

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD073123\  
 Data File : VD076871.D  
 Acq On : 31 Jul 2023 13:38  
 Operator : KP/SY  
 Sample : VD0731SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/01/2023  
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 02:10:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 17 08:07:52 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 7.875          | 168  | 175001     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775          | 114  | 308032     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581         | 117  | 285548     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516         | 152  | 133324     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228          | 65   | 82498      | 47.329   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 94.660%  |        |          |
| 35) Dibromofluoromethane     | 7.805          | 113  | 99198      | 51.247   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 102.500% |        |          |
| 50) Toluene-d8               | 10.269         | 98   | 321219     | 46.387   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = | 92.780%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.575         | 95   | 107412     | 47.949   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = | 95.900%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.928          | 85   | 29405      | 21.487   | ug/l   | 97       |
| 3) Chloromethane             | 2.146          | 50   | 41284      | 17.488   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.281          | 62   | 57570      | 18.294   | ug/l   | 91       |
| 5) Bromomethane              | 2.675          | 94   | 50720      | 19.589   | ug/l   | 97       |
| 6) Chloroethane              | 2.828          | 64   | 44631      | 18.785   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.170          | 101  | 60502      | 21.607   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.587          | 74   | 18724      | 19.422   | ug/l   | 88       |
| 9) 1,1,2-Trichlorotrifluo... | 3.970          | 101  | 41662      | 22.635   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.158          | 142  | 41754      | 20.124   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.052          | 59   | 14966      | 115.061  | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 3.934          | 96   | 34440      | 19.916   | ug/l   | 94       |
| 13) Acrolein                 | 3.793          | 56   | 9865       | 111.296  | ug/l   | 97       |
| 14) Allyl chloride           | 4.564          | 41   | 45794      | 20.159   | ug/l   | 91       |
| 15) Acrylonitrile            | 5.252          | 53   | 47018      | 99.299   | ug/l   | 98       |
| 16) Acetone                  | 4.017          | 43   | 41547      | 99.805   | ug/l   | 87       |
| 17) Carbon Disulfide         | 4.264          | 76   | 68010      | 16.839   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.564          | 43   | 33702      | 21.548   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.322          | 73   | 94019      | 20.274   | ug/l # | 91       |
| 20) Methylene Chloride       | 4.799          | 84   | 74778      | 25.022   | ug/l # | 87       |
| 21) trans-1,2-Dichloroethene | 5.305          | 96   | 39099      | 19.451   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.211          | 45   | 111513     | 20.730   | ug/l   | 89       |
| 23) Vinyl Acetate            | 6.152          | 43   | 256937m    | 96.535   | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.111          | 63   | 75421      | 20.795   | ug/l   | 99       |
| 25) 2-Butanone               | 7.081          | 43   | 61501      | 110.389  | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 7.075          | 77   | 69456      | 22.215   | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 7.075          | 96   | 49836      | 20.112   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.422          | 49   | 19469      | 21.471   | ug/l   | 85       |
| 29) Tetrahydrofuran          | 7.446          | 42   | 32891      | 99.920   | ug/l   | 91       |
| 30) Chloroform               | 7.593          | 83   | 86856      | 21.864   | ug/l   | 98       |
| 31) Cyclohexane              | 7.869          | 56   | 49497      | 19.295   | ug/l   | 90       |
| 32) 1,1,1-Trichloroethane    | 7.787          | 97   | 71972      | 22.456   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.005          | 75   | 55392      | 21.899   | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.169          | 43   | 23029      | 20.358   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.987          | 117  | 56260      | 23.229   | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.269          | 83   | 58034      | 19.870   | ug/l   | 97       |
| 40) Benzene                  | 8.252          | 78   | 170440     | 21.356   | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD073123\  
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 Operator : KP/SY  
 Sample : VD0731SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 08/01/2023  
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 02:10:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 17 08:07:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 11804    | 17.088  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 48380    | 23.330  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.358  | 43   | 46100    | 20.882  | ug/l   | 92       |
| 44) Trichloroethene           | 9.034  | 130  | 46284    | 21.282  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 45832    | 22.247  | ug/l   | 95       |
| 46) Dibromomethane            | 9.387  | 93   | 28215    | 23.397  | ug/l   | 86       |
| 47) Bromodichloromethane      | 9.587  | 83   | 66367    | 21.931  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.381  | 41   | 19015    | 18.925  | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 6604     | 427.440 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 126938   | 107.995 | ug/l   | 93       |
| 52) Toluene                   | 10.328 | 92   | 108484   | 20.696  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 60550    | 21.557  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 71377    | 21.562  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 39002    | 22.149  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 40974    | 20.160  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 62071    | 21.645  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 86819    | 110.356 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.922 | 43   | 85450    | 101.884 | ug/l   | 94       |
| 60) Dibromochloromethane      | 11.075 | 129  | 46464    | 22.713  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 34547    | 21.161  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.810 | 164  | 34771    | 21.355  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.604 | 112  | 125602   | 21.871  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 46699    | 21.841  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 213984   | 21.216  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.793 | 106  | 164564   | 42.484  | ug/l   | 93       |
| 69) o-Xylene                  | 12.122 | 106  | 76285    | 20.366  | ug/l   | 88       |
| 70) Styrene                   | 12.134 | 104  | 138587   | 21.135  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 26119    | 22.304  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.422 | 105  | 208508   | 21.556  | ug/l   | 94       |
| 74) N-amyl acetate            | 12.234 | 43   | 42931    | 21.067  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 45791    | 22.048  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 30078m   | 23.723  | ug/l   |          |
| 77) Bromobenzene              | 12.704 | 156  | 50700    | 22.707  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.763 | 91   | 260305   | 22.198  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 142269   | 22.126  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 172745   | 22.086  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 13085    | 21.964  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 147108   | 21.900  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 150005   | 21.782  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 169775   | 21.241  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 228678   | 21.734  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 188574   | 21.701  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 99166    | 21.594  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 100945   | 22.435  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.787 | 91   | 181361   | 21.329  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 38582    | 24.016  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 89949    | 22.228  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 6088     | 20.559  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 53915    | 21.824  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 26187    | 22.040  | ug/l   | 99       |
| 95) Naphthalene               | 15.328 | 128  | 112349   | 21.003  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 48605    | 21.924  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD073123\  
Data File : VD076871.D  
Acq On : 31 Jul 2023 13:38  
Operator : KP/SY  
Sample : VD0731SBSD01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Manual Integrations  
APPROVED

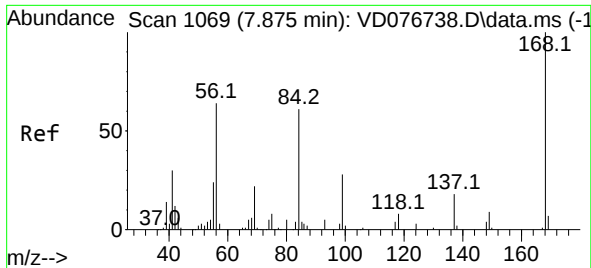
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 02:10:04 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 17 08:07:52 2023  
Response via : Initial Calibration

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

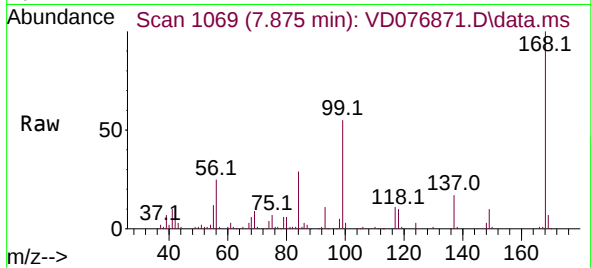
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

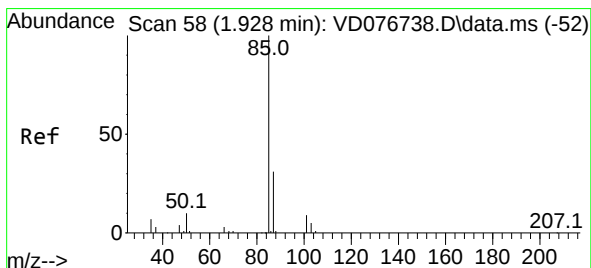
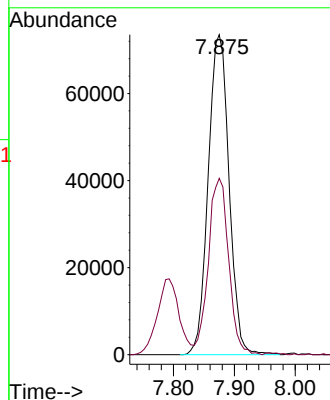
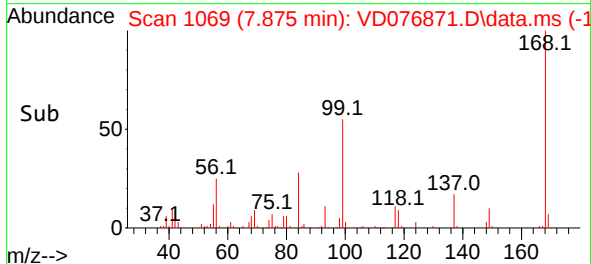
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



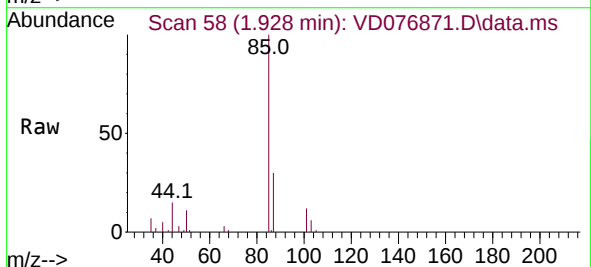
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Ion Ratio Lower Upper  
168 100  
99 54.8 36.7 55.1

Manual Integrations  
APPROVED

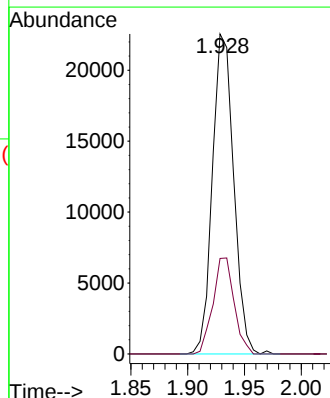
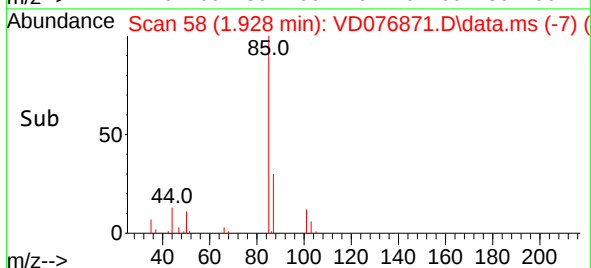
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

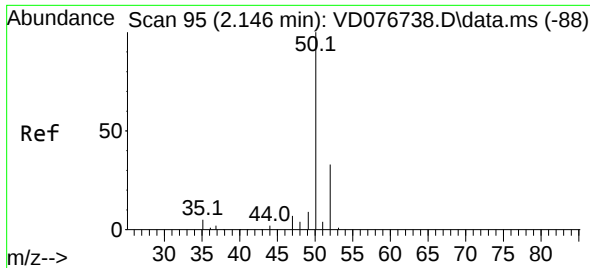


#2  
Dichlorodifluoromethane  
Concen: 21.487 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



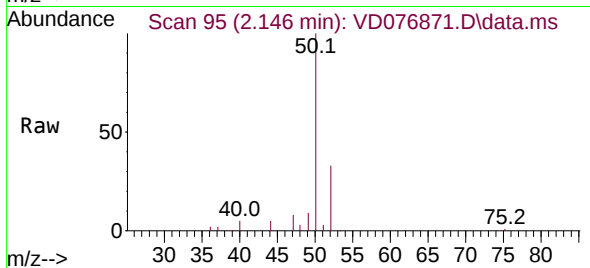
Tgt Ion: 85 Resp: 29405  
Ion Ratio Lower Upper  
85 100  
87 29.9 15.7 47.0





#3  
Chloromethane  
Concen: 17.488 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

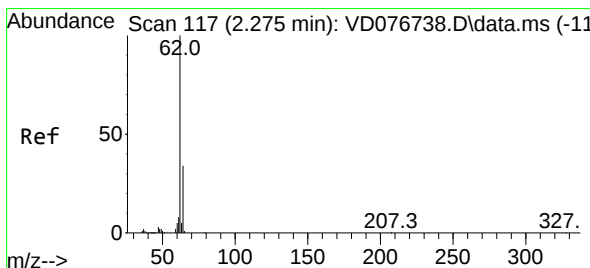
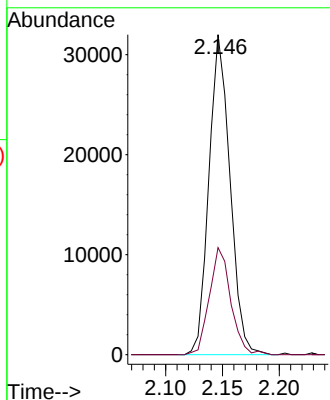
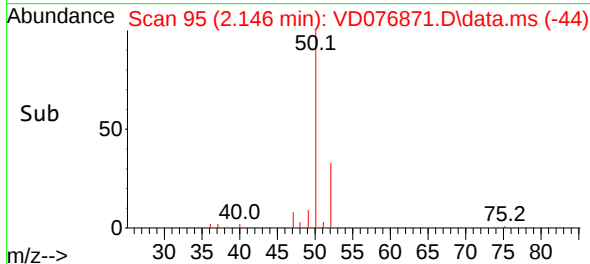
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



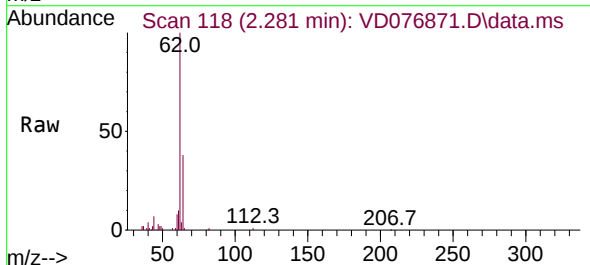
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Ion Ratio Lower Upper  
50 100  
52 33.4 26.6 40.0

Manual Integrations  
APPROVED

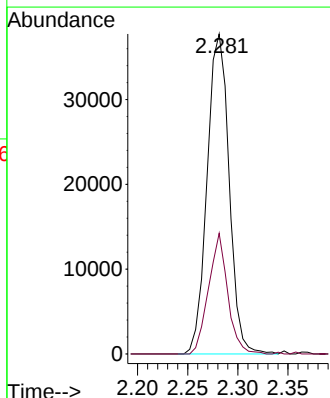
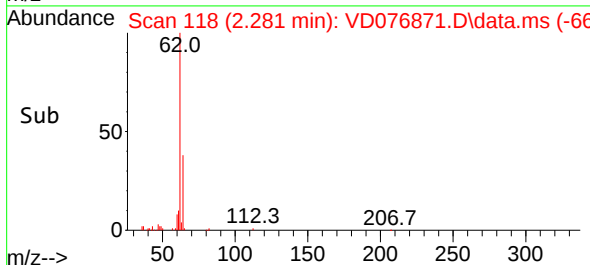
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

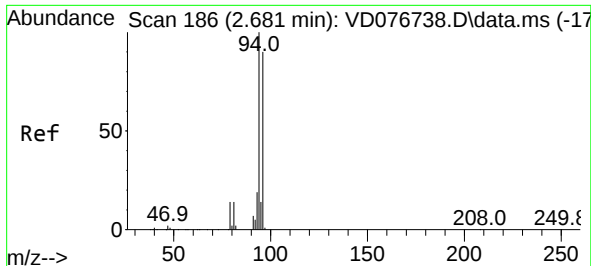


#4  
Vinyl Chloride  
Concen: 18.294 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



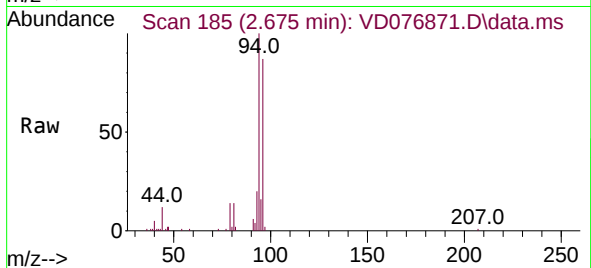
Tgt Ion: 62 Resp: 57570  
Ion Ratio Lower Upper  
62 100  
64 37.7 26.0 39.0





#5  
Bromomethane  
Concen: 19.589 ug/l  
RT: 2.675 min Scan# 186  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

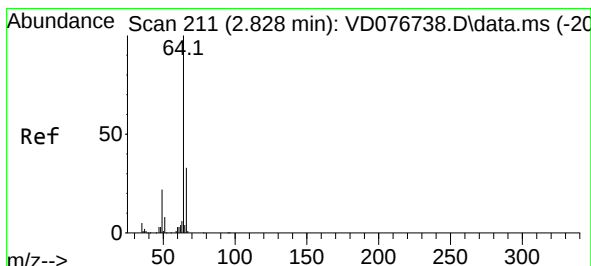
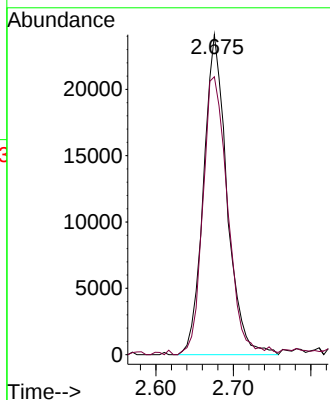
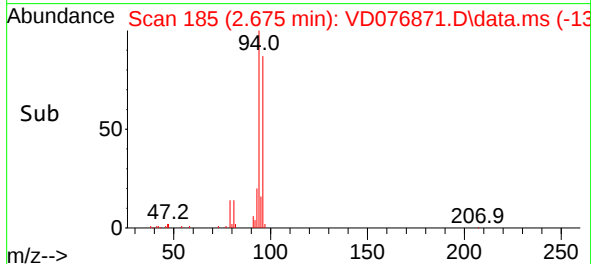
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01



Tgt Ion: 94 Resp: 50720  
Ion Ratio Lower Upper  
94 100  
96 92.4 75.8 113.8

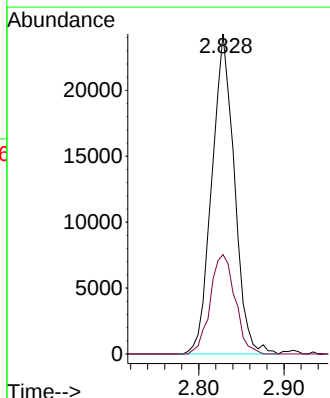
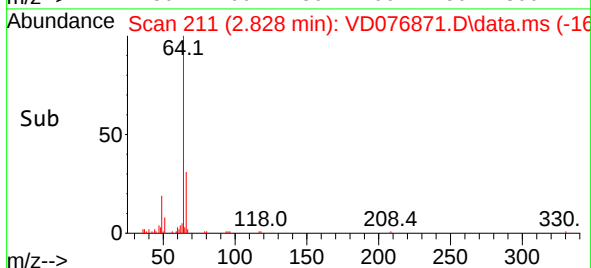
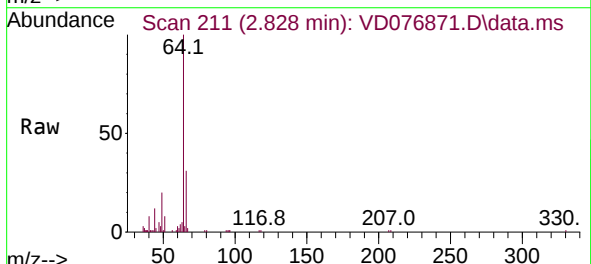
Manual Integrations  
APPROVED

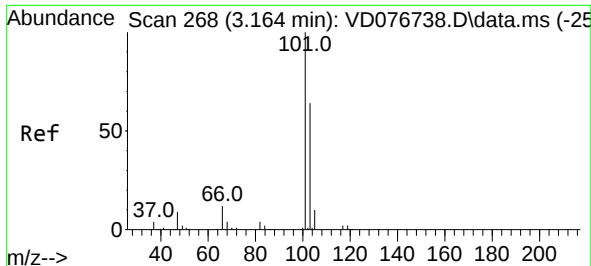
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#6  
Chloroethane  
Concen: 18.785 ug/l  
RT: 2.828 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 64 Resp: 44631  
Ion Ratio Lower Upper  
64 100  
66 31.0 25.5 38.3





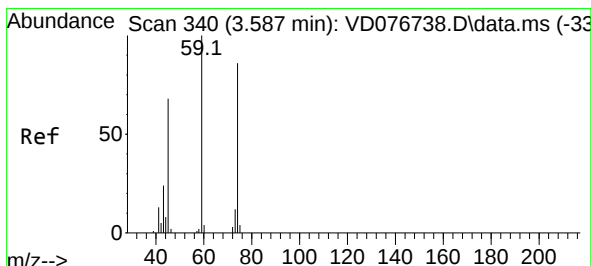
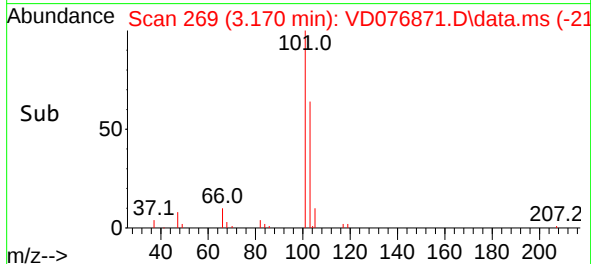
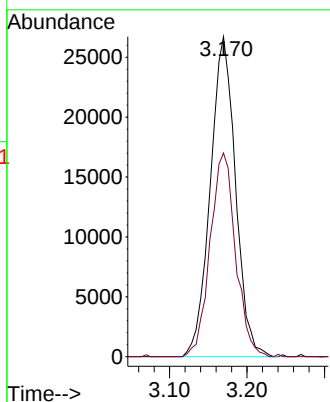
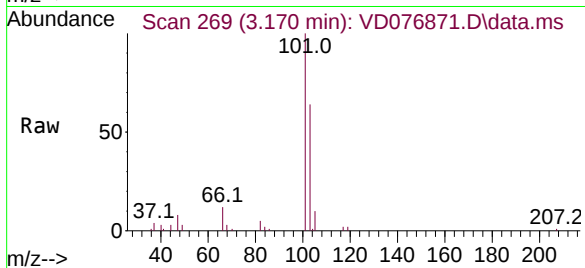
#7  
Trichlorofluoromethane  
Concen: 21.607 ug/l  
RT: 3.170 min Scan# 207  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tgt Ion:101 Resp: 60502  
Ion Ratio Lower Upper  
101 100  
103 63.7 52.3 78.5

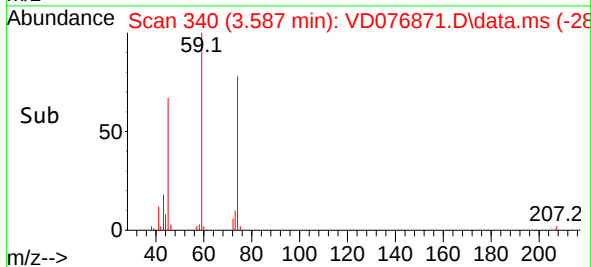
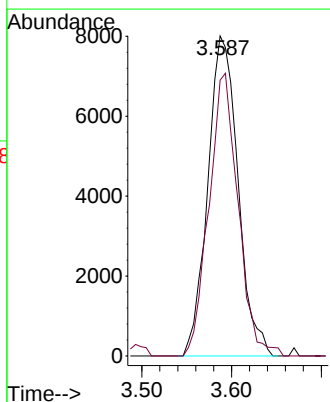
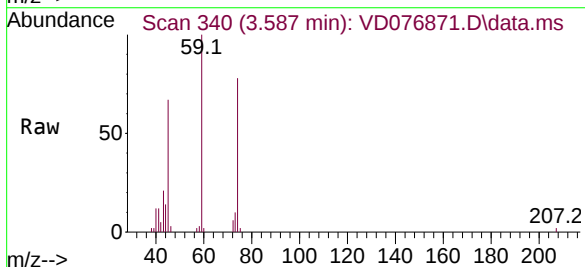
Manual Integrations  
APPROVED

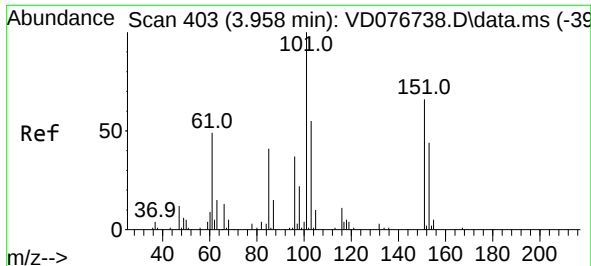
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#8  
Diethyl Ether  
Concen: 19.422 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 74 Resp: 18724  
Ion Ratio Lower Upper  
74 100  
45 85.2 37.5 112.7





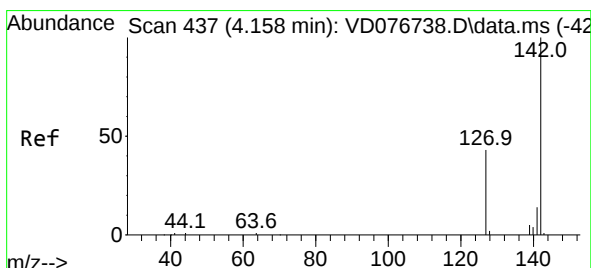
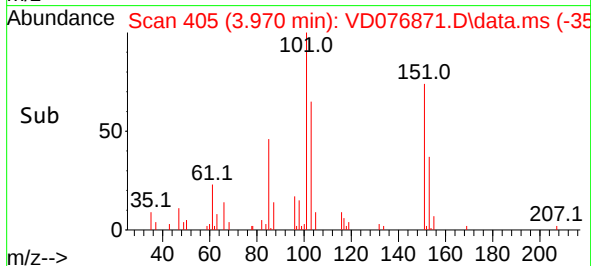
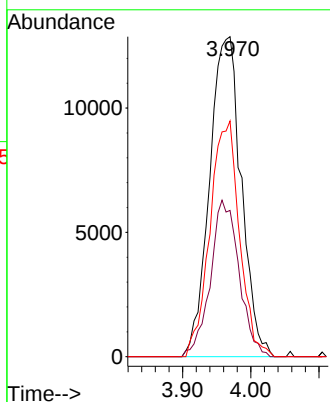
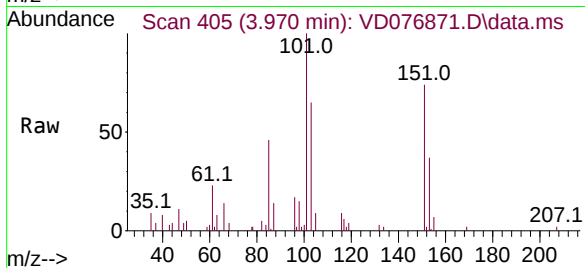
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.635 ug/l  
RT: 3.970 min Scan# 403  
Delta R.T. 0.012 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tgt Ion:101 Resp: 41662  
Ion Ratio Lower Upper  
101 100  
85 44.3 33.8 50.6  
151 68.6 59.8 89.6

