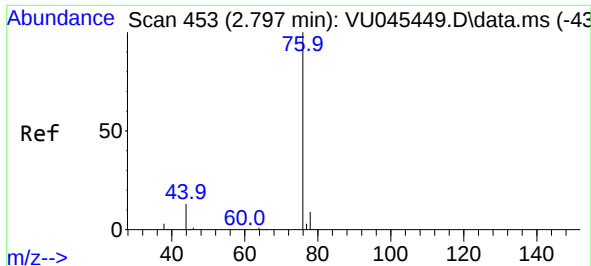
Tgt Ion: 53 Resp: 172001  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.6 100.0  
51 34.9 28.4 42.6



#16  
Acetone  
Concen: 104.476 ug/l  
RT: 2.642 min Scan# 405  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 43 Resp: 144719  
Ion Ratio Lower Upper  
43 100  
58 35.3 26.2 39.2

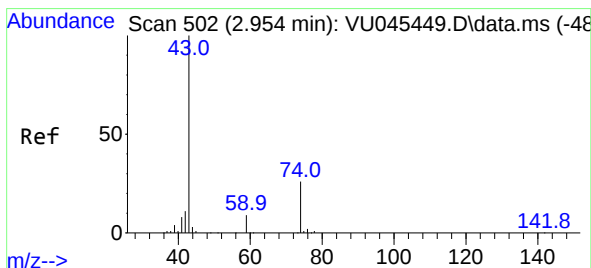
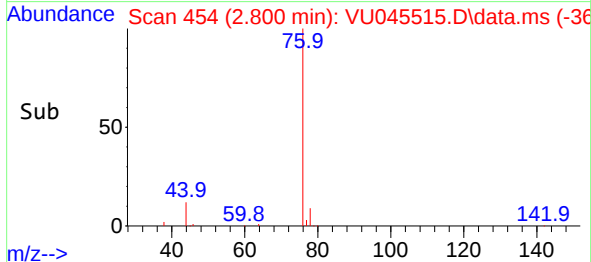
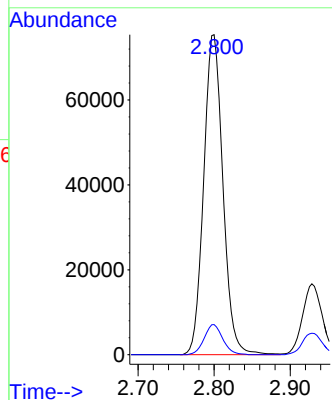
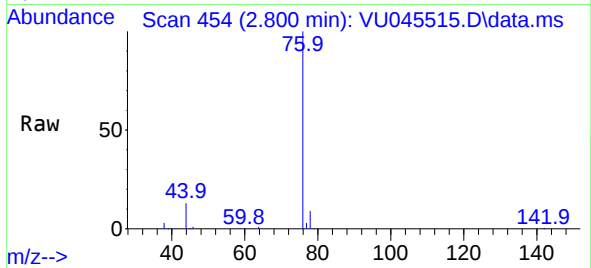




#17  
Carbon Disulfide  
Concen: 21.255 ug/l  
RT: 2.800 min Scan# 453  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

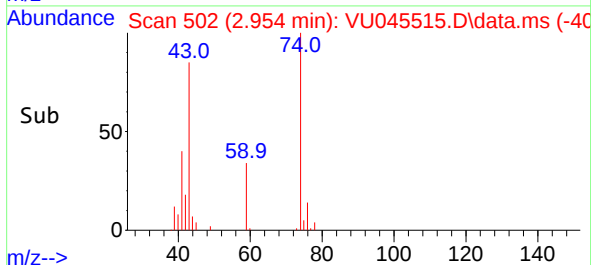
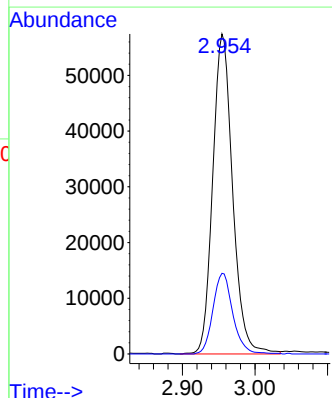
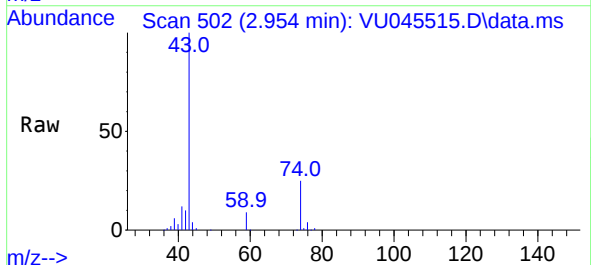
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

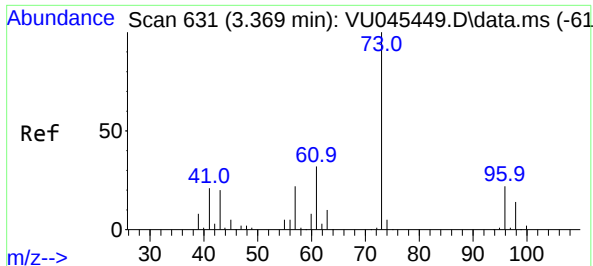
Tgt Ion: 76 Resp: 132444  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.220 ug/l  
RT: 2.954 min Scan# 502  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 43 Resp: 109457  
Ion Ratio Lower Upper  
43 100  
74 25.2 20.2 30.2

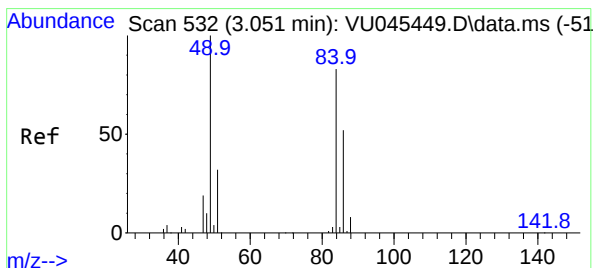
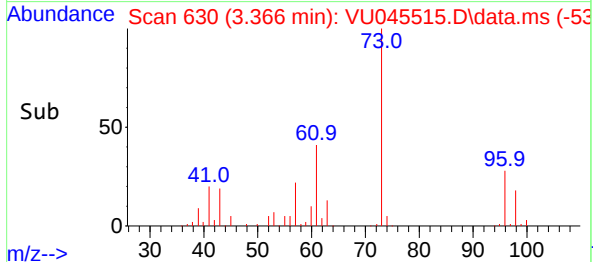
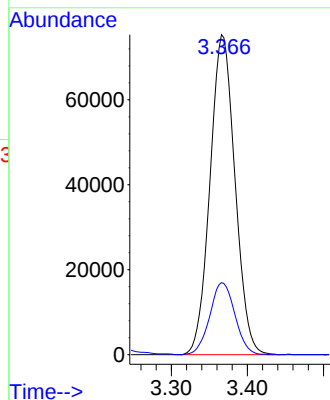
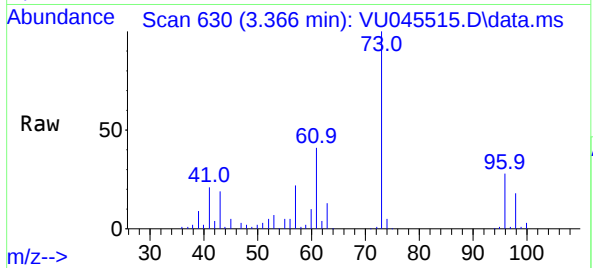




#19  
Methyl tert-butyl Ether  
Concen: 21.807 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

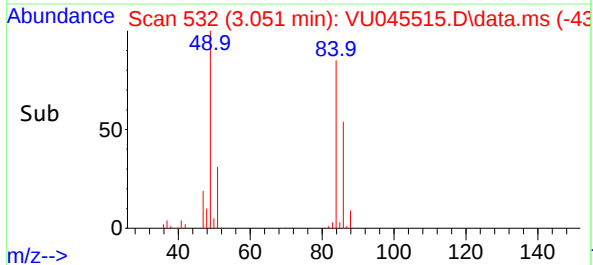
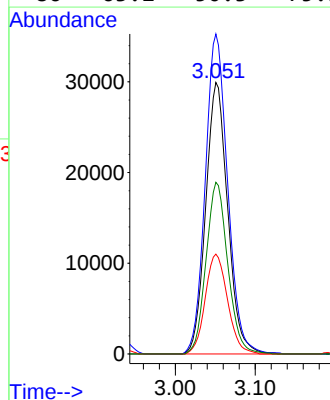
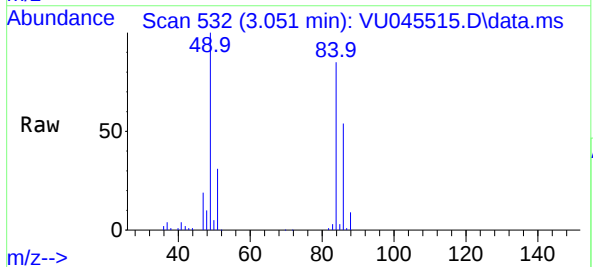
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

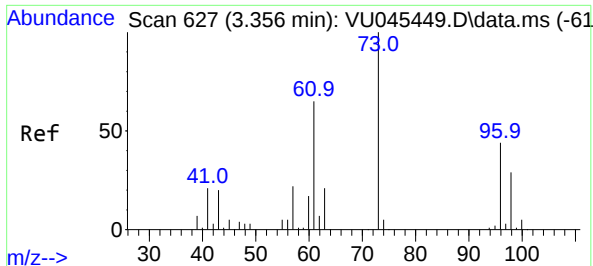
Tgt Ion: 73 Resp: 171799  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.1 27.1



#20  
Methylene Chloride  
Concen: 20.737 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 84 Resp: 57239  
Ion Ratio Lower Upper  
84 100  
49 117.9 96.4 144.6  
51 36.8 30.5 45.7  
86 63.2 50.3 75.5

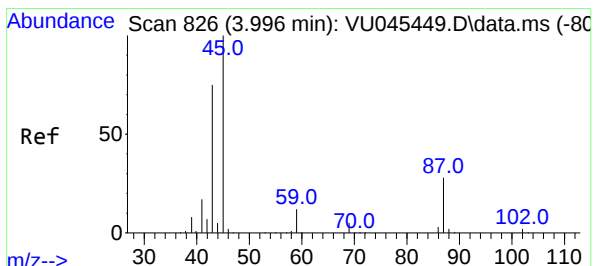
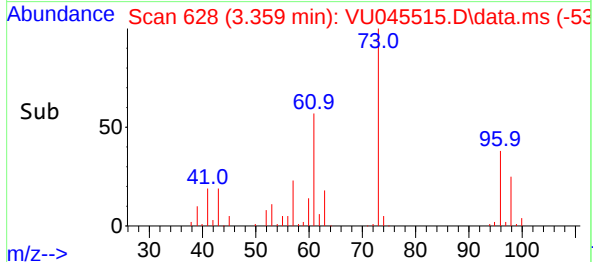
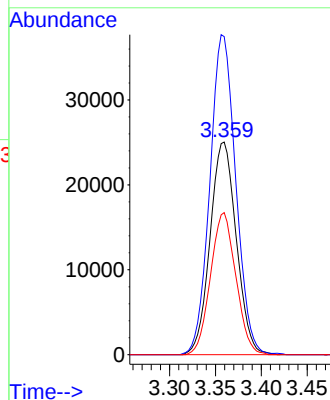
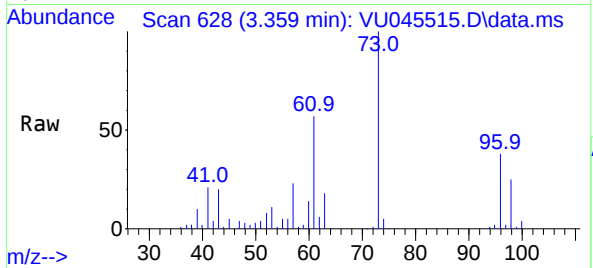




#21  
trans-1,2-Dichloroethene  
Concen: 21.629 ug/l  
RT: 3.359 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

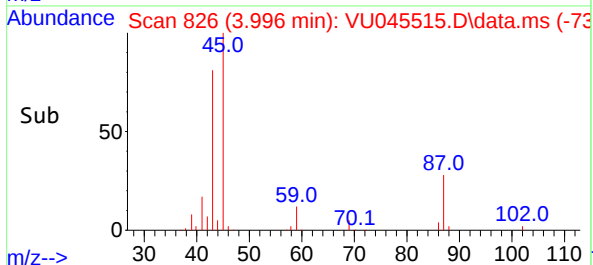
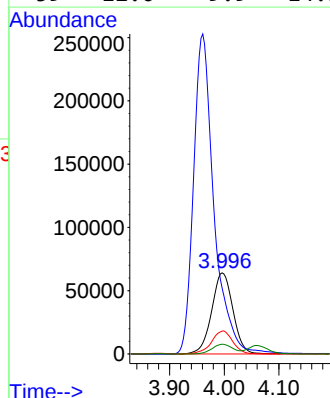
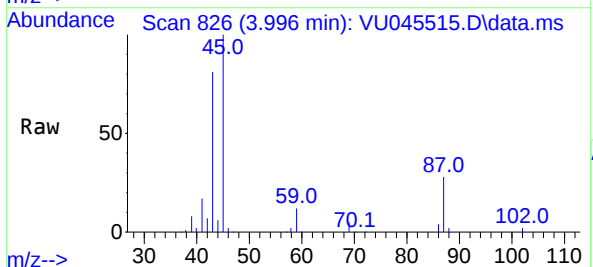
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

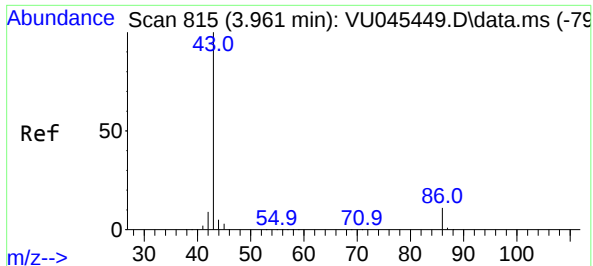
Tgt Ion: 96 Resp: 49906  
Ion Ratio Lower Upper  
96 100  
61 149.6 118.2 177.4  
98 66.8 52.1 78.1



#22  
Diisopropyl ether  
Concen: 22.536 ug/l  
RT: 3.996 min Scan# 826  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 45 Resp: 173273  
Ion Ratio Lower Upper  
45 100  
43 80.0 60.0 90.0  
87 28.3 22.3 33.5  
59 12.0 9.9 14.9

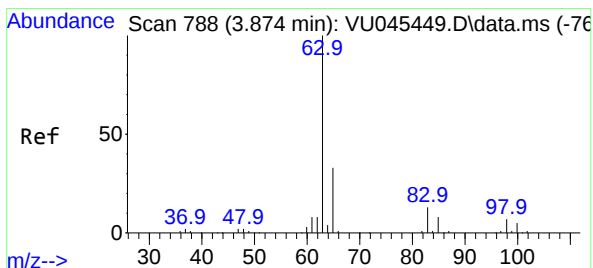
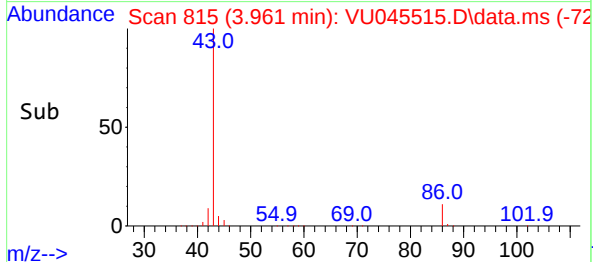
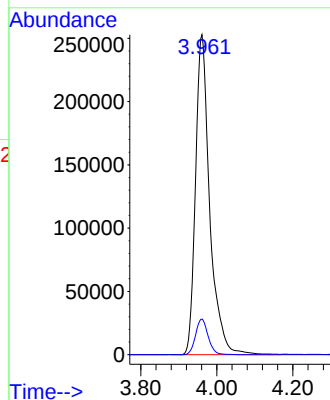
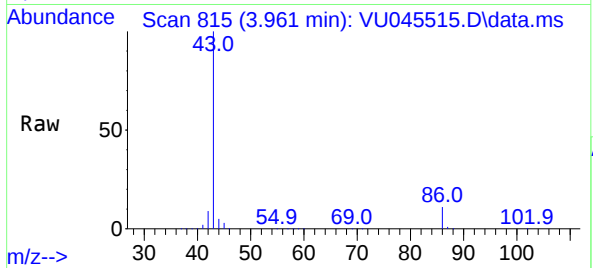




#23  
 Vinyl Acetate  
 Concen: 110.020 ug/l  
 RT: 3.961 min Scan# 815  
 Delta R.T. 0.000 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

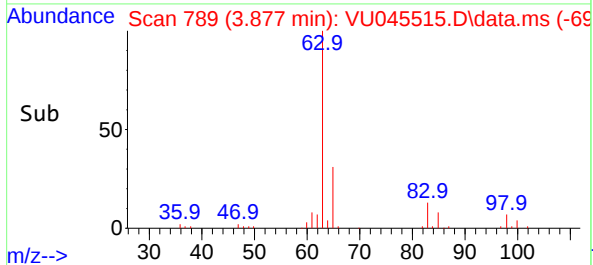
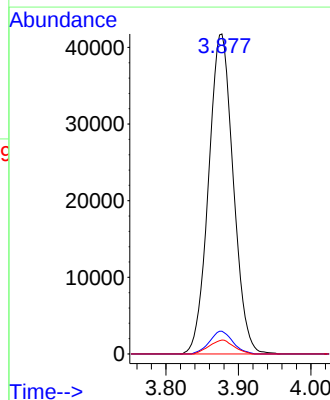
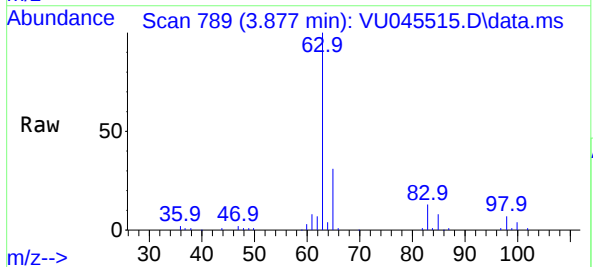
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

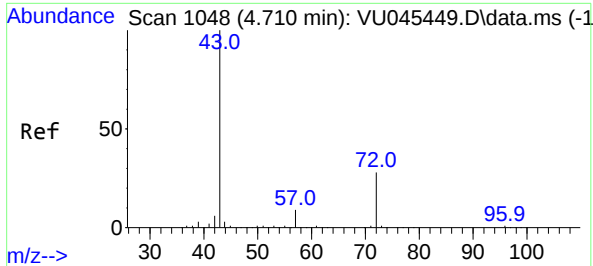
Tgt Ion: 43 Resp: 656155  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 21.919 ug/l  
 RT: 3.877 min Scan# 789  
 Delta R.T. 0.003 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

Tgt Ion: 63 Resp: 98756  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.6  
 100 4.4 2.4 7.2

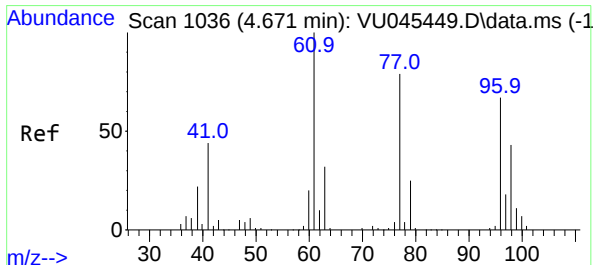
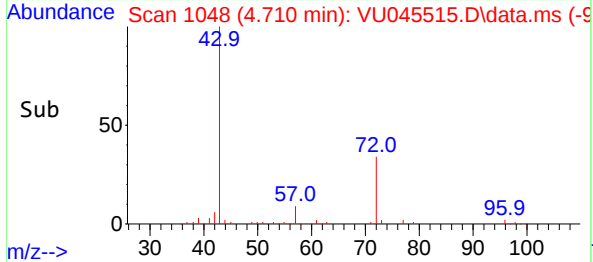
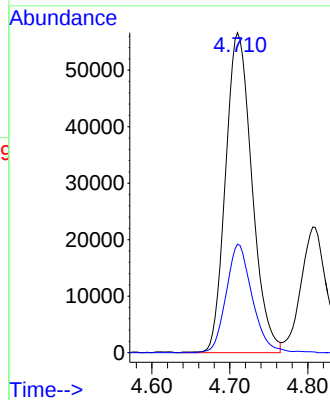
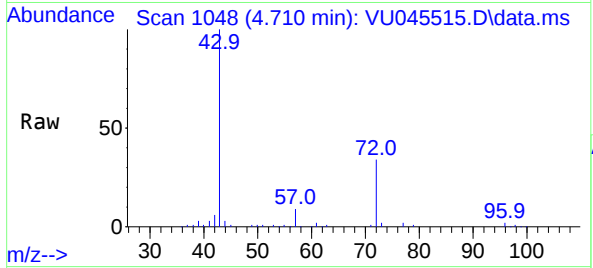




#25  
2-Butanone  
Concen: 63.724 ug/l  
RT: 4.710 min Scan# 1048  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

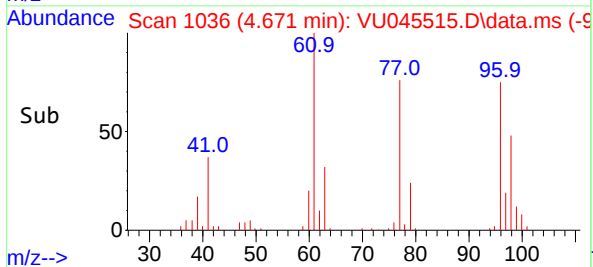
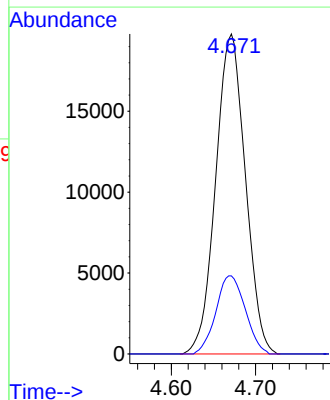
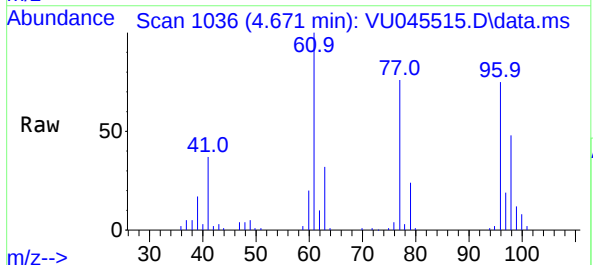
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

