

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
 Data File : VU052749.D  
 Acq On : 19 Jan 2023 20:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/20/2023  
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 15:18:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 20 01:04:16 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.369          | 168  | 210736     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.244          | 114  | 347515     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.414          | 117  | 324039     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.810         | 152  | 174399     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.697          | 65   | 150831     | 49.698   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 99.400%  |        |          |
| 35) Dibromofluoromethane     | 5.282          | 113  | 117882     | 48.716   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 97.440%  |        |          |
| 50) Toluene-d8               | 7.893          | 98   | 448004     | 49.369   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 98.740%  |        |          |
| 62) 4-Bromofluorobenzene     | 10.629         | 95   | 171046     | 51.599   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 103.200% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.382          | 85   | 117958     | 47.469   | ug/l   | 99       |
| 3) Chloromethane             | 1.517          | 50   | 119245     | 46.717   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.604          | 62   | 126362     | 49.636   | ug/l   | 100      |
| 5) Bromomethane              | 1.858          | 94   | 63012      | 50.138   | ug/l   | 98       |
| 6) Chloroethane              | 1.932          | 64   | 75361      | 46.829   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 2.131          | 101  | 188153     | 48.006   | ug/l   | 98       |
| 8) Diethyl Ether             | 2.373          | 74   | 70733      | 49.578   | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.575          | 101  | 112494     | 49.634   | ug/l   | 97       |
| 10) Methyl Iodide            | 2.720          | 142  | 106170     | 52.159   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 3.215          | 59   | 15951      | 30.845   | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 2.575          | 96   | 109382     | 48.797   | ug/l   | 99       |
| 13) Acrolein                 | 2.485          | 56   | 119694     | 251.806  | ug/l   | 98       |
| 14) Allyl chloride           | 2.919          | 41   | 187053     | 52.979   | ug/l   | 100      |
| 15) Acrylonitrile            | 3.311          | 53   | 371571     | 260.410  | ug/l   | 99       |
| 16) Acetone                  | 2.636          | 43   | 325578     | 225.084  | ug/l   | 98       |
| 17) Carbon Disulfide         | 2.791          | 76   | 319157     | 47.519   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.945          | 43   | 206834     | 51.666   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.356          | 73   | 402155     | 52.955   | ug/l   | 97       |
| 20) Methylene Chloride       | 3.041          | 84   | 135628     | 52.733   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 3.347          | 96   | 122660     | 50.762   | ug/l   | 96       |
| 22) Diisopropyl ether        | 3.987          | 45   | 382631     | 52.112   | ug/l   | 94       |
| 23) Vinyl Acetate            | 3.948          | 43   | 1485841    | 263.734  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.864          | 63   | 230979     | 49.599   | ug/l   | 99       |
| 25) 2-Butanone               | 4.700          | 43   | 476721     | 255.547  | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.659          | 77   | 185627     | 48.589   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.662          | 96   | 139367     | 52.541   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.967          | 49   | 97468      | 50.142   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 5.051          | 42   | 294302     | 271.767  | ug/l   | 98       |
| 30) Chloroform               | 5.083          | 83   | 236407     | 47.491   | ug/l   | 99       |
| 31) Cyclohexane              | 5.382          | 56   | 206370     | 48.527   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.311          | 97   | 205184     | 50.323   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.520          | 75   | 171988     | 49.537   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.797          | 43   | 181088     | 47.981   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.520          | 117  | 174426     | 48.832   | ug/l   | 97       |
| 39) Methylcyclohexane        | 6.758          | 83   | 209810     | 51.931   | ug/l   | 98       |
| 40) Benzene                  | 5.768          | 78   | 517186     | 49.333   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
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 Acq On : 19 Jan 2023 20:41  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/20/2023  
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 15:18:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 20 01:04:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.967  | 41   | 98896    | 54.165   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 5.787  | 62   | 185639   | 49.040   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 5.906  | 43   | 274185   | 52.119   | ug/l   | 99       |
| 44) Trichloroethene           | 6.536  | 130  | 130183   | 50.205   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 6.784  | 63   | 134894   | 49.887   | ug/l   | 97       |
| 46) Dibromomethane            | 6.913  | 93   | 92474    | 49.382   | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.099  | 83   | 186337   | 49.728   | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.958  | 41   | 130948   | 54.625   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.028  | 88   | 57935    | 1247.241 | ug/l   | 85       |
| 51) 4-Methyl-2-Pentanone      | 7.790  | 43   | 920355   | 270.313  | ug/l   | 100      |
| 52) Toluene                   | 7.964  | 92   | 325204   | 51.292   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.205  | 75   | 197956   | 50.574   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 7.601  | 75   | 214996   | 51.501   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 8.395  | 97   | 129303   | 49.962   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 8.331  | 69   | 207255   | 49.945   | ug/l   | 100      |
| 57) 1,3-Dichloropropane       | 8.572  | 76   | 225830   | 49.762   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 7.459  | 63   | 32818    | 296.600  | ug/l   | 100      |
| 59) 2-Hexanone                | 8.687  | 43   | 705575   | 269.005  | ug/l   | 99       |
| 60) Dibromochloromethane      | 8.806  | 129  | 142622   | 50.183   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 8.919  | 107  | 138029   | 50.802   | ug/l   | 99       |
| 64) Tetrachloroethene         | 8.549  | 164  | 113412   | 50.379   | ug/l   | 98       |
| 65) Chlorobenzene             | 9.443  | 112  | 340822   | 49.706   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 9.530  | 131  | 127280   | 49.517   | ug/l   | 99       |
| 67) Ethyl Benzene             | 9.565  | 91   | 604349   | 52.155   | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.691  | 106  | 480138   | 106.690  | ug/l   | 100      |
| 69) o-Xylene                  | 10.096 | 106  | 232403   | 54.095   | ug/l   | 98       |
| 70) Styrene                   | 10.112 | 104  | 392952   | 50.106   | ug/l   | 99       |
| 71) Bromoform                 | 10.289 | 173  | 111039   | 51.725   | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.482 | 105  | 606916   | 52.824   | ug/l   | 100      |
| 74) N-amyl acetate            | 10.318 | 43   | 238213   | 54.424   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 10.781 | 83   | 217045   | 47.682   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 10.822 | 75   | 240993   | 50.637   | ug/l   | 99       |
| 77) Bromobenzene              | 10.777 | 156  | 149880   | 50.440   | ug/l   | 97       |
| 78) n-propylbenzene           | 10.903 | 91   | 721508   | 53.396   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.983 | 91   | 433160   | 51.877   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.083 | 105  | 515325   | 53.992   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 10.543 | 75   | 62024    | 50.642   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.092 | 91   | 500376   | 52.576   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.417 | 119  | 517107   | 52.785   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 11.462 | 105  | 514128   | 54.270   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.639 | 105  | 649896   | 54.195   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.790 | 119  | 550332   | 53.970   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.742 | 146  | 284276   | 50.188   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 11.832 | 146  | 285759   | 49.067   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.205 | 91   | 458439   | 46.416   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.472 | 117  | 94079    | 48.090   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.208 | 146  | 284859   | 49.870   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.993 | 75   | 46267    | 48.986   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.835 | 180  | 173999   | 52.157   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 14.018 | 225  | 88434    | 47.824   | ug/l   | 99       |
| 95) Naphthalene               | 14.083 | 128  | 530758   | 48.013   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 14.324 | 180  | 173491   | 52.385   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011923\  
Data File : VU052749.D  
Acq On : 19 Jan 2023 20:41  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

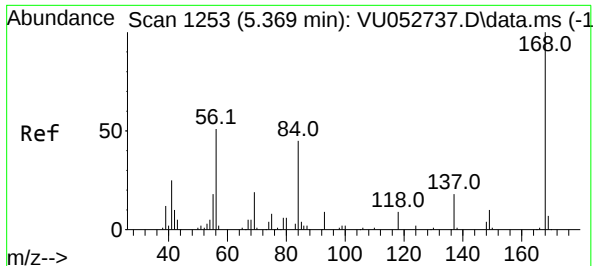
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 15:18:06 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U011923W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 20 01:04:16 2023  
Response via : Initial Calibration

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

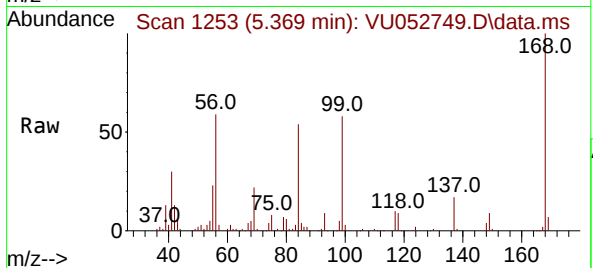
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.369 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

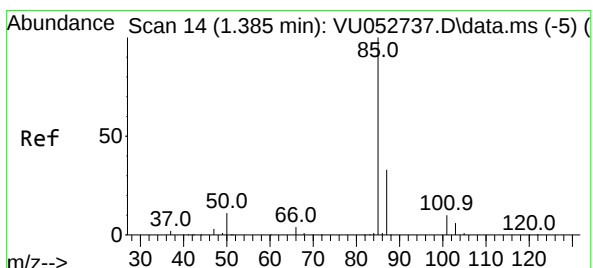
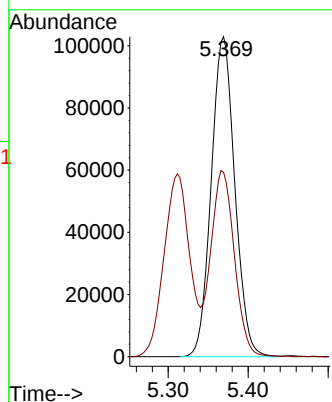
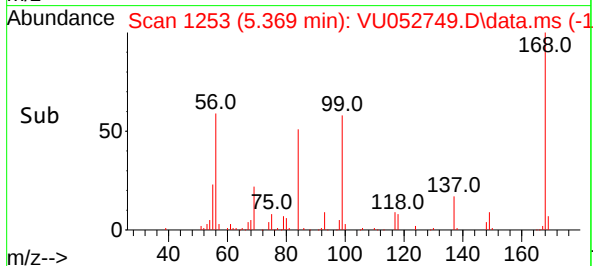
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 210730  
Ion Ratio Lower Upper  
168 100  
99 57.5 46.4 69.6

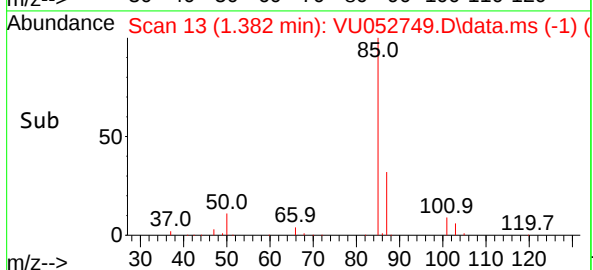
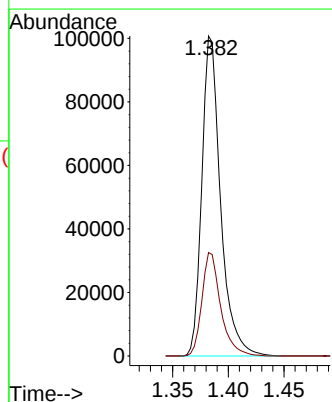
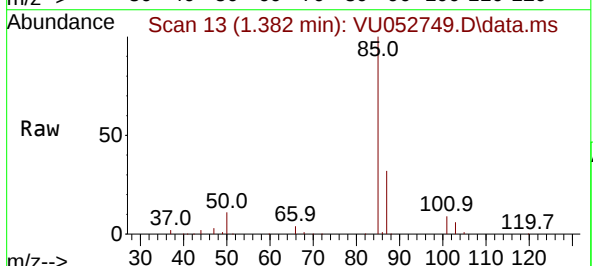
Manual Integrations  
APPROVED

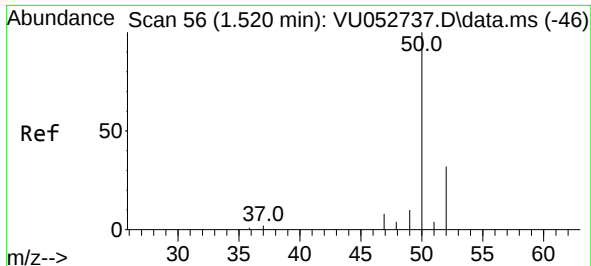
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#2  
Dichlorodifluoromethane  
Concen: 47.469 ug/l  
RT: 1.382 min Scan# 13  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 85 Resp: 117958  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.6 49.7





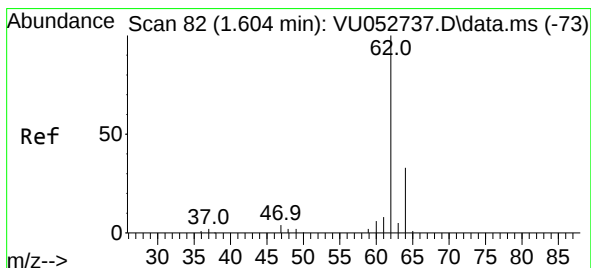
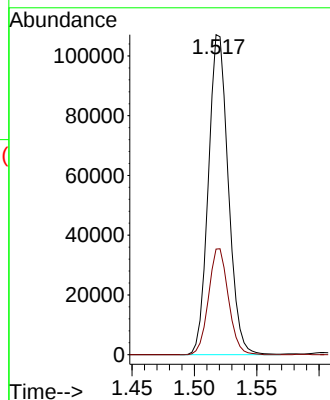
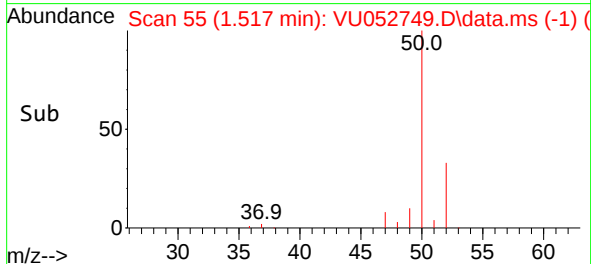
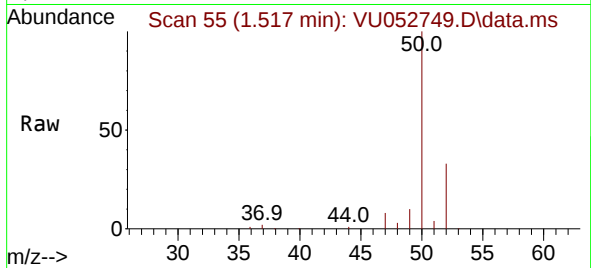
#3  
Chloromethane  
Concen: 46.717 ug/l  
RT: 1.517 min Scan# 50  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 50 Resp: 119249  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.8 38.6

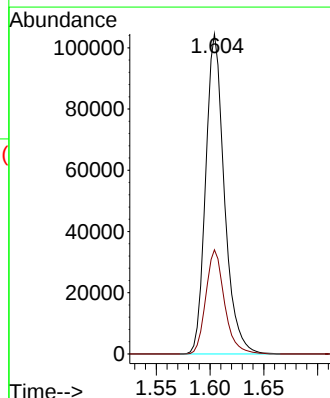
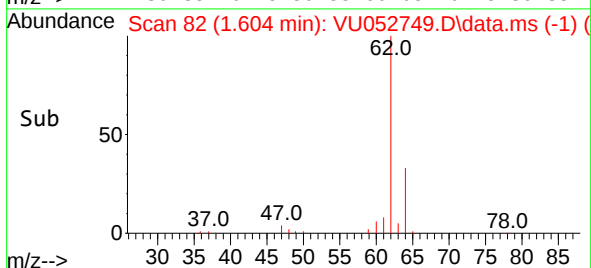
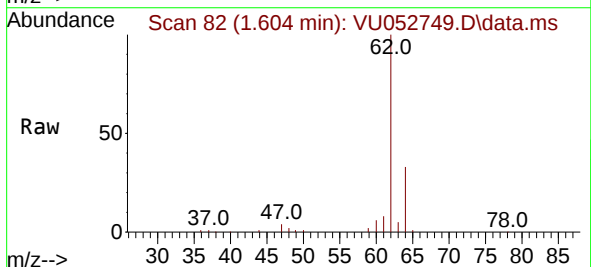
Manual Integrations  
APPROVED

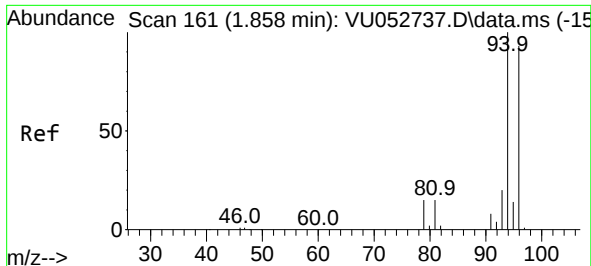
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#4  
Vinyl Chloride  
Concen: 49.636 ug/l  
RT: 1.604 min Scan# 82  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

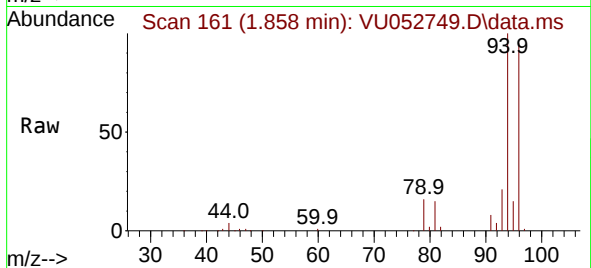
Tgt Ion: 62 Resp: 126362  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.1 39.1





#5  
Bromomethane  
Concen: 50.138 ug/l  
RT: 1.858 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

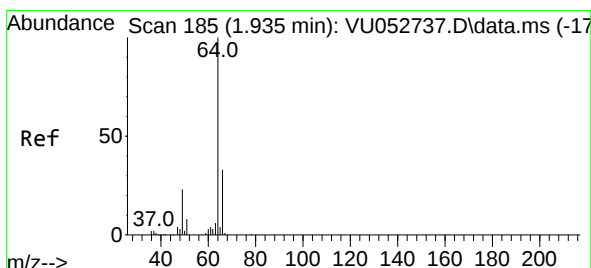
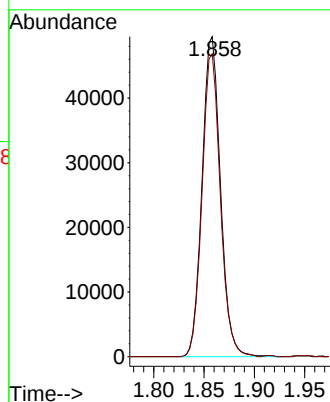
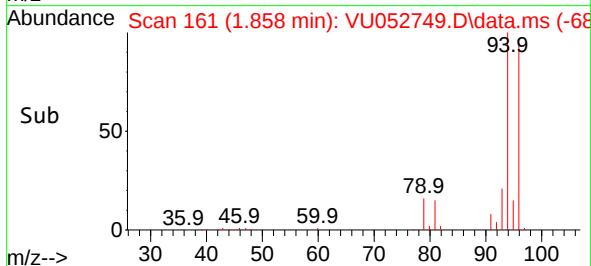
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 94 Resp: 63012  
Ion Ratio Lower Upper  
94 100  
96 94.7 74.3 111.5

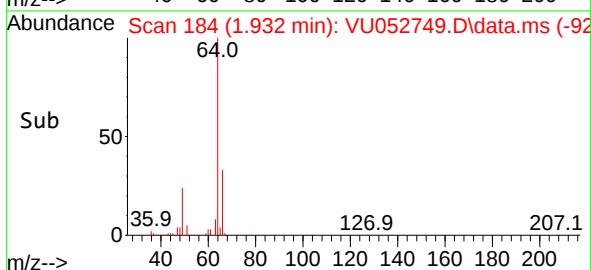
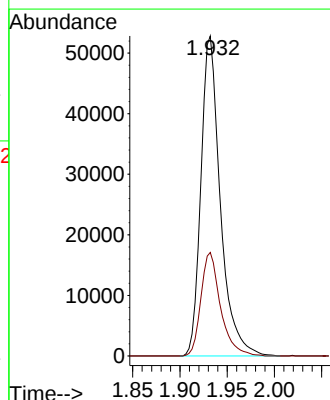
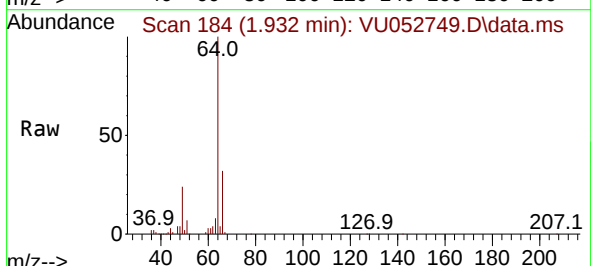
Manual Integrations  
APPROVED

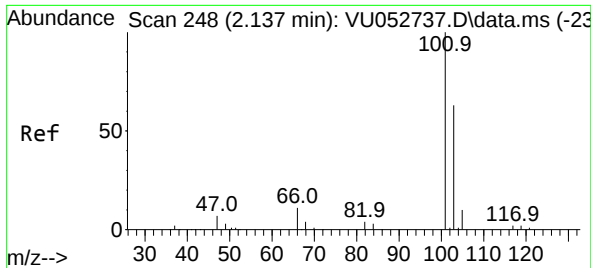
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#6  
Chloroethane  
Concen: 46.829 ug/l  
RT: 1.932 min Scan# 184  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

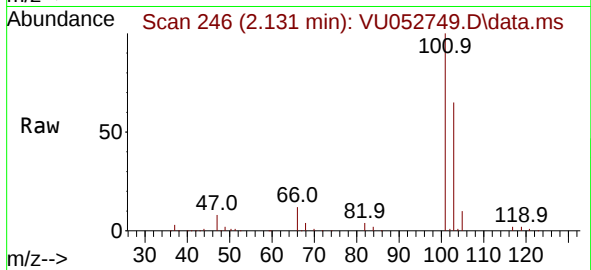
Tgt Ion: 64 Resp: 75361  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.1 39.1





#7  
 Trichlorofluoromethane  
 Concen: 48.006 ug/l  
 RT: 2.131 min Scan# 248  
 Delta R.T. -0.006 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

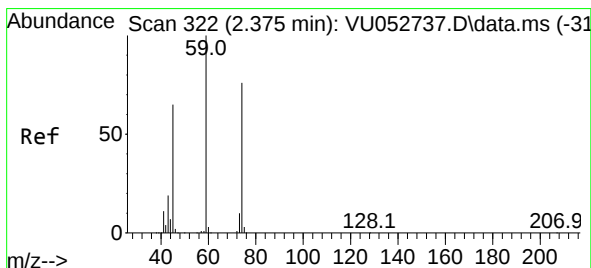
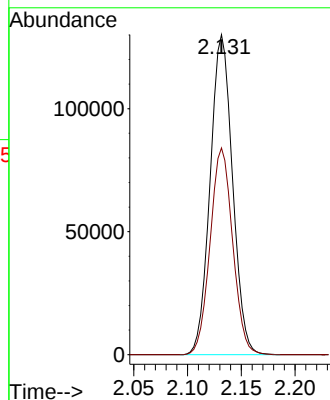
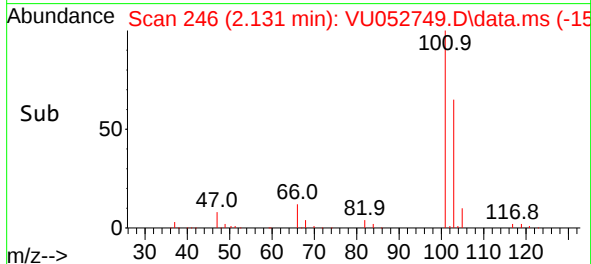
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC



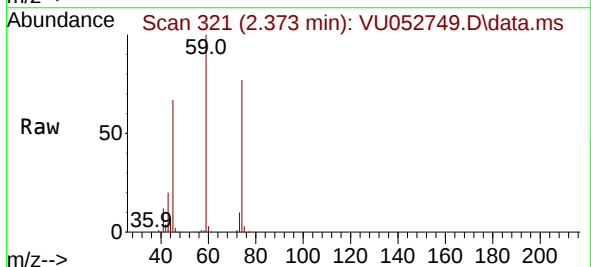
Tgt Ion:101 Resp: 18815  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 50.7 76.1

Manual Integrations  
 APPROVED

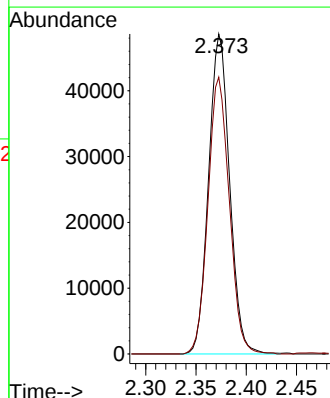
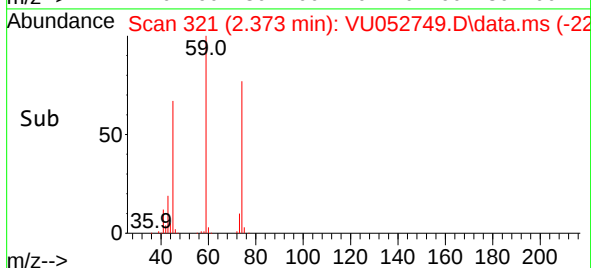
Reviewed By :John Carlone 01/20/2023  
 Supervised By :Mahesh Dadoda 01/20/2023

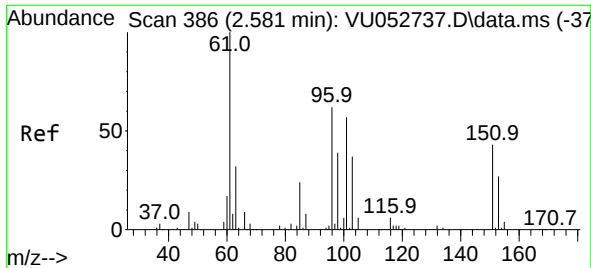


#8  
 Diethyl Ether  
 Concen: 49.578 ug/l  
 RT: 2.373 min Scan# 321  
 Delta R.T. -0.003 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41



Tgt Ion: 74 Resp: 70733  
 Ion Ratio Lower Upper  
 74 100  
 45 87.9 42.4 127.3





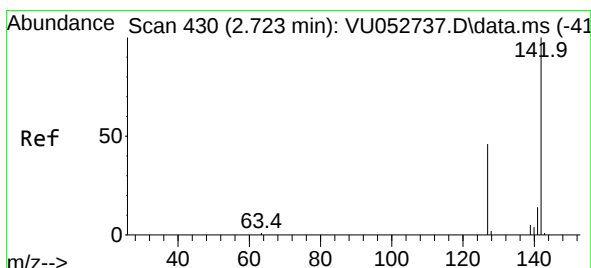
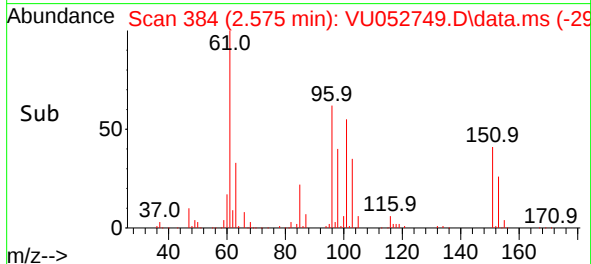
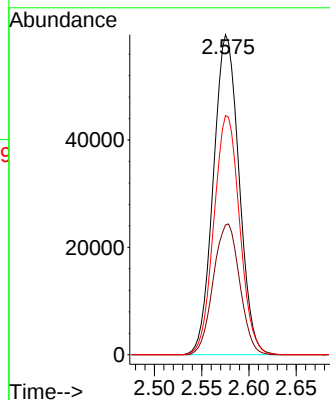
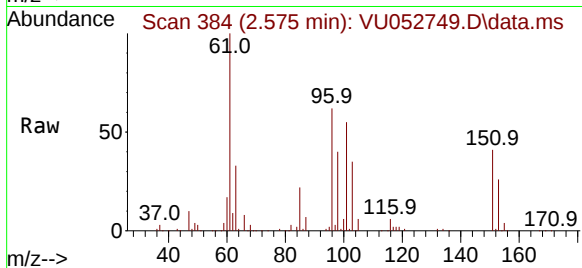
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.634 ug/l  
RT: 2.575 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 112494  
Ion Ratio Lower Upper  
101 100  
85 42.0 35.1 52.7  
151 75.2 61.9 92.9