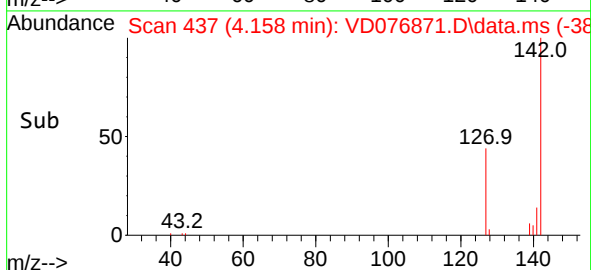
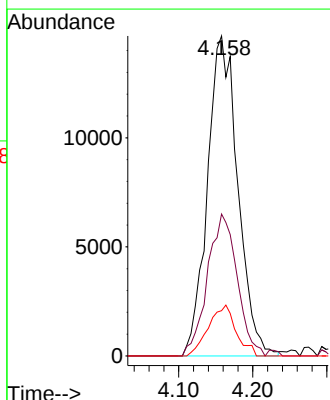
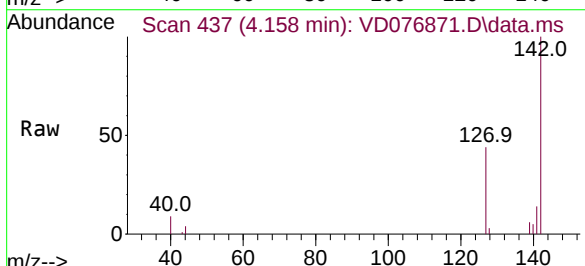
Manual Integrations  
APPROVED

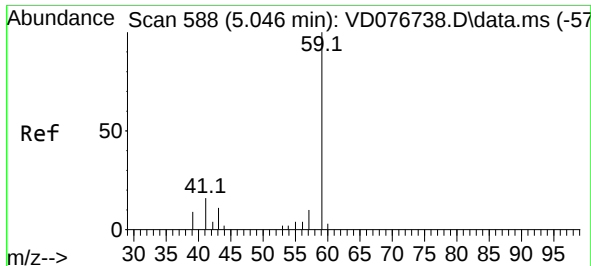
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#10  
Methyl Iodide  
Concen: 20.124 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion:142 Resp: 41754  
Ion Ratio Lower Upper  
142 100  
127 43.3 29.4 44.0  
141 14.4 11.1 16.7





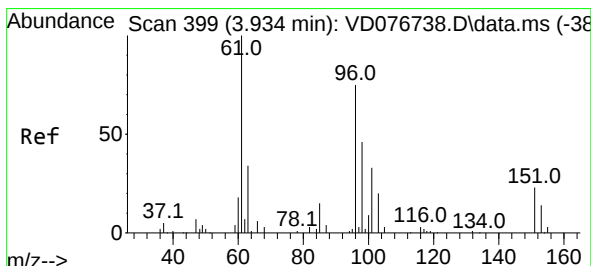
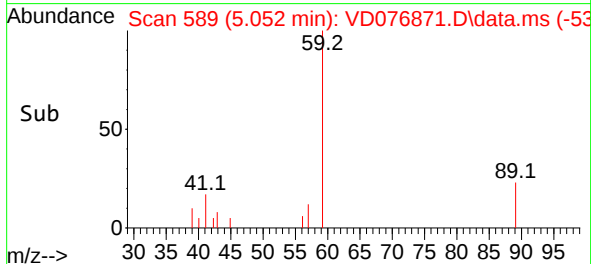
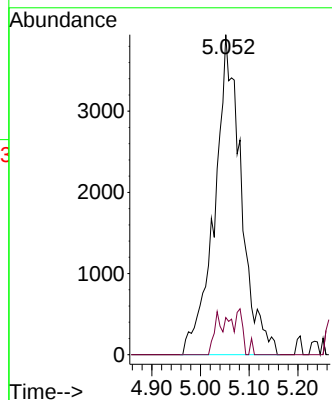
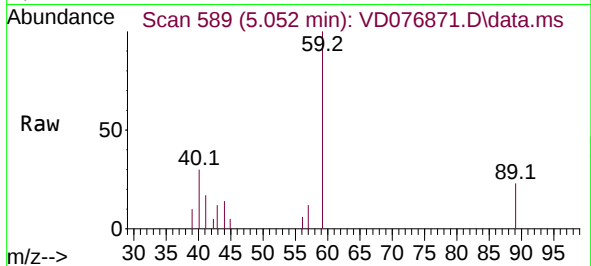
#11  
Tert butyl alcohol  
Concen: 115.061 ug/l  
RT: 5.052 min Scan# 589  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tgt Ion: 59 Resp: 14960  
Ion Ratio Lower Upper  
59 100  
57 3.7 7.8 11.8

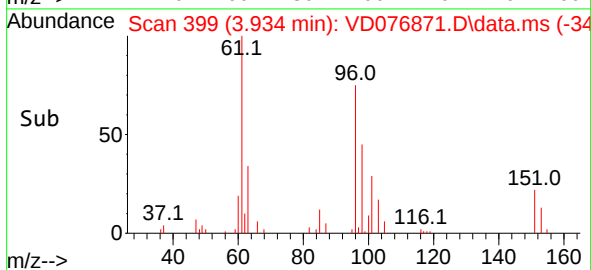
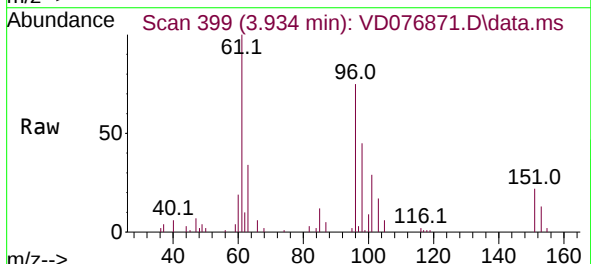
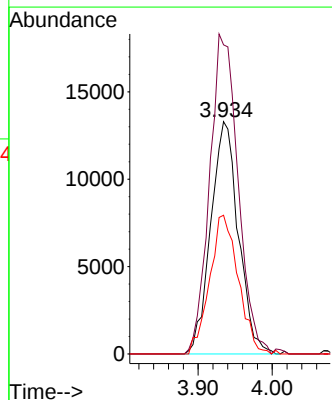
Manual Integrations  
APPROVED

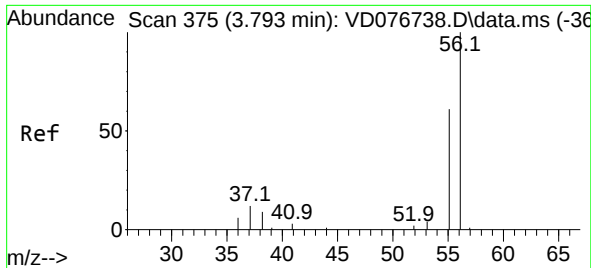
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#12  
1,1-Dichloroethene  
Concen: 19.916 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 96 Resp: 34440  
Ion Ratio Lower Upper  
96 100  
61 133.1 100.6 150.8  
98 59.8 50.2 75.2





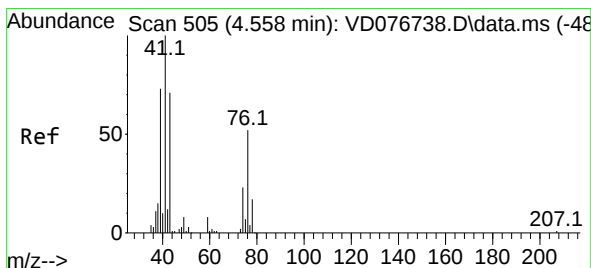
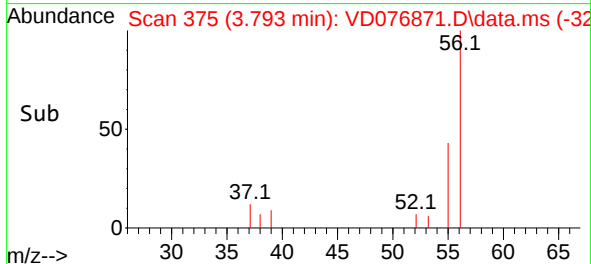
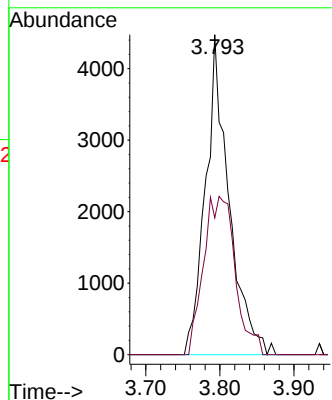
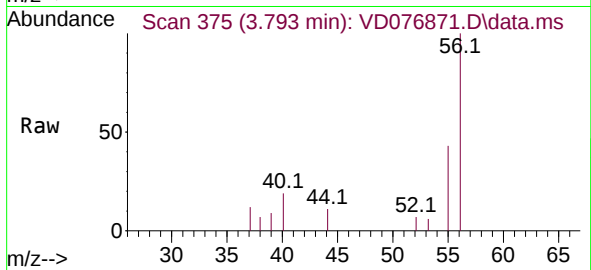
#13  
Acrolein  
Concen: 111.296 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 56 Resp: 986  
Ion Ratio Lower Upper  
56 100  
55 66.7 55.1 82.7

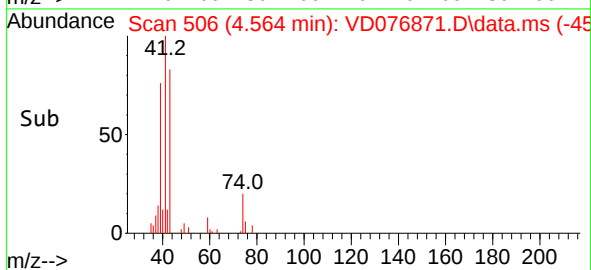
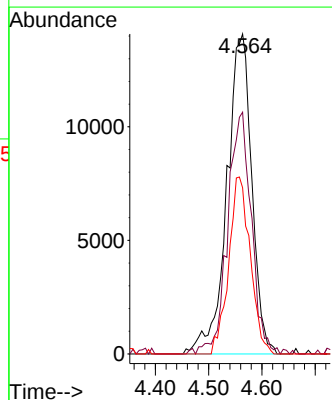
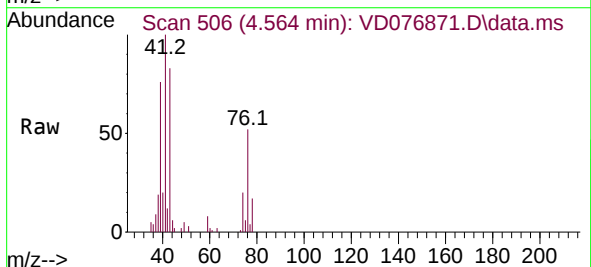
Manual Integrations  
APPROVED

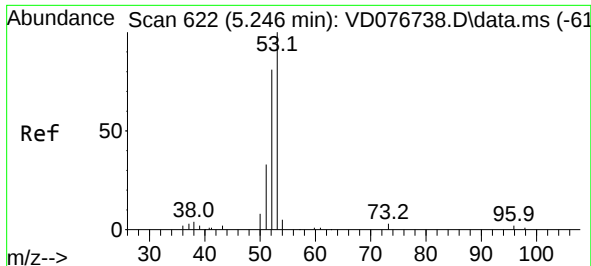
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#14  
Allyl chloride  
Concen: 20.159 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

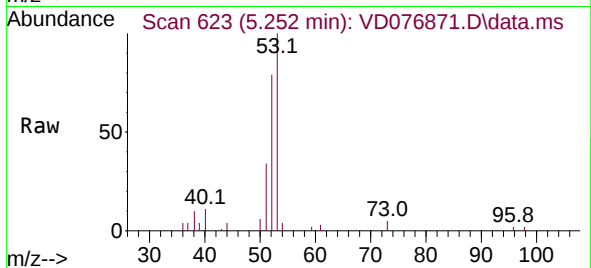
Tgt Ion: 41 Resp: 45794  
Ion Ratio Lower Upper  
41 100  
39 71.5 53.8 80.6  
76 47.8 45.8 68.8





#15  
Acrylonitrile  
Concen: 99.299 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

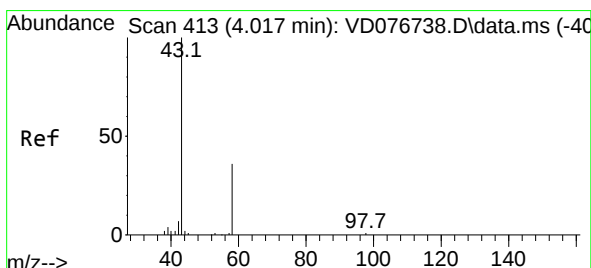
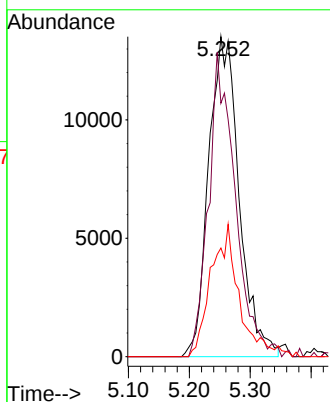
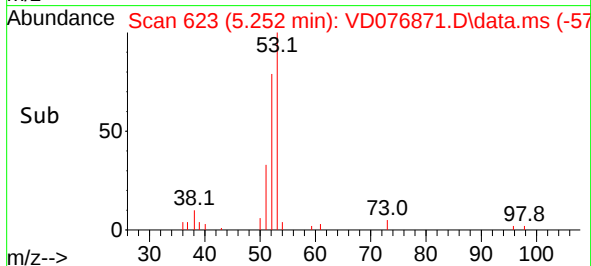
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



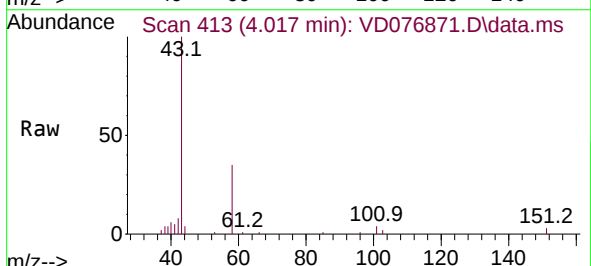
Tgt Ion: 53 Resp: 47018  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.0 97.4  
51 37.4 28.3 42.5

Manual Integrations  
APPROVED

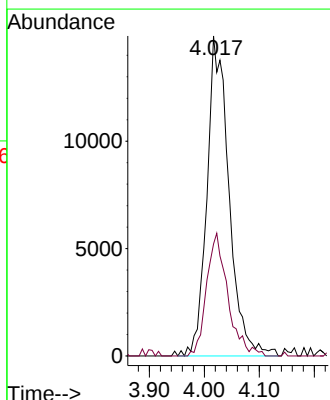
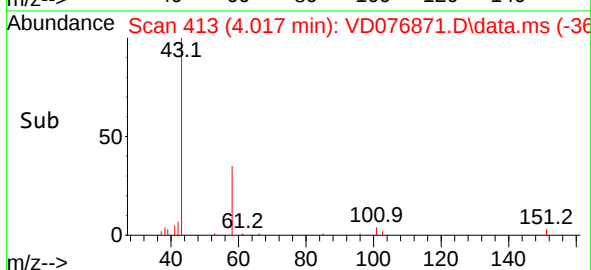
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

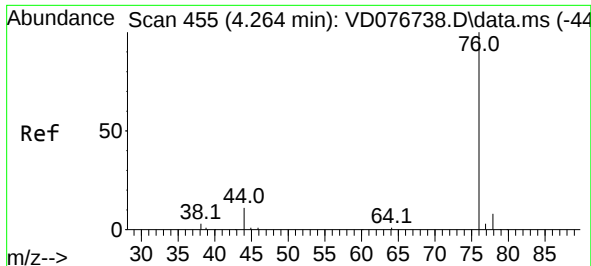


#16  
Acetone  
Concen: 99.805 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



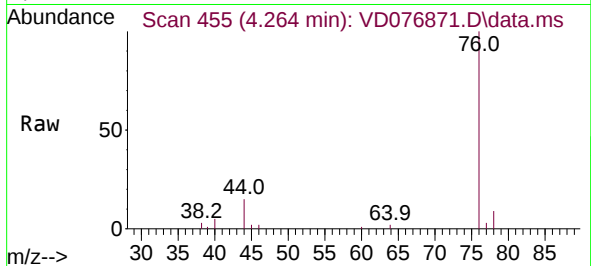
Tgt Ion: 43 Resp: 41547  
Ion Ratio Lower Upper  
43 100  
58 35.0 34.7 52.1





#17  
Carbon Disulfide  
Concen: 16.839 ug/l  
RT: 4.264 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

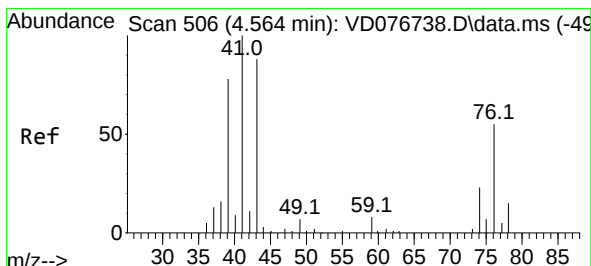
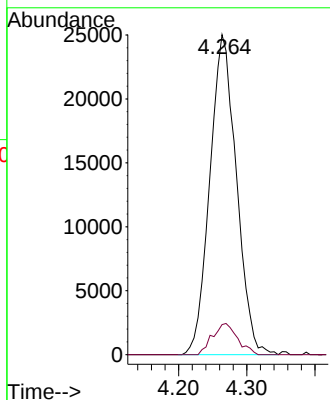
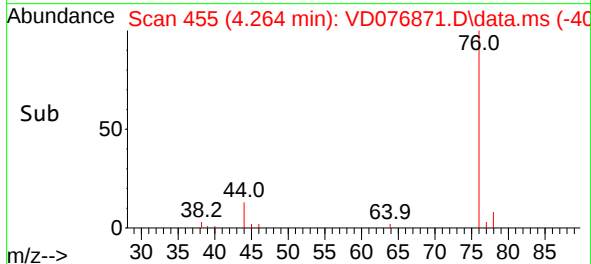
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



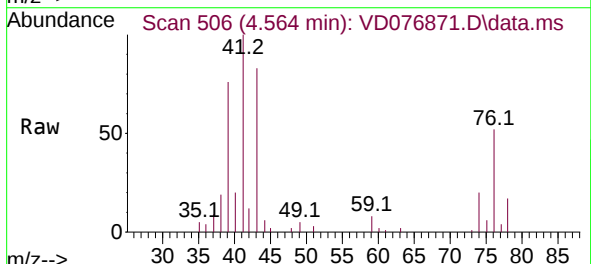
Tgt Ion: 76 Resp: 68010  
Ion Ratio Lower Upper  
76 100  
78 9.4 6.8 10.2

Manual Integrations  
APPROVED

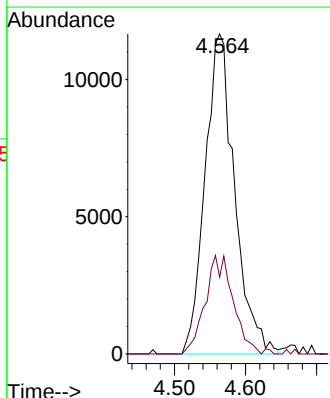
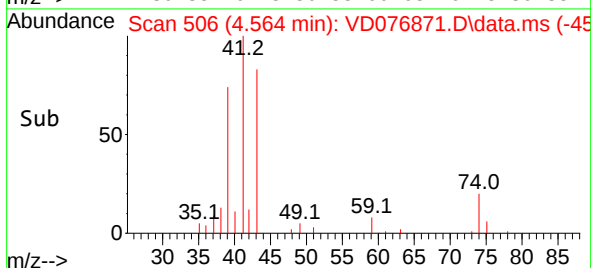
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

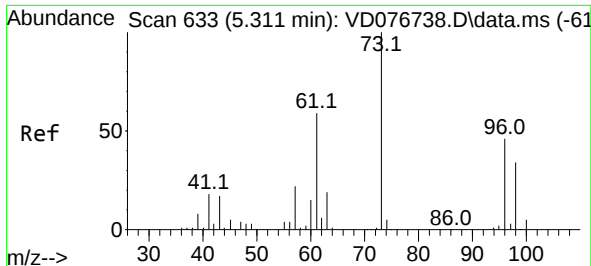


#18  
Methyl Acetate  
Concen: 21.548 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



Tgt Ion: 43 Resp: 33702  
Ion Ratio Lower Upper  
43 100  
74 29.0 26.4 39.6





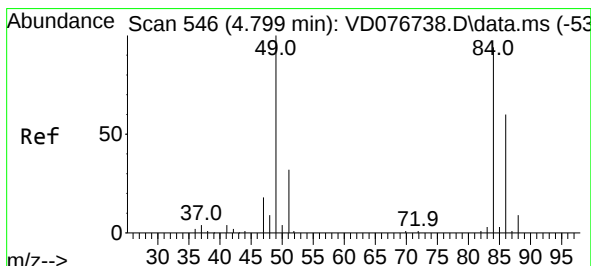
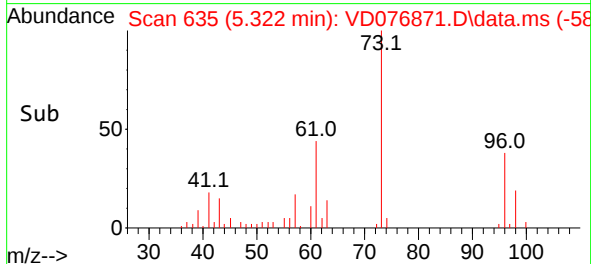
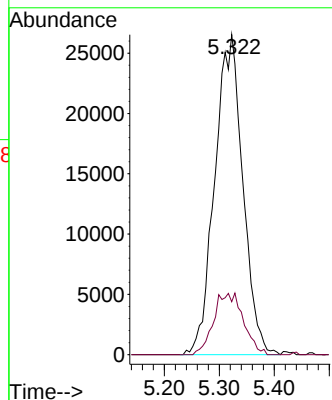
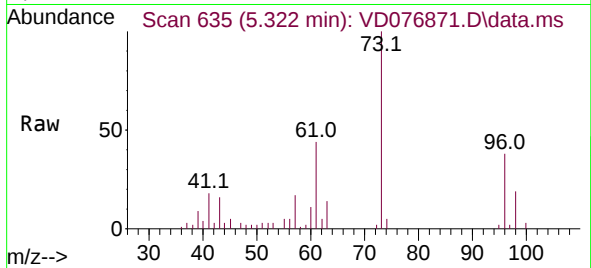
#19  
Methyl tert-butyl Ether  
Concen: 20.274 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 73 Resp: 94019  
Ion Ratio Lower Upper  
73 100  
57 16.5 16.6 25.0

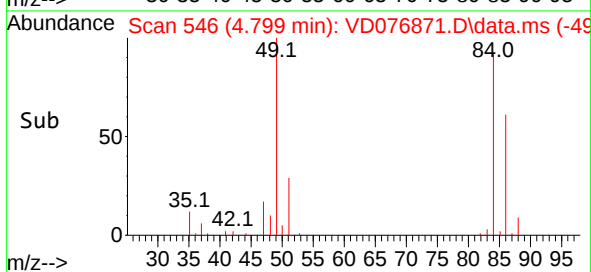
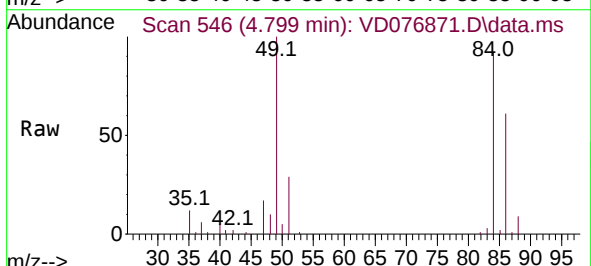
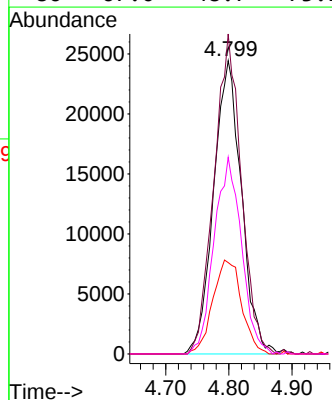
Manual Integrations  
APPROVED

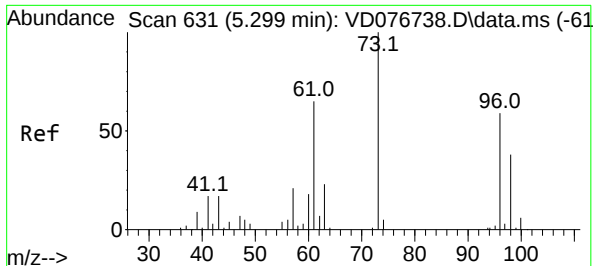
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#20  
Methylene Chloride  
Concen: 25.022 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

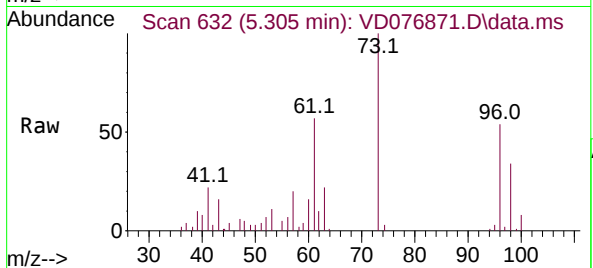
Tgt Ion: 84 Resp: 74778  
Ion Ratio Lower Upper  
84 100  
49 109.1 71.4 107.2#  
51 31.1 24.5 36.7  
86 67.0 48.7 73.1





#21  
trans-1,2-Dichloroethene  
Concen: 19.451 ug/l  
RT: 5.305 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

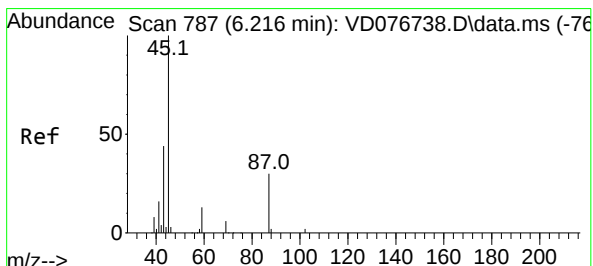
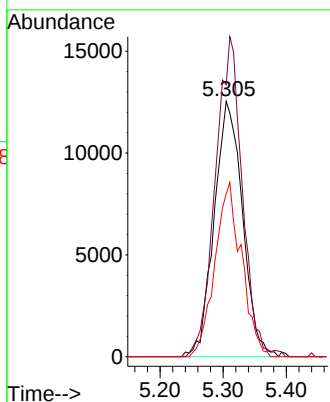
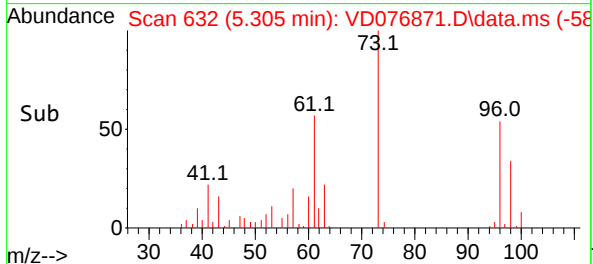
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01



Tgt Ion: 96 Resp: 3909  
Ion Ratio Lower Upper  
96 100  
61 106.5 89.3 133.9  
98 63.7 48.6 73.0

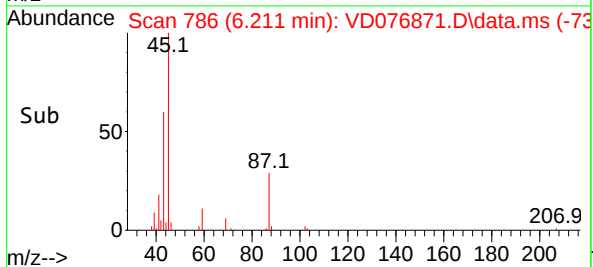
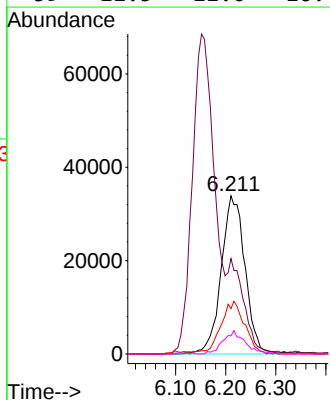
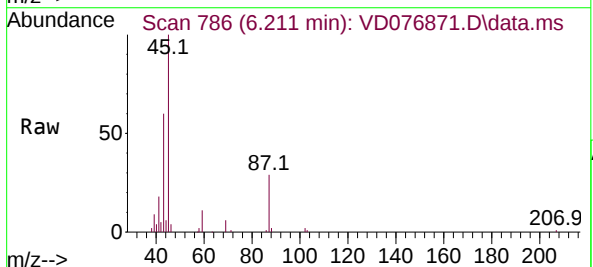
Manual Integrations  
APPROVED