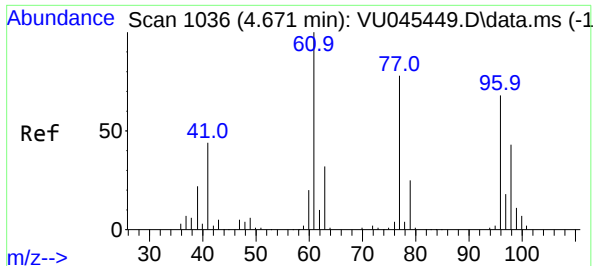
Tgt Ion: 43 Resp: 133255  
Ion Ratio Lower Upper  
43 100  
72 33.9 22.0 33.0#



#26  
2,2-Dichloropropane  
Concen: 13.853 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 77 Resp: 48351  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.4 34.1

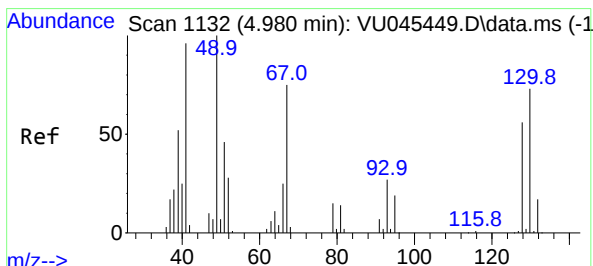
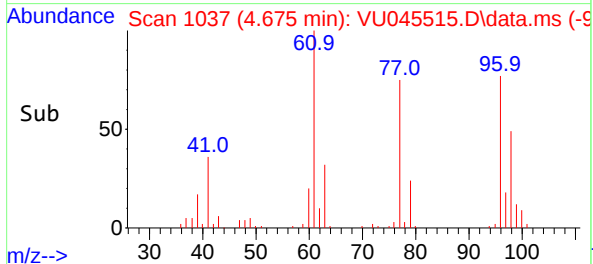
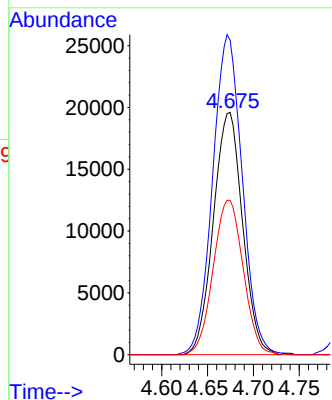
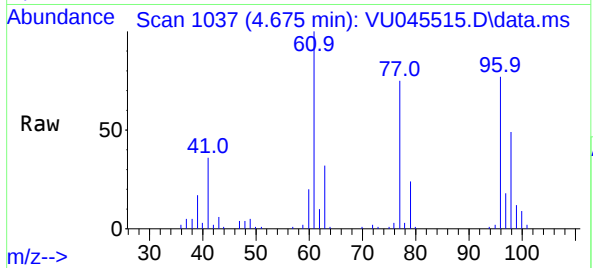




#27  
 cis-1,2-Dichloroethene  
 Concen: 16.334 ug/l  
 RT: 4.675 min Scan# 1036  
 Delta R.T. 0.003 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

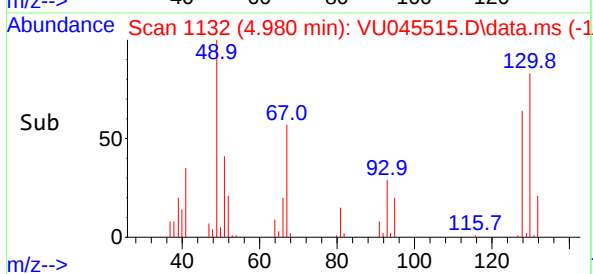
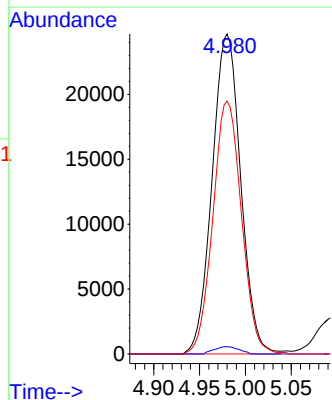
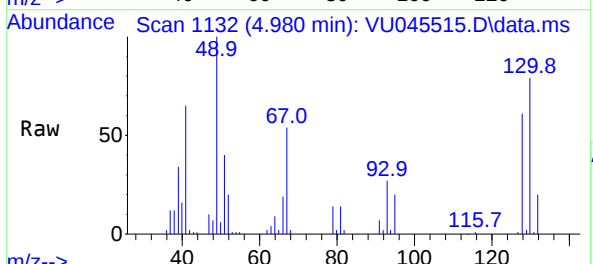
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

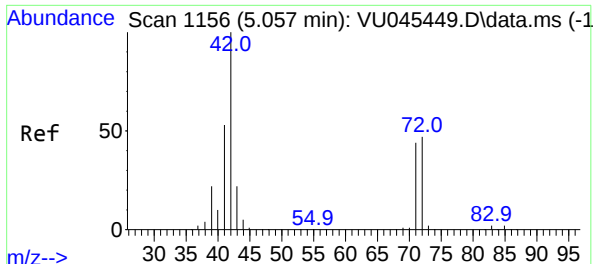
Tgt Ion: 96 Resp: 43368  
 Ion Ratio Lower Upper  
 96 100  
 61 133.8 0.0 299.2  
 98 65.6 0.0 127.6



#28  
 Bromochloromethane  
 Concen: 24.106 ug/l  
 RT: 4.980 min Scan# 1132  
 Delta R.T. 0.000 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

Tgt Ion: 49 Resp: 53571  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.4  
 130 78.8 57.5 86.3

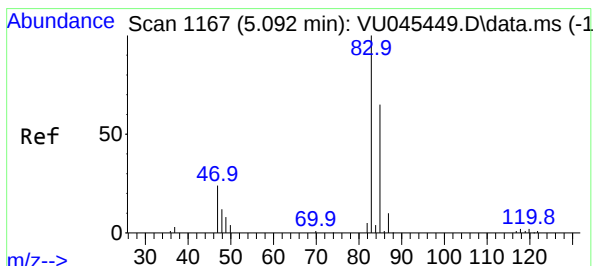
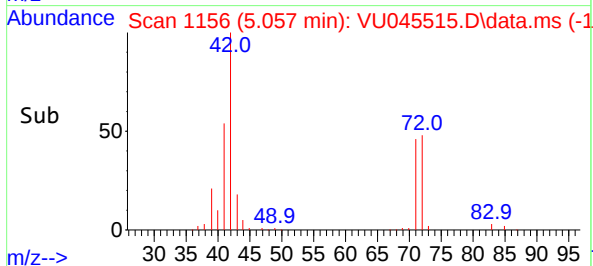
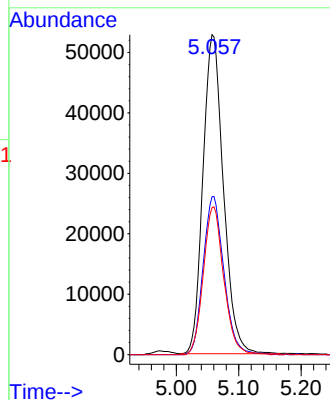
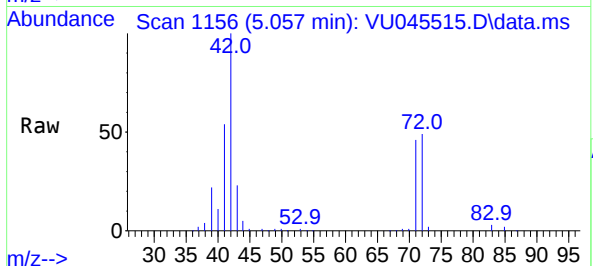




#29  
Tetrahydrofuran  
Concen: 88.683 ug/l  
RT: 5.057 min Scan# 1156  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

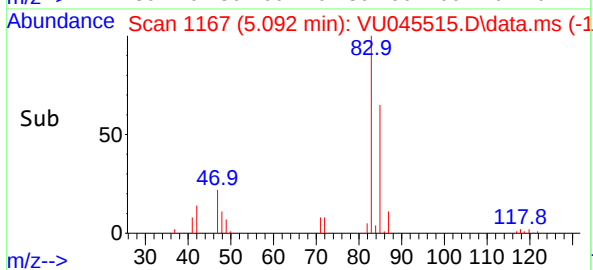
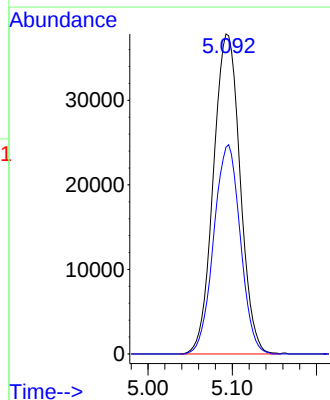
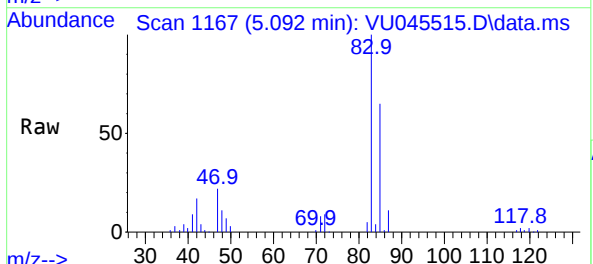
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

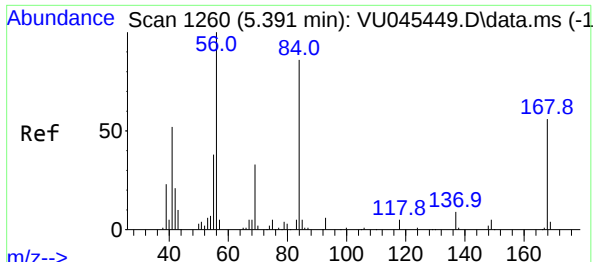
Tgt Ion: 42 Resp: 120266  
Ion Ratio Lower Upper  
42 100  
72 50.2 38.2 57.4  
71 46.3 35.4 53.2



#30  
Chloroform  
Concen: 19.076 ug/l  
RT: 5.092 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 83 Resp: 83335  
Ion Ratio Lower Upper  
83 100  
85 64.6 52.0 78.0





#31

Cyclohexane

Concen: 19.779 ug/l

RT: 5.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

VU1102WBS02

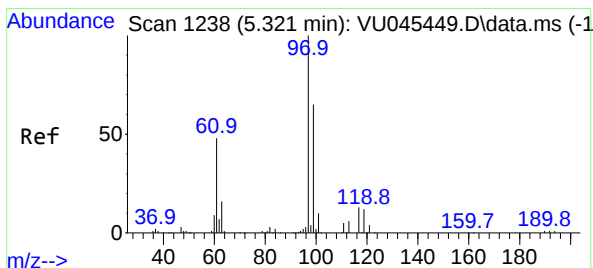
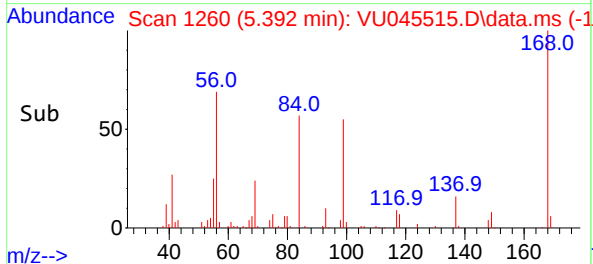
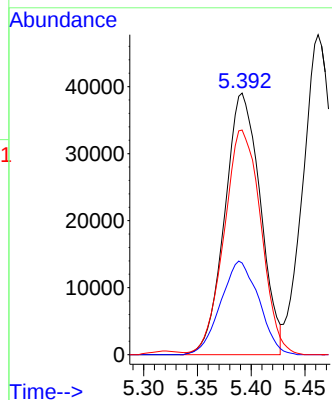
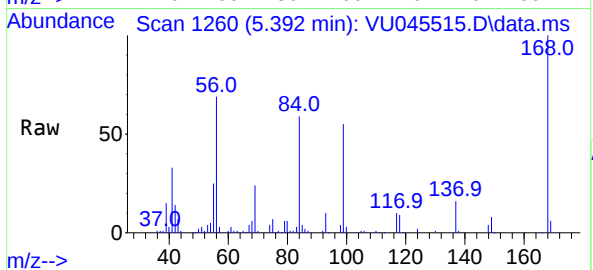
Tgt Ion: 56 Resp: 89849

Ion Ratio Lower Upper

56 100

69 35.1 26.4 39.6

84 85.0 68.4 102.6



#32

1,1,1-Trichloroethane

Concen: 20.407 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

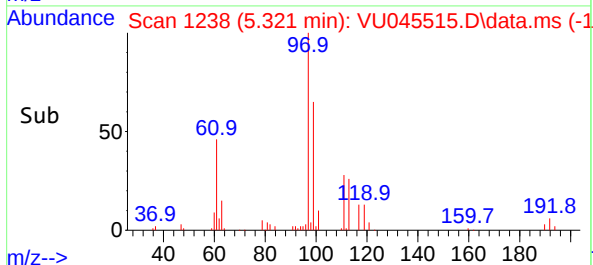
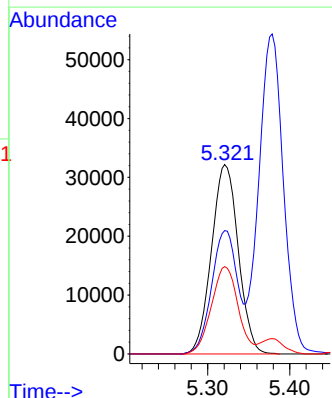
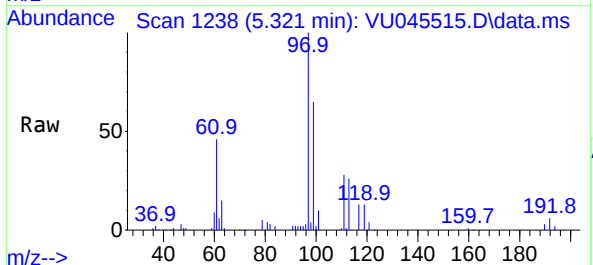
Tgt Ion: 97 Resp: 73163

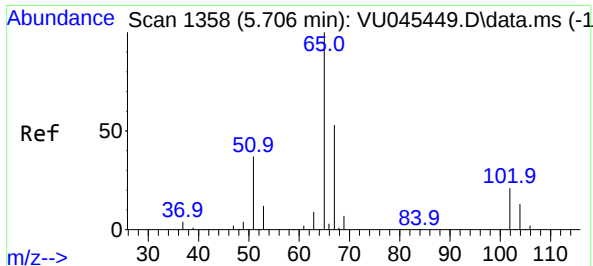
Ion Ratio Lower Upper

97 100

99 61.7 50.8 76.2

61 46.3 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.353 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

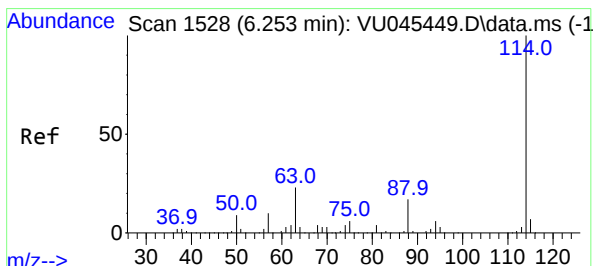
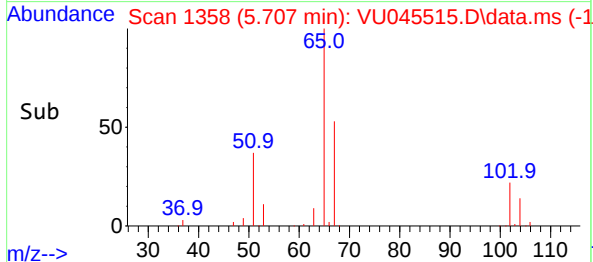
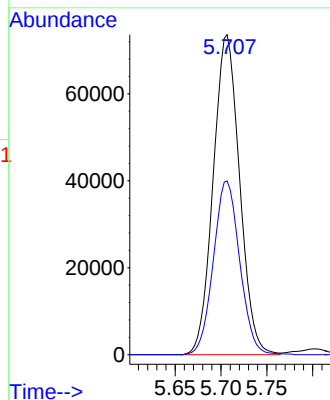
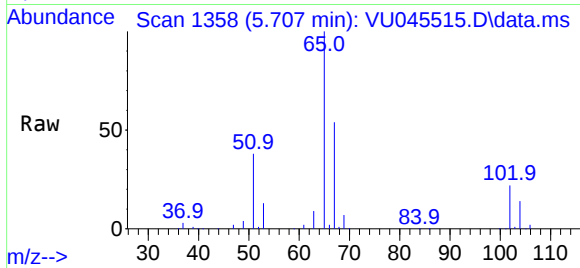
VU1102WBS02

Tgt Ion: 65 Resp: 147532

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

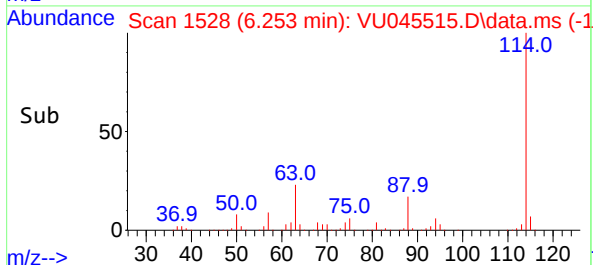
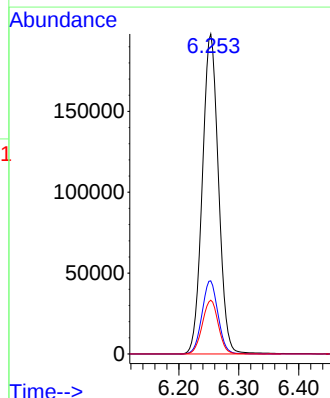
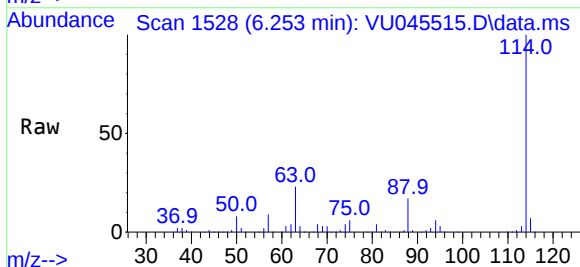
Tgt Ion: 114 Resp: 370684

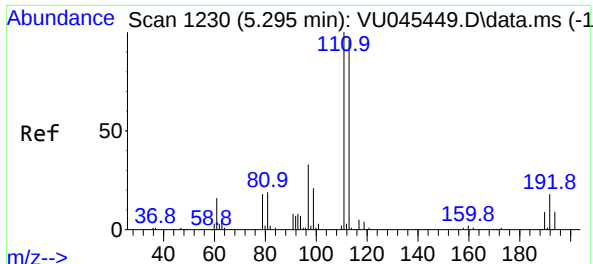
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

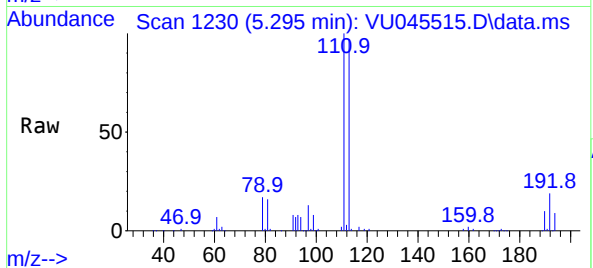
88 16.8 0.0 33.8



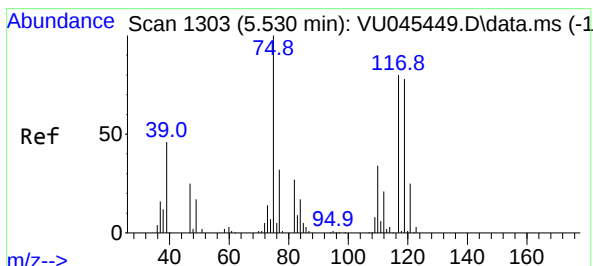
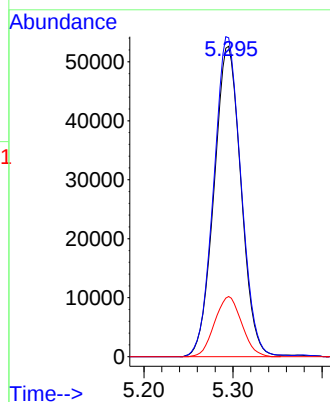
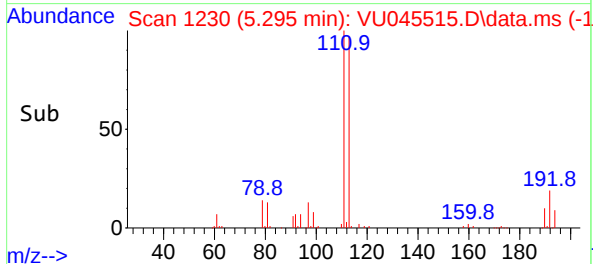


#35  
Dibromofluoromethane  
Concen: 46.965 ug/l  
RT: 5.295 min Scan# 110696  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

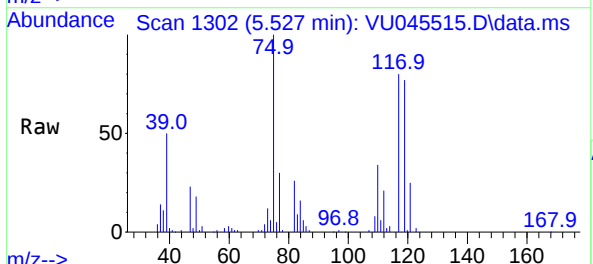
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02