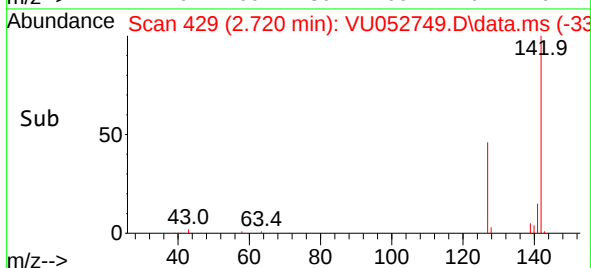
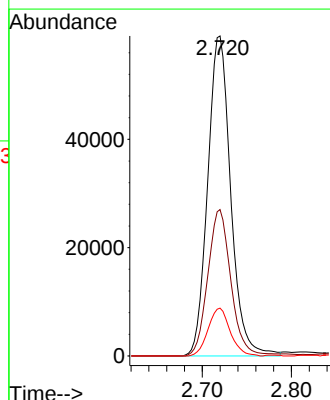
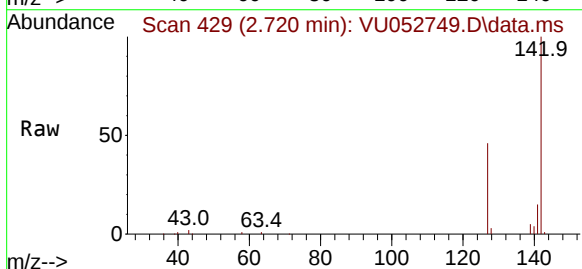
Manual Integrations  
APPROVED

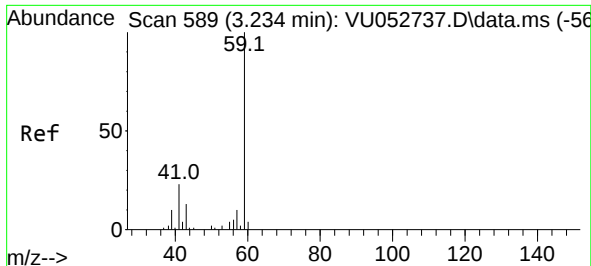
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#10  
Methyl Iodide  
Concen: 52.159 ug/l  
RT: 2.720 min Scan# 429  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

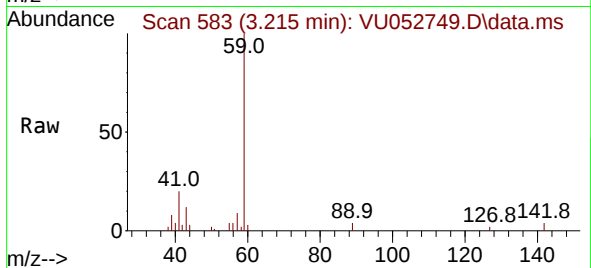
Tgt Ion:142 Resp: 106170  
Ion Ratio Lower Upper  
142 100  
127 45.8 36.3 54.5  
141 14.3 11.8 17.6





#11  
Tert butyl alcohol  
Concen: 30.845 ug/l  
RT: 3.215 min Scan# 589  
Delta R.T. -0.019 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

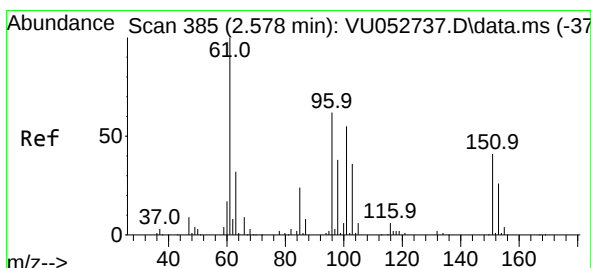
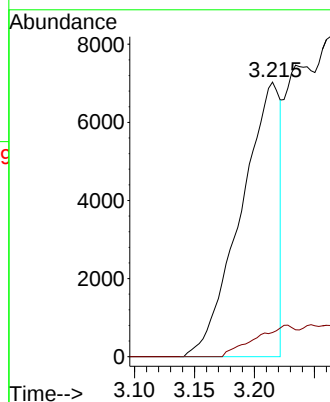
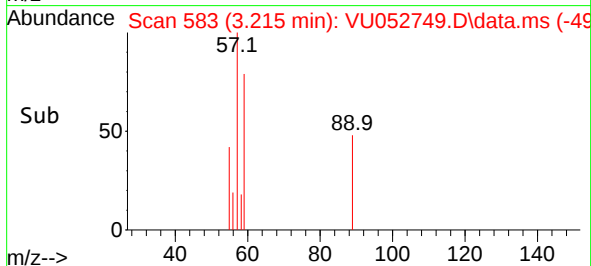
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 59 Resp: 1595  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.6

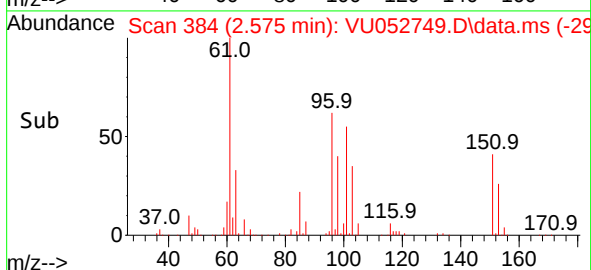
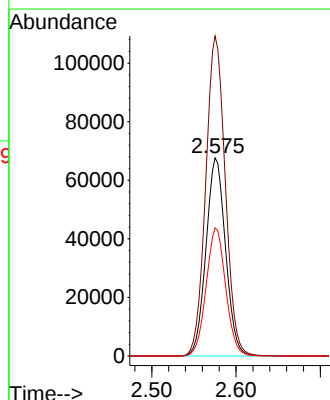
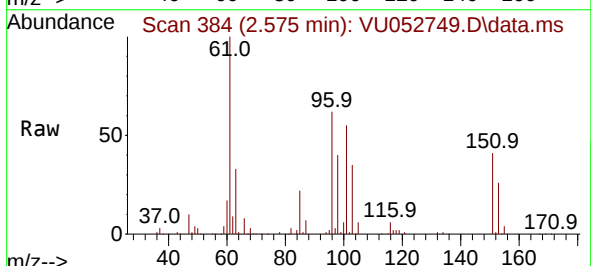
Manual Integrations  
APPROVED

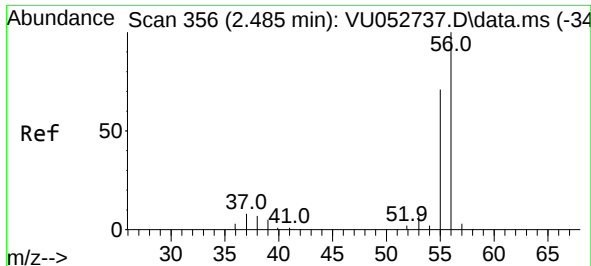
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#12  
1,1-Dichloroethene  
Concen: 48.797 ug/l  
RT: 2.575 min Scan# 384  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

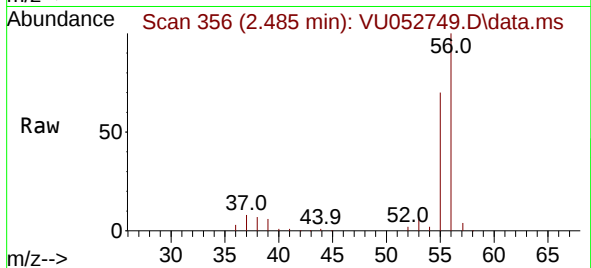
Tgt Ion: 96 Resp: 109382  
Ion Ratio Lower Upper  
96 100  
61 161.5 129.8 194.6  
98 64.7 49.9 74.9





#13  
Acrolein  
Concen: 251.806 ug/l  
RT: 2.485 min Scan# 356  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

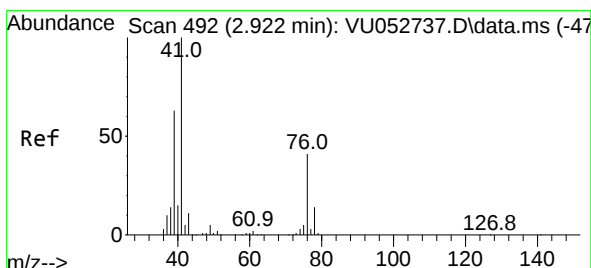
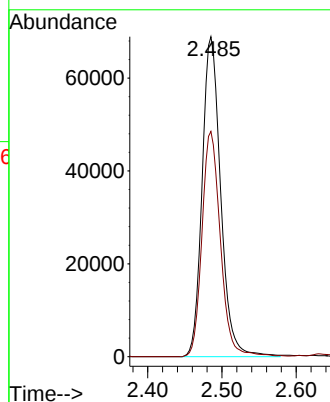
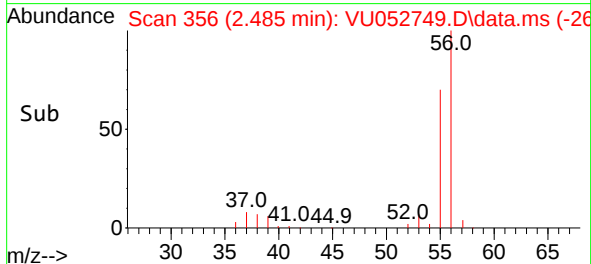
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 119694  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.2 85.8

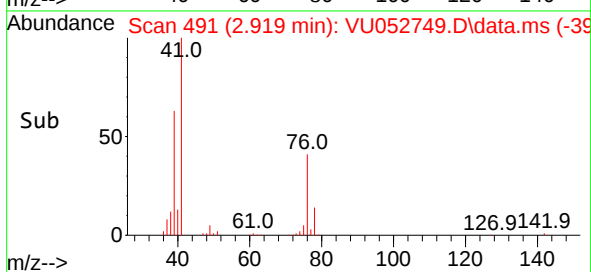
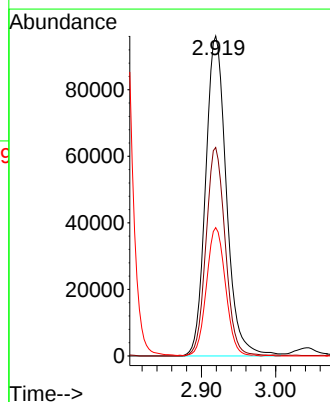
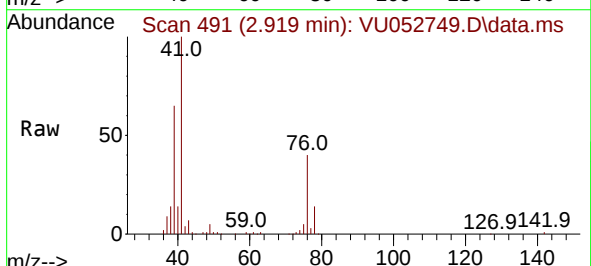
Manual Integrations  
APPROVED

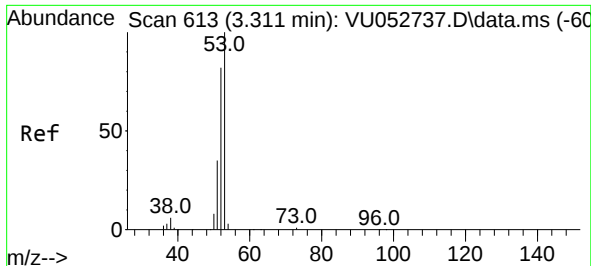
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#14  
Allyl chloride  
Concen: 52.979 ug/l  
RT: 2.919 min Scan# 491  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

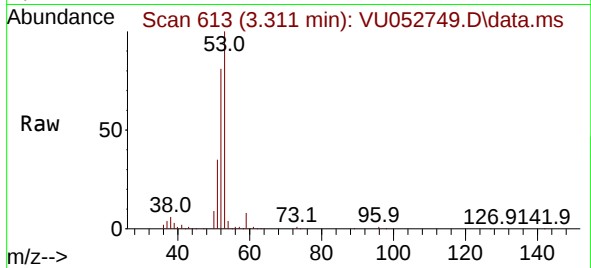
Tgt Ion: 41 Resp: 187053  
Ion Ratio Lower Upper  
41 100  
39 60.2 48.2 72.2  
76 36.8 29.4 44.0





#15  
Acrylonitrile  
Concen: 260.410 ug/l  
RT: 3.311 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

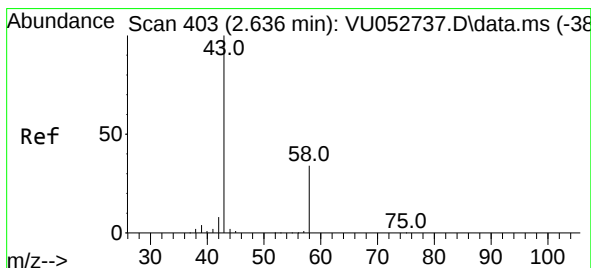
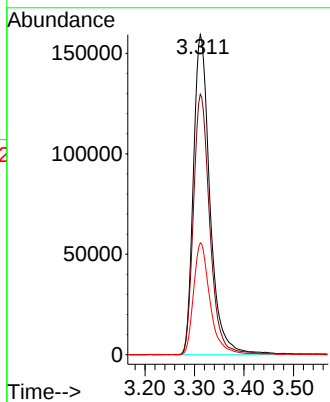
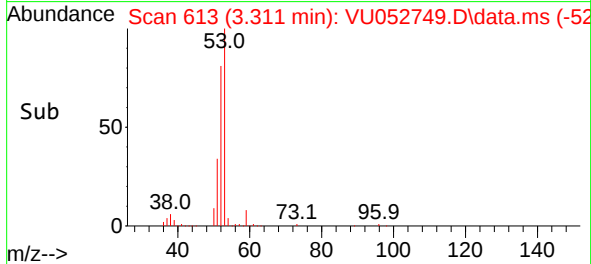
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



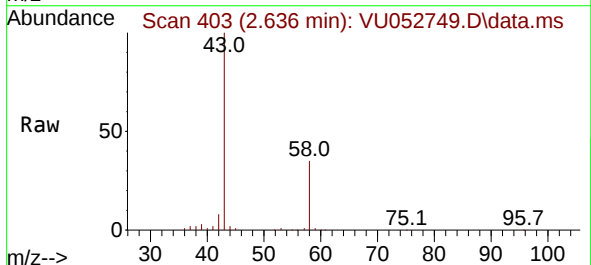
Tgt Ion: 53 Resp: 37157  
Ion Ratio Lower Upper  
53 100  
52 80.3 64.9 97.3  
51 34.9 27.6 41.4

Manual Integrations  
APPROVED

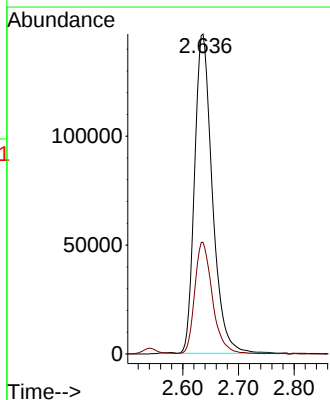
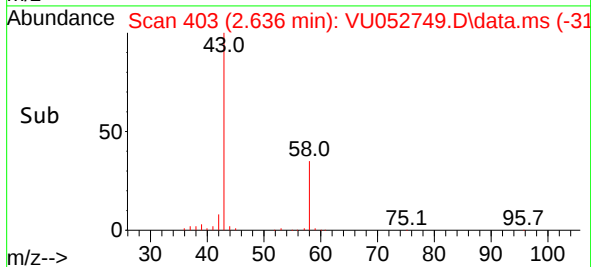
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

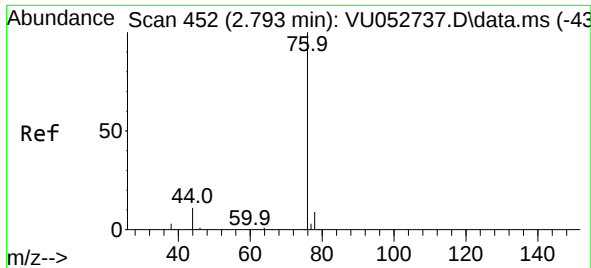


#16  
Acetone  
Concen: 225.084 ug/l  
RT: 2.636 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



Tgt Ion: 43 Resp: 325578  
Ion Ratio Lower Upper  
43 100  
58 34.8 27.1 40.7





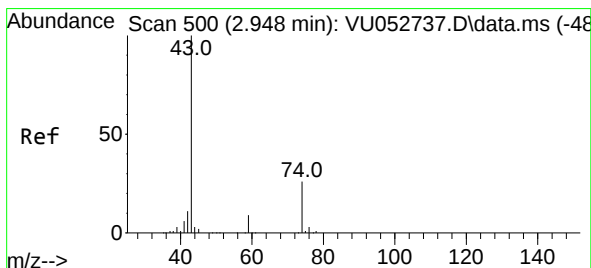
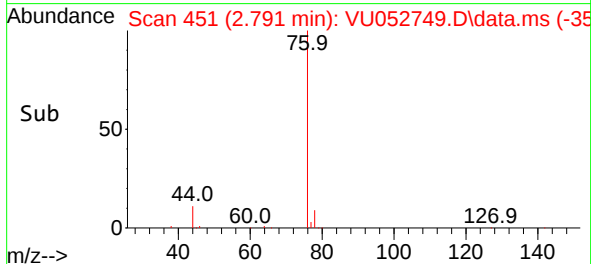
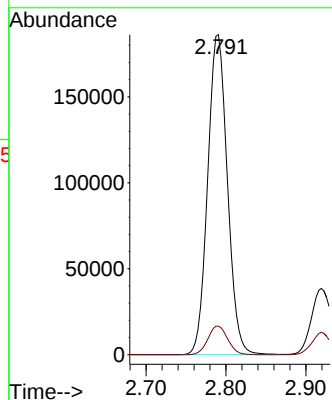
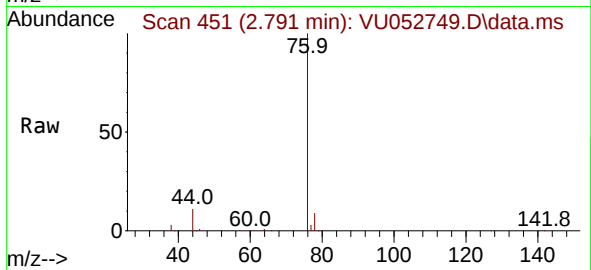
#17  
Carbon Disulfide  
Concen: 47.519 ug/l  
RT: 2.791 min Scan# 415  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 31915  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2

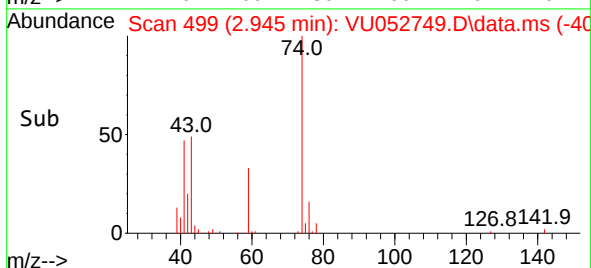
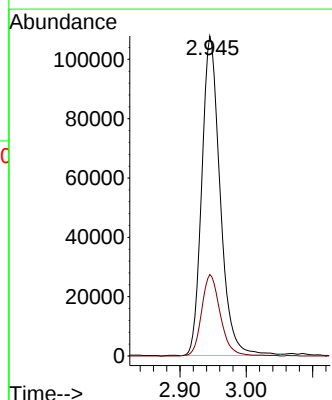
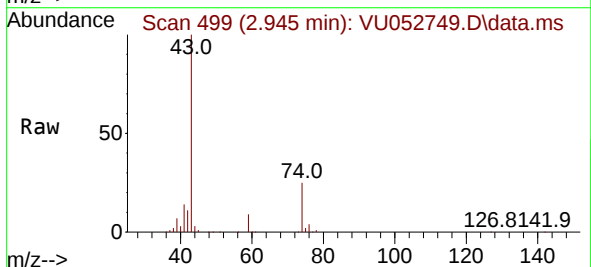
Manual Integrations  
APPROVED

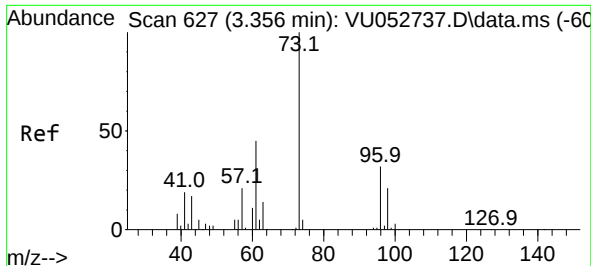
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#18  
Methyl Acetate  
Concen: 51.666 ug/l  
RT: 2.945 min Scan# 499  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 43 Resp: 206834  
Ion Ratio Lower Upper  
43 100  
74 25.8 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 52.955 ug/l

RT: 3.356 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 40215

Ion Ratio Lower Upper

73 100

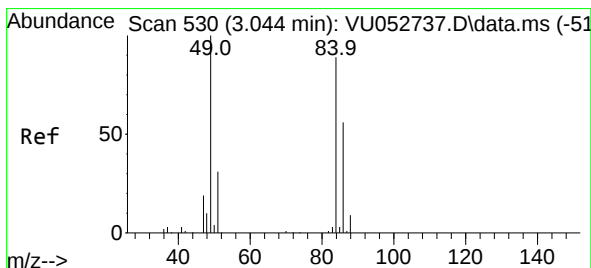
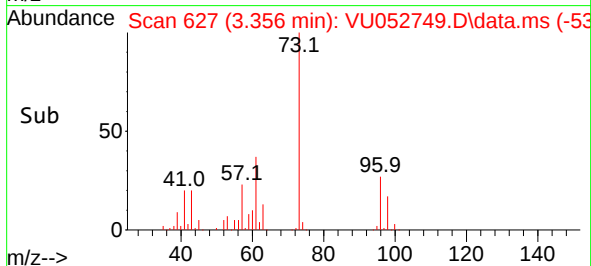
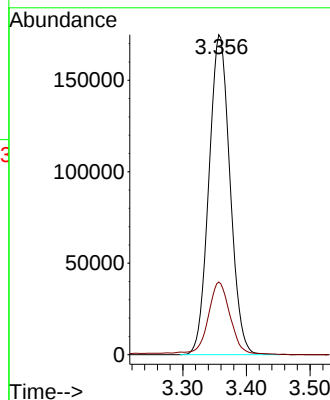
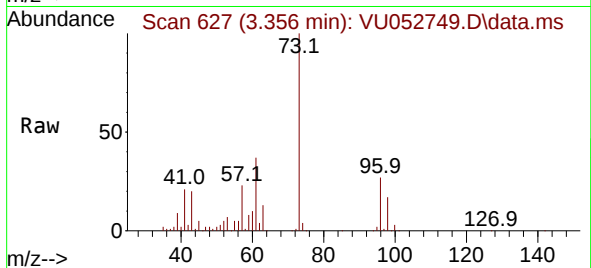
57 22.6 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#20

Methylene Chloride

Concen: 52.733 ug/l

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion: 84 Resp: 135628

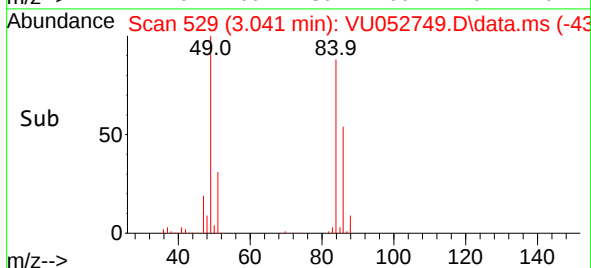
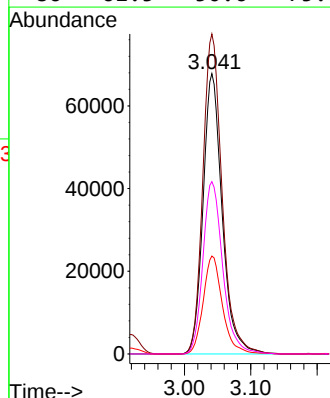
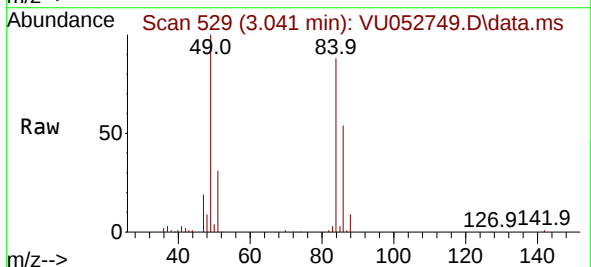
Ion Ratio Lower Upper

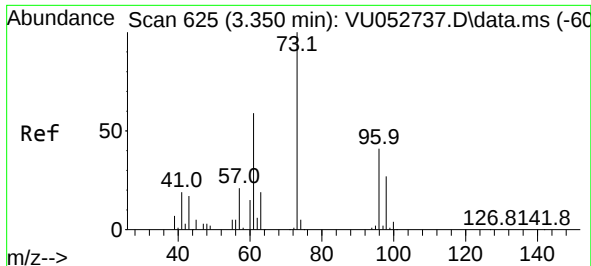
84 100

49 114.2 90.2 135.4

51 34.9 28.1 42.1

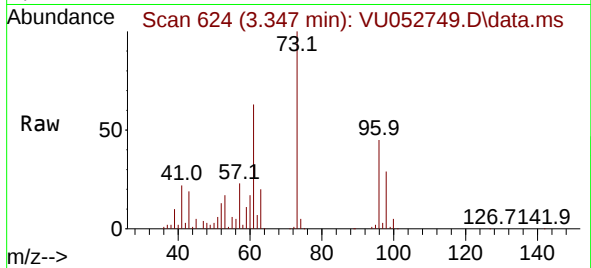
86 61.5 50.6 75.8





#21  
trans-1,2-Dichloroethene  
Concen: 50.762 ug/l  
RT: 3.347 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

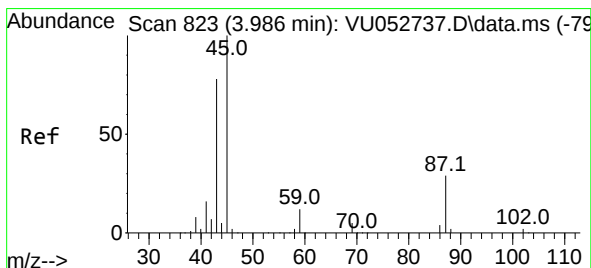
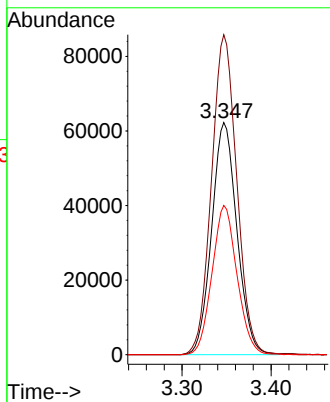
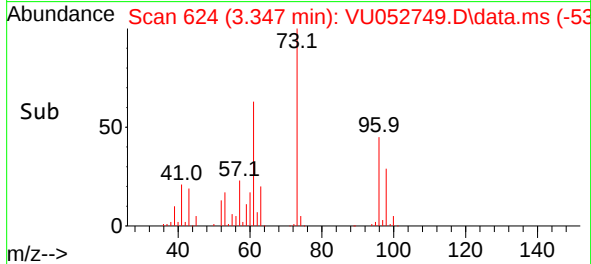
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 122660  
Ion Ratio Lower Upper  
96 100  
61 137.8 114.7 172.1  
98 64.3 52.4 78.6