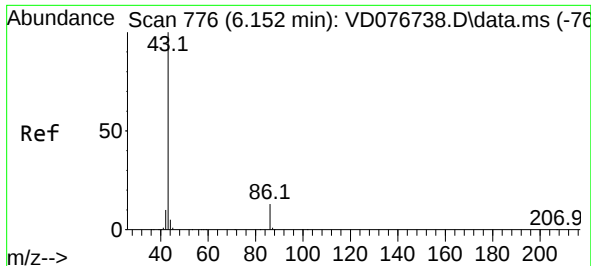
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#22  
Diisopropyl ether  
Concen: 20.730 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. -0.005 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

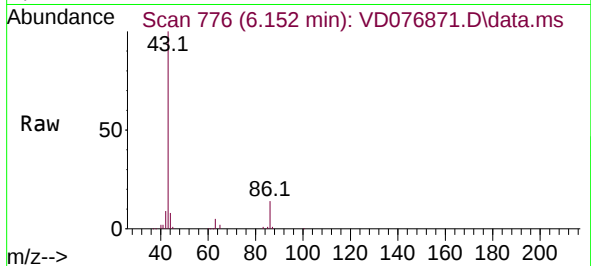
Tgt Ion: 45 Resp: 111513  
Ion Ratio Lower Upper  
45 100  
43 58.6 40.0 60.0  
87 28.7 28.2 42.4  
59 11.5 11.0 16.4





#23  
 Vinyl Acetate  
 Concen: 96.535 ug/l m  
 RT: 6.152 min Scan# 776  
 Delta R.T. -0.000 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38

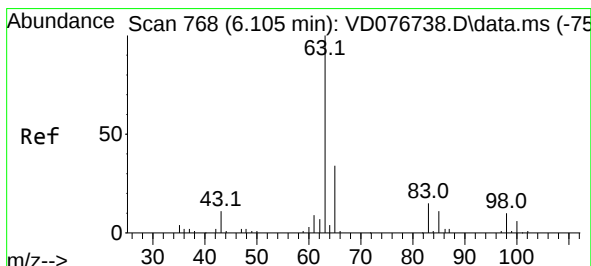
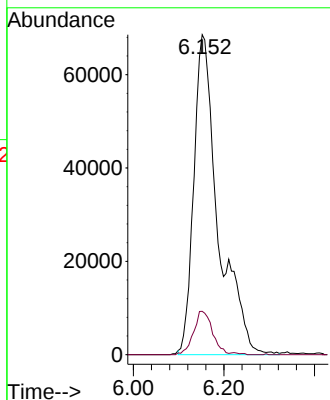
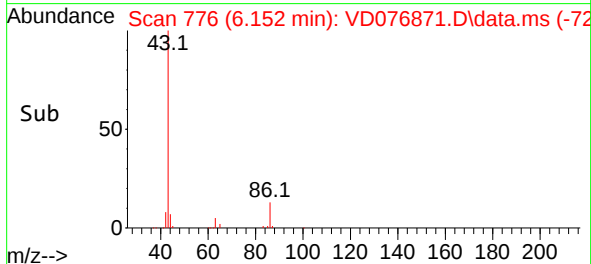
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBSD01



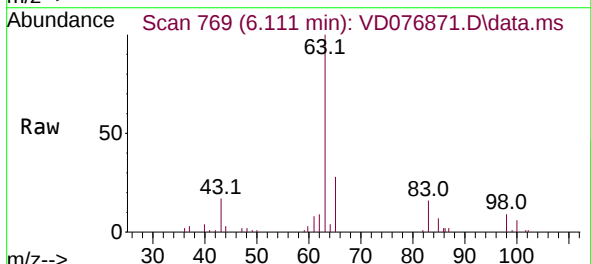
Tgt Ion: 43 Resp: 25693  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 12.5 18.7

Manual Integrations  
 APPROVED

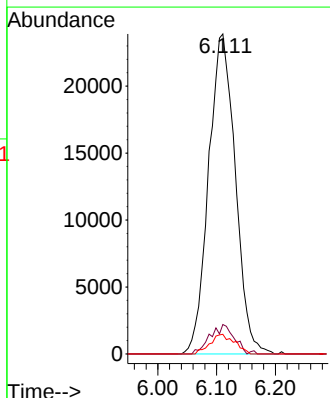
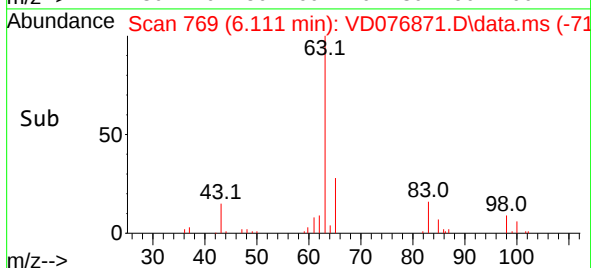
Reviewed By :John Carlone 08/01/2023  
 Supervised By :Mahesh Dadoda 08/01/2023

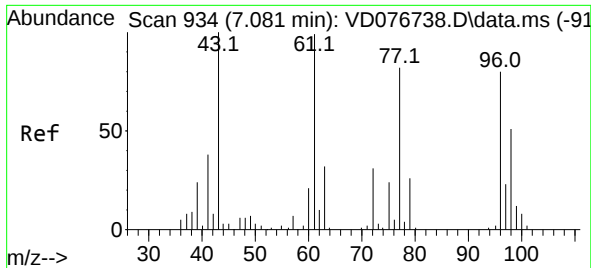


#24  
 1,1-Dichloroethane  
 Concen: 20.795 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38



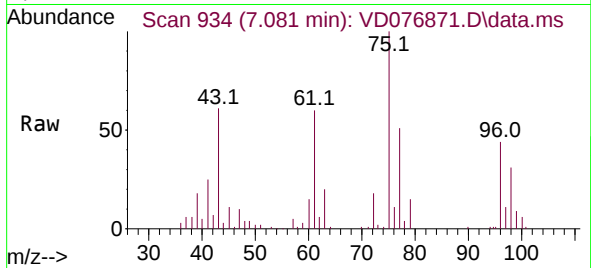
Tgt Ion: 63 Resp: 75421  
 Ion Ratio Lower Upper  
 63 100  
 98 9.2 4.5 13.7  
 100 6.2 2.5 7.5





#25  
2-Butanone  
Concen: 110.389 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

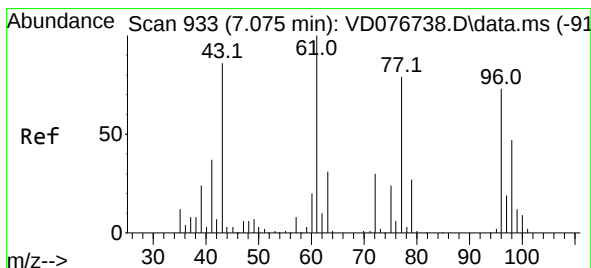
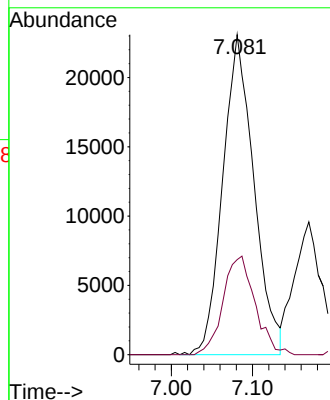
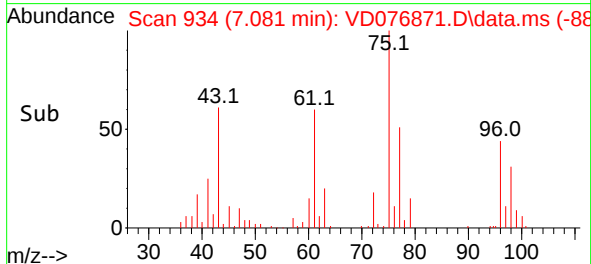
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



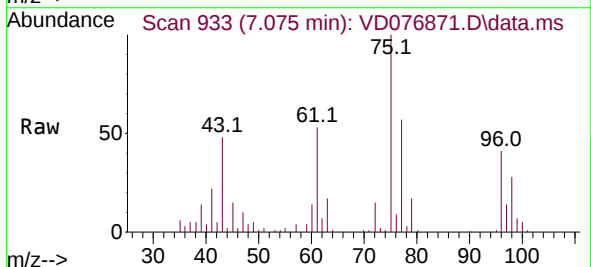
Tgt Ion: 43 Resp: 6150  
Ion Ratio Lower Upper  
43 100  
72 29.7 30.7 46.1

Manual Integrations  
APPROVED

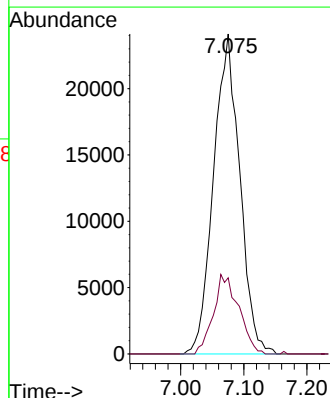
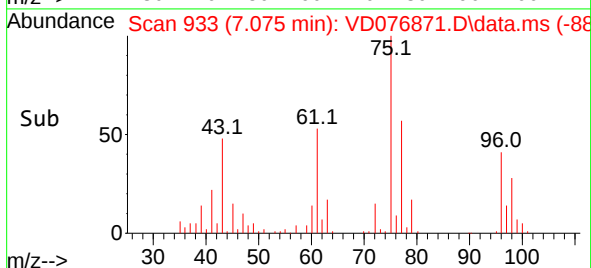
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

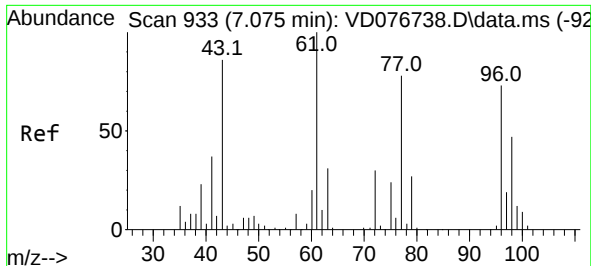


#26  
2,2-Dichloropropane  
Concen: 22.215 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



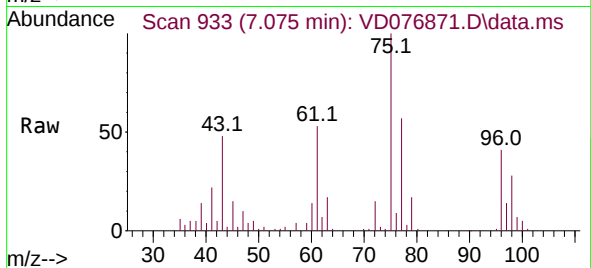
Tgt Ion: 77 Resp: 69456  
Ion Ratio Lower Upper  
77 100  
97 24.0 13.2 39.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 20.112 ug/l  
 RT: 7.075 min Scan# 911  
 Delta R.T. 0.000 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38

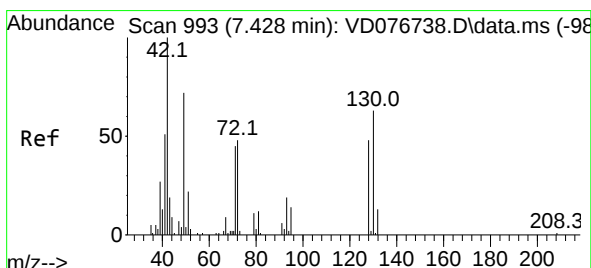
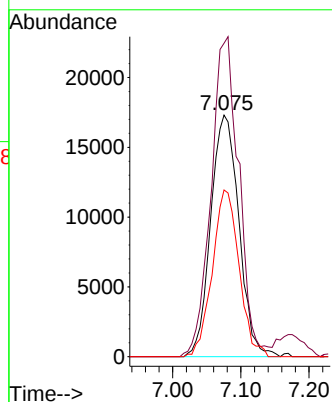
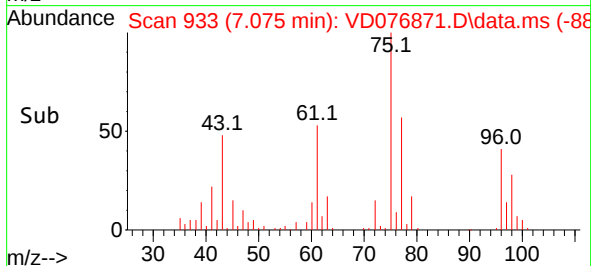
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBSD01



Tgt Ion: 96 Resp: 49830  
 Ion Ratio Lower Upper  
 96 100  
 61 130.3 0.0 239.2  
 98 65.4 0.0 128.6

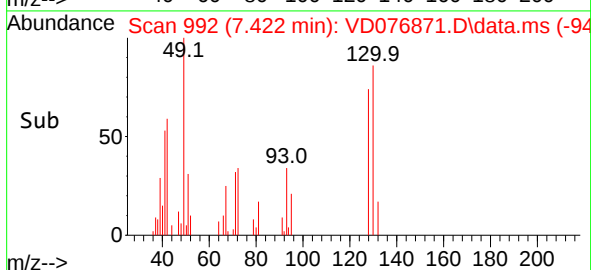
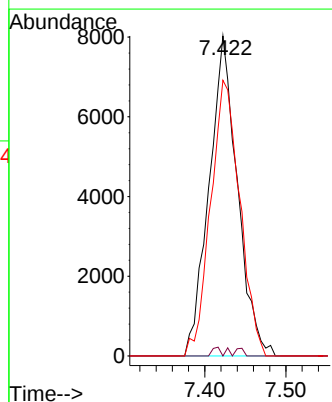
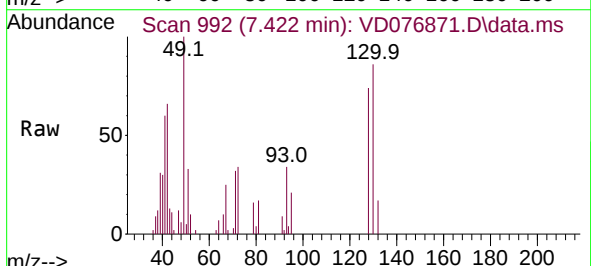
Manual Integrations  
 APPROVED

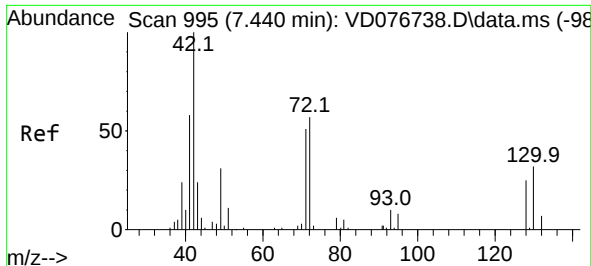
Reviewed By :John Carlone 08/01/2023  
 Supervised By :Mahesh Dadoda 08/01/2023



#28  
 Bromochloromethane  
 Concen: 21.471 ug/l  
 RT: 7.422 min Scan# 992  
 Delta R.T. -0.006 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38

Tgt Ion: 49 Resp: 19469  
 Ion Ratio Lower Upper  
 49 100  
 129 0.7 0.0 6.0  
 130 88.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 99.920 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

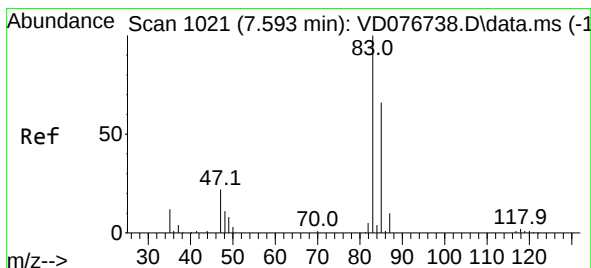
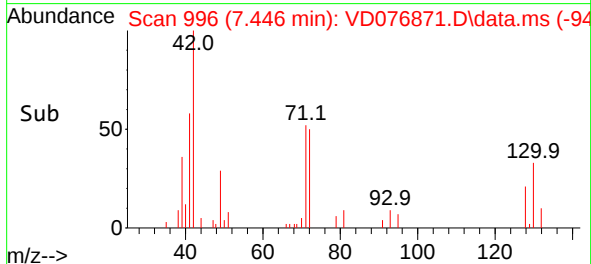
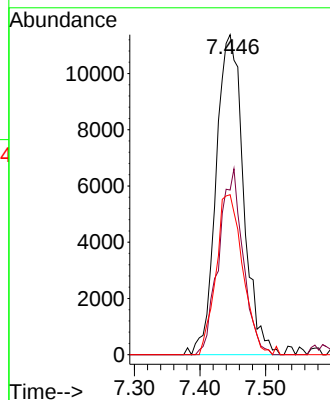
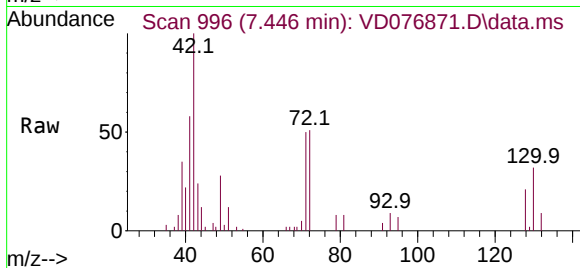
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 3289 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 51.7  | 46.5  | 69.7 |
| 71        | 48.9  | 44.5  | 66.7 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 21.864 ug/l

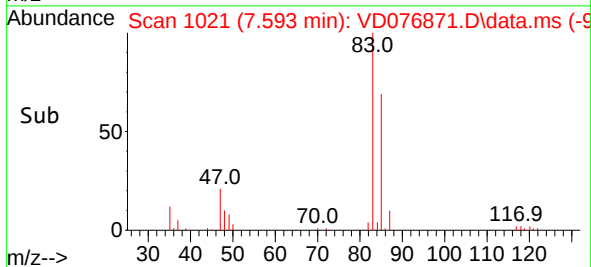
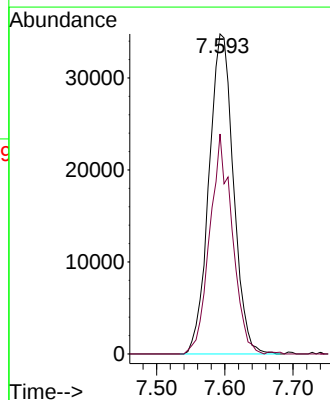
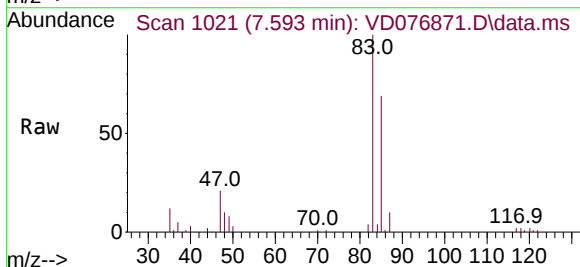
RT: 7.593 min Scan# 1021

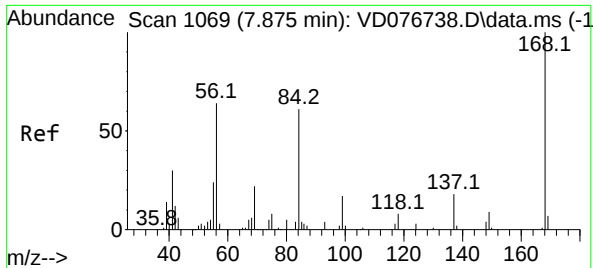
Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

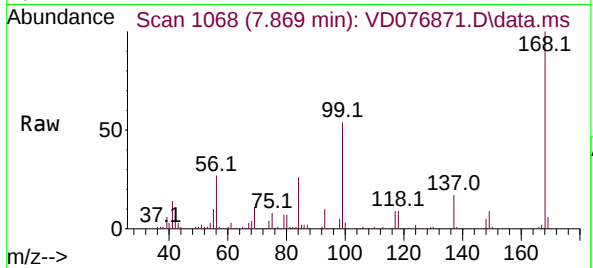
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 86856 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 68.7  | 53.4  | 80.2  |





#31  
Cyclohexane  
Concen: 19.295 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

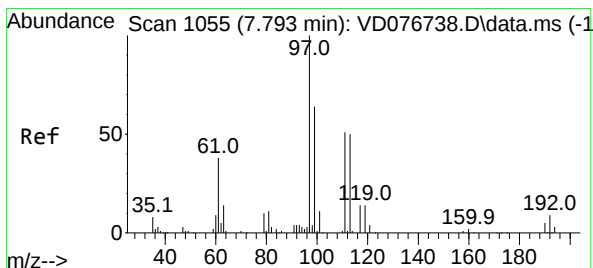
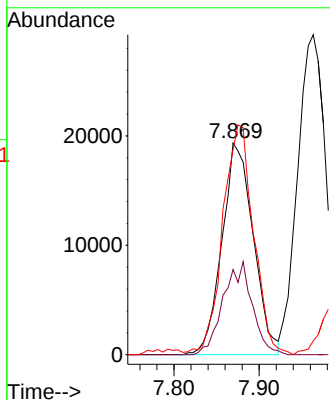
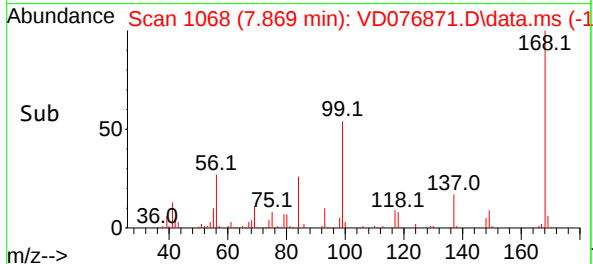
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01



Tgt Ion: 56 Resp: 4949  
Ion Ratio Lower Upper  
56 100  
69 40.2 28.6 43.0  
84 94.6 84.8 127.2

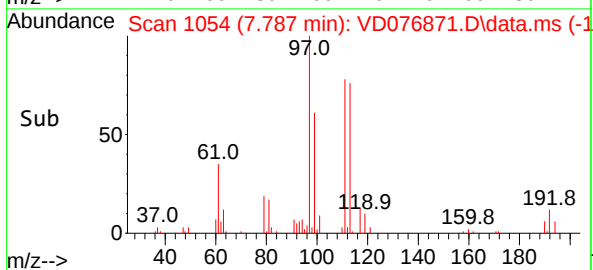
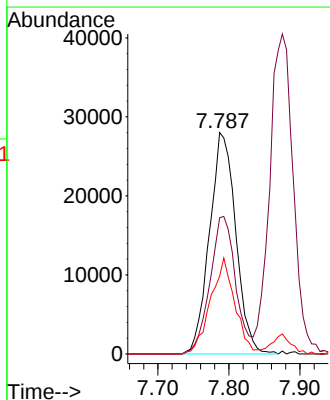
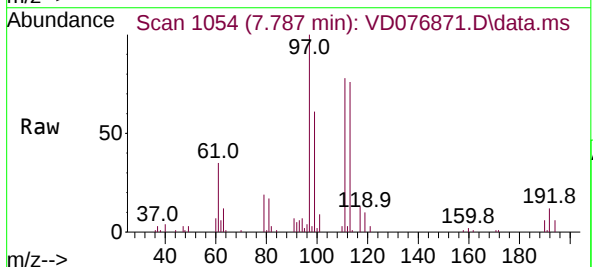
Manual Integrations  
APPROVED

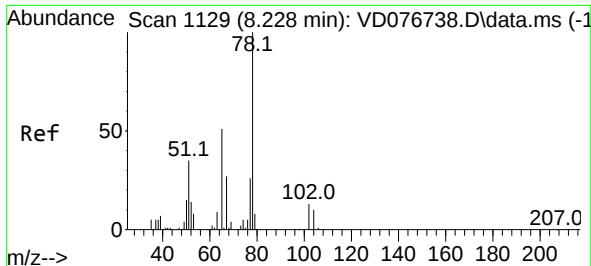
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#32  
1,1,1-Trichloroethane  
Concen: 22.456 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 97 Resp: 71972  
Ion Ratio Lower Upper  
97 100  
99 60.8 52.0 78.0  
61 40.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.329 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076871.D

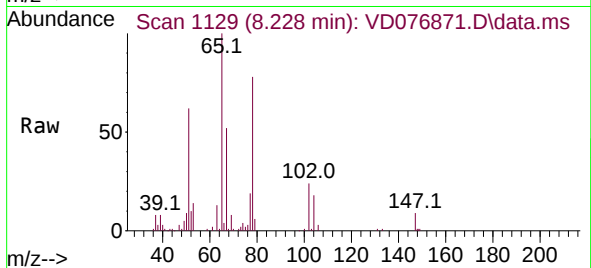
Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01



Tgt Ion: 65 Resp: 82498

Ion Ratio Lower Upper

65 100

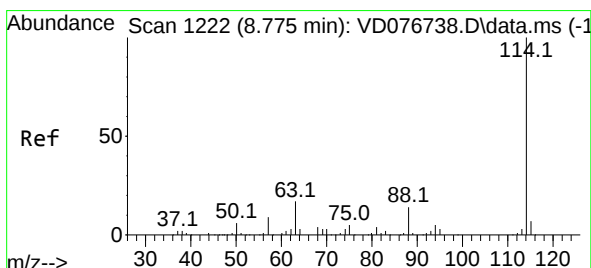
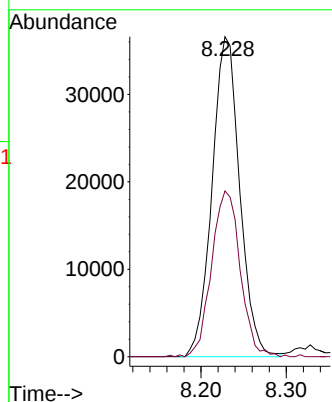
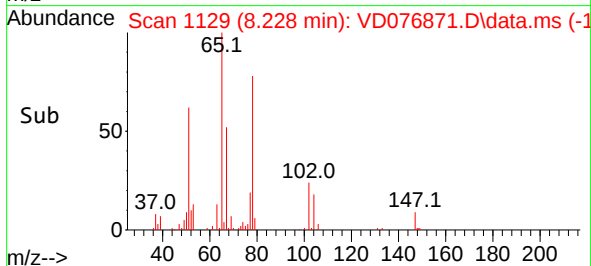
67 53.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

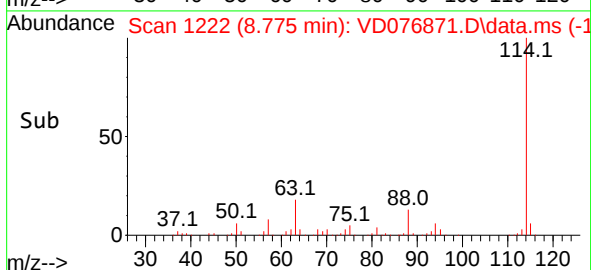
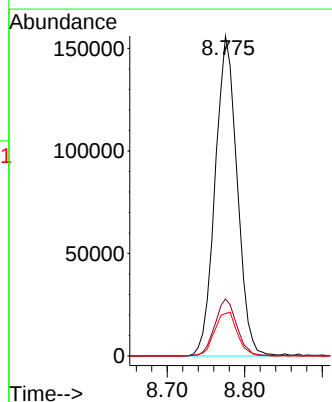
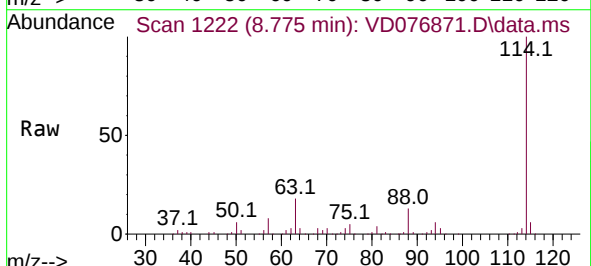
Tgt Ion:114 Resp: 308032