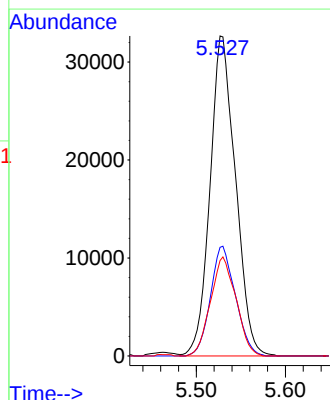
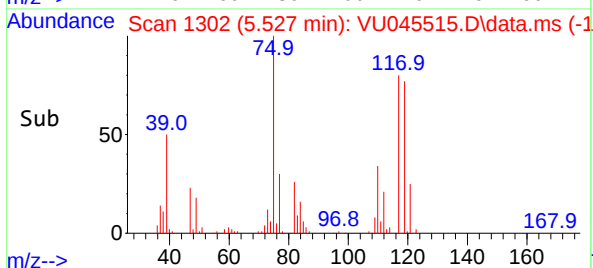
Tgt Ion:113 Resp: 110696  
Ion Ratio Lower Upper  
113 100  
111 104.1 82.8 124.2  
192 19.4 14.8 22.2

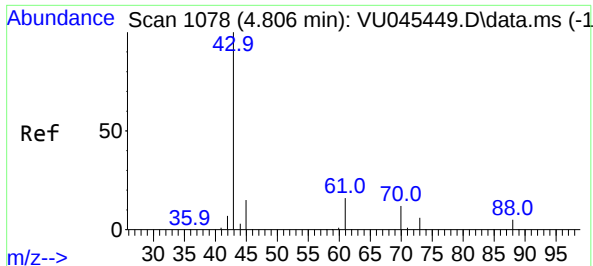


#36  
1,1-Dichloropropene  
Concen: 18.377 ug/l  
RT: 5.527 min Scan# 1302  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35



Tgt Ion: 75 Resp: 64847  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.7 50.0  
77 31.1 25.0 37.4

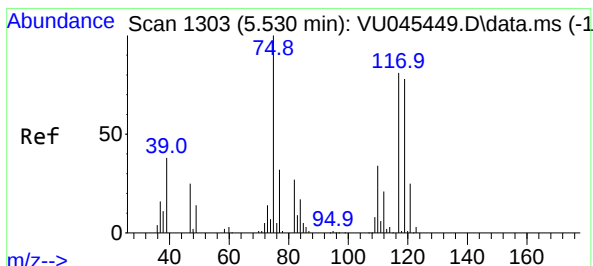
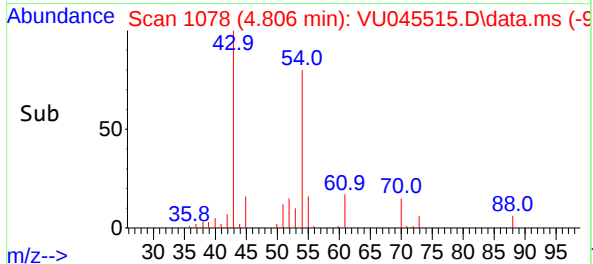
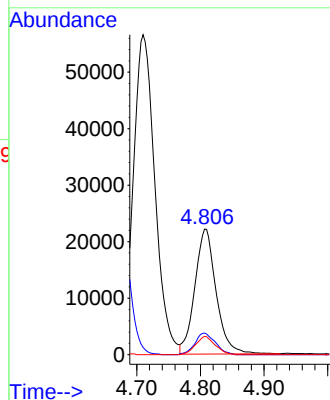
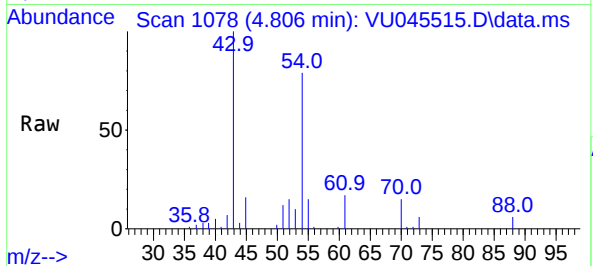




#37  
Ethyl Acetate  
Concen: 12.024 ug/l  
RT: 4.806 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

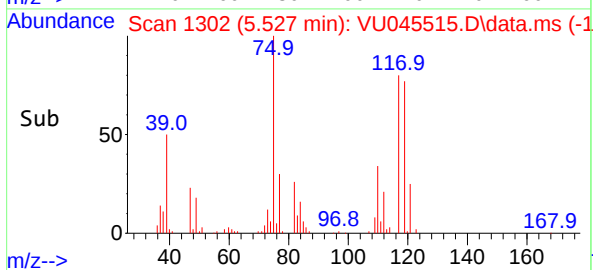
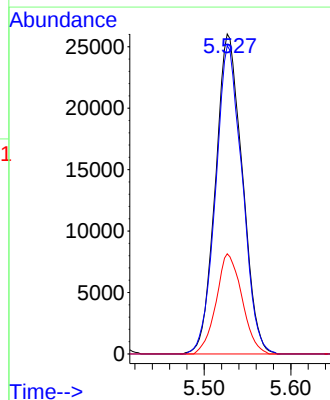
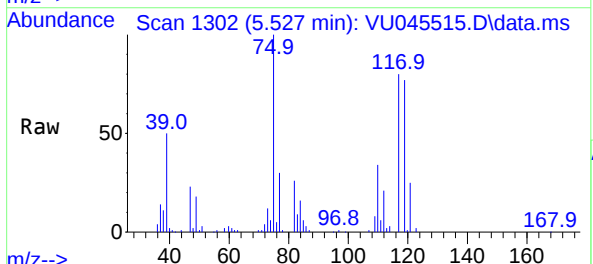
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

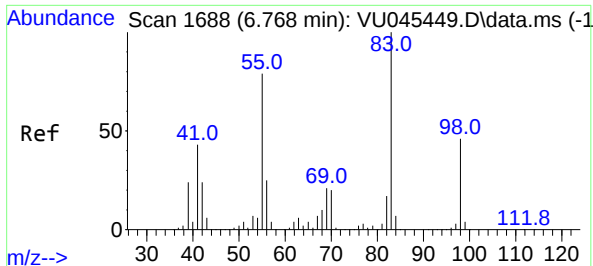
Tgt Ion: 43 Resp: 51382  
Ion Ratio Lower Upper  
43 100  
61 16.7 11.6 17.4  
70 13.5 9.1 13.7



#38  
Carbon Tetrachloride  
Concen: 18.187 ug/l  
RT: 5.527 min Scan# 1302  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 117 Resp: 55969  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.4 116.0  
121 31.3 24.8 37.2





#39

Methylcyclohexane

Concen: 20.106 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

VU1102WBS02

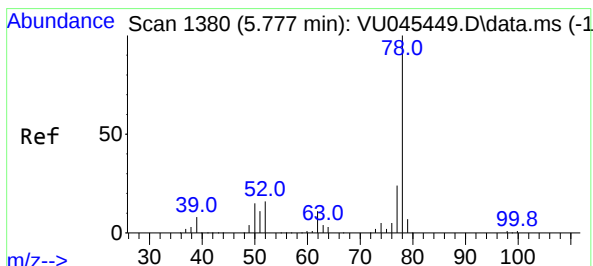
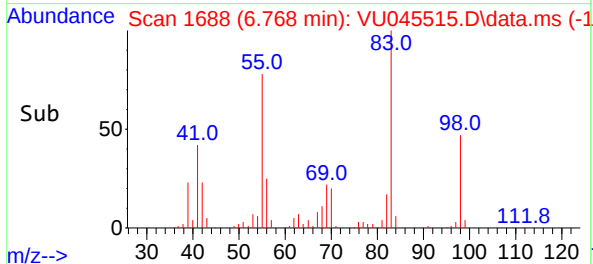
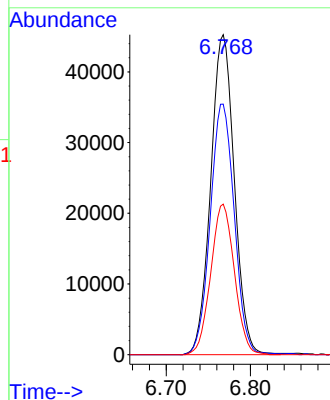
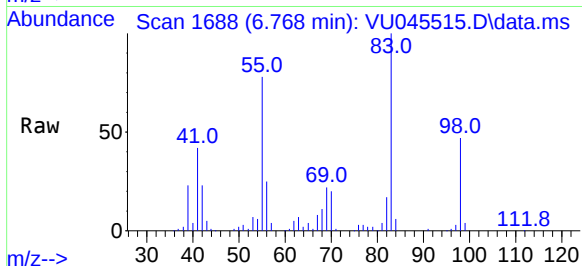
Tgt Ion: 83 Resp: 88226

Ion Ratio Lower Upper

83 100

55 78.3 63.6 95.4

98 47.0 37.1 55.7



#40

Benzene

Concen: 18.257 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045515.D

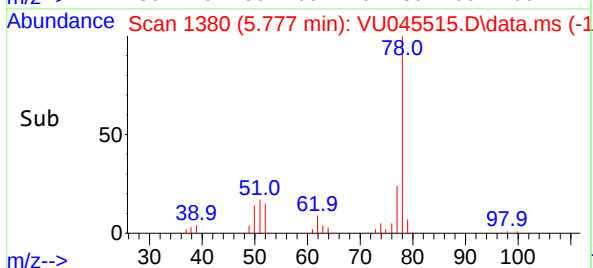
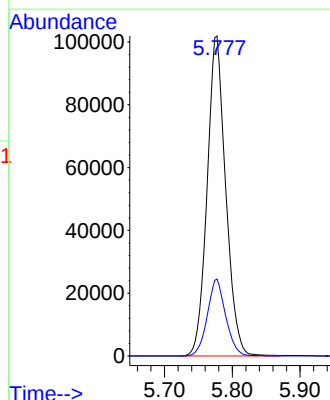
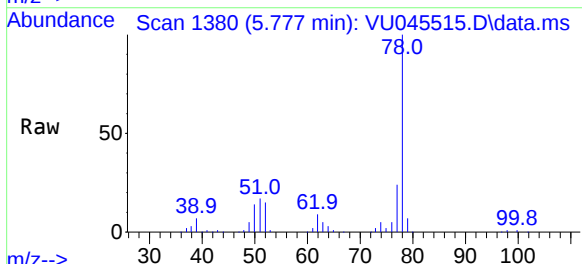
Acq: 02 Nov 2021 15:35

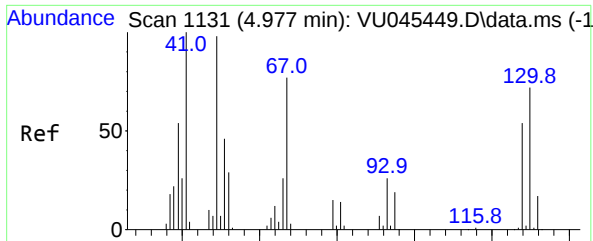
Tgt Ion: 78 Resp: 193922

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



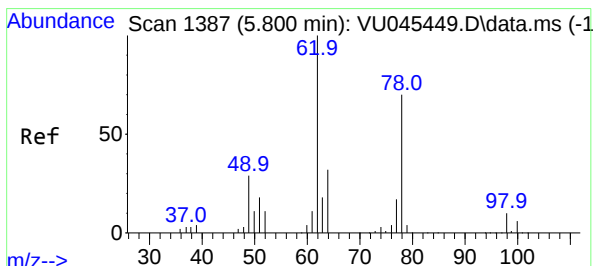
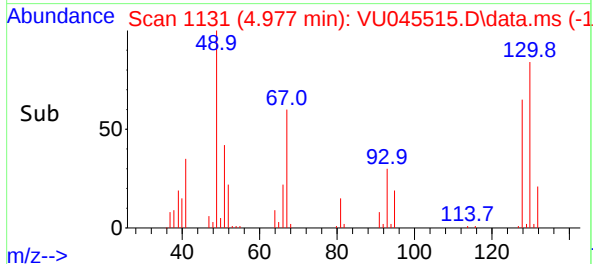
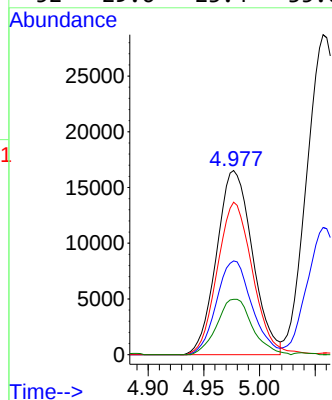
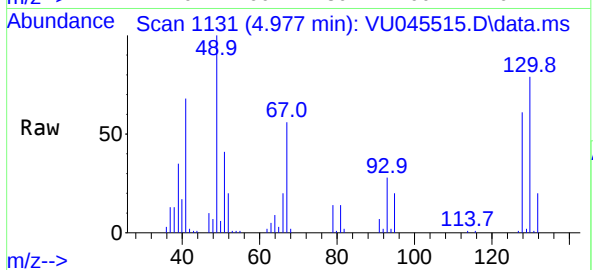


#41  
Methacrylonitrile  
Concen: 16.403 ug/l  
RT: 4.977 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

Tgt Ion: 41 Resp: 37097

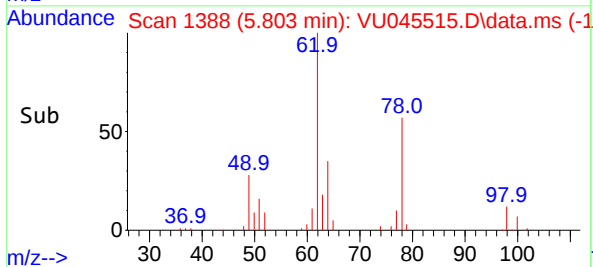
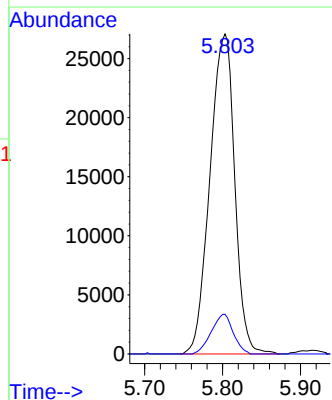
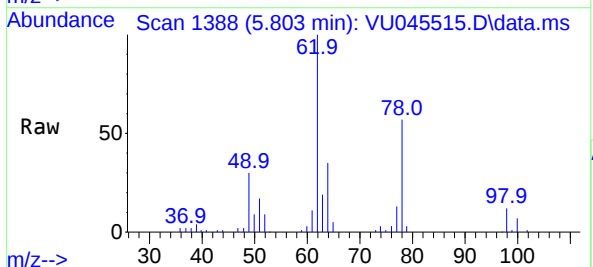
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 50.1  | 43.4  | 65.0  |
| 67  | 81.5  | 61.0  | 91.4  |
| 52  | 29.6  | 23.4  | 35.0  |

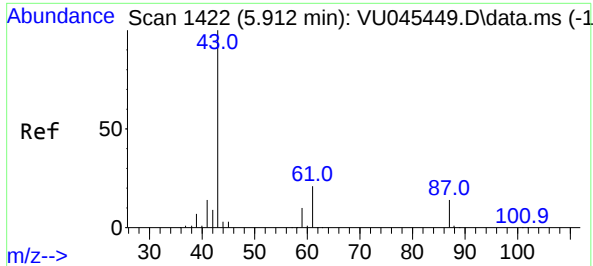


#42  
1,2-Dichloroethane  
Concen: 15.332 ug/l  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 62 Resp: 59812

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 11.0  | 0.0   | 18.4  |

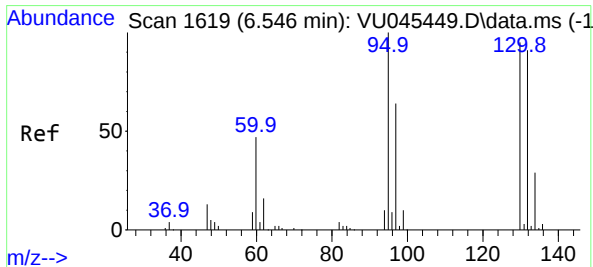
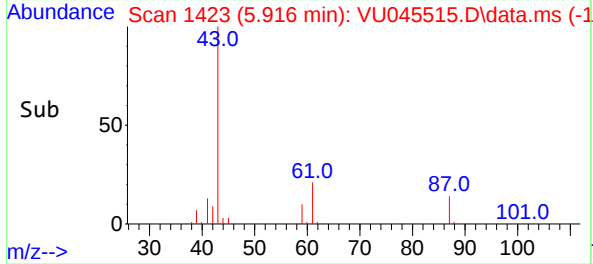
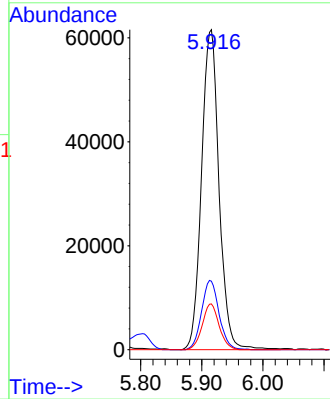
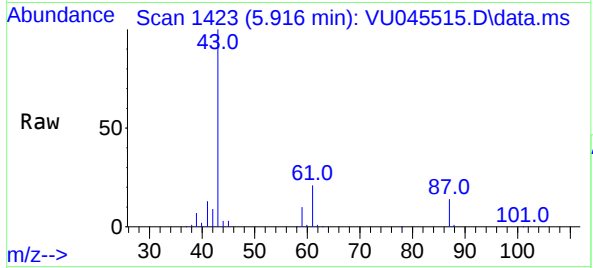




#43  
Isopropyl Acetate  
Concen: 18.994 ug/l  
RT: 5.916 min Scan# 1422  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

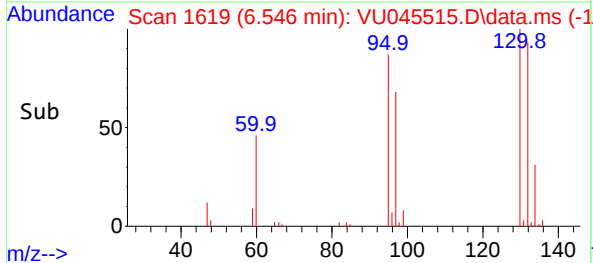
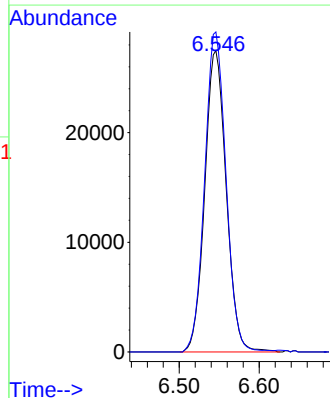
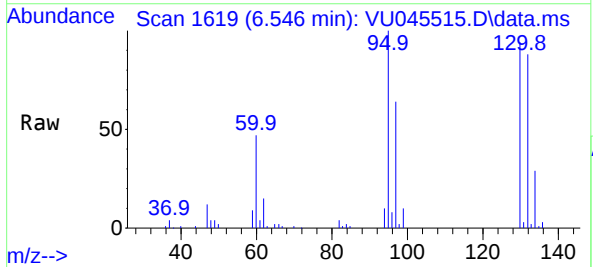
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

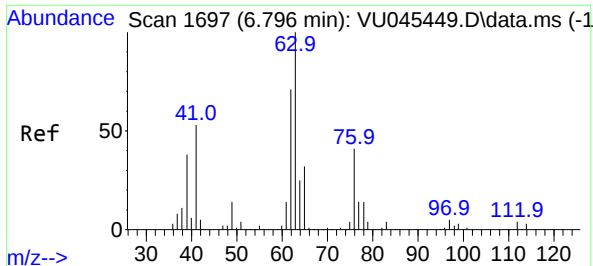
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 122327 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 21.6     | 16.9 25.3    |
| 87 13.8     | 11.0 16.4    |



#44  
Trichloroethene  
Concen: 20.846 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:130 | Resp: | 51319 |
| Ion | Ratio   | Lower | Upper |
| 130 | 100     |       |       |
| 95  | 106.2   | 0.0   | 211.4 |





#45

1,2-Dichloropropane

Concen: 20.716 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

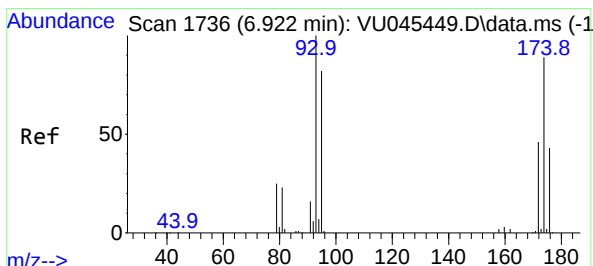
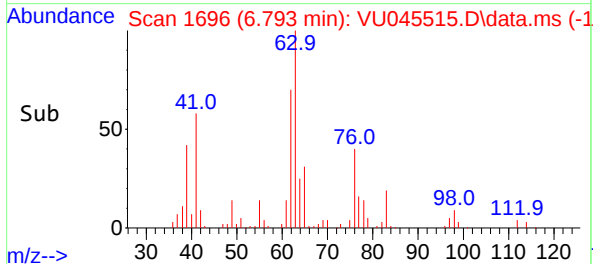
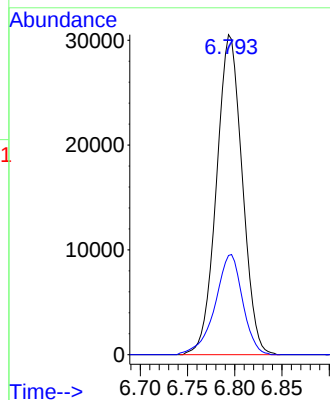
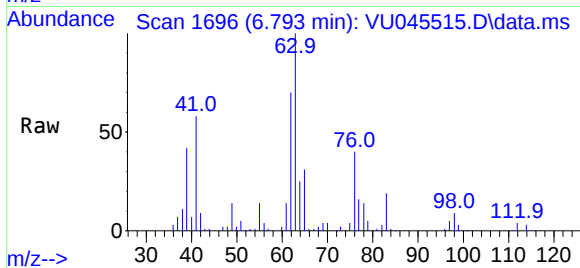
VU1102WBS02

Tgt Ion: 63 Resp: 57908

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 20.983 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

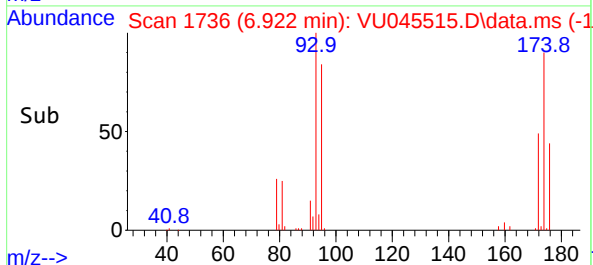
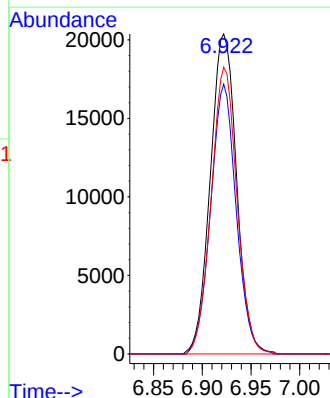
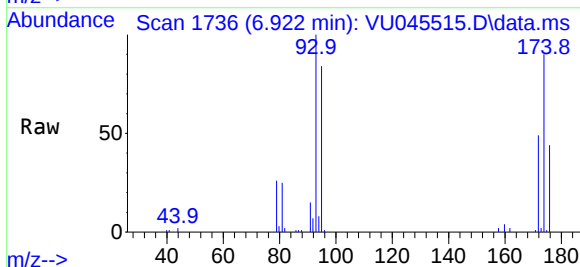
Tgt Ion: 93 Resp: 38192