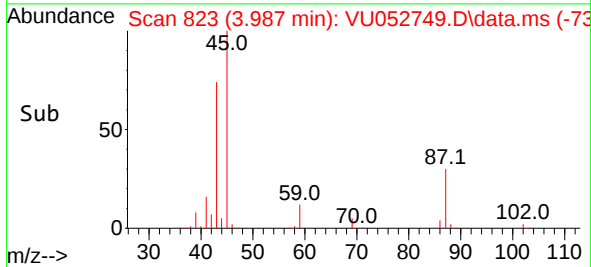
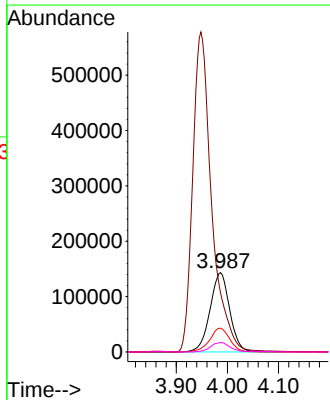
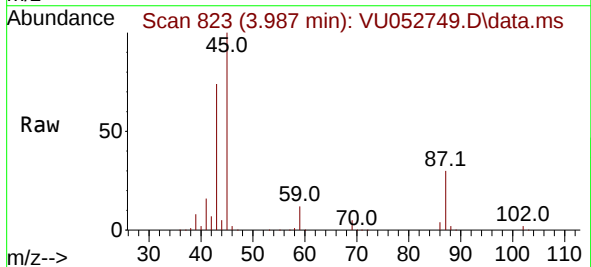
Manual Integrations  
APPROVED

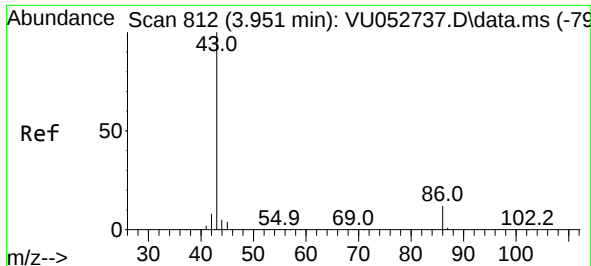
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#22  
Diisopropyl ether  
Concen: 52.112 ug/l  
RT: 3.987 min Scan# 823  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 45 Resp: 382631  
Ion Ratio Lower Upper  
45 100  
43 73.6 64.6 97.0  
87 29.9 23.2 34.8  
59 11.9 9.5 14.3





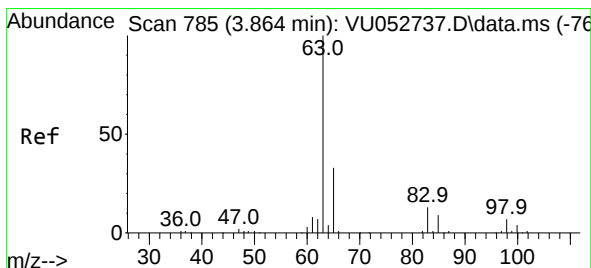
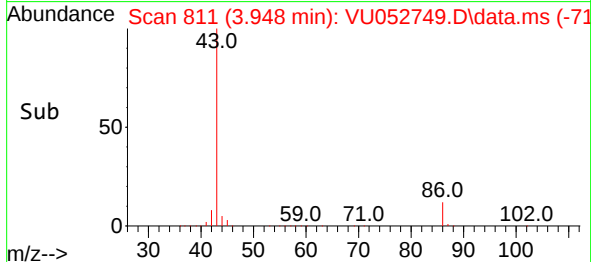
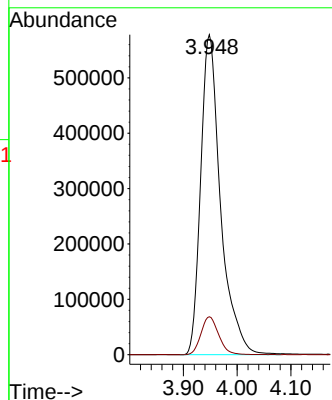
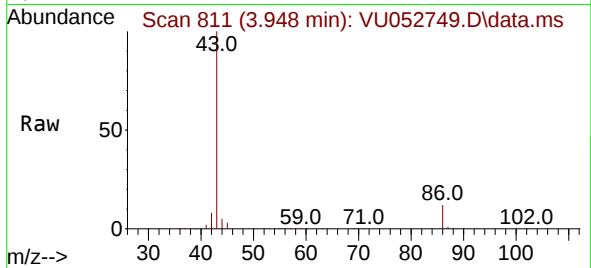
#23  
 Vinyl Acetate  
 Concen: 263.734 ug/l  
 RT: 3.948 min Scan# 811  
 Delta R.T. -0.003 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 148584  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 9.4 14.0

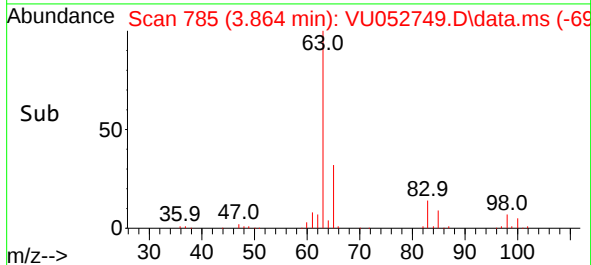
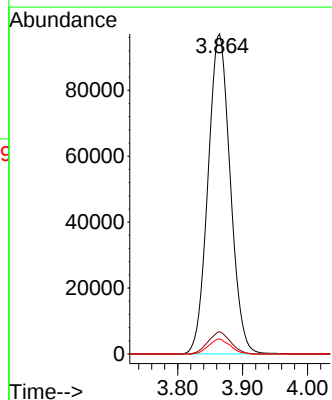
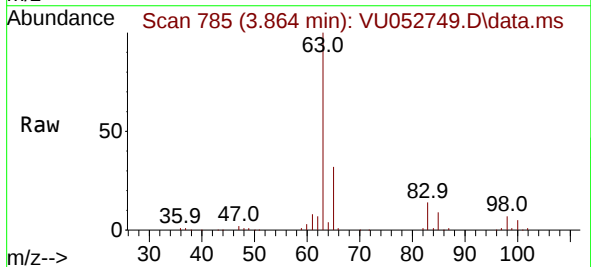
Manual Integrations  
 APPROVED

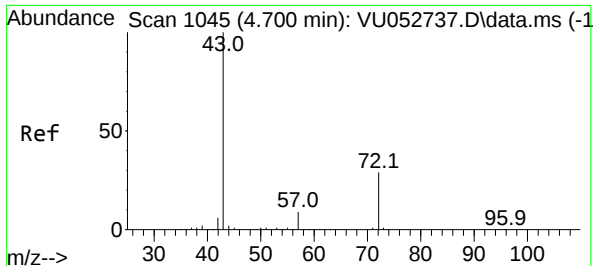
Reviewed By :John Carlone 01/20/2023  
 Supervised By :Mahesh Dadoda 01/20/2023



#24  
 1,1-Dichloroethane  
 Concen: 49.599 ug/l  
 RT: 3.864 min Scan# 785  
 Delta R.T. 0.000 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

Tgt Ion: 63 Resp: 230979  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.6 10.9  
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 255.547 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 47672

Ion Ratio Lower Upper

43 100

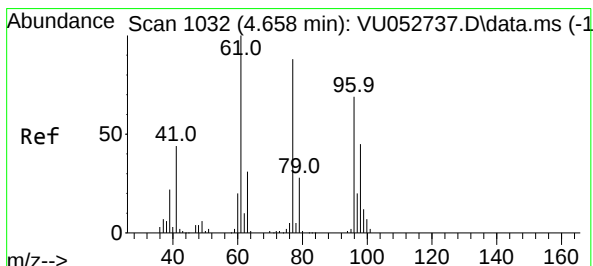
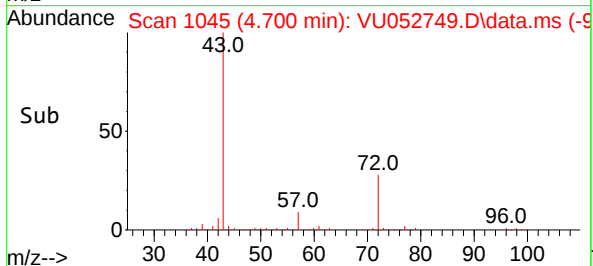
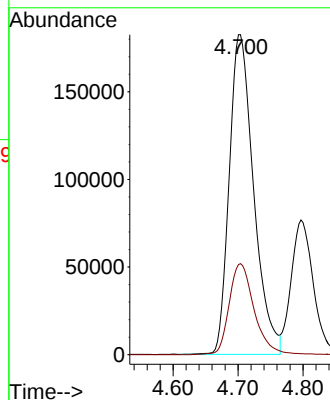
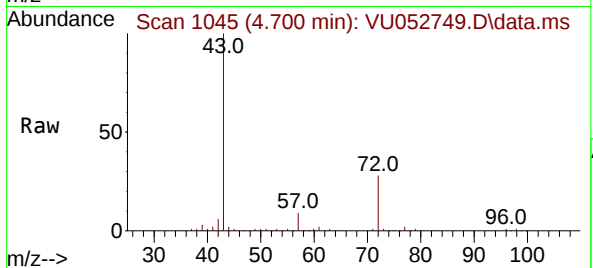
72 28.2 23.3 34.9

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#26

2,2-Dichloropropane

Concen: 48.589 ug/l

RT: 4.659 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052749.D

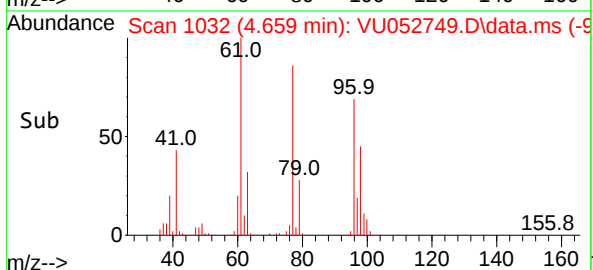
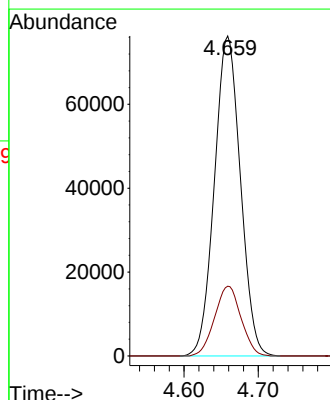
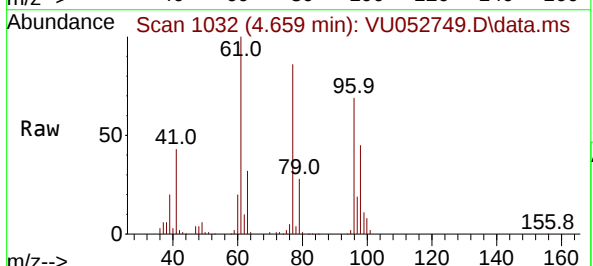
Acq: 19 Jan 2023 20:41

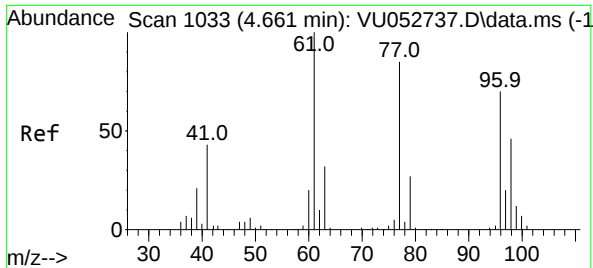
Tgt Ion: 77 Resp: 185627

Ion Ratio Lower Upper

77 100

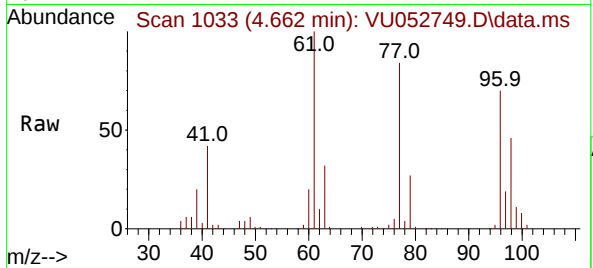
97 22.2 11.3 33.8





#27  
 cis-1,2-Dichloroethene  
 Concen: 52.541 ug/l  
 RT: 4.662 min Scan# 1033  
 Delta R.T. 0.000 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

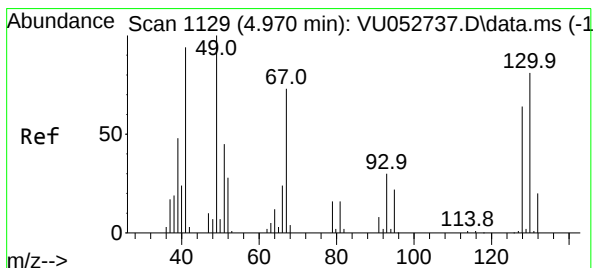
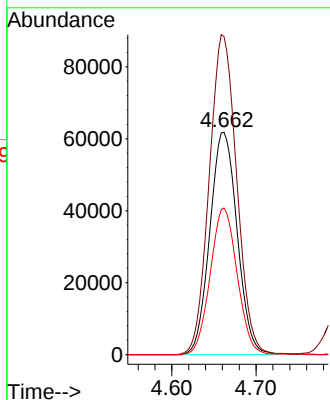
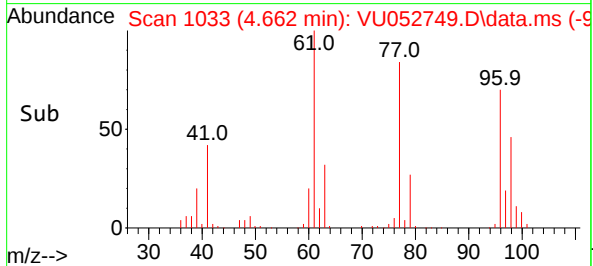
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC



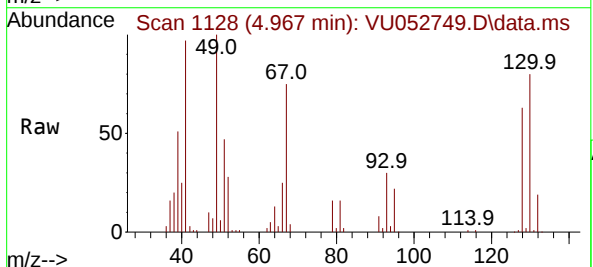
Tgt Ion: 96 Resp: 13936  
 Ion Ratio Lower Upper  
 96 100  
 61 144.6 0.0 287.2  
 98 65.0 0.0 128.4

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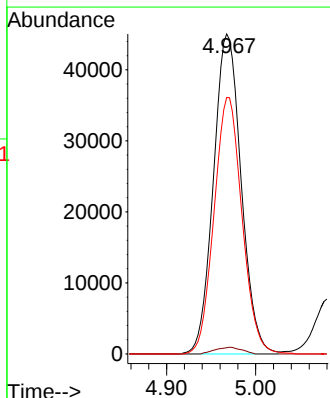
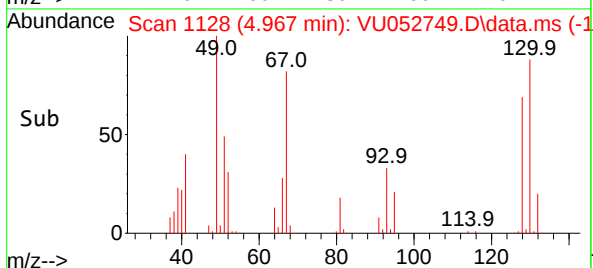
Reviewed By :John Carlone 01/20/2023  
 Supervised By :Mahesh Dadoda 01/20/2023

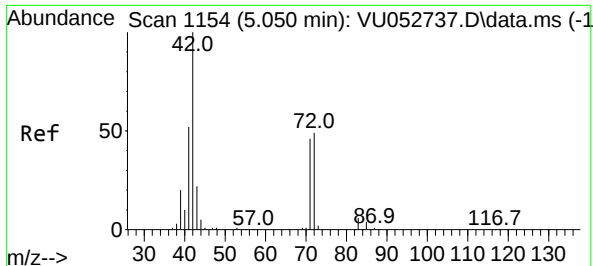


#28  
 Bromochloromethane  
 Concen: 50.142 ug/l  
 RT: 4.967 min Scan# 1128  
 Delta R.T. -0.003 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41



Tgt Ion: 49 Resp: 97468  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.6  
 130 80.8 65.5 98.3





#29

Tetrahydrofuran

Concen: 271.767 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 294302

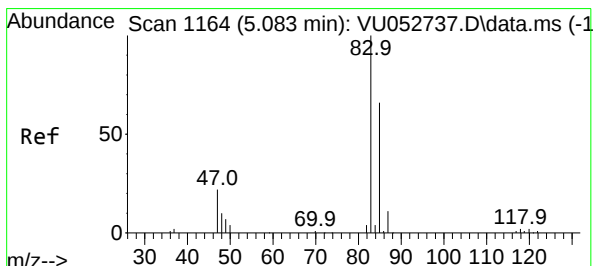
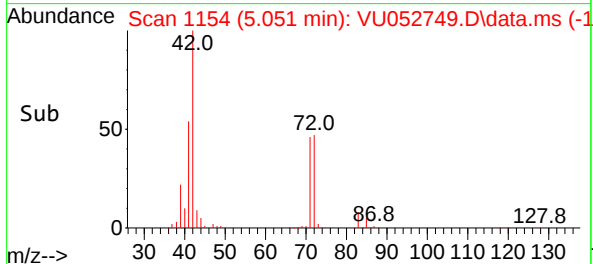
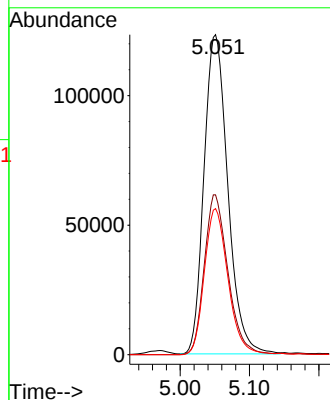
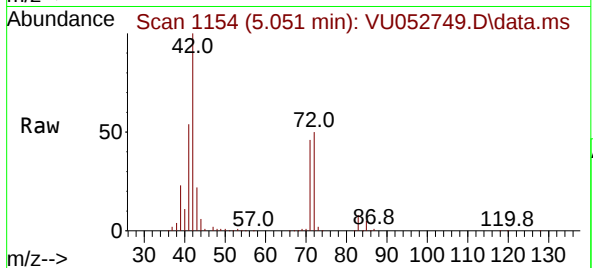
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 49.7  | 40.5  | 60.7  |
| 71  | 45.4  | 37.4  | 56.0  |

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 47.491 ug/l

RT: 5.083 min Scan# 1164

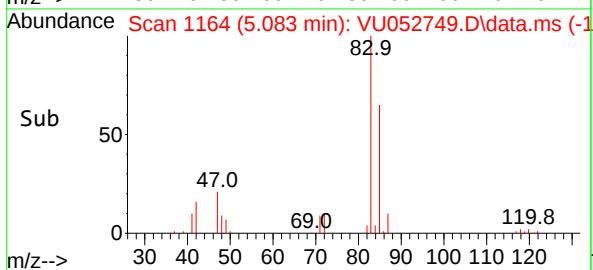
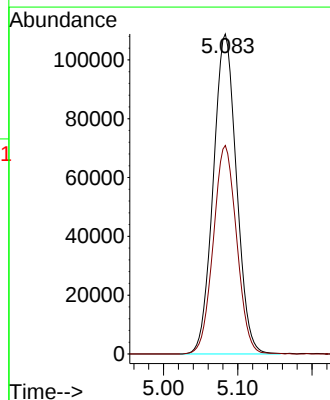
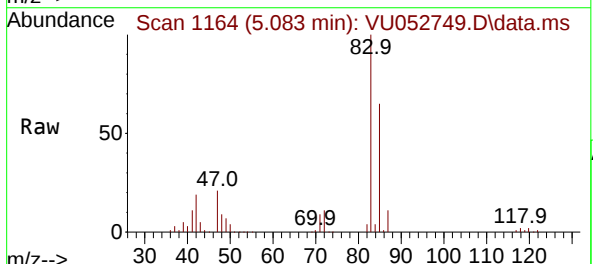
Delta R.T. 0.001 min

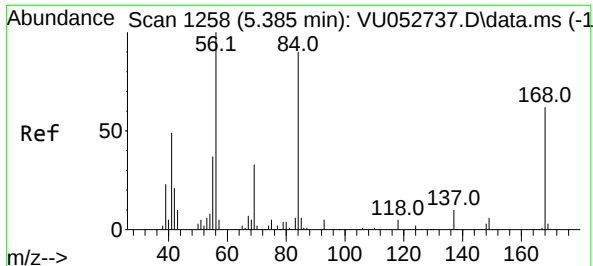
Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion: 83 Resp: 236407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.1  | 52.6  | 79.0  |





#31

Cyclohexane

Concen: 48.527 ug/l

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 206370

Ion Ratio Lower Upper

56 100

69 34.9 26.2 39.2

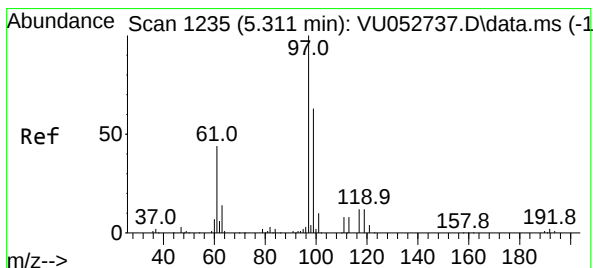
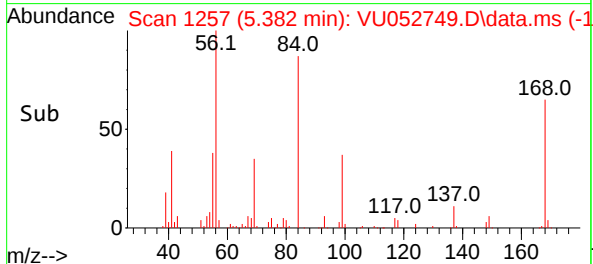
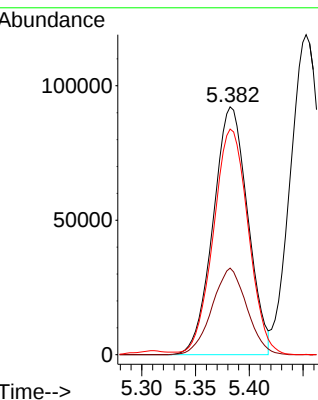
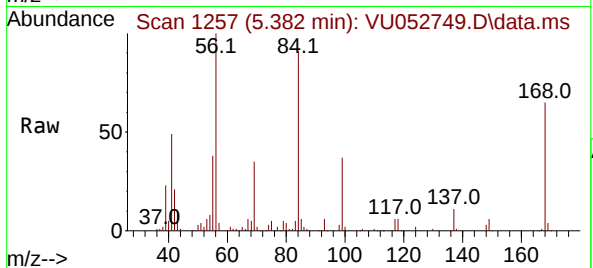
84 90.0 72.2 108.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#32

1,1,1-Trichloroethane

Concen: 50.323 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

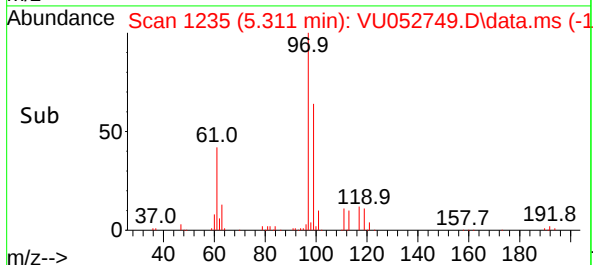
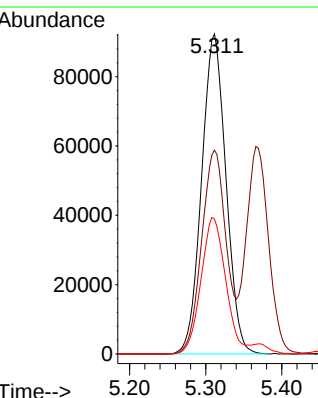
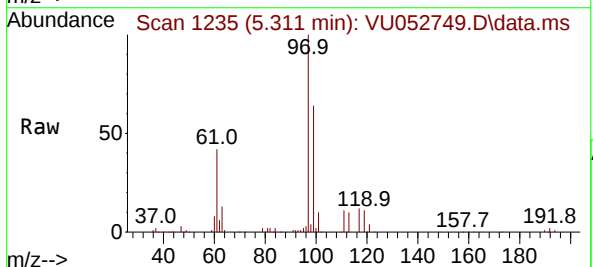
Tgt Ion: 97 Resp: 205184

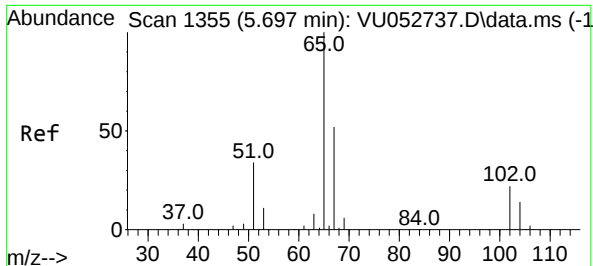
Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.698 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15083

Ion Ratio Lower Upper

65 100

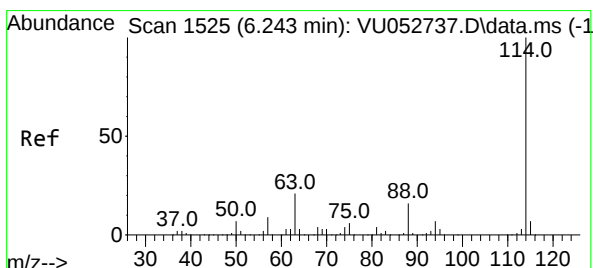
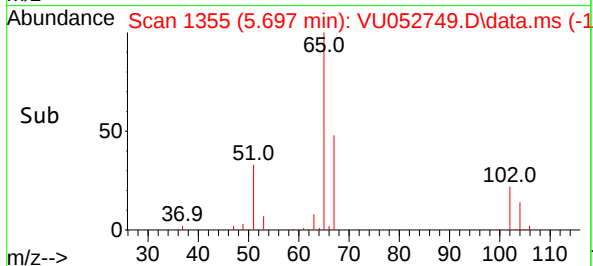
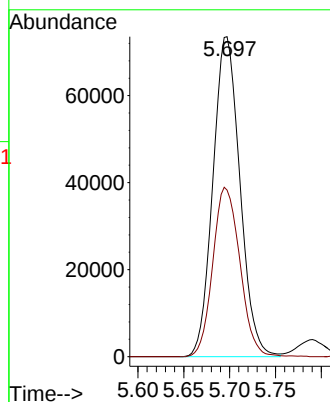
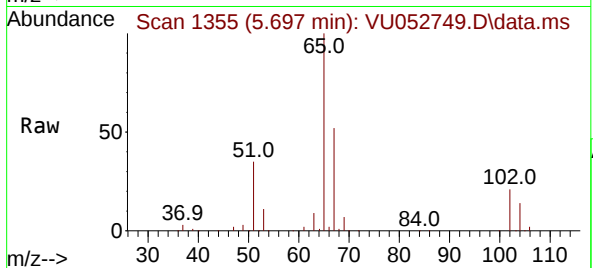
67 53.0 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.244 min Scan# 1525

Delta R.T. 0.001 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

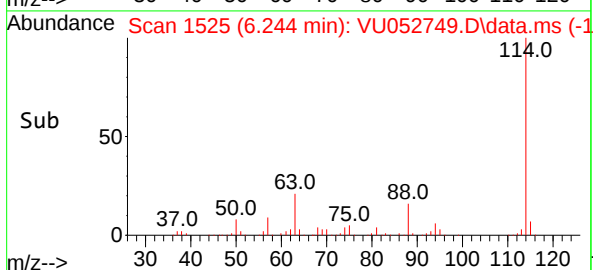
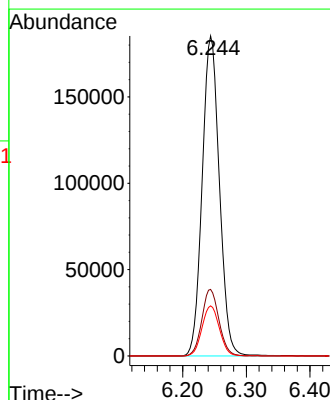
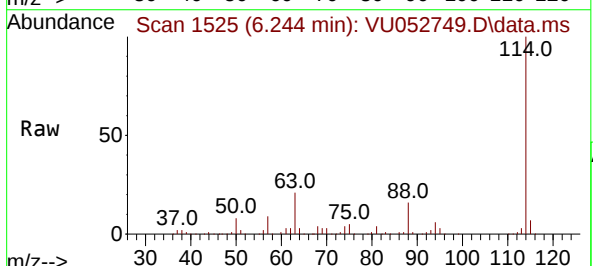
Tgt Ion:114 Resp: 347515

