

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
 Data File : VU045933.D  
 Acq On : 22 Nov 2021 23:31  
 Operator : SY/MD  
 Sample : VU1122WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1122WBS02

Quant Time: Nov 23 05:21:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2021  
 Supervised By : Mahesh Dadoda 11/23/2021

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.379          | 168  | 100225              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.250          | 114  | 173547              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.420          | 117  | 173698              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.812         | 152  | 91816               | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.703          | 65   | 76986               | 51.290  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 102.580% |         |        |          |
| 35) Dibromofluoromethane     | 5.292          | 113  | 59425               | 51.287  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 102.580% |         |        |          |
| 50) Toluene-d8               | 7.899          | 98   | 232783              | 54.028  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 108.060% |         |        |          |
| 62) 4-Bromofluorobenzene     | 10.632         | 95   | 90752               | 52.527  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 105.060% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.385          | 85   | 27179               | 20.915  | ug/l   | 99       |
| 3) Chloromethane             | 1.520          | 50   | 26640               | 17.917  | ug/l   | 100      |
| 4) Vinyl Chloride            | 1.607          | 62   | 28467               | 19.655  | ug/l   | 100      |
| 5) Bromomethane              | 1.861          | 94   | 18590               | 23.012  | ug/l   | 98       |
| 6) Chloroethane              | 1.938          | 64   | 17412               | 18.421  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.144          | 101  | 39270               | 20.504  | ug/l   | 97       |
| 8) Diethyl Ether             | 2.379          | 74   | 15327               | 20.217  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.584          | 101  | 22422               | 20.049  | ug/l   | 96       |
| 10) Methyl Iodide            | 2.729          | 142  | 20742               | 14.173  | ug/l   | 92       |
| 11) Tert butyl alcohol       | 3.282          | 59   | 31570m              | 106.263 | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.584          | 96   | 22245               | 20.174  | ug/l   | 95       |
| 13) Acrolein                 | 2.504          | 56   | 4577                | 106.312 | ug/l   | 91       |
| 14) Allyl chloride           | 2.929          | 41   | 35508               | 18.035  | ug/l   | 95       |
| 15) Acrylonitrile            | 3.327          | 53   | 89976               | 113.433 | ug/l   | 99       |
| 16) Acetone                  | 2.658          | 43   | 74952               | 98.095  | ug/l   | 96       |
| 17) Carbon Disulfide         | 2.800          | 76   | 61394               | 19.878  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.961          | 43   | 51691               | 19.862  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.366          | 73   | 78221               | 19.707  | ug/l   | 95       |
| 20) Methylene Chloride       | 3.051          | 84   | 26532               | 19.984  | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.356          | 96   | 24620               | 21.462  | ug/l   | 88       |
| 22) Diisopropyl ether        | 3.993          | 45   | 75143               | 19.437  | ug/l # | 80       |
| 23) Vinyl Acetate            | 3.961          | 43   | 294799              | 99.149  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.874          | 63   | 46640               | 20.246  | ug/l   | 100      |
| 25) 2-Butanone               | 4.719          | 43   | 112069              | 105.751 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.671          | 77   | 34378               | 18.009  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.671          | 96   | 27749               | 20.595  | ug/l   | 96       |
| 28) Bromochloromethane       | 4.980          | 49   | 30808               | 28.051  | ug/l   | 89       |
| 29) Tetrahydrofuran          | 5.063          | 42   | 72089               | 111.210 | ug/l   | 97       |
| 30) Chloroform               | 5.092          | 83   | 46643               | 20.472  | ug/l   | 99       |
| 31) Cyclohexane              | 5.391          | 56   | 40610               | 18.543  | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.321          | 97   | 40466               | 20.827  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.530          | 75   | 34898               | 20.623  | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.806          | 43   | 43334               | 22.293  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.530          | 117  | 34374               | 20.149  | ug/l   | 96       |
| 39) Methylcyclohexane        | 6.768          | 83   | 39694               | 19.120  | ug/l   | 94       |
| 40) Benzene                  | 5.777          | 78   | 101279              | 20.215  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
 Data File : VU045933.D  
 Acq On : 22 Nov 2021 23:31  
 Operator : SY/MD  
 Sample : VU1122WBS02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1122WBS02

Quant Time: Nov 23 05:21:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 05 13:35:16 2021  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/23/2021  
 Supervised By : Mahesh Dadoda 11/23/2021

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.980  | 41   | 22450    | 21.854  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.797  | 62   | 37474    | 20.708  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.912  | 43   | 58643    | 19.724  | ug/l   | 97       |
| 44) Trichloroethene           | 6.546  | 130  | 27224    | 22.701  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 6.793  | 63   | 26572    | 20.044  | ug/l   | 98       |
| 46) Dibromomethane            | 6.922  | 93   | 19265    | 20.974  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.108  | 83   | 36200    | 20.771  | ug/l   | 96       |
| 48) Methyl methacrylate       | 6.960  | 41   | 26288    | 19.210  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 7.073  | 88   | 14865m   | 422.388 | ug/l   |          |
| 51) 4-Methyl-2-Pentanone      | 7.793  | 43   | 205900   | 104.981 | ug/l   | 98       |
| 52) Toluene                   | 7.970  | 92   | 65350    | 21.306  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.211  | 75   | 39053    | 19.497  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.610  | 75   | 41916    | 19.702  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 8.401  | 97   | 26916    | 21.173  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.333  | 69   | 38752    | 18.596  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 8.578  | 76   | 46717    | 20.404  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.465  | 63   | 131659   | 112.497 | ug/l   | 97       |
| 59) 2-Hexanone                | 8.687  | 43   | 157382   | 96.975  | ug/l   | 100      |
| 60) Dibromochloromethane      | 8.813  | 129  | 27708    | 20.932  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 8.925  | 107  | 28425    | 20.848  | ug/l   | 98       |
| 64) Tetrachloroethene         | 8.555  | 164  | 26233    | 26.313  | ug/l   | 96       |
| 65) Chlorobenzene             | 9.449  | 112  | 68010    | 19.933  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.536  | 131  | 23835    | 19.587  | ug/l   | 98       |
| 67) Ethyl Benzene             | 9.571  | 91   | 122009   | 19.969  | ug/l   | 100      |
| 68) m/p-Xylenes               | 9.697  | 106  | 96077    | 41.695  | ug/l   | 98       |
| 69) o-Xylene                  | 10.102 | 106  | 45829    | 20.457  | ug/l   | 100      |
| 70) Styrene                   | 10.115 | 104  | 76556    | 20.200  | ug/l   | 99       |
| 71) Bromoform                 | 10.292 | 173  | 20404    | 19.709  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.484 | 105  | 121126   | 20.190  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.320 | 43   | 41932    | 15.494  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 10.783 | 83   | 45790    | 19.265  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.825 | 75   | 51501    | 18.496  | ug/l   | 92       |
| 77) Bromobenzene              | 10.783 | 156  | 30107    | 20.670  | ug/l   | 92       |
| 78) n-propylbenzene           | 10.906 | 91   | 148077   | 19.832  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.986 | 91   | 88943    | 20.162  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.089 | 105  | 103257   | 19.700  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 10.546 | 75   | 11727    | 15.964  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.099 | 91   | 103695   | 20.044  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.423 | 119  | 94688    | 18.951  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.468 | 105  | 101798   | 19.541  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.645 | 105  | 129347   | 19.519  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 11.793 | 119  | 106863   | 19.298  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.745 | 146  | 57522    | 19.573  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 11.838 | 146  | 58539    | 19.695  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.211 | 91   | 95717    | 17.944  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.475 | 117  | 15452    | 15.468  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.214 | 146  | 56835    | 19.878  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.996 | 75   | 10243    | 18.264  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 13.841 | 180  | 36942    | 18.686  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 14.021 | 225  | 16095    | 18.860  | ug/l   | 100      |
| 95) Naphthalene               | 14.086 | 128  | 131239   | 18.324  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.330 | 180  | 38214    | 19.461  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112221\  
Data File : VU045933.D  
Acq On : 22 Nov 2021 23:31  
Operator : SY/MD  
Sample : VU1122WBS02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Manual Integrations  
APPROVED

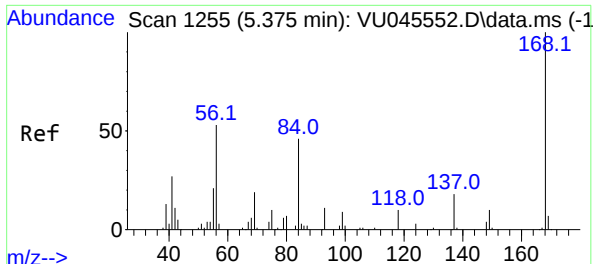
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 05:21:41 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U110521W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 05 13:35:16 2021  
Response via : Initial Calibration

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

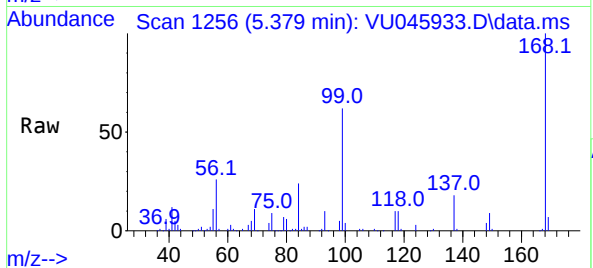
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.379 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

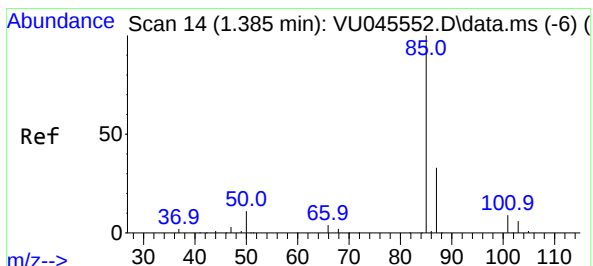
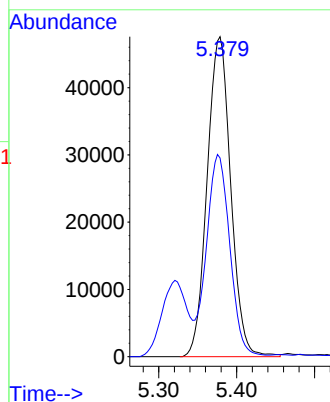
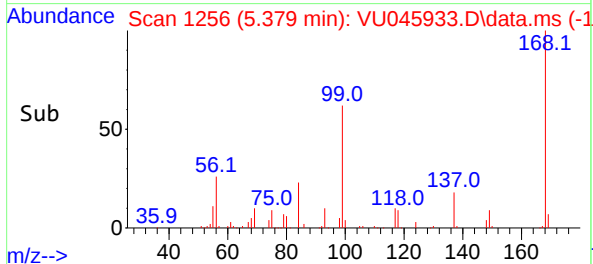
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



Tgt Ion:168 Resp: 100225  
Ion Ratio Lower Upper  
168 100  
99 61.4 51.0 76.6

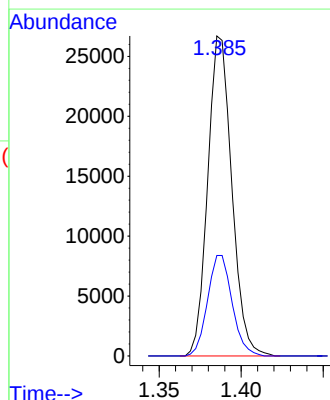
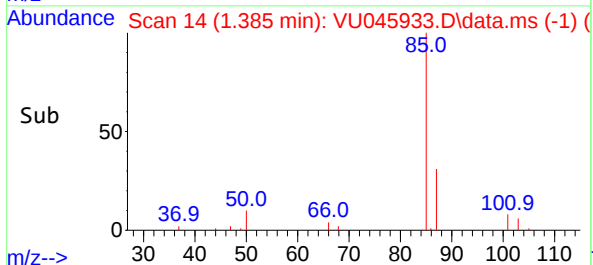
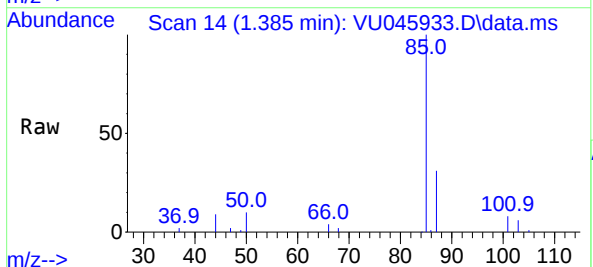
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

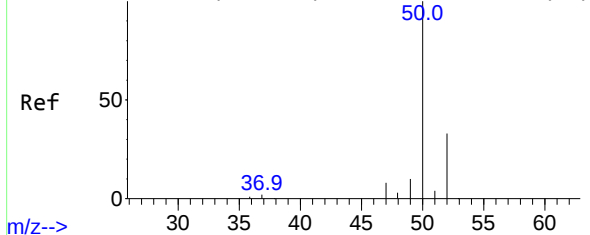


Dichlorodifluoromethane  
Concen: 20.915 ug/l  
RT: 1.385 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 85 Resp: 27179  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.9 47.7



Abundance Scan 57 (1.523 min): VU045552.D\data.ms (-48)



#3

Chloromethane

Concen: 17.917 ug/l

RT: 1.520 min Scan# 50

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBS02

Tgt Ion: 50 Resp: 26640

Ion Ratio Lower Upper

50 100

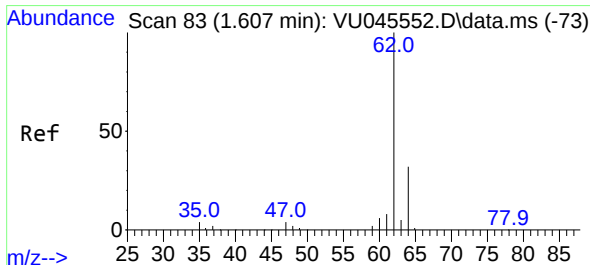
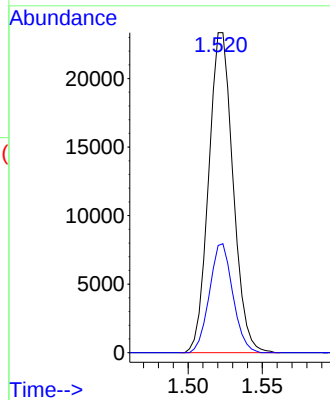
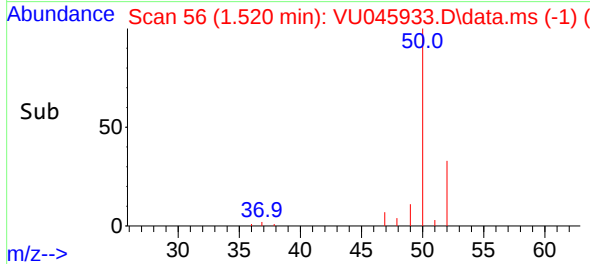
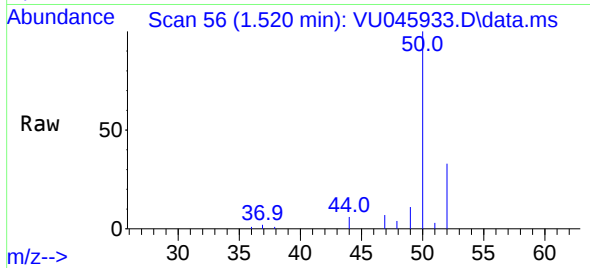
52 33.5 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#4

Vinyl Chloride

Concen: 19.655 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045933.D

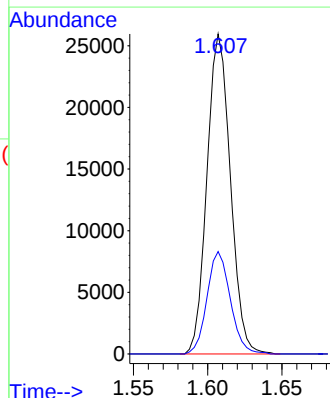
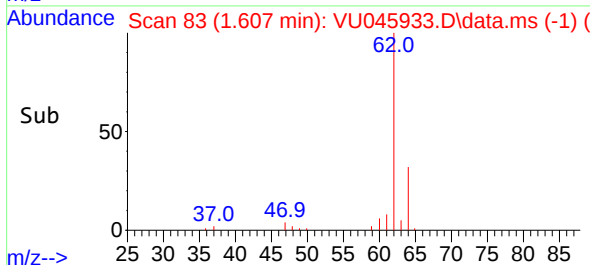
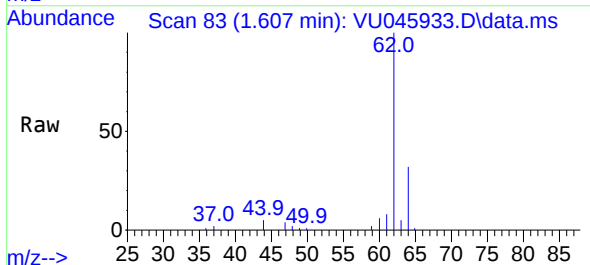
Acq: 22 Nov 2021 23:31

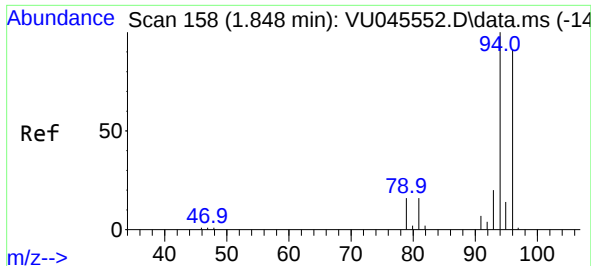
Tgt Ion: 62 Resp: 28467

Ion Ratio Lower Upper

62 100

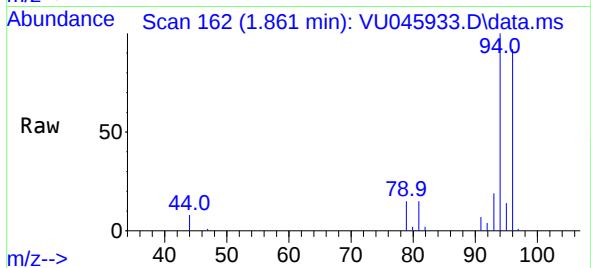
64 32.0 25.8 38.6





#5  
Bromomethane  
Concen: 23.012 ug/l  
RT: 1.861 min Scan# 1  
Delta R.T. 0.013 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

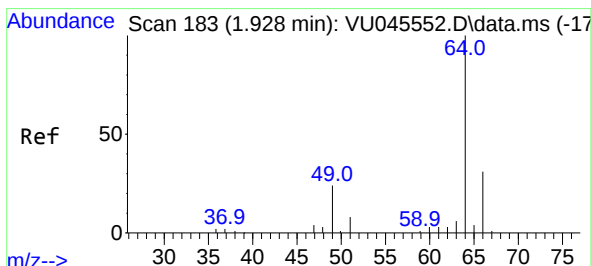
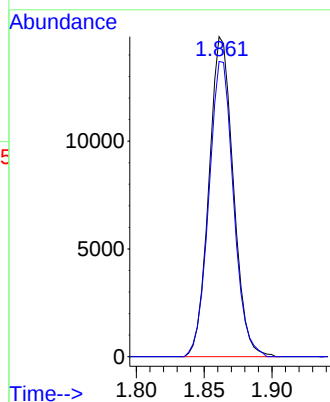
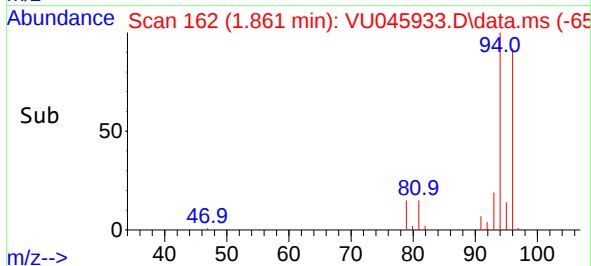
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



Tgt Ion: 94 Resp: 18590  
Ion Ratio Lower Upper  
94 100  
96 92.2 75.4 113.2

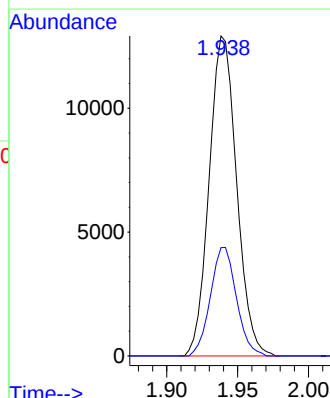
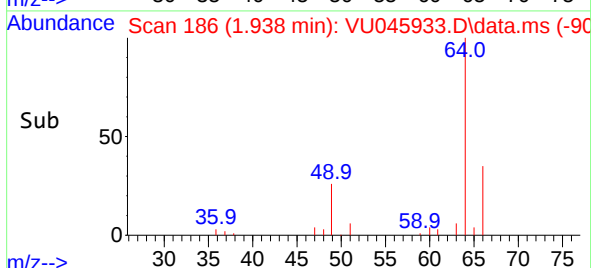
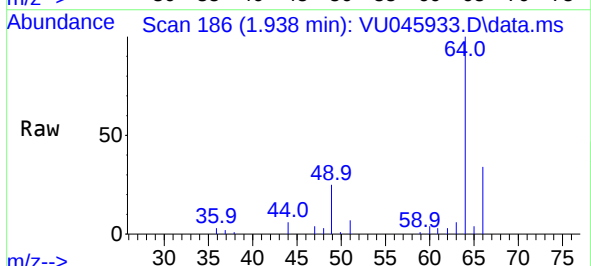
Manual Integrations  
APPROVED

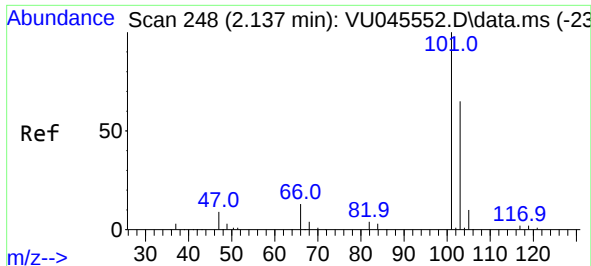
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#6  
Chloroethane  
Concen: 18.421 ug/l  
RT: 1.938 min Scan# 186  
Delta R.T. 0.010 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

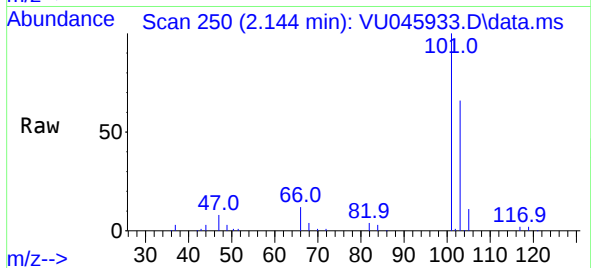
Tgt Ion: 64 Resp: 17412  
Ion Ratio Lower Upper  
64 100  
66 33.8 26.7 40.1





#7  
Trichlorofluoromethane  
Concen: 20.504 ug/l  
RT: 2.144 min Scan# 248  
Delta R.T. 0.006 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

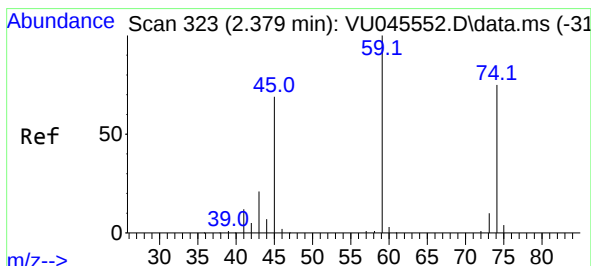
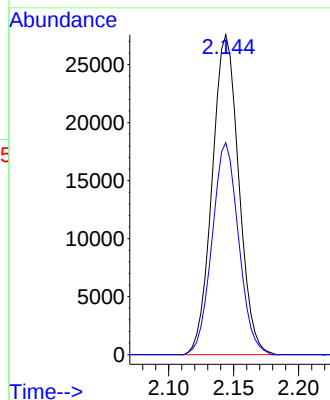
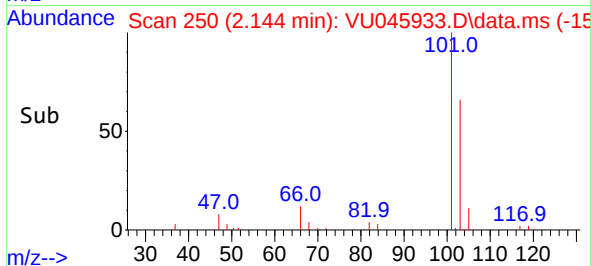
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



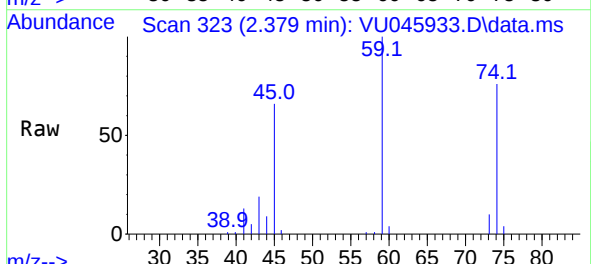
Tgt Ion:101 Resp: 39270  
Ion Ratio Lower Upper  
101 100  
103 66.3 51.4 77.0

Manual Integrations  
APPROVED

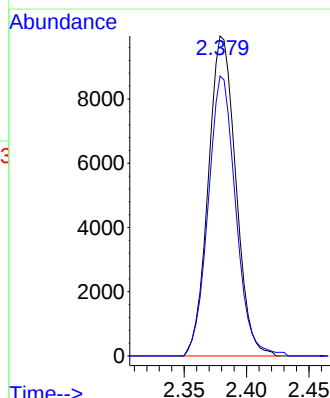
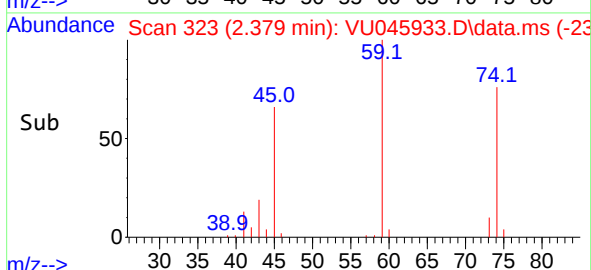
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

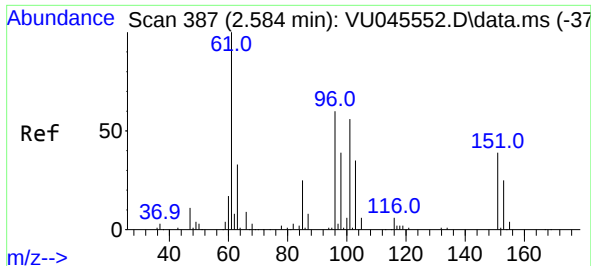


#8  
Diethyl Ether  
Concen: 20.217 ug/l  
RT: 2.379 min Scan# 323  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 74 Resp: 15327  
Ion Ratio Lower Upper  
74 100  
45 87.5 47.3 141.8





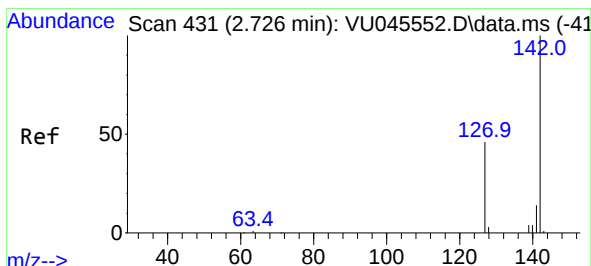
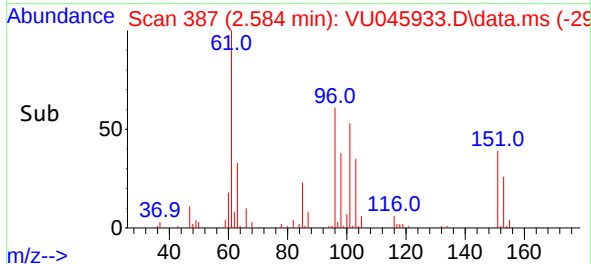
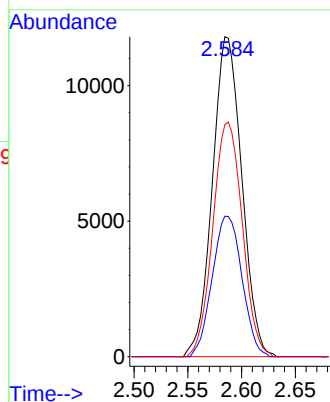
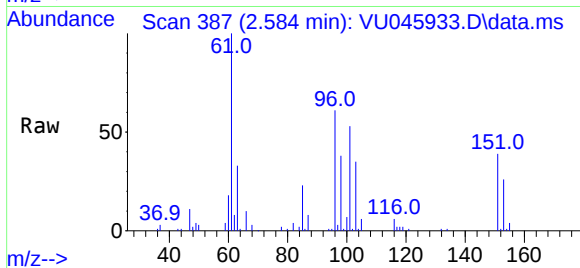
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.049 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion:101 Resp: 2242  
Ion Ratio Lower Upper  
101 100  
85 44.5 35.0 52.4  
151 73.5 54.6 82.0