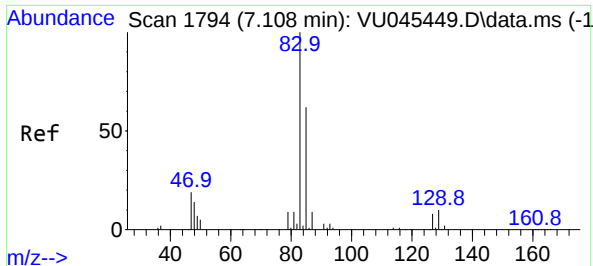
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 88.0 71.0 106.6

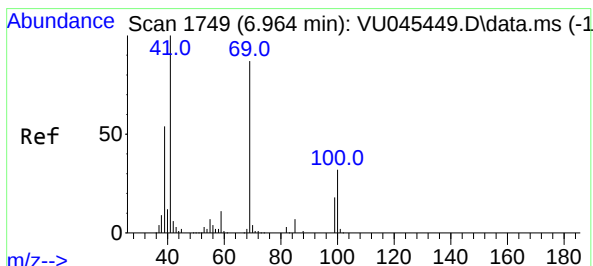
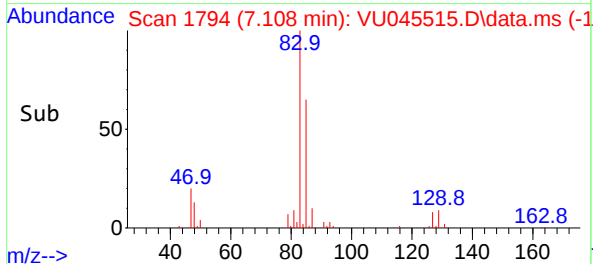
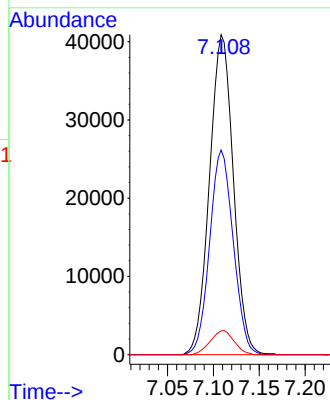
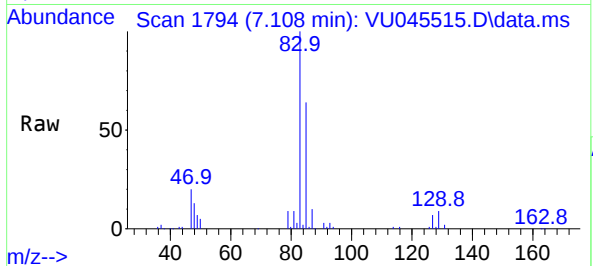




#47  
Bromodichloromethane  
Concen: 20.665 ug/l  
RT: 7.108 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

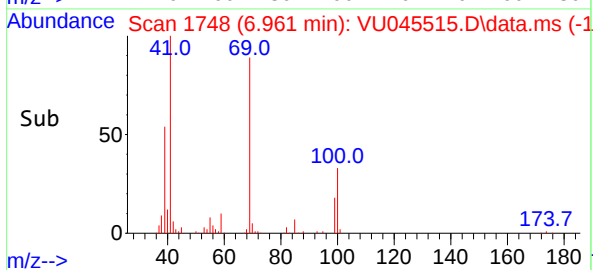
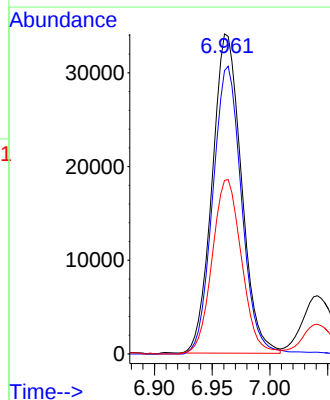
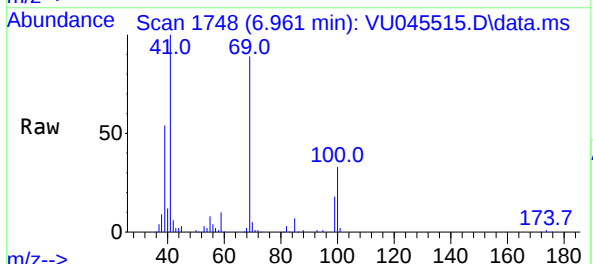
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

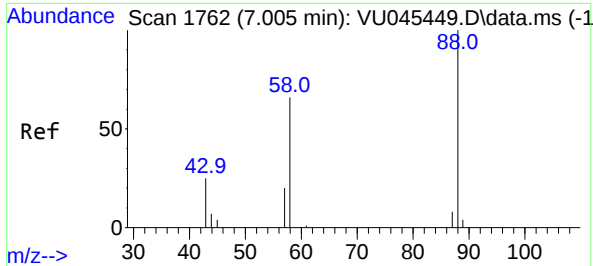
Tgt Ion: 83 Resp: 74024  
Ion Ratio Lower Upper  
83 100  
85 63.9 49.8 74.6  
127 7.5 6.2 9.2



#48  
Methyl methacrylate  
Concen: 19.695 ug/l  
RT: 6.961 min Scan# 1748  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 41 Resp: 60120  
Ion Ratio Lower Upper  
41 100  
69 89.1 70.2 105.2  
39 55.1 43.9 65.9

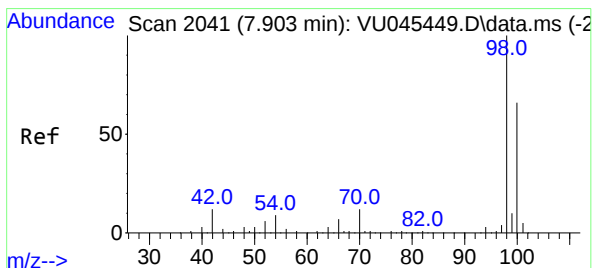
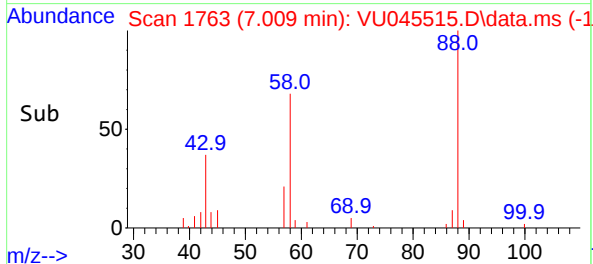
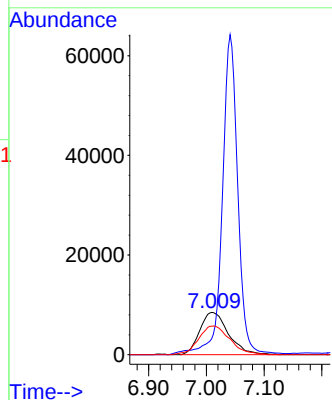
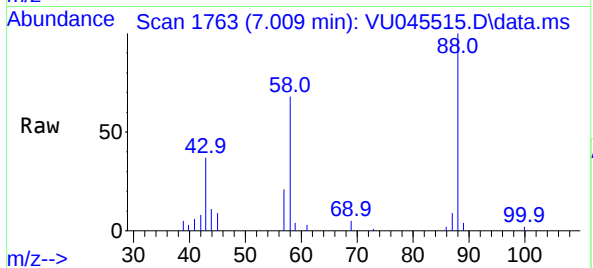




#49  
1,4-Dioxane  
Concen: 378.134 ug/l  
RT: 7.009 min Scan# 1  
Delta R.T. 0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

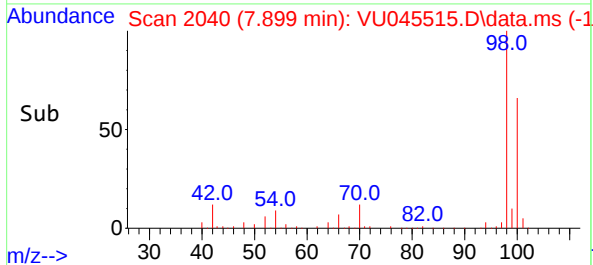
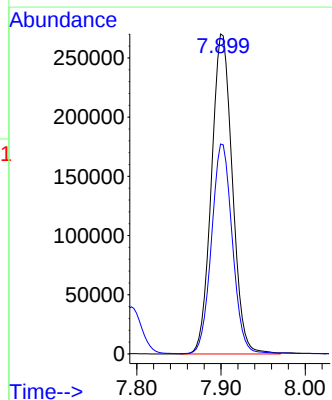
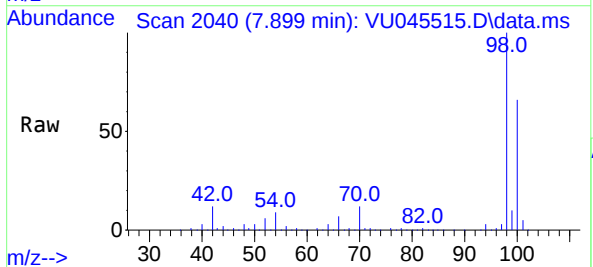
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

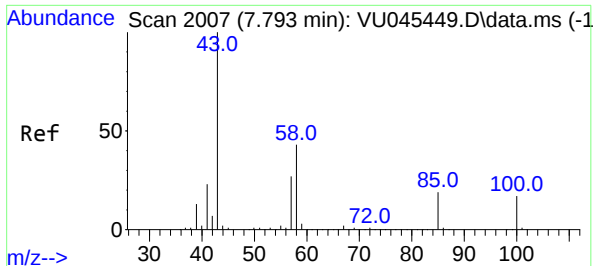
Tgt Ion: 88 Resp: 29335  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 73.5 58.7 88.1



#50  
Toluene-d8  
Concen: 50.476 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 98 Resp: 466533  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.5 78.7

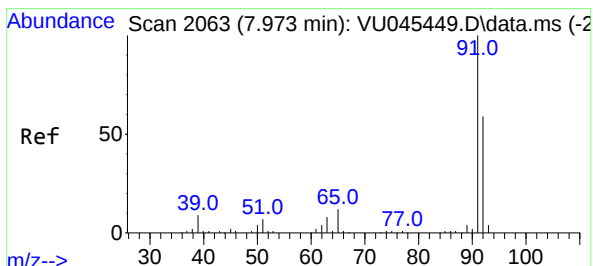
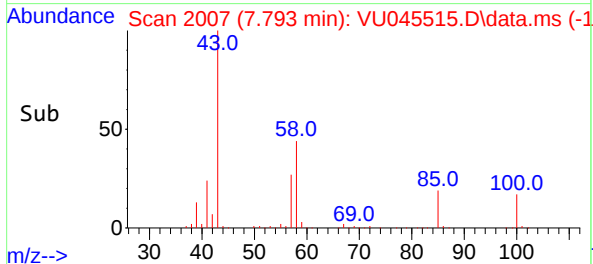
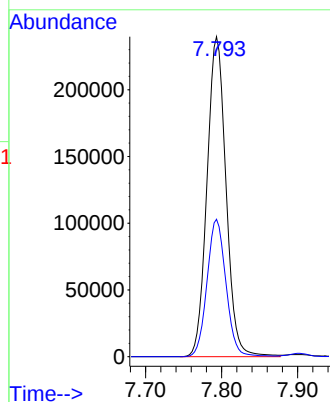
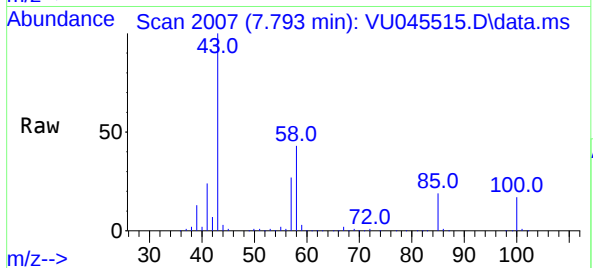




#51  
4-Methyl-2-Pentanone  
Concen: 100.052 ug/l  
RT: 7.793 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

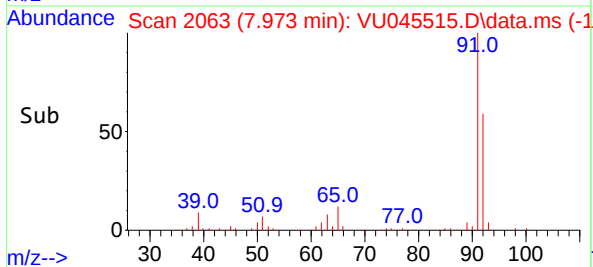
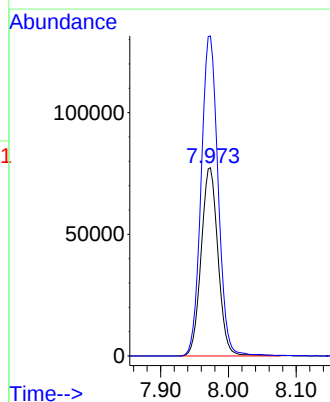
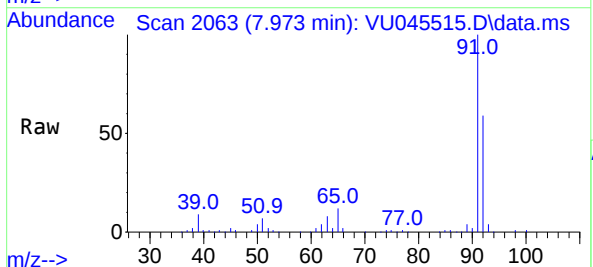
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

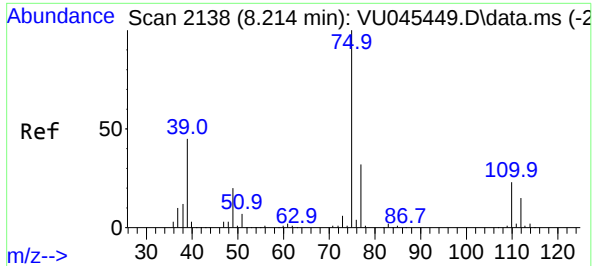
Tgt Ion: 43 Resp: 416469  
Ion Ratio Lower Upper  
43 100  
58 42.8 33.8 50.8



#52  
Toluene  
Concen: 20.693 ug/l  
RT: 7.973 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 92 Resp: 133614  
Ion Ratio Lower Upper  
92 100  
91 170.6 135.6 203.4

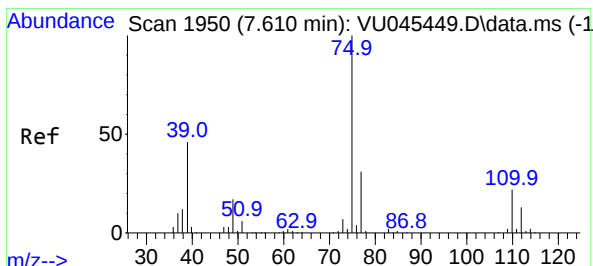
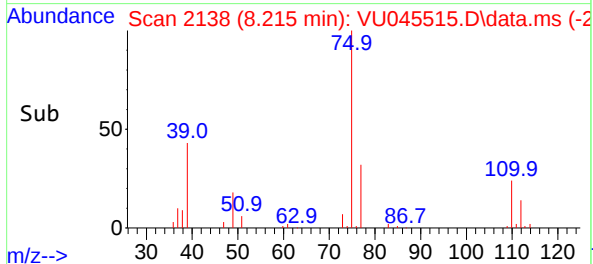
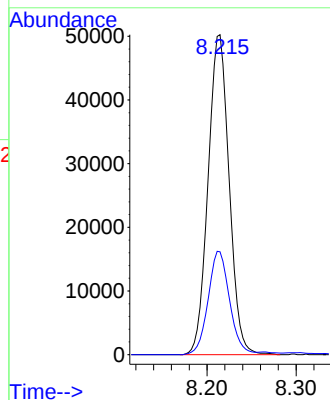
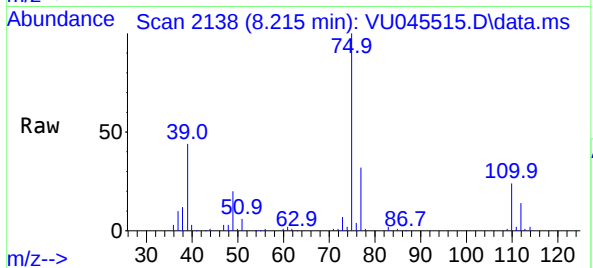




#53  
 t-1,3-Dichloropropene  
 Concen: 20.175 ug/l  
 RT: 8.215 min Scan# 2138  
 Delta R.T. 0.000 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

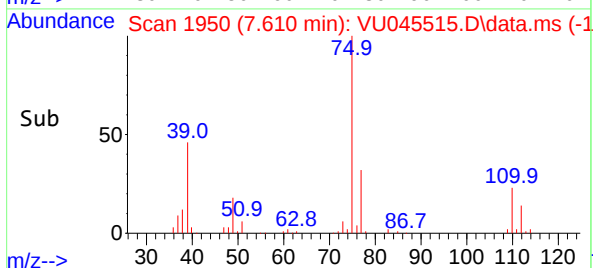
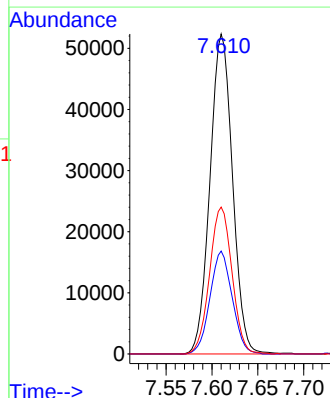
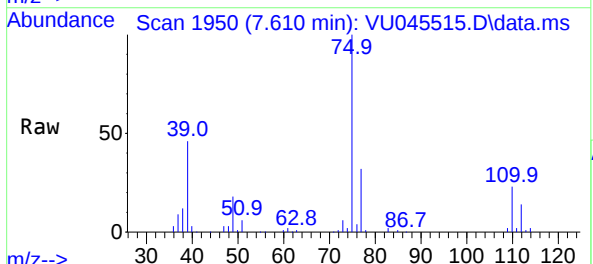
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

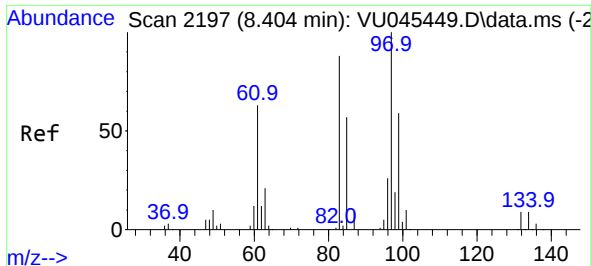
Tgt Ion: 75 Resp: 82369  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.481 ug/l  
 RT: 7.610 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

Tgt Ion: 75 Resp: 89552  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 24.6 37.0  
 39 45.9 37.1 55.7



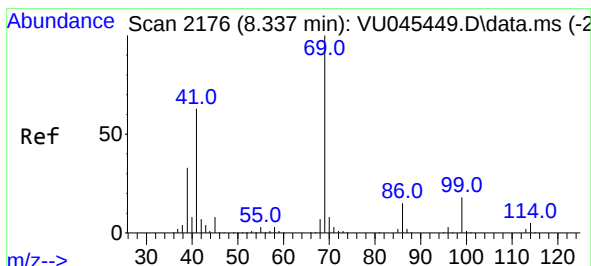
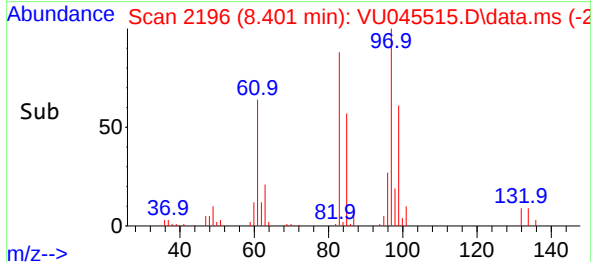
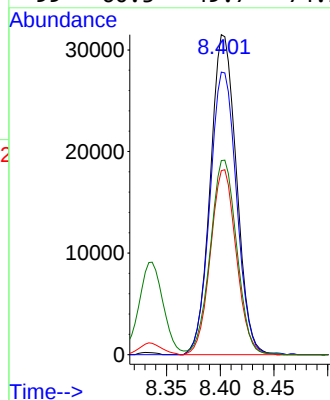
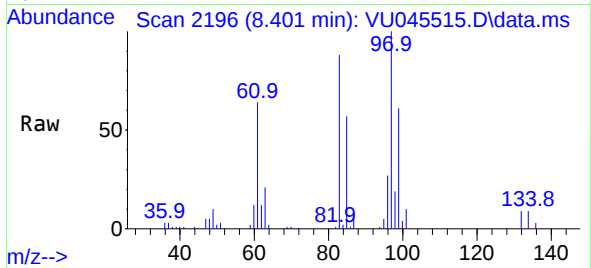


#55  
1,1,2-Trichloroethane  
Concen: 20.195 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

Tgt Ion: 97 Resp: 53263

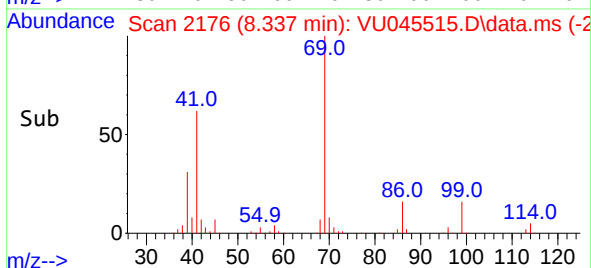
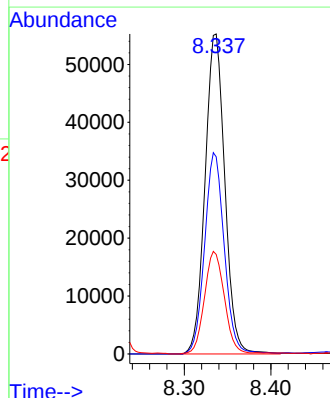
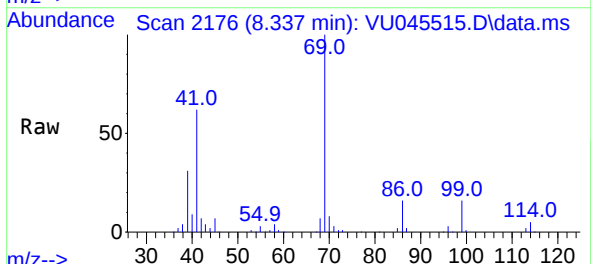
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 70.3  | 105.5 |
| 85  | 57.5  | 45.5  | 68.3  |
| 99  | 60.3  | 49.7  | 74.5  |