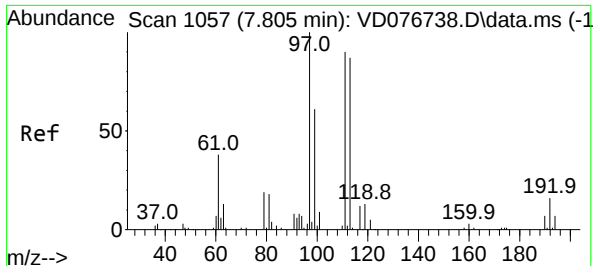
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 13.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.247 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 113 Resp: 99198

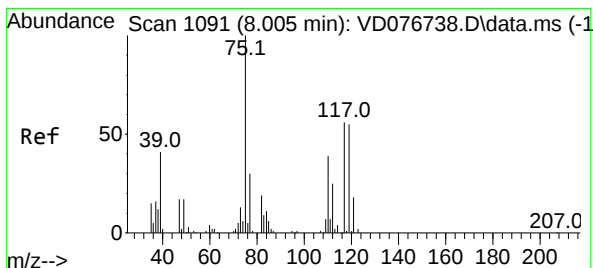
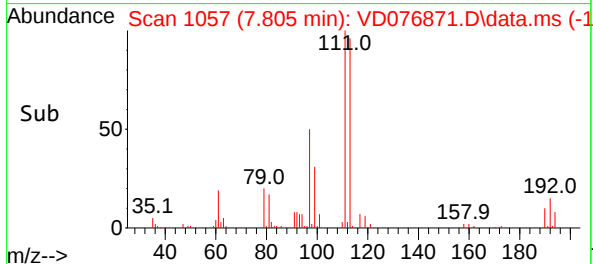
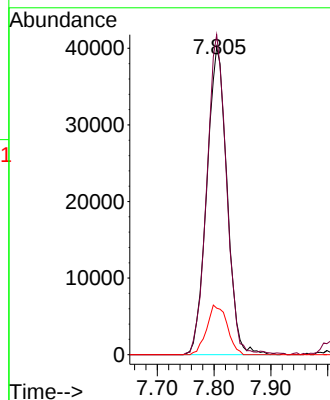
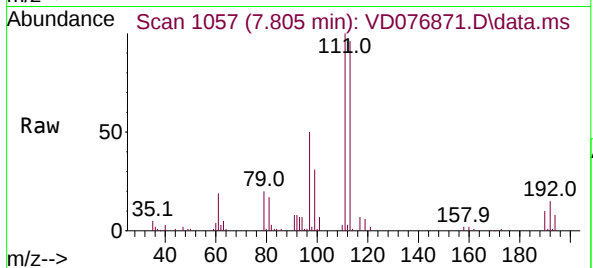
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 100.8 | 84.7  | 127.1 |
| 192 | 16.3  | 16.8  | 25.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 21.899 ug/l

RT: 8.005 min Scan# 1091

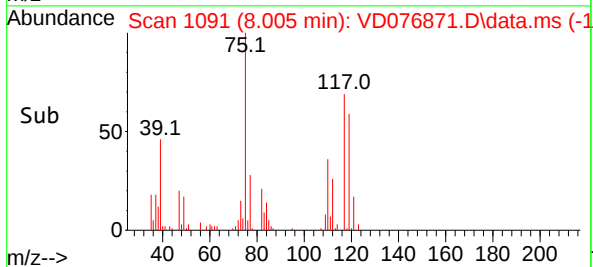
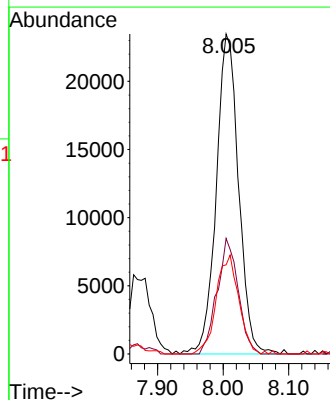
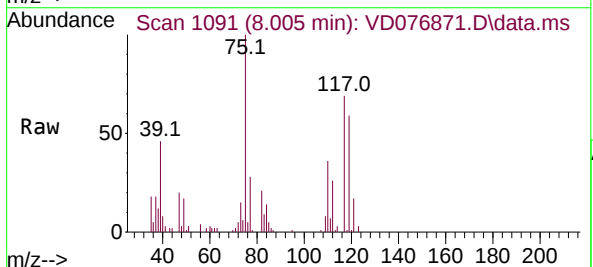
Delta R.T. -0.000 min

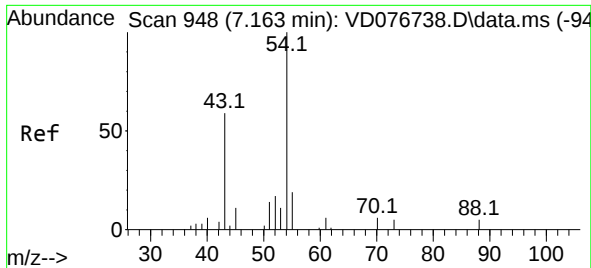
Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Tgt Ion: 75 Resp: 55392

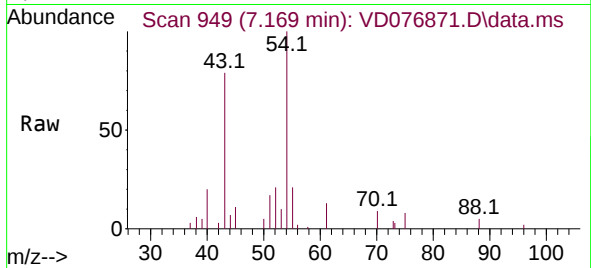
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.0  | 19.9  | 59.6  |
| 77  | 31.3  | 24.7  | 37.1  |





#37  
Ethyl Acetate  
Concen: 20.358 ug/l  
RT: 7.169 min Scan# 948  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

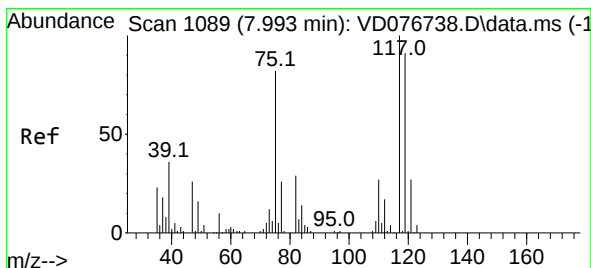
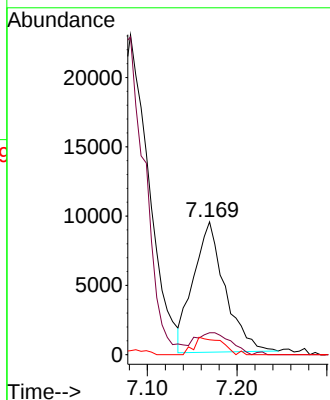
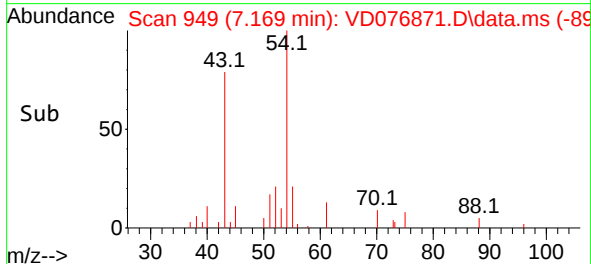
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion: 43 Resp: 23029  
Ion Ratio Lower Upper  
43 100  
61 18.3 14.9 22.3  
70 11.9 10.0 15.0

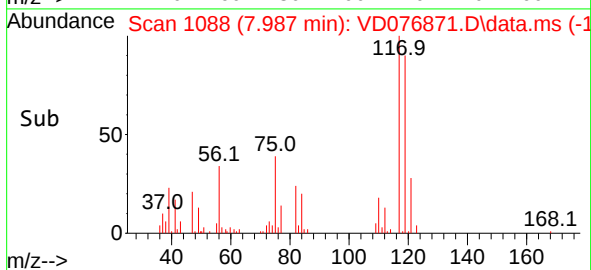
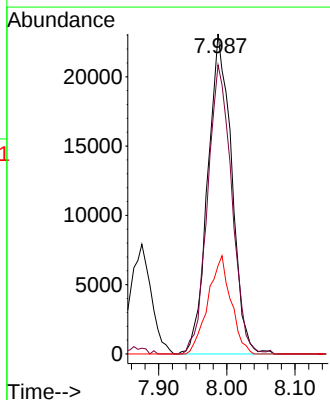
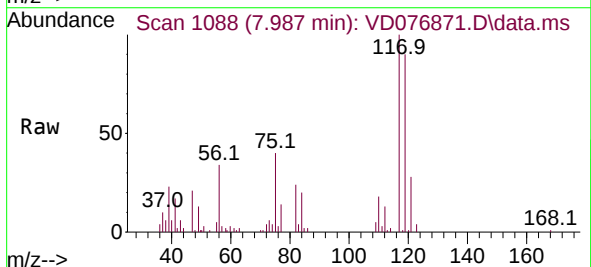
Manual Integrations  
APPROVED

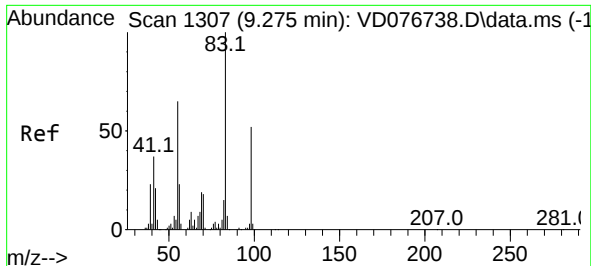
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#38  
Carbon Tetrachloride  
Concen: 23.229 ug/l  
RT: 7.987 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion:117 Resp: 56260  
Ion Ratio Lower Upper  
117 100  
119 90.4 78.0 117.0  
121 27.5 24.2 36.2





#39

Methylcyclohexane

Concen: 19.870 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076871.D

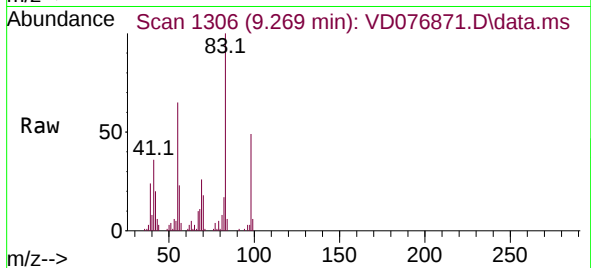
Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBSD01



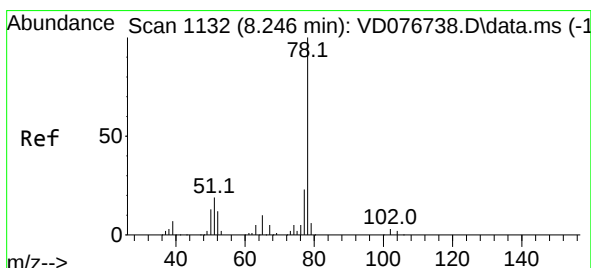
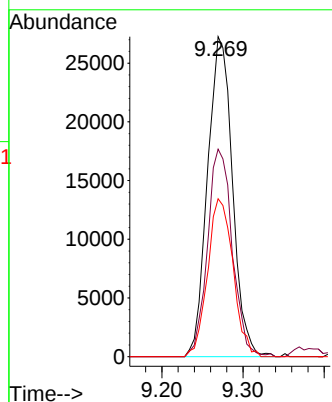
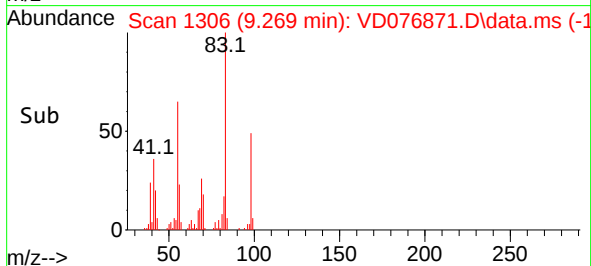
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 58034 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 64.9     | 49.4 74.0   |
| 98 49.4     | 38.4 57.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

Benzene

Concen: 21.356 ug/l

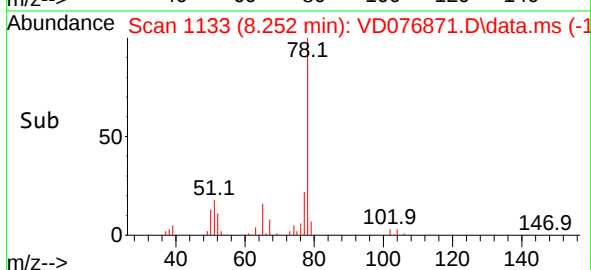
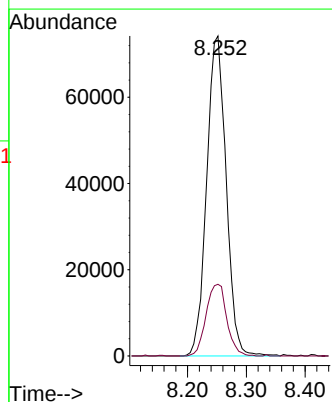
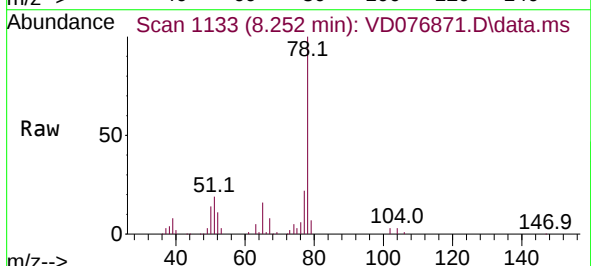
RT: 8.252 min Scan# 1133

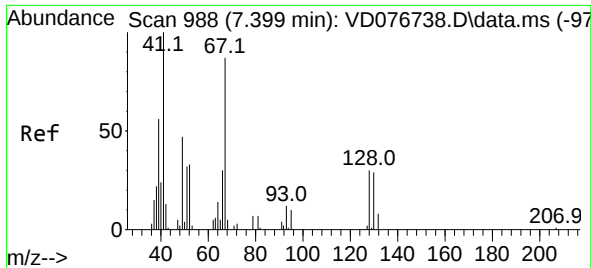
Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

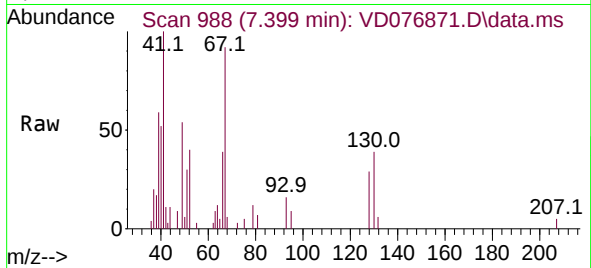
|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 170440 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 22.4     | 19.4 29.0    |





#41  
Methacrylonitrile  
Concen: 17.088 ug/l  
RT: 7.399 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

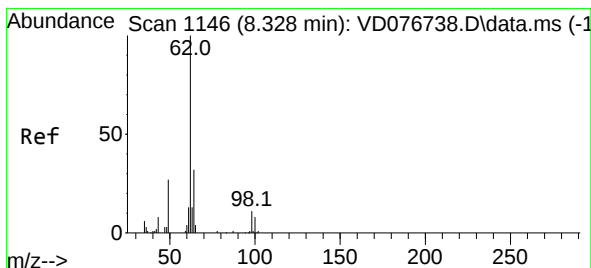
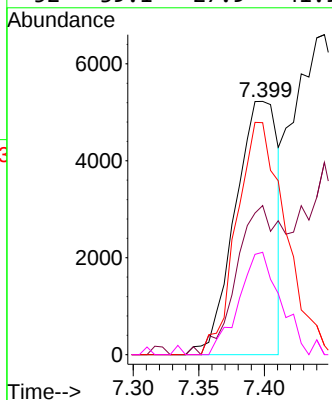
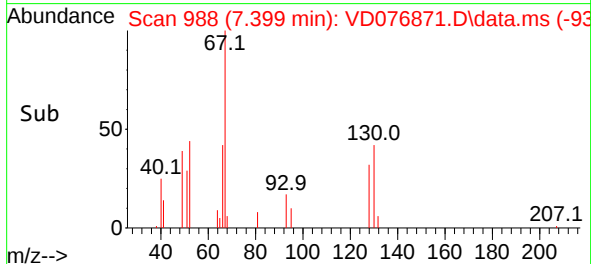
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion: 41 Resp: 11804  
Ion Ratio Lower Upper  
41 100  
39 63.8 34.0 51.0  
67 105.2 77.0 115.4  
52 39.1 27.9 41.9

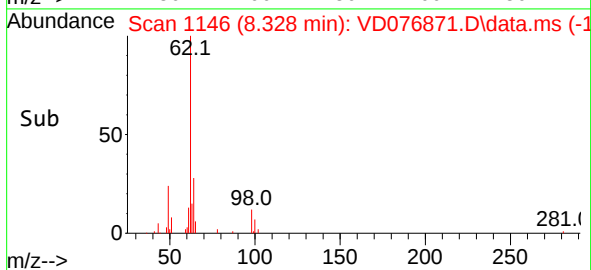
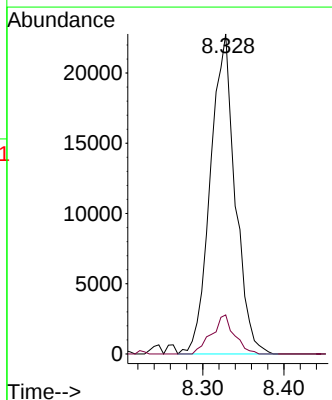
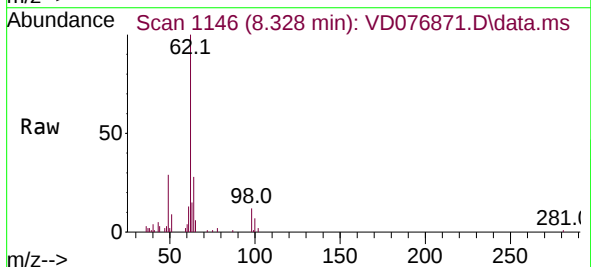
Manual Integrations  
APPROVED

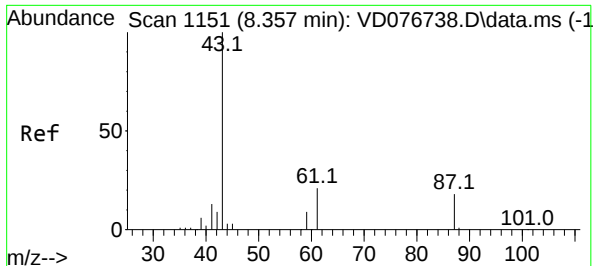
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#42  
1,2-Dichloroethane  
Concen: 23.330 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

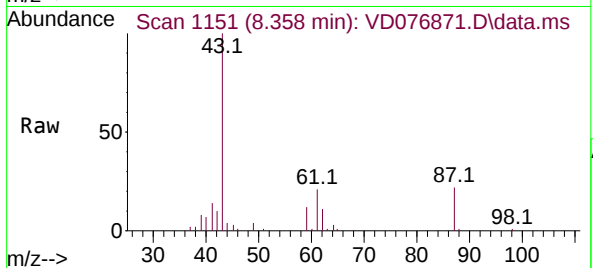
Tgt Ion: 62 Resp: 48380  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 25.4





#43  
Isopropyl Acetate  
Concen: 20.882 ug/l  
RT: 8.358 min Scan# 1151  
Delta R.T. 0.001 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

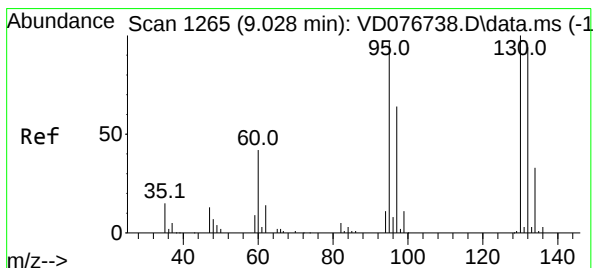
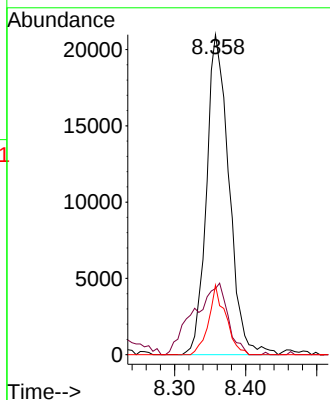
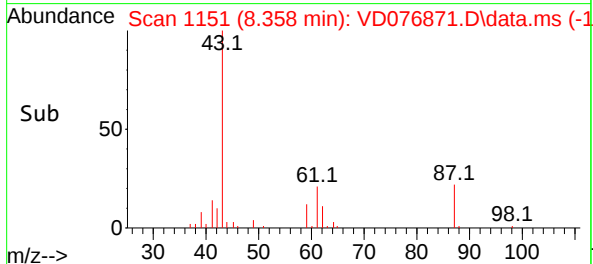
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



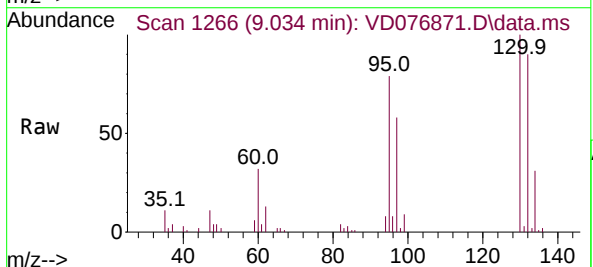
Tgt Ion: 43 Resp: 46100  
Ion Ratio Lower Upper  
43 100  
61 33.6 31.4 47.0  
87 16.7 14.9 22.3

Manual Integrations  
APPROVED

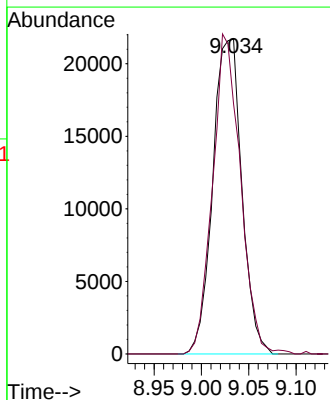
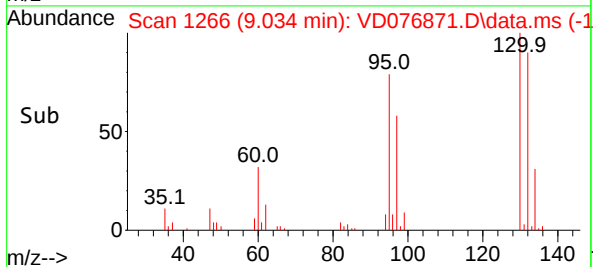
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

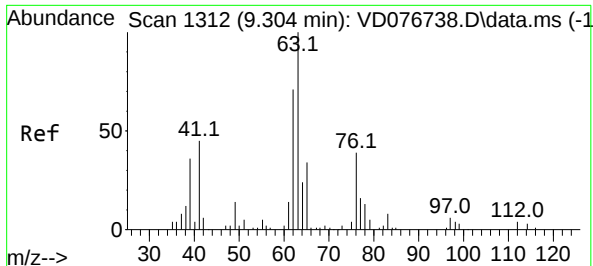


#44  
Trichloroethene  
Concen: 21.282 ug/l  
RT: 9.034 min Scan# 1266  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



Tgt Ion:130 Resp: 46284  
Ion Ratio Lower Upper  
130 100  
95 79.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 22.247 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBSD01

Tgt Ion: 63 Resp: 4583

Ion Ratio Lower Upper

63 100

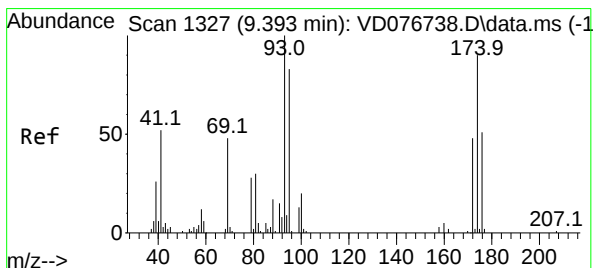
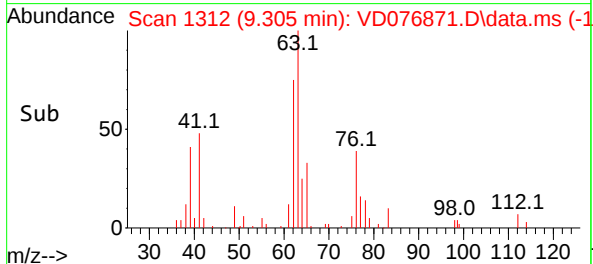
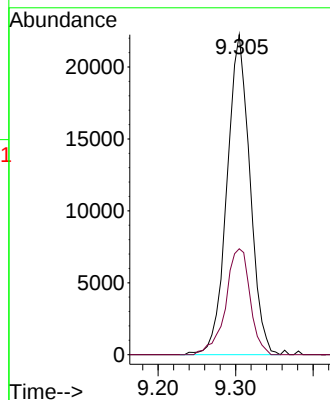
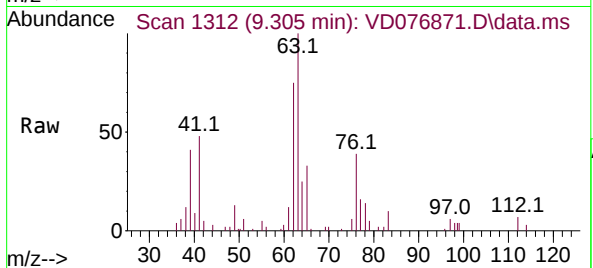
65 33.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 23.397 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

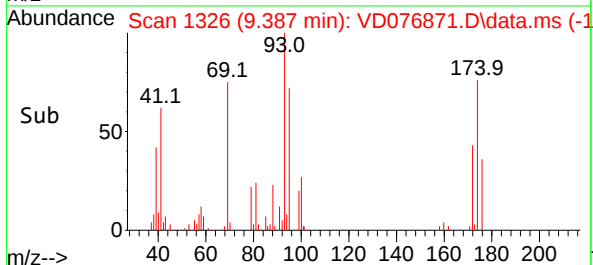
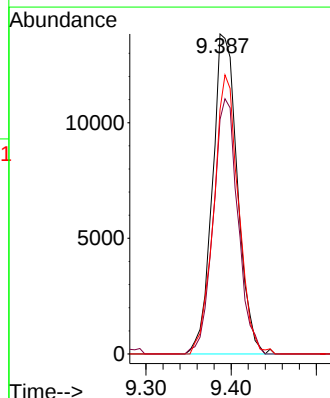
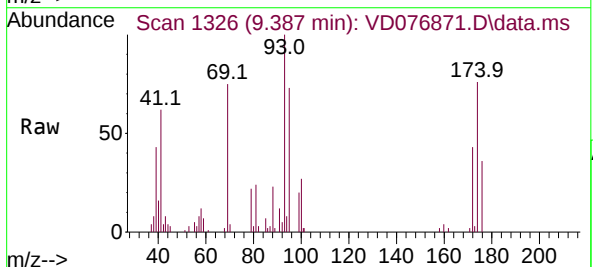
Tgt Ion: 93 Resp: 28215