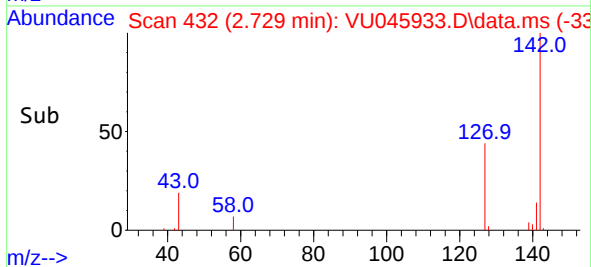
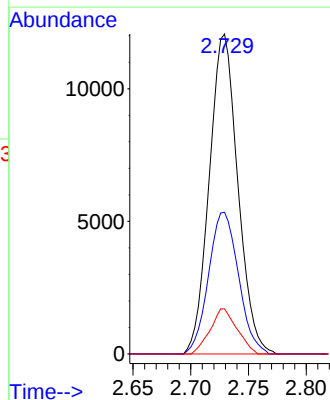
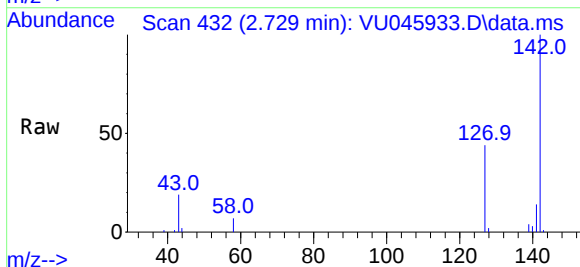
Manual Integrations  
APPROVED

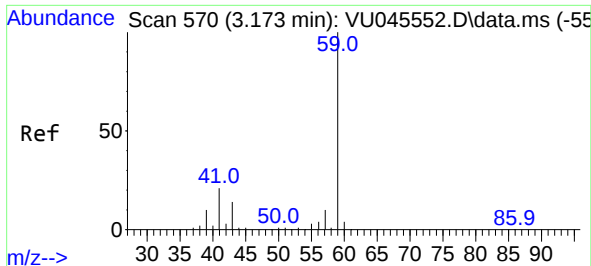
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#10  
Methyl Iodide  
Concen: 14.173 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:142 Resp: 20742  
Ion Ratio Lower Upper  
142 100  
127 46.4 32.2 48.2  
141 13.3 11.3 16.9





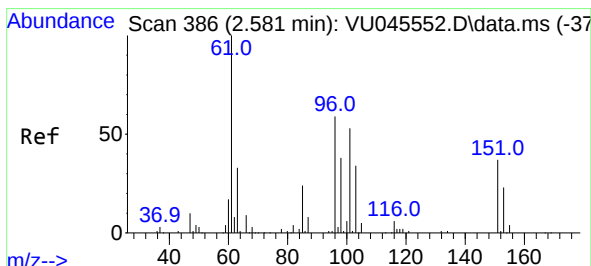
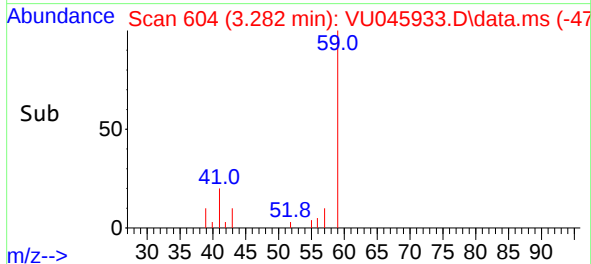
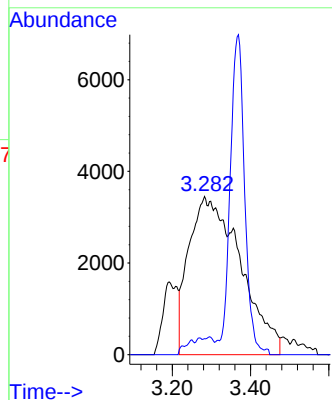
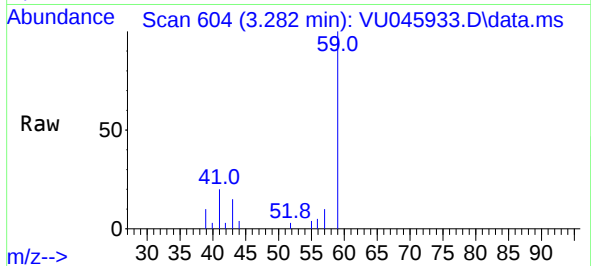
#11  
Tert butyl alcohol  
Concen: 106.263 ug/l m  
RT: 3.282 min Scan# 60  
Delta R.T. 0.109 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 59 Resp: 31570  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5

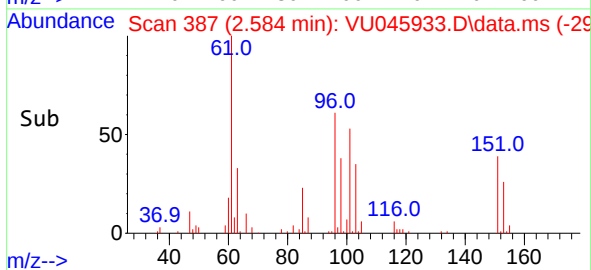
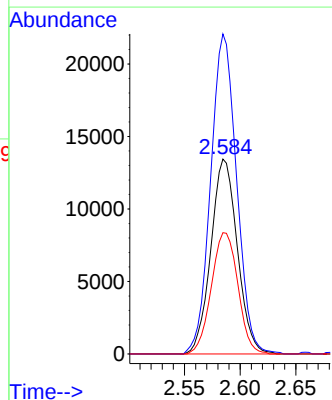
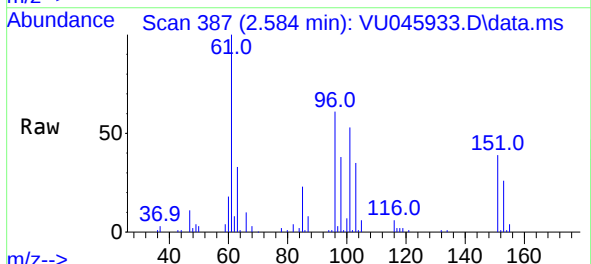
Manual Integrations  
APPROVED

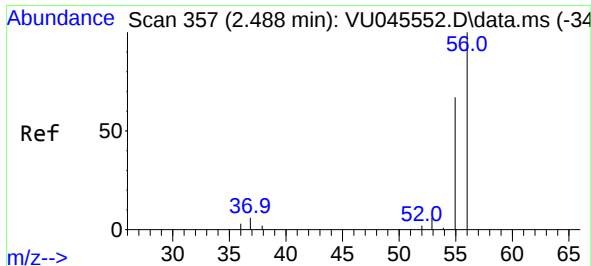
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#12  
1,1-Dichloroethene  
Concen: 20.174 ug/l  
RT: 2.584 min Scan# 387  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 96 Resp: 22245  
Ion Ratio Lower Upper  
96 100  
61 164.2 137.1 205.7  
98 62.3 51.5 77.3





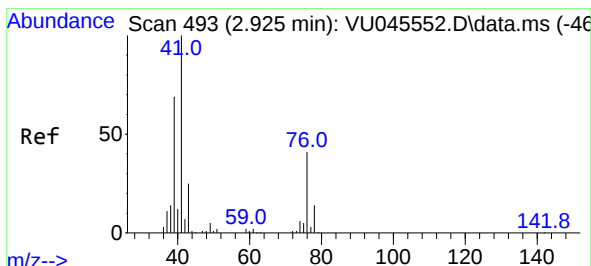
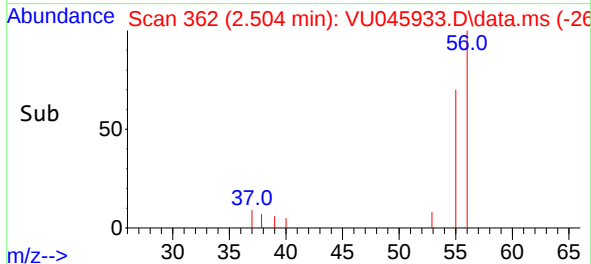
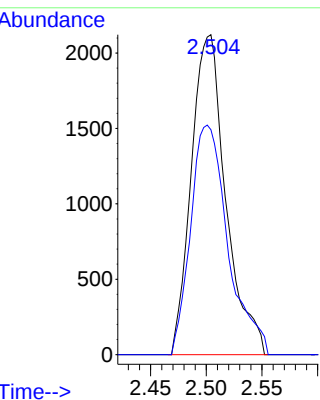
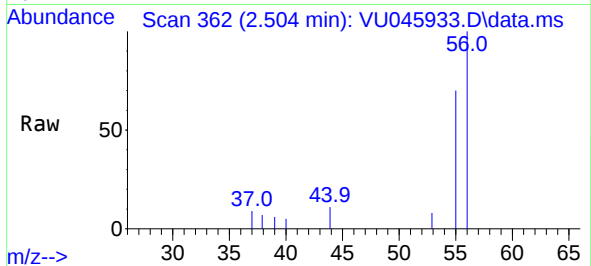
#13  
Acrolein  
Concen: 106.312 ug/l  
RT: 2.504 min Scan# 357  
Delta R.T. 0.016 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 56 Resp: 457  
Ion Ratio Lower Upper  
56 100  
55 77.5 56.3 84.5

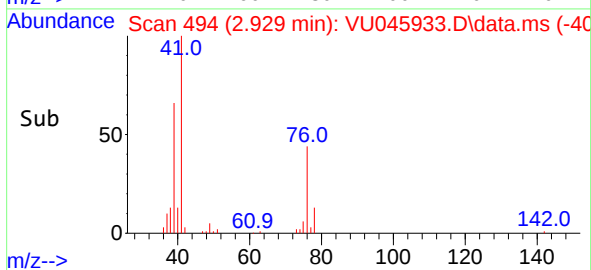
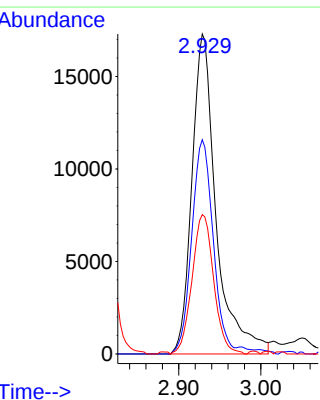
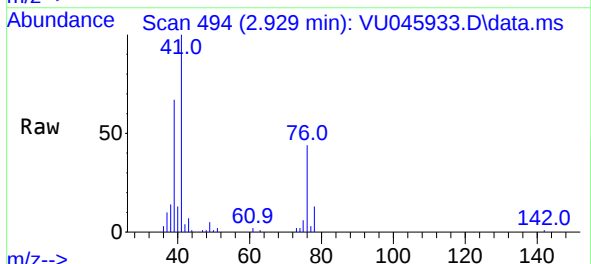
Manual Integrations  
APPROVED

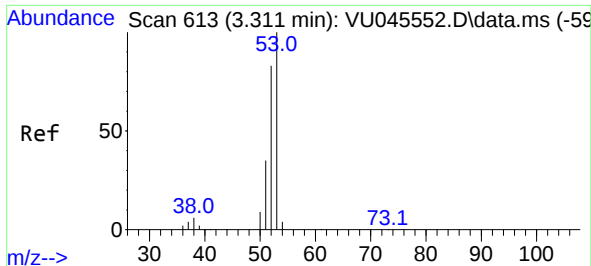
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#14  
Allyl chloride  
Concen: 18.035 ug/l  
RT: 2.929 min Scan# 494  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

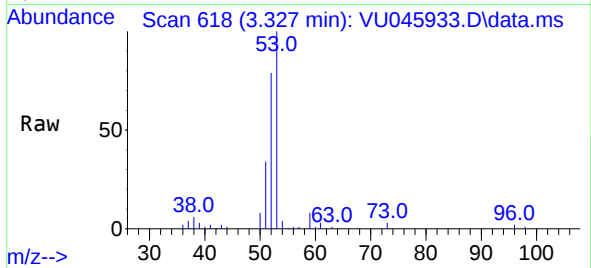
Tgt Ion: 41 Resp: 35508  
Ion Ratio Lower Upper  
41 100  
39 59.2 49.7 74.5  
76 38.9 27.7 41.5





#15  
Acrylonitrile  
Concen: 113.433 ug/l  
RT: 3.327 min Scan# 613  
Delta R.T. 0.016 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

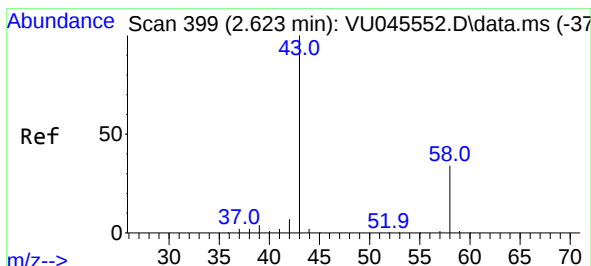
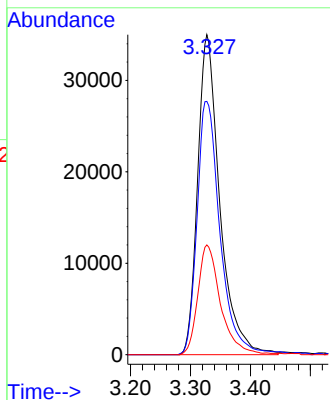
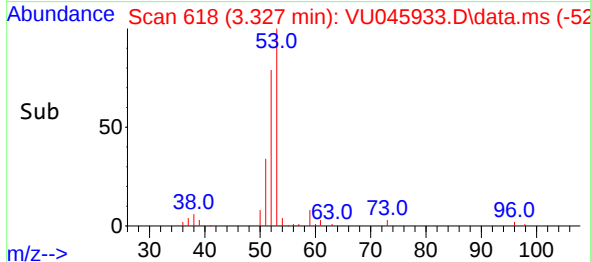
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



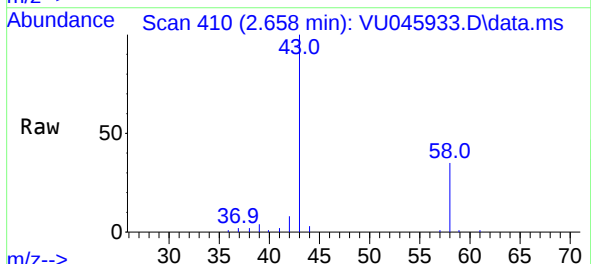
Tgt Ion: 53 Resp: 89970  
Ion Ratio Lower Upper  
53 100  
52 82.4 66.6 100.0  
51 35.1 28.4 42.6

Manual Integrations  
APPROVED

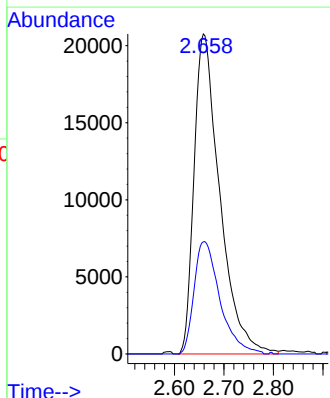
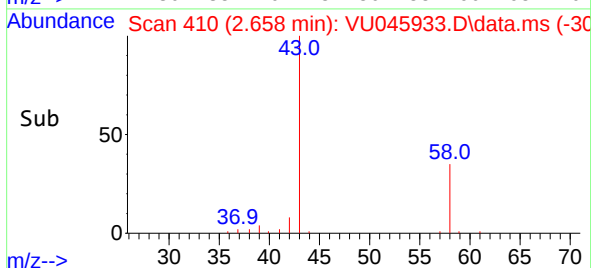
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

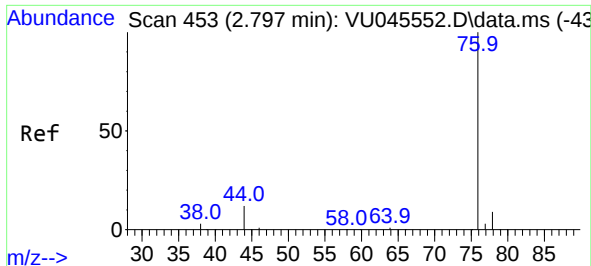


#16  
Acetone  
Concen: 98.095 ug/l  
RT: 2.658 min Scan# 410  
Delta R.T. 0.035 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 43 Resp: 74952  
Ion Ratio Lower Upper  
43 100  
58 35.1 26.2 39.2





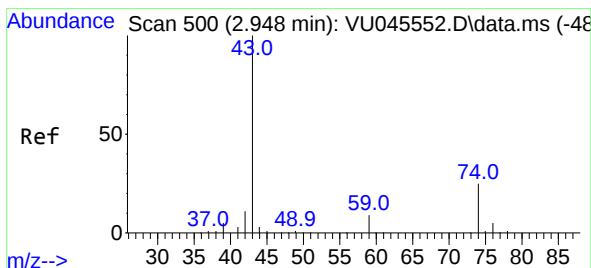
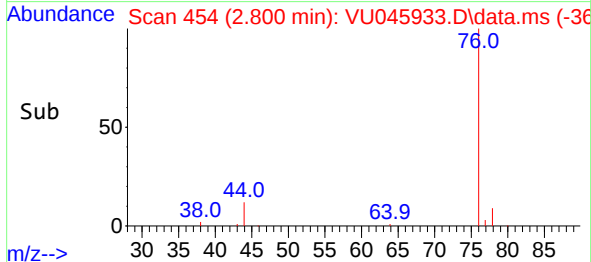
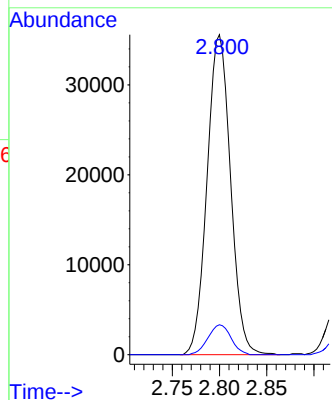
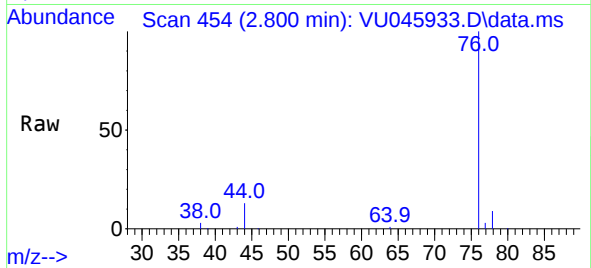
#17  
Carbon Disulfide  
Concen: 19.878 ug/l  
RT: 2.800 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 76 Resp: 61394  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.3 10.9

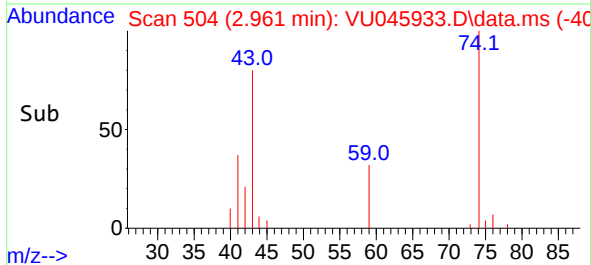
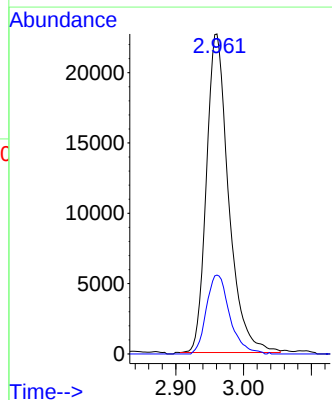
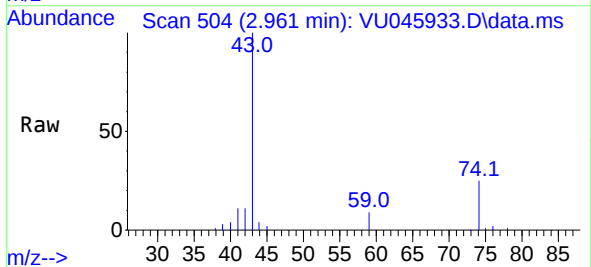
Manual Integrations  
APPROVED

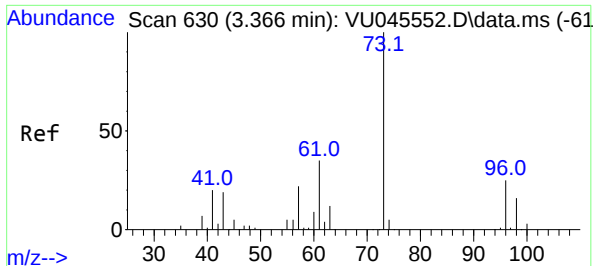
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#18  
Methyl Acetate  
Concen: 19.862 ug/l  
RT: 2.961 min Scan# 504  
Delta R.T. 0.013 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 43 Resp: 51691  
Ion Ratio Lower Upper  
43 100  
74 25.9 20.2 30.2





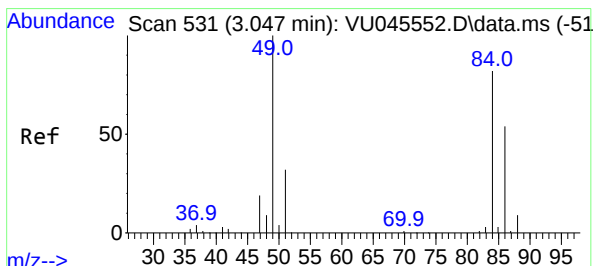
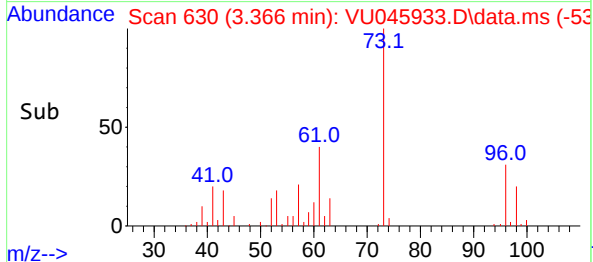
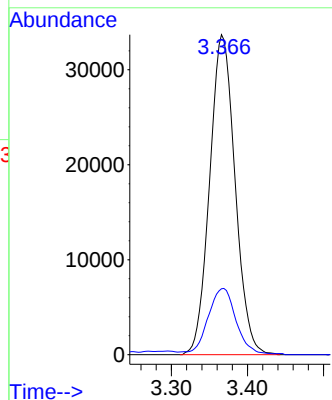
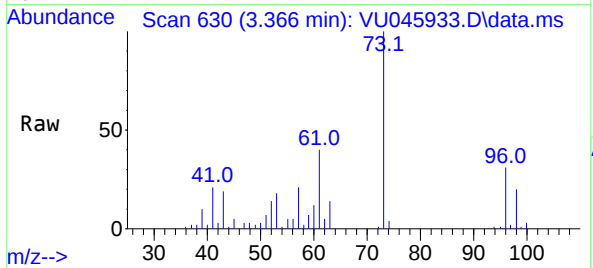
#19  
Methyl tert-butyl Ether  
Concen: 19.707 ug/l  
RT: 3.366 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 73 Resp: 7822  
Ion Ratio Lower Upper  
73 100  
57 20.2 18.1 27.1

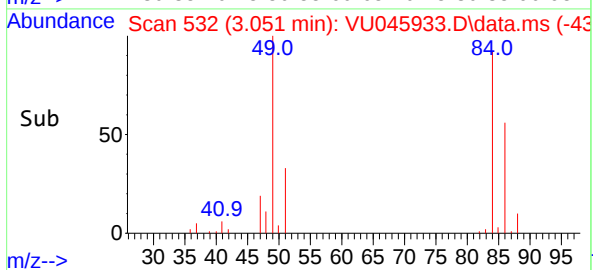
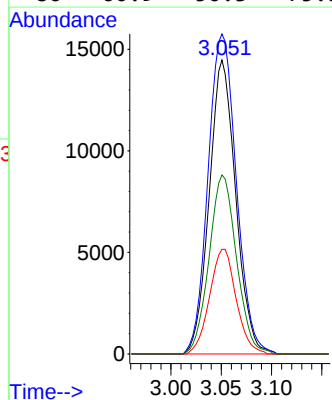
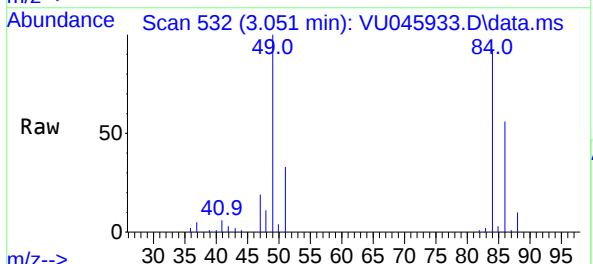
Manual Integrations  
APPROVED

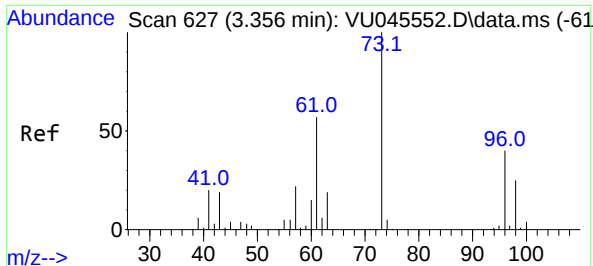
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#20  
Methylene Chloride  
Concen: 19.984 ug/l  
RT: 3.051 min Scan# 532  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

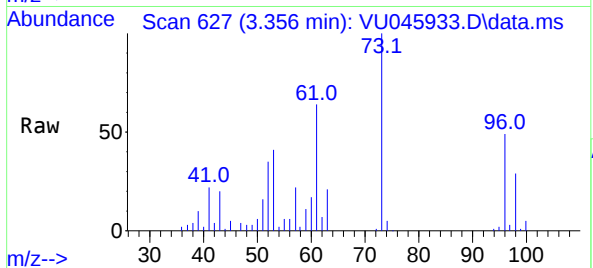
Tgt Ion: 84 Resp: 26532  
Ion Ratio Lower Upper  
84 100  
49 108.9 96.4 144.6  
51 35.6 30.5 45.7  
86 60.9 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 21.462 ug/l  
RT: 3.356 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

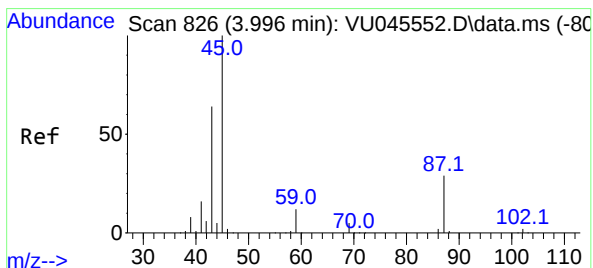
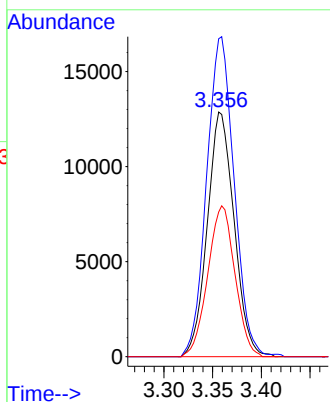
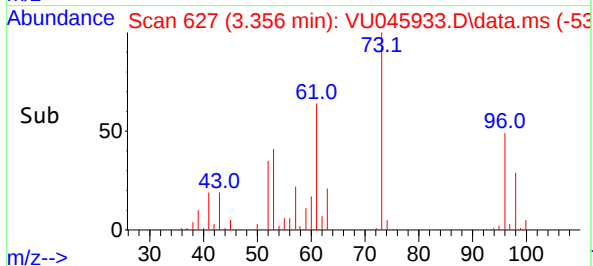
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