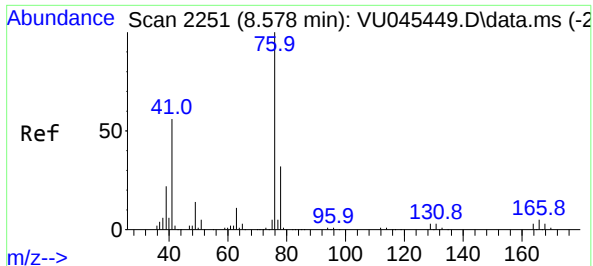


#56  
Ethyl methacrylate  
Concen: 19.212 ug/l  
RT: 8.337 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 69 Resp: 87677

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.6  | 51.0  | 76.4  |
| 39  | 32.3  | 26.6  | 39.8  |

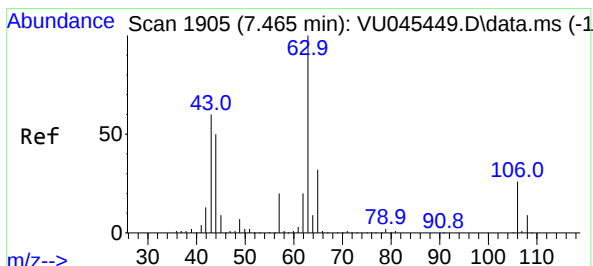
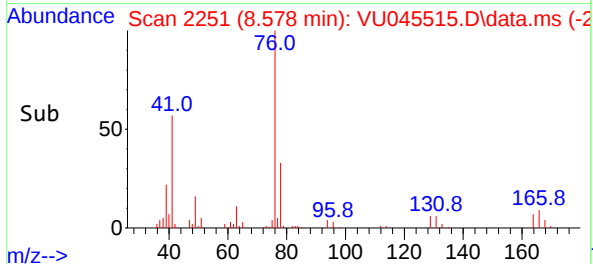
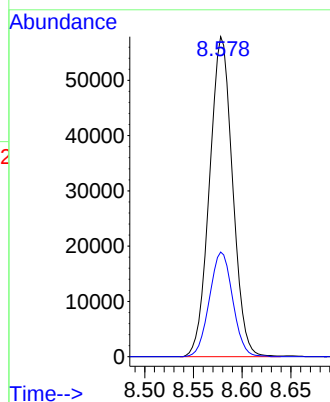
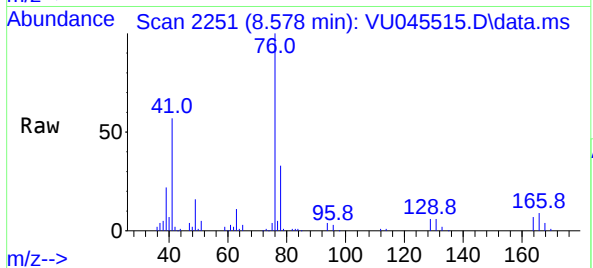




#57  
1,3-Dichloropropane  
Concen: 20.353 ug/l  
RT: 8.578 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

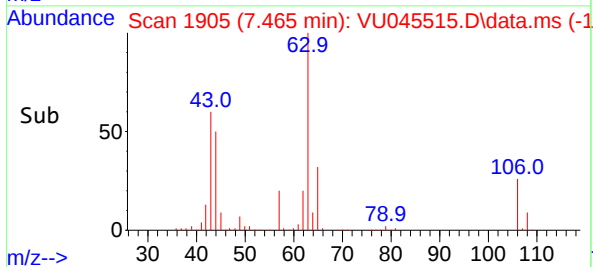
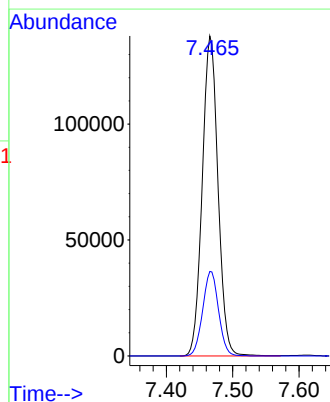
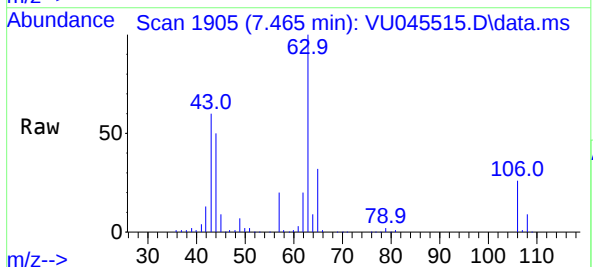
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

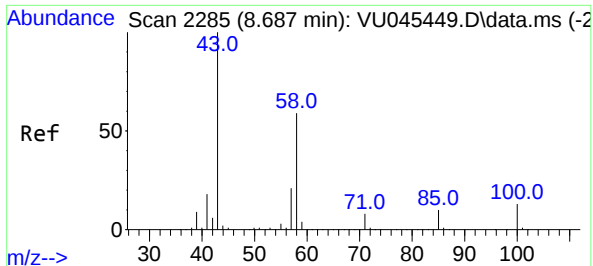
Tgt Ion: 76 Resp: 95287  
Ion Ratio Lower Upper  
76 100  
78 33.0 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 94.049 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 63 Resp: 227366  
Ion Ratio Lower Upper  
63 100  
106 26.6 21.0 31.4

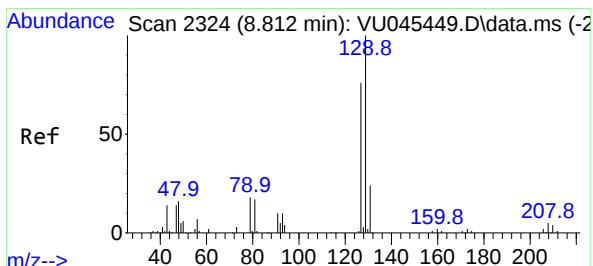
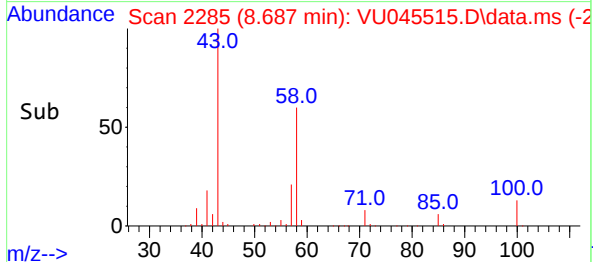
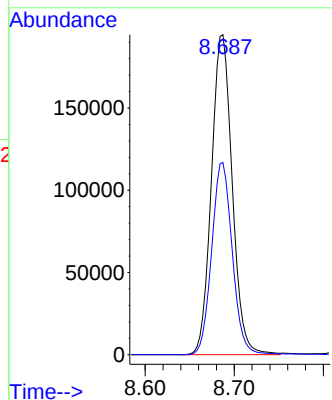
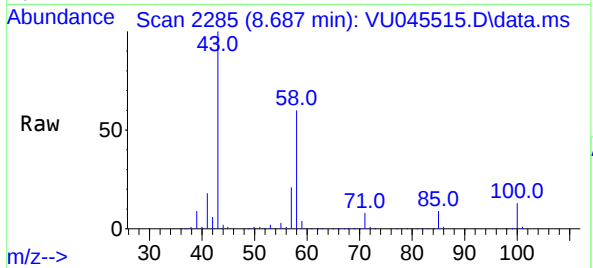




#59  
2-Hexanone  
Concen: 97.818 ug/l  
RT: 8.687 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

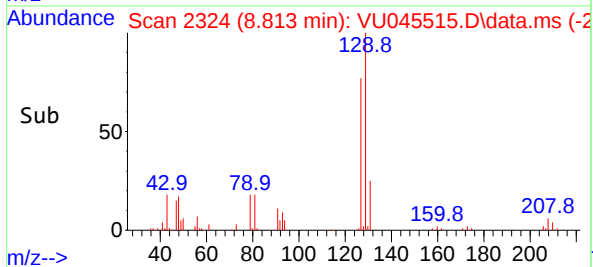
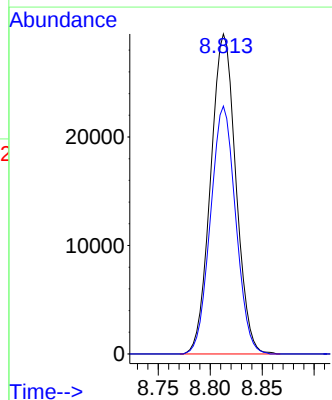
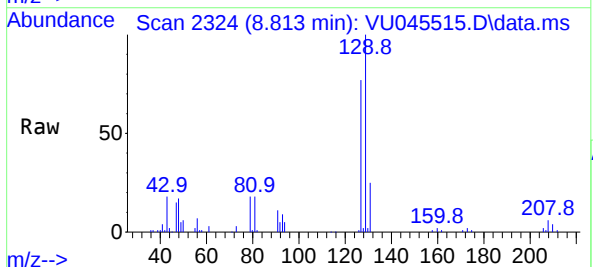
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

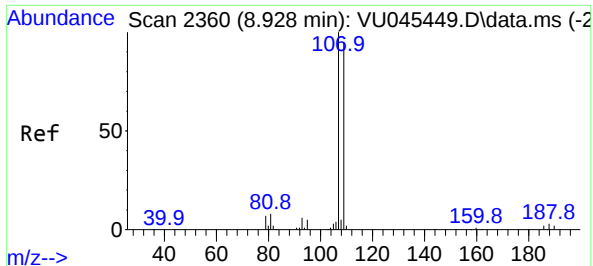
Tgt Ion: 43 Resp: 315470  
Ion Ratio Lower Upper  
43 100  
58 59.7 29.5 88.6



#60  
Dibromochloromethane  
Concen: 19.672 ug/l  
RT: 8.813 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 129 Resp: 49793  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.364 ug/l

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

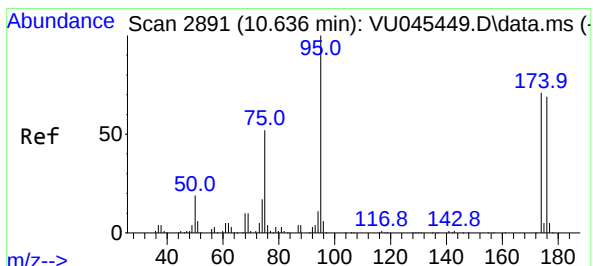
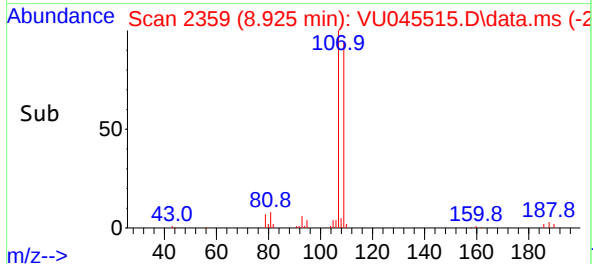
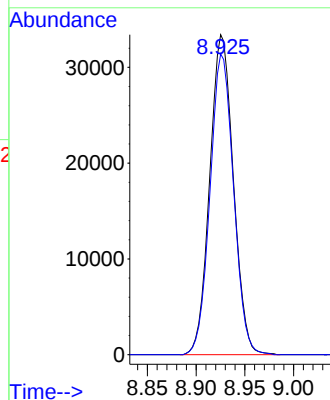
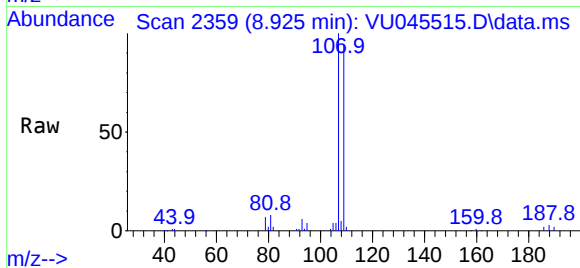
VU1102WBS02

Tgt Ion:107 Resp: 56256

Ion Ratio Lower Upper

107 100

109 93.6 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.648 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.000 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

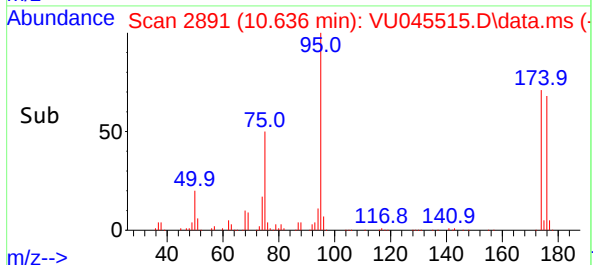
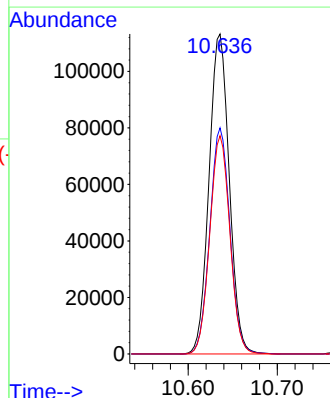
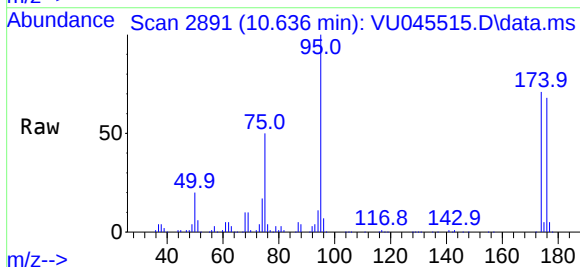
Tgt Ion: 95 Resp: 178383

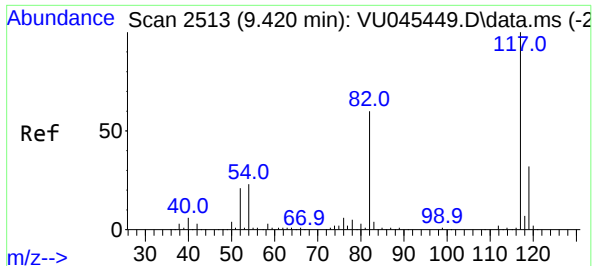
Ion Ratio Lower Upper

95 100

174 70.5 0.0 141.8

176 67.9 0.0 138.2

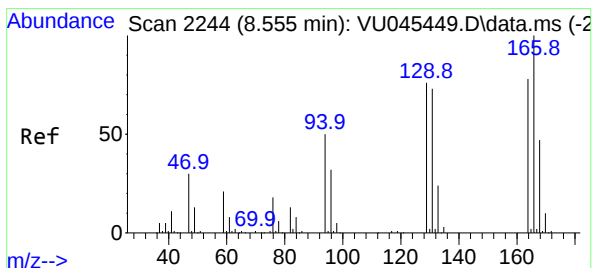
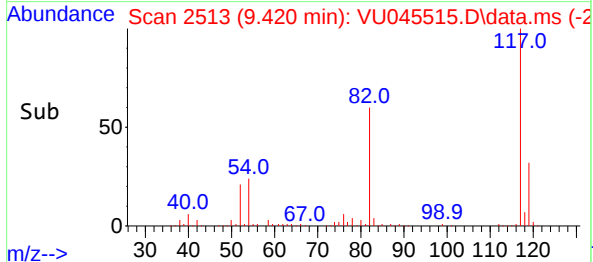
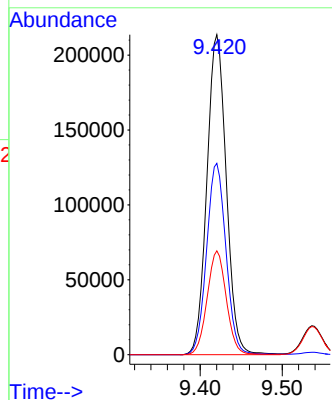
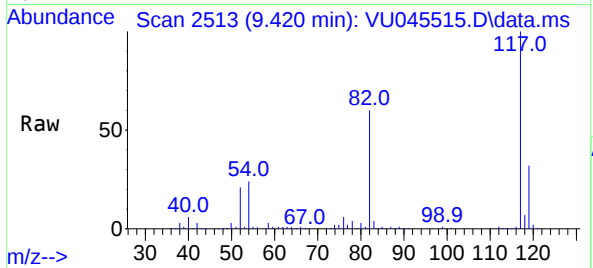




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

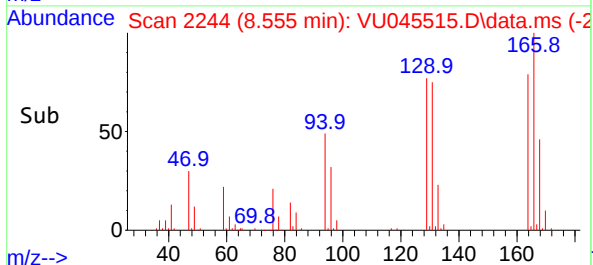
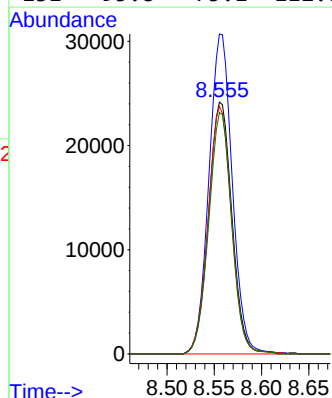
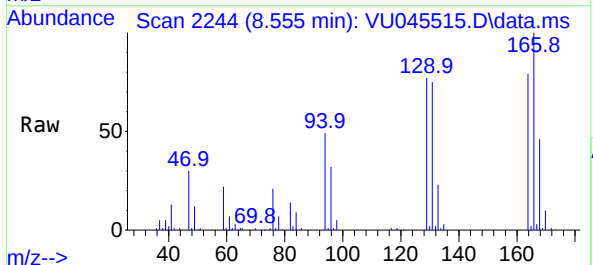
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

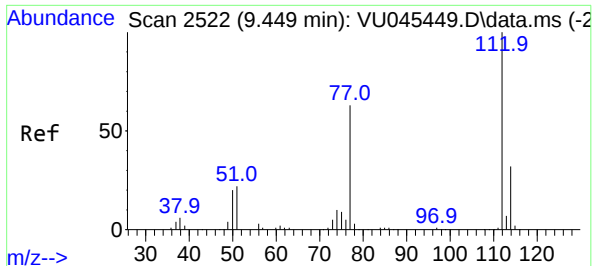
Tgt Ion:117 Resp: 350852  
Ion Ratio Lower Upper  
117 100  
82 59.8 47.8 71.8  
119 32.4 25.8 38.8



#64  
Tetrachloroethene  
Concen: 20.829 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:164 Resp: 41773  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.2 153.4  
129 98.3 78.2 117.4  
131 95.8 75.1 112.7

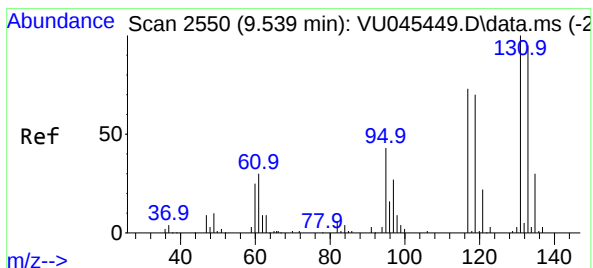
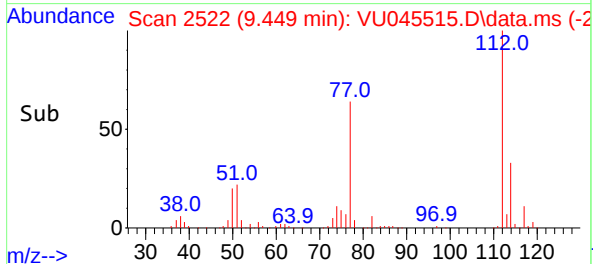
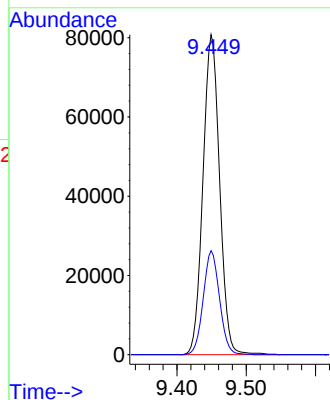
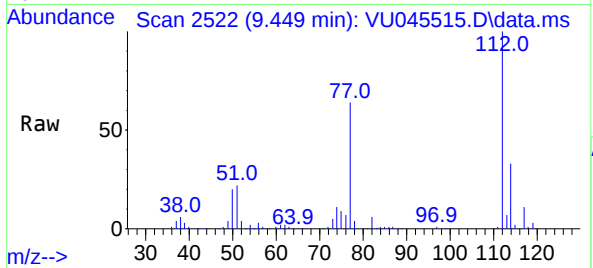




#65  
Chlorobenzene  
Concen: 20.250 ug/l  
RT: 9.449 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

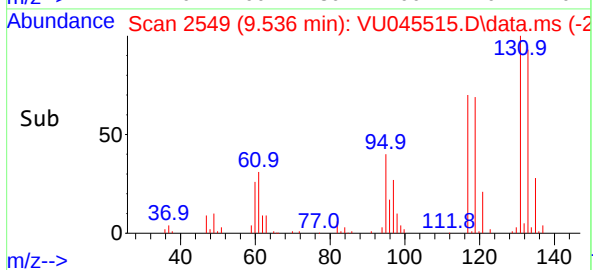
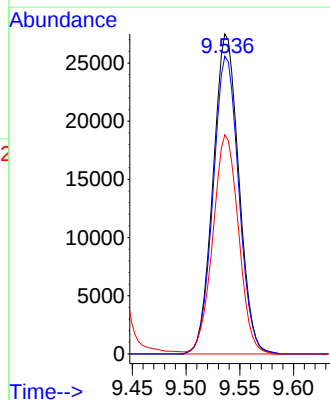
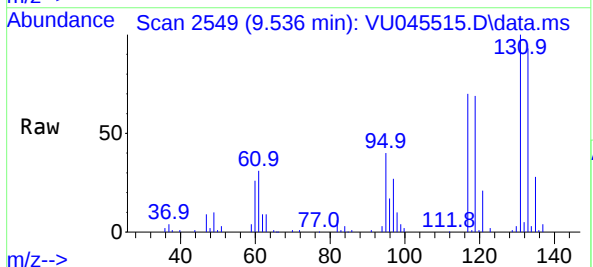
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