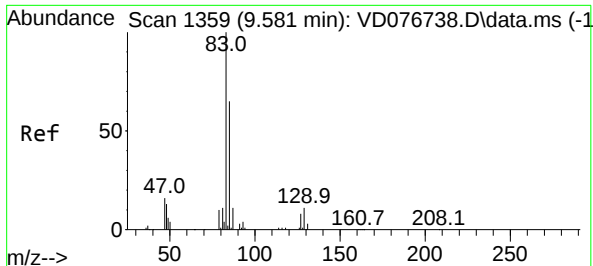
Ion Ratio Lower Upper

93 100

95 78.7 67.7 101.5

174 86.2 85.4 128.2





#47

Bromodichloromethane

Concen: 21.931 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

Tgt Ion: 83 Resp: 6636

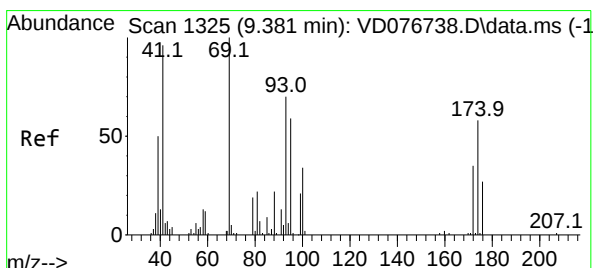
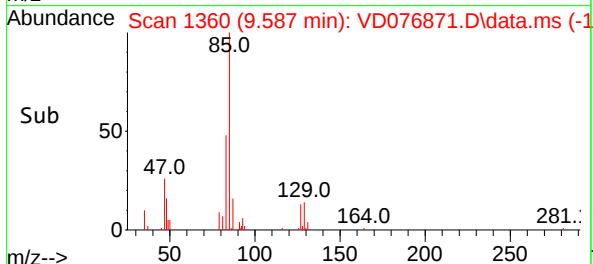
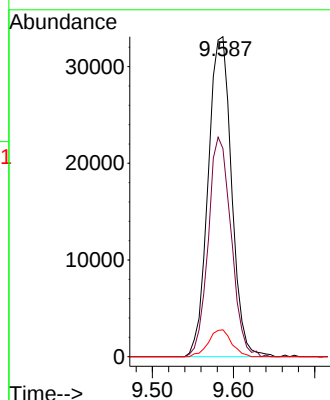
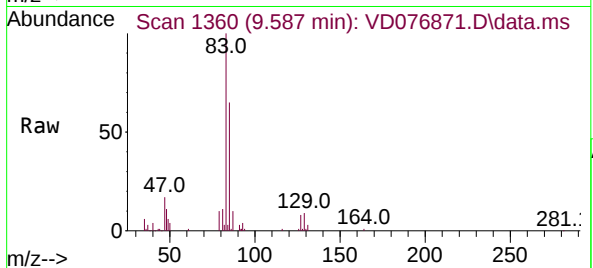
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.0  | 50.2  | 75.4  |
| 127 | 8.4   | 6.3   | 9.5   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Methyl methacrylate

Concen: 18.925 ug/l

RT: 9.381 min Scan# 1325

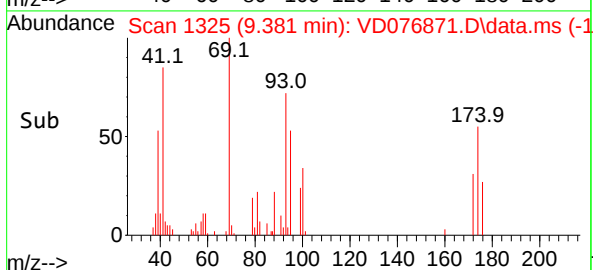
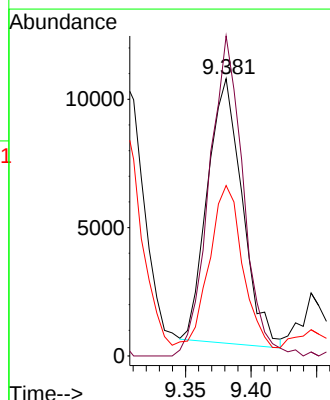
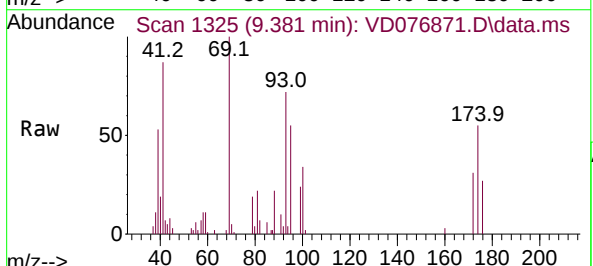
Delta R.T. 0.000 min

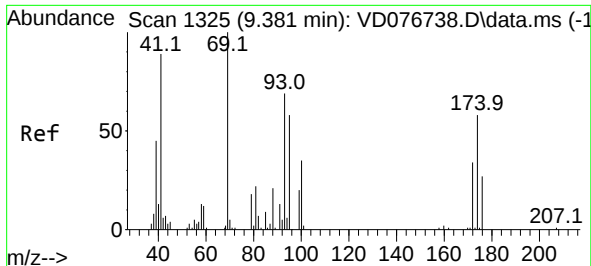
Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Tgt Ion: 41 Resp: 19015

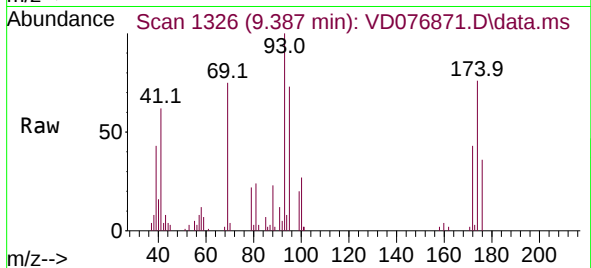
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 118.6 | 102.2 | 153.2 |
| 39  | 66.7  | 41.4  | 62.2  |





#49  
1,4-Dioxane  
Concen: 427.440 ug/l  
RT: 9.387 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

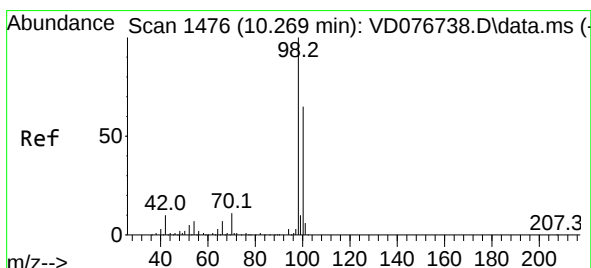
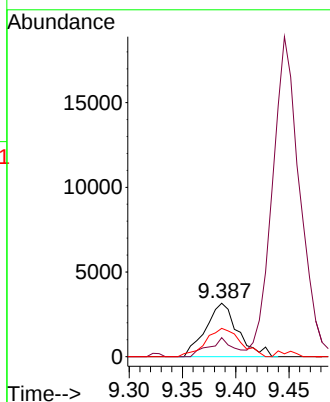
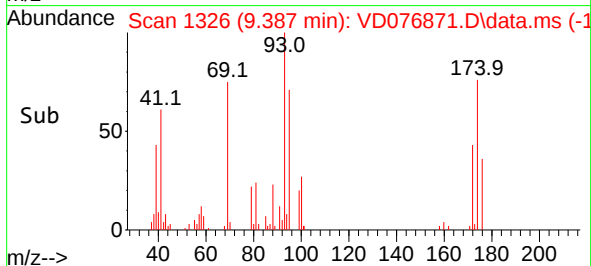
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion: 88 Resp: 6604  
Ion Ratio Lower Upper  
88 100  
43 27.8 19.0 28.6  
58 57.3 43.5 65.3

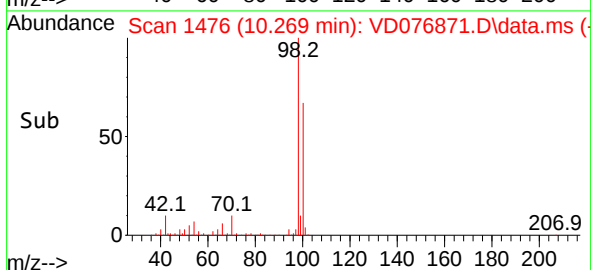
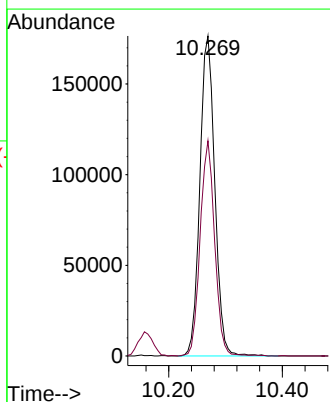
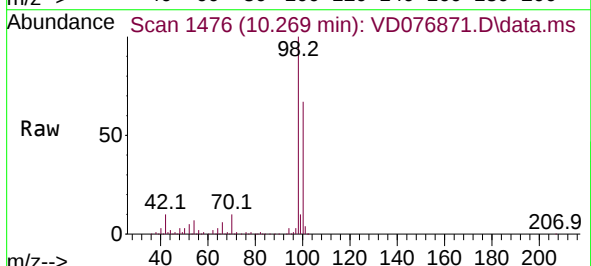
Manual Integrations  
APPROVED

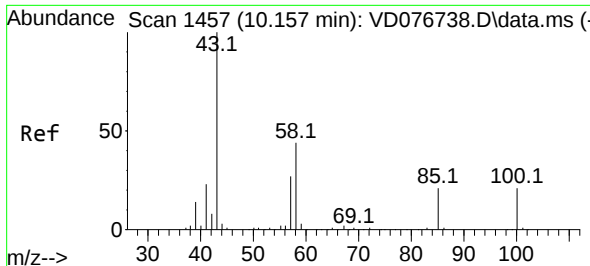
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#50  
Toluene-d8  
Concen: 46.387 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 98 Resp: 321219  
Ion Ratio Lower Upper  
98 100  
100 65.6 50.3 75.5





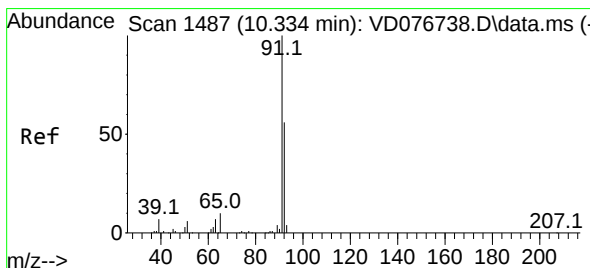
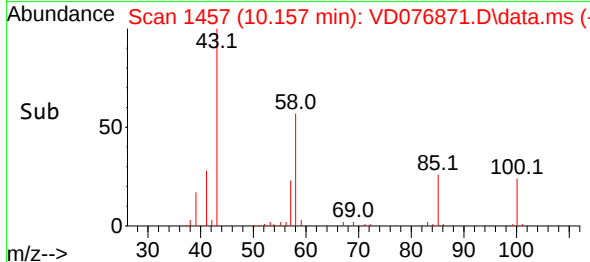
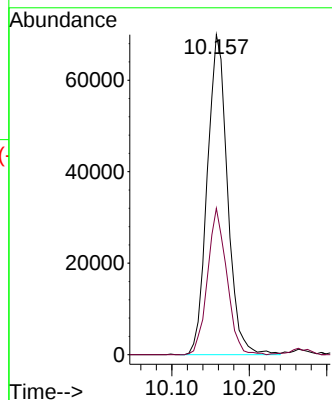
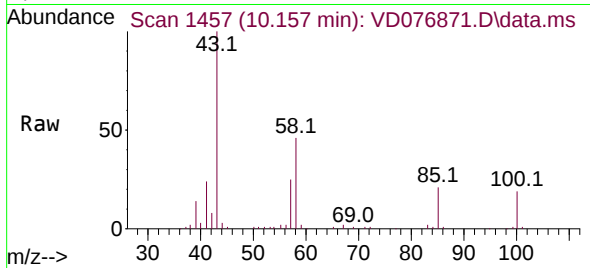
#51  
4-Methyl-2-Pentanone  
Concen: 107.995 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 43 Resp: 126938  
Ion Ratio Lower Upper  
43 100  
58 43.5 38.9 58.3

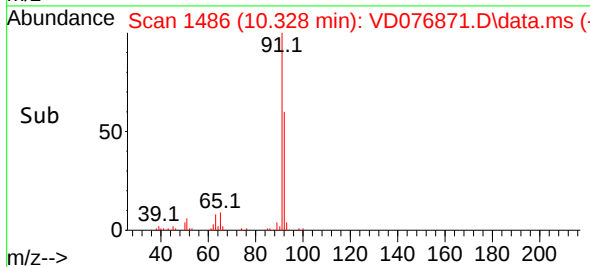
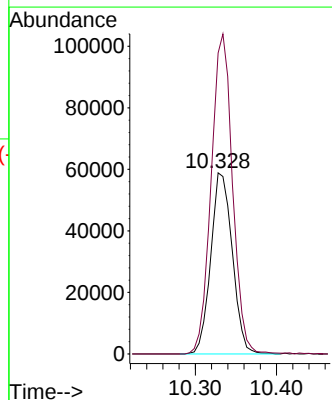
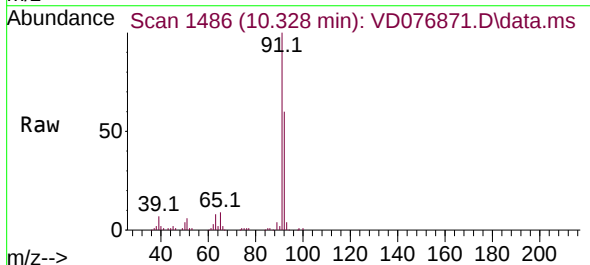
Manual Integrations  
APPROVED

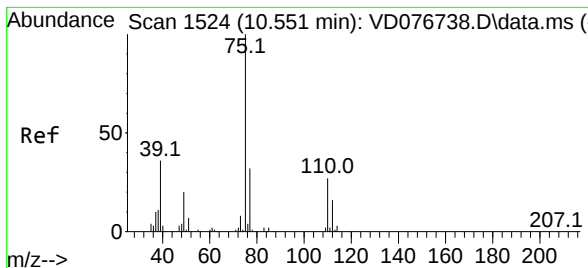
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#52  
Toluene  
Concen: 20.696 ug/l  
RT: 10.328 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 92 Resp: 108484  
Ion Ratio Lower Upper  
92 100  
91 175.2 143.0 214.4





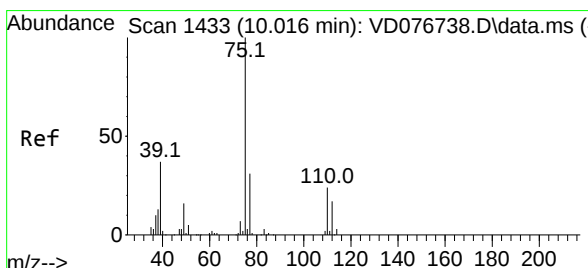
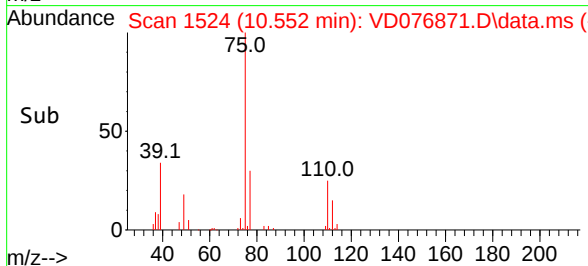
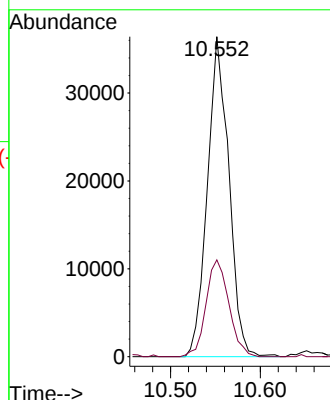
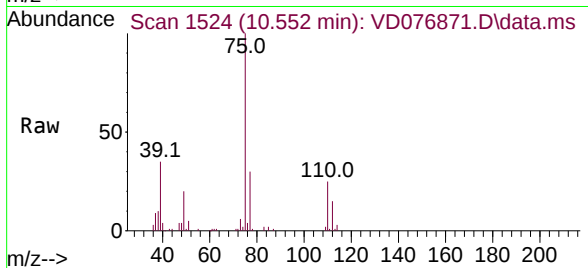
#53  
t-1,3-Dichloropropene  
Concen: 21.557 ug/l  
RT: 10.552 min Scan# 1524  
Delta R.T. 0.001 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 75 Resp: 60550  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.3 37.9

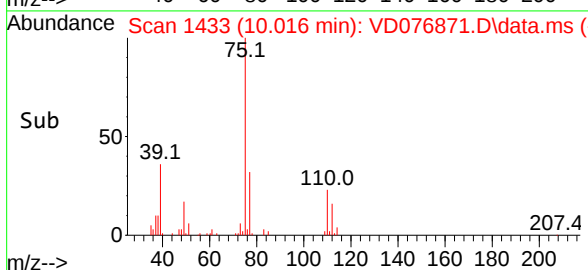
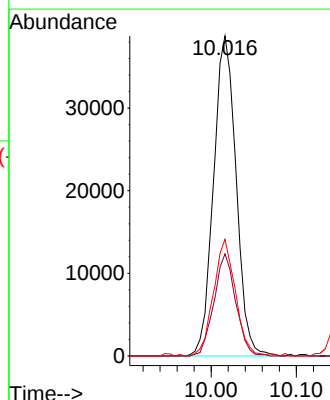
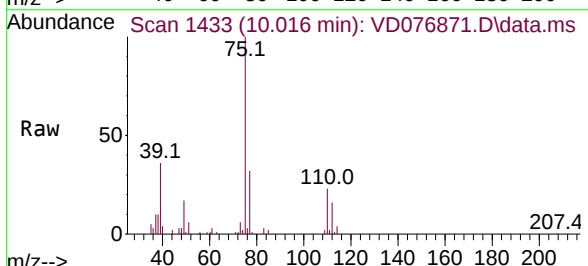
Manual Integrations  
APPROVED

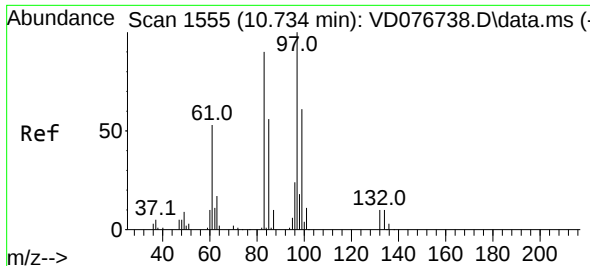
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#54  
cis-1,3-Dichloropropene  
Concen: 21.562 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

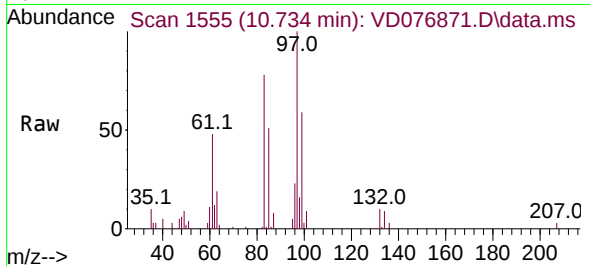
Tgt Ion: 75 Resp: 71377  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.5 38.3  
39 36.4 22.1 33.1#





#55  
1,1,2-Trichloroethane  
Concen: 22.149 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

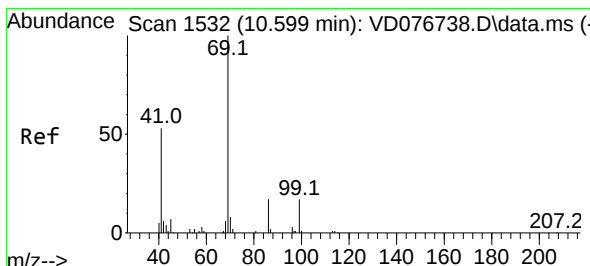
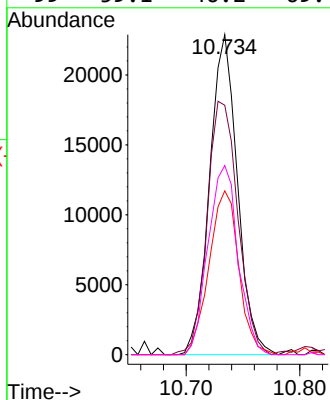
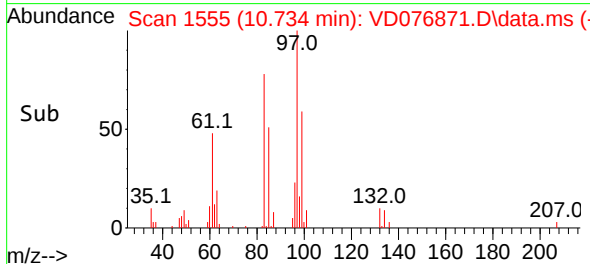
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



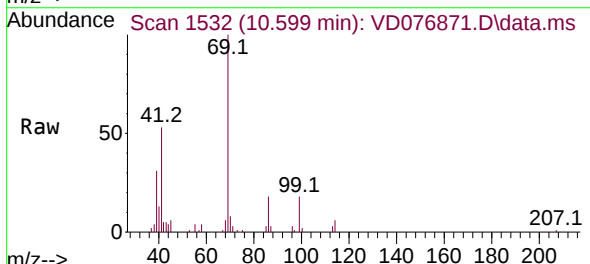
| Tgt Ion:  | 97   | Resp: | 3900  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 83        | 77.2 | 65.8  | 98.6  |
| 85        | 51.2 | 45.7  | 68.5  |
| 99        | 59.1 | 46.2  | 69.4  |

Manual Integrations  
APPROVED

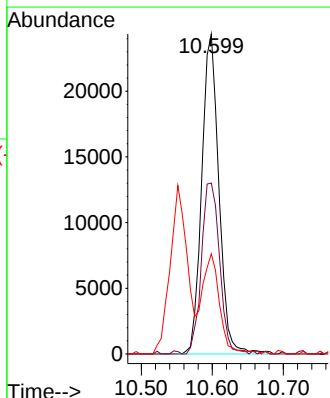
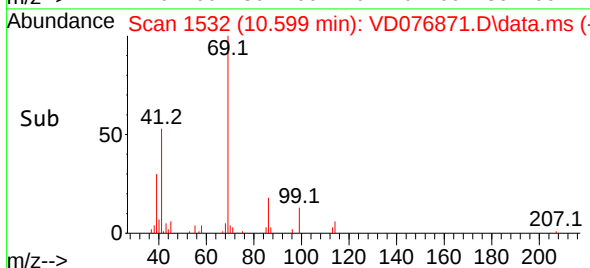
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

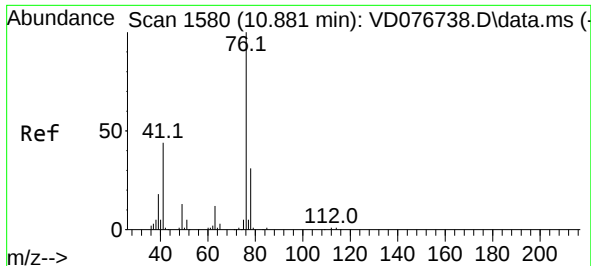


#56  
Ethyl methacrylate  
Concen: 20.160 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



| Tgt Ion:  | 69   | Resp: | 40974 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 69        | 100  |       |       |
| 41        | 56.6 | 39.1  | 58.7  |
| 39        | 30.3 | 20.0  | 30.0  |





#57

1,3-Dichloropropane

Concen: 21.645 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBSD01

Tgt Ion: 76 Resp: 6207

Ion Ratio Lower Upper

76 100

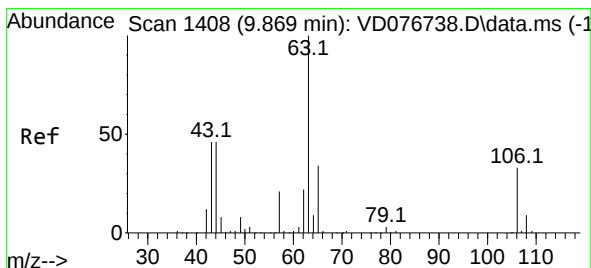
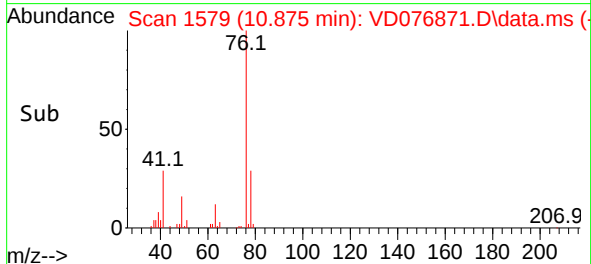
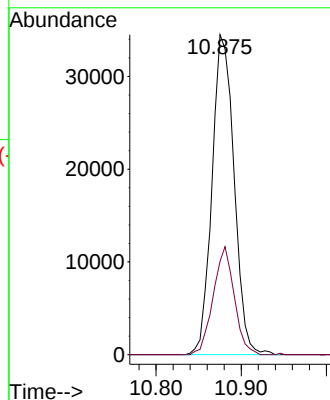
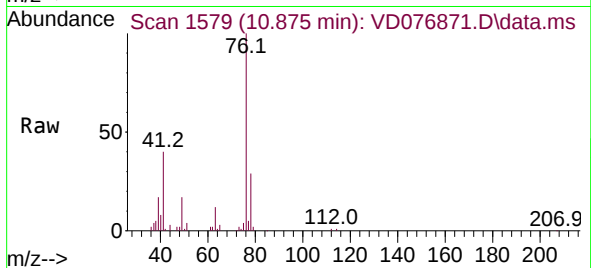
78 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 110.356 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076871.D

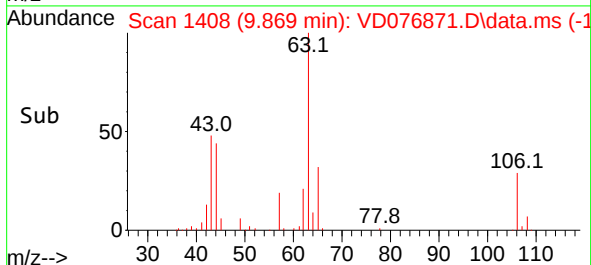
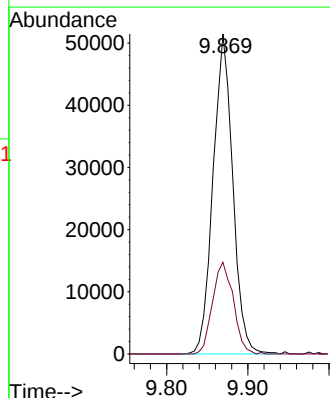
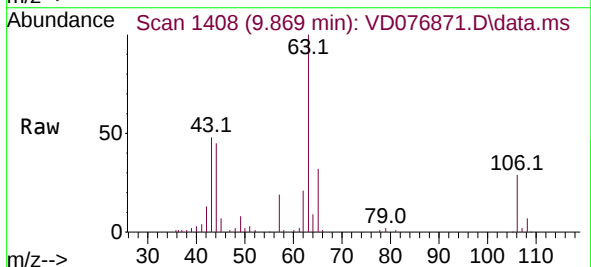
Acq: 31 Jul 2023 13:38