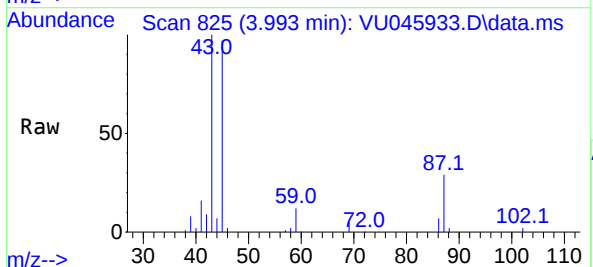
Tgt Ion: 96 Resp: 24620  
Ion Ratio Lower Upper  
96 100  
61 130.0 118.2 177.4  
98 59.1 52.1 78.1

Manual Integrations  
APPROVED

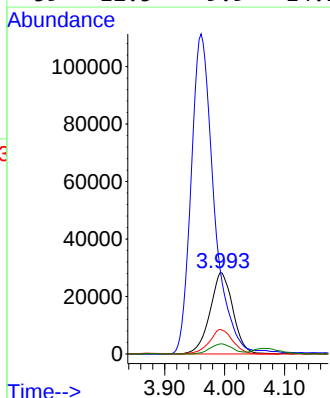
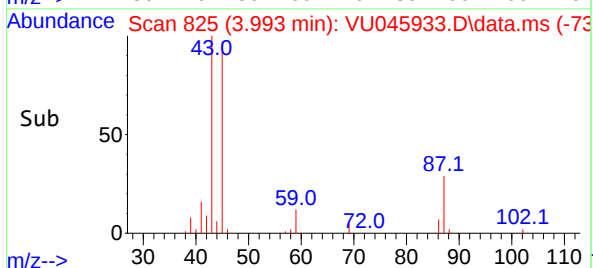
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

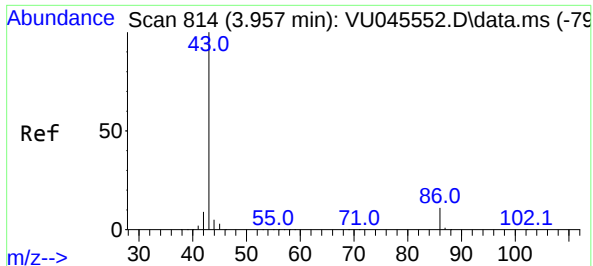


#22  
Diisopropyl ether  
Concen: 19.437 ug/l  
RT: 3.993 min Scan# 825  
Delta R.T. -0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



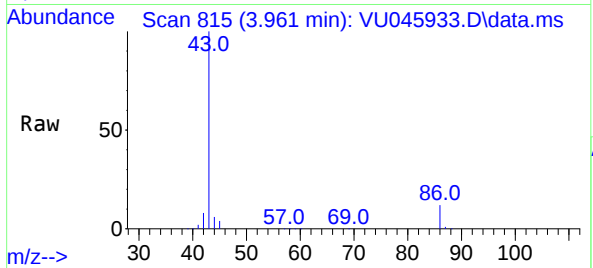
Tgt Ion: 45 Resp: 75143  
Ion Ratio Lower Upper  
45 100  
43 99.9 60.0 90.0#  
87 30.1 22.3 33.5  
59 12.5 9.9 14.9





#23  
 Vinyl Acetate  
 Concen: 99.149 ug/l  
 RT: 3.961 min Scan# 814  
 Delta R.T. 0.003 min  
 Lab File: VU045933.D  
 Acq: 22 Nov 2021 23:31

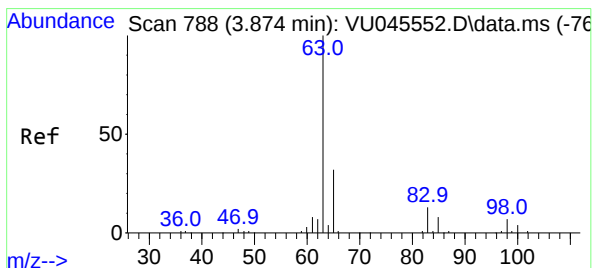
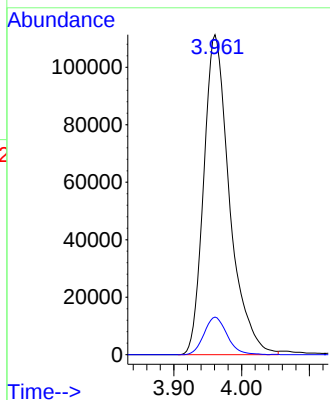
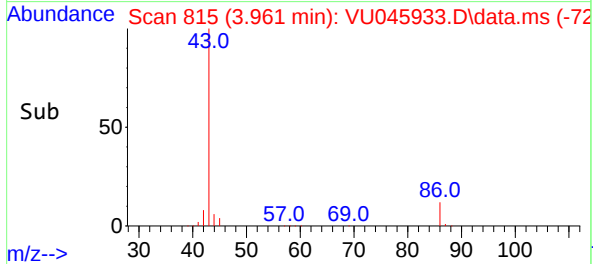
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VU1122WBS02



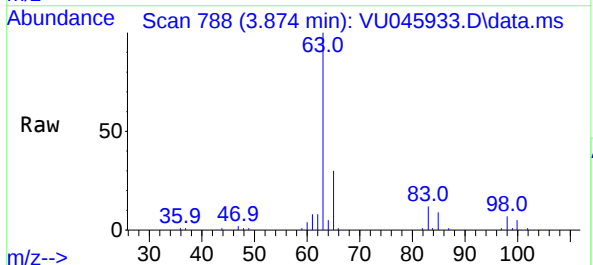
Tgt Ion: 43 Resp: 294799  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.9 13.3

Manual Integrations  
 APPROVED

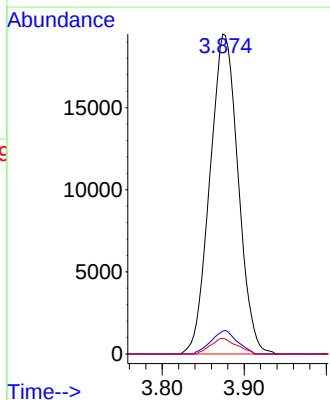
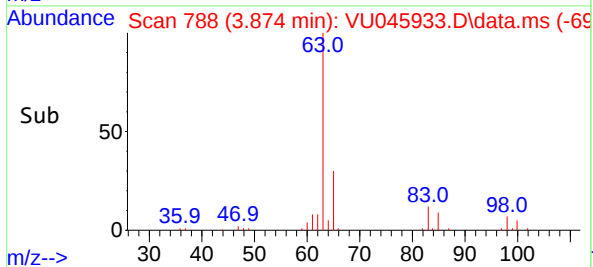
Reviewed By :John Carlone 11/23/2021  
 Supervised By :Mahesh Dadoda 11/23/2021

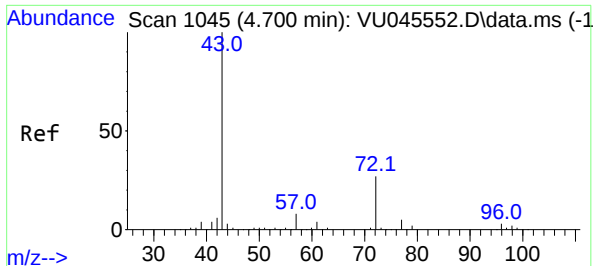


#24  
 1,1-Dichloroethane  
 Concen: 20.246 ug/l  
 RT: 3.874 min Scan# 788  
 Delta R.T. 0.000 min  
 Lab File: VU045933.D  
 Acq: 22 Nov 2021 23:31



Tgt Ion: 63 Resp: 46640  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.6  
 100 4.9 2.4 7.2





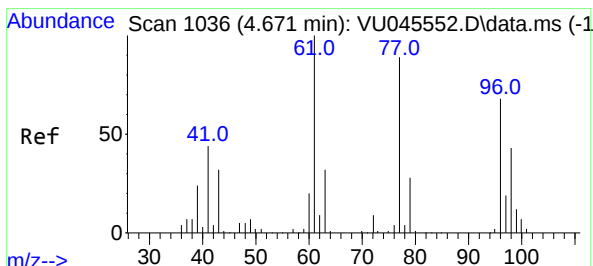
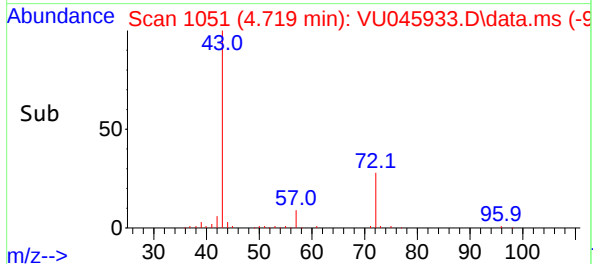
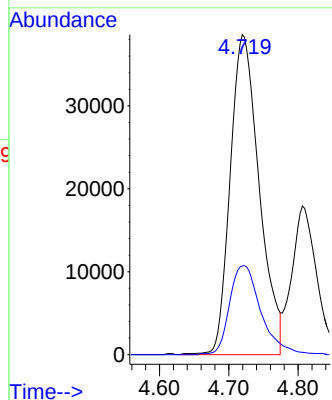
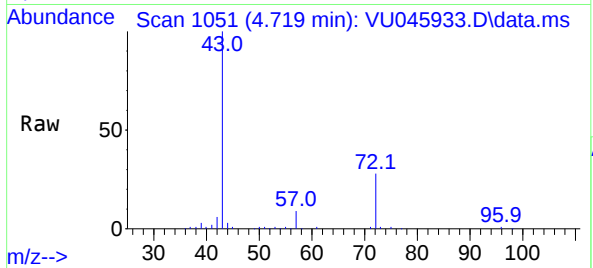
#25  
2-Butanone  
Concen: 105.751 ug/l  
RT: 4.719 min Scan# 1051  
Delta R.T. 0.019 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 43 Resp: 112069  
Ion Ratio Lower Upper  
43 100  
72 27.8 22.0 33.0

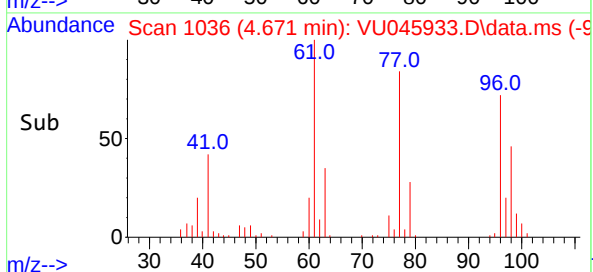
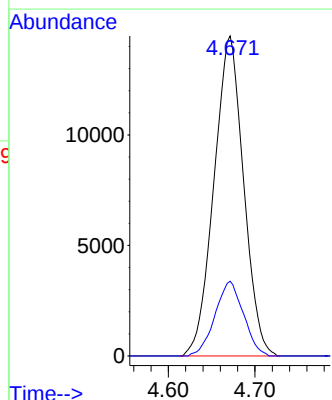
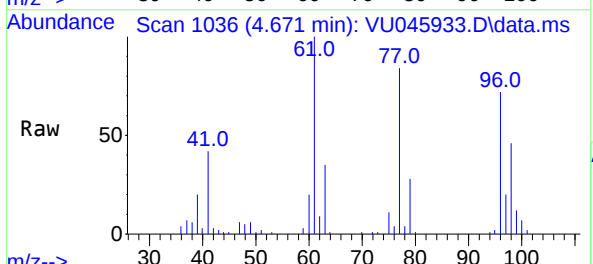
Manual Integrations  
APPROVED

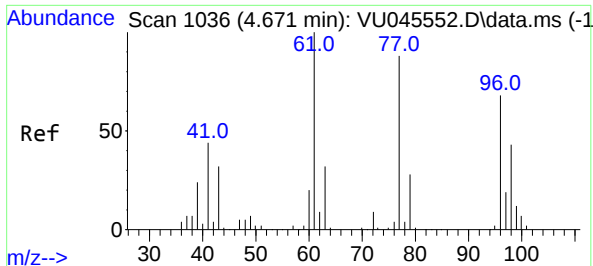
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#26  
2,2-Dichloropropane  
Concen: 18.009 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

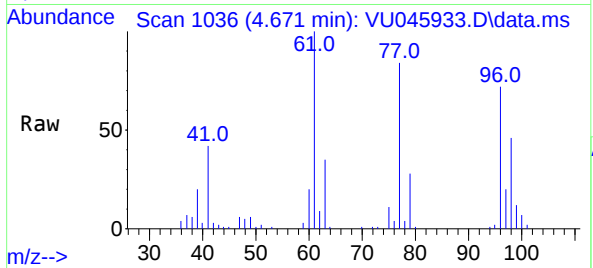
Tgt Ion: 77 Resp: 34378  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.1





#27  
cis-1,2-Dichloroethene  
Concen: 20.595 ug/l  
RT: 4.671 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

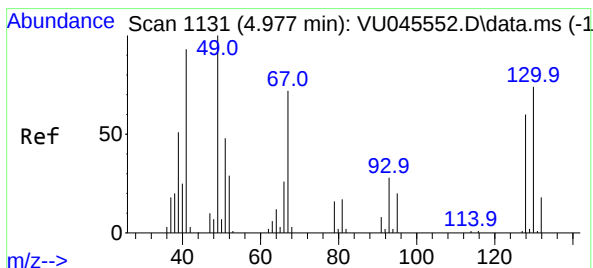
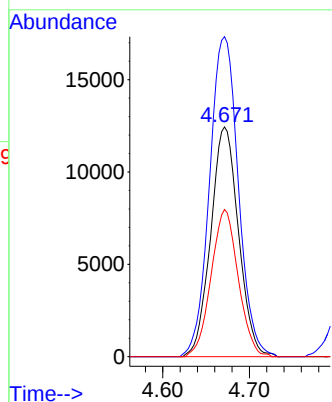
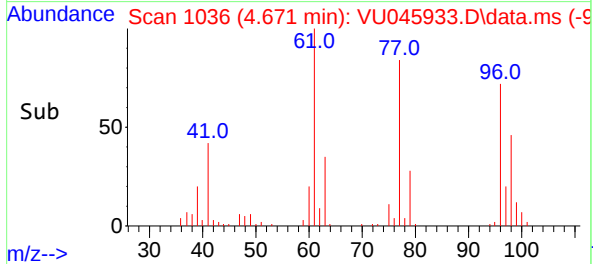
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



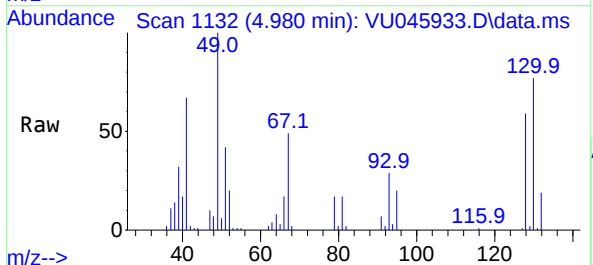
Tgt Ion: 96 Resp: 27749  
Ion Ratio Lower Upper  
96 100  
61 144.1 0.0 299.2  
98 62.5 0.0 127.6

Manual Integrations  
APPROVED

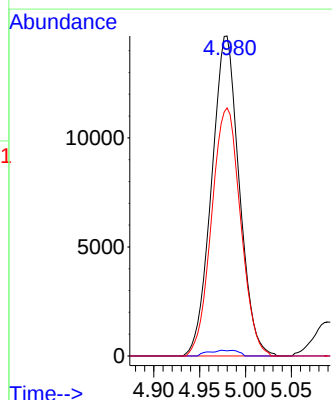
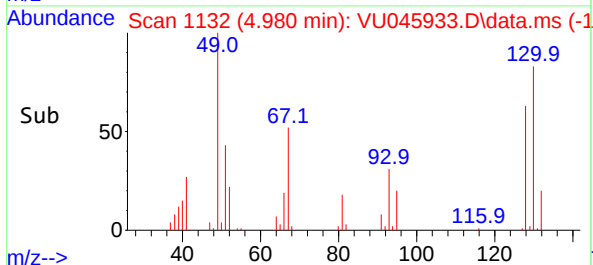
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

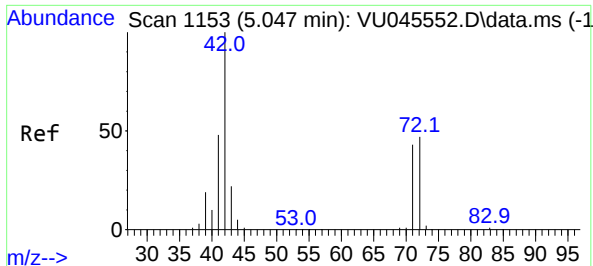


#28  
Bromochloromethane  
Concen: 28.051 ug/l  
RT: 4.980 min Scan# 1132  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 49 Resp: 30808  
Ion Ratio Lower Upper  
49 100  
129 1.2 0.0 3.4  
130 81.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 111.210 ug/l

RT: 5.063 min Scan# 1153

Delta R.T. 0.016 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBS02

Tgt Ion: 42 Resp: 72089

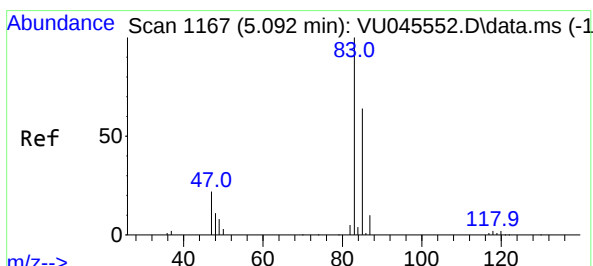
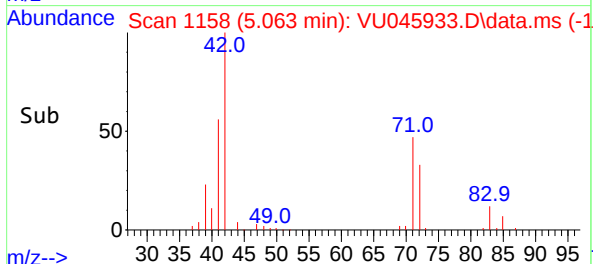
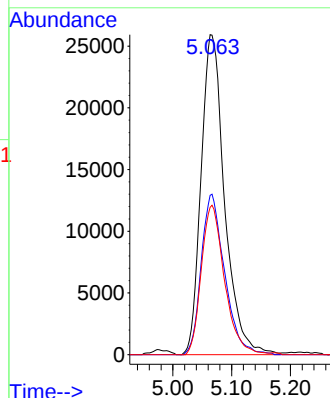
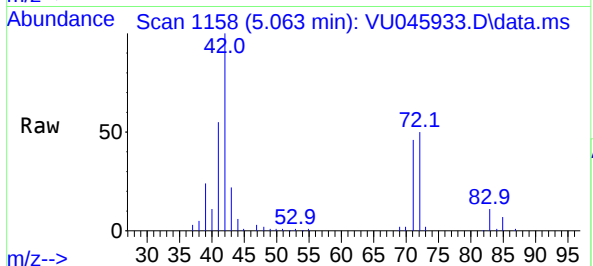
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 49.9  | 38.2  | 57.4  |
| 71  | 46.1  | 35.4  | 53.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#30

Chloroform

Concen: 20.472 ug/l

RT: 5.092 min Scan# 1167

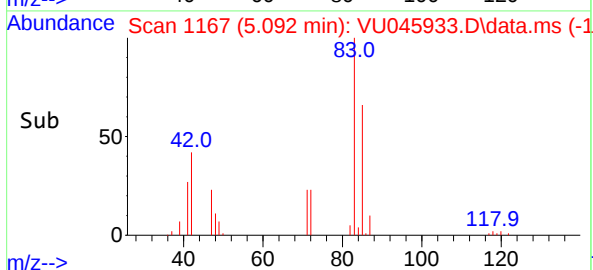
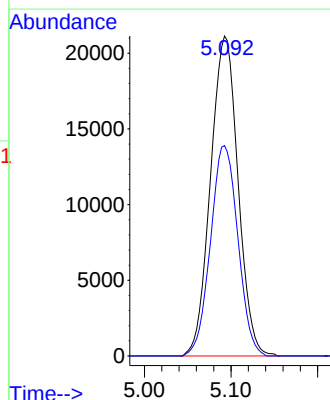
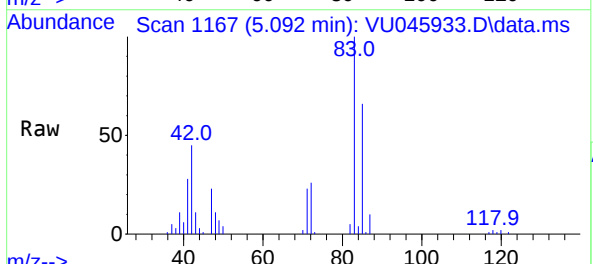
Delta R.T. 0.000 min

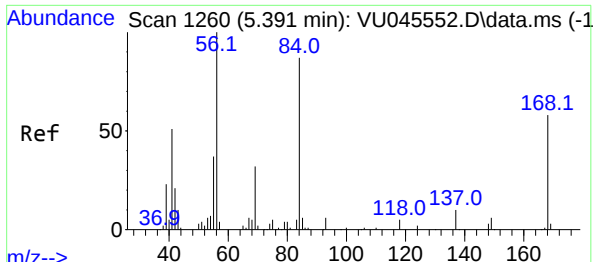
Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion: 83 Resp: 46643

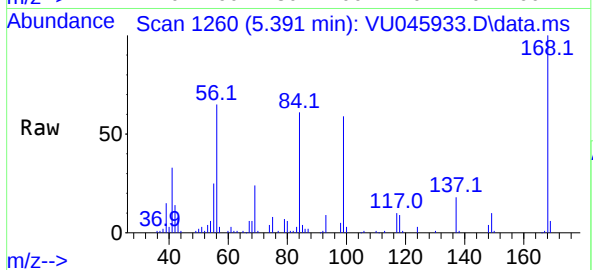
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.8  | 52.0  | 78.0  |





#31  
Cyclohexane  
Concen: 18.543 ug/l  
RT: 5.391 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

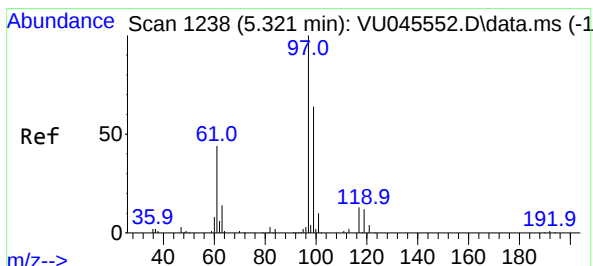
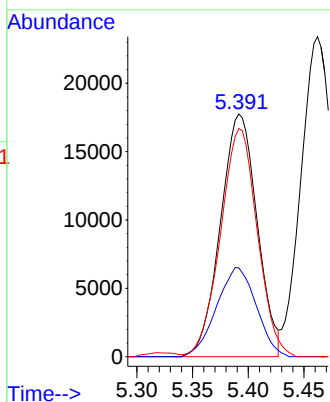
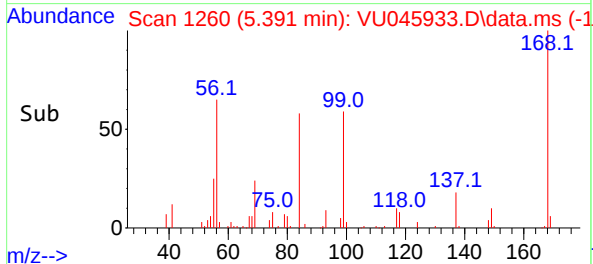
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



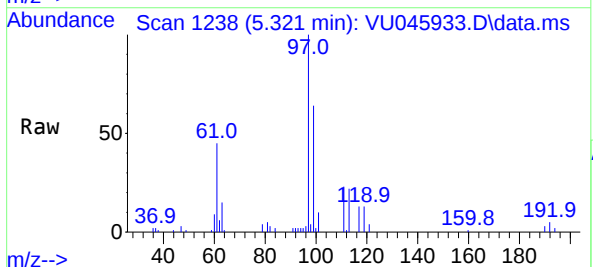
Tgt Ion: 56 Resp: 40610  
Ion Ratio Lower Upper  
56 100  
69 36.6 26.4 39.6  
84 93.0 68.4 102.6

Manual Integrations  
APPROVED

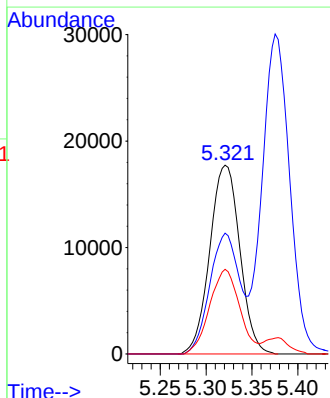
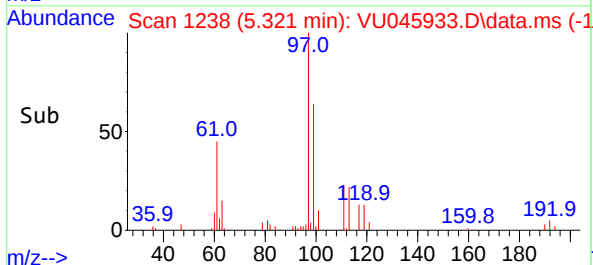
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

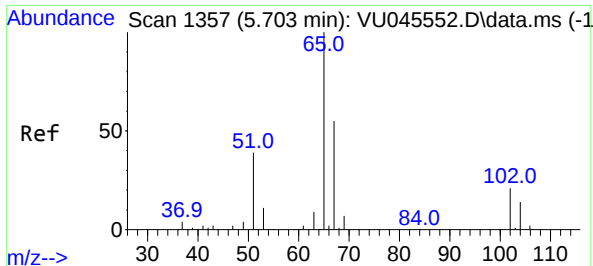


#32  
1,1,1-Trichloroethane  
Concen: 20.827 ug/l  
RT: 5.321 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 97 Resp: 40466  
Ion Ratio Lower Upper  
97 100  
99 62.2 50.8 76.2  
61 44.7 38.3 57.5





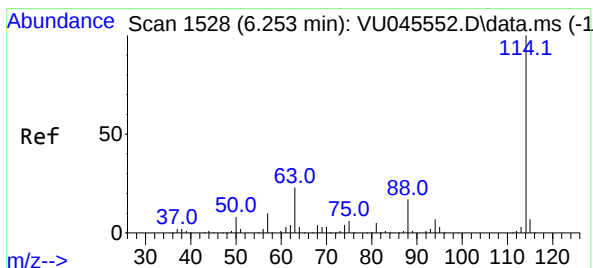
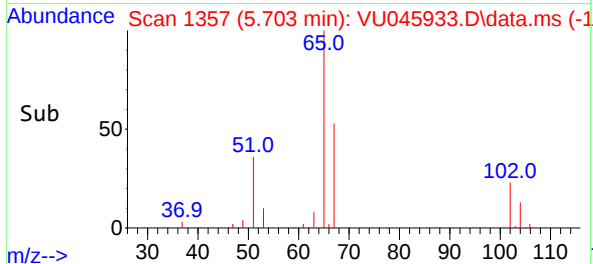
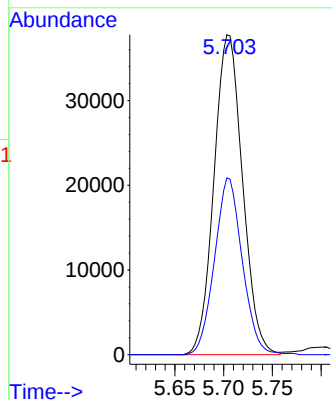
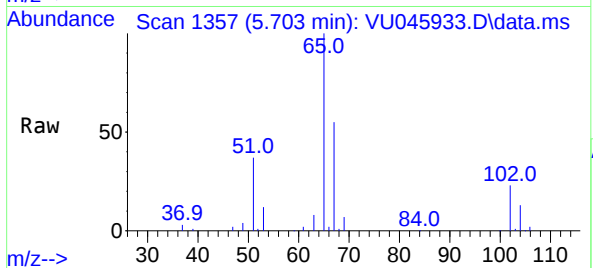
#33  
1,2-Dichloroethane-d4  
Concen: 51.290 ug/l  
RT: 5.703 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 65 Resp: 76980  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 105.8