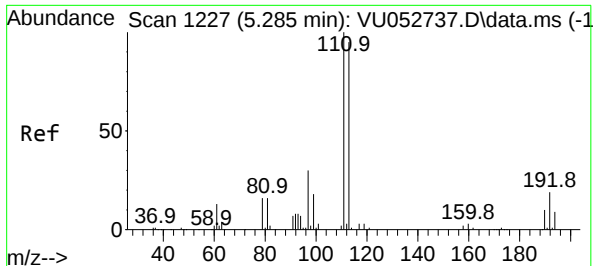
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

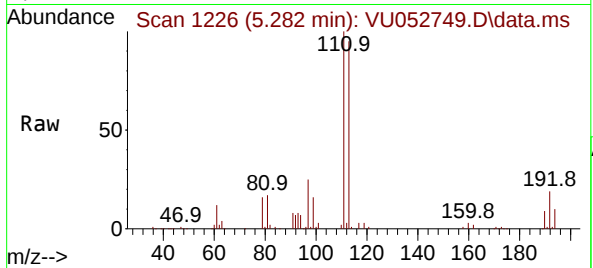
88 15.6 0.0 32.8





#35  
Dibromofluoromethane  
Concen: 48.716 ug/l  
RT: 5.282 min Scan# 1113  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

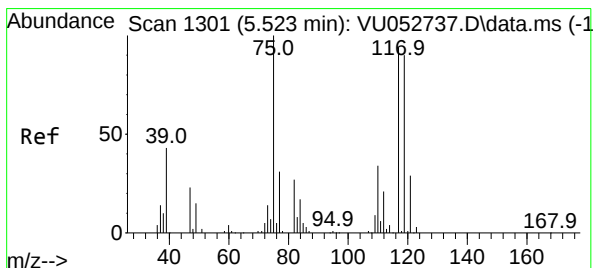
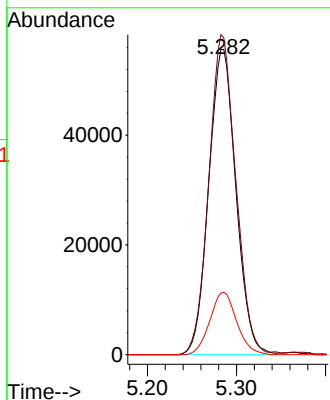
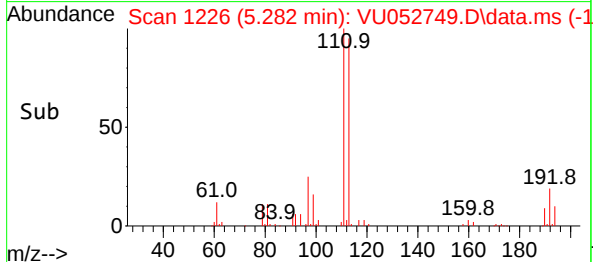
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:113 Resp: 11788  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.2 121.8  
192 20.2 15.7 23.5

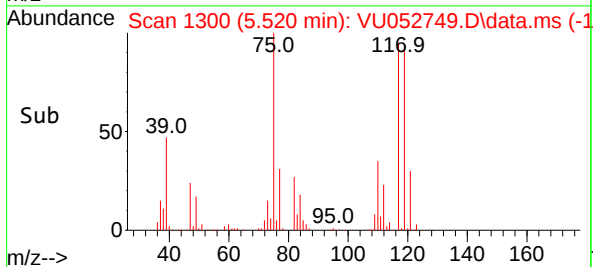
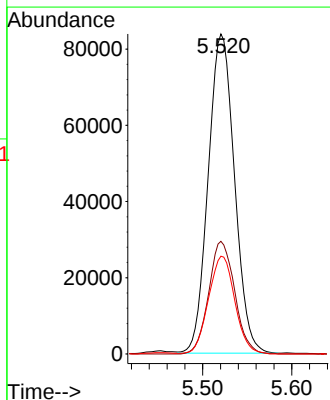
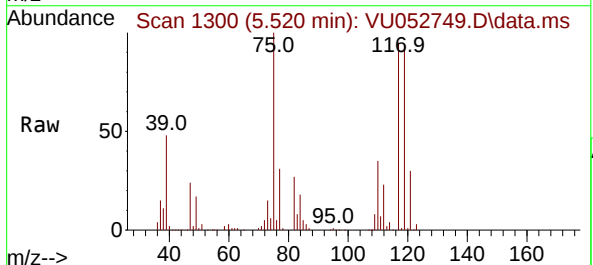
Manual Integrations  
APPROVED

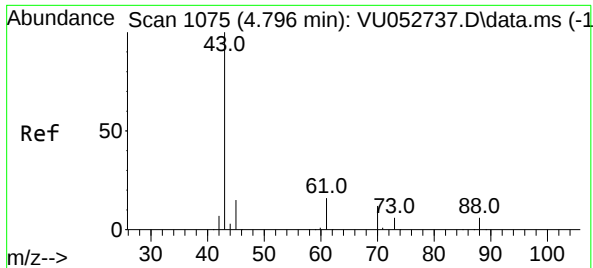
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#36  
1,1-Dichloropropene  
Concen: 49.537 ug/l  
RT: 5.520 min Scan# 1300  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 75 Resp: 171988  
Ion Ratio Lower Upper  
75 100  
110 34.9 17.1 51.2  
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 47.981 ug/l

RT: 4.797 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 181088

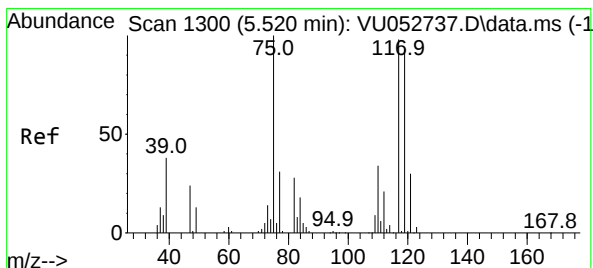
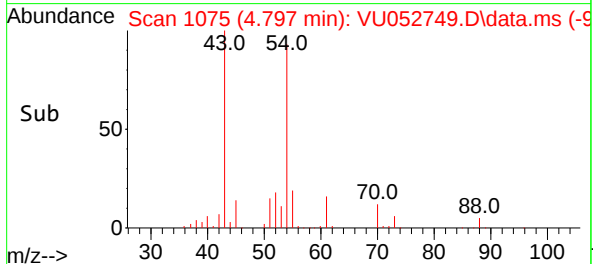
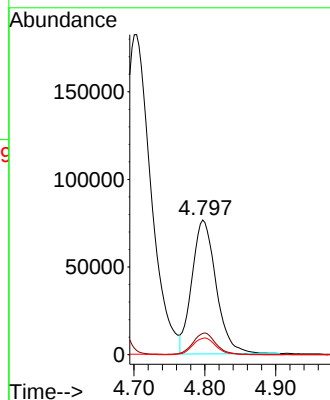
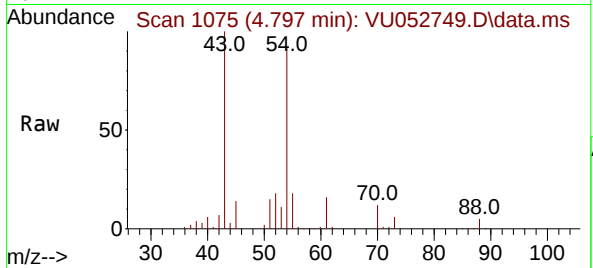
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.1  | 12.2  | 18.4  |
| 70  | 11.9  | 8.9   | 13.3  |

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#38

Carbon Tetrachloride

Concen: 48.832 ug/l

RT: 5.520 min Scan# 1300

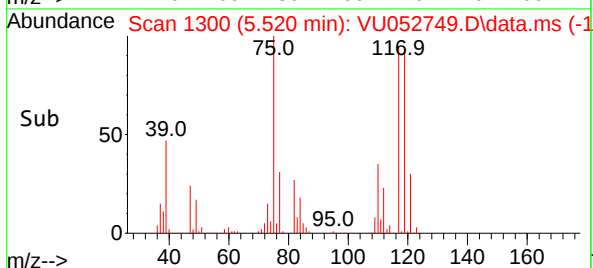
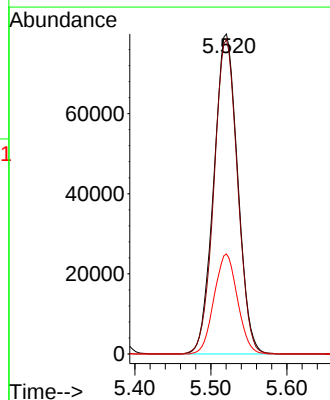
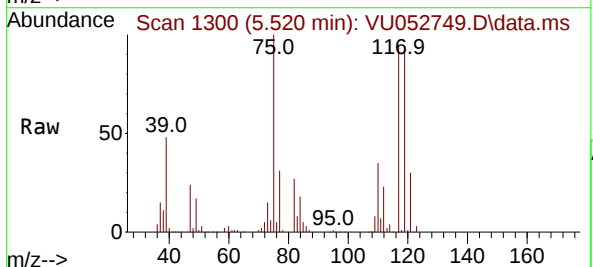
Delta R.T. 0.001 min

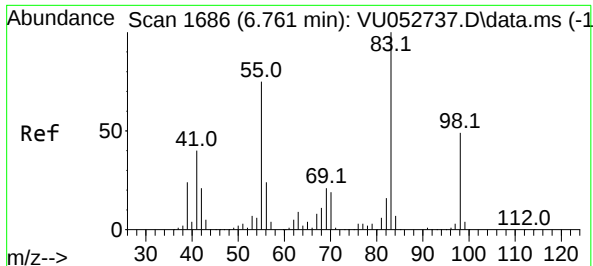
Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion:117 Resp: 174426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.3  | 75.6  | 113.4 |
| 121 | 31.3  | 24.2  | 36.4  |





#39

Methylcyclohexane

Concen: 51.931 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 209810

Ion Ratio Lower Upper

83 100

55 73.6 60.4 90.6

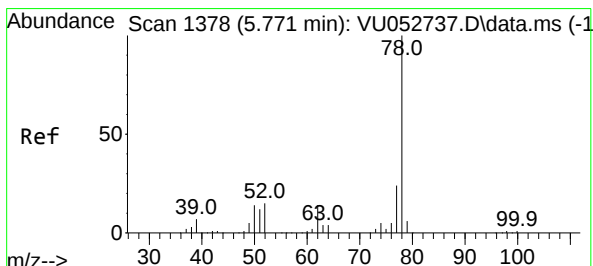
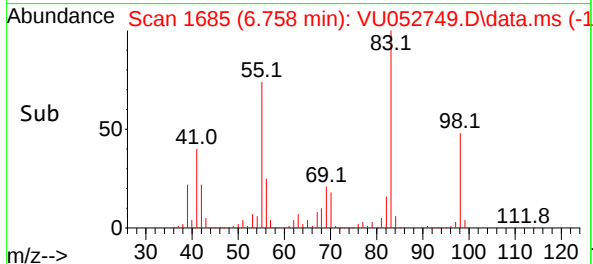
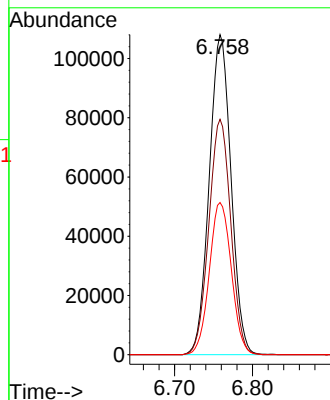
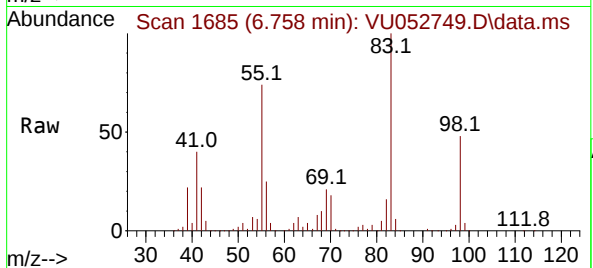
98 47.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 49.333 ug/l

RT: 5.768 min Scan# 1377

Delta R.T. -0.003 min

Lab File: VU052749.D

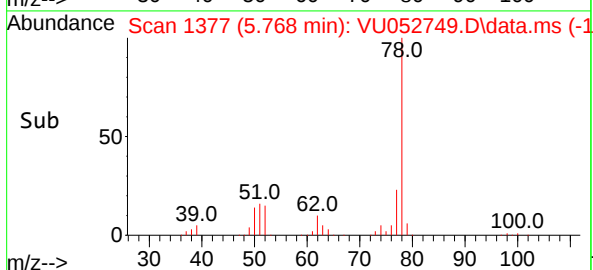
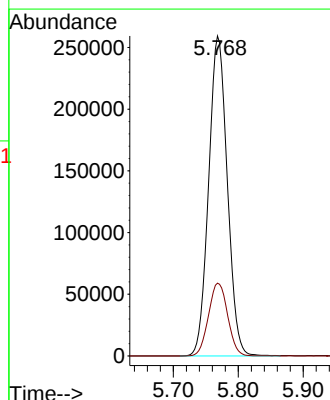
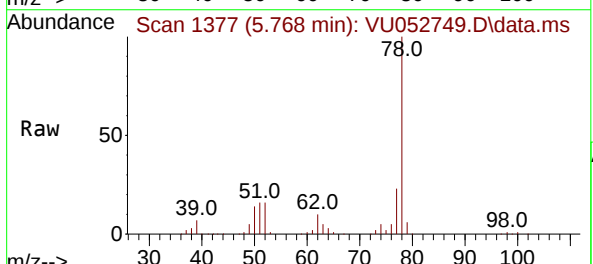
Acq: 19 Jan 2023 20:41

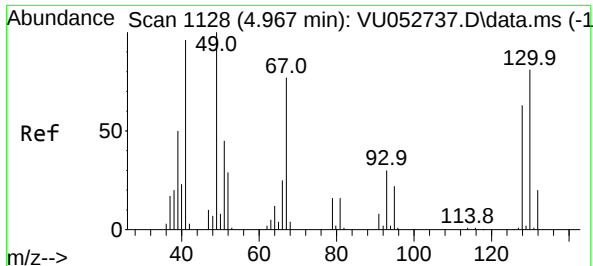
Tgt Ion: 78 Resp: 517186

Ion Ratio Lower Upper

78 100

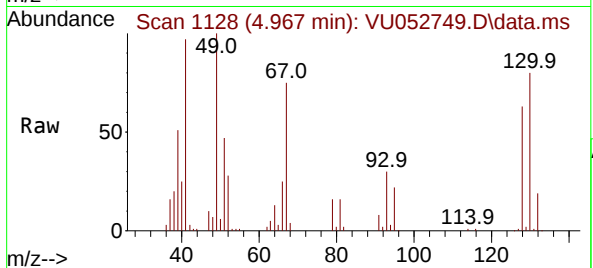
77 22.8 18.9 28.3





#41  
Methacrylonitrile  
Concen: 54.165 ug/l  
RT: 4.967 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

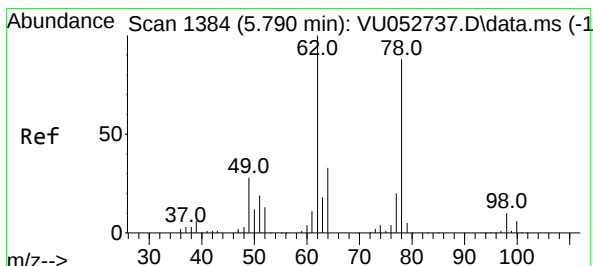
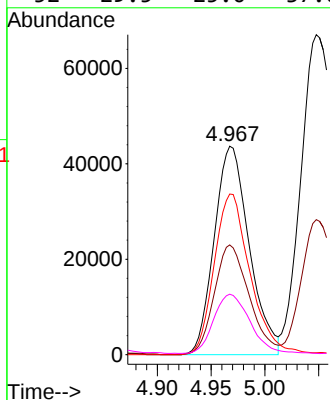
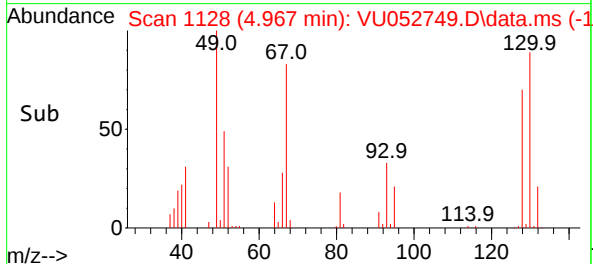
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 98890  
Ion Ratio Lower Upper  
41 100  
39 52.5 42.2 63.2  
67 79.3 65.0 97.6  
52 29.5 25.0 37.6

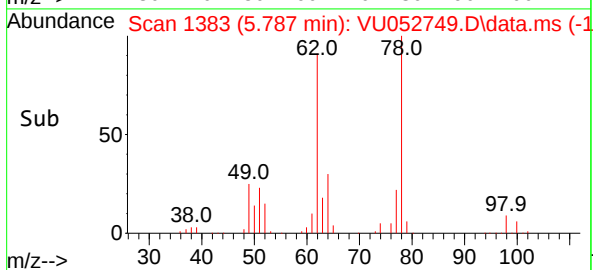
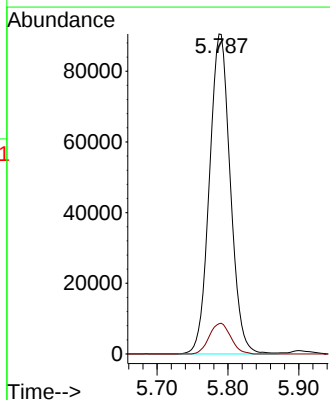
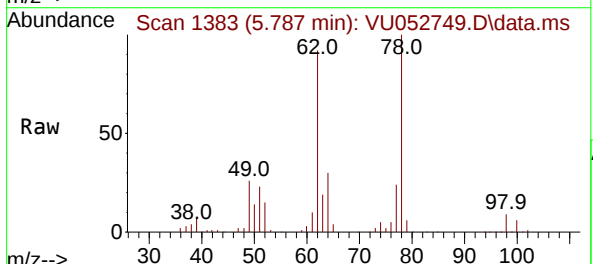
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#42  
1,2-Dichloroethane  
Concen: 49.040 ug/l  
RT: 5.787 min Scan# 1383  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

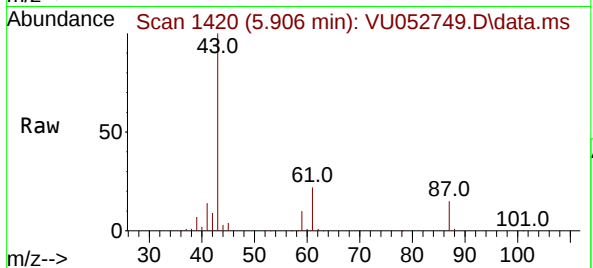
Tgt Ion: 62 Resp: 185639  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 19.0





#43  
Isopropyl Acetate  
Concen: 52.119 ug/l  
RT: 5.906 min Scan# 1420  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

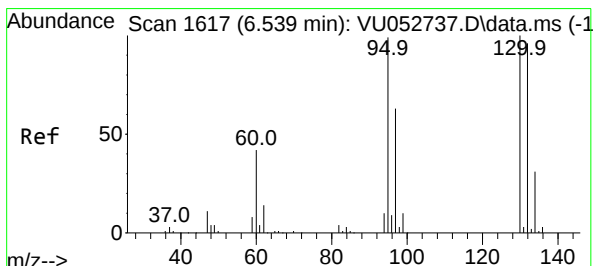
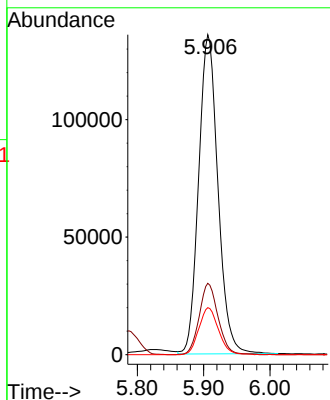
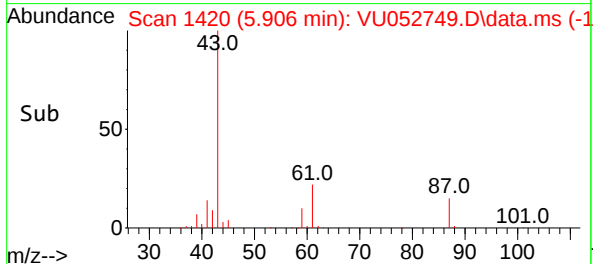
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



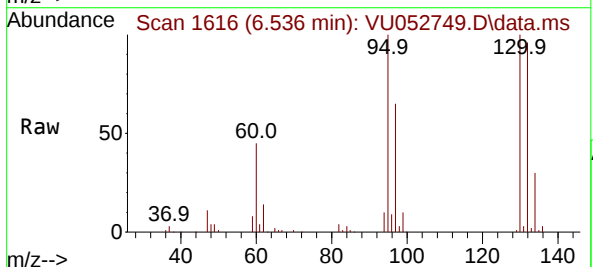
Tgt Ion: 43 Resp: 27418  
Ion Ratio Lower Upper  
43 100  
61 22.0 18.1 27.1  
87 14.9 11.7 17.5

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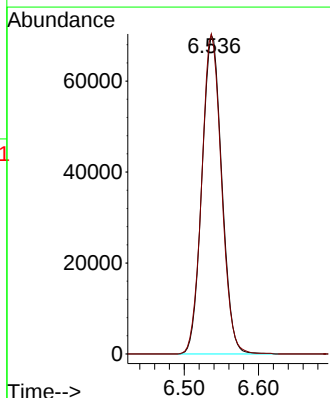
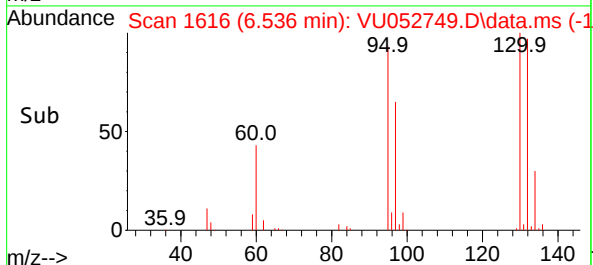
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

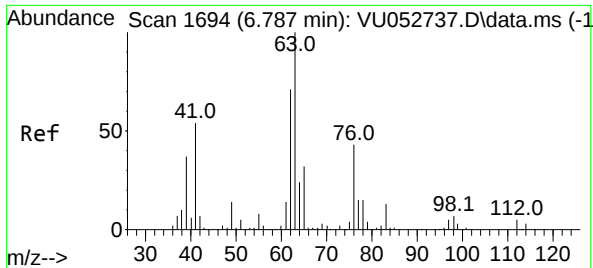


#44  
Trichloroethene  
Concen: 50.205 ug/l  
RT: 6.536 min Scan# 1616  
Delta R.T. -0.003 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



Tgt Ion:130 Resp: 130183  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 198.2





#45

1,2-Dichloropropane

Concen: 49.887 ug/l

RT: 6.784 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 134894

Ion Ratio Lower Upper

63 100

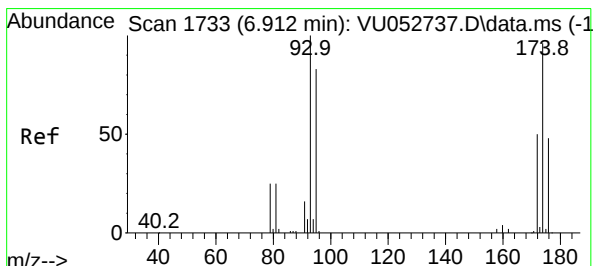
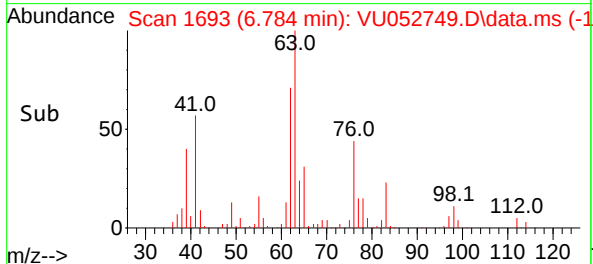
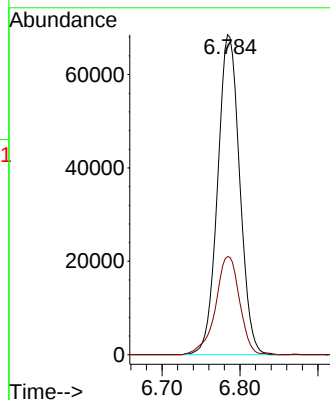
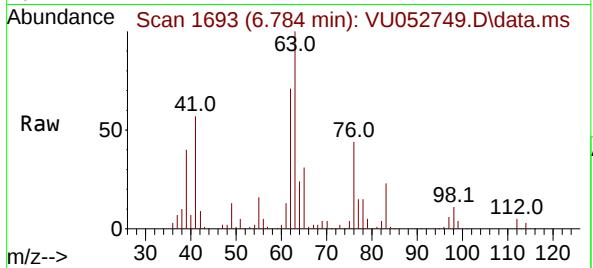
65 30.6 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 49.382 ug/l

RT: 6.913 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

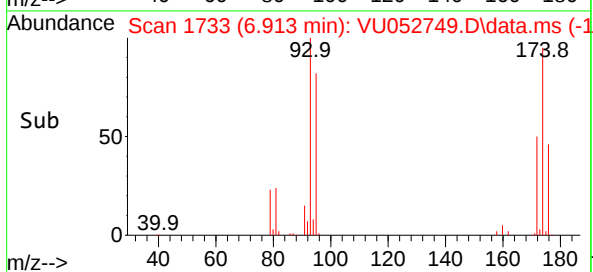
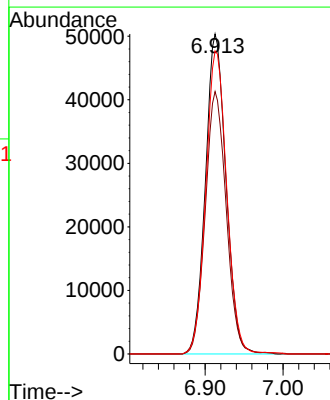
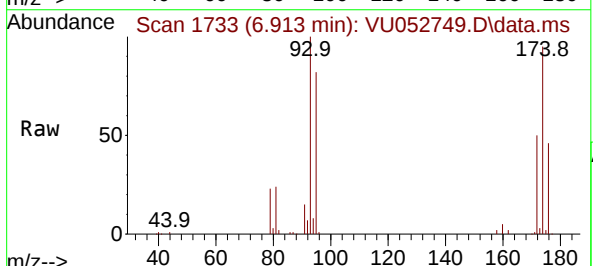
Tgt Ion: 93 Resp: 92474

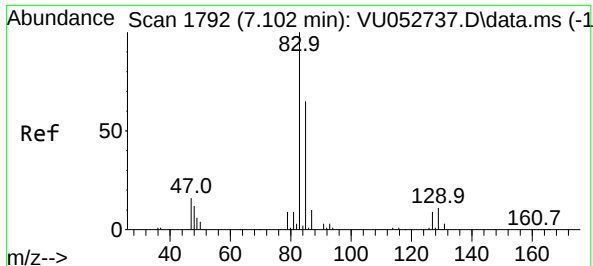
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