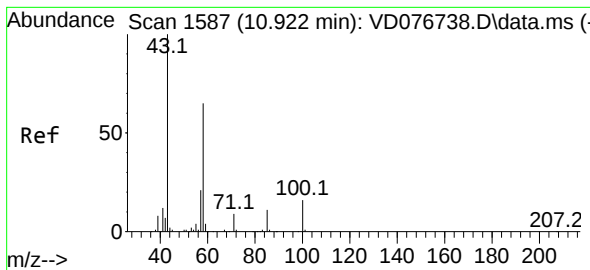
Tgt Ion: 63 Resp: 86819

Ion Ratio Lower Upper

63 100

106 30.2 25.3 37.9





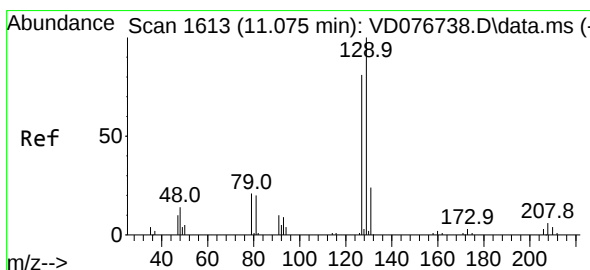
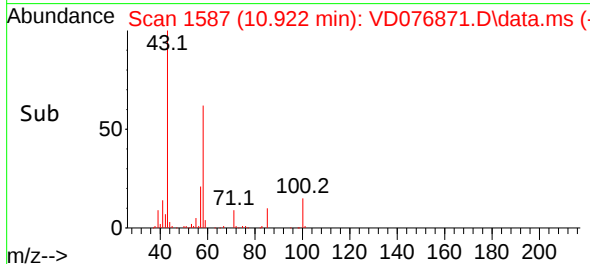
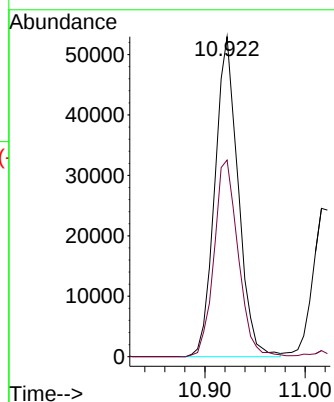
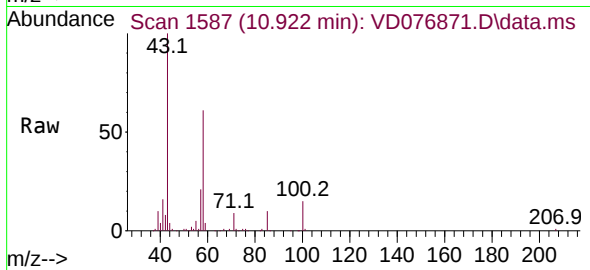
#59  
2-Hexanone  
Concen: 101.884 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 43 Resp: 85450  
Ion Ratio Lower Upper  
43 100  
58 63.5 34.1 102.2

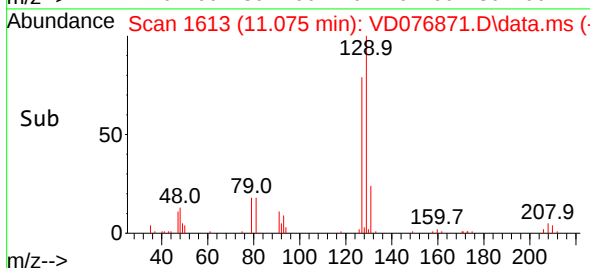
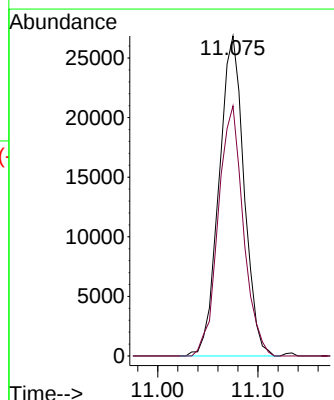
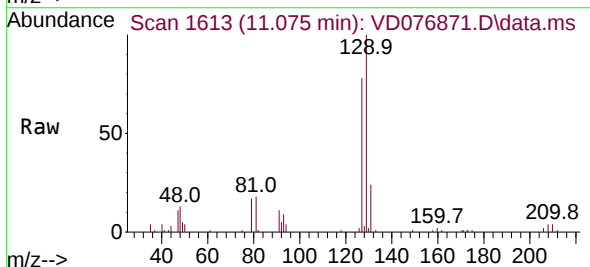
Manual Integrations  
APPROVED

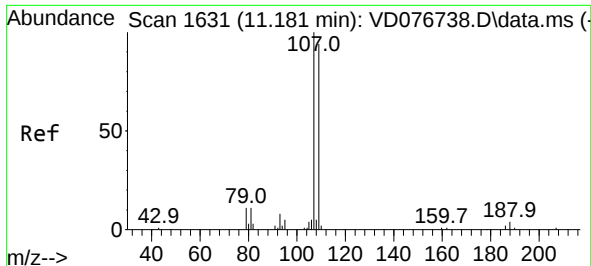
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#60  
Dibromochloromethane  
Concen: 22.713 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion:129 Resp: 46464  
Ion Ratio Lower Upper  
129 100  
127 78.5 37.1 111.5





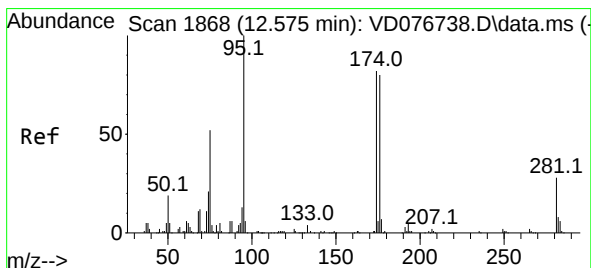
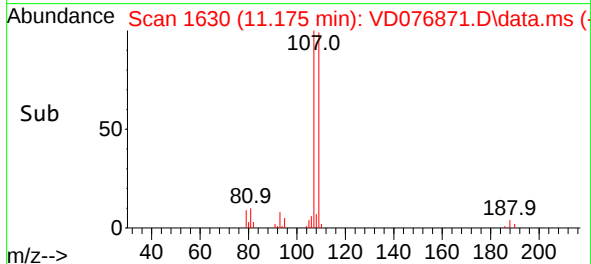
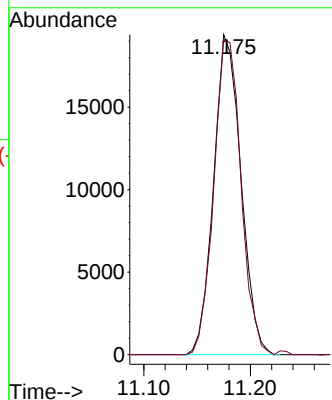
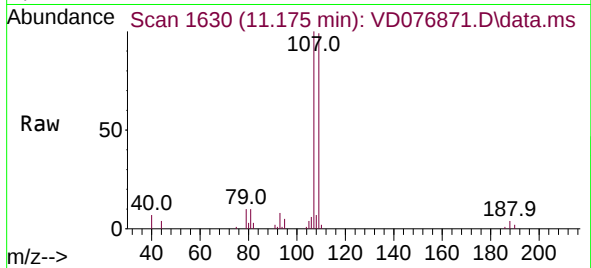
#61  
1,2-Dibromoethane  
Concen: 21.161 ug/l  
RT: 11.175 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion:107 Resp: 3454  
Ion Ratio Lower Upper  
107 100  
109 97.9 75.6 113.4

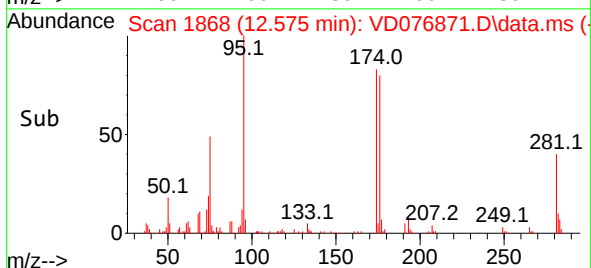
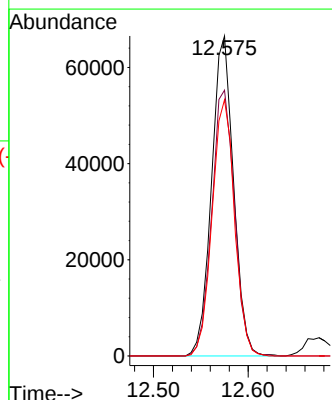
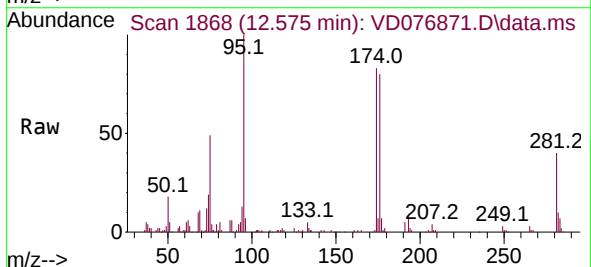
Manual Integrations  
APPROVED

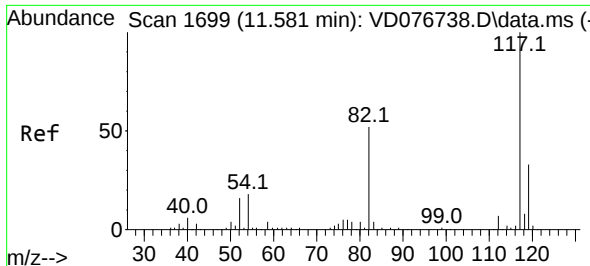
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#62  
4-Bromofluorobenzene  
Concen: 47.949 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

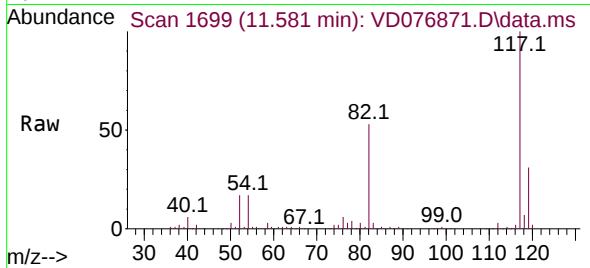
Tgt Ion: 95 Resp: 107412  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 201.8  
176 81.6 0.0 191.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

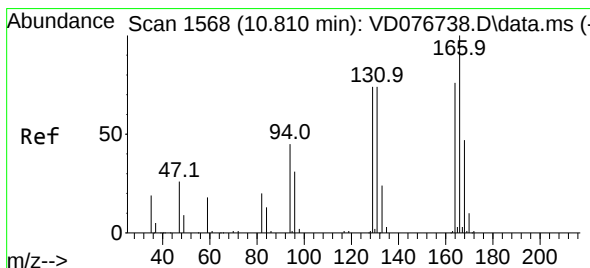
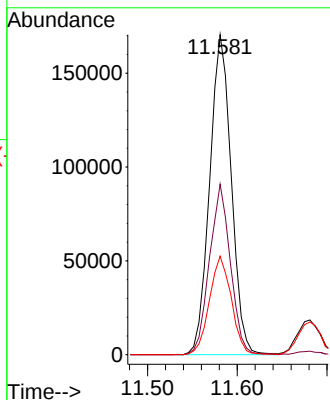
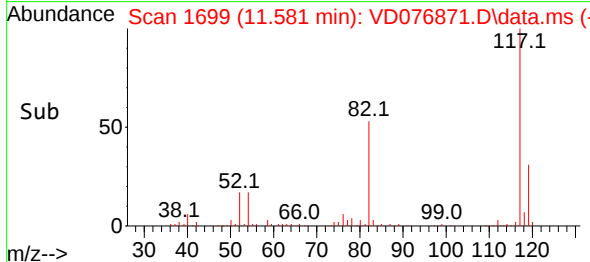
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion:117 Resp: 285548  
Ion Ratio Lower Upper  
117 100  
82 53.3 38.3 57.5  
119 30.8 25.0 37.4

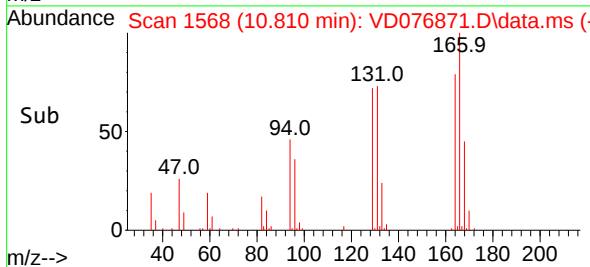
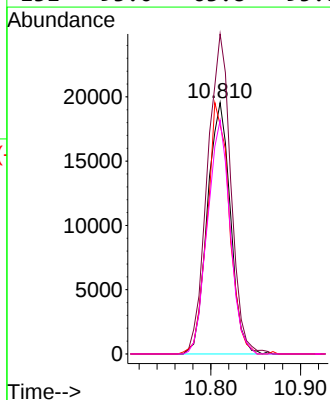
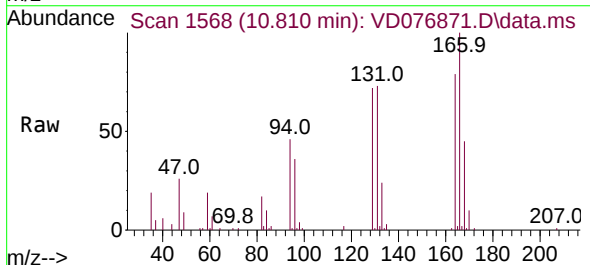
Manual Integrations  
APPROVED

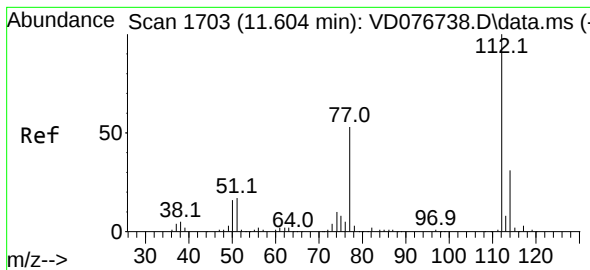
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#64  
Tetrachloroethene  
Concen: 21.355 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

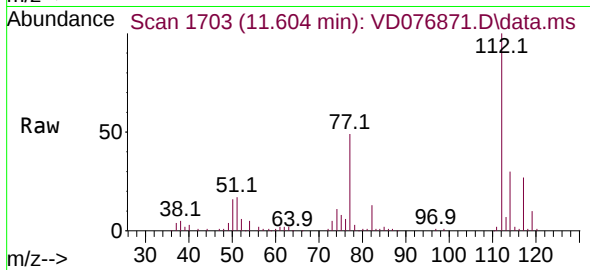
Tgt Ion:164 Resp: 34771  
Ion Ratio Lower Upper  
164 100  
166 127.3 99.2 148.8  
129 91.2 68.4 102.6  
131 93.0 63.8 95.8





#65  
Chlorobenzene  
Concen: 21.871 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

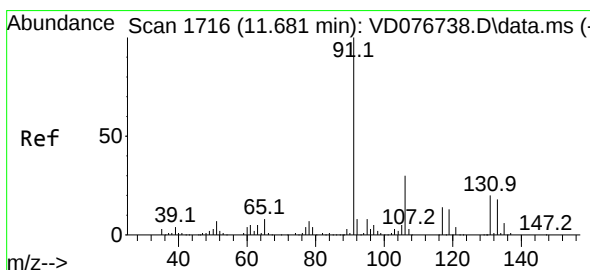
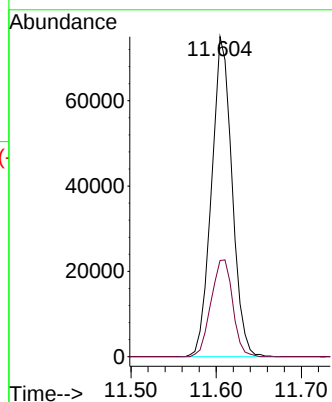
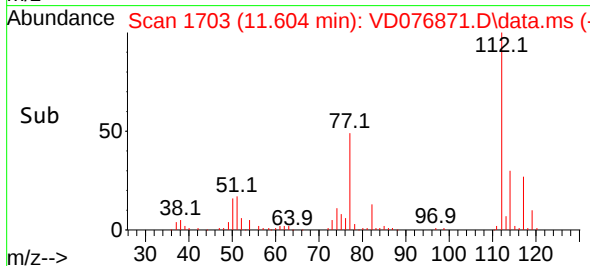
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



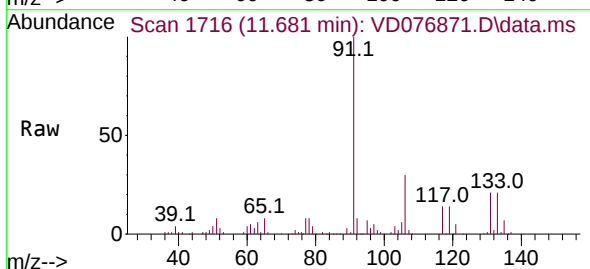
Tgt Ion:112 Resp: 125602  
Ion Ratio Lower Upper  
112 100  
114 30.1 25.1 37.7

Manual Integrations  
APPROVED

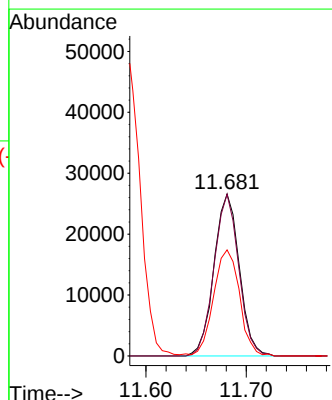
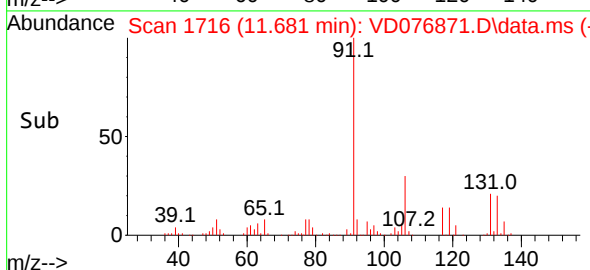
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

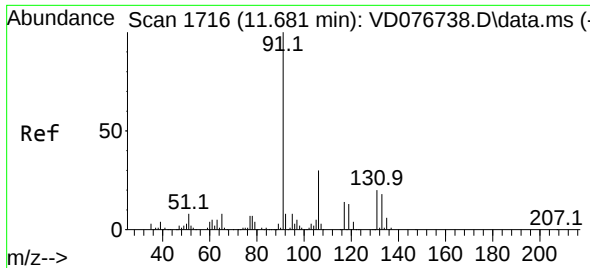


#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.841 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



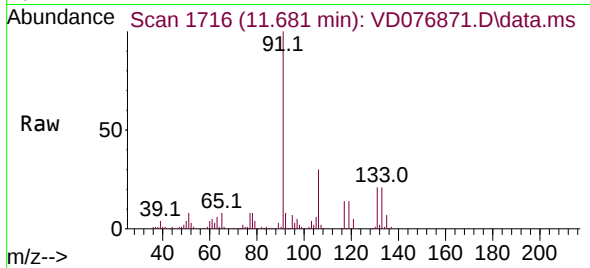
Tgt Ion:131 Resp: 46699  
Ion Ratio Lower Upper  
131 100  
133 97.1 48.5 145.5  
119 67.4 35.6 106.9





#67  
Ethyl Benzene  
Concen: 21.216 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

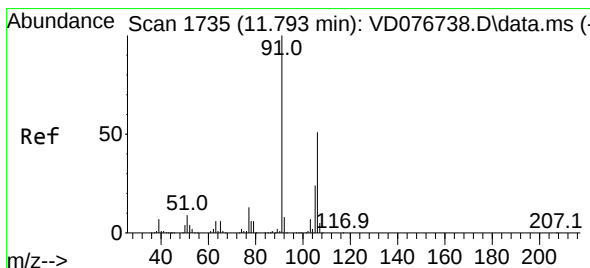
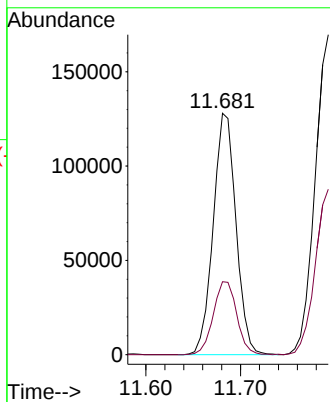
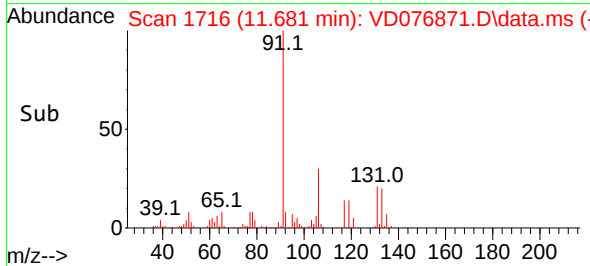
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



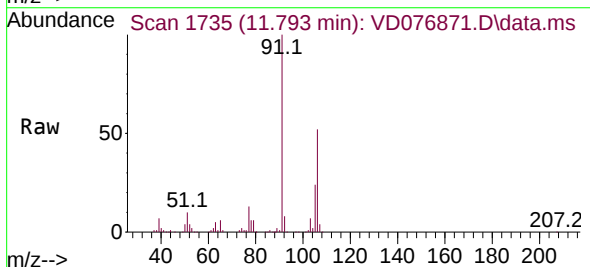
Tgt Ion: 91 Resp: 213984  
Ion Ratio Lower Upper  
91 100  
106 30.2 26.5 39.7

Manual Integrations  
APPROVED

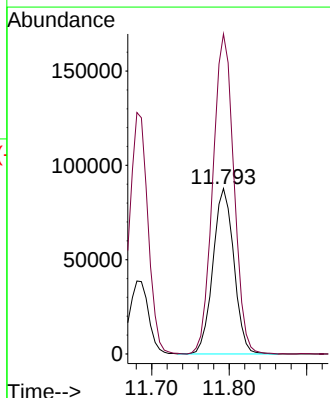
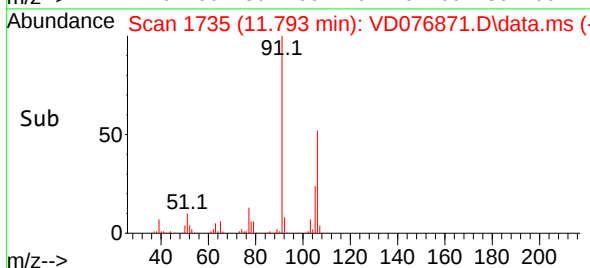
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

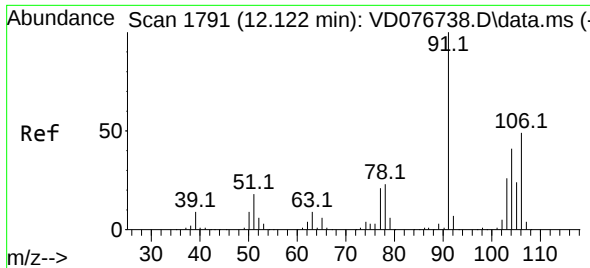


#68  
m/p-Xylenes  
Concen: 42.484 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



Tgt Ion:106 Resp: 164564  
Ion Ratio Lower Upper  
106 100  
91 194.4 147.0 220.6





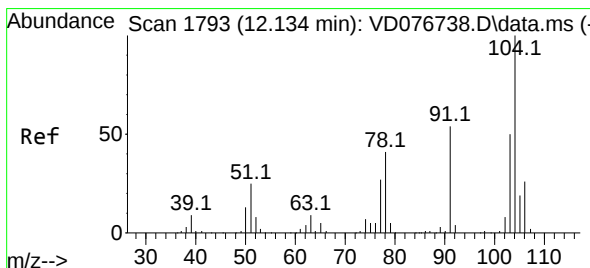
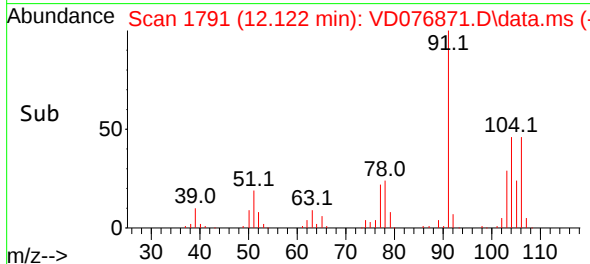
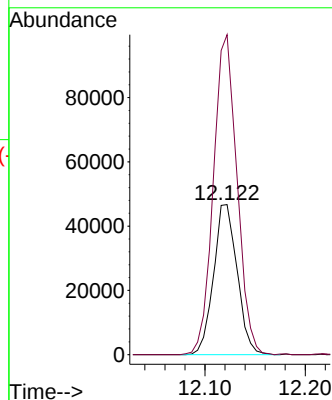
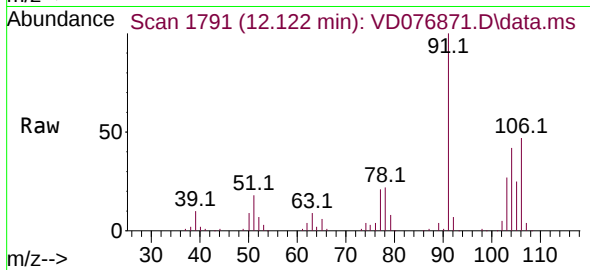
#69  
o-Xylene  
Concen: 20.366 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion:106 Resp: 76285  
Ion Ratio Lower Upper  
106 100  
91 213.8 97.9 293.6

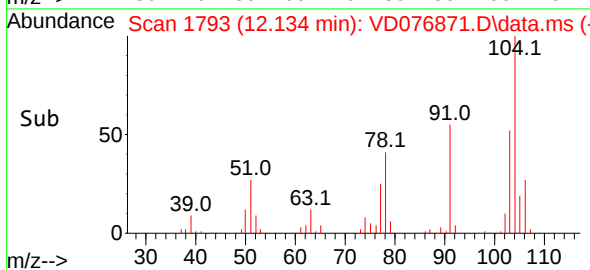
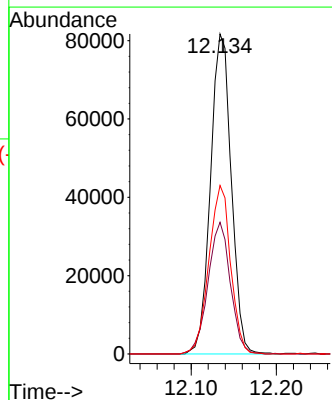
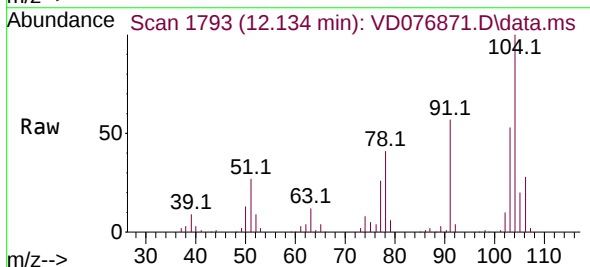
Manual Integrations  
APPROVED

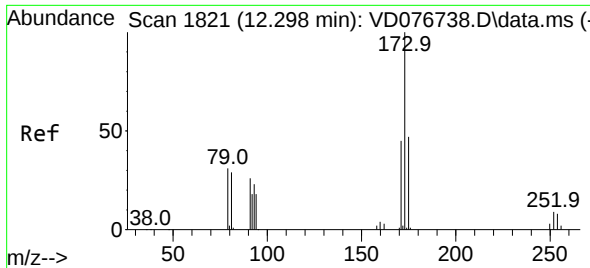
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#70  
Styrene  
Concen: 21.135 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

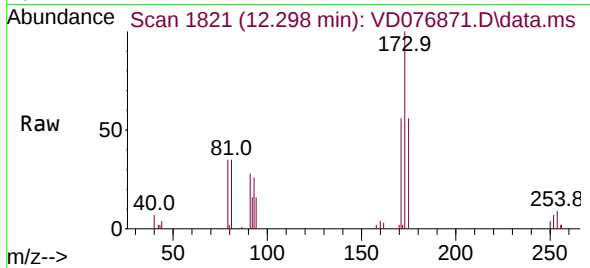
Tgt Ion:104 Resp: 138587  
Ion Ratio Lower Upper  
104 100  
78 44.3 33.2 49.8  
103 55.2 43.6 65.4





#71  
Bromoform  
Concen: 22.304 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