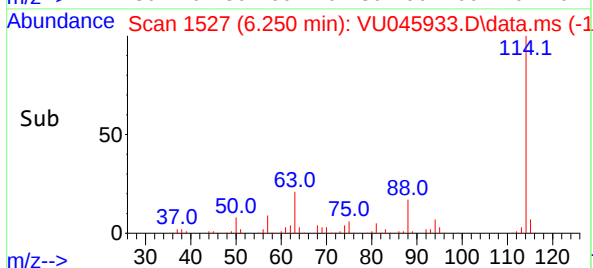
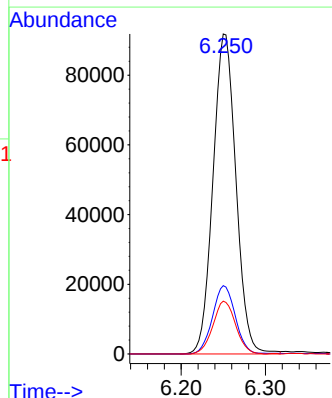
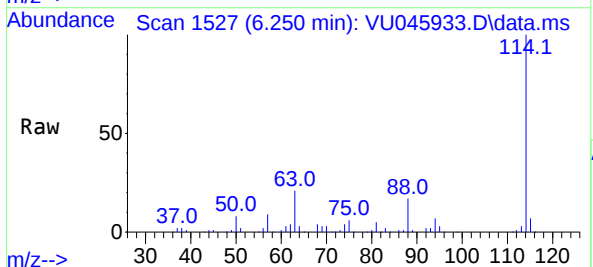
Manual Integrations  
APPROVED

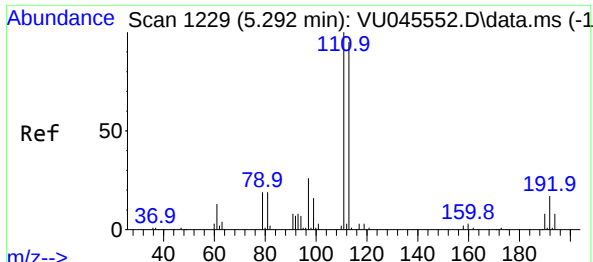
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.250 min Scan# 1527  
Delta R.T. -0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:114 Resp: 173547  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 45.6  
88 16.5 0.0 33.8





#35  
Dibromofluoromethane  
Concen: 51.287 ug/l  
RT: 5.292 min Scan# 1113  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

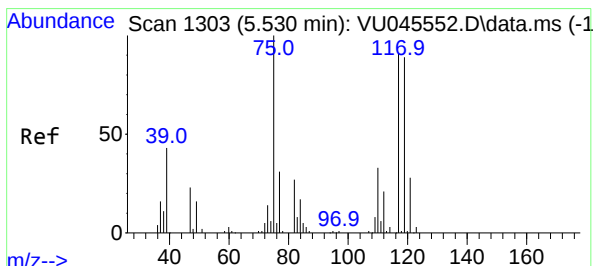
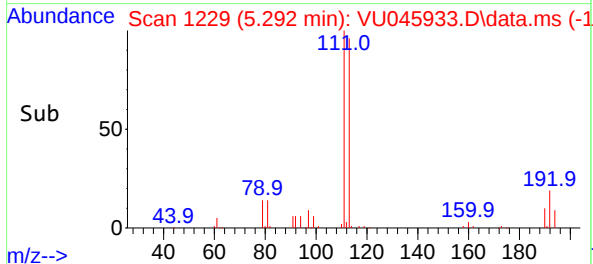
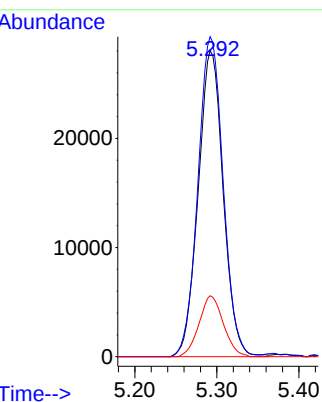
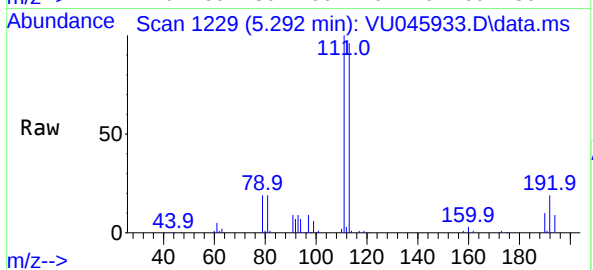
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 113 Resp: 5942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 105.3 | 82.8  | 124.2 |
| 192 | 19.4  | 14.8  | 22.2  |

Manual Integrations  
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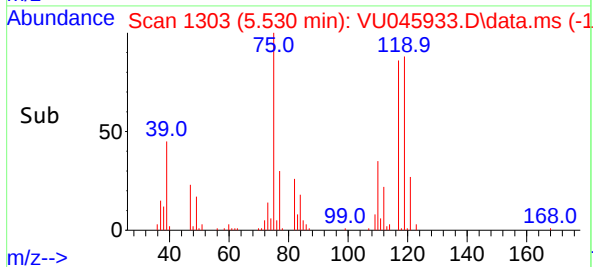
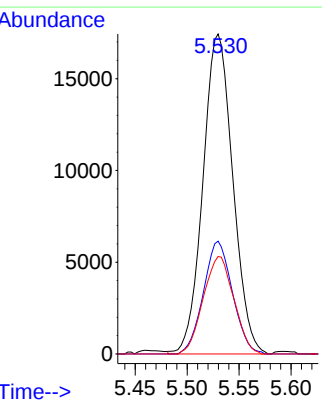
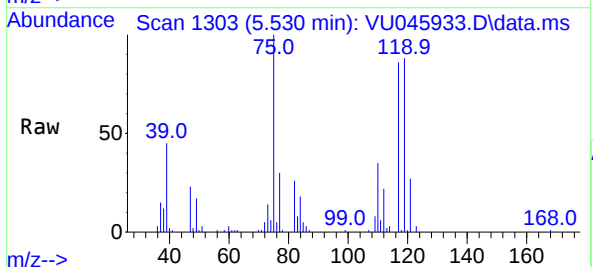
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

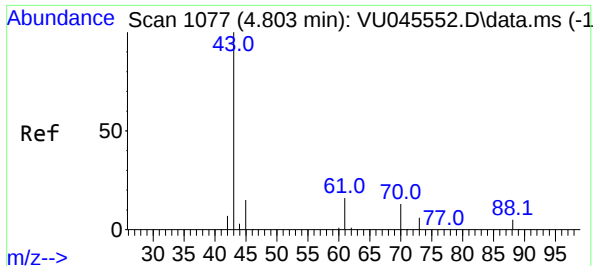


#36  
1,1-Dichloropropene  
Concen: 20.623 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 75 Resp: 34898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.2  | 16.7  | 50.0  |
| 77  | 31.1  | 25.0  | 37.4  |





#37  
Ethyl Acetate  
Concen: 22.293 ug/l  
RT: 4.806 min Scan# 1077  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

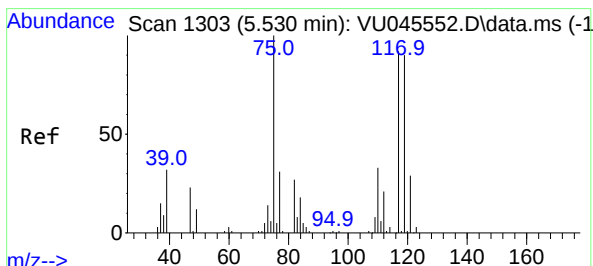
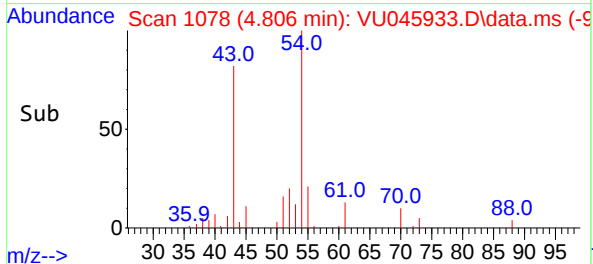
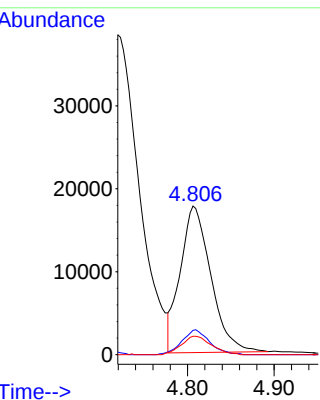
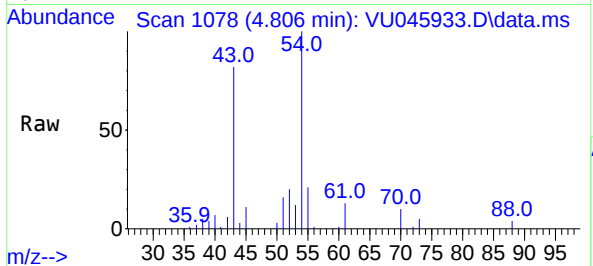
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 43 Resp: 43334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.4  | 11.6  | 17.4  |
| 70  | 12.3  | 9.1   | 13.7  |

Manual Integrations  
APPROVED

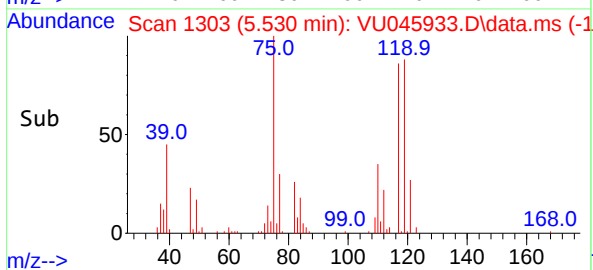
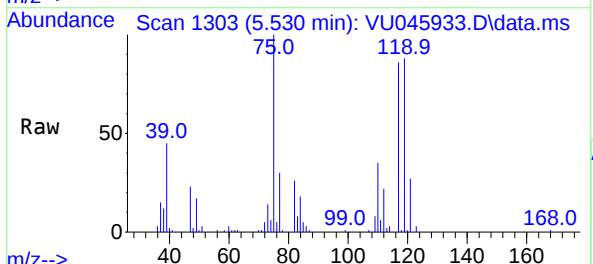
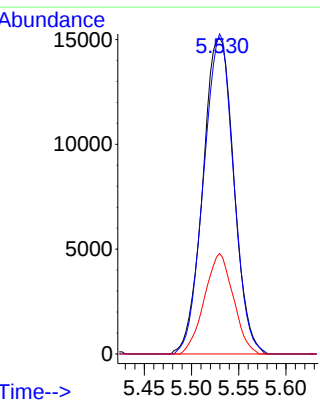
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

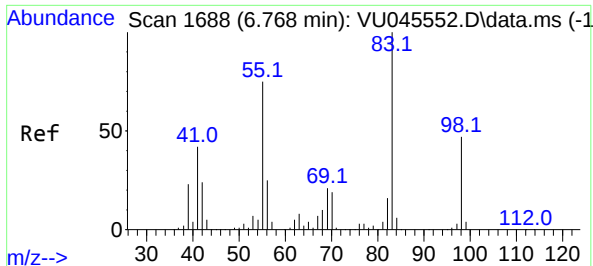


#38  
Carbon Tetrachloride  
Concen: 20.149 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:117 Resp: 34374

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 101.2 | 77.4  | 116.0 |
| 121 | 31.8  | 24.8  | 37.2  |





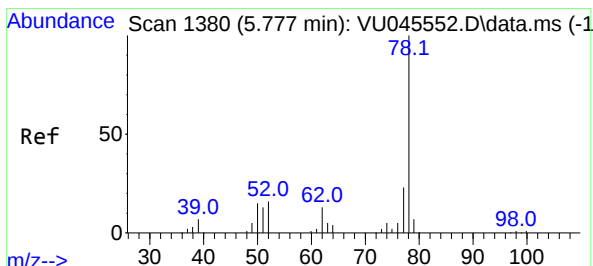
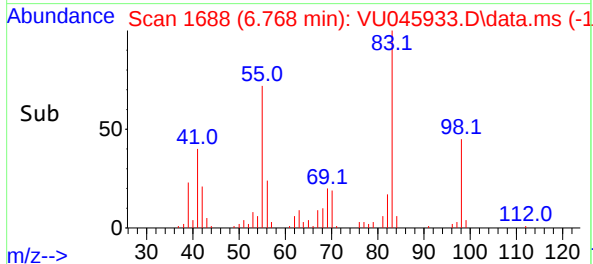
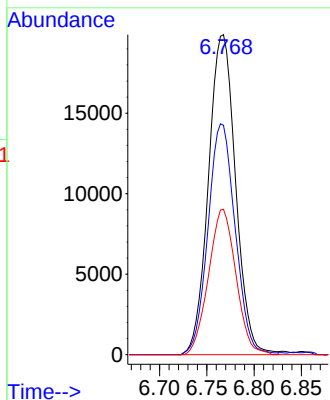
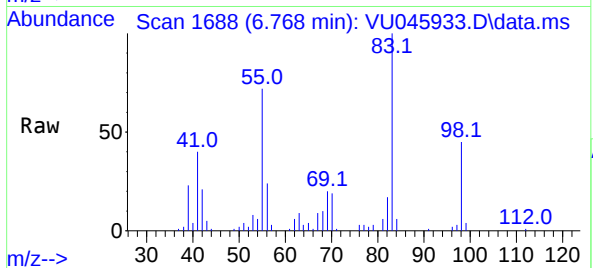
#39  
Methylcyclohexane  
Concen: 19.120 ug/l  
RT: 6.768 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 83 Resp: 39694  
Ion Ratio Lower Upper  
83 100  
55 71.7 63.6 95.4  
98 45.5 37.1 55.7

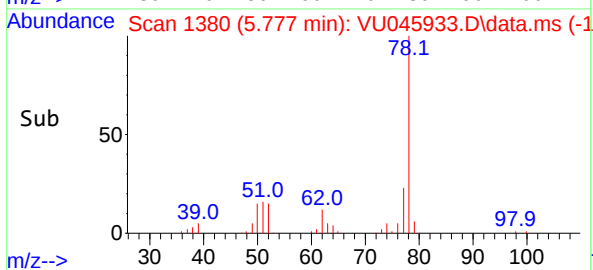
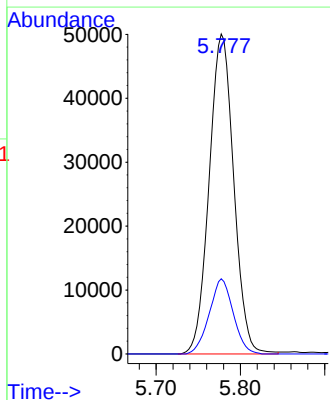
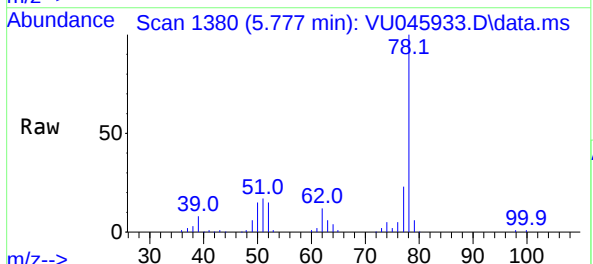
Manual Integrations  
APPROVED

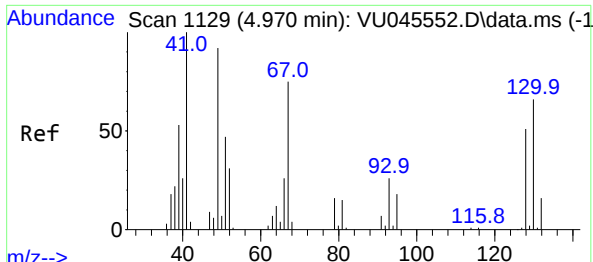
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#40  
Benzene  
Concen: 20.215 ug/l  
RT: 5.777 min Scan# 1380  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

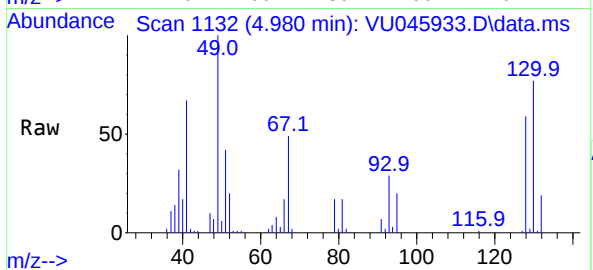
Tgt Ion: 78 Resp: 101279  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.0 28.4





#41  
Methacrylonitrile  
Concen: 21.854 ug/l  
RT: 4.980 min Scan# 1129  
Delta R.T. 0.010 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

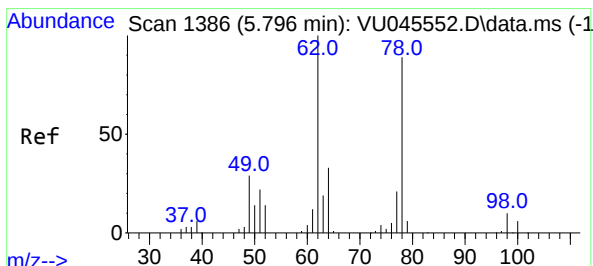
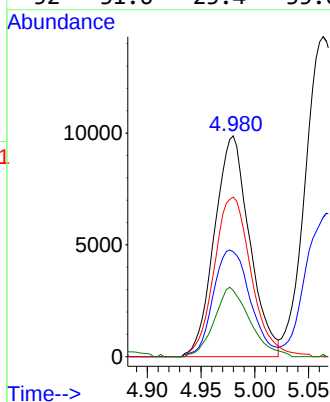
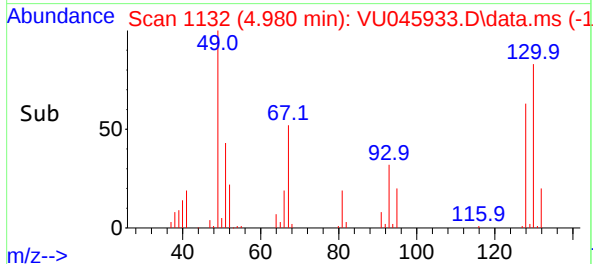
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



Tgt Ion: 41 Resp: 22450  
Ion Ratio Lower Upper  
41 100  
39 50.9 43.4 65.0  
67 76.4 61.0 91.4  
52 31.6 23.4 35.0

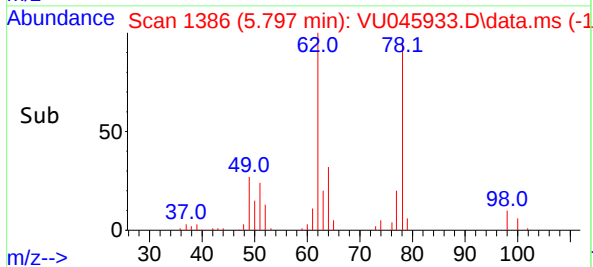
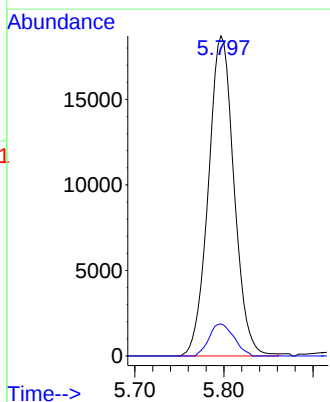
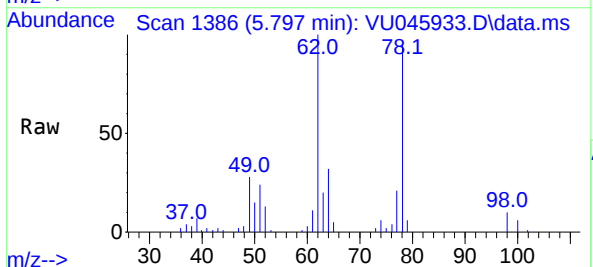
Manual Integrations  
APPROVED

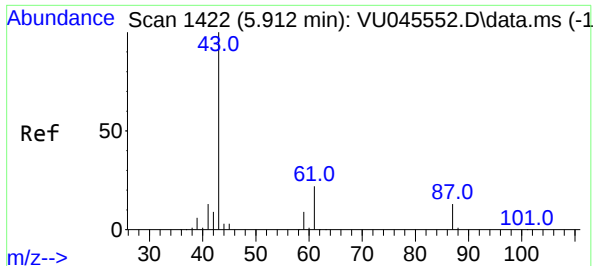
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#42  
1,2-Dichloroethane  
Concen: 20.708 ug/l  
RT: 5.797 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

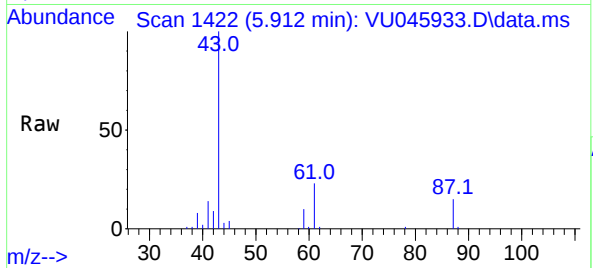
Tgt Ion: 62 Resp: 37474  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 18.4





#43  
Isopropyl Acetate  
Concen: 19.724 ug/l  
RT: 5.912 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

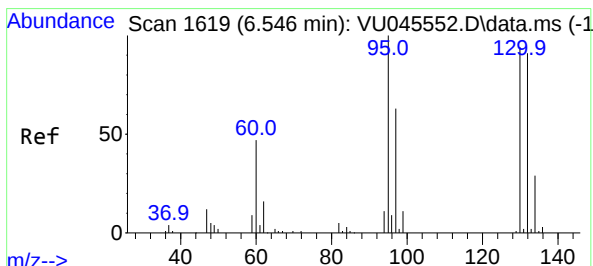
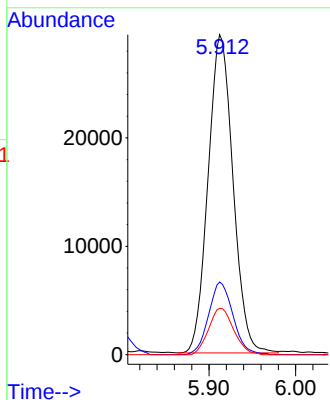
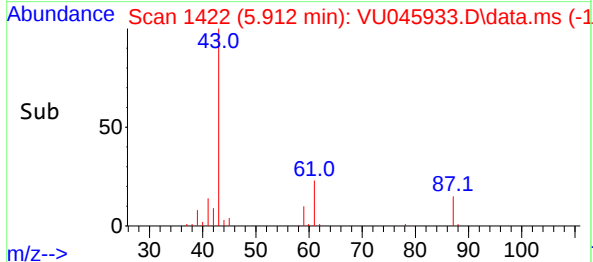
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



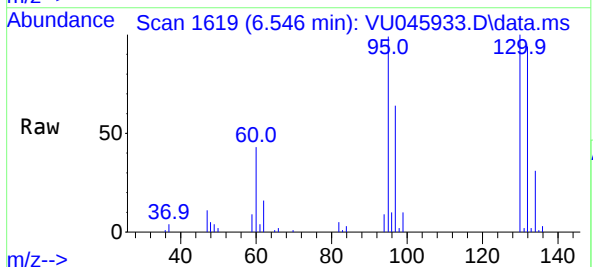
Tgt Ion: 43 Resp: 5864  
Ion Ratio Lower Upper  
43 100  
61 22.4 16.9 25.3  
87 14.7 11.0 16.4

Manual Integrations  
APPROVED

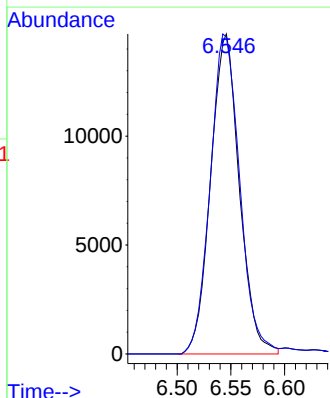
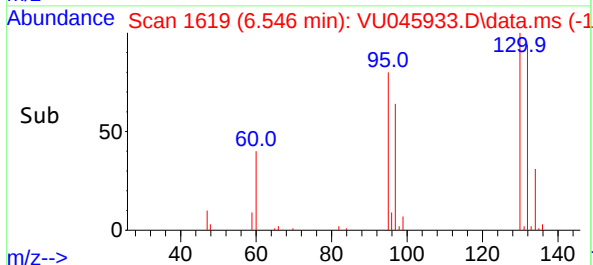
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

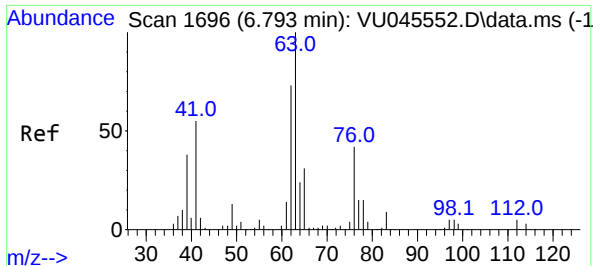


#44  
Trichloroethene  
Concen: 22.701 ug/l  
RT: 6.546 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion:130 Resp: 27224  
Ion Ratio Lower Upper  
130 100  
95 99.0 0.0 211.4





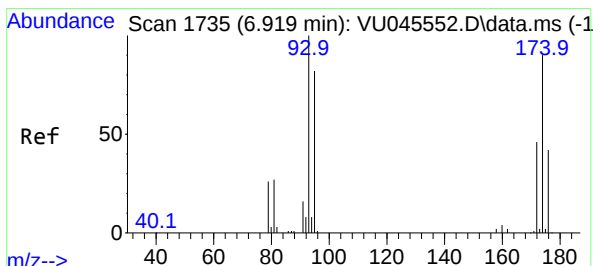
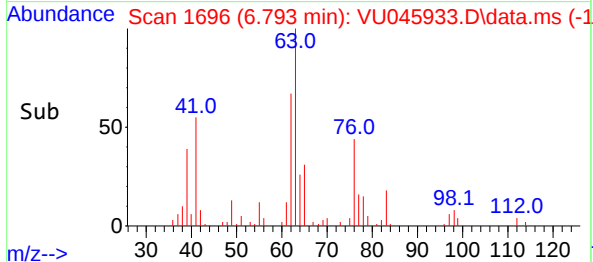
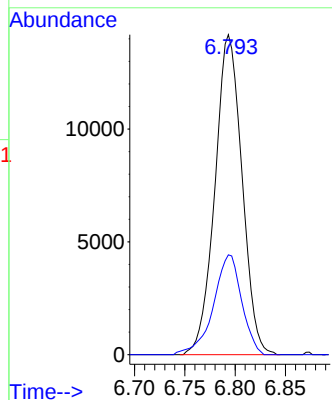
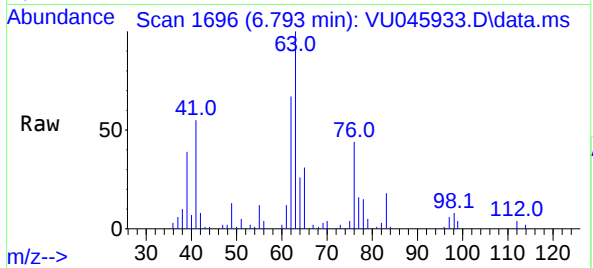
#45  
1,2-Dichloropropane  
Concen: 20.044 ug/l  
RT: 6.793 min Scan# 1696  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 63 Resp: 26572  
Ion Ratio Lower Upper  
63 100  
65 31.2 25.7 38.5

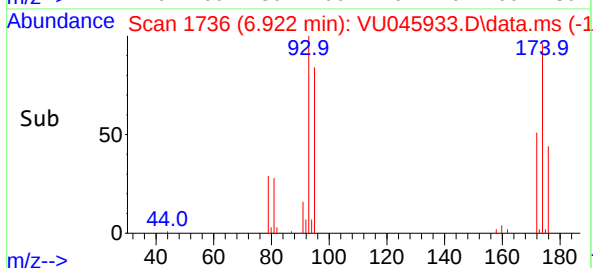
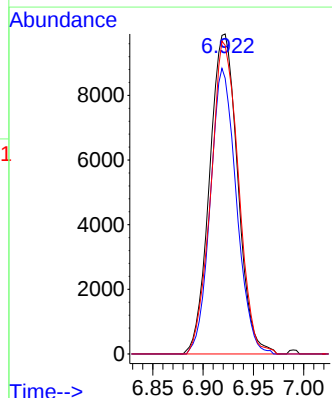
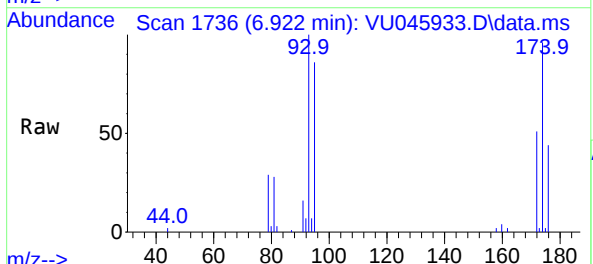
Manual Integrations  
APPROVED