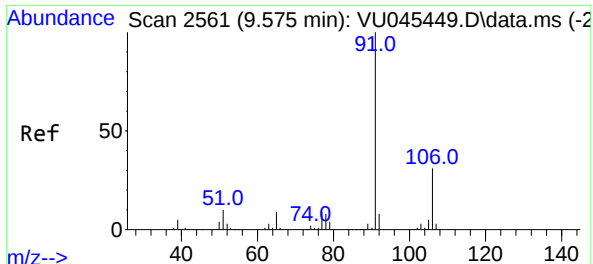
Tgt Ion:112 Resp: 134705  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.370 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:131 Resp: 45717  
Ion Ratio Lower Upper  
131 100  
133 93.2 47.9 143.6  
119 68.6 34.5 103.6





#67

Ethyl Benzene

Concen: 20.518 ug/l

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU045515.D

Acq: 02 Nov 2021 15:35

Instrument :

MSVOA\_U

ClientSampleId :

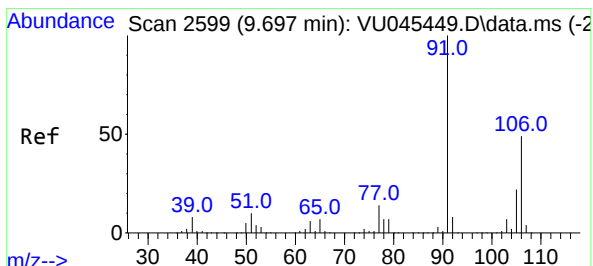
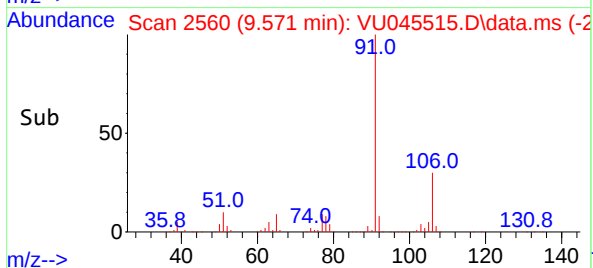
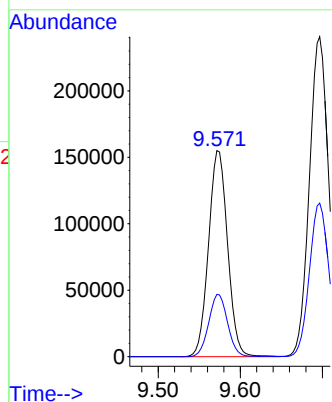
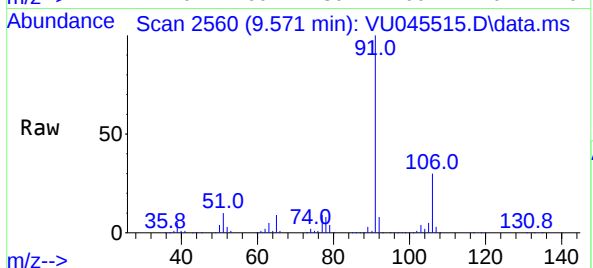
VU1102WBS02

Tgt Ion: 91 Resp: 250025

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 41.805 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045515.D

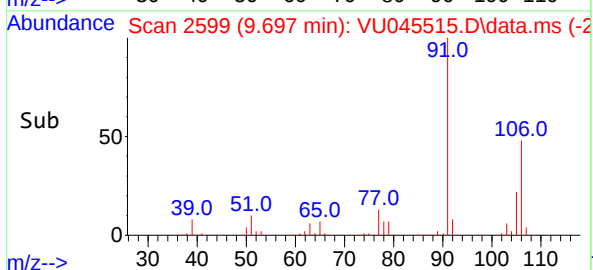
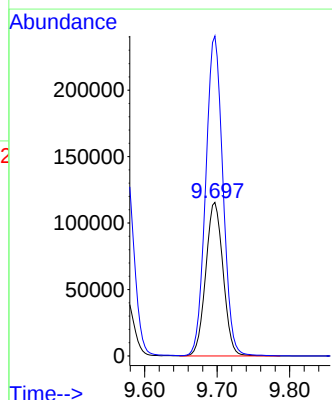
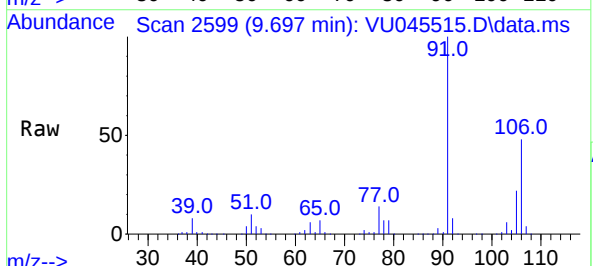
Acq: 02 Nov 2021 15:35

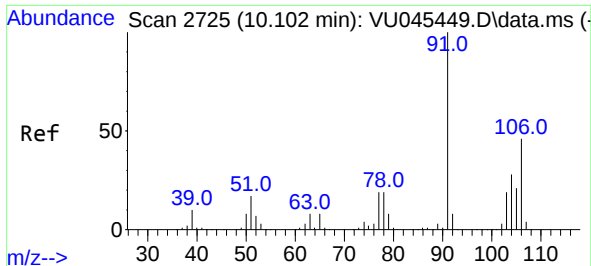
Tgt Ion:106 Resp: 192290

Ion Ratio Lower Upper

106 100

91 206.8 164.7 247.1

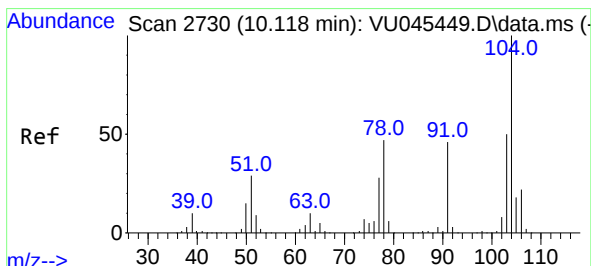
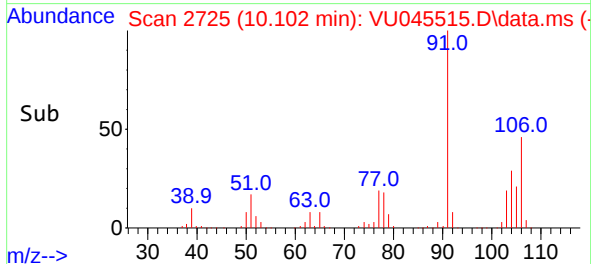
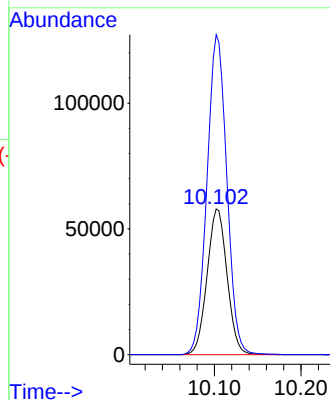
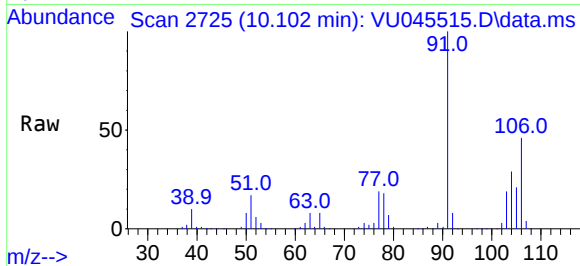




#69  
o-Xylene  
Concen: 20.676 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

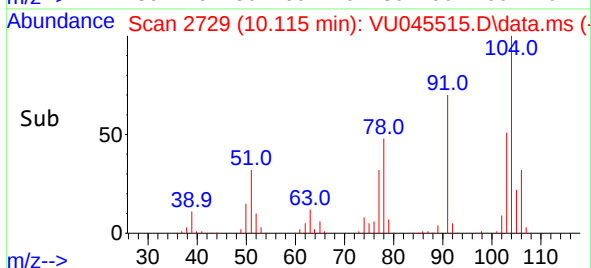
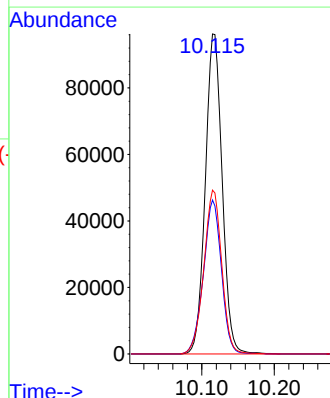
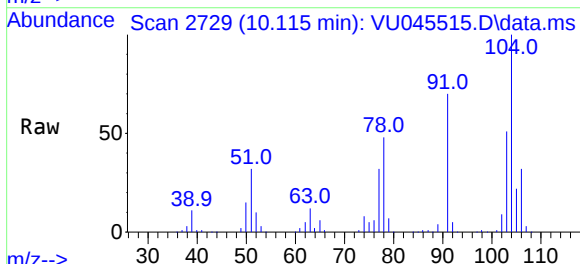
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

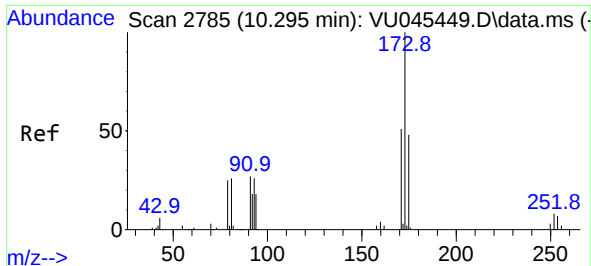
Tgt Ion:106 Resp: 92736  
Ion Ratio Lower Upper  
106 100  
91 218.2 108.7 326.3



#70  
Styrene  
Concen: 19.360 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:104 Resp: 155497  
Ion Ratio Lower Upper  
104 100  
78 51.2 41.8 62.6  
103 54.4 43.8 65.6

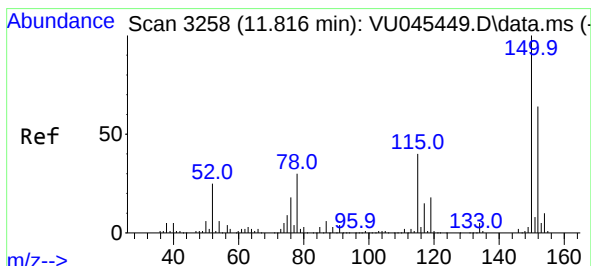
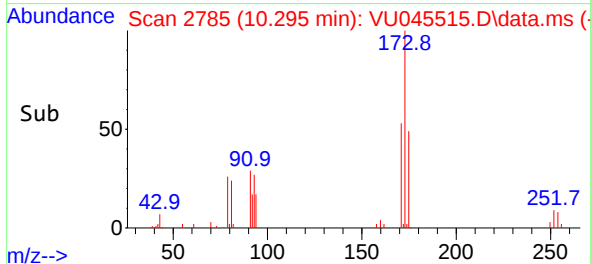
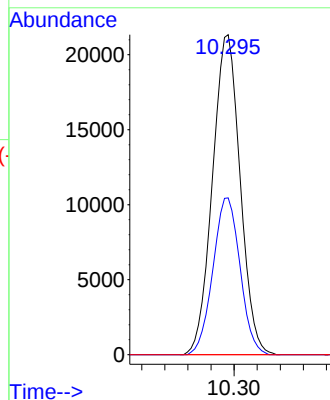
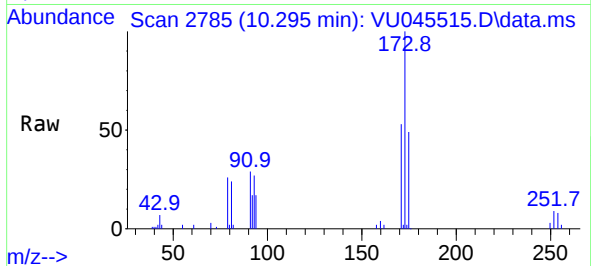




#71  
Bromoform  
Concen: 18.757 ug/l  
RT: 10.295 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

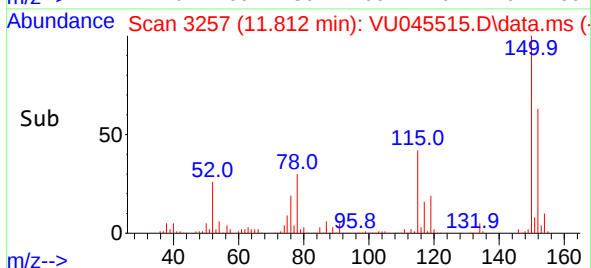
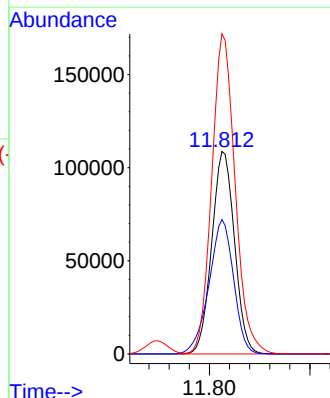
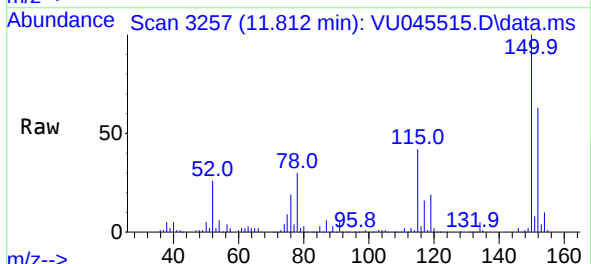
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

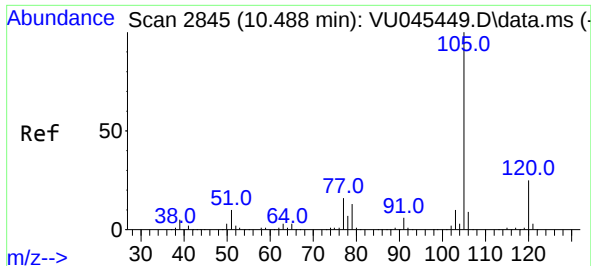
Tgt Ion:173 Resp: 35455  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.1 72.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:152 Resp: 170950  
Ion Ratio Lower Upper  
152 100  
115 71.6 42.7 128.1  
150 162.6 0.0 346.8

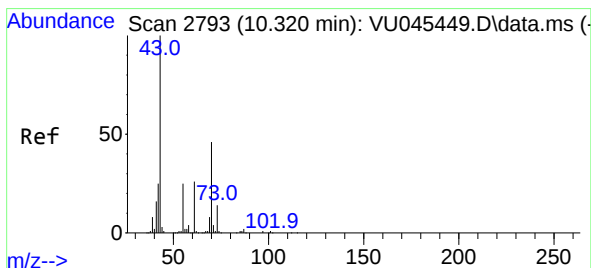
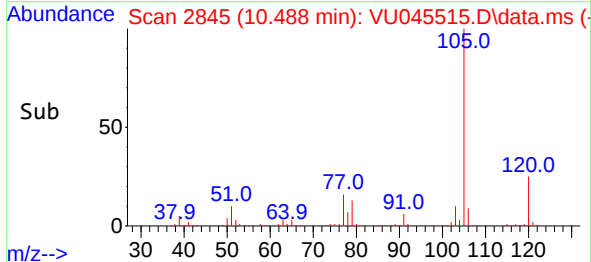
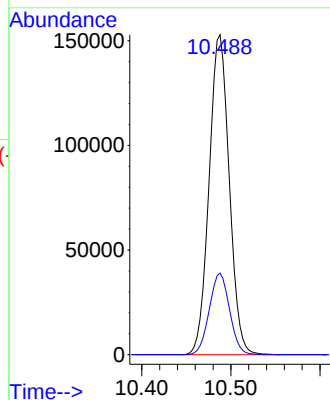
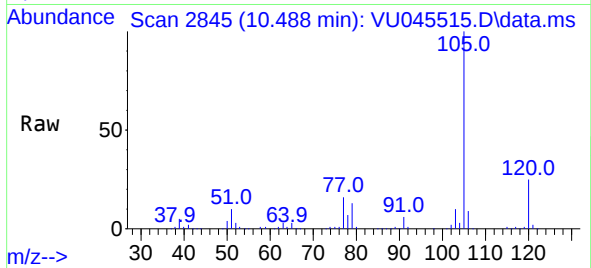




#73  
Isopropylbenzene  
Concen: 20.805 ug/l  
RT: 10.488 min Scan# 2845  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

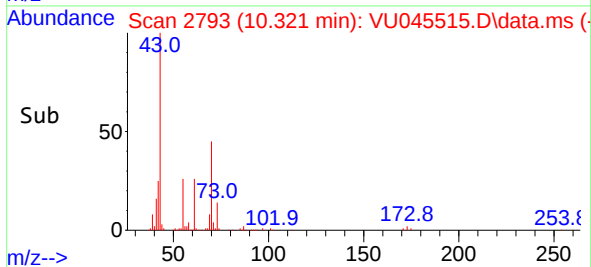
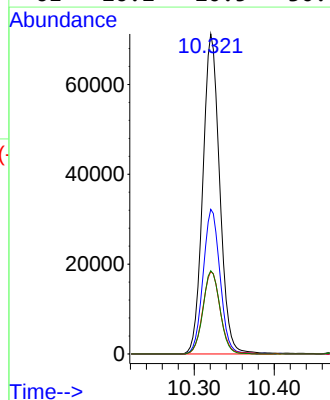
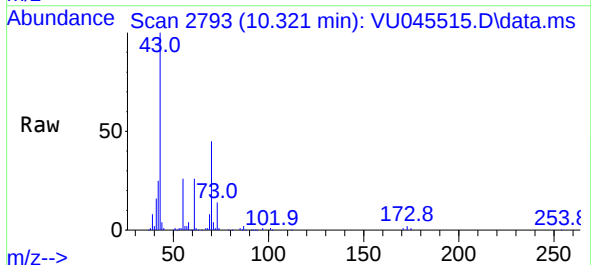
Instrument : MSVOA\_U  
ClientSampleId : VU1102WBS02

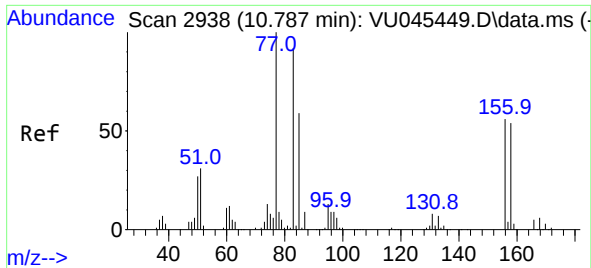
Tgt Ion:105 Resp: 239816  
Ion Ratio Lower Upper  
105 100  
120 25.6 12.9 38.6



#74  
N-ethyl acetate  
Concen: 18.254 ug/l  
RT: 10.321 min Scan# 2793  
Delta R.T. 0.001 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 43 Resp: 104649  
Ion Ratio Lower Upper  
43 100  
70 45.4 36.9 55.3  
55 26.6 20.6 31.0  
61 26.2 20.5 30.7

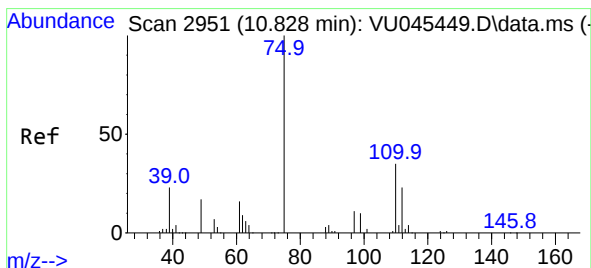
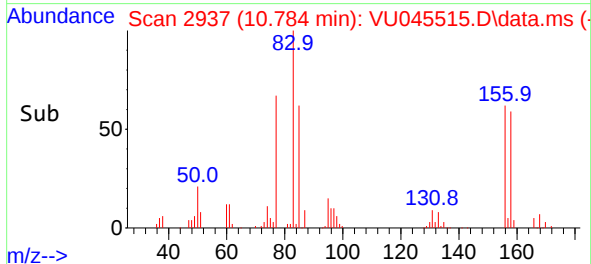
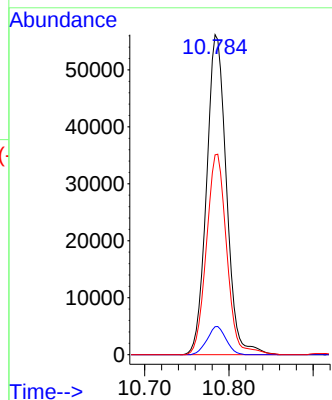
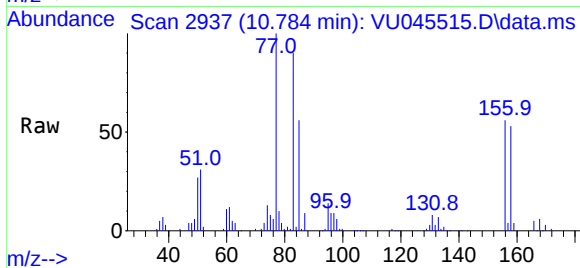




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.153 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

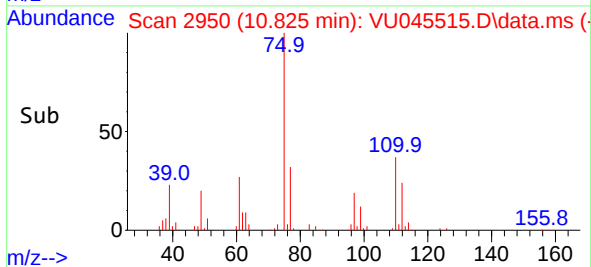
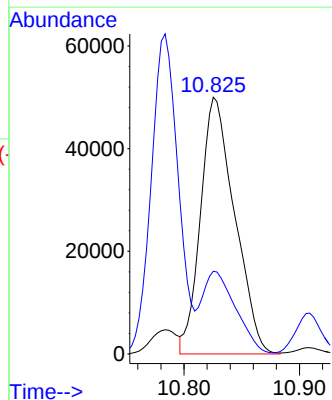
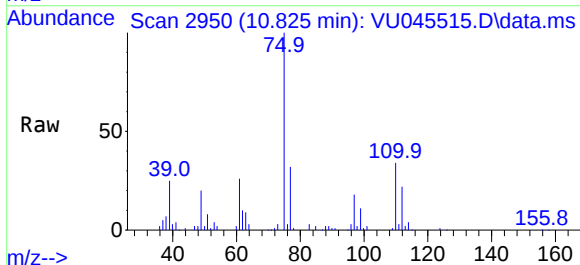
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