174 96.7 78.6 117.8





#47

Bromodichloromethane

Concen: 49.728 ug/l

RT: 7.099 min Scan# 1791

Delta R.T. -0.003 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 18633

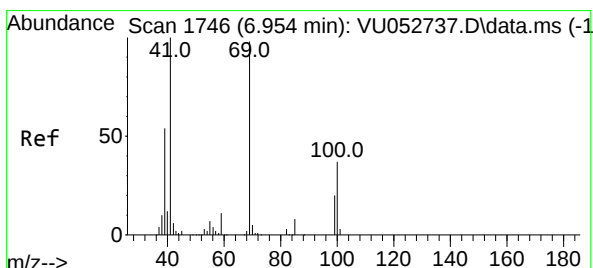
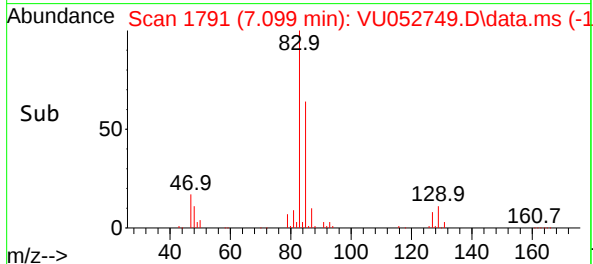
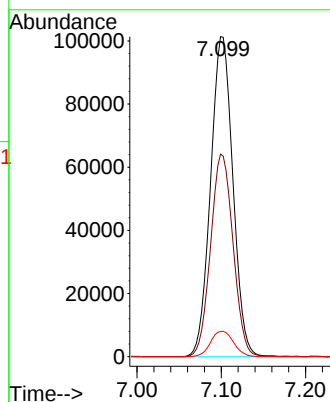
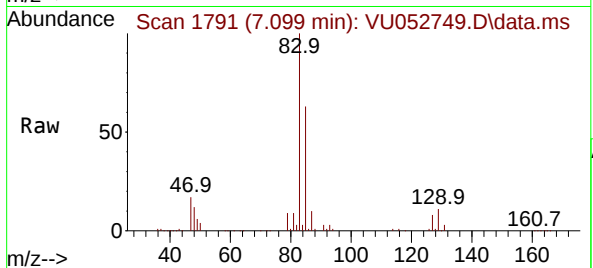
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.3  | 51.6  | 77.4  |
| 127 | 7.9   | 6.9   | 10.3  |

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#48

Methyl methacrylate

Concen: 54.625 ug/l

RT: 6.958 min Scan# 1747

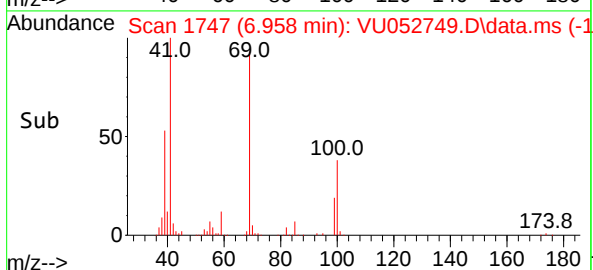
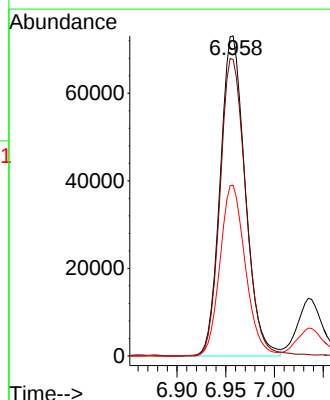
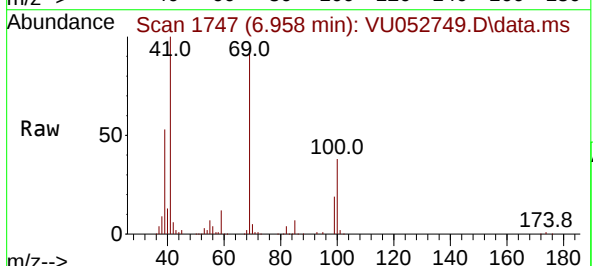
Delta R.T. 0.004 min

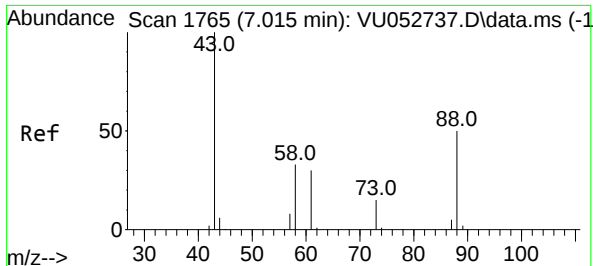
Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion: 41 Resp: 130948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 95.0  | 77.2  | 115.8 |
| 39  | 53.9  | 42.9  | 64.3  |





#49

1,4-Dioxane

Concen: 1247.241 ug/l

RT: 7.028 min Scan# 1769

Delta R.T. 0.013 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

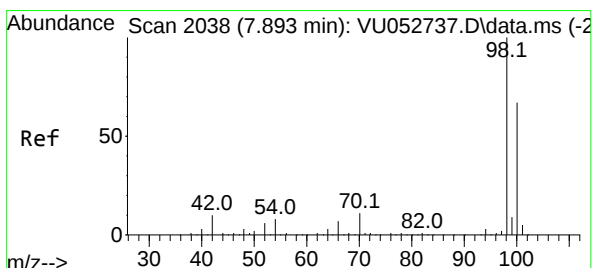
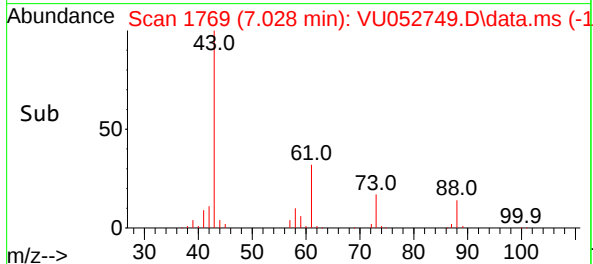
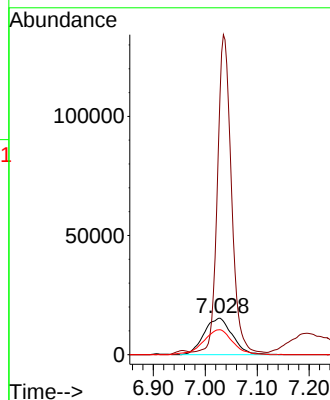
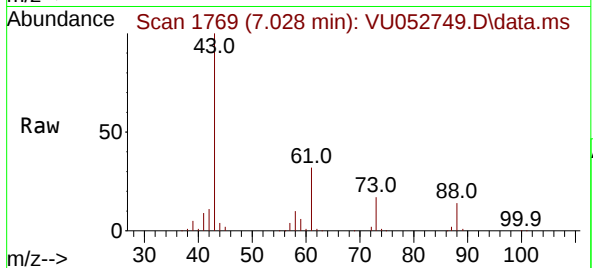
Tgt Ion: 88 Resp: 57935  
 Ion Ratio Lower Upper  
 88 100  
 43 425.6 374.7 562.1  
 58 70.6 59.2 88.8

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 49.369 ug/l

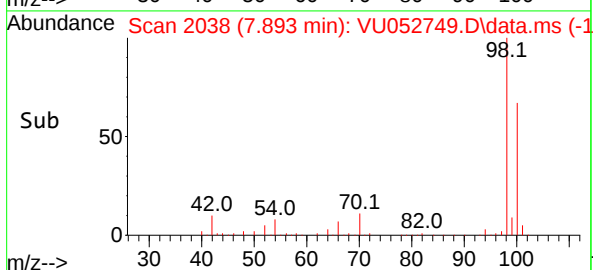
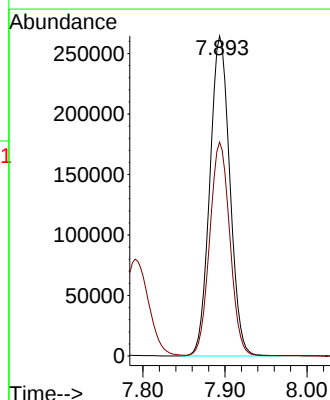
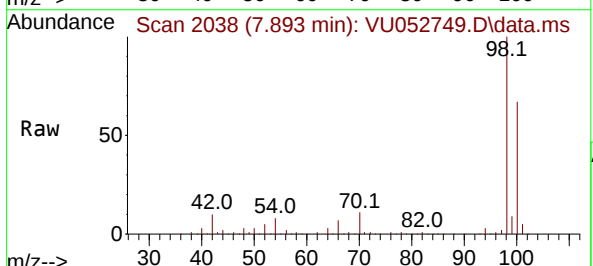
RT: 7.893 min Scan# 2038

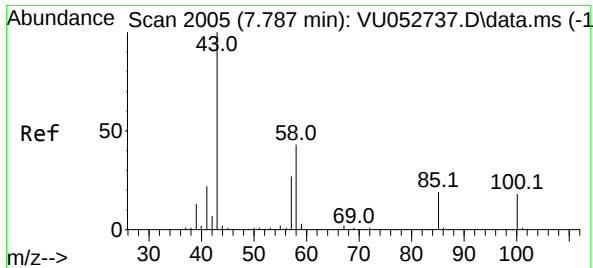
Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Tgt Ion: 98 Resp: 448004  
 Ion Ratio Lower Upper  
 98 100  
 100 67.0 53.7 80.5





#51

4-Methyl-2-Pentanone

Concen: 270.313 ug/l

RT: 7.790 min Scan# 2005

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 92035

Ion Ratio Lower Upper

43 100

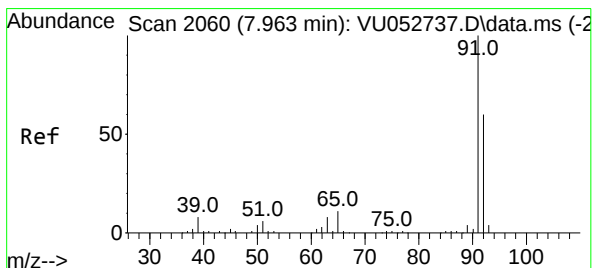
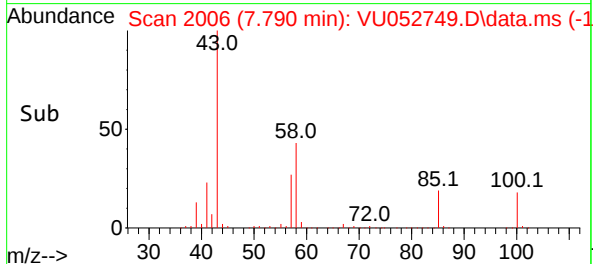
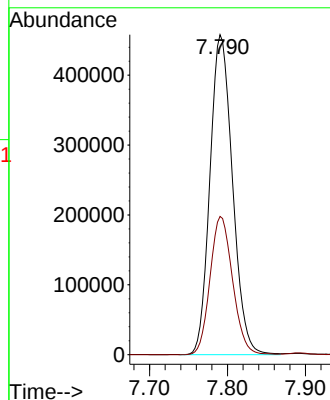
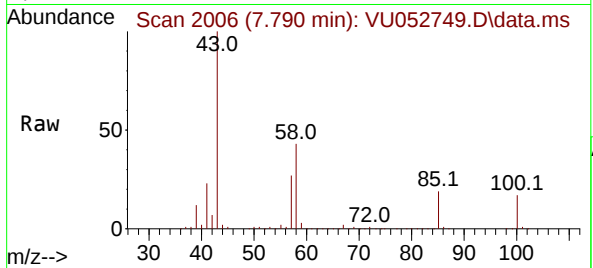
58 43.2 34.6 52.0

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#52

Toluene

Concen: 51.292 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU052749.D

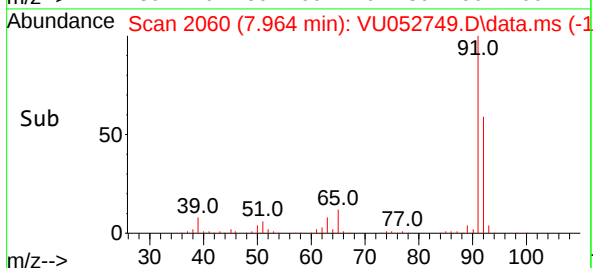
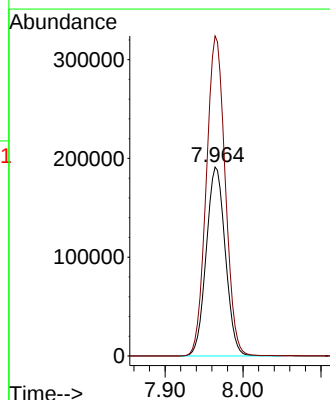
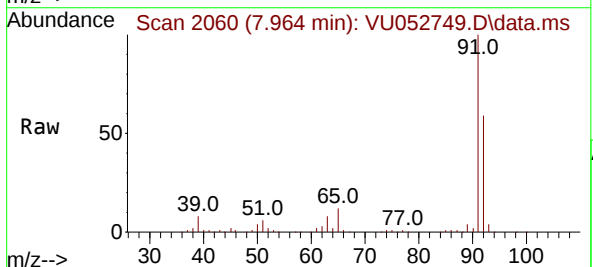
Acq: 19 Jan 2023 20:41

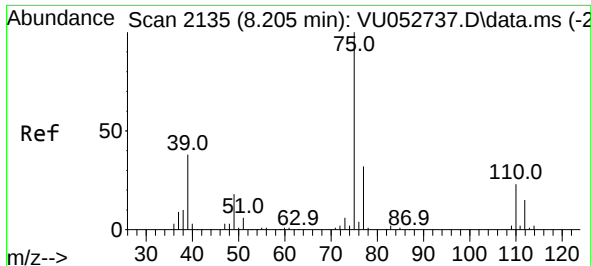
Tgt Ion: 92 Resp: 325204

Ion Ratio Lower Upper

92 100

91 168.1 134.9 202.3





#53  
 t-1,3-Dichloropropene  
 Concen: 50.574 ug/l  
 RT: 8.205 min Scan# 2135  
 Delta R.T. 0.000 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

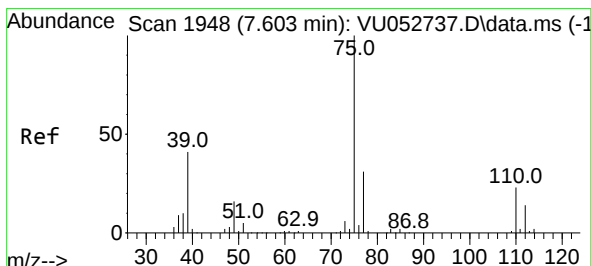
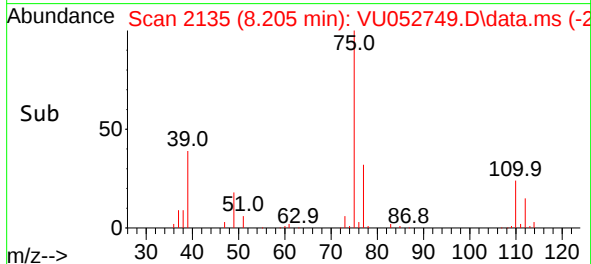
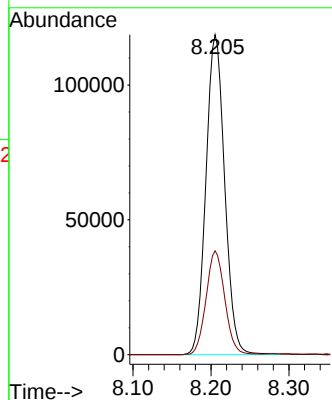
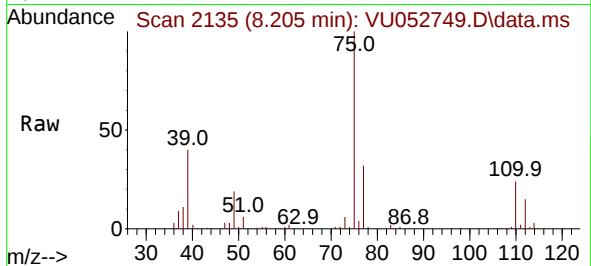
VSTDCCC050EC

Tgt Ion: 75 Resp: 197950  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.2 37.8

Manual Integrations

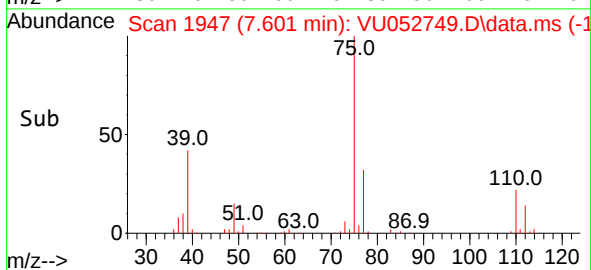
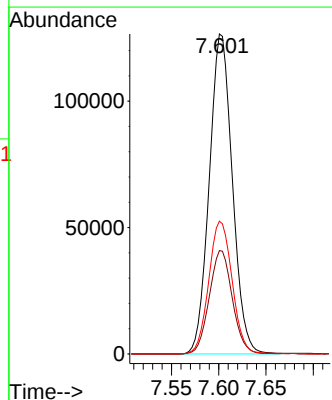
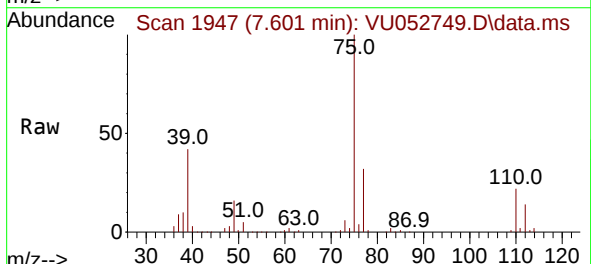
APPROVED

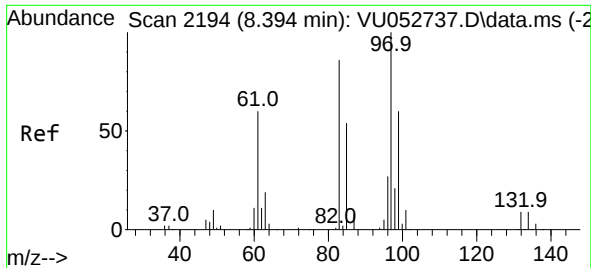
Reviewed By :John Carlone 01/20/2023  
 Supervised By :Mahesh Dadoda 01/20/2023



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.501 ug/l  
 RT: 7.601 min Scan# 1947  
 Delta R.T. -0.003 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

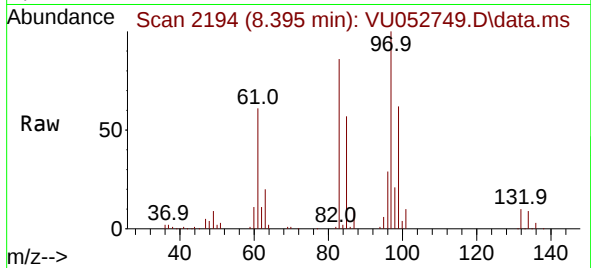
Tgt Ion: 75 Resp: 214996  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 25.0 37.6  
 39 41.5 32.9 49.3





#55  
1,1,2-Trichloroethane  
Concen: 49.962 ug/l  
RT: 8.395 min Scan# 2194  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

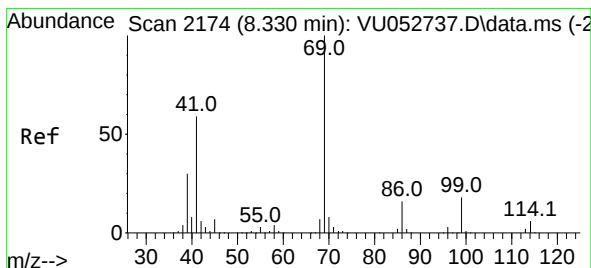
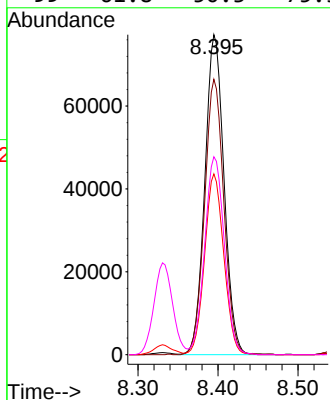
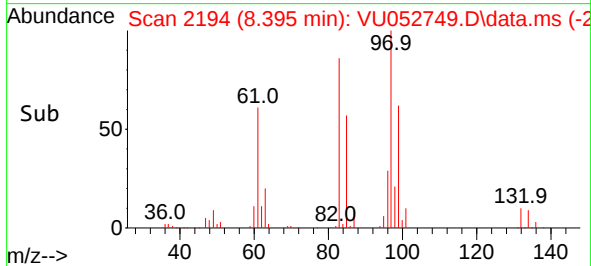
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 97 Resp: 12930  
Ion Ratio Lower Upper  
97 100  
83 86.1 69.2 103.8  
85 56.5 43.8 65.8  
99 61.8 50.3 75.5

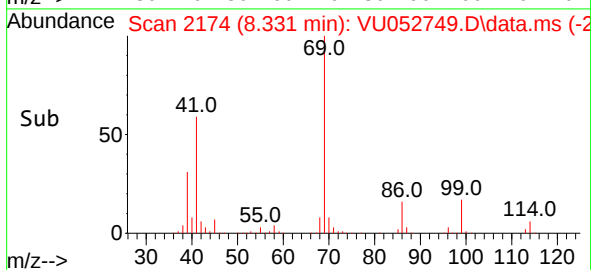
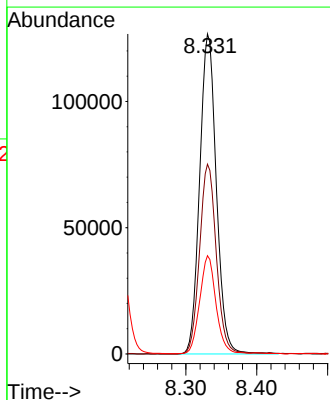
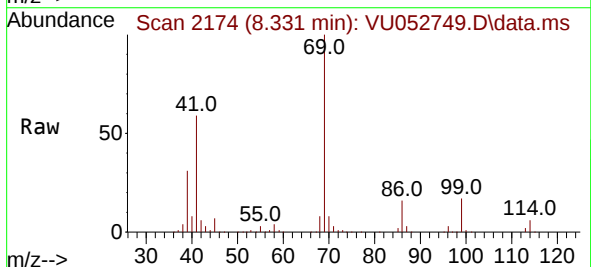
Manual Integrations  
APPROVED

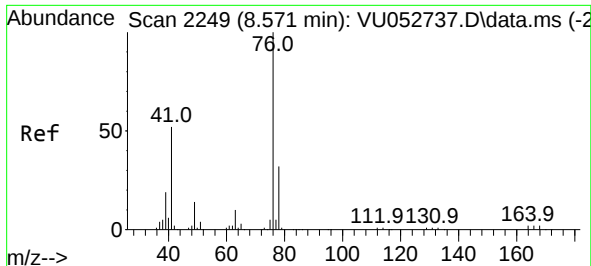
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#56  
Ethyl methacrylate  
Concen: 49.945 ug/l  
RT: 8.331 min Scan# 2174  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 69 Resp: 207255  
Ion Ratio Lower Upper  
69 100  
41 59.5 47.6 71.4  
39 29.7 24.3 36.5





#57

1,3-Dichloropropane

Concen: 49.762 ug/l

RT: 8.572 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 225830

Ion Ratio Lower Upper

76 100

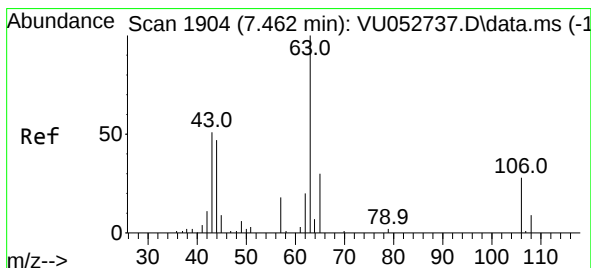
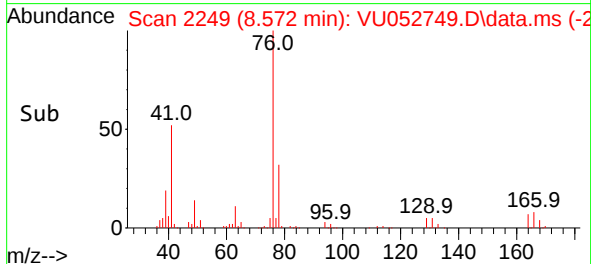
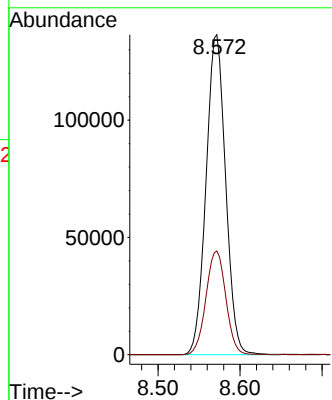
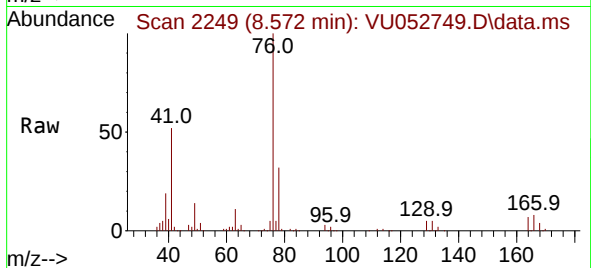
78 32.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 296.600 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052749.D

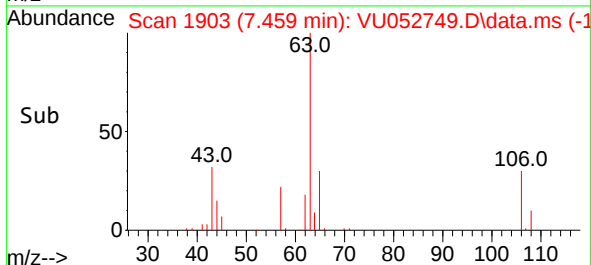
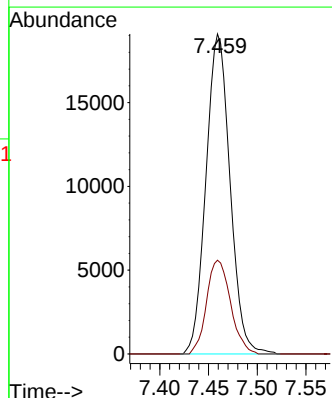
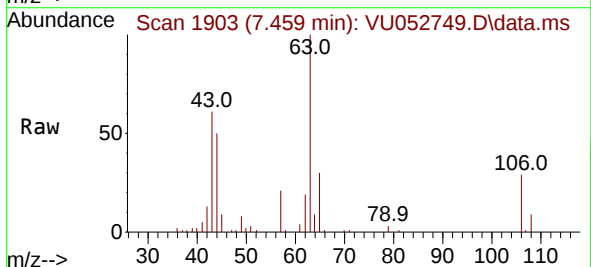
Acq: 19 Jan 2023 20:41

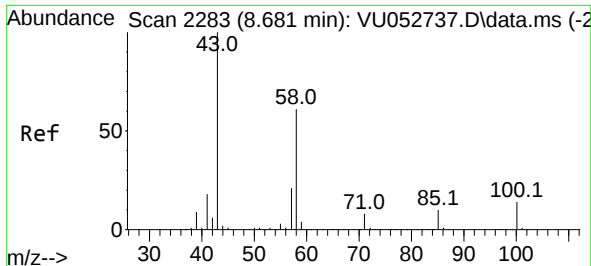
Tgt Ion: 63 Resp: 32818

Ion Ratio Lower Upper

63 100

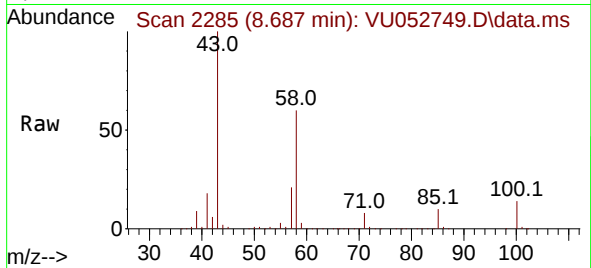
106 29.2 23.2 34.8





#59  
2-Hexanone  
Concen: 269.005 ug/l  
RT: 8.687 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