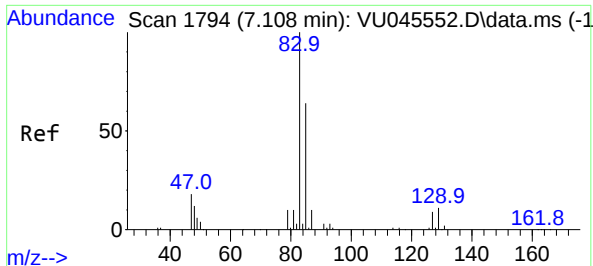
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#46  
Dibromomethane  
Concen: 20.974 ug/l  
RT: 6.922 min Scan# 1736  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 93 Resp: 19265  
Ion Ratio Lower Upper  
93 100  
95 82.5 66.2 99.2  
174 95.5 71.0 106.6





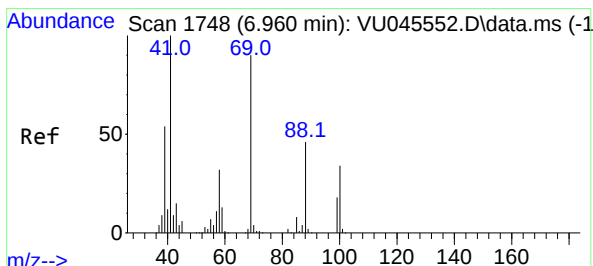
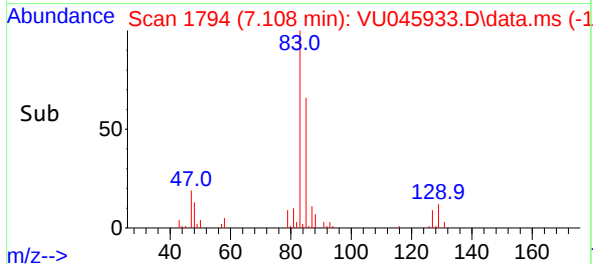
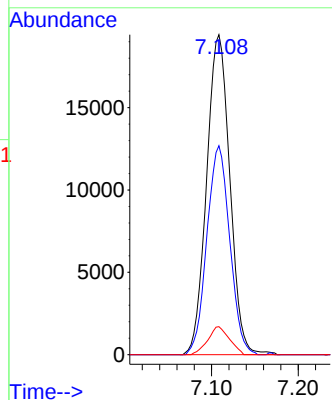
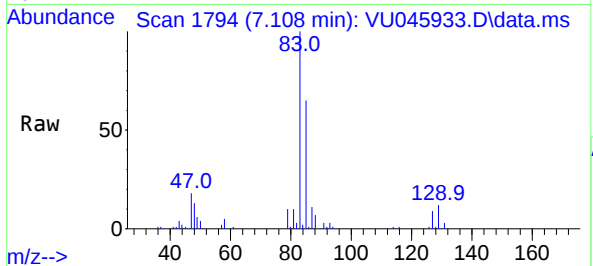
#47  
Bromodichloromethane  
Concen: 20.771 ug/l  
RT: 7.108 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 83 Resp: 36200  
Ion Ratio Lower Upper  
83 100  
85 65.3 49.8 74.6  
127 8.8 6.2 9.2

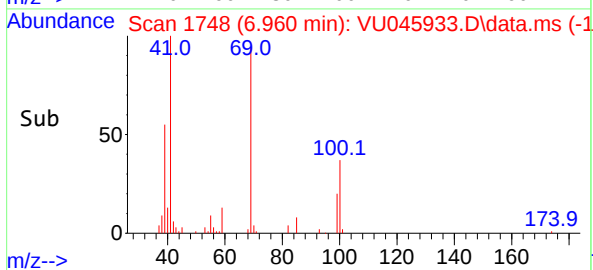
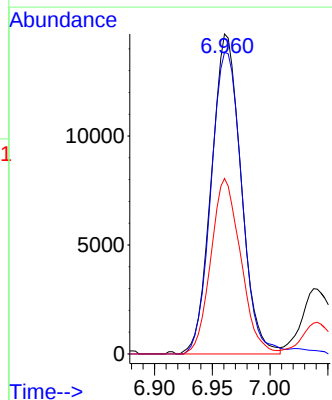
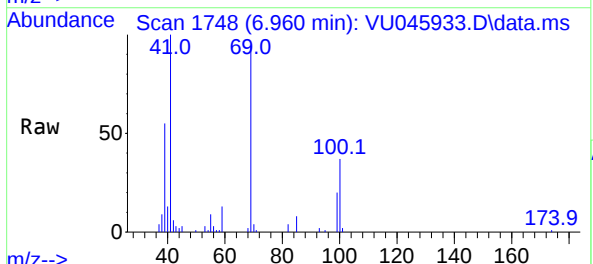
Manual Integrations  
APPROVED

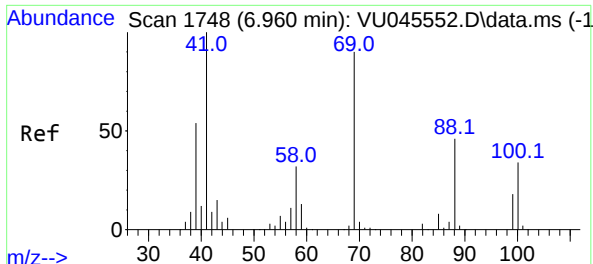
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#48  
Methyl methacrylate  
Concen: 19.210 ug/l  
RT: 6.960 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 41 Resp: 26288  
Ion Ratio Lower Upper  
41 100  
69 97.3 70.2 105.2  
39 55.0 43.9 65.9





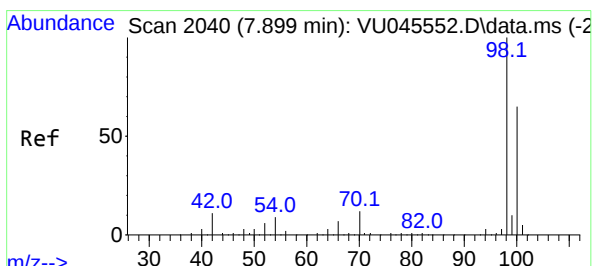
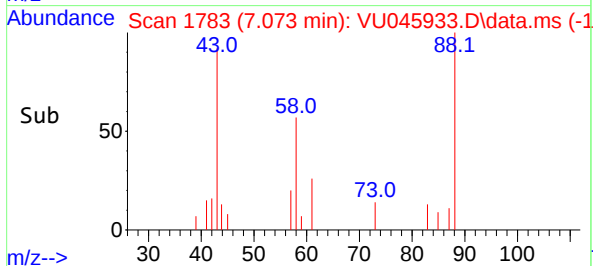
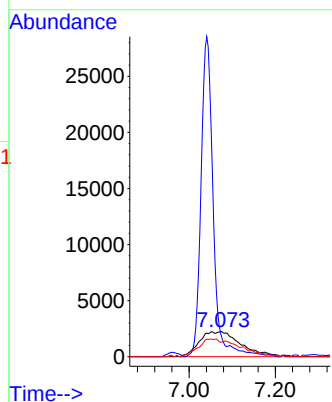
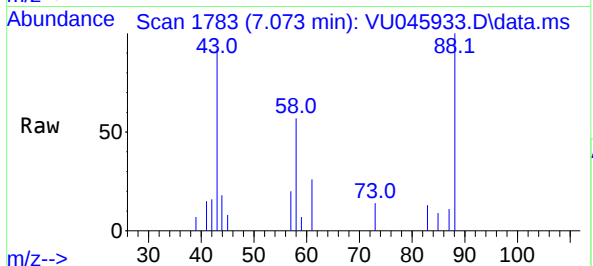
#49  
1,4-Dioxane  
Concen: 422.388 ug/l m  
RT: 7.073 min Scan# 1748  
Delta R.T. 0.113 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 88 Resp: 1486  
Ion Ratio Lower Upper  
88 100  
43 358.2 0.0 0.0  
58 26.6 58.7 88.1

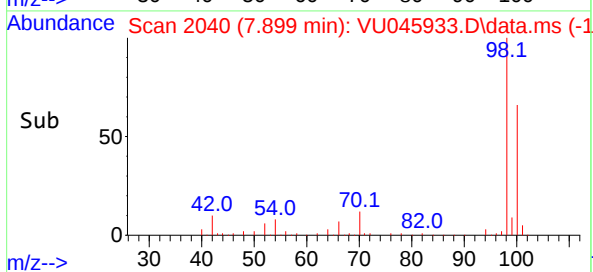
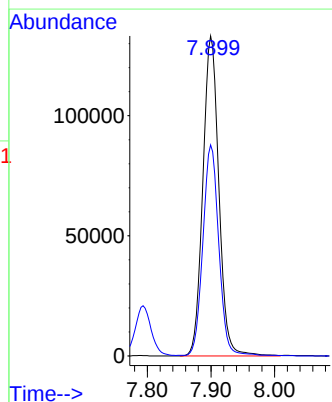
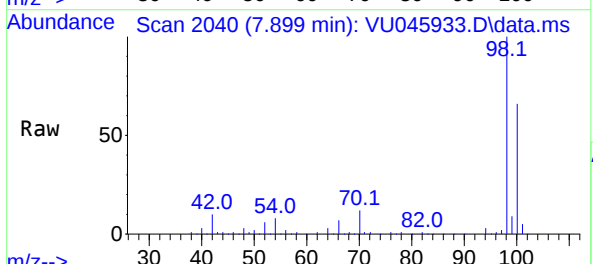
Manual Integrations  
APPROVED

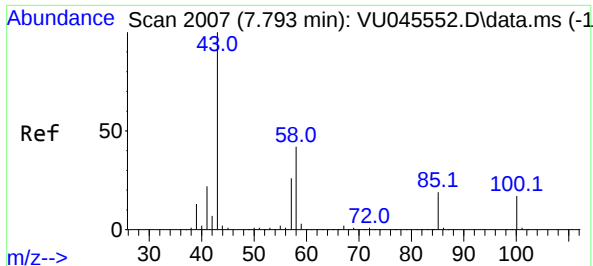
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#50  
Toluene-d8  
Concen: 54.028 ug/l  
RT: 7.899 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 98 Resp: 232783  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.5 78.7





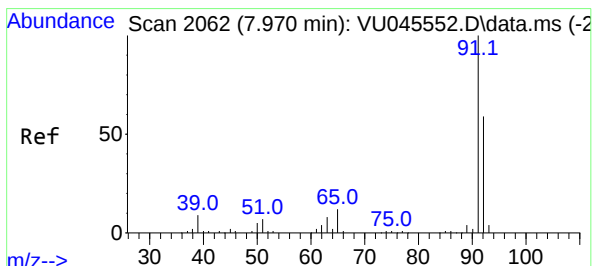
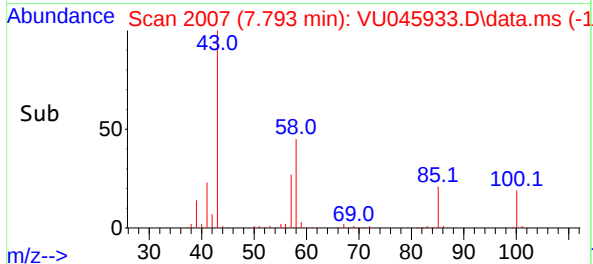
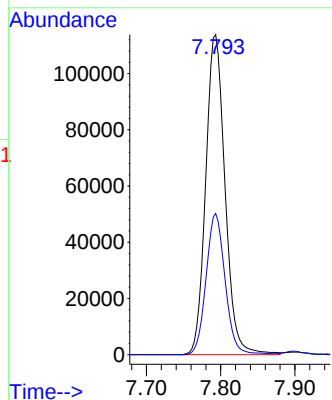
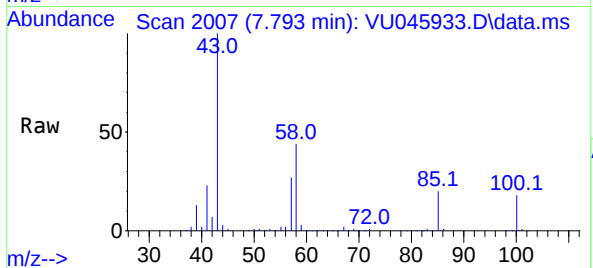
#51  
4-Methyl-2-Pentanone  
Concen: 104.981 ug/l  
RT: 7.793 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 43 Resp: 205900  
Ion Ratio Lower Upper  
43 100  
58 43.4 33.8 50.8

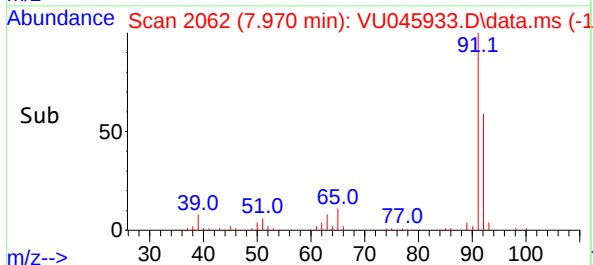
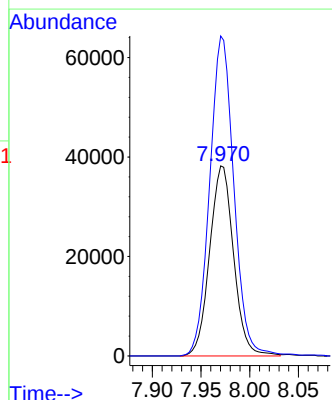
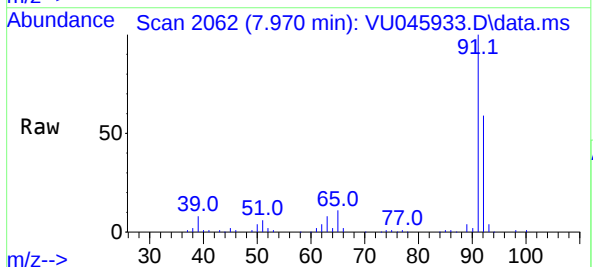
Manual Integrations  
APPROVED

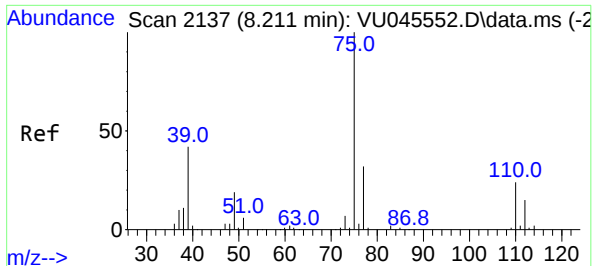
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#52  
Toluene  
Concen: 21.306 ug/l  
RT: 7.970 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 92 Resp: 65350  
Ion Ratio Lower Upper  
92 100  
91 170.2 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.497 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBS02

Tgt Ion: 75 Resp: 3905

Ion Ratio Lower Upper

75 100

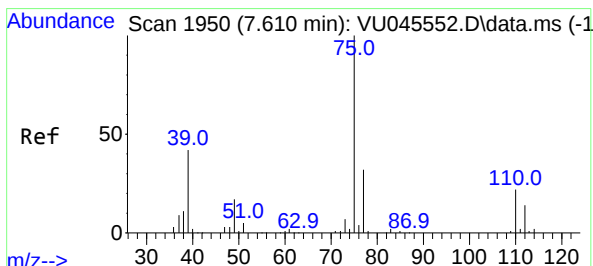
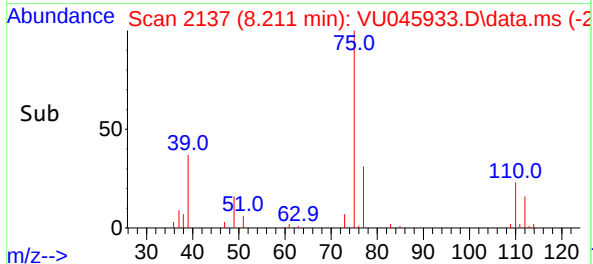
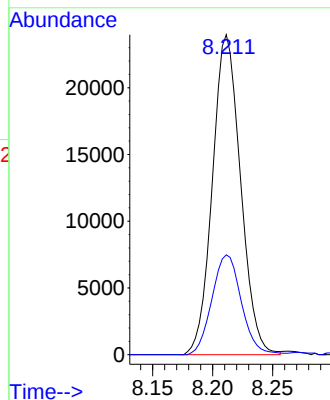
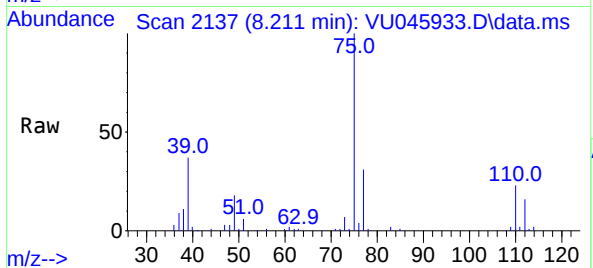
77 31.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#54

cis-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

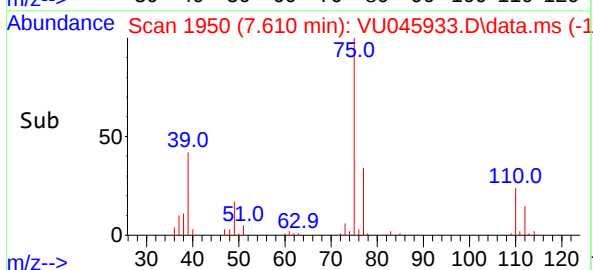
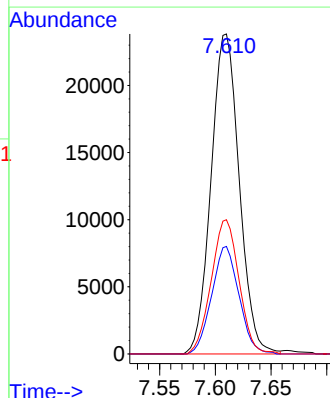
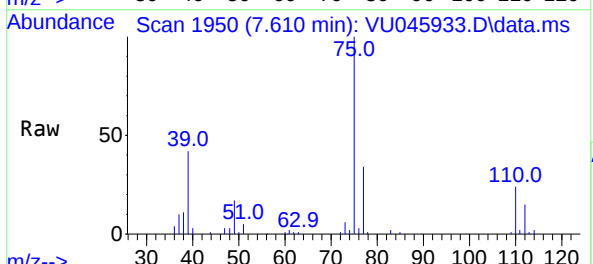
Tgt Ion: 75 Resp: 41916

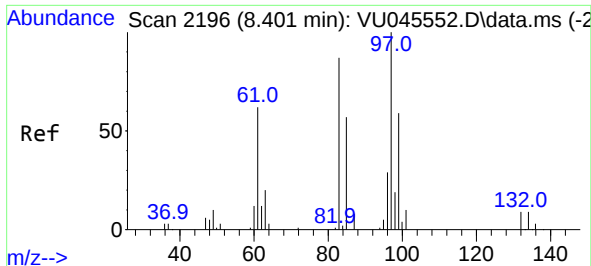
Ion Ratio Lower Upper

75 100

77 33.6 24.6 37.0

39 41.9 37.1 55.7





#55  
1,1,2-Trichloroethane  
Concen: 21.173 ug/l  
RT: 8.401 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

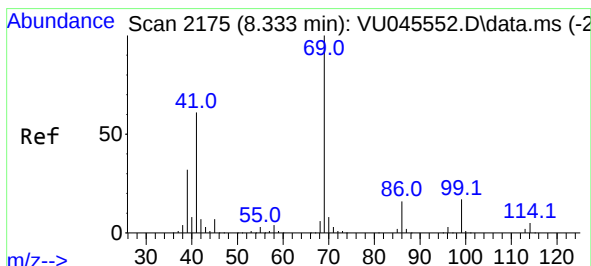
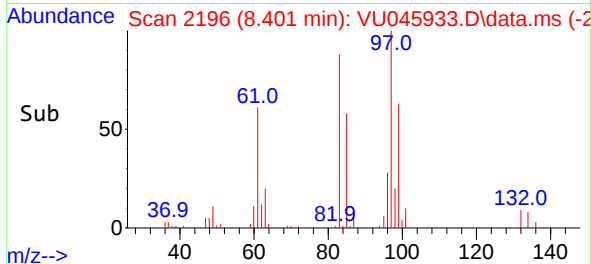
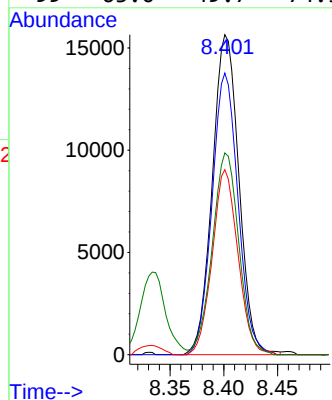
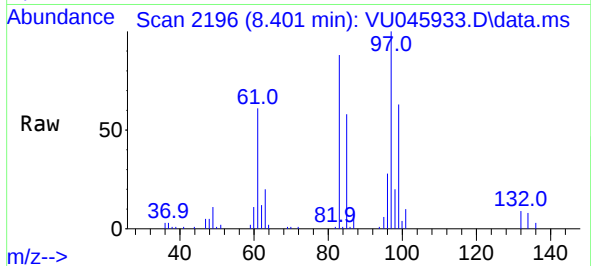
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 97 Resp: 26910

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.0  | 70.3  | 105.5 |
| 85  | 57.8  | 45.5  | 68.3  |
| 99  | 63.0  | 49.7  | 74.5  |

Manual Integrations  
APPROVED

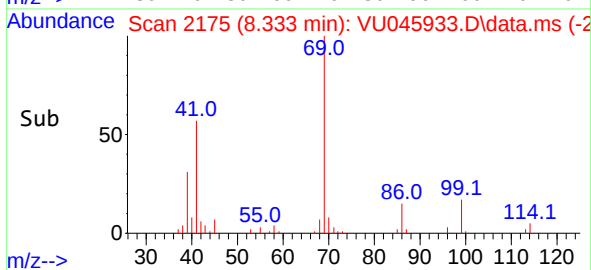
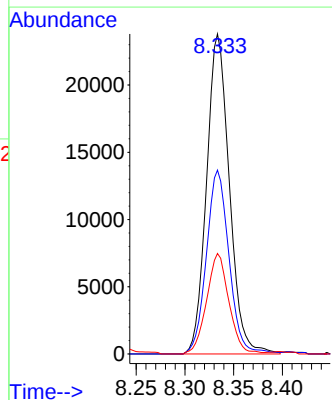
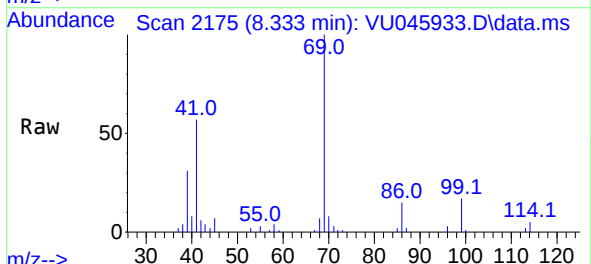
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

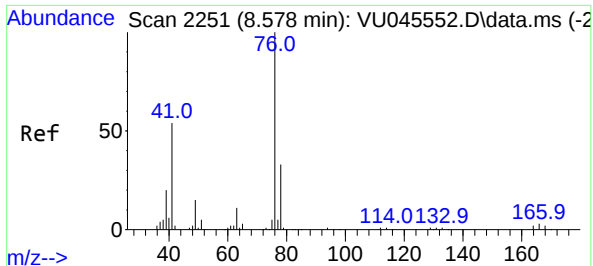


#56  
Ethyl methacrylate  
Concen: 18.596 ug/l  
RT: 8.333 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 69 Resp: 38752

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 57.1  | 51.0  | 76.4  |
| 39  | 30.7  | 26.6  | 39.8  |





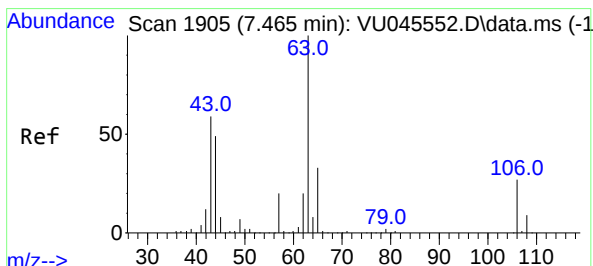
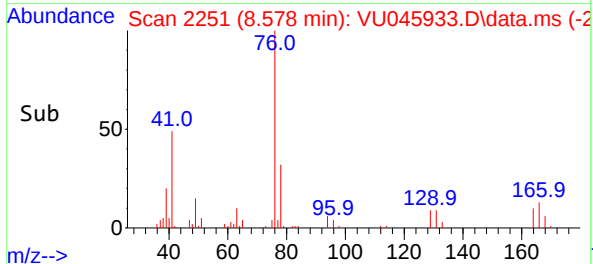
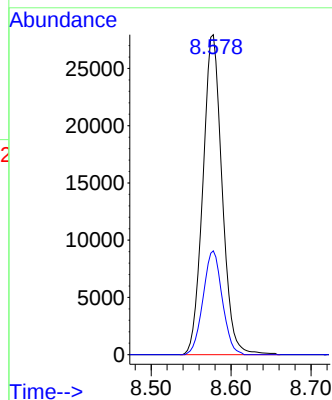
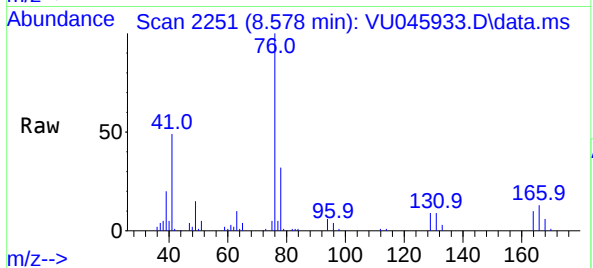
#57  
1,3-Dichloropropane  
Concen: 20.404 ug/l  
RT: 8.578 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 76 Resp: 4671  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.8 38.8

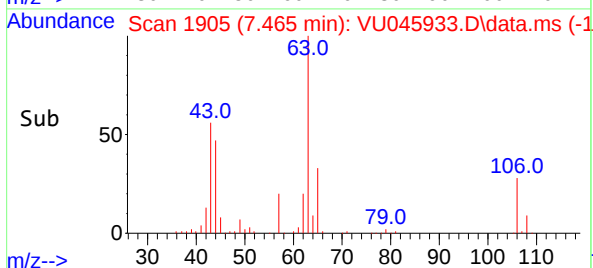
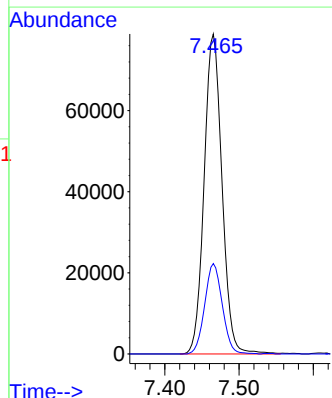
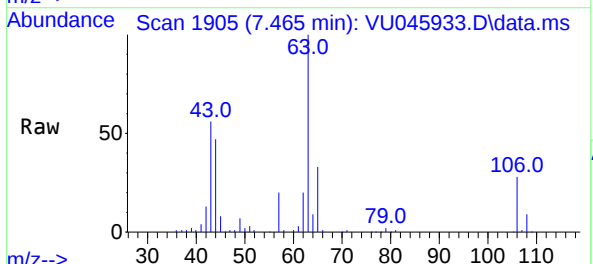
Manual Integrations  
APPROVED

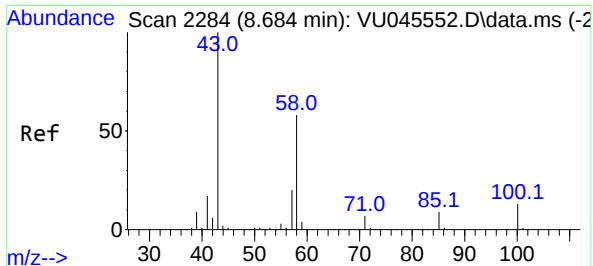
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#58  
2-Chloroethyl Vinyl ether  
Concen: 112.497 ug/l  
RT: 7.465 min Scan# 1905  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion: 63 Resp: 131659  
Ion Ratio Lower Upper  
63 100  
106 27.8 21.0 31.4