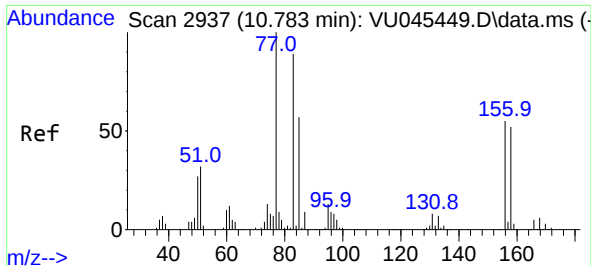
Tgt Ion: 83 Resp: 92199  
Ion Ratio Lower Upper  
83 100  
131 8.4 4.4 13.2  
85 64.0 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 22.536 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 75 Resp: 102645  
Ion Ratio Lower Upper  
75 100  
77 31.7 17.1 51.3

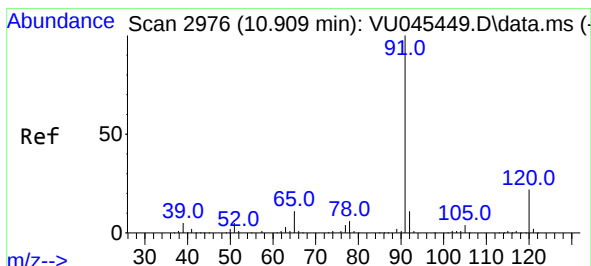
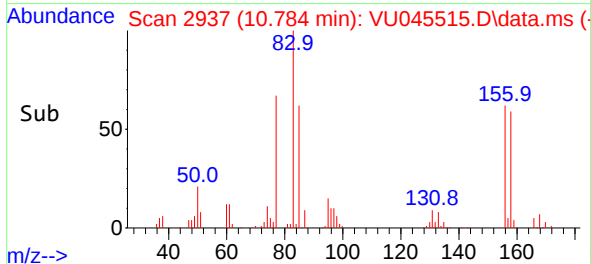
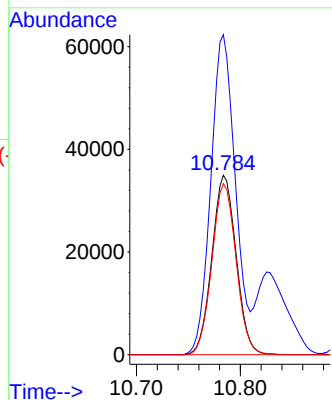
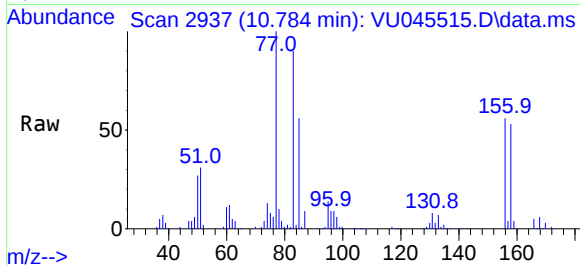




#77  
Bromobenzene  
Concen: 21.076 ug/l  
RT: 10.784 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

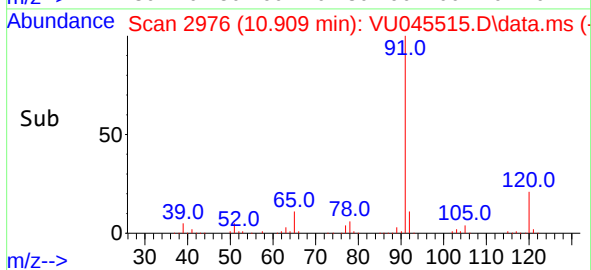
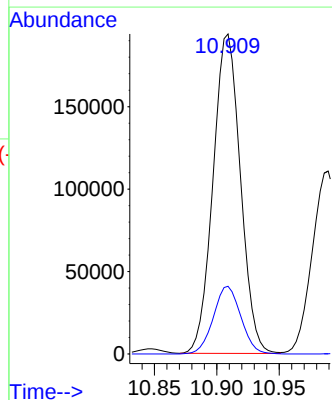
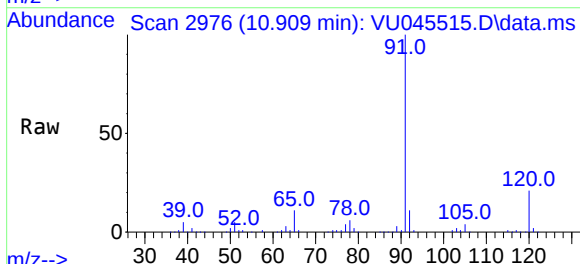
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

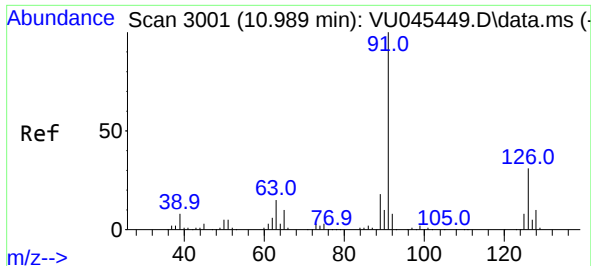
Tgt Ion:156 Resp: 56685  
Ion Ratio Lower Upper  
156 100  
77 179.7 91.1 273.4  
158 95.2 47.9 143.6



#78  
n-propylbenzene  
Concen: 21.217 ug/l  
RT: 10.909 min Scan# 2976  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 91 Resp: 296511  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.9 32.7

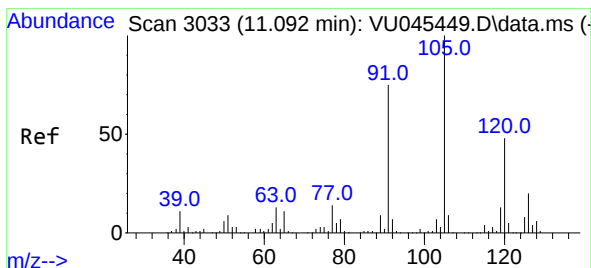
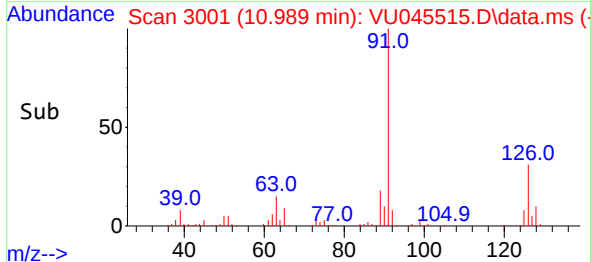
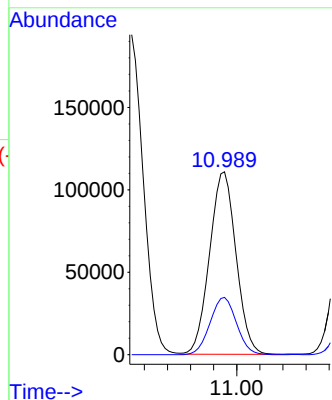
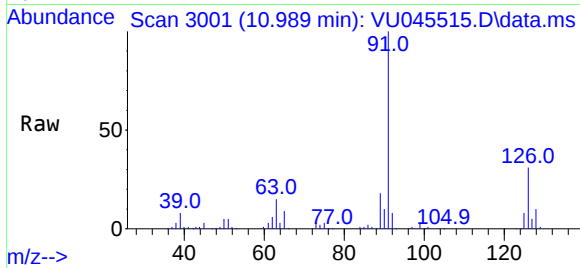




#79  
2-Chlorotoluene  
Concen: 20.952 ug/l  
RT: 10.989 min Scan# 3001  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

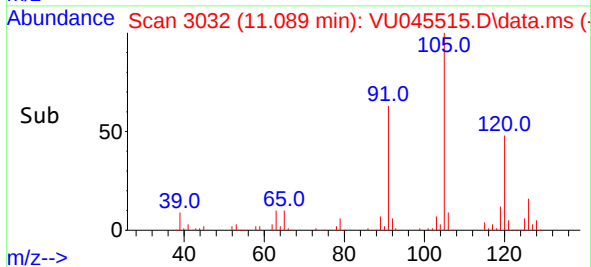
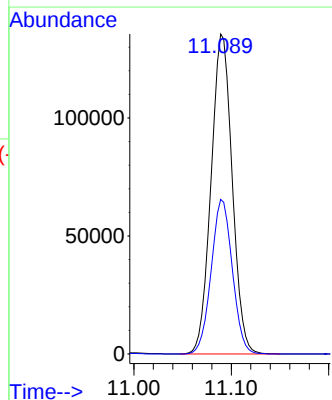
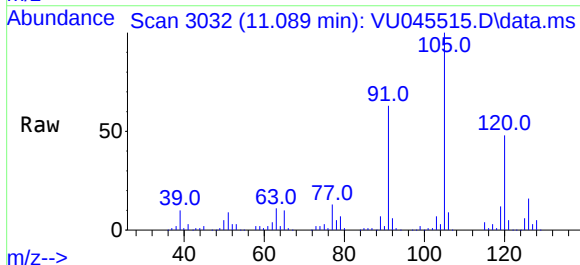
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

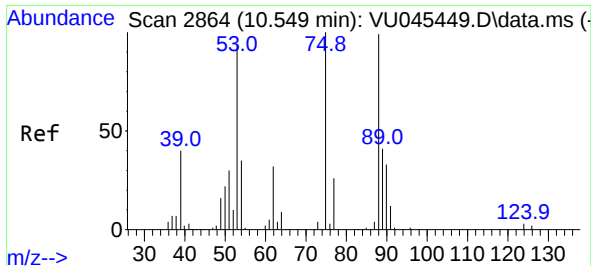
Tgt Ion: 91 Resp: 176242  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 21.036 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 105 Resp: 204037  
Ion Ratio Lower Upper  
105 100  
120 48.3 23.9 71.8

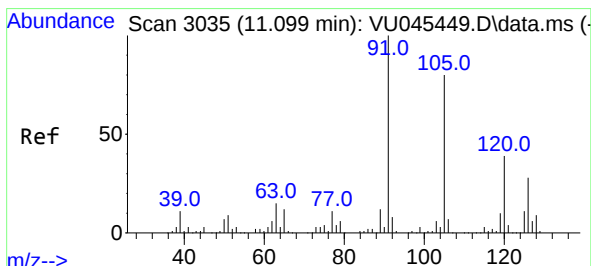
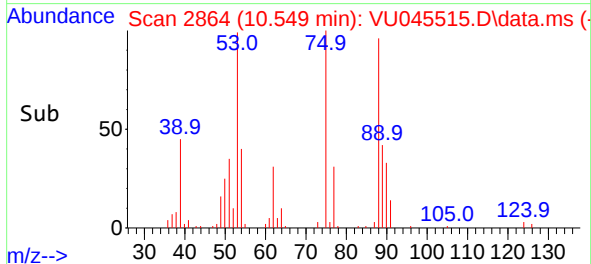
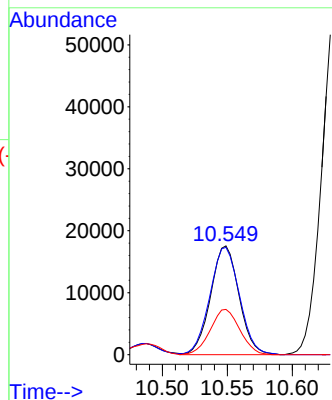
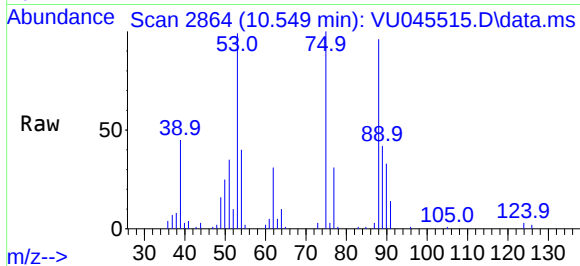




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.208 ug/l  
RT: 10.549 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

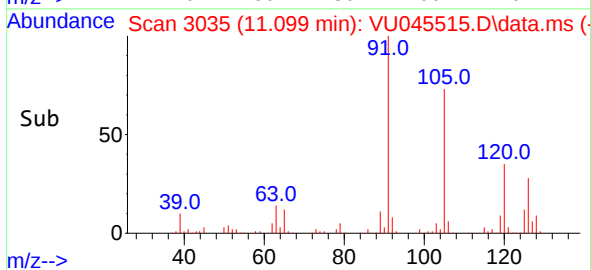
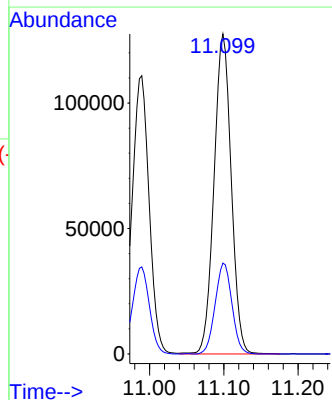
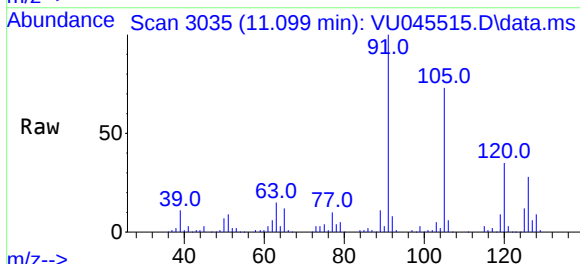
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

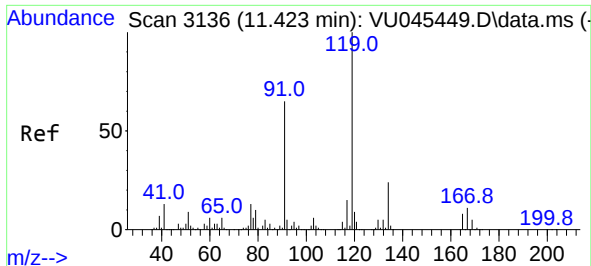
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 26697 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 102.7 | 76.2  | 114.4 |
| 89       | 43.3  | 34.0  | 51.0  |



#82  
4-Chlorotoluene  
Concen: 21.463 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 205303 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 27.6  | 13.8  | 41.4   |

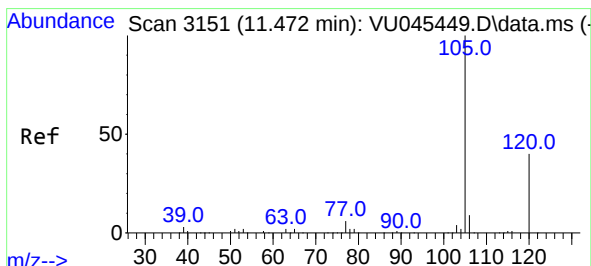
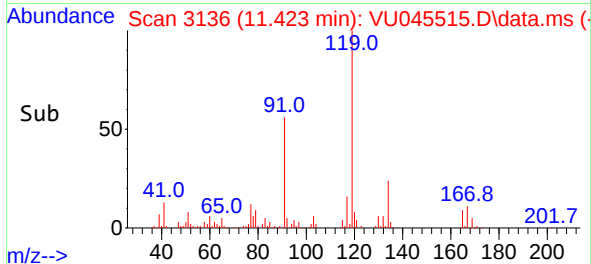
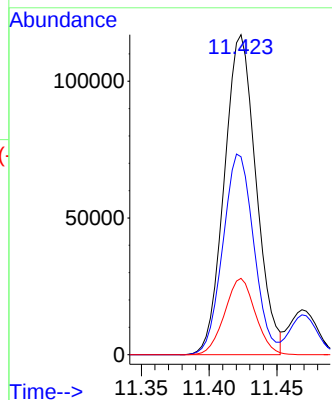
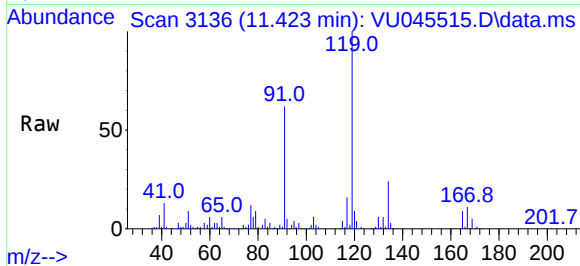




#83  
tert-Butylbenzene  
Concen: 20.427 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

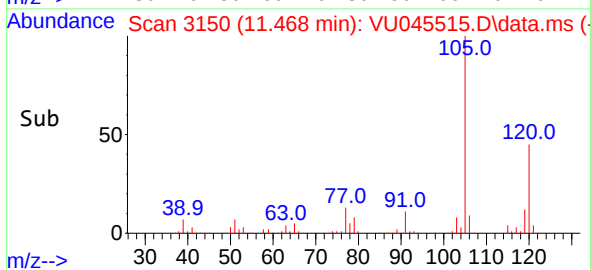
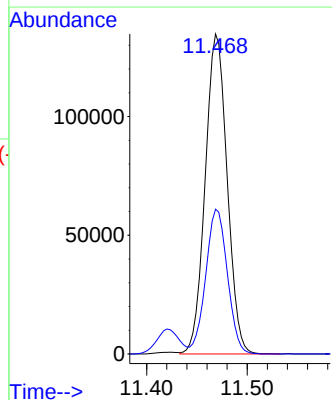
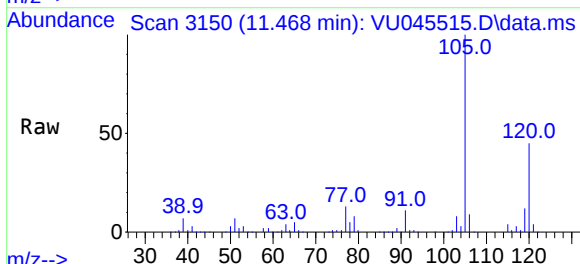
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

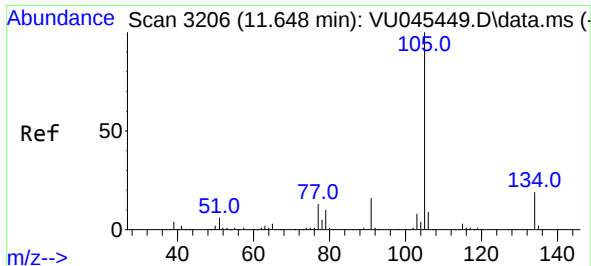
Tgt Ion:119 Resp: 191249  
Ion Ratio Lower Upper  
119 100  
91 60.8 30.5 91.5  
134 23.0 11.5 34.5



#84  
1,2,4-Trimethylbenzene  
Concen: 21.038 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. -0.004 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:105 Resp: 204462  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.2 66.6

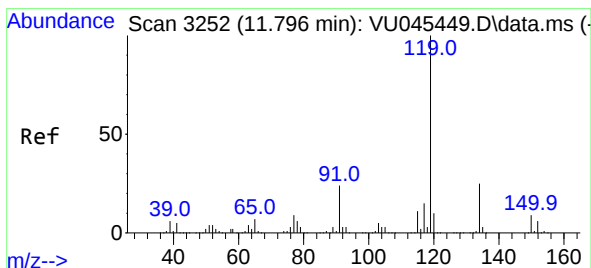
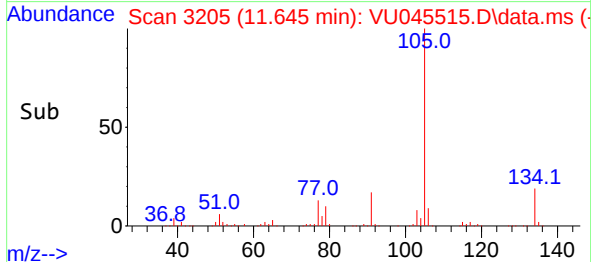
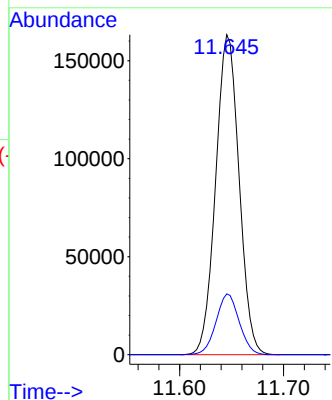
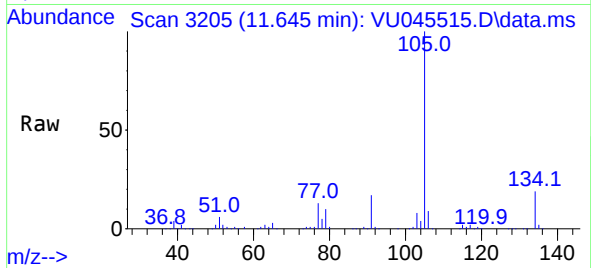




#85  
 sec-Butylbenzene  
 Concen: 20.758 ug/l  
 RT: 11.645 min Scan# 31  
 Delta R.T. -0.003 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

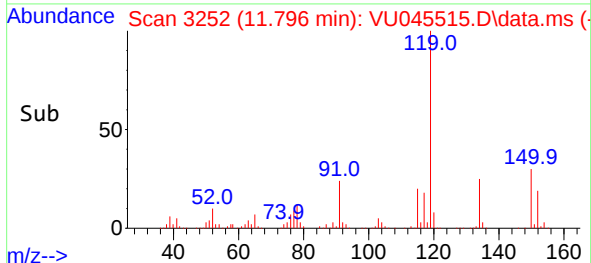
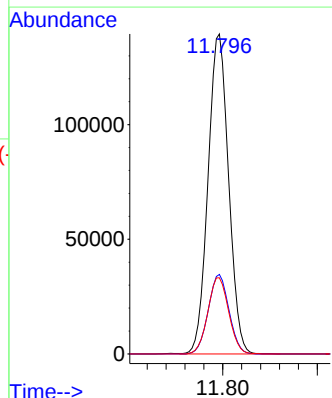
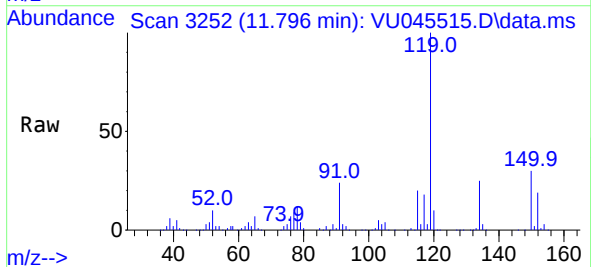
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1102WBS02