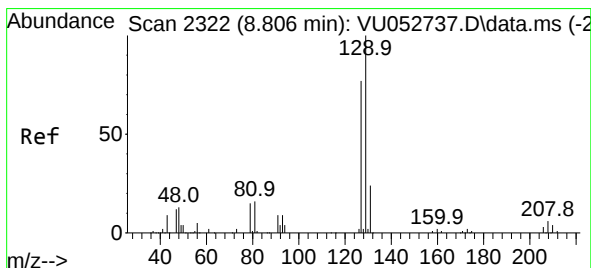
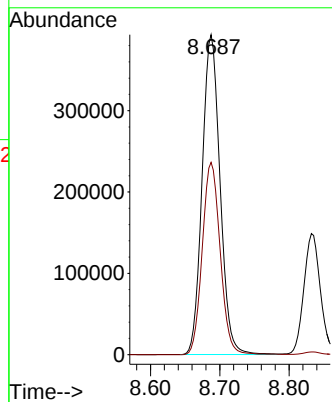
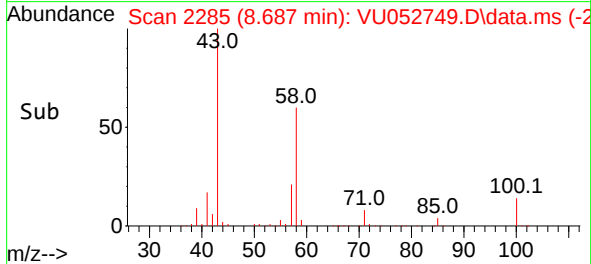
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 70557  
Ion Ratio Lower Upper  
43 100  
58 60.2 29.8 89.5

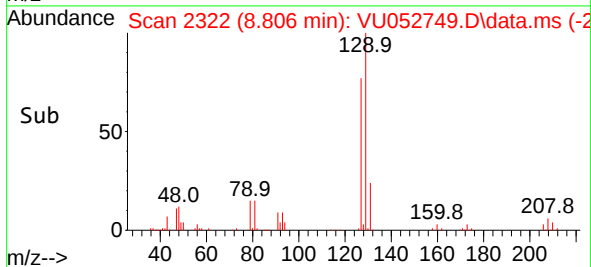
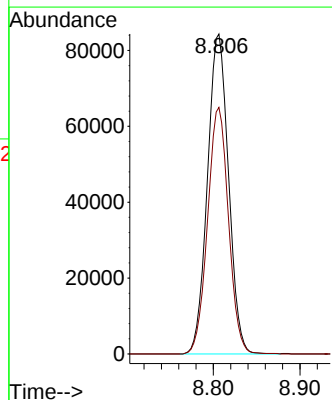
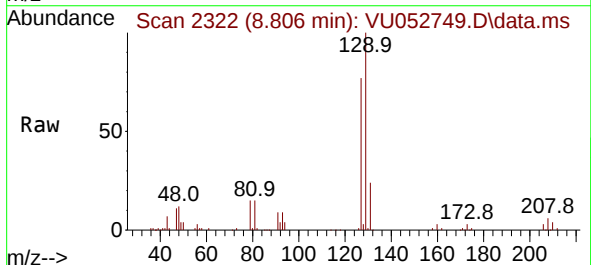
Manual Integrations  
APPROVED

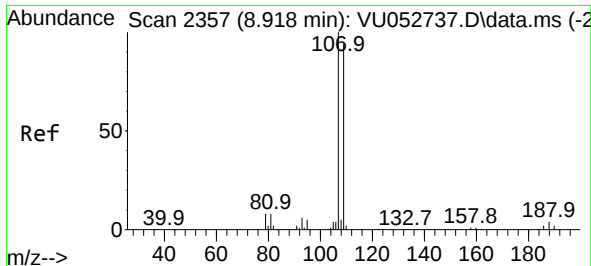
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#60  
Dibromochloromethane  
Concen: 50.183 ug/l  
RT: 8.806 min Scan# 2322  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

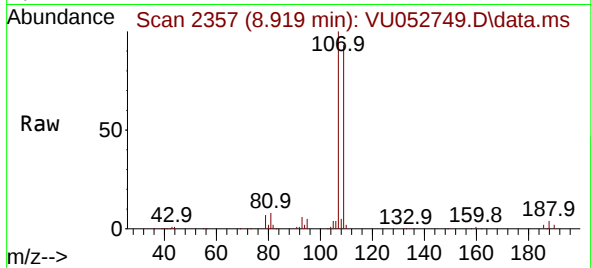
Tgt Ion:129 Resp: 142622  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.1 117.2





#61  
1,2-Dibromoethane  
Concen: 50.802 ug/l  
RT: 8.919 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

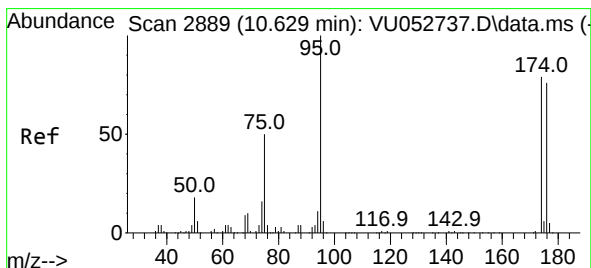
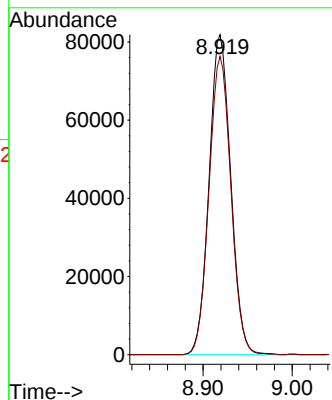
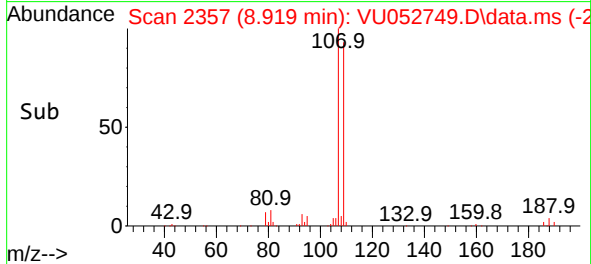
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



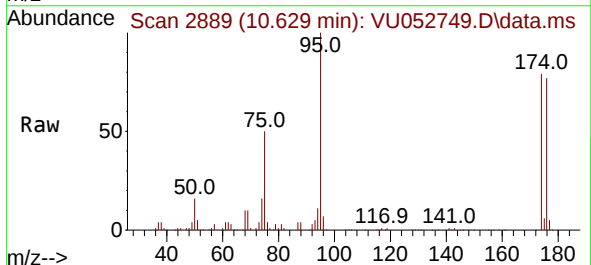
Tgt Ion:107 Resp: 138029  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.0 112.6

Manual Integrations  
APPROVED

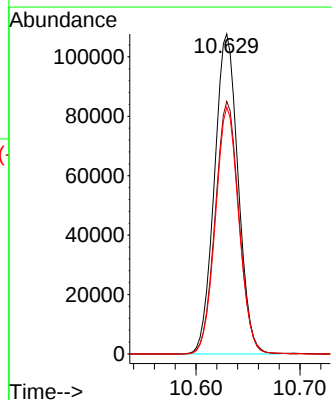
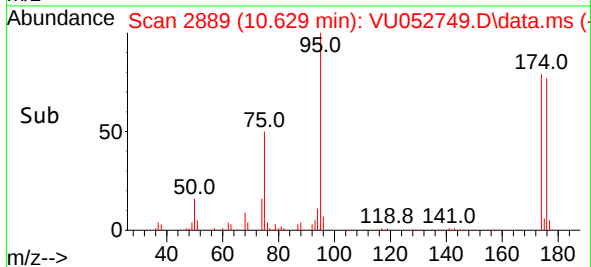
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

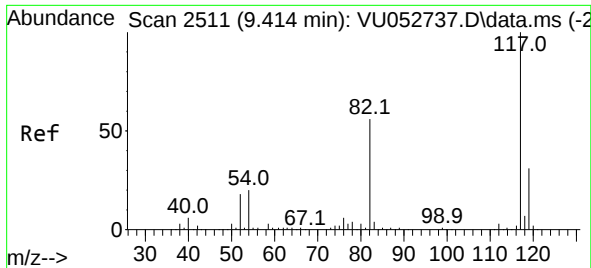


#62  
4-Bromofluorobenzene  
Concen: 51.599 ug/l  
RT: 10.629 min Scan# 2889  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



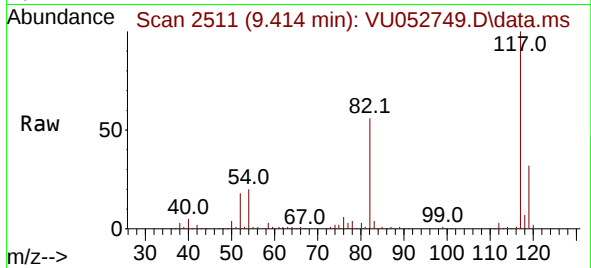
Tgt Ion: 95 Resp: 171046  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 158.6  
176 76.1 0.0 150.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.414 min Scan# 2511  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

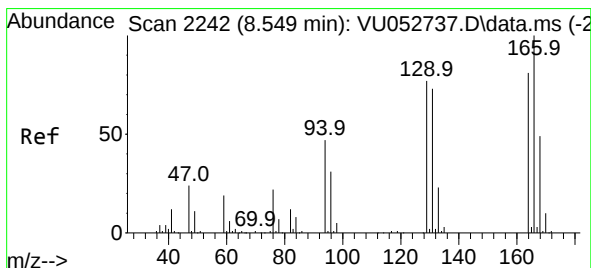
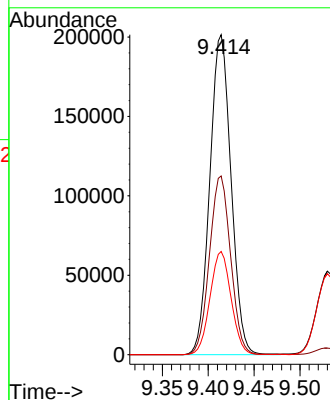
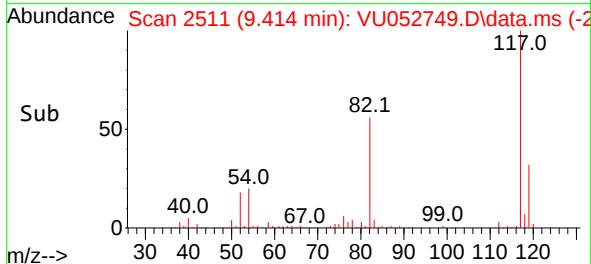
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 324039  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.7 67.1  
119 32.2 25.0 37.6

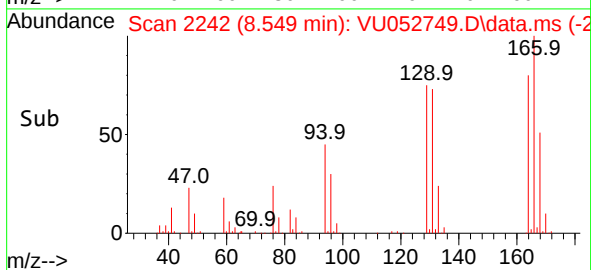
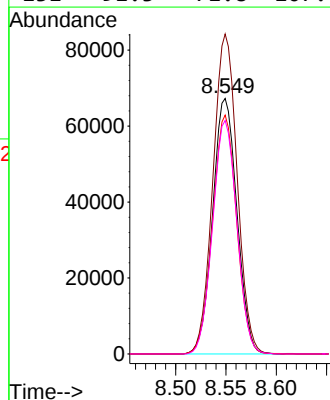
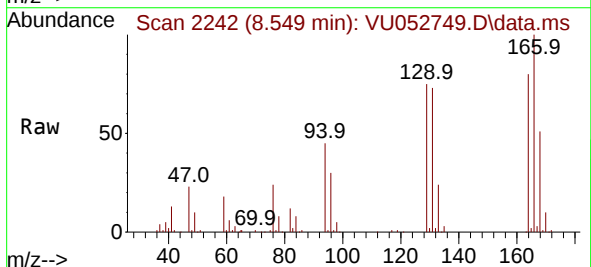
Manual Integrations  
APPROVED

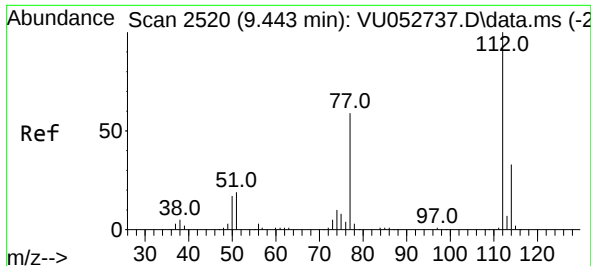
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#64  
Tetrachloroethene  
Concen: 50.379 ug/l  
RT: 8.549 min Scan# 2242  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion:164 Resp: 113412  
Ion Ratio Lower Upper  
164 100  
166 125.2 98.9 148.3  
129 93.5 76.0 114.0  
131 91.3 71.8 107.6





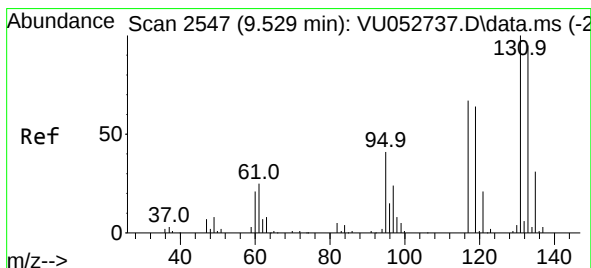
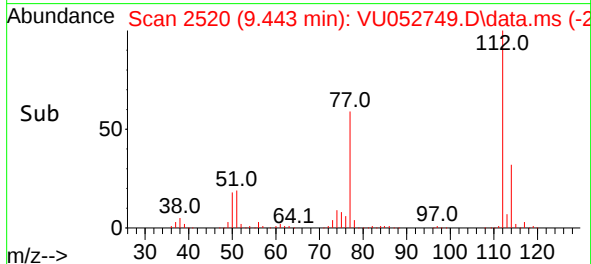
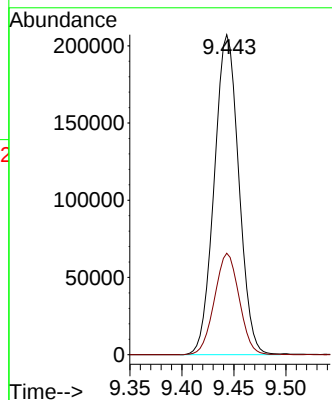
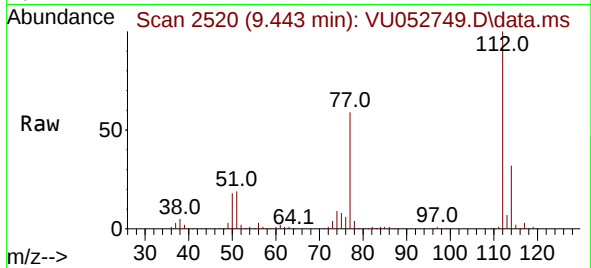
#65  
Chlorobenzene  
Concen: 49.706 ug/l  
RT: 9.443 min Scan# 2520  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 34082  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.1 39.1

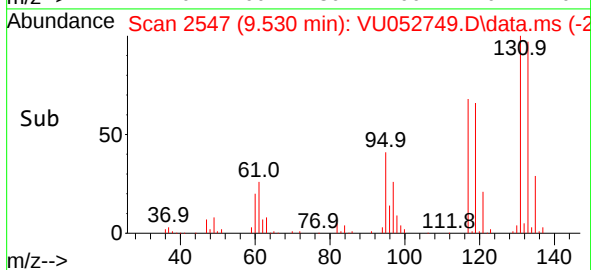
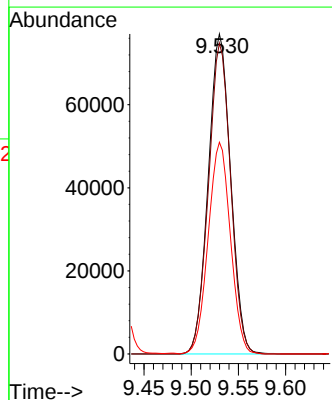
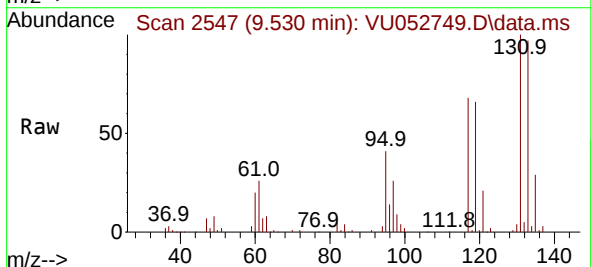
Manual Integrations  
APPROVED

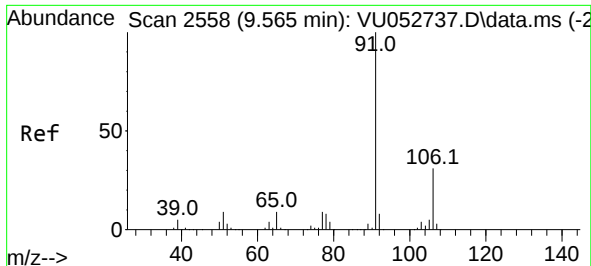
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.517 ug/l  
RT: 9.530 min Scan# 2547  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion:131 Resp: 127280  
Ion Ratio Lower Upper  
131 100  
133 96.0 48.4 145.0  
119 65.5 32.1 96.3





#67

Ethyl Benzene

Concen: 52.155 ug/l

RT: 9.565 min Scan# 2558

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 604349

Ion Ratio Lower Upper

91 100

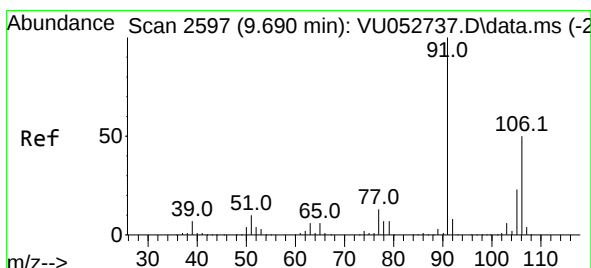
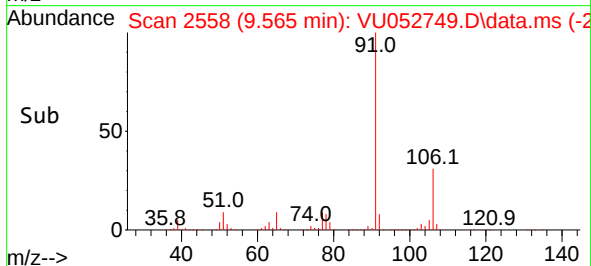
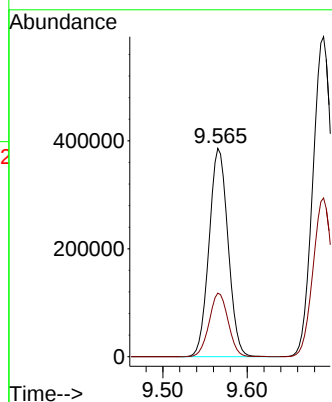
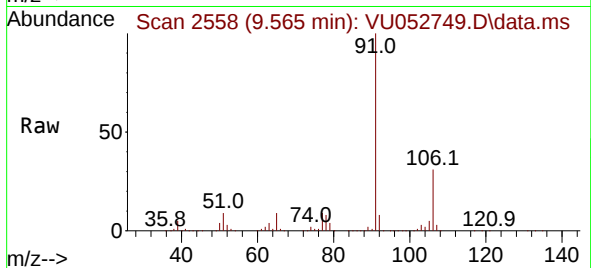
106 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#68

m/p-Xylenes

Concen: 106.690 ug/l

RT: 9.691 min Scan# 2597

Delta R.T. 0.001 min

Lab File: VU052749.D

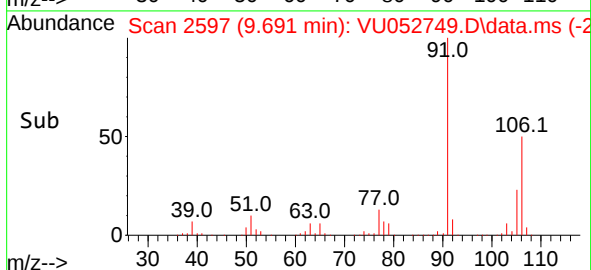
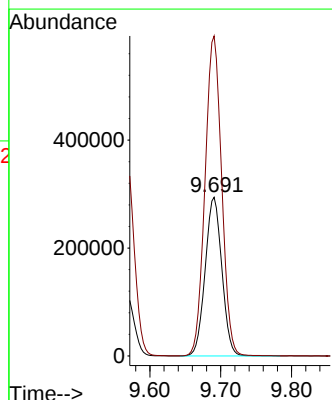
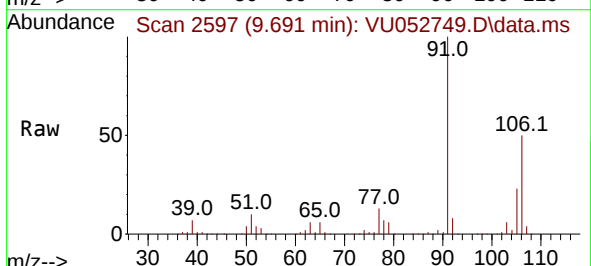
Acq: 19 Jan 2023 20:41

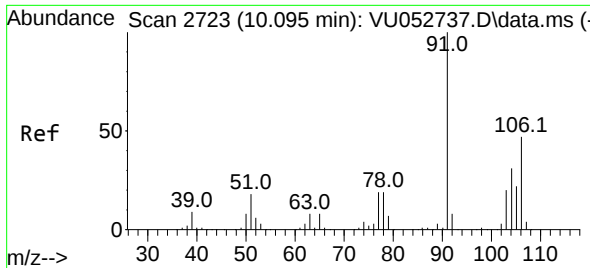
Tgt Ion:106 Resp: 480138

Ion Ratio Lower Upper

106 100

91 201.2 160.8 241.2





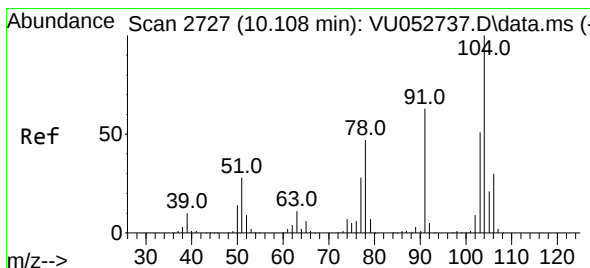
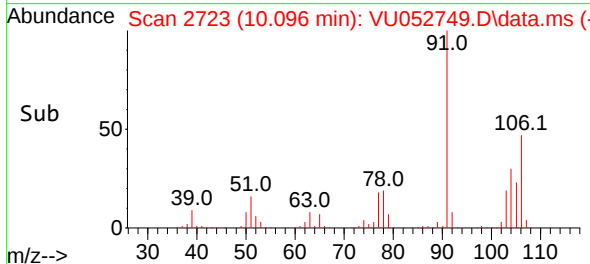
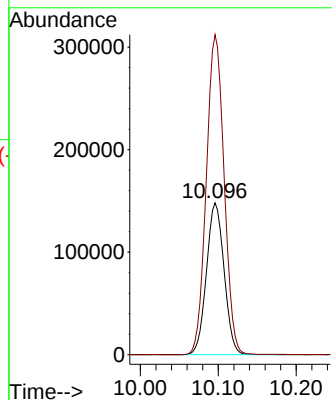
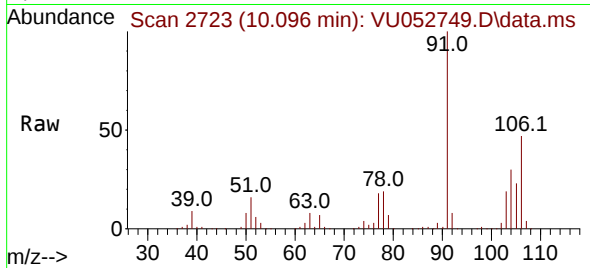
#69  
o-Xylene  
Concen: 54.095 ug/l  
RT: 10.096 min Scan# 2723  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 23240  
Ion Ratio Lower Upper  
106 100  
91 213.0 107.9 323.7

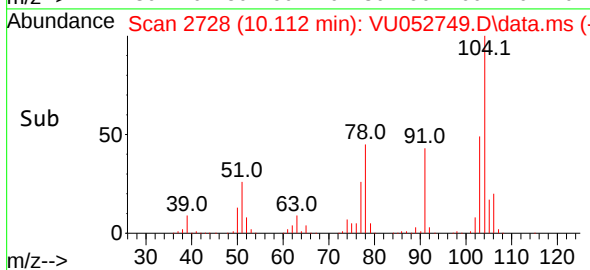
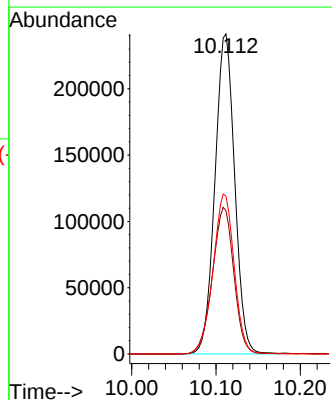
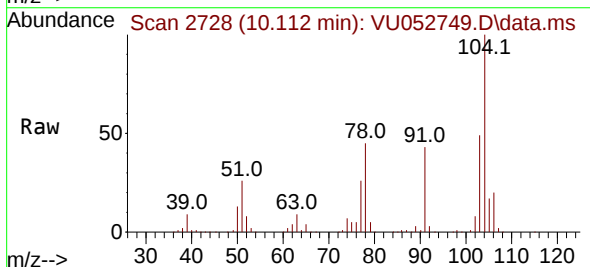
Manual Integrations  
APPROVED

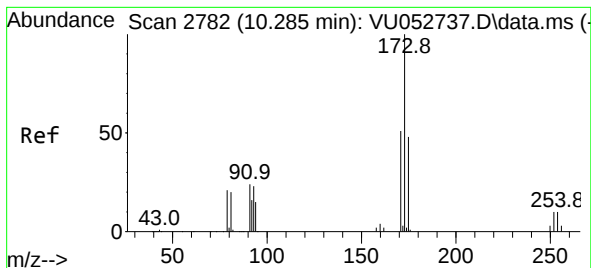
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#70  
Styrene  
Concen: 50.106 ug/l  
RT: 10.112 min Scan# 2728  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion:104 Resp: 392952  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.9 59.9  
103 53.6 43.4 65.2





#71

Bromoform

Concen: 51.725 ug/l

RT: 10.289 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 111039

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.2

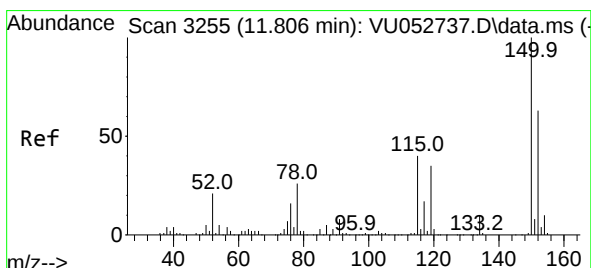
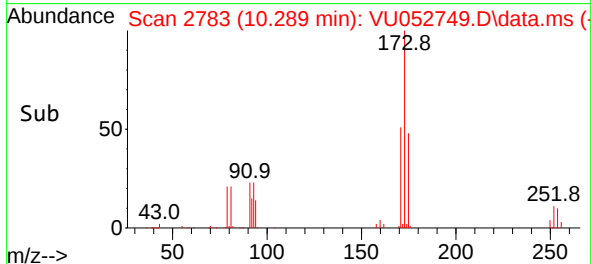
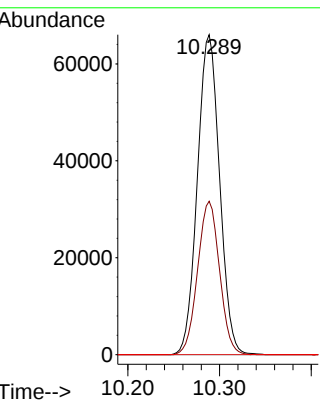
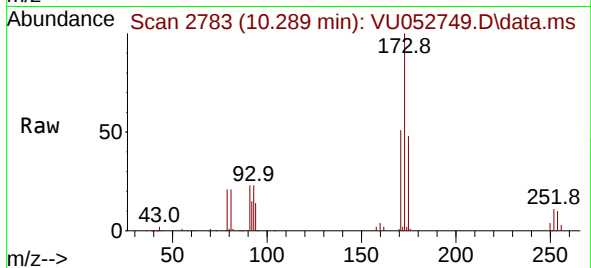
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.810 min Scan# 3256