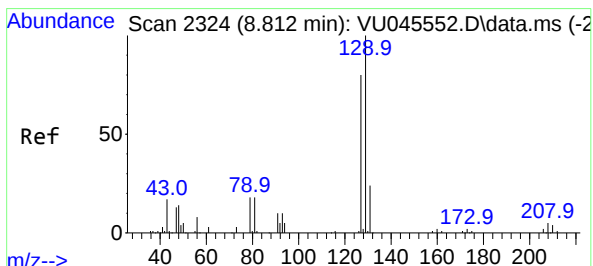
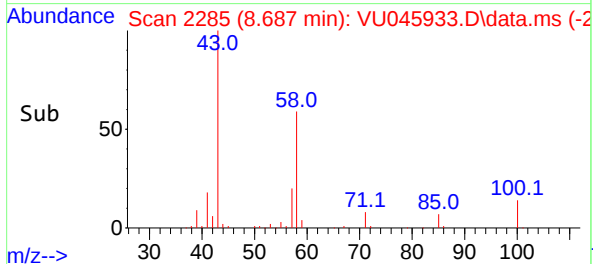
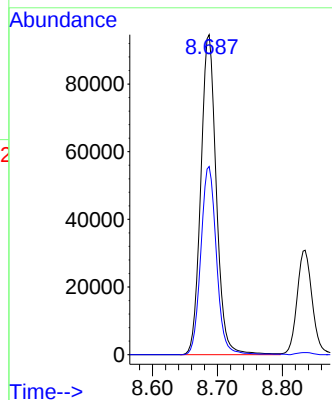
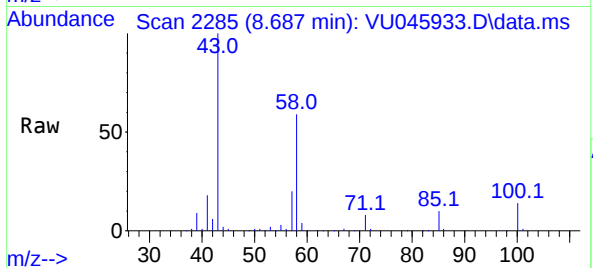
#59  
2-Hexanone  
Concen: 96.975 ug/l  
RT: 8.687 min Scan# 211  
Delta R.T. 0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 43 Resp: 15738  
Ion Ratio Lower Upper  
43 100  
58 59.3 29.5 88.6

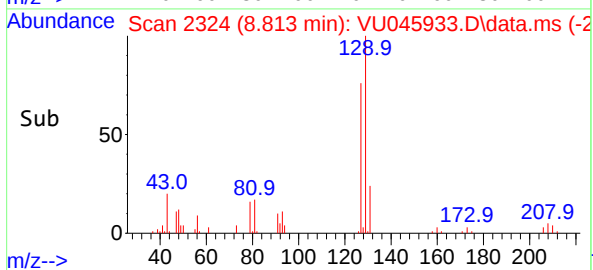
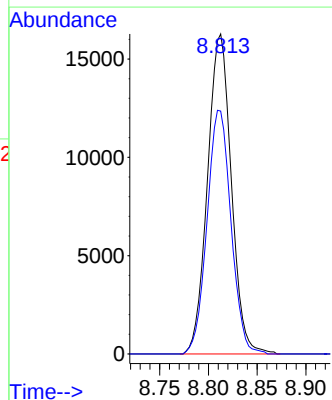
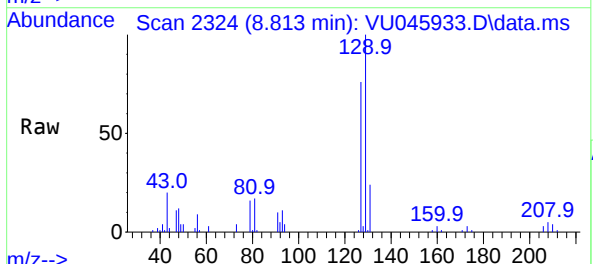
Manual Integrations  
APPROVED

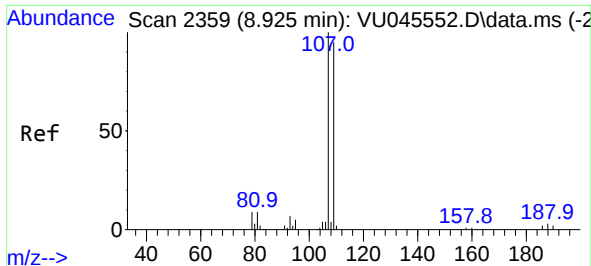
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#60  
Dibromochloromethane  
Concen: 20.932 ug/l  
RT: 8.813 min Scan# 2324  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

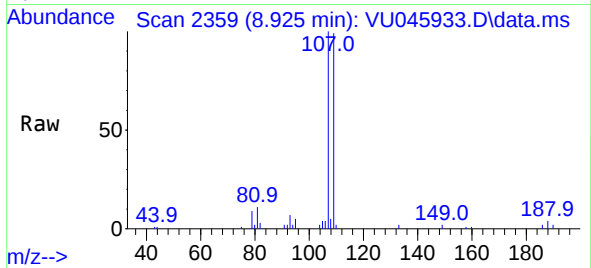
Tgt Ion:129 Resp: 27708  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.5 115.3





#61  
1,2-Dibromoethane  
Concen: 20.848 ug/l  
RT: 8.925 min Scan# 2359  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

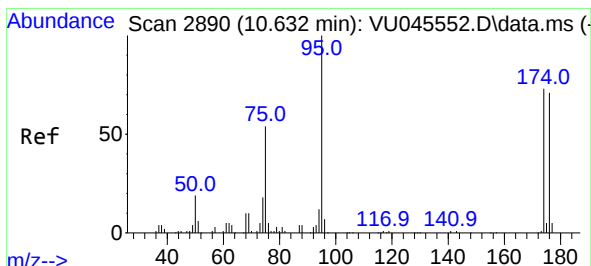
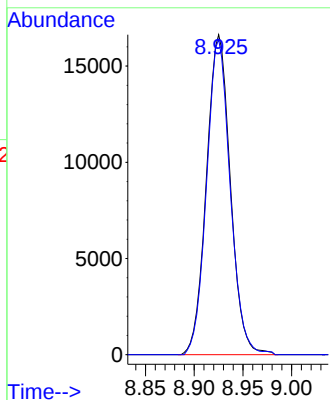
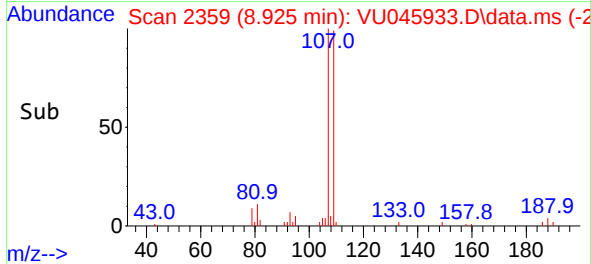
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



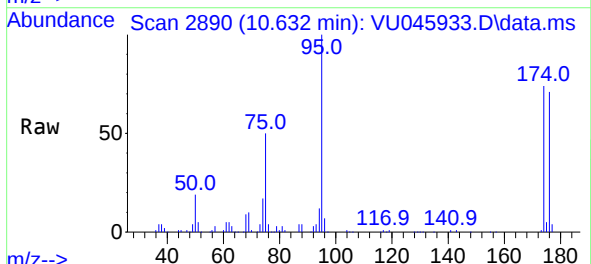
Tgt Ion:107 Resp: 2842  
Ion Ratio Lower Upper  
107 100  
109 97.2 75.8 113.8

Manual Integrations  
APPROVED

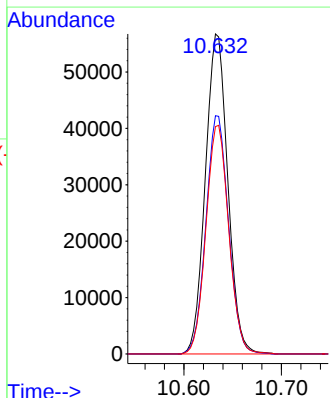
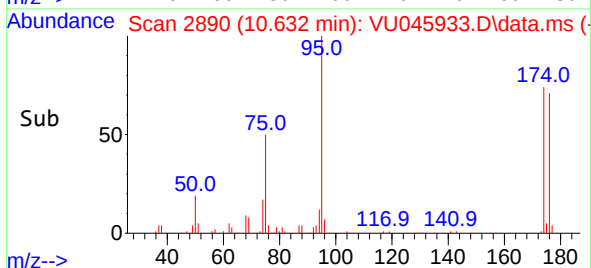
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

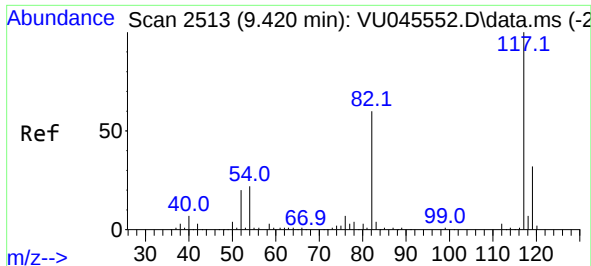


#62  
4-Bromofluorobenzene  
Concen: 52.527 ug/l  
RT: 10.632 min Scan# 2890  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



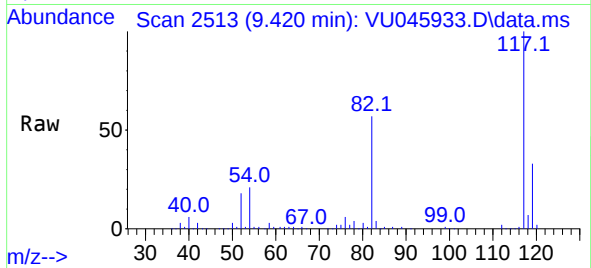
Tgt Ion: 95 Resp: 90752  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 141.8  
176 72.5 0.0 138.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.420 min Scan# 2513  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

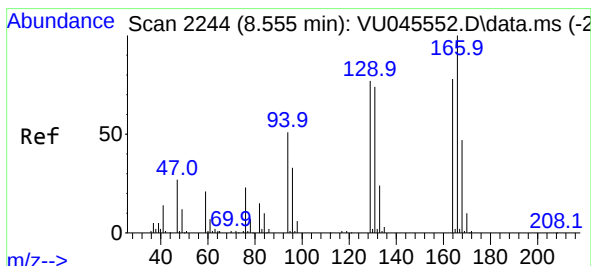
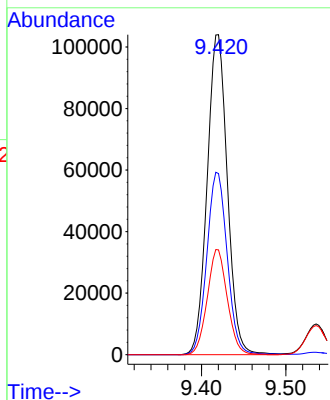
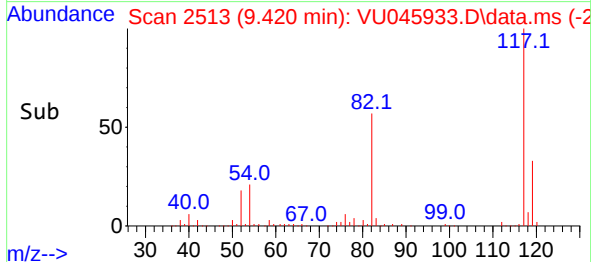
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



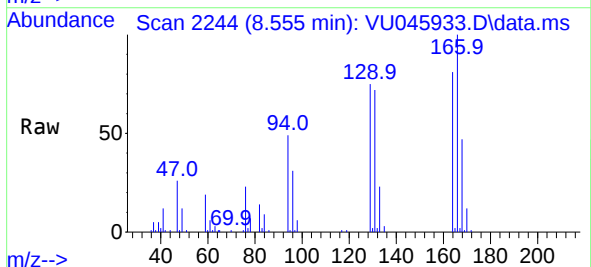
Tgt Ion:117 Resp: 173698  
Ion Ratio Lower Upper  
117 100  
82 56.6 47.8 71.8  
119 32.7 25.8 38.8

Manual Integrations  
APPROVED

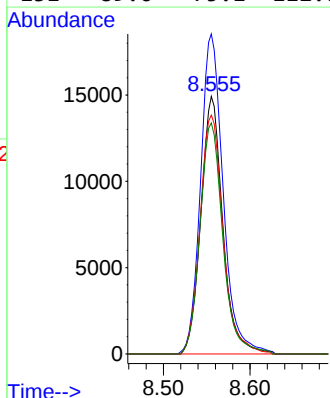
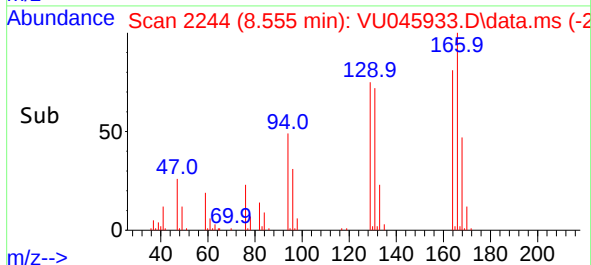
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

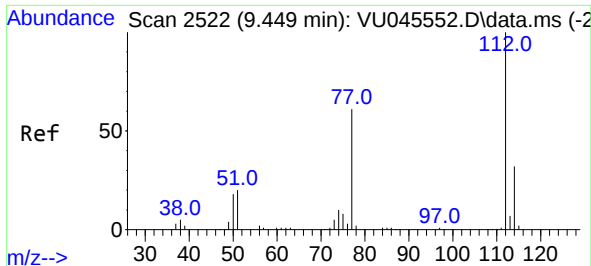


#64  
Tetrachloroethene  
Concen: 26.313 ug/l  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion:164 Resp: 26233  
Ion Ratio Lower Upper  
164 100  
166 124.2 102.2 153.4  
129 92.7 78.2 117.4  
131 89.6 75.1 112.7





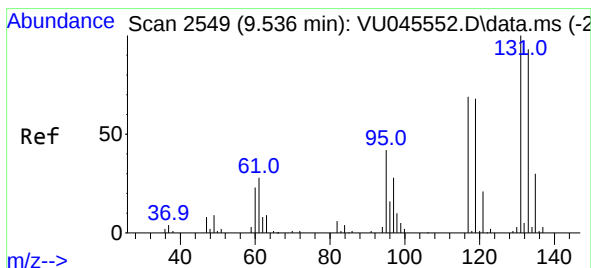
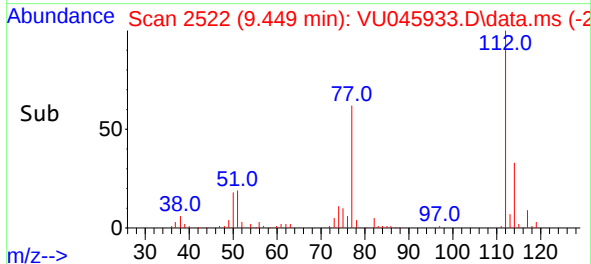
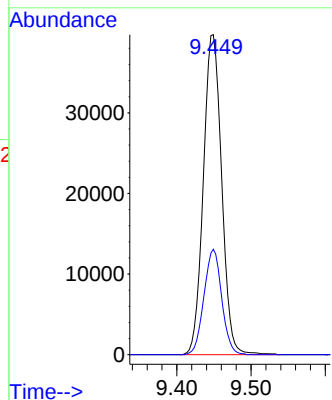
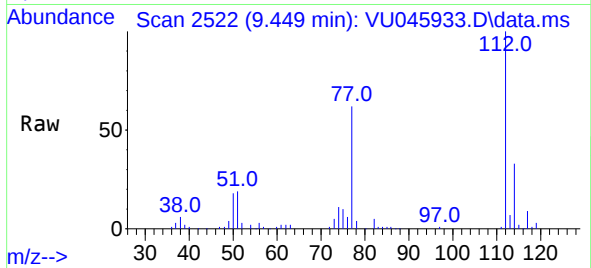
#65  
Chlorobenzene  
Concen: 19.933 ug/l  
RT: 9.449 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion:112 Resp: 68010  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.7 38.5

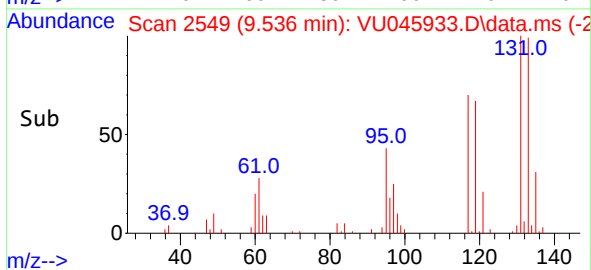
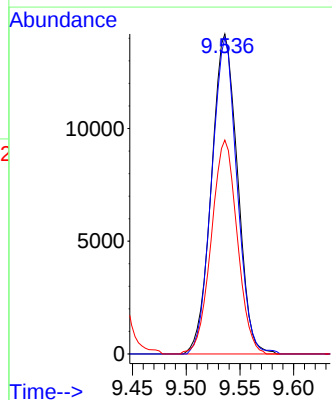
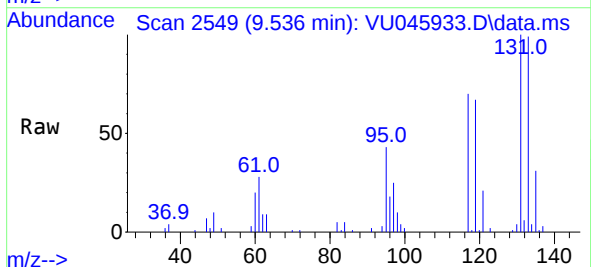
Manual Integrations  
APPROVED

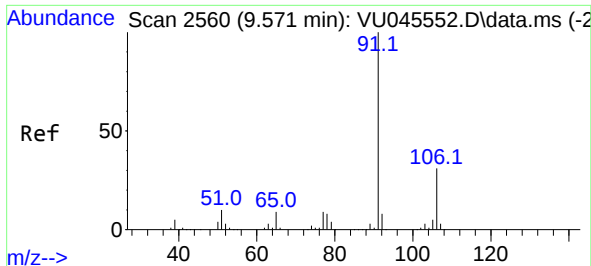
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.587 ug/l  
RT: 9.536 min Scan# 2549  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:131 Resp: 23835  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.9 143.6  
119 66.6 34.5 103.6





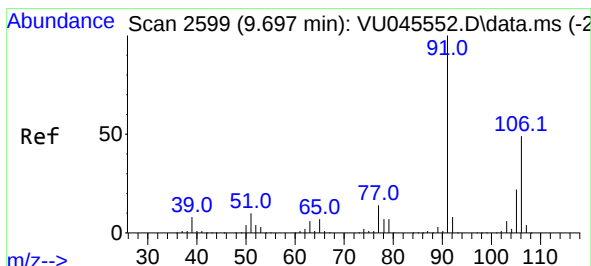
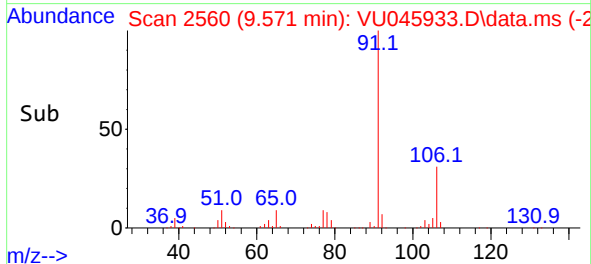
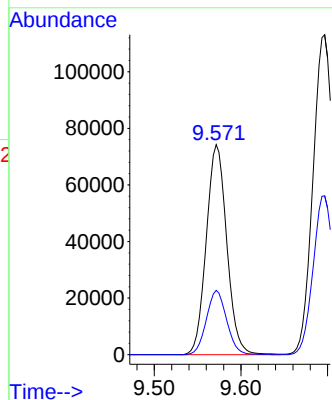
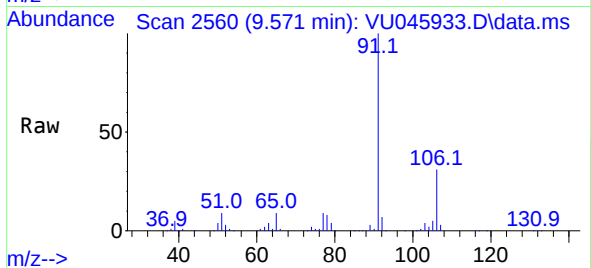
#67  
Ethyl Benzene  
Concen: 19.969 ug/l  
RT: 9.571 min Scan# 2560  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 91 Resp: 122009  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.6 36.8

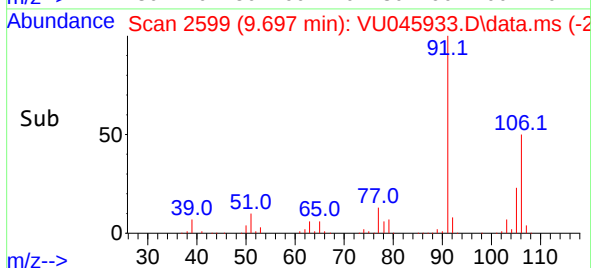
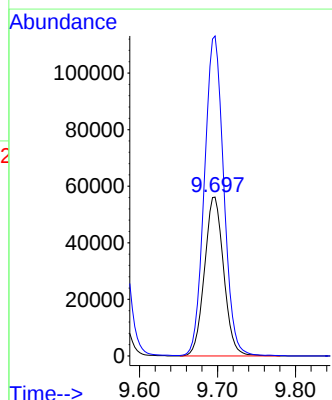
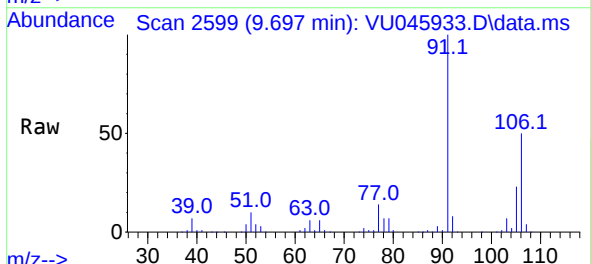
Manual Integrations  
APPROVED

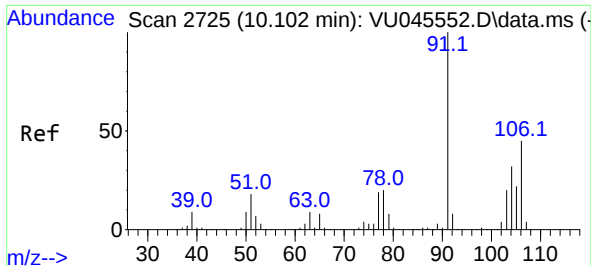
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#68  
m/p-Xylenes  
Concen: 41.695 ug/l  
RT: 9.697 min Scan# 2599  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:106 Resp: 96077  
Ion Ratio Lower Upper  
106 100  
91 202.1 164.7 247.1





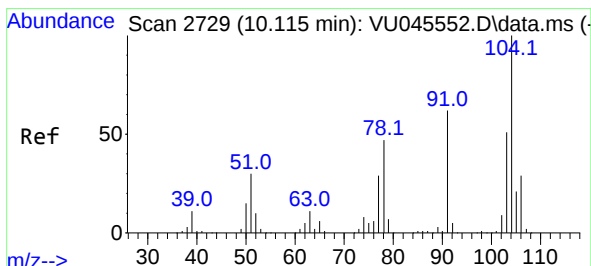
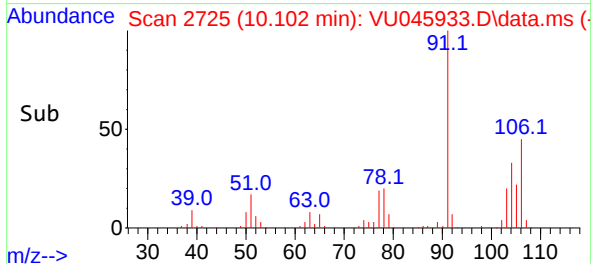
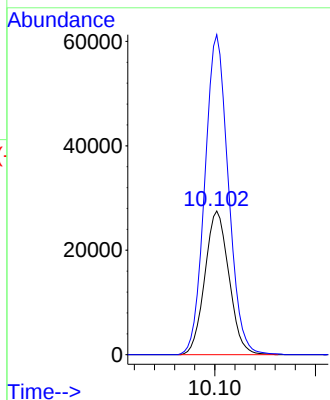
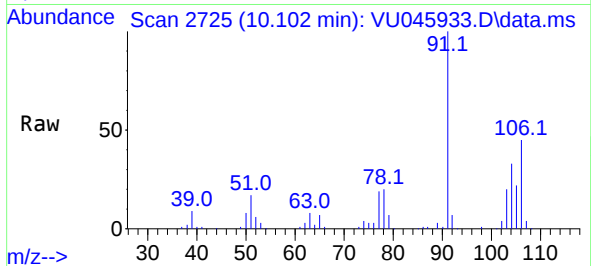
#69  
o-Xylene  
Concen: 20.457 ug/l  
RT: 10.102 min Scan# 2725  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion:106 Resp: 45829  
Ion Ratio Lower Upper  
106 100  
91 217.1 108.7 326.3

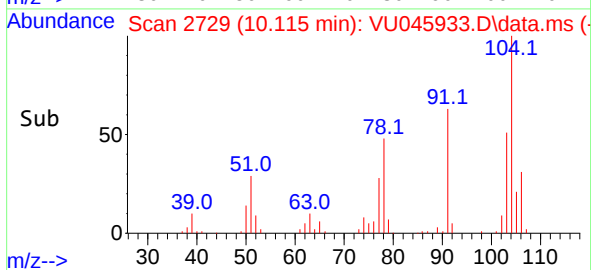
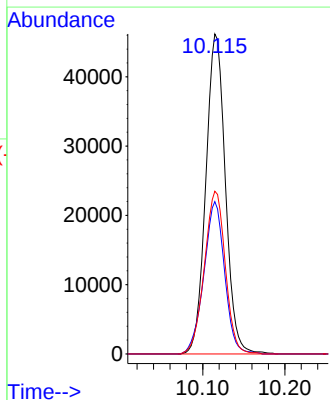
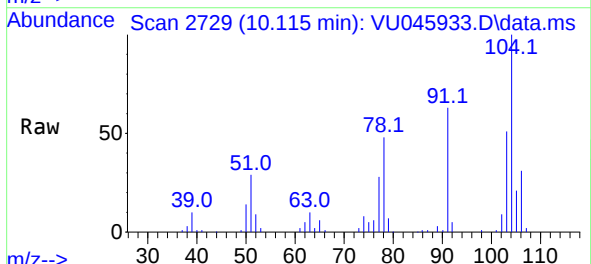
Manual Integrations  
APPROVED

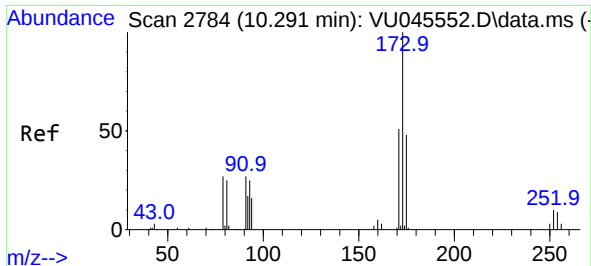
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#70  
Styrene  
Concen: 20.200 ug/l  
RT: 10.115 min Scan# 2729  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:104 Resp: 76556  
Ion Ratio Lower Upper  
104 100  
78 50.3 41.8 62.6  
103 54.4 43.8 65.6





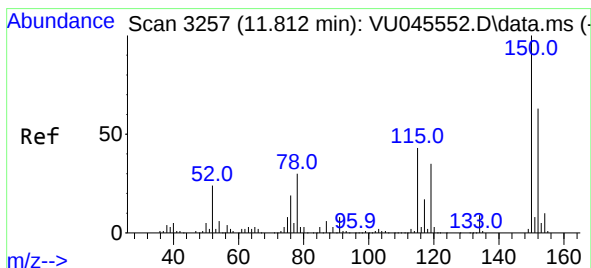
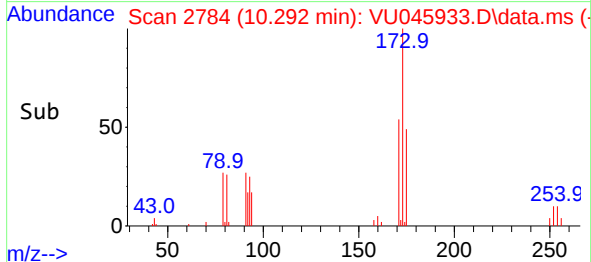
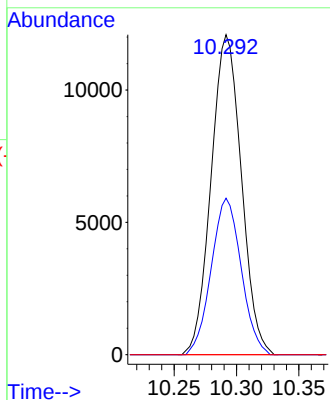
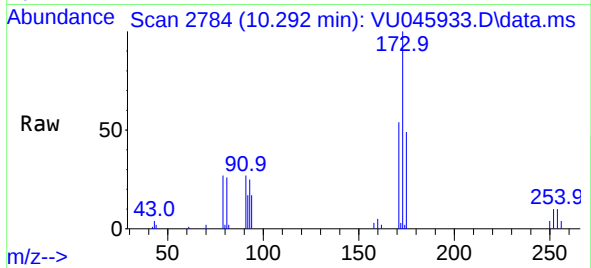
#71  
Bromoform  
Concen: 19.709 ug/l  
RT: 10.292 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion:173 Resp: 2040  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.1 72.2  
254 0.0 0.0 0.0