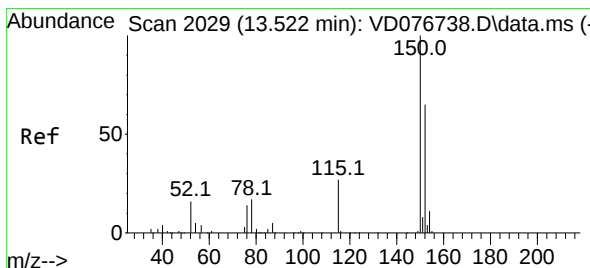
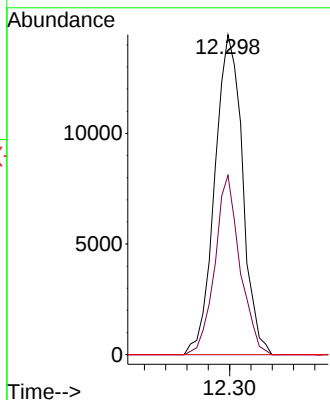
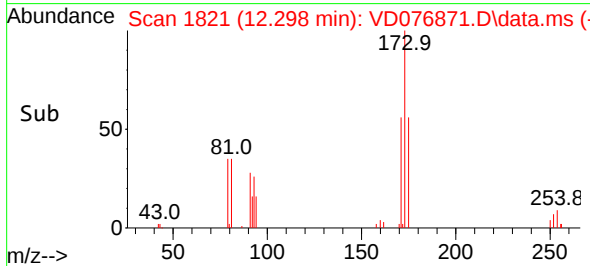
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



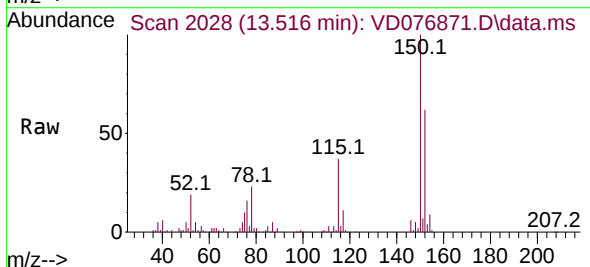
Tgt Ion:173 Resp: 26119  
Ion Ratio Lower Upper  
173 100  
175 50.6 24.6 73.8  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

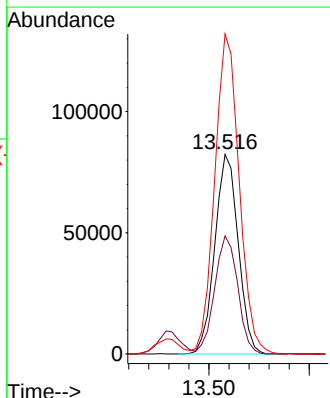
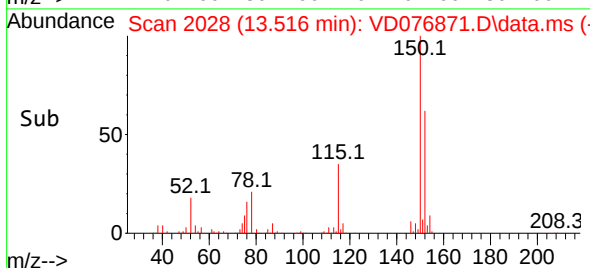
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

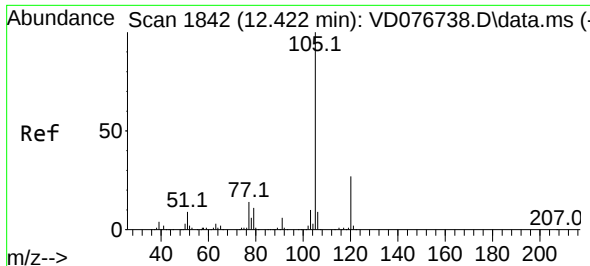


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



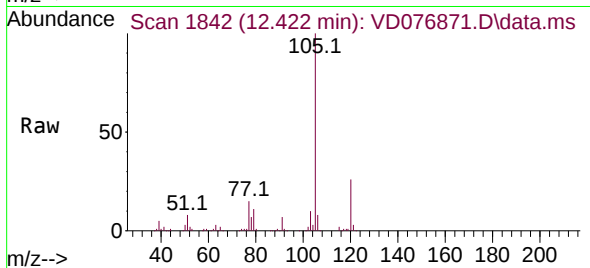
Tgt Ion:152 Resp: 133324  
Ion Ratio Lower Upper  
152 100  
115 58.2 27.1 81.3  
150 167.9 0.0 353.6





#73  
Isopropylbenzene  
Concen: 21.556 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

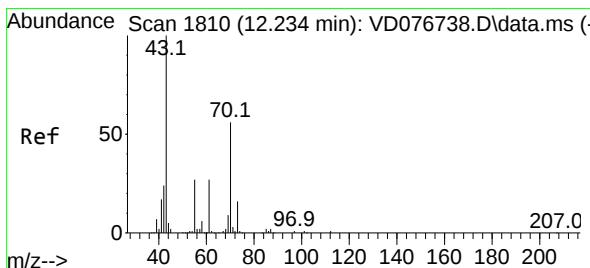
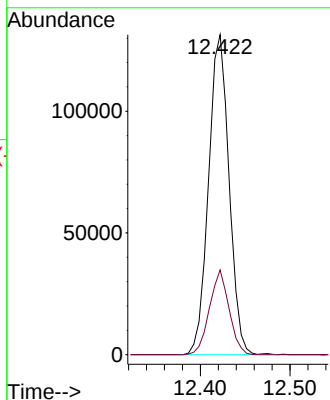
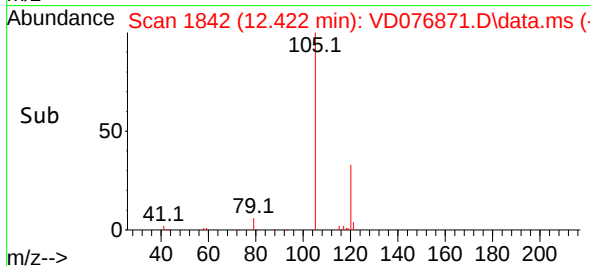
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion:105 Resp: 208508  
Ion Ratio Lower Upper  
105 100  
120 25.3 14.3 42.9

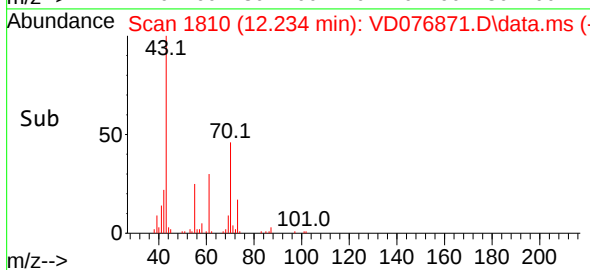
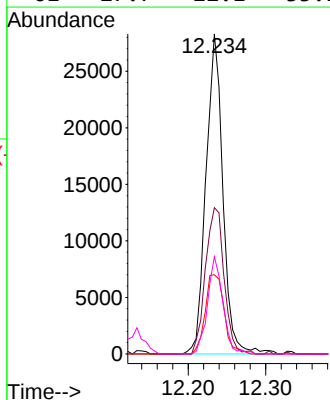
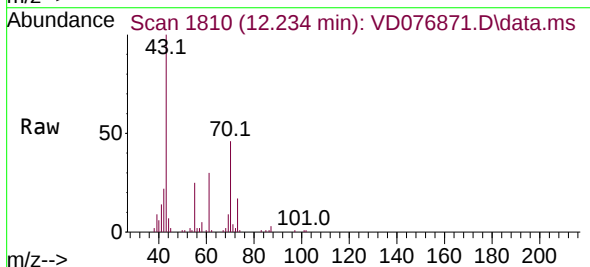
Manual Integrations  
APPROVED

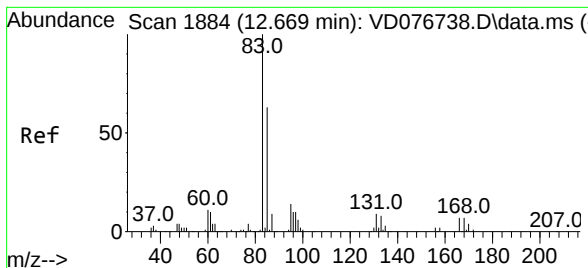
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#74  
N-ethyl acetate  
Concen: 21.067 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 43 Resp: 42931  
Ion Ratio Lower Upper  
43 100  
70 50.5 45.0 67.4  
55 27.8 23.8 35.6  
61 27.7 22.1 33.1





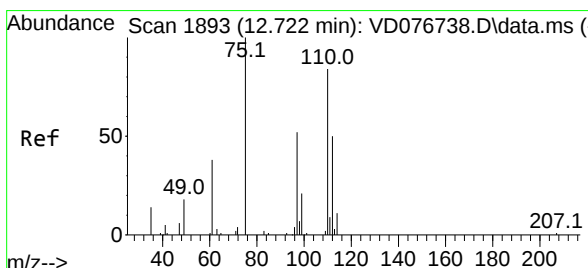
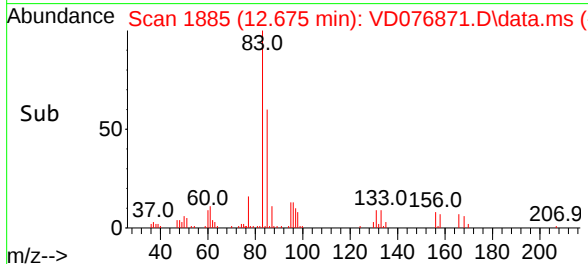
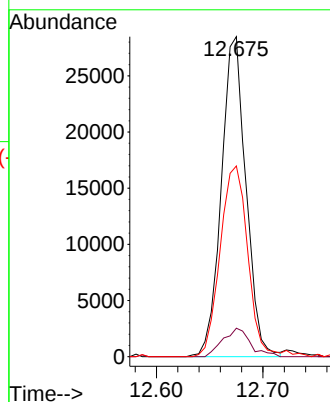
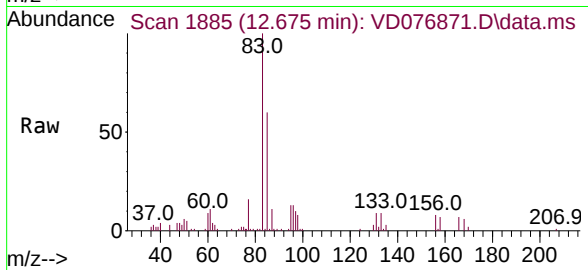
#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.048 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 83 Resp: 4579  
Ion Ratio Lower Upper  
83 100  
131 9.9 5.1 15.3  
85 67.4 32.6 97.8

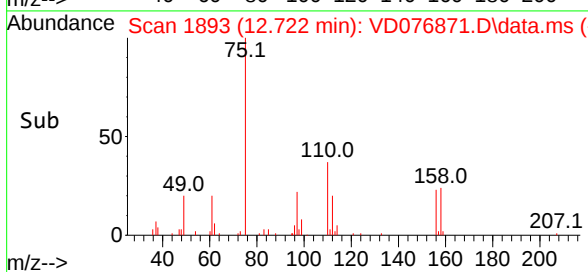
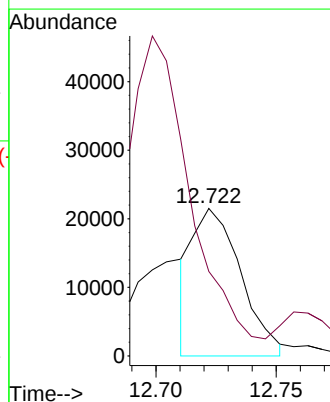
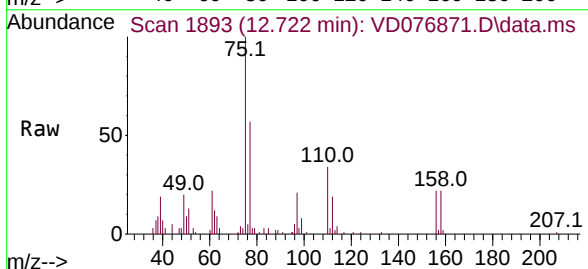
Manual Integrations  
APPROVED

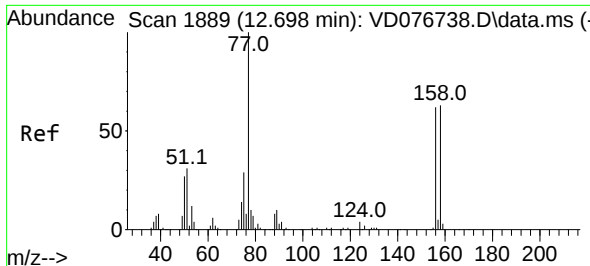
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#76  
1,2,3-Trichloropropane  
Concen: 23.723 ug/l m  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

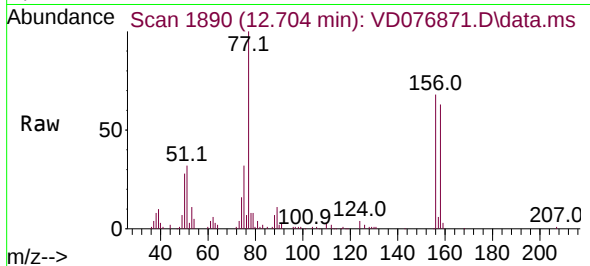
Tgt Ion: 75 Resp: 30078  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77  
Bromobenzene  
Concen: 22.707 ug/l  
RT: 12.704 min Scan# 1889  
Delta R.T. 0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

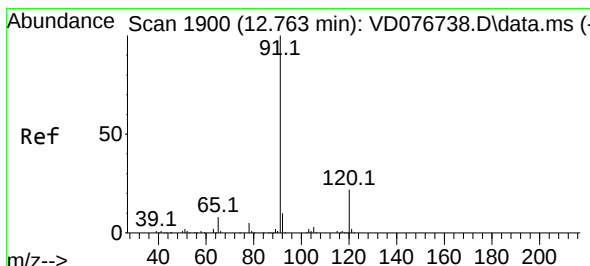
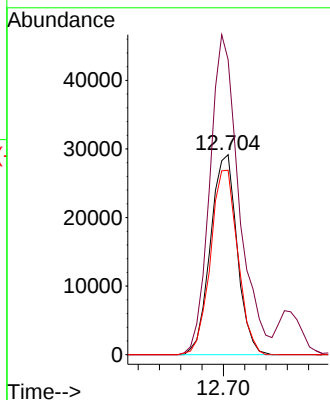
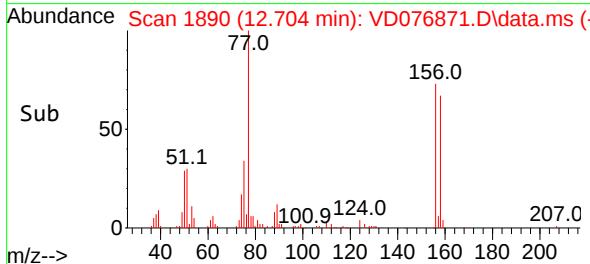
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion:156 Resp: 50700  
Ion Ratio Lower Upper  
156 100  
77 176.3 76.8 230.4  
158 94.2 48.6 145.9

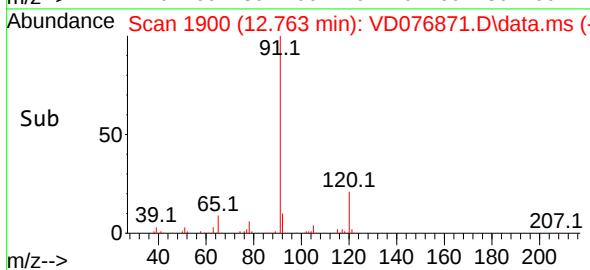
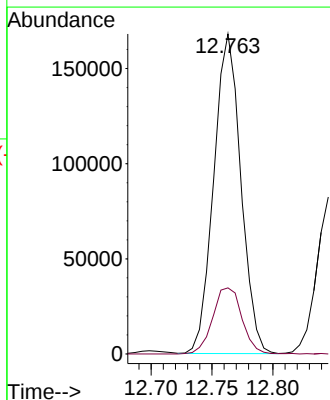
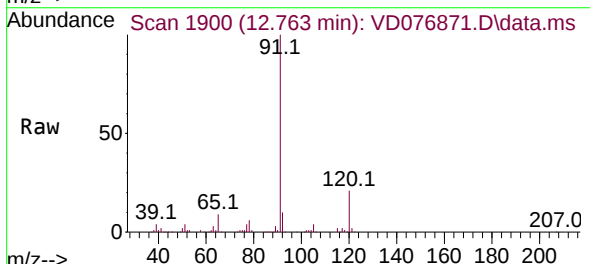
Manual Integrations  
APPROVED

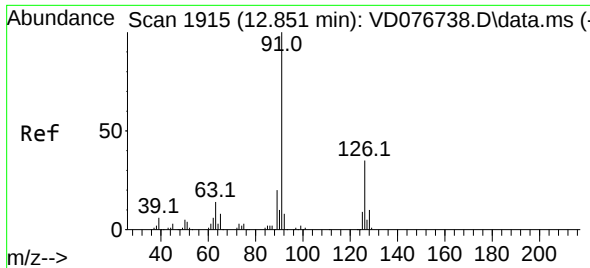
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#78  
n-propylbenzene  
Concen: 22.198 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 91 Resp: 260305  
Ion Ratio Lower Upper  
91 100  
120 22.4 12.4 37.2





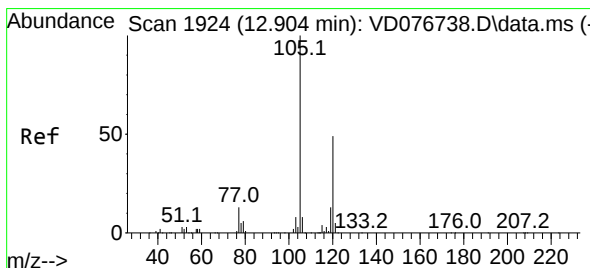
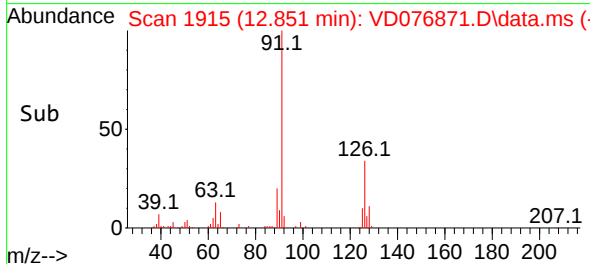
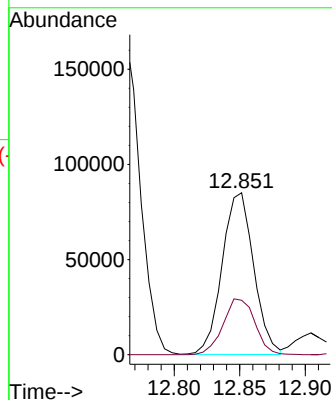
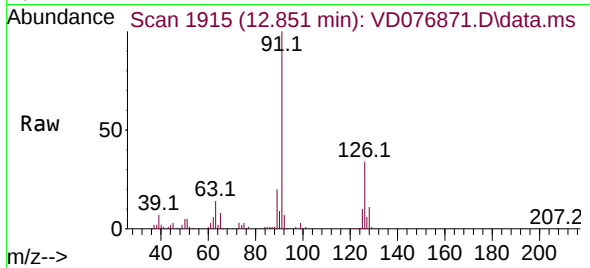
#79  
2-Chlorotoluene  
Concen: 22.126 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion: 91 Resp: 142269  
Ion Ratio Lower Upper  
91 100  
126 34.9 19.4 58.1

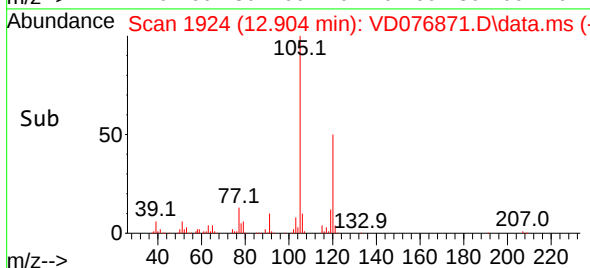
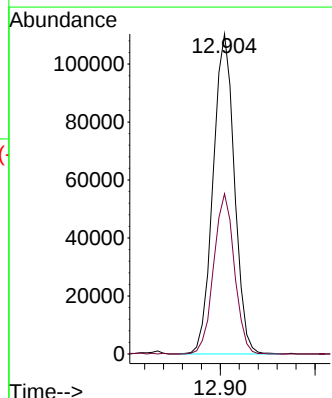
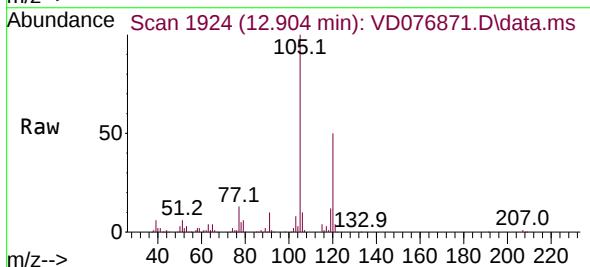
Manual Integrations  
APPROVED

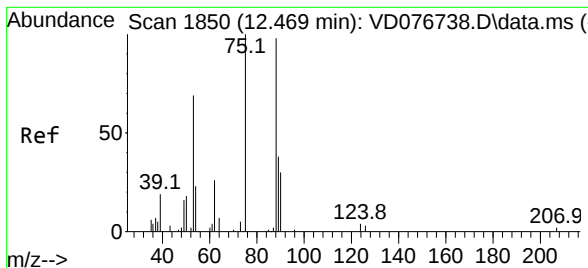
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 22.086 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

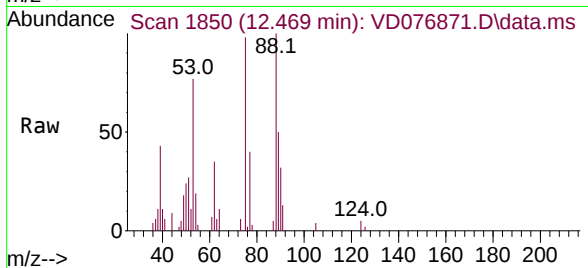
Tgt Ion:105 Resp: 172745  
Ion Ratio Lower Upper  
105 100  
120 48.7 26.4 79.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.964 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

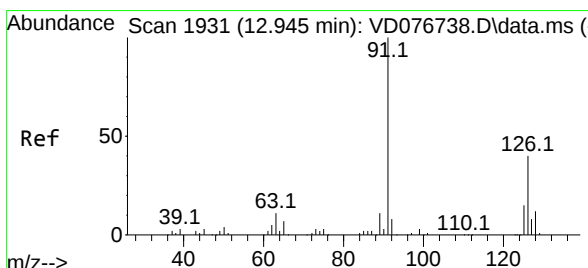
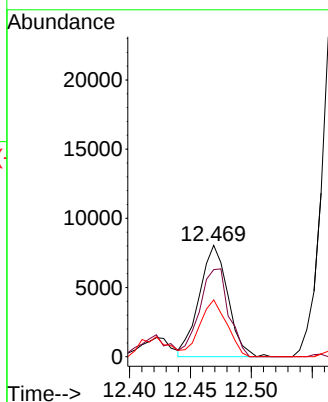
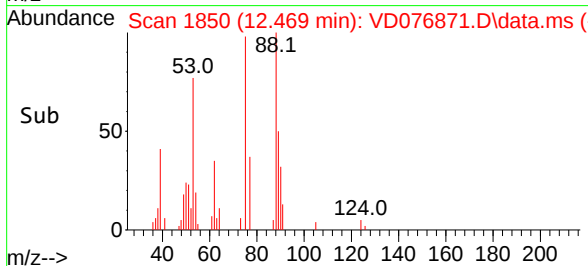
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



Tgt Ion: 75 Resp: 13085  
Ion Ratio Lower Upper  
75 100  
53 80.6 63.0 94.4  
89 48.7 37.9 56.9

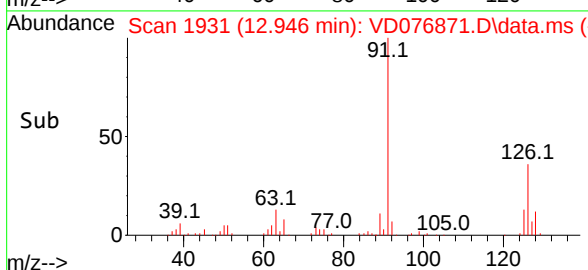
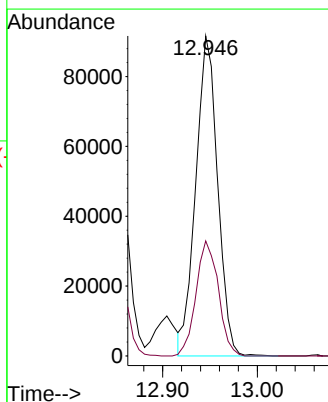
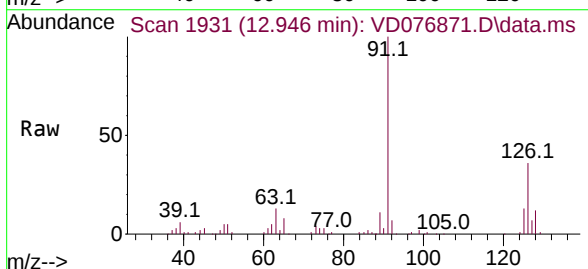
Manual Integrations  
APPROVED

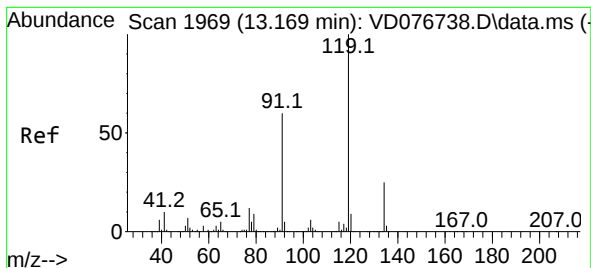
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#82  
4-Chlorotoluene  
Concen: 21.900 ug/l  
RT: 12.946 min Scan# 1931  
Delta R.T. 0.001 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion: 91 Resp: 147108  
Ion Ratio Lower Upper  
91 100  
126 36.7 19.4 58.4





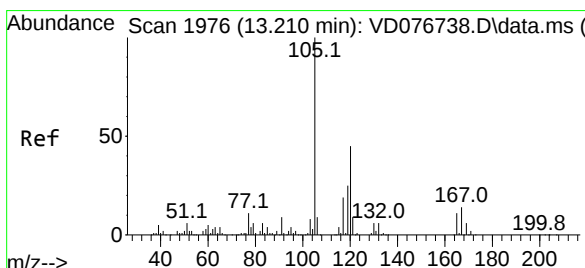
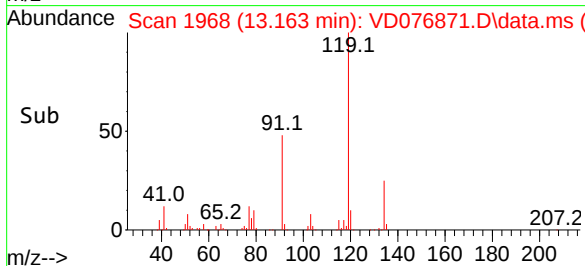
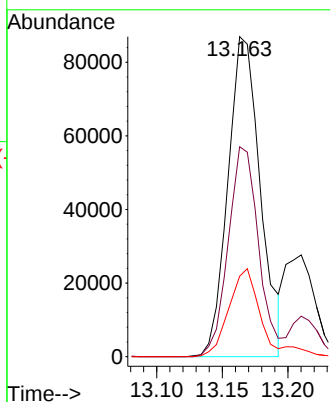
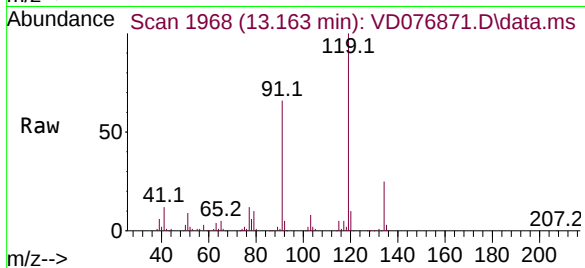
#83  
tert-Butylbenzene  
Concen: 21.782 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. -0.006 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01

Tgt Ion:119 Resp: 15000  
Ion Ratio Lower Upper  
119 100  
91 61.1 29.3 87.8  
134 27.6 14.1 42.3