Delta R.T. 0.004 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

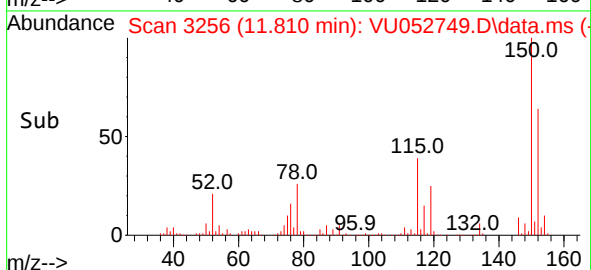
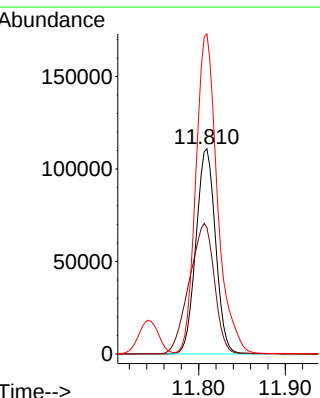
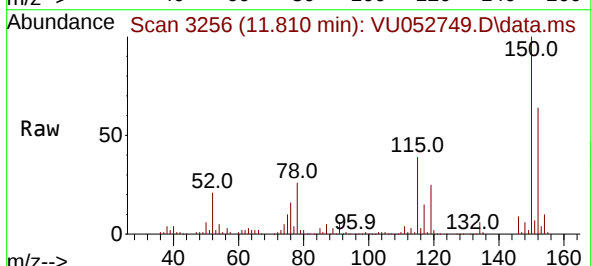
Tgt Ion:152 Resp: 174399

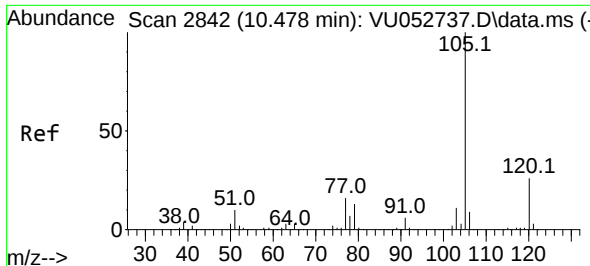
Ion Ratio Lower Upper

152 100

115 81.2 41.7 125.1

150 172.0 0.0 349.2





#73  
Isopropylbenzene  
Concen: 52.824 ug/l  
RT: 10.482 min Scan# 2843  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

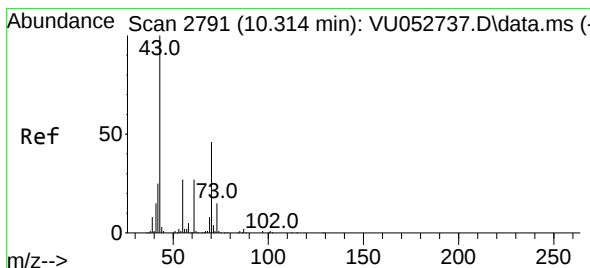
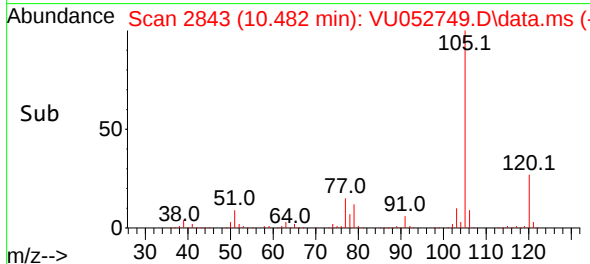
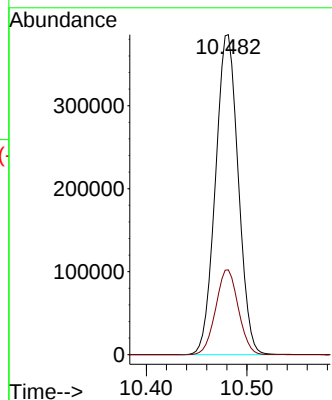
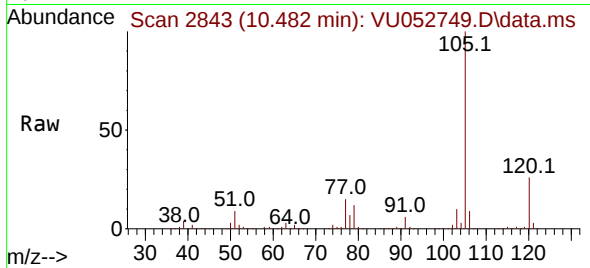
VSTDCCC050EC

Tgt Ion:105 Resp: 606910  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.5

Manual Integrations

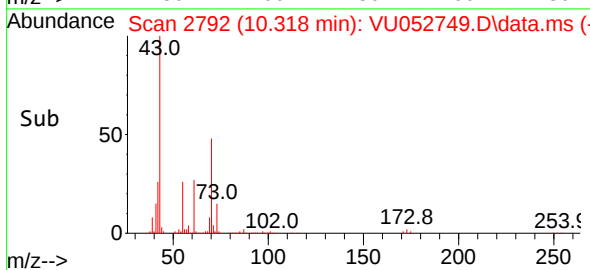
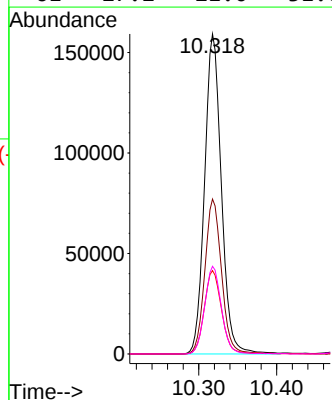
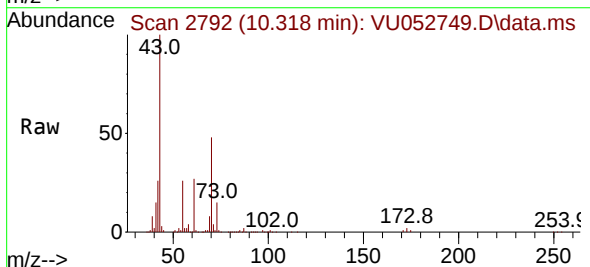
APPROVED

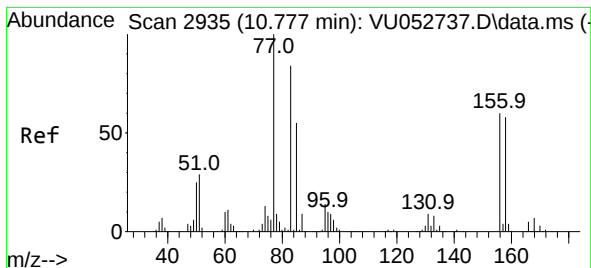
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#74  
N-ethyl acetate  
Concen: 54.424 ug/l  
RT: 10.318 min Scan# 2792  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion: 43 Resp: 238213  
Ion Ratio Lower Upper  
43 100  
70 48.2 37.9 56.9  
55 26.6 21.9 32.9  
61 27.2 21.0 31.6





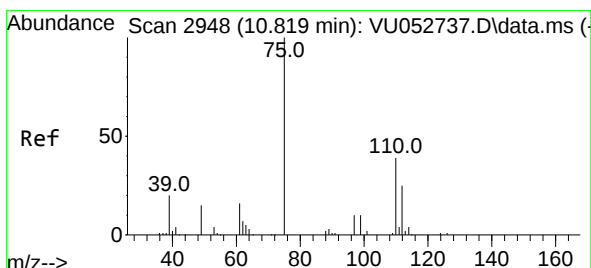
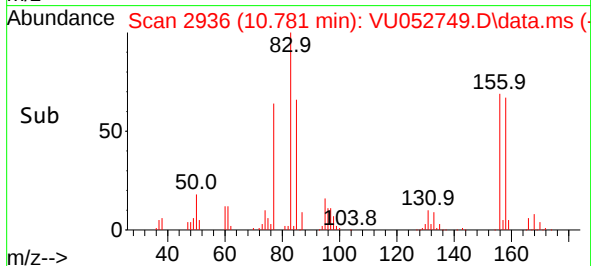
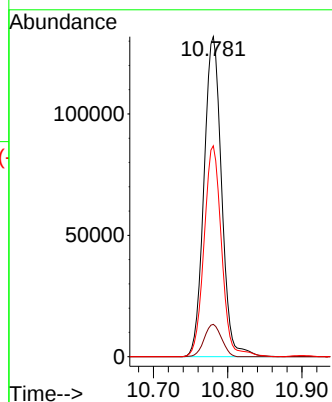
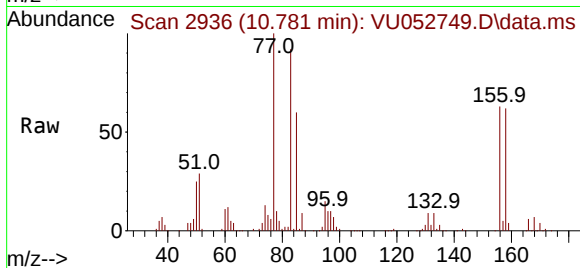
#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.682 ug/l  
RT: 10.781 min Scan# 2935  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 217049  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 14.9  
85 65.5 32.3 96.8

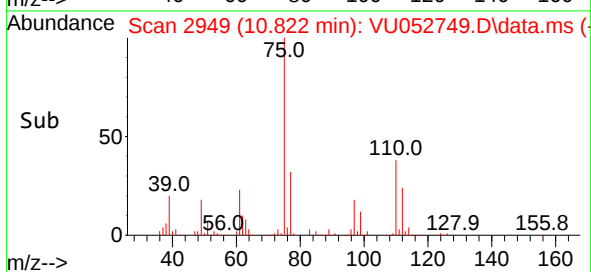
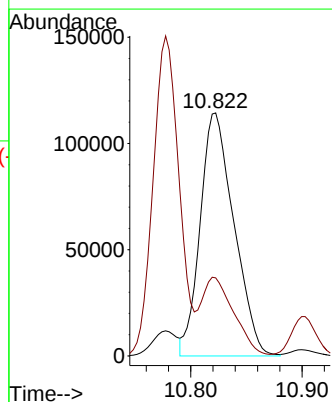
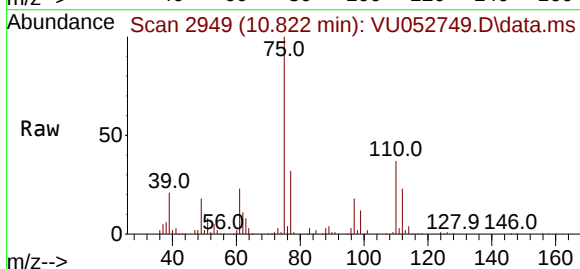
Manual Integrations  
APPROVED

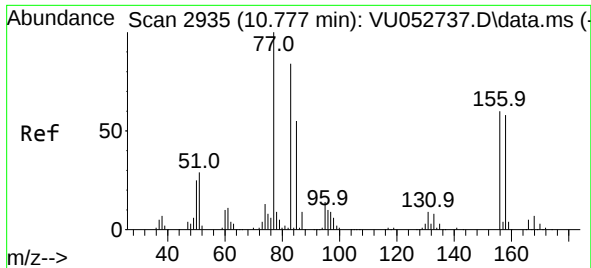
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#76  
1,2,3-Trichloropropane  
Concen: 50.637 ug/l  
RT: 10.822 min Scan# 2949  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

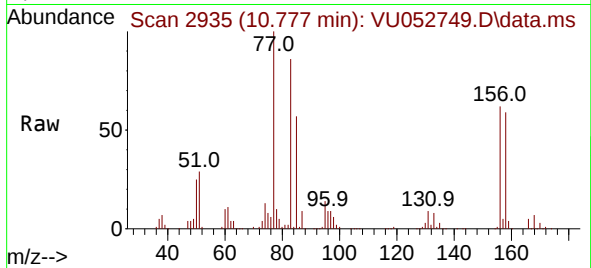
Tgt Ion: 75 Resp: 240993  
Ion Ratio Lower Upper  
75 100  
77 29.5 15.0 45.1





#77  
Bromobenzene  
Concen: 50.440 ug/l  
RT: 10.777 min Scan# 2935  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

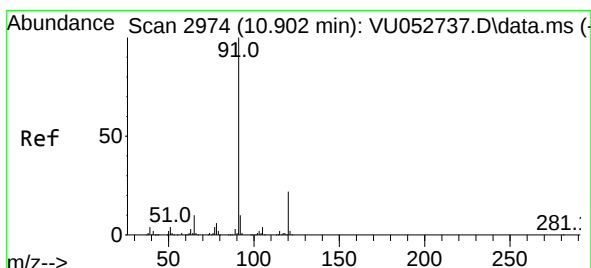
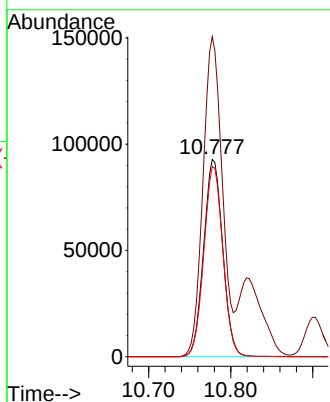
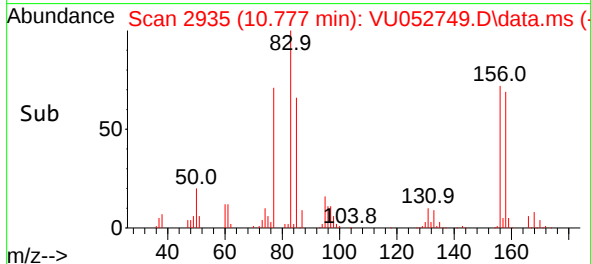
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



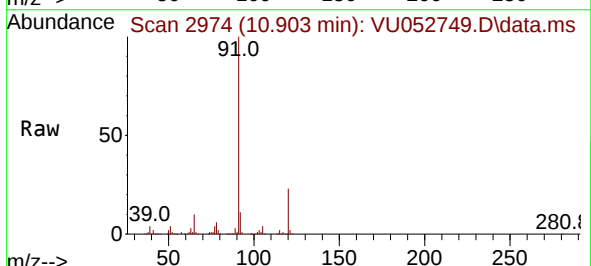
Tgt Ion:156 Resp: 149880  
Ion Ratio Lower Upper  
156 100  
77 163.1 83.8 251.4  
158 96.3 48.7 146.1

Manual Integrations  
APPROVED

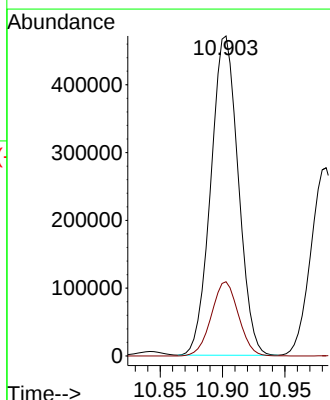
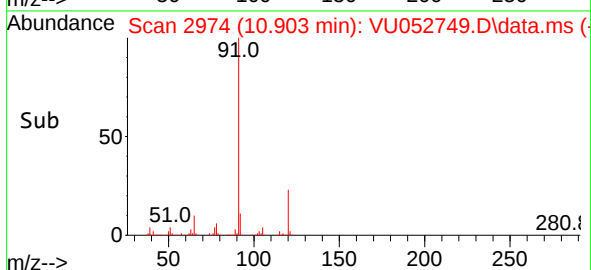
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

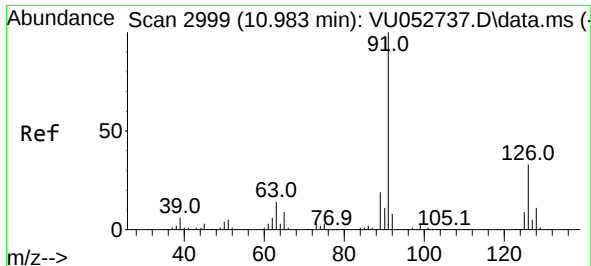


#78  
n-propylbenzene  
Concen: 53.396 ug/l  
RT: 10.903 min Scan# 2974  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



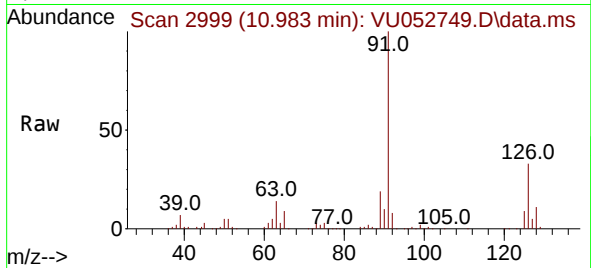
Tgt Ion: 91 Resp: 721508  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.3 33.8





#79  
2-Chlorotoluene  
Concen: 51.877 ug/l  
RT: 10.983 min Scan# 2999  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

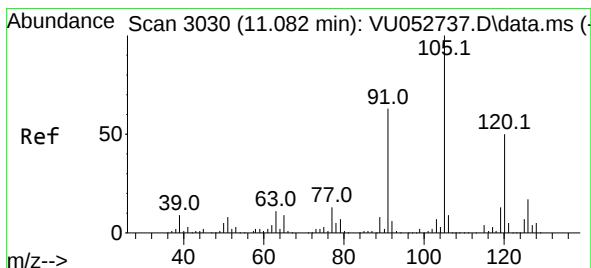
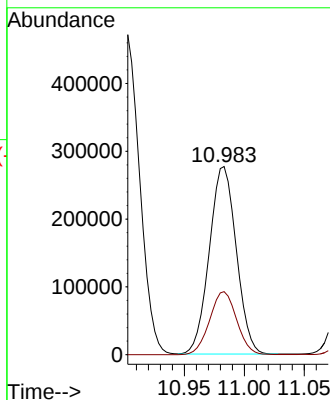
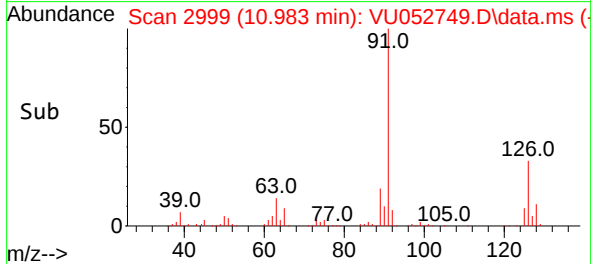
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



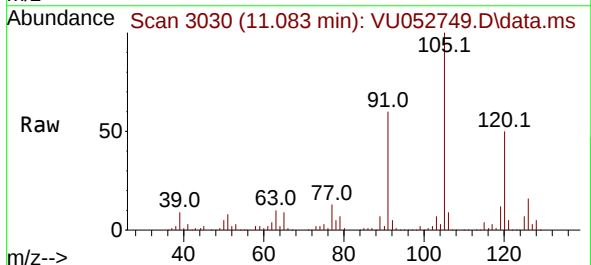
Tgt Ion: 91 Resp: 433160  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.7 50.0

Manual Integrations  
APPROVED

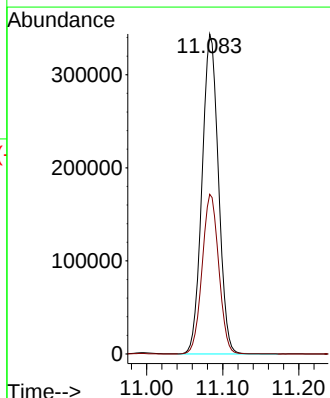
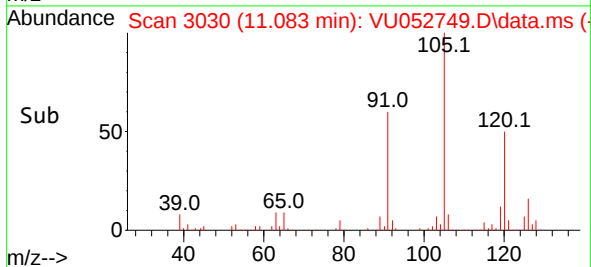
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

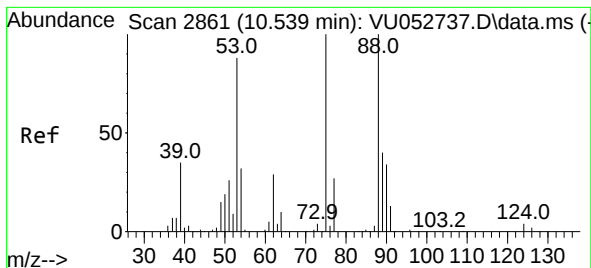


#80  
1,3,5-Trimethylbenzene  
Concen: 53.992 ug/l  
RT: 11.083 min Scan# 3030  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



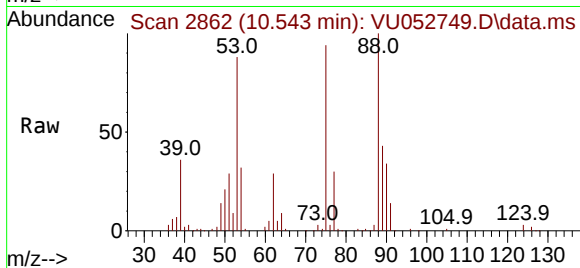
Tgt Ion:105 Resp: 515325  
Ion Ratio Lower Upper  
105 100  
120 50.5 25.1 75.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.642 ug/l  
RT: 10.543 min Scan# 2862  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

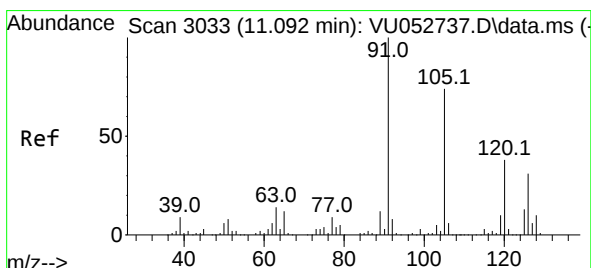
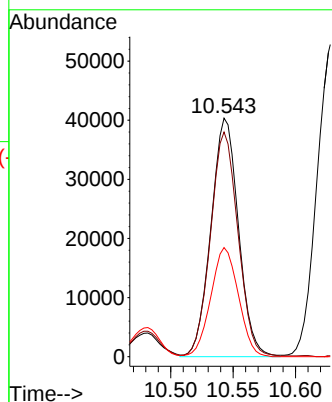
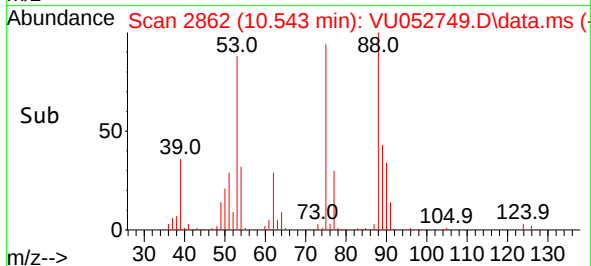
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 62024  
Ion Ratio Lower Upper  
75 100  
53 93.5 72.4 108.6  
89 45.9 35.0 52.4

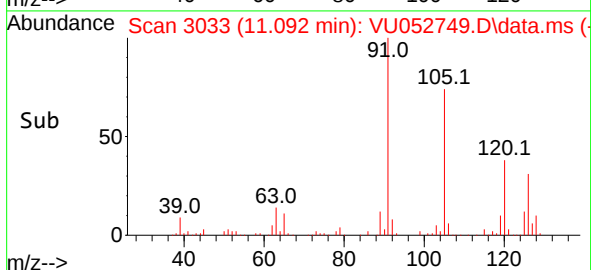
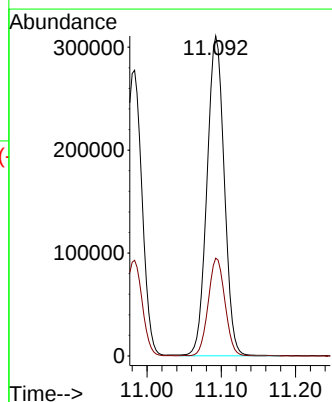
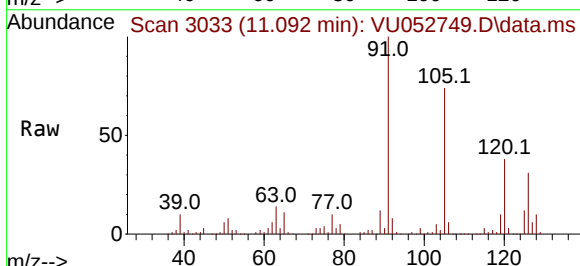
Manual Integrations  
APPROVED

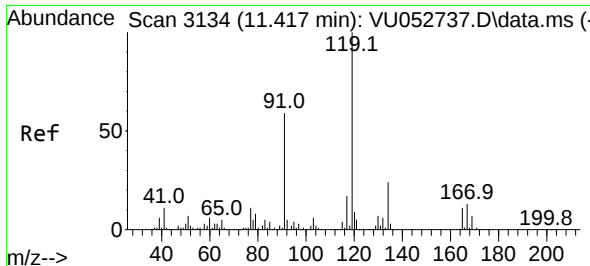
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#82  
4-Chlorotoluene  
Concen: 52.576 ug/l  
RT: 11.092 min Scan# 3033  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

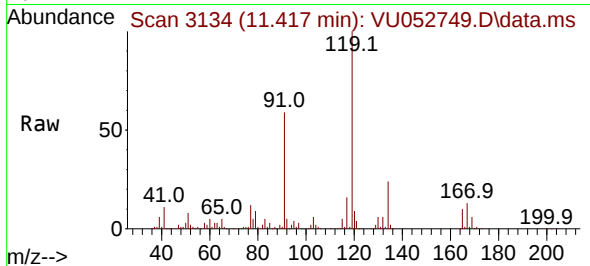
Tgt Ion: 91 Resp: 500376  
Ion Ratio Lower Upper  
91 100  
126 29.6 14.9 44.7





#83  
tert-Butylbenzene  
Concen: 52.785 ug/l  
RT: 11.417 min Scan# 3134  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

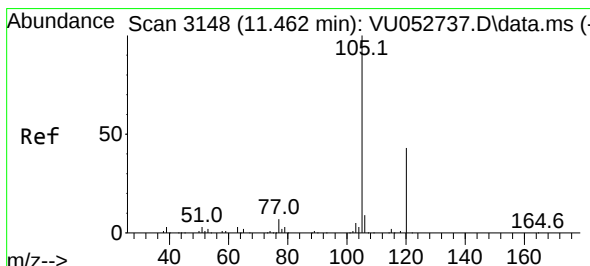
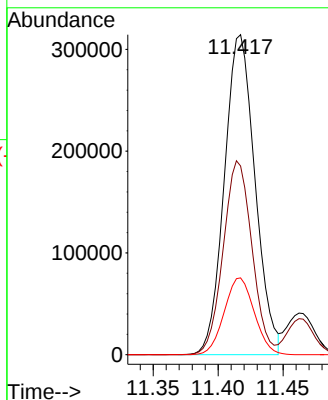
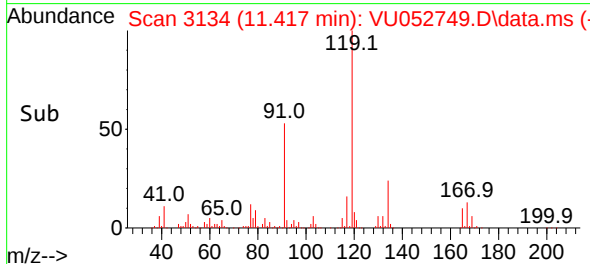
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