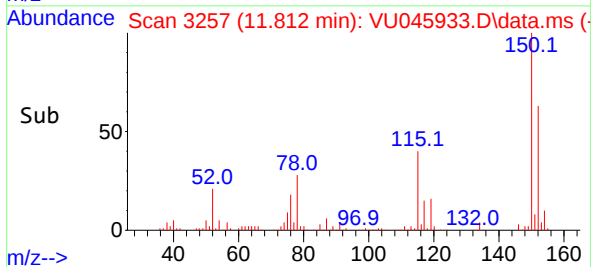
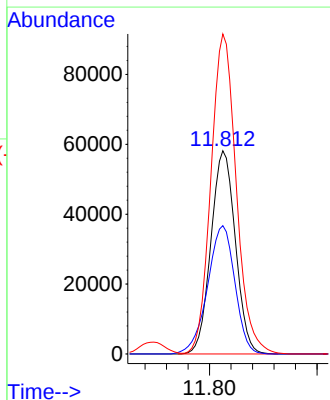
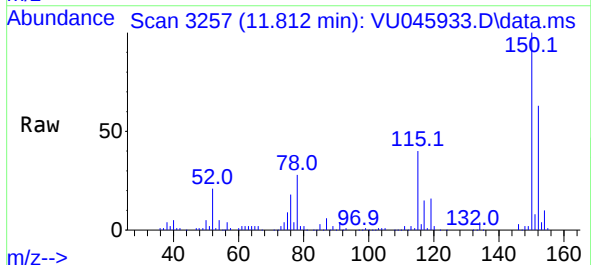
Manual Integrations  
APPROVED

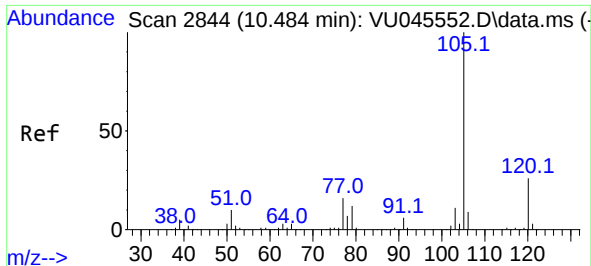
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.812 min Scan# 3257  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

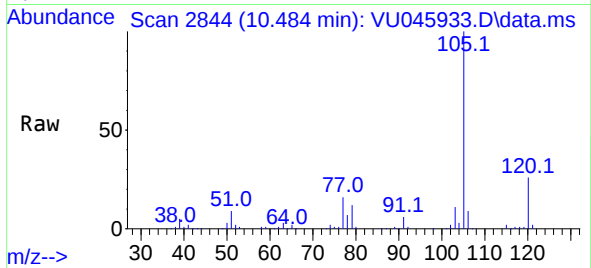
Tgt Ion:152 Resp: 91816  
Ion Ratio Lower Upper  
152 100  
115 70.4 42.7 128.1  
150 163.3 0.0 346.8





#73  
Isopropylbenzene  
Concen: 20.190 ug/l  
RT: 10.484 min Scan# 2844  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

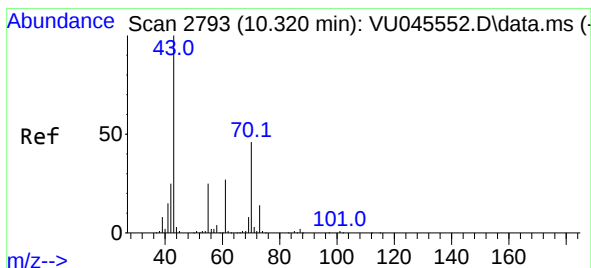
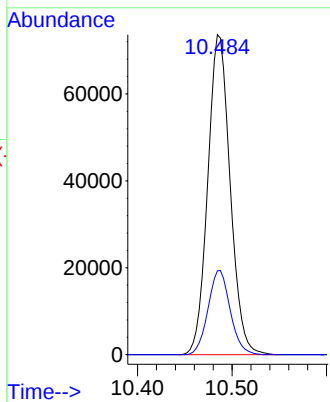
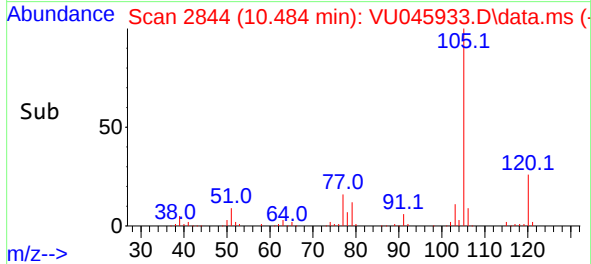
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



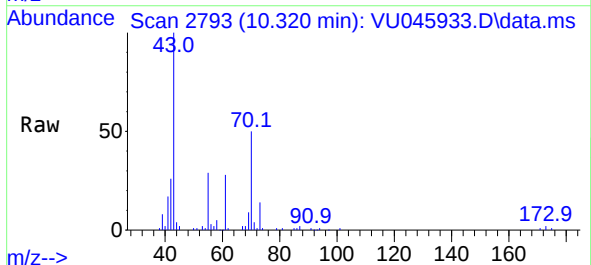
Tgt Ion:105 Resp: 121120  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.9 38.6

Manual Integrations  
APPROVED

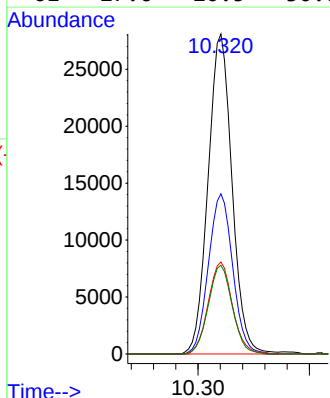
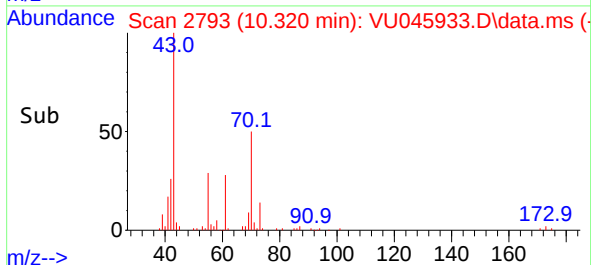
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

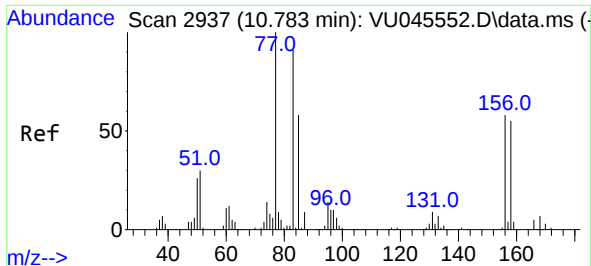


#74  
N-ethyl acetate  
Concen: 15.494 ug/l  
RT: 10.320 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



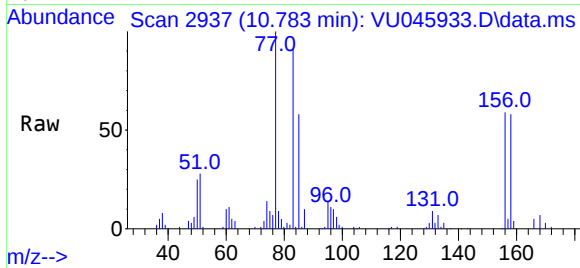
Tgt Ion: 43 Resp: 41932  
Ion Ratio Lower Upper  
43 100  
70 50.7 36.9 55.3  
55 29.0 20.6 31.0  
61 27.6 20.5 30.7





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.265 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

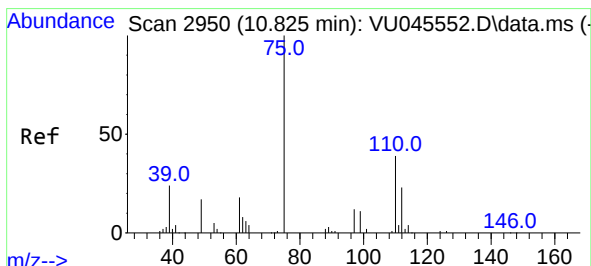
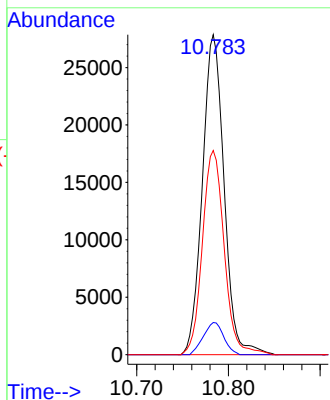
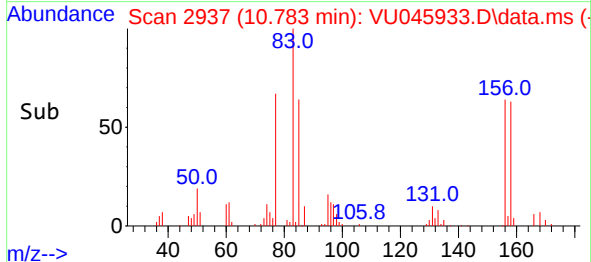
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



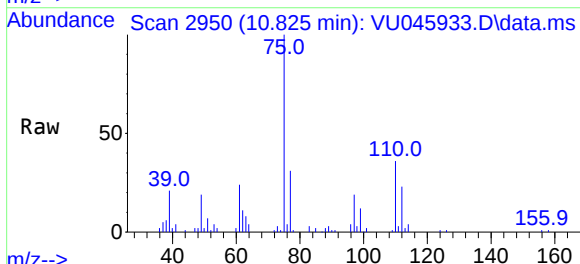
Tgt Ion: 83 Resp: 45790  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.4 13.2  
85 64.2 31.9 95.9

Manual Integrations  
APPROVED

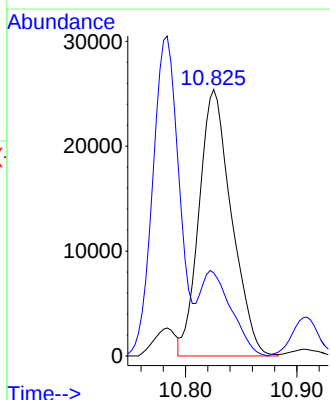
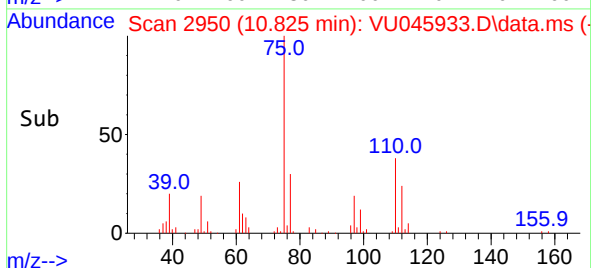
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

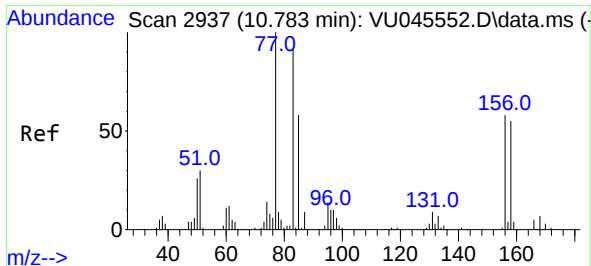


#76  
1,2,3-Trichloropropane  
Concen: 18.496 ug/l  
RT: 10.825 min Scan# 2950  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



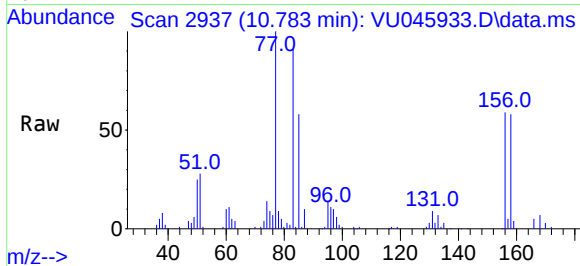
Tgt Ion: 75 Resp: 51501  
Ion Ratio Lower Upper  
75 100  
77 29.9 17.1 51.3





#77  
Bromobenzene  
Concen: 20.670 ug/l  
RT: 10.783 min Scan# 2937  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

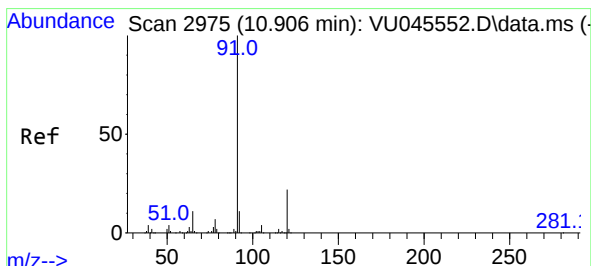
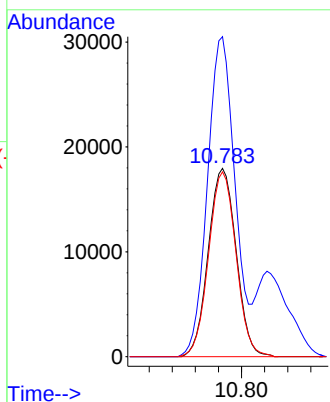
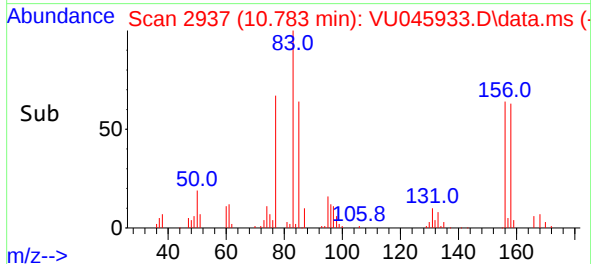
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



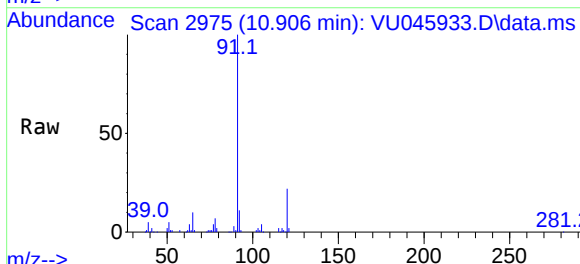
Tgt Ion:156 Resp: 3010  
Ion Ratio Lower Upper  
156 100  
77 165.9 91.1 273.4  
158 96.7 47.9 143.6

Manual Integrations  
APPROVED

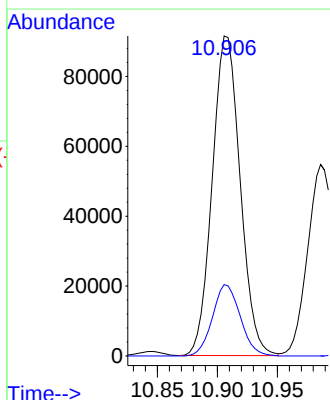
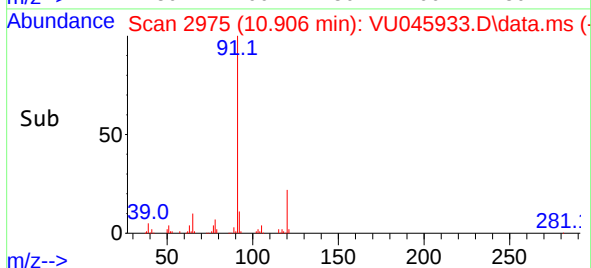
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

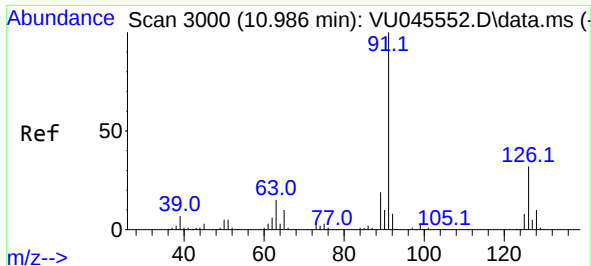


#78  
n-propylbenzene  
Concen: 19.832 ug/l  
RT: 10.906 min Scan# 2975  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 91 Resp: 148077  
Ion Ratio Lower Upper  
91 100  
120 22.2 10.9 32.7





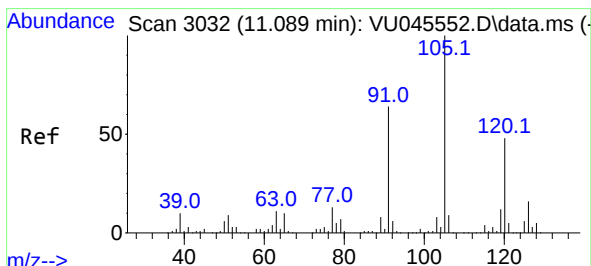
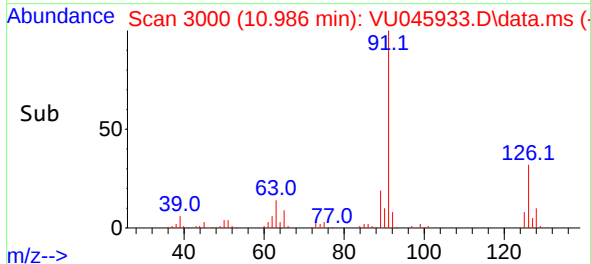
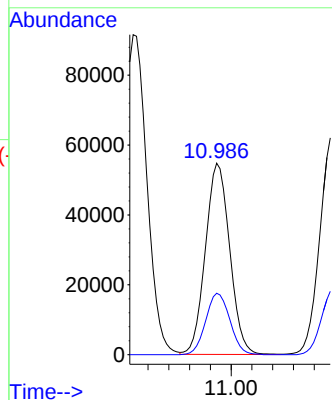
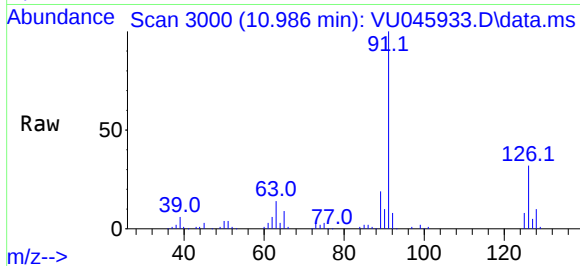
#79  
2-Chlorotoluene  
Concen: 20.162 ug/l  
RT: 10.986 min Scan# 3000  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion: 91 Resp: 8894  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.6 46.8

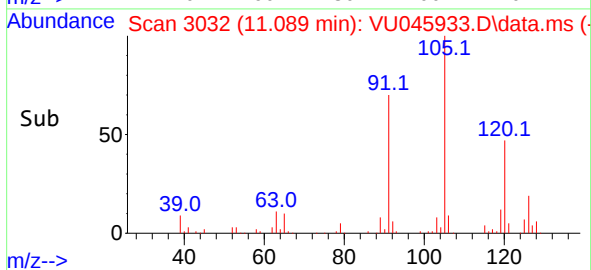
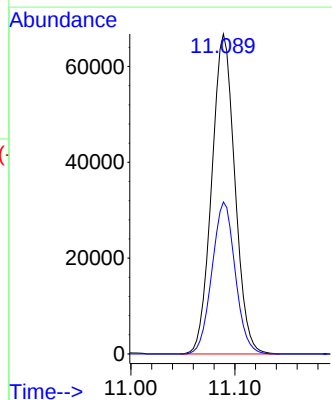
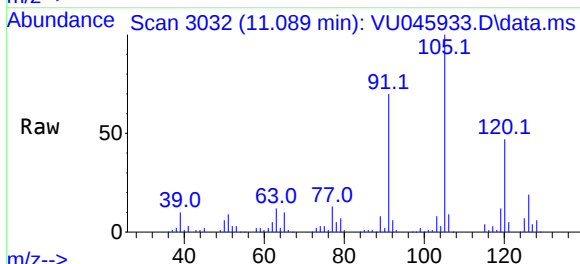
Manual Integrations  
APPROVED

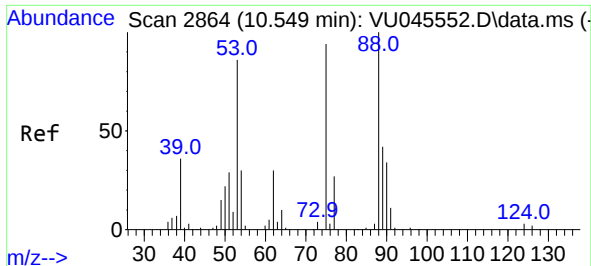
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#80  
1,3,5-Trimethylbenzene  
Concen: 19.700 ug/l  
RT: 11.089 min Scan# 3032  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

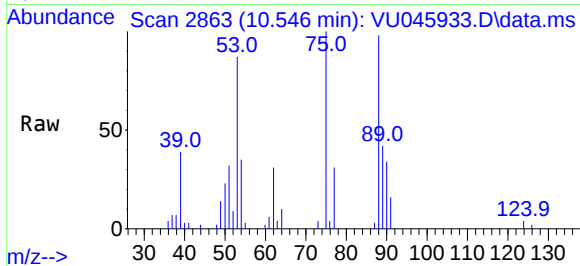
Tgt Ion:105 Resp: 103257  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.9 71.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.964 ug/l  
RT: 10.546 min Scan# 2863  
Delta R.T. -0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

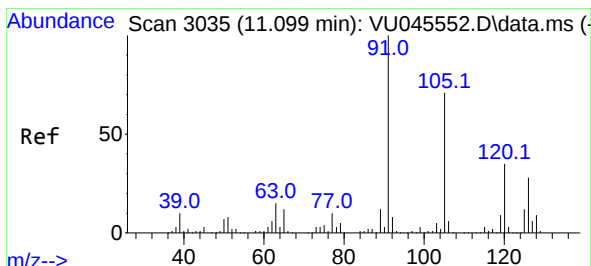
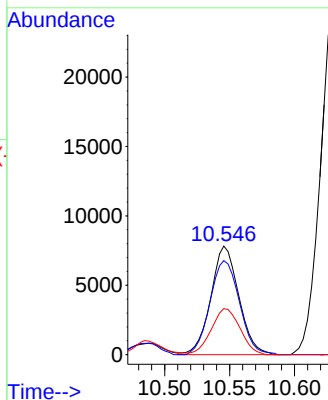
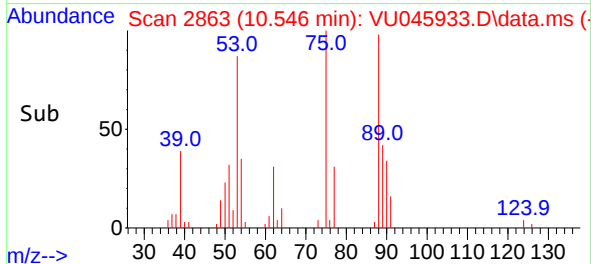
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



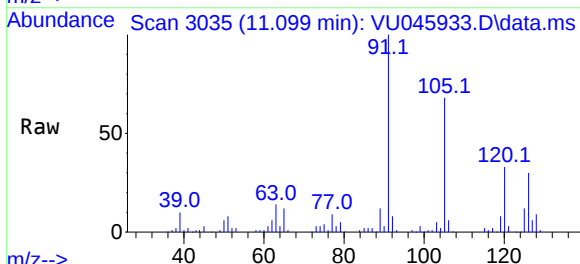
Tgt Ion: 75 Resp: 1172  
Ion Ratio Lower Upper  
75 100  
53 90.8 76.2 114.4  
89 43.6 34.0 51.0

Manual Integrations  
APPROVED

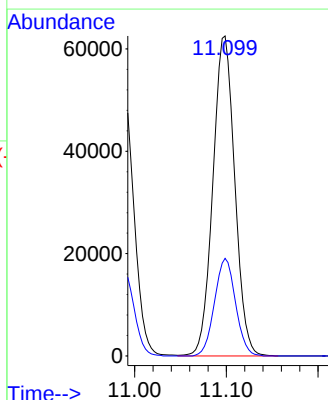
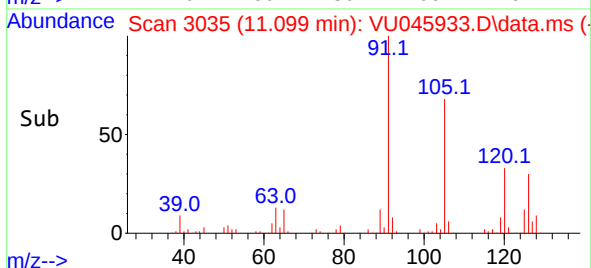
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

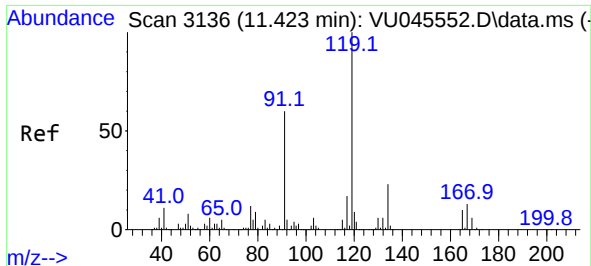


#82  
4-Chlorotoluene  
Concen: 20.044 ug/l  
RT: 11.099 min Scan# 3035  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion: 91 Resp: 103695  
Ion Ratio Lower Upper  
91 100  
126 29.3 13.8 41.4





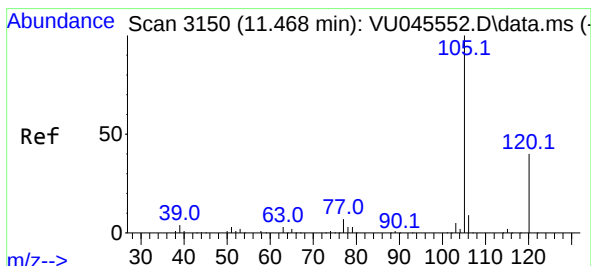
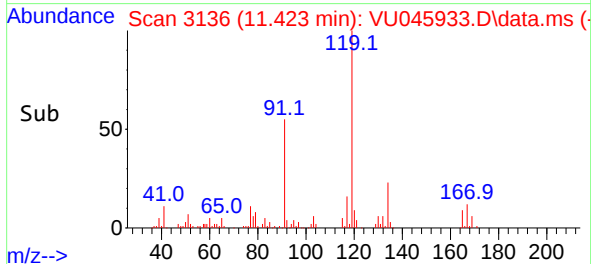
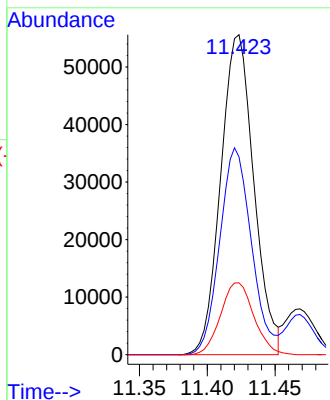
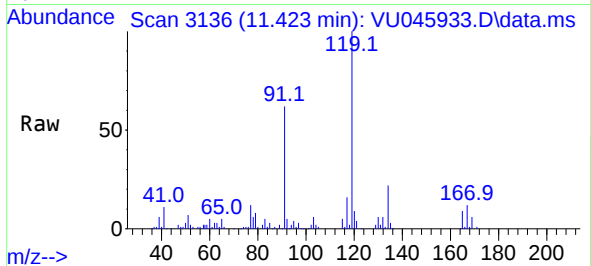
#83  
tert-Butylbenzene  
Concen: 18.951 ug/l  
RT: 11.423 min Scan# 3136  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02

Tgt Ion:119 Resp: 94688  
Ion Ratio Lower Upper  
119 100  
91 62.1 30.5 91.5  
134 22.5 11.5 34.5