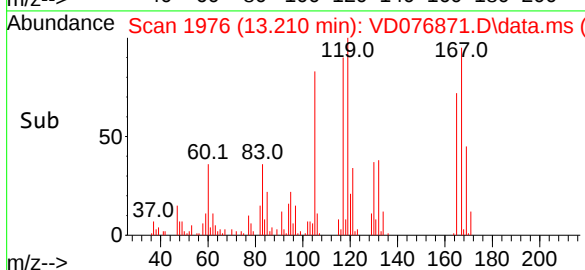
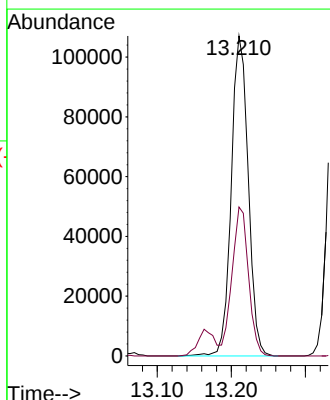
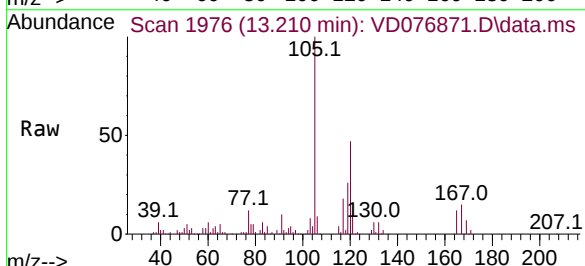
Manual Integrations  
APPROVED

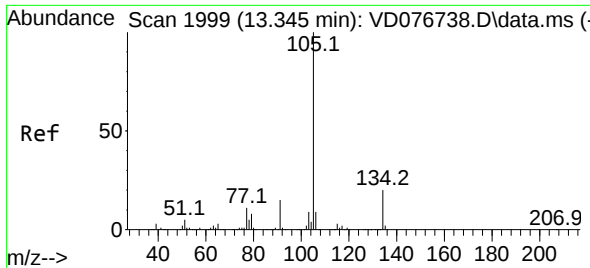
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 21.241 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

Tgt Ion:105 Resp: 169775  
Ion Ratio Lower Upper  
105 100  
120 45.9 24.3 72.9





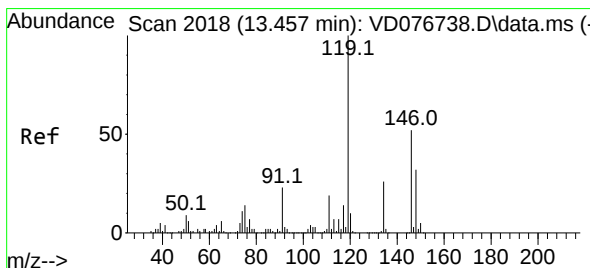
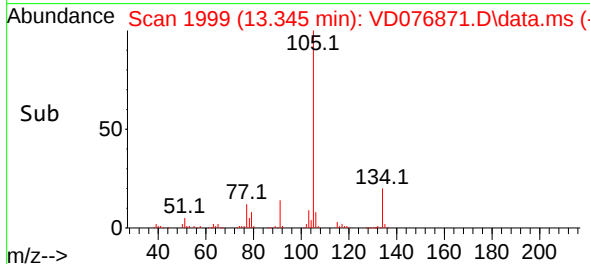
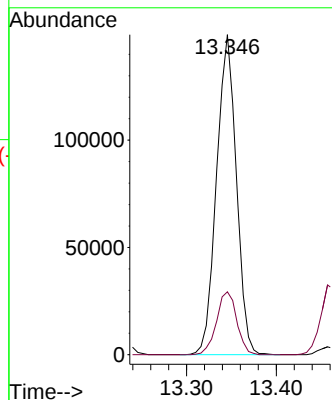
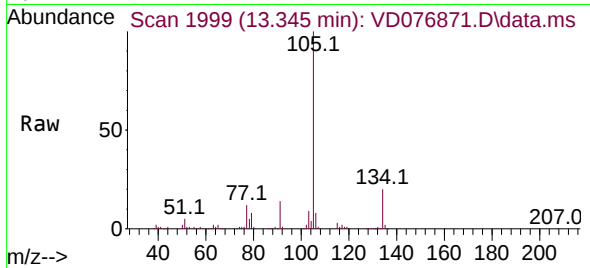
#85  
 sec-Butylbenzene  
 Concen: 21.734 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBSD01

Tgt Ion:105 Resp: 228678  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.9 32.9

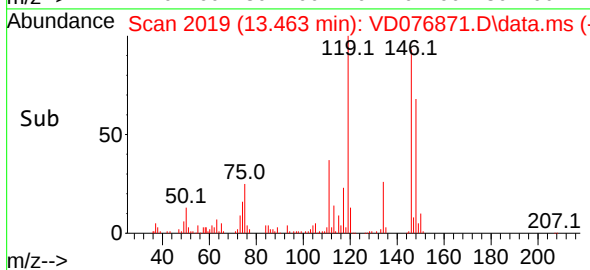
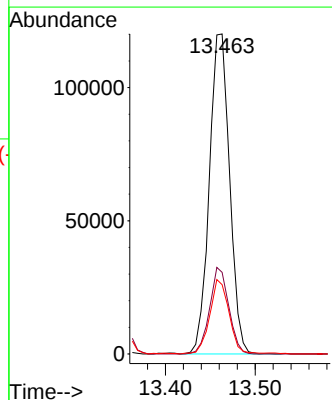
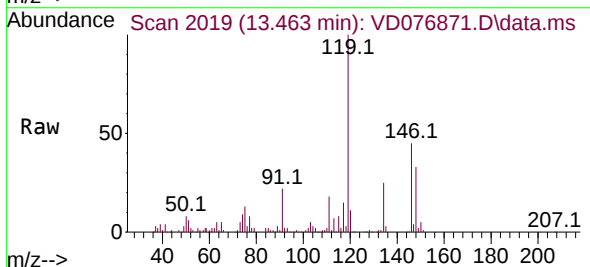
Manual Integrations  
 APPROVED

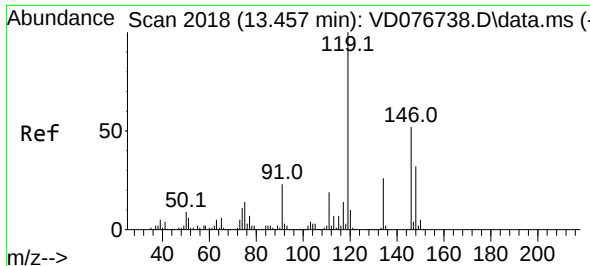
Reviewed By :John Carlone 08/01/2023  
 Supervised By :Mahesh Dadoda 08/01/2023



#86  
 p-Isopropyltoluene  
 Concen: 21.701 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.006 min  
 Lab File: VD076871.D  
 Acq: 31 Jul 2023 13:38

Tgt Ion:119 Resp: 188574  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 14.2 42.6  
 91 22.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.594 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

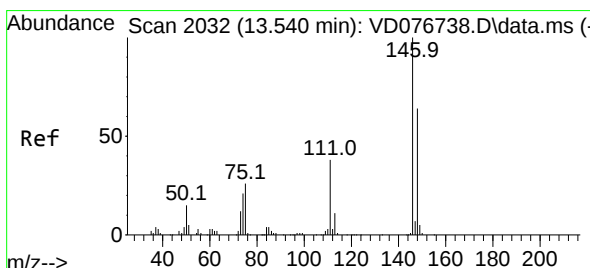
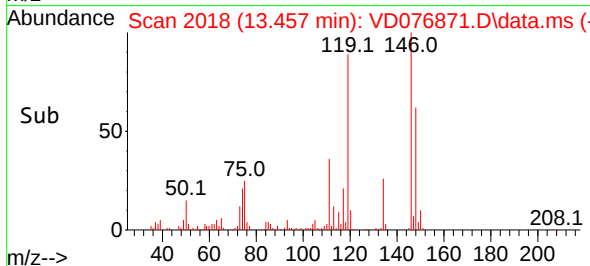
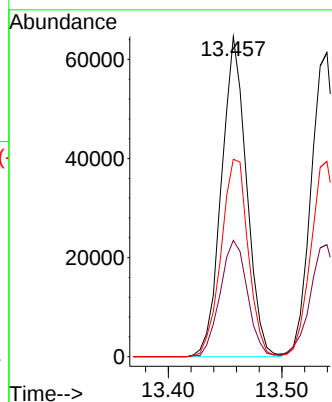
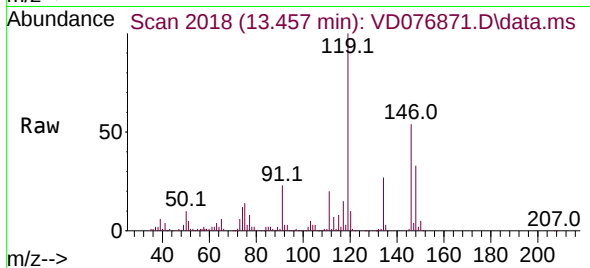
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 99160     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 39.4  | 17.9 53.8 |
| 148         | 66.6  | 32.3 96.8 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#88

1,4-Dichlorobenzene

Concen: 22.435 ug/l

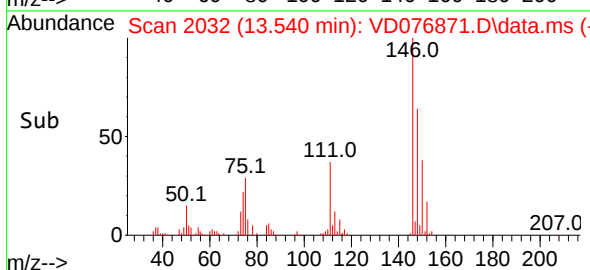
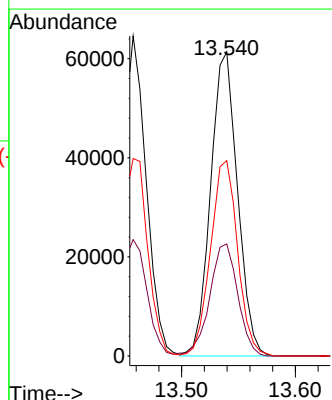
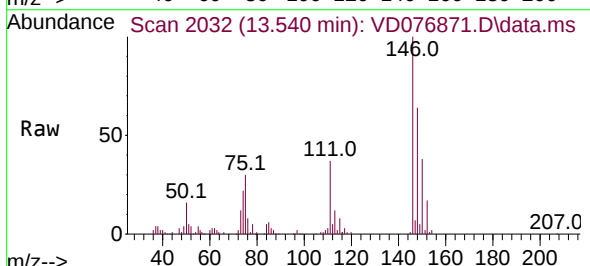
RT: 13.540 min Scan# 2032

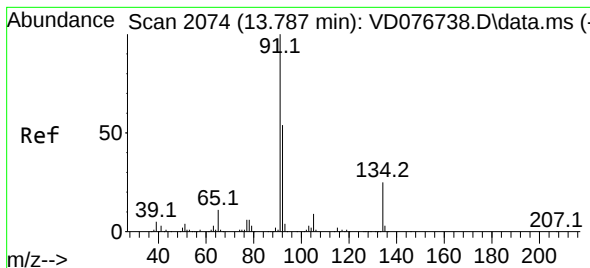
Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 100945    |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 38.6  | 17.4 52.3 |
| 148         | 64.8  | 31.7 95.1 |





#89

n-Butylbenzene

Concen: 21.329 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

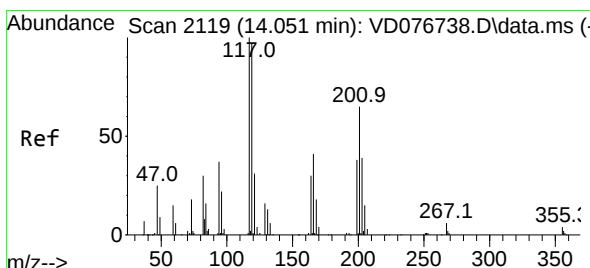
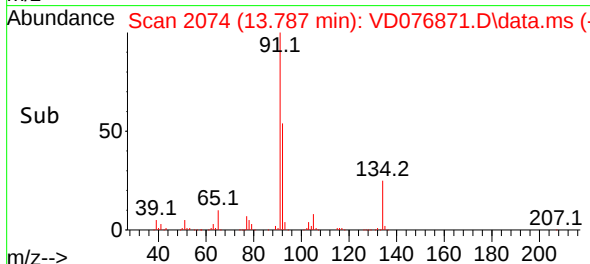
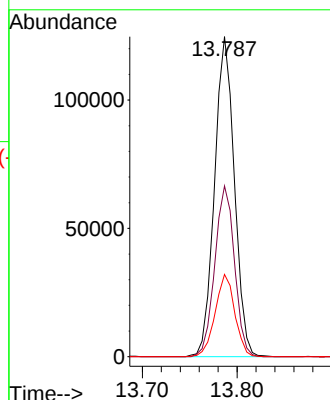
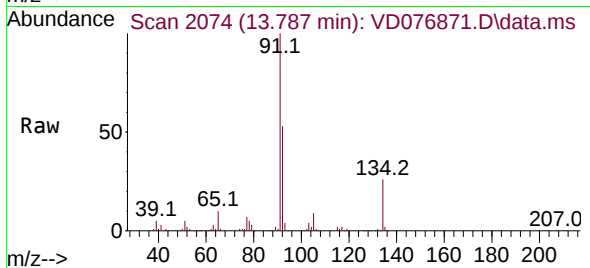
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 18136 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 52.9  | 26.5  | 79.5  |
| 134       | 25.5  | 13.8  | 41.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#90

Hexachloroethane

Concen: 24.016 ug/l

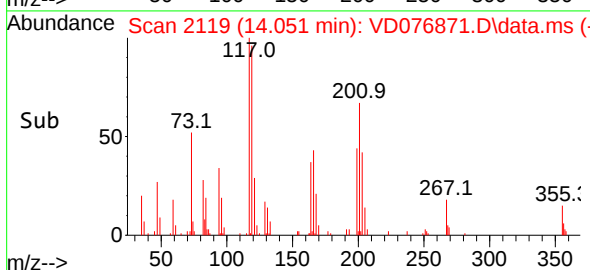
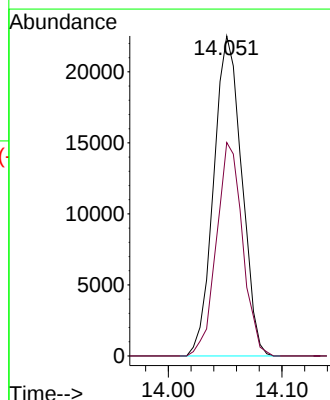
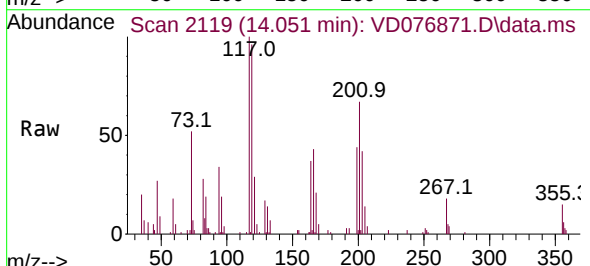
RT: 14.051 min Scan# 2119

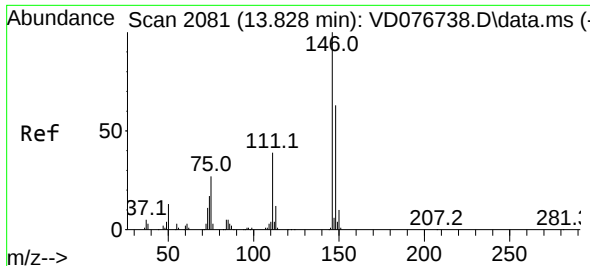
Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

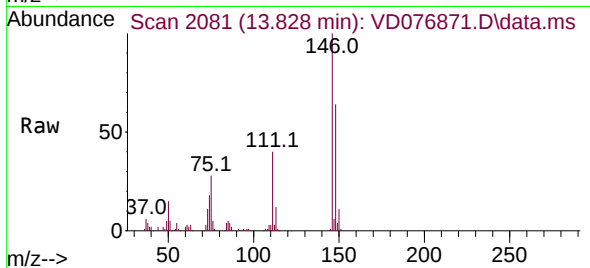
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 38582 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 62.2  | 38.5  | 115.5 |





#91  
1,2-Dichlorobenzene  
Concen: 22.228 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

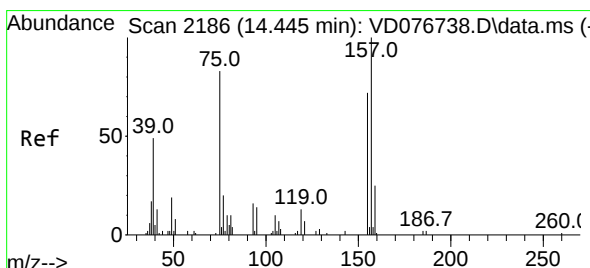
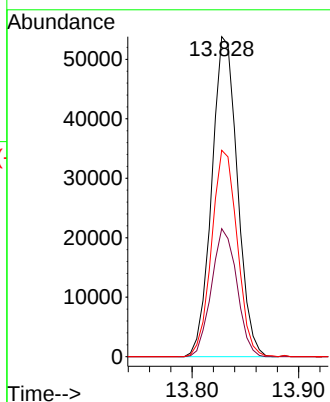
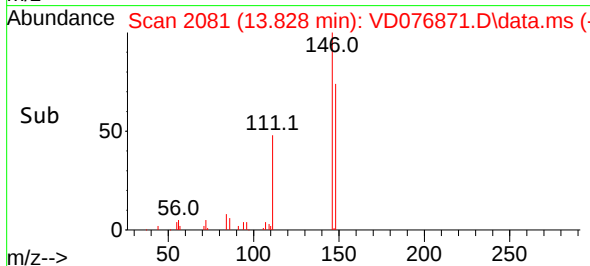
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



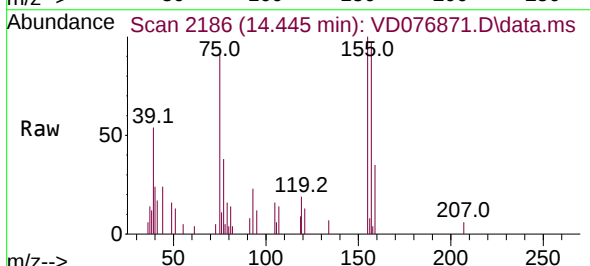
Tgt Ion:146 Resp: 89949  
Ion Ratio Lower Upper  
146 100  
111 39.5 18.3 54.8  
148 64.4 31.6 94.7

Manual Integrations  
APPROVED

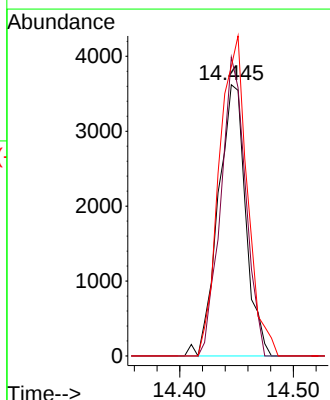
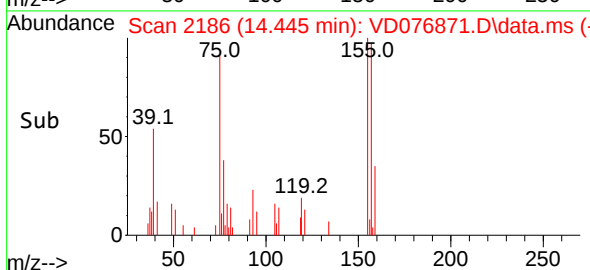
Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023

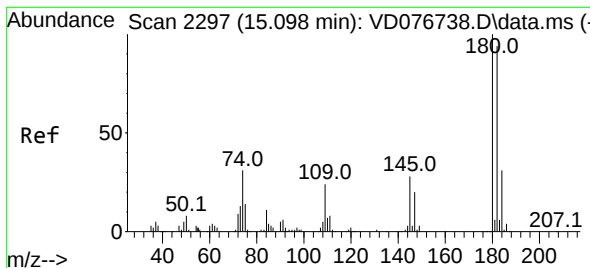


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.559 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



Tgt Ion: 75 Resp: 6088  
Ion Ratio Lower Upper  
75 100  
155 99.3 47.9 143.8  
157 120.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.824 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

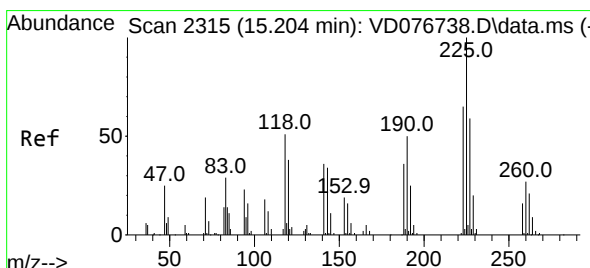
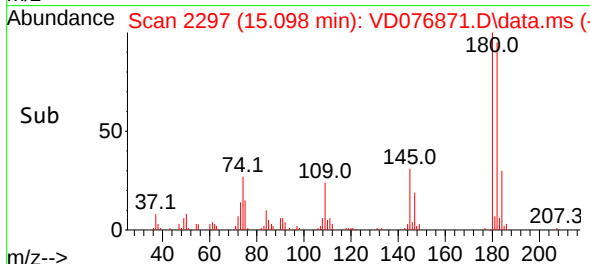
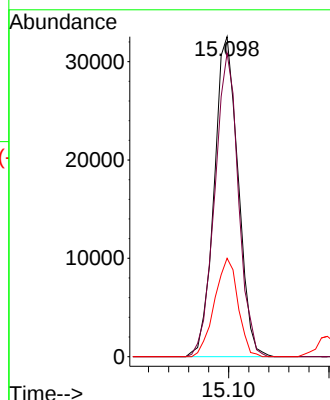
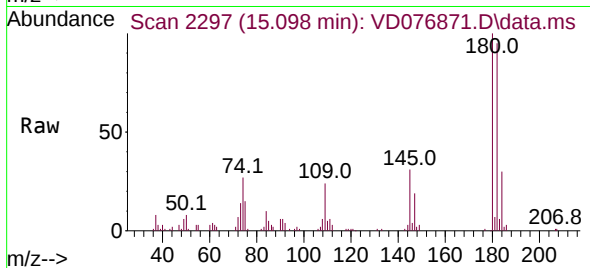
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 5391  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.7  | 48.5  | 145.6 |
| 145       | 30.1  | 14.2  | 42.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#94

Hexachlorobutadiene

Concen: 22.040 ug/l

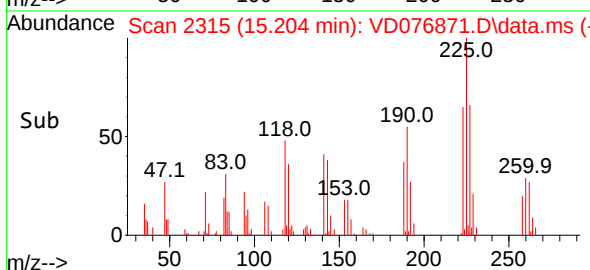
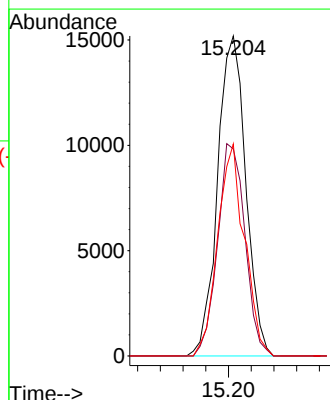
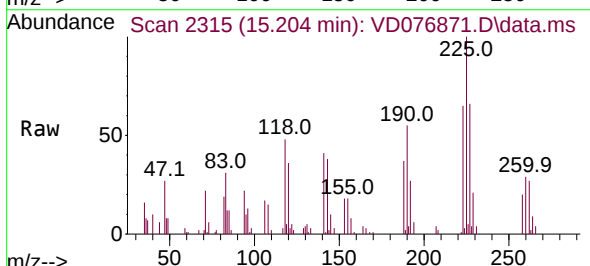
RT: 15.204 min Scan# 2315

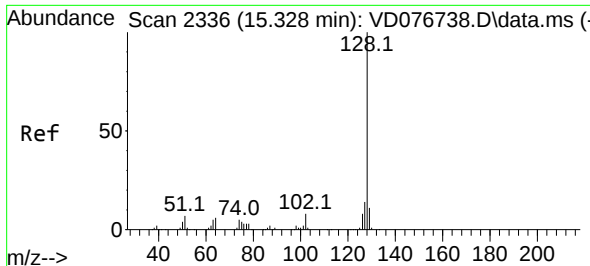
Delta R.T. 0.000 min

Lab File: VD076871.D

Acq: 31 Jul 2023 13:38

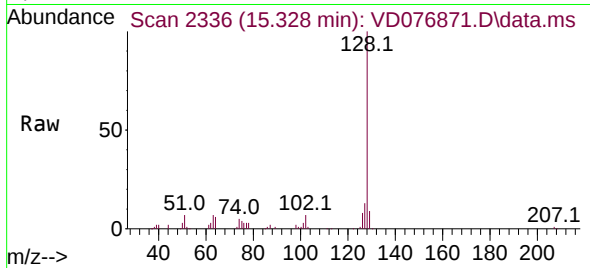
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 26187 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.3  | 31.6  | 94.8  |
| 227       | 63.0  | 31.7  | 95.1  |





#95  
Naphthalene  
Concen: 21.003 ug/l  
RT: 15.328 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38

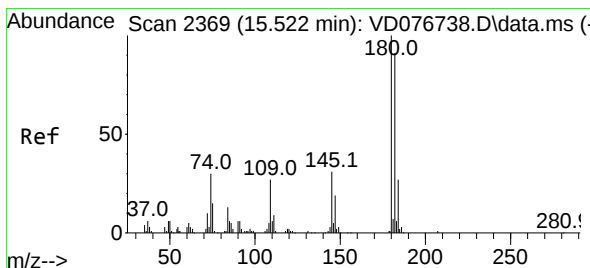
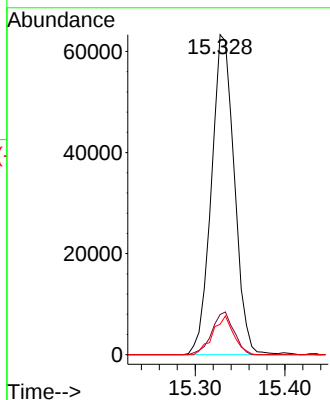
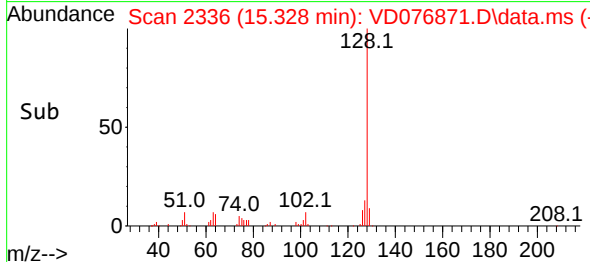
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBSD01



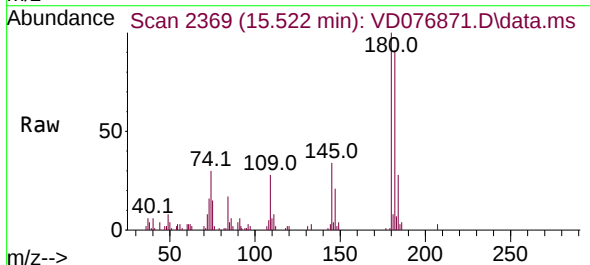
Tgt Ion:128 Resp: 112349  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.5 15.7  
129 9.5 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 08/01/2023  
Supervised By :Mahesh Dadoda 08/01/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 21.924 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD076871.D  
Acq: 31 Jul 2023 13:38



Tgt Ion:180 Resp: 48605  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.3 141.9  
145 32.5 15.1 45.3