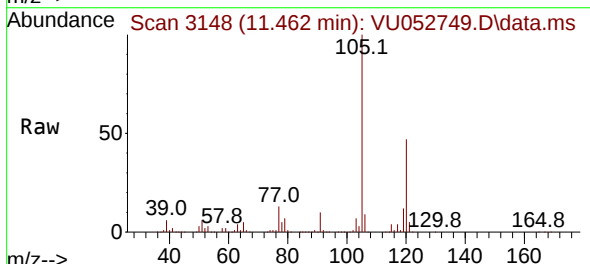
Tgt Ion:119 Resp: 51710  
Ion Ratio Lower Upper  
119 100  
91 56.8 28.4 85.2  
134 23.5 11.5 34.5

Manual Integrations  
APPROVED

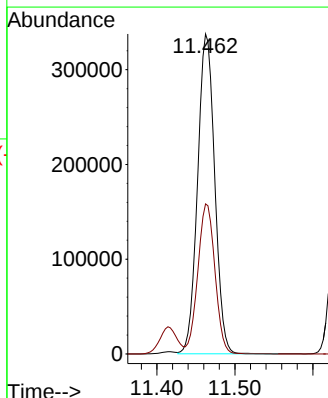
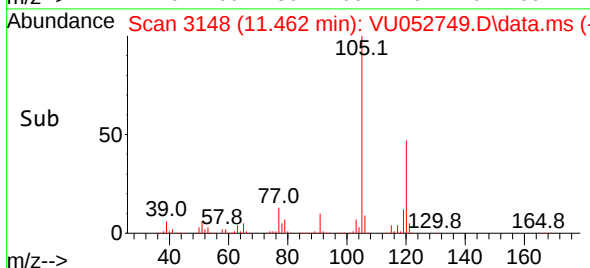
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

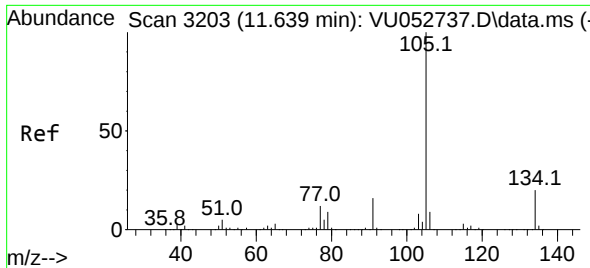


#84  
1,2,4-Trimethylbenzene  
Concen: 54.270 ug/l  
RT: 11.462 min Scan# 3148  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



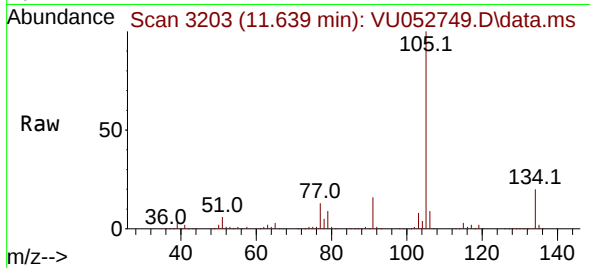
Tgt Ion:105 Resp: 514128  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.2 69.5





#85  
 sec-Butylbenzene  
 Concen: 54.195 ug/l  
 RT: 11.639 min Scan# 31  
 Delta R.T. 0.001 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41

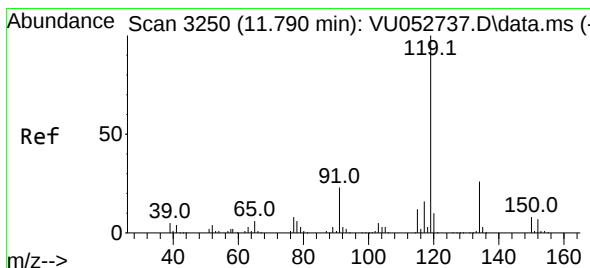
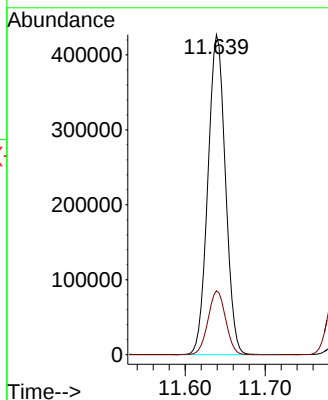
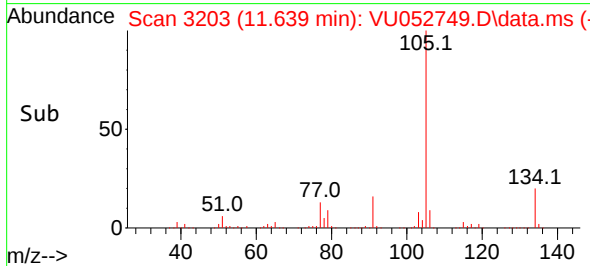
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDCCC050EC



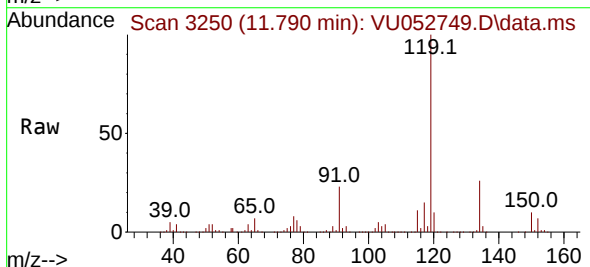
Tgt Ion:105 Resp: 649890  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 10.1 30.3

Manual Integrations  
 APPROVED

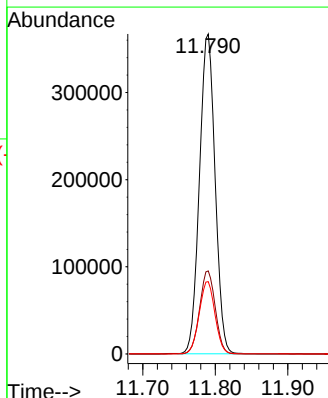
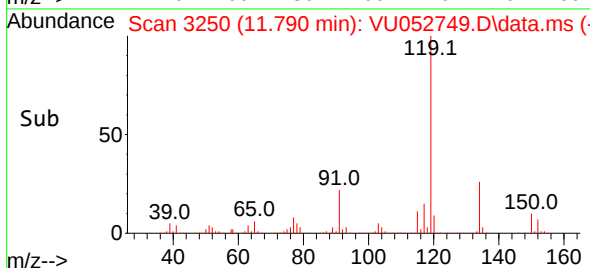
Reviewed By :John Carlone 01/20/2023  
 Supervised By :Mahesh Dadoda 01/20/2023

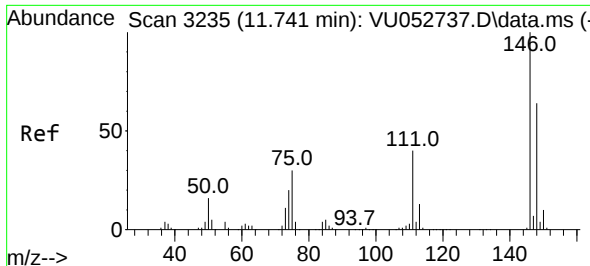


#86  
 p-Isopropyltoluene  
 Concen: 53.970 ug/l  
 RT: 11.790 min Scan# 3250  
 Delta R.T. 0.000 min  
 Lab File: VU052749.D  
 Acq: 19 Jan 2023 20:41



Tgt Ion:119 Resp: 550332  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.1 39.1  
 91 23.0 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 50.188 ug/l

RT: 11.742 min Scan# 3235

Delta R.T. 0.001 min

Lab File: VU052749.D

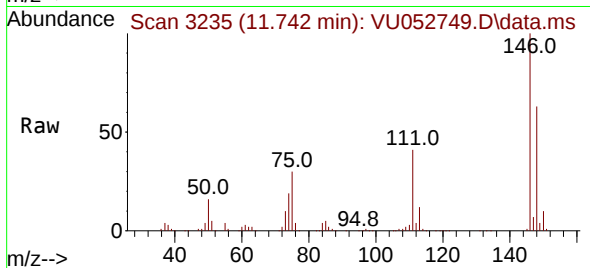
Acq: 19 Jan 2023 20:41

Instrument :

MSVOA\_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 284270

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

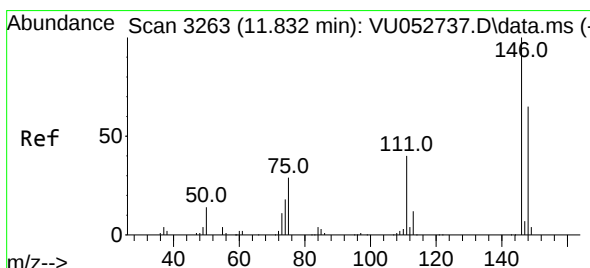
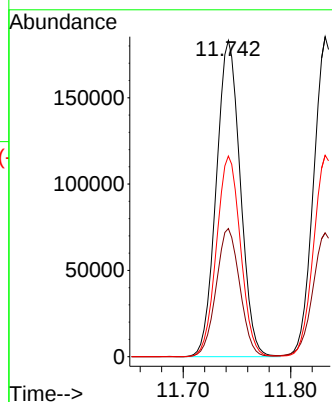
148 63.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#88

1,4-Dichlorobenzene

Concen: 49.067 ug/l

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052749.D

Acq: 19 Jan 2023 20:41

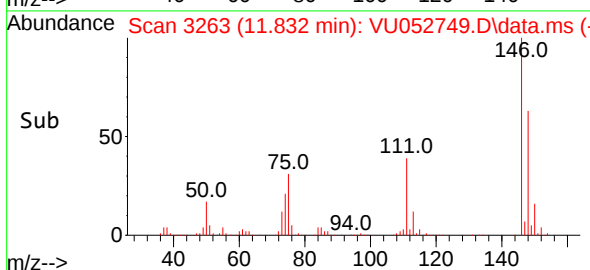
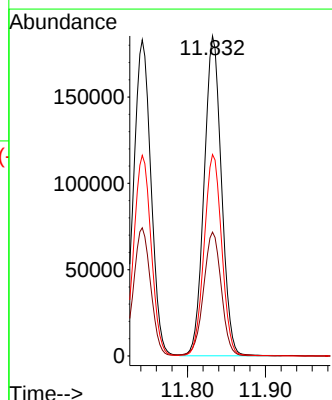
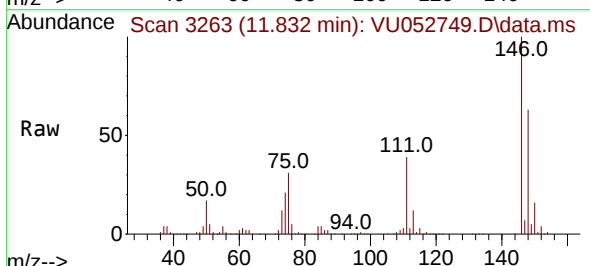
Tgt Ion:146 Resp: 285759

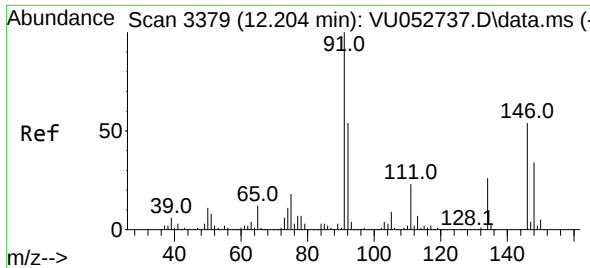
Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

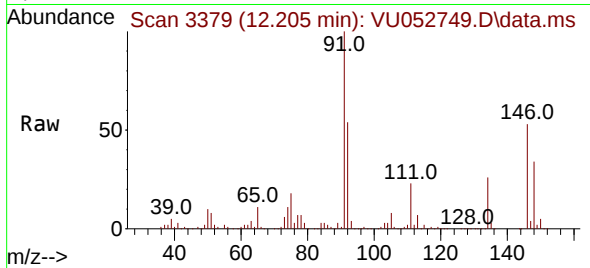
148 63.9 32.3 96.8





#89  
n-Butylbenzene  
Concen: 46.416 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

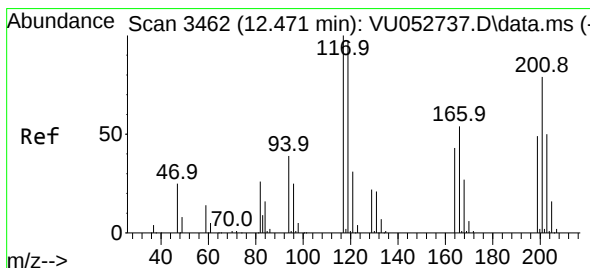
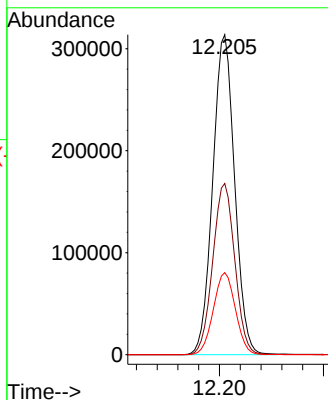
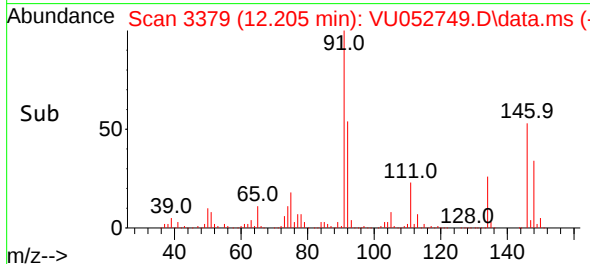
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



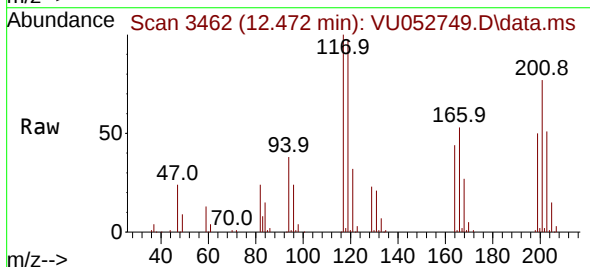
Tgt Ion: 91 Resp: 458439  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.8 80.3  
134 25.9 13.1 39.3

Manual Integrations  
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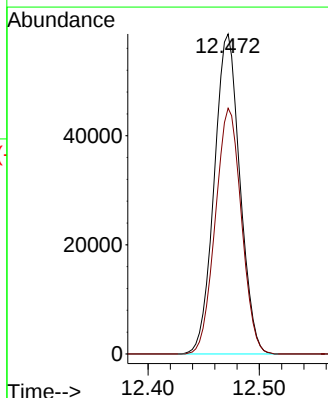
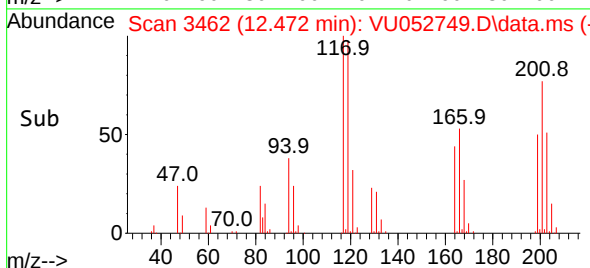
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

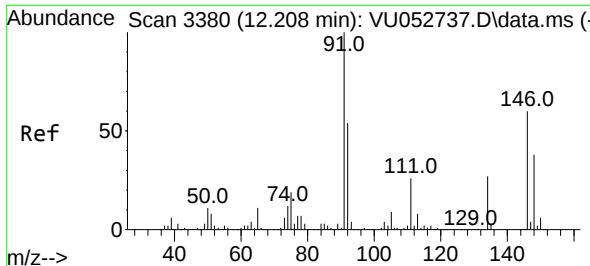


#90  
Hexachloroethane  
Concen: 48.090 ug/l  
RT: 12.472 min Scan# 3462  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



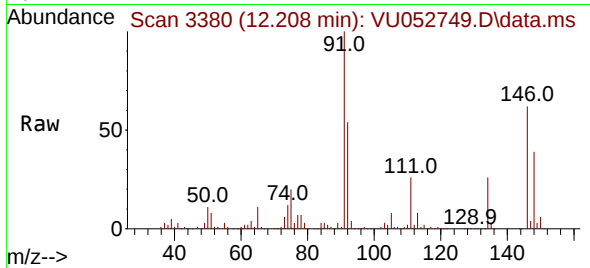
Tgt Ion:117 Resp: 94079  
Ion Ratio Lower Upper  
117 100  
201 77.8 39.3 117.9





#91  
1,2-Dichlorobenzene  
Concen: 49.870 ug/l  
RT: 12.208 min Scan# 3380  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

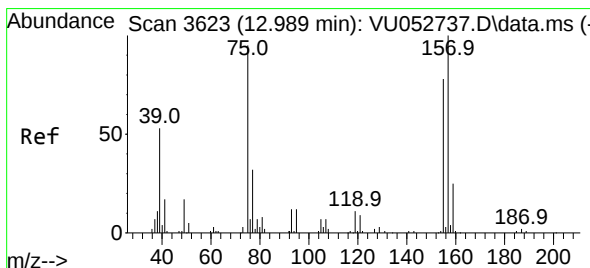
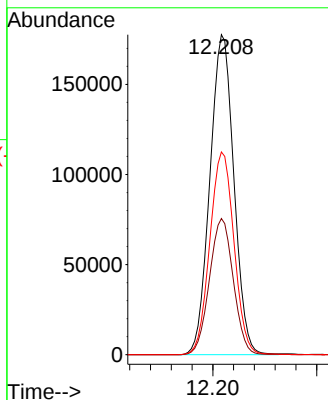
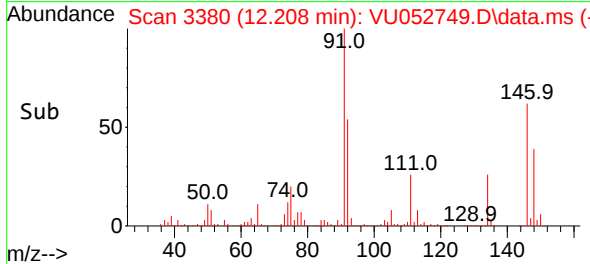
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



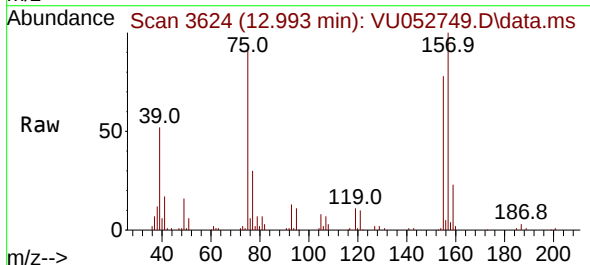
Tgt Ion:146 Resp: 284859  
Ion Ratio Lower Upper  
146 100  
111 42.2 21.1 63.1  
148 63.9 31.4 94.0

Manual Integrations  
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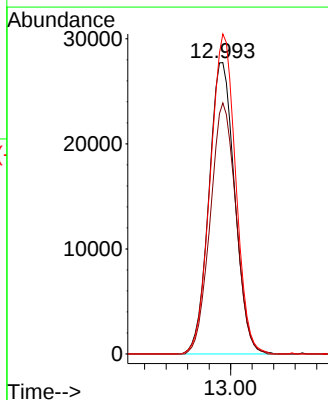
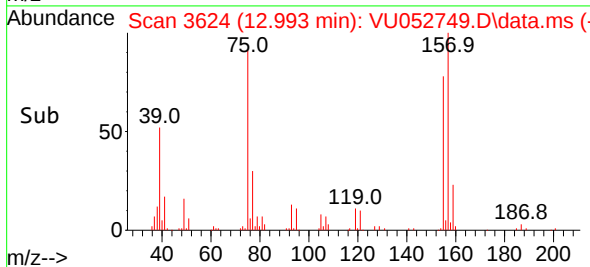
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

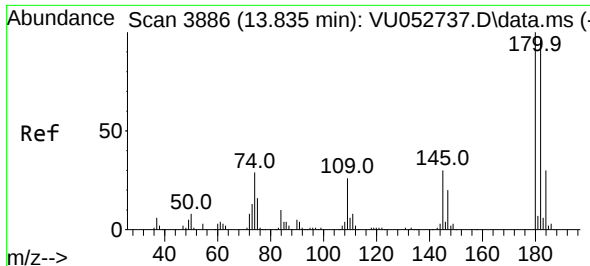


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.986 ug/l  
RT: 12.993 min Scan# 3624  
Delta R.T. 0.004 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



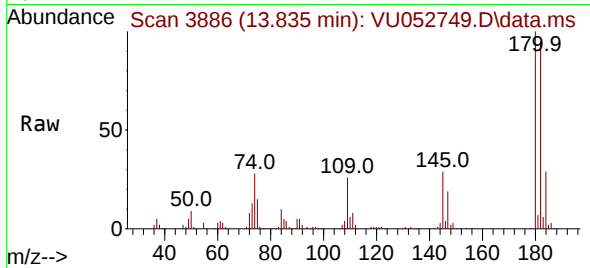
Tgt Ion: 75 Resp: 46267  
Ion Ratio Lower Upper  
75 100  
155 85.5 41.4 124.4  
157 107.8 53.4 160.2





#93  
1,2,4-Trichlorobenzene  
Concen: 52.157 ug/l  
RT: 13.835 min Scan# 3886  
Delta R.T. 0.000 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

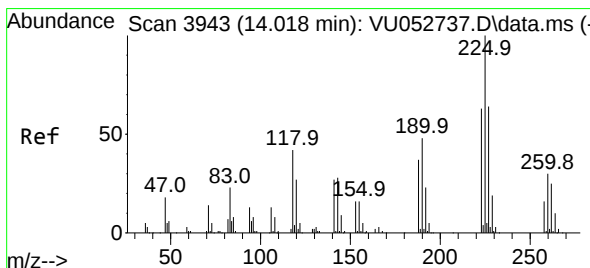
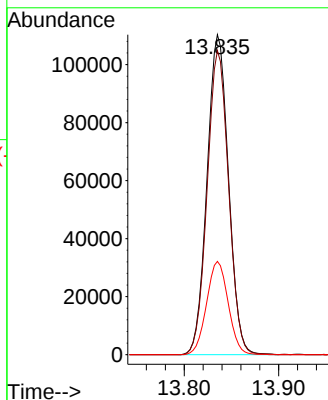
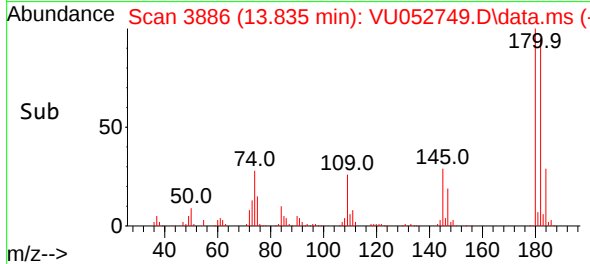
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



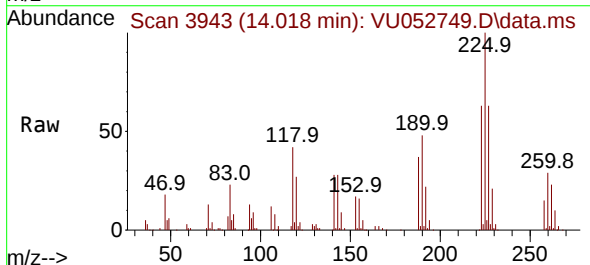
Tgt Ion:180 Resp: 173999  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.4 142.3  
145 29.3 14.9 44.5

Manual Integrations  
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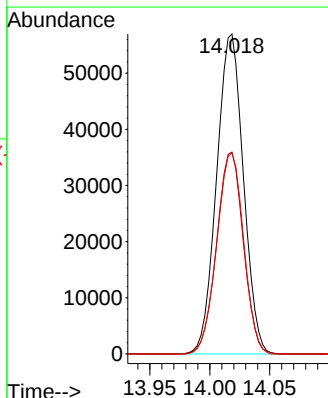
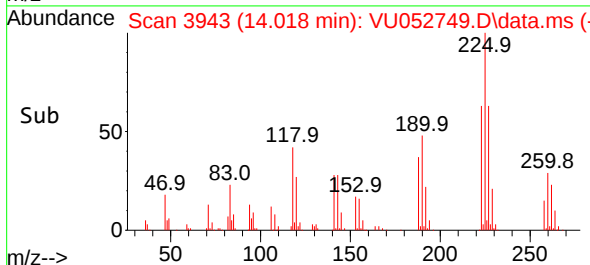
Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023

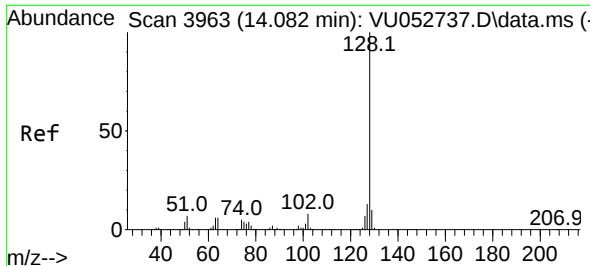


#94  
Hexachlorobutadiene  
Concen: 47.824 ug/l  
RT: 14.018 min Scan# 3943  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41



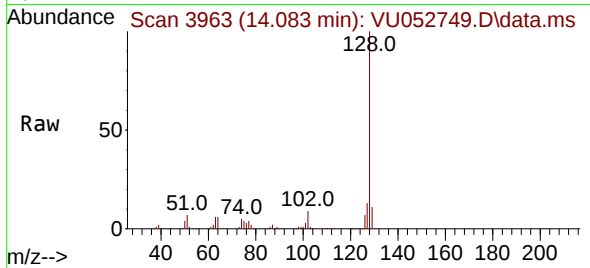
Tgt Ion:225 Resp: 88434  
Ion Ratio Lower Upper  
225 100  
223 62.9 31.8 95.3  
227 63.0 31.8 95.4





#95  
Naphthalene  
Concen: 48.013 ug/l  
RT: 14.083 min Scan# 3963  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

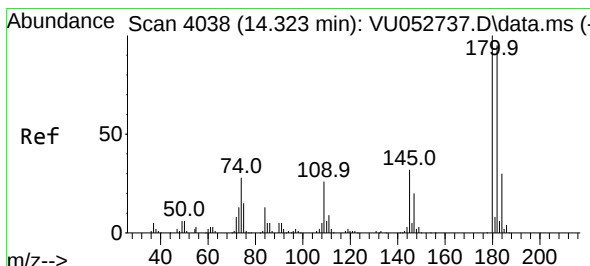
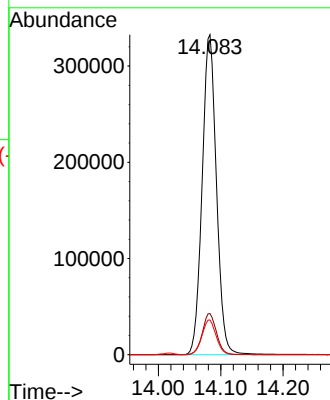
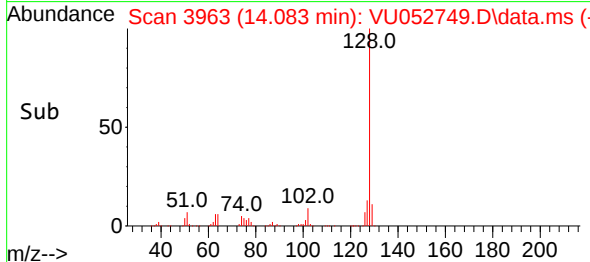
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:128 Resp: 530758  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.8 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/20/2023  
Supervised By :Mahesh Dadoda 01/20/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 52.385 ug/l  
RT: 14.324 min Scan# 4038  
Delta R.T. 0.001 min  
Lab File: VU052749.D  
Acq: 19 Jan 2023 20:41

Tgt Ion:180 Resp: 173491  
Ion Ratio Lower Upper  
180 100  
182 95.5 48.1 144.3  
145 31.2 15.8 47.4