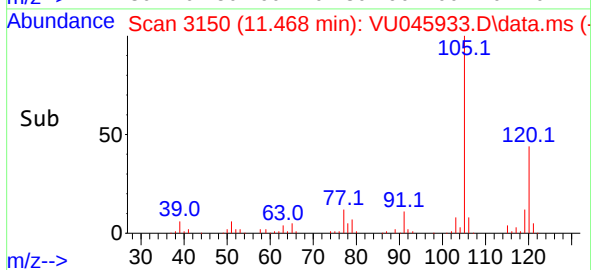
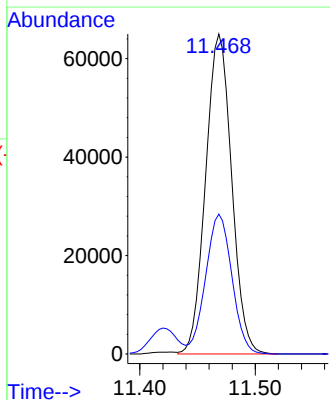
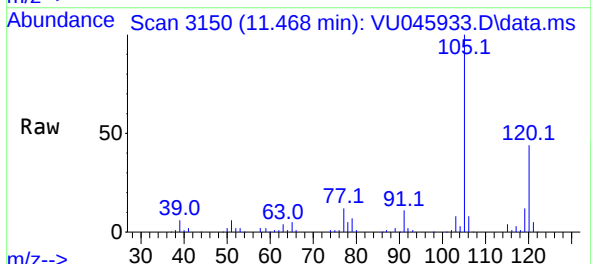
Manual Integrations  
APPROVED

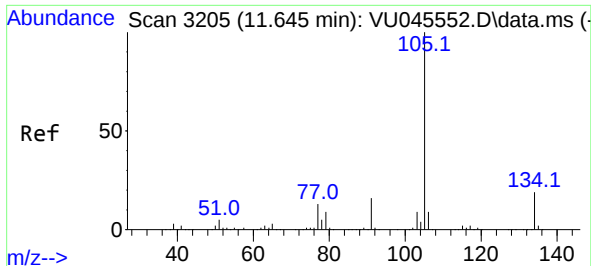
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#84  
1,2,4-Trimethylbenzene  
Concen: 19.541 ug/l  
RT: 11.468 min Scan# 3150  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

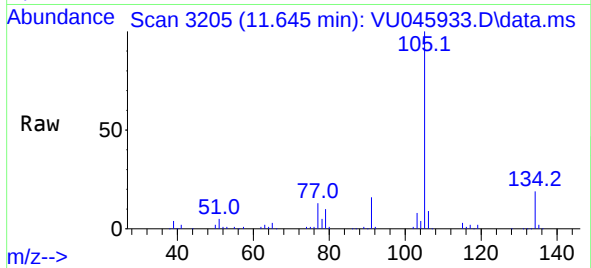
Tgt Ion:105 Resp: 101798  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.2 66.6





#85  
sec-Butylbenzene  
Concen: 19.519 ug/l  
RT: 11.645 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

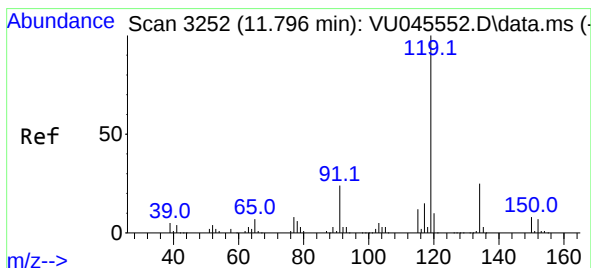
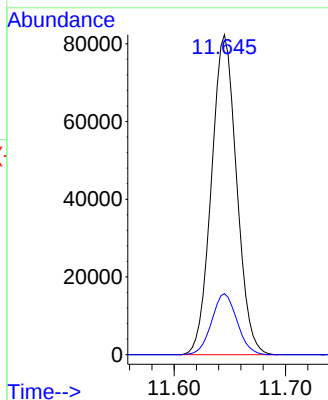
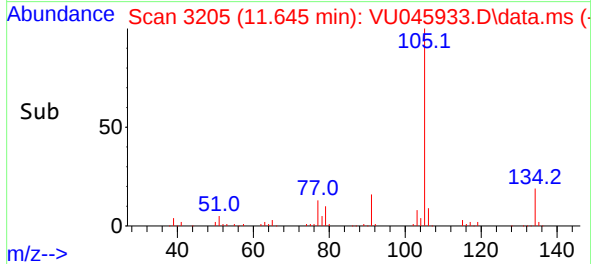
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



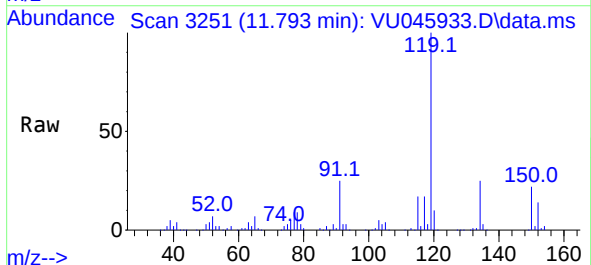
Tgt Ion:105 Resp: 12934  
Ion Ratio Lower Upper  
105 100  
134 19.2 9.4 28.3

Manual Integrations  
APPROVED

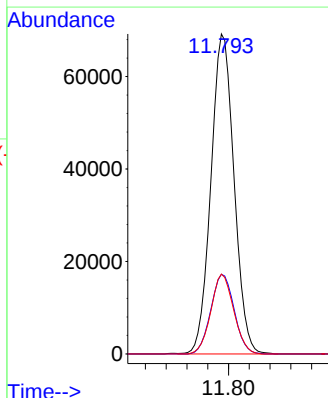
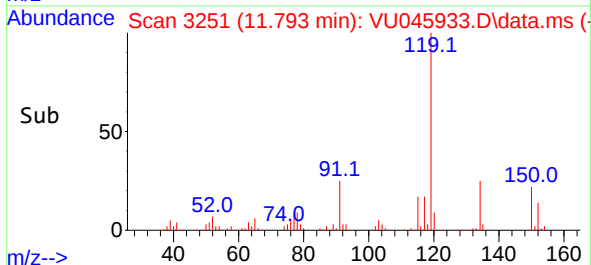
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021

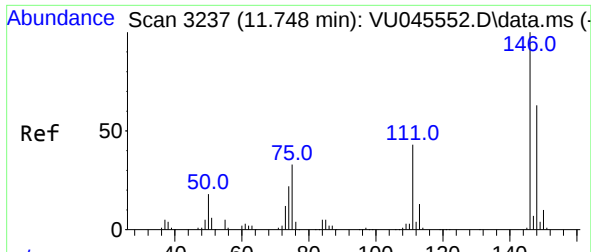


#86  
p-Isopropyltoluene  
Concen: 19.298 ug/l  
RT: 11.793 min Scan# 3251  
Delta R.T. -0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion:119 Resp: 106863  
Ion Ratio Lower Upper  
119 100  
134 25.1 12.7 38.1  
91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.573 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBS02

Tgt Ion:146 Resp: 5752

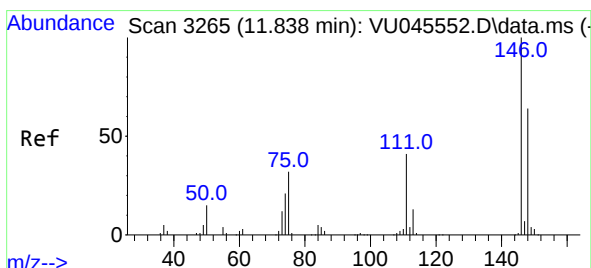
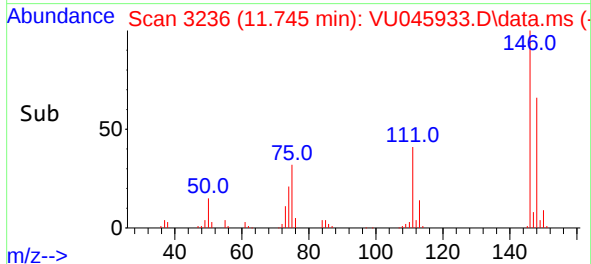
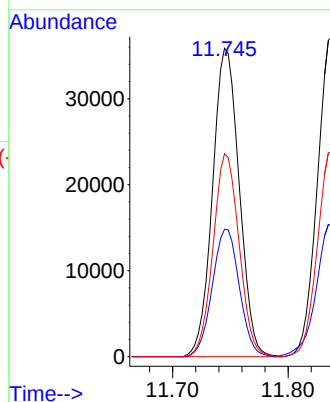
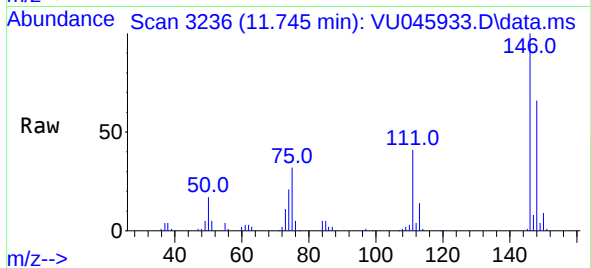
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.9  | 21.3  | 63.9  |
| 148 | 64.4  | 31.7  | 95.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#88

1,4-Dichlorobenzene

Concen: 19.695 ug/l

RT: 11.838 min Scan# 3265

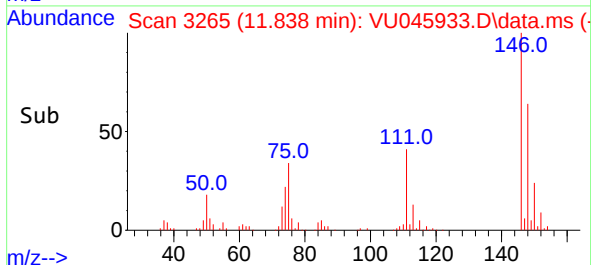
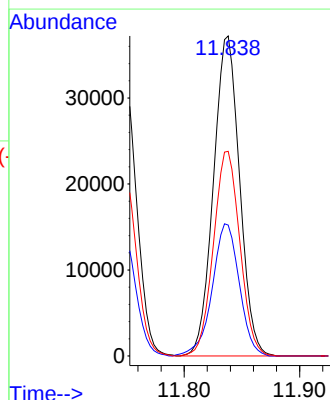
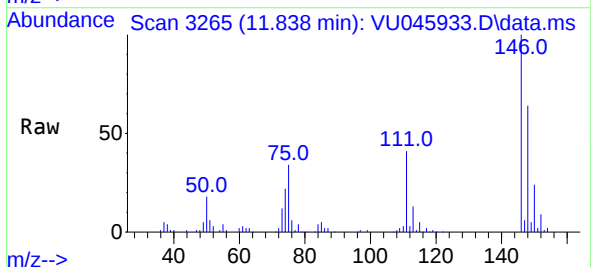
Delta R.T. 0.000 min

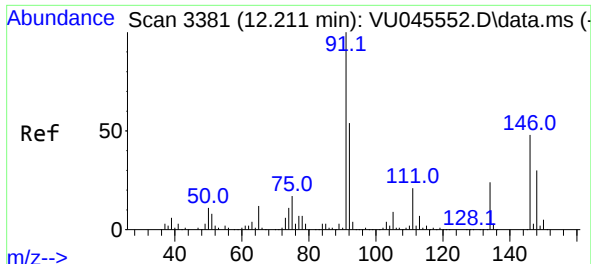
Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion:146 Resp: 58539

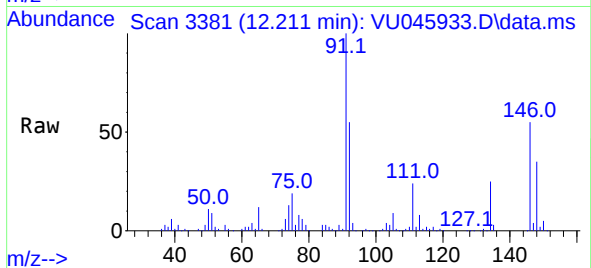
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 42.7  | 20.6  | 61.9  |
| 148 | 64.8  | 31.9  | 95.7  |





#89  
n-Butylbenzene  
Concen: 17.944 ug/l  
RT: 12.211 min Scan# 3381  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

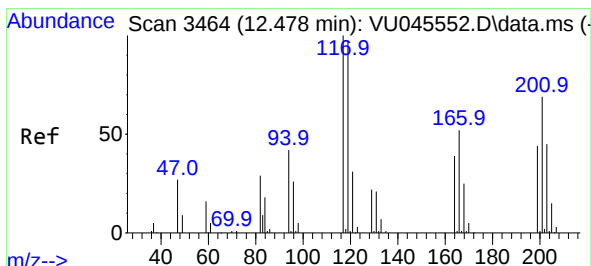
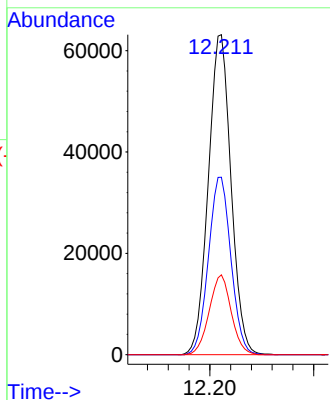
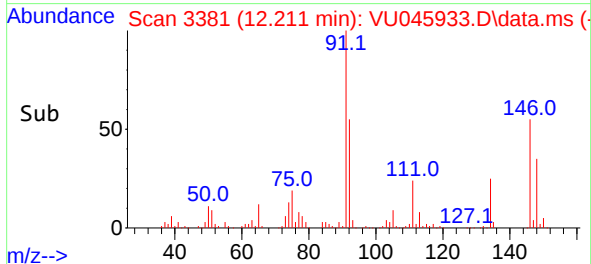
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



Tgt Ion: 91 Resp: 9571  
Ion Ratio Lower Upper  
91 100  
92 54.9 27.1 81.2  
134 24.2 11.8 35.4

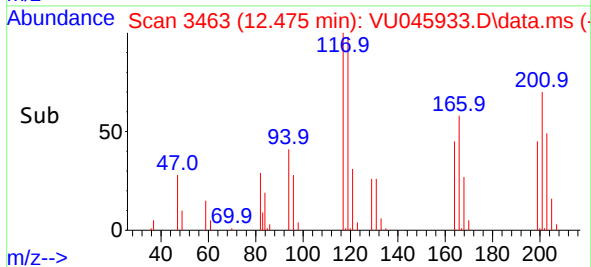
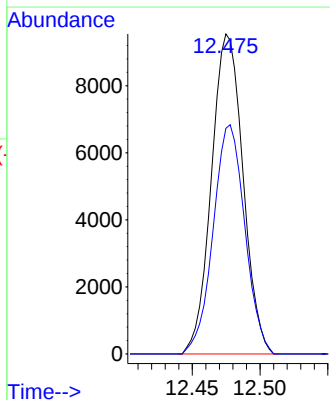
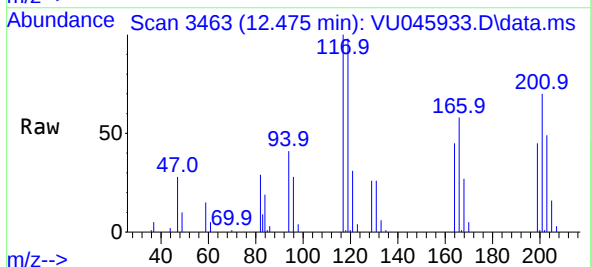
Manual Integrations  
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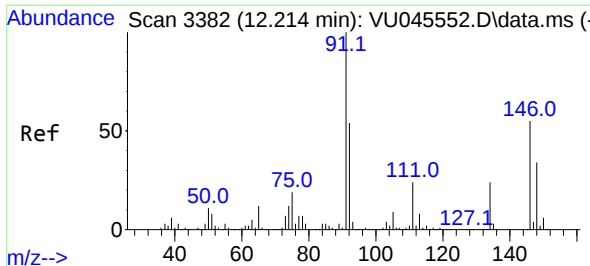
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#90  
Hexachloroethane  
Concen: 15.468 ug/l  
RT: 12.475 min Scan# 3463  
Delta R.T. -0.003 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

Tgt Ion:117 Resp: 15452  
Ion Ratio Lower Upper  
117 100  
201 71.9 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 19.878 ug/l

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Instrument :

MSVOA\_U

ClientSampleId :

VU1122WBS02

Tgt Ion:146 Resp: 5683

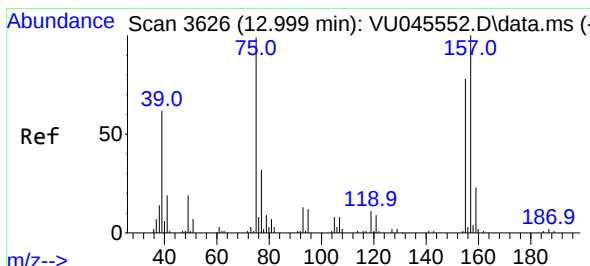
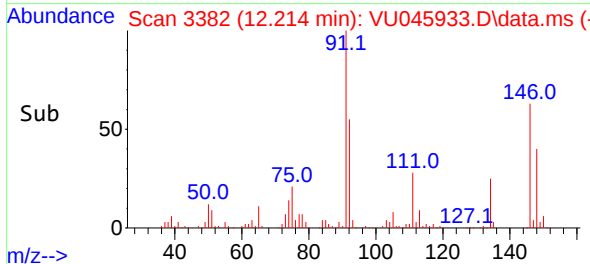
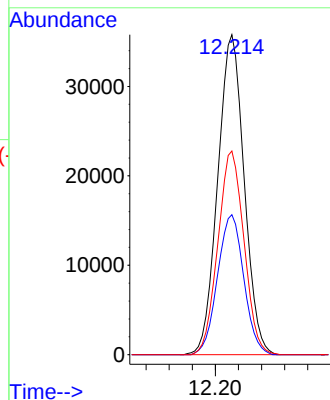
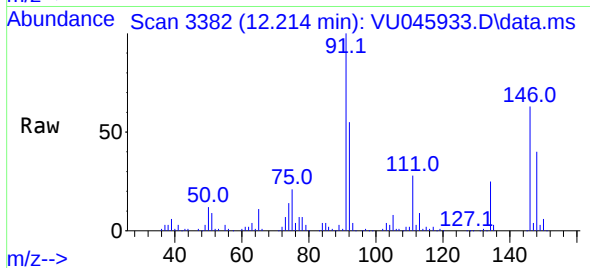
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.5  | 21.9  | 65.5  |
| 148 | 62.9  | 32.1  | 96.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.264 ug/l

RT: 12.996 min Scan# 3625

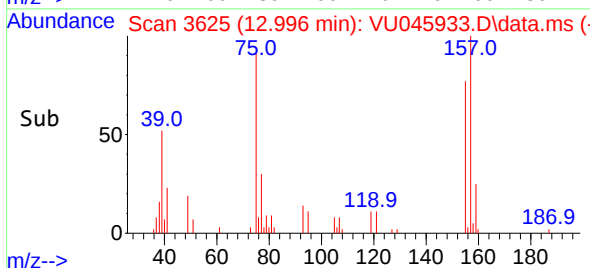
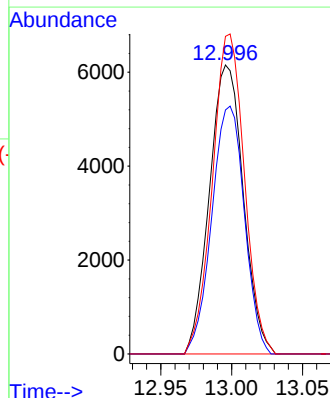
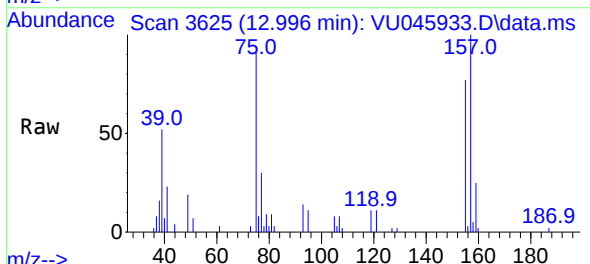
Delta R.T. -0.003 min

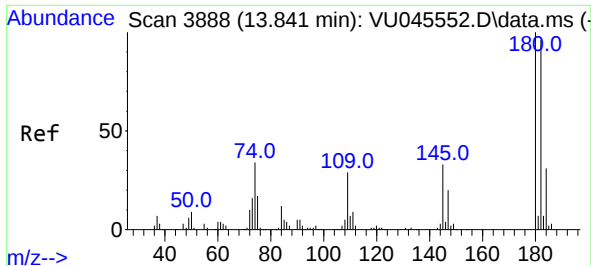
Lab File: VU045933.D

Acq: 22 Nov 2021 23:31

Tgt Ion: 75 Resp: 10243

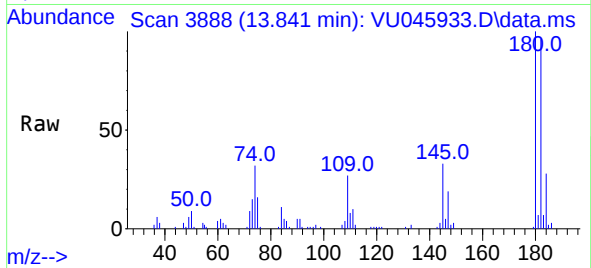
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 82.4  | 37.8  | 113.3 |
| 157 | 104.6 | 48.4  | 145.2 |





#93  
1,2,4-Trichlorobenzene  
Concen: 18.686 ug/l  
RT: 13.841 min Scan# 3888  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

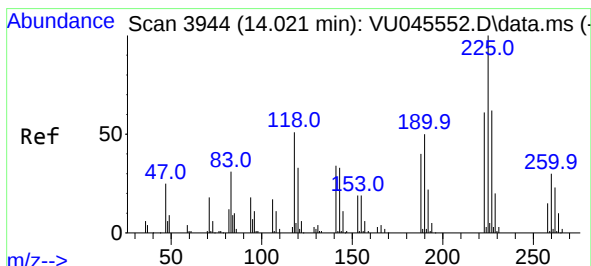
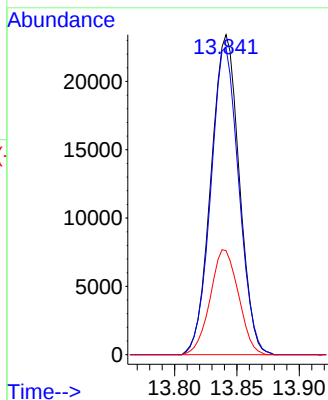
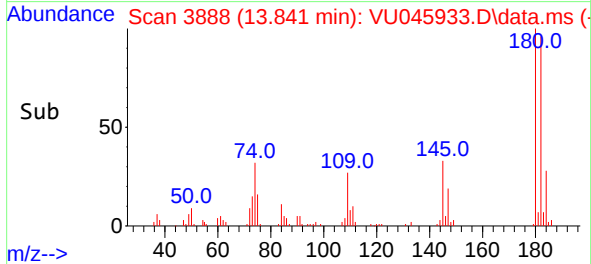
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



Tgt Ion:180 Resp: 3694  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.0 141.2  
145 32.9 15.6 46.7

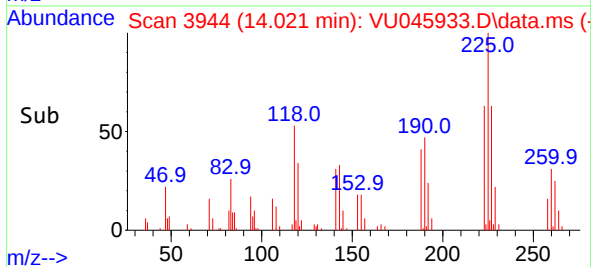
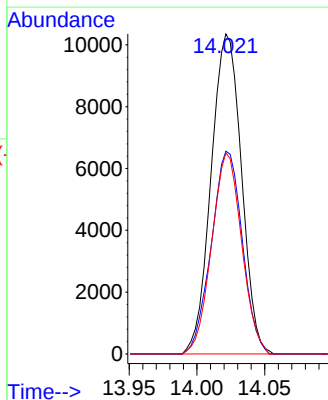
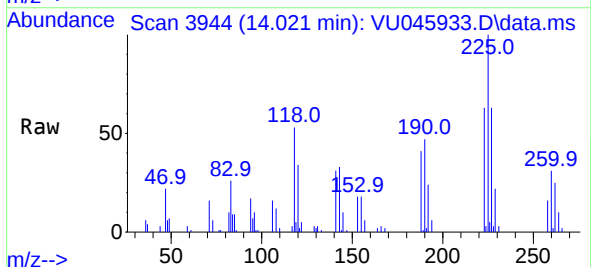
Manual Integrations  
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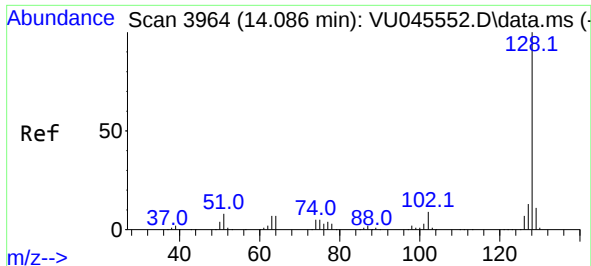
Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#94  
Hexachlorobutadiene  
Concen: 18.860 ug/l  
RT: 14.021 min Scan# 3944  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

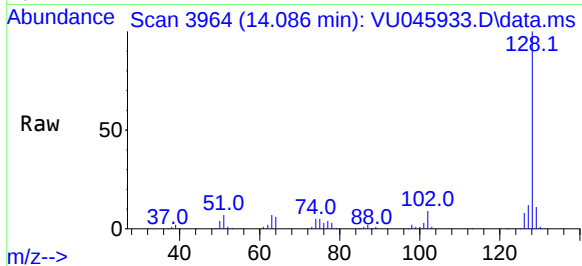
Tgt Ion:225 Resp: 16095  
Ion Ratio Lower Upper  
225 100  
223 64.6 32.0 96.2  
227 62.0 31.1 93.5





#95  
Naphthalene  
Concen: 18.324 ug/l  
RT: 14.086 min Scan# 3964  
Delta R.T. -0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31

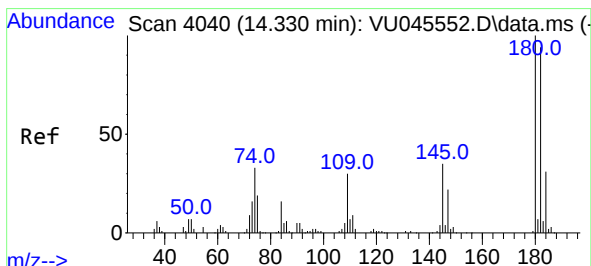
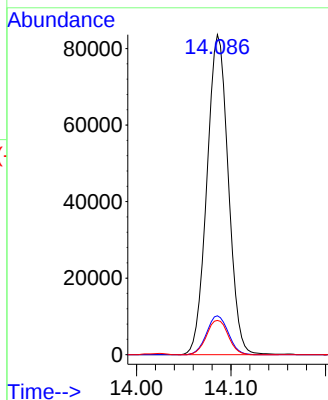
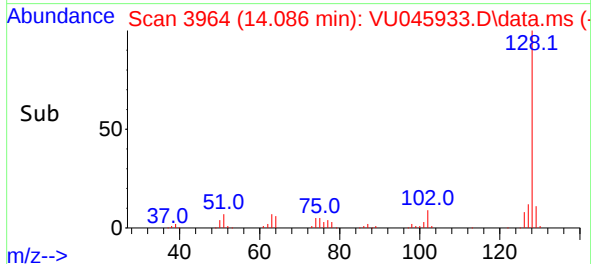
Instrument :  
MSVOA\_U  
ClientSampleId :  
VU1122WBS02



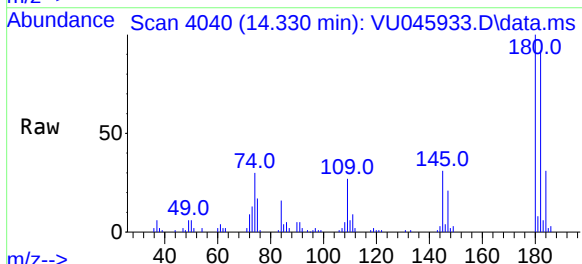
Tgt Ion:128 Resp: 131239  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.6 15.8  
129 10.9 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/23/2021  
Supervised By :Mahesh Dadoda 11/23/2021



#96  
1,2,3-Trichlorobenzene  
Concen: 19.461 ug/l  
RT: 14.330 min Scan# 4040  
Delta R.T. 0.000 min  
Lab File: VU045933.D  
Acq: 22 Nov 2021 23:31



Tgt Ion:180 Resp: 38214  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.7 143.1  
145 33.2 16.7 50.0