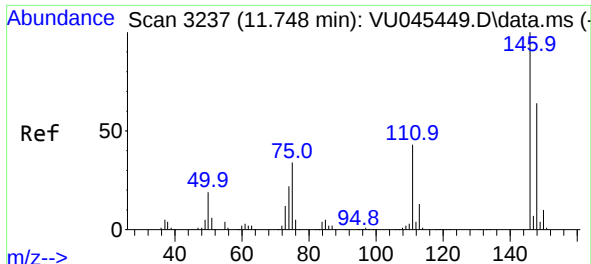
Tgt Ion:105 Resp: 255035  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.4 28.3



#86  
 p-Isopropyltoluene  
 Concen: 19.447 ug/l  
 RT: 11.796 min Scan# 3252  
 Delta R.T. 0.000 min  
 Lab File: VU045515.D  
 Acq: 02 Nov 2021 15:35

Tgt Ion:119 Resp: 210416  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.7 38.1  
 91 24.3 12.2 36.4

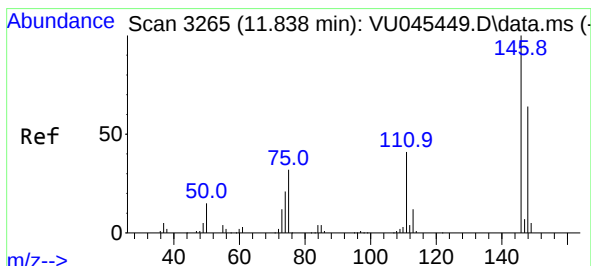
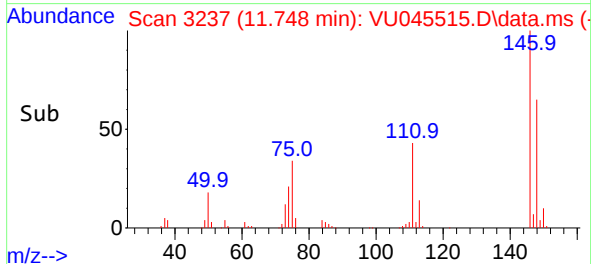
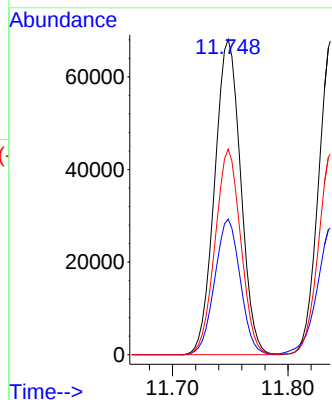
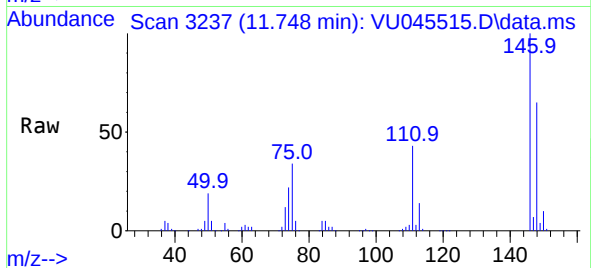




#87  
1,3-Dichlorobenzene  
Concen: 20.094 ug/l  
RT: 11.748 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

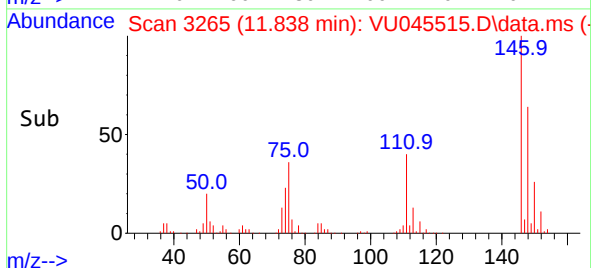
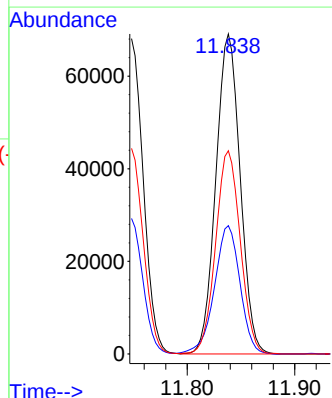
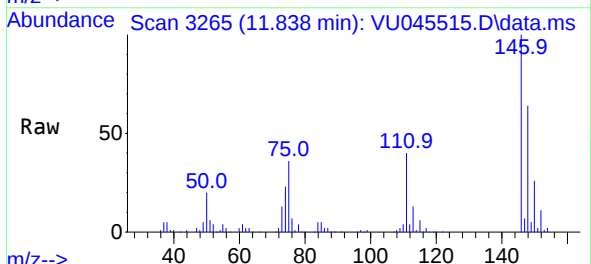
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MSVOA\_U  
ClientSampleId :  
VU1102WBS02

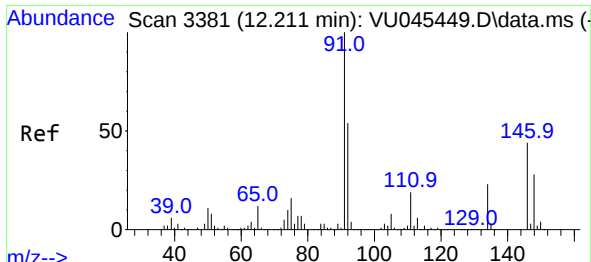
Tgt Ion:146 Resp: 106681  
Ion Ratio Lower Upper  
146 100  
111 42.3 21.3 63.9  
148 64.4 31.7 95.1



#88  
1,4-Dichlorobenzene  
Concen: 19.997 ug/l  
RT: 11.838 min Scan# 3265  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:146 Resp: 108565  
Ion Ratio Lower Upper  
146 100  
111 42.2 20.6 61.9  
148 64.6 31.9 95.7

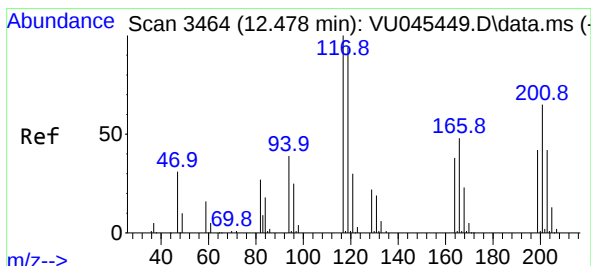
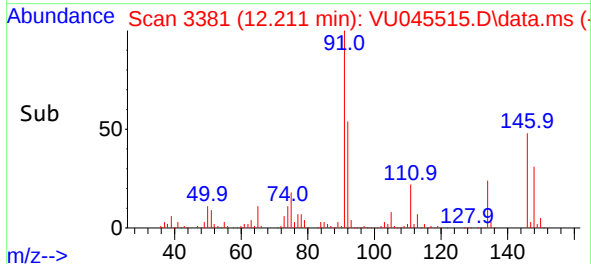
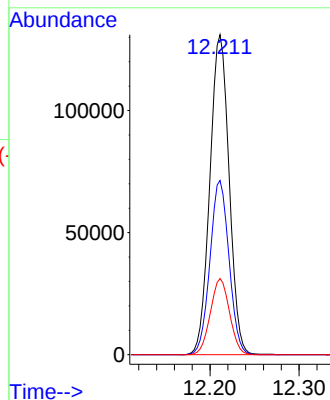
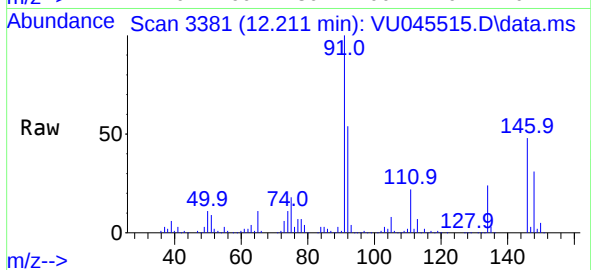




#89  
n-Butylbenzene  
Concen: 19.022 ug/l  
RT: 12.211 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

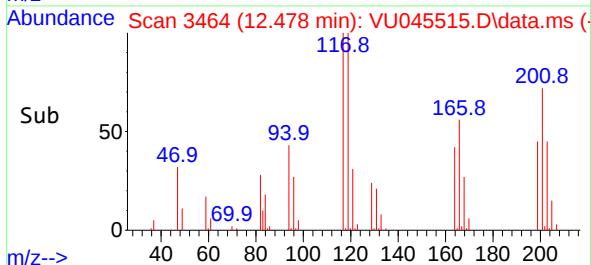
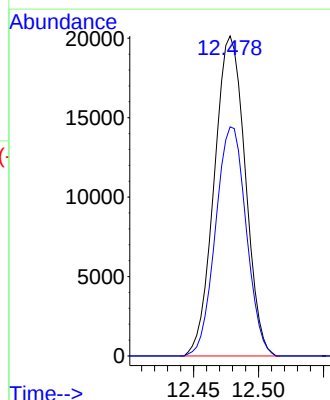
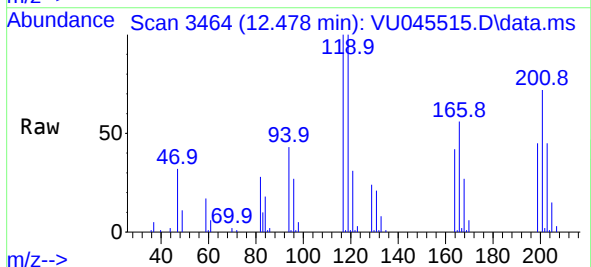
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

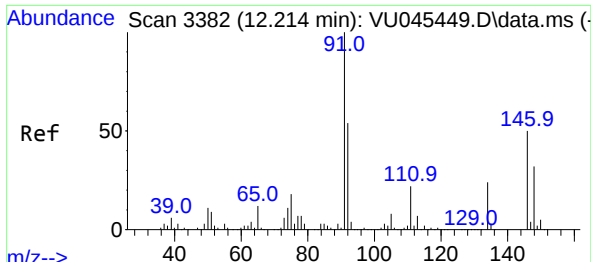
Tgt Ion: 91 Resp: 196334  
Ion Ratio Lower Upper  
91 100  
92 53.9 27.1 81.2  
134 23.7 11.8 35.4



#90  
Hexachloroethane  
Concen: 19.057 ug/l  
RT: 12.478 min Scan# 3464  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 117 Resp: 33419  
Ion Ratio Lower Upper  
117 100  
201 70.8 33.8 101.4

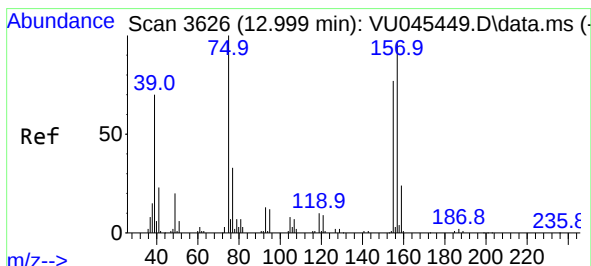
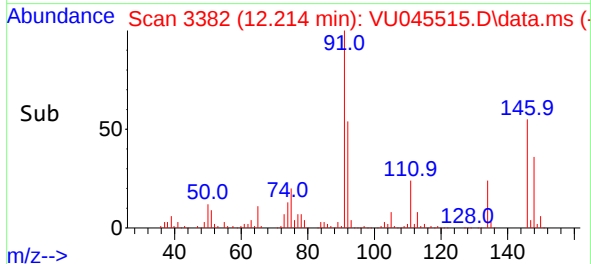
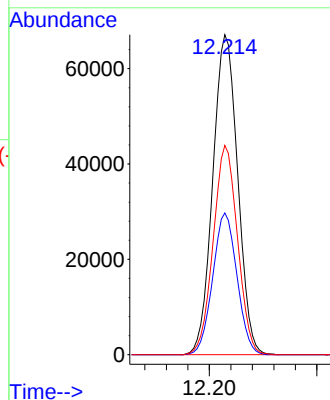
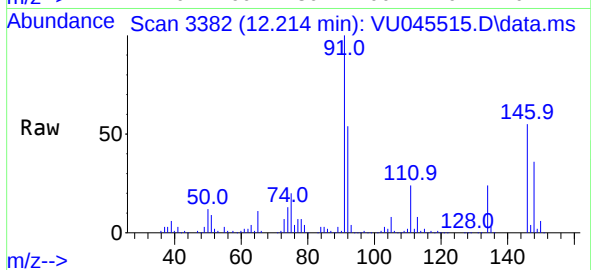




#91  
1,2-Dichlorobenzene  
Concen: 20.318 ug/l  
RT: 12.214 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

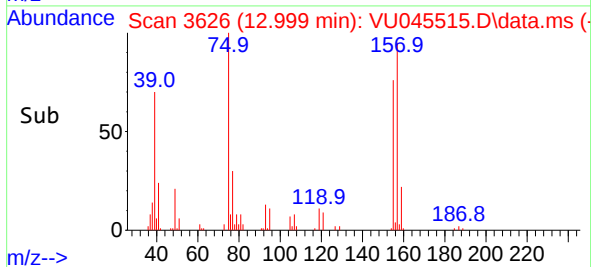
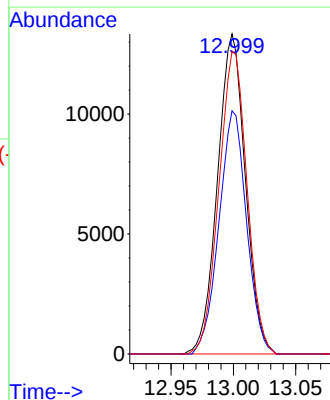
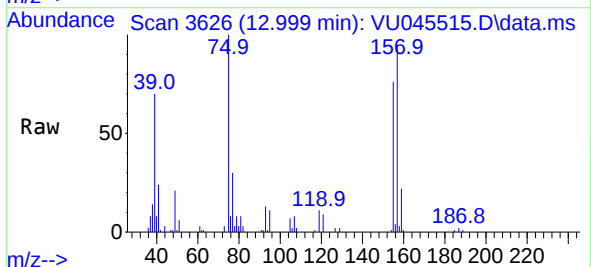
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

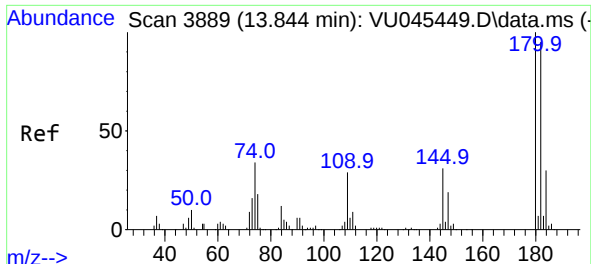
Tgt Ion:146 Resp: 107890  
Ion Ratio Lower Upper  
146 100  
111 43.2 21.9 65.5  
148 64.0 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.913 ug/l  
RT: 12.999 min Scan# 3626  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion: 75 Resp: 20782  
Ion Ratio Lower Upper  
75 100  
155 75.2 37.8 113.3  
157 95.3 48.4 145.2

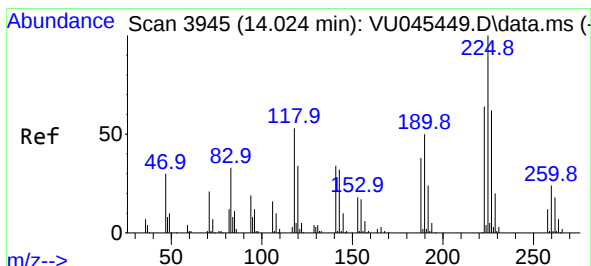
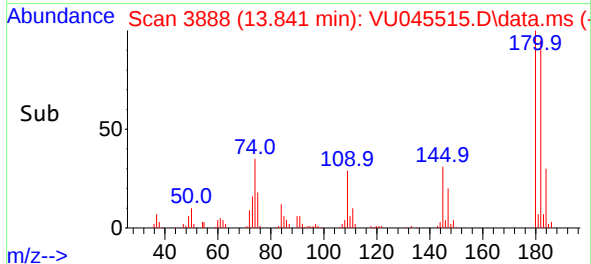
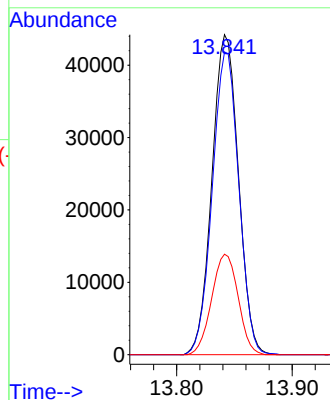
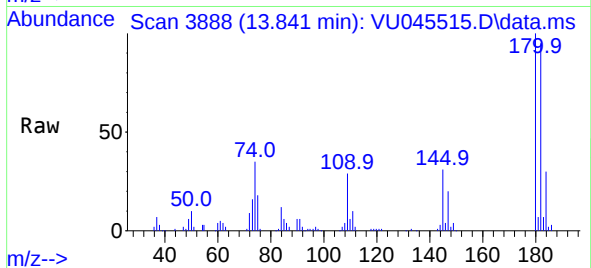




#93  
1,2,4-Trichlorobenzene  
Concen: 19.791 ug/l  
RT: 13.841 min Scan# 3889  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

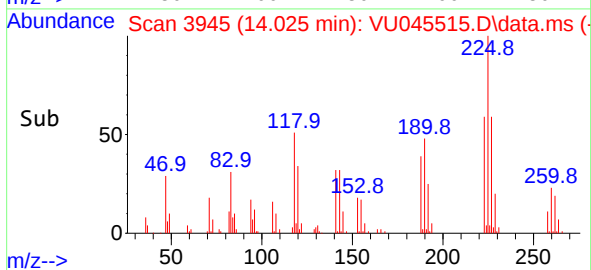
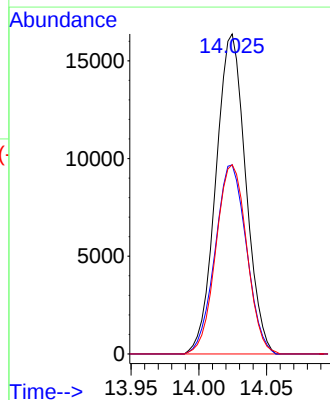
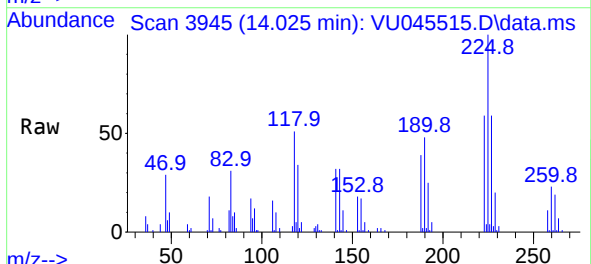
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

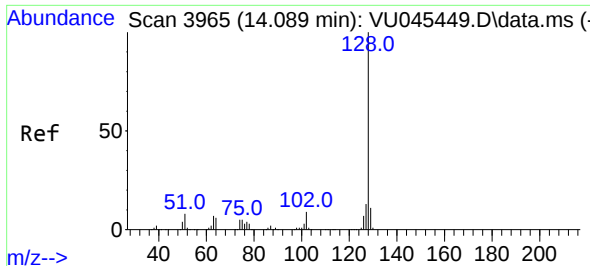
Tgt Ion:180 Resp: 70375  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.0 141.2  
145 31.4 15.6 46.7



#94  
Hexachlorobutadiene  
Concen: 19.380 ug/l  
RT: 14.025 min Scan# 3945  
Delta R.T. 0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:225 Resp: 25092  
Ion Ratio Lower Upper  
225 100  
223 62.1 32.0 96.2  
227 61.0 31.1 93.5



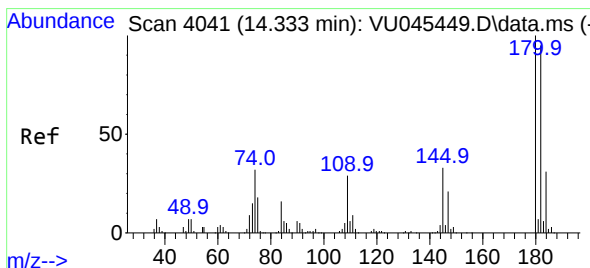
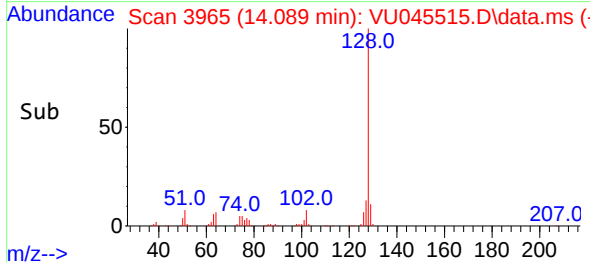
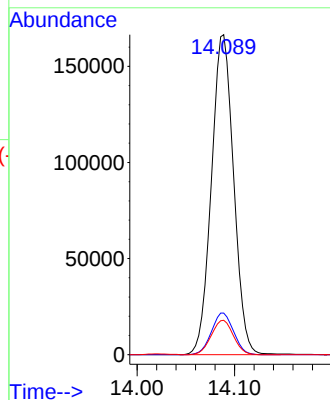
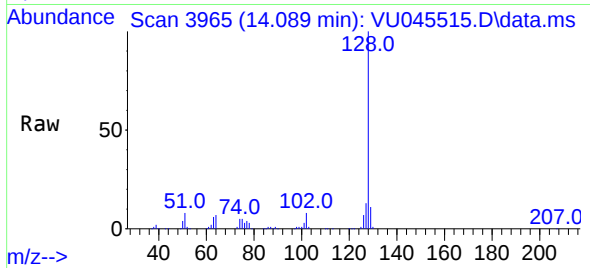


#95  
Naphthalene  
Concen: 18.825 ug/l  
RT: 14.089 min Scan# 3965  
Delta R.T. -0.000 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1102WBS02

Tgt Ion:128 Resp: 263776

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.6  | 15.8  |
| 129 | 10.7  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 20.229 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. -0.003 min  
Lab File: VU045515.D  
Acq: 02 Nov 2021 15:35

Tgt Ion:180 Resp: 72508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.1  | 47.7  | 143.1 |
| 145 | 32.6  | 16.7  | 50.0  |

