

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102423\  
 Data File : VD077390.D  
 Acq On : 24 Oct 2023 12:56  
 Operator : JC/SY  
 Sample : VD1024SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1024SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/25/2023  
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 04:02:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 18 03:02:43 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.875          | 168  | 179414     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775          | 114  | 311095     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581         | 117  | 301533     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516         | 152  | 153305     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228          | 65   | 75689      | 47.245  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 94.480% |        |          |
| 35) Dibromofluoromethane     | 7.804          | 113  | 89500      | 40.950  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 81.900% |        |          |
| 50) Toluene-d8               | 10.269         | 98   | 325922     | 41.639  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = | 83.280% |        |          |
| 62) 4-Bromofluorobenzene     | 12.575         | 95   | 94066      | 41.749  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = | 83.500% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934          | 85   | 35144      | 21.070  | ug/l   | 94       |
| 3) Chloromethane             | 2.152          | 50   | 67168      | 19.775  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.287          | 62   | 87663      | 21.849  | ug/l   | 99       |
| 5) Bromomethane              | 2.687          | 94   | 60415      | 23.432  | ug/l   | 98       |
| 6) Chloroethane              | 2.840          | 64   | 66601      | 23.613  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.175          | 101  | 107928     | 26.517  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.599          | 74   | 19655      | 18.017  | ug/l   | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 3.969          | 101  | 43083      | 20.460  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.163          | 142  | 45185      | 17.537  | ug/l # | 90       |
| 11) Tert butyl alcohol       | 5.058          | 59   | 13621      | 151.140 | ug/l # | 82       |
| 12) 1,1-Dichloroethene       | 3.940          | 96   | 40607      | 19.657  | ug/l   | 95       |
| 13) Acrolein                 | 3.793          | 56   | 15950      | 101.954 | ug/l   | 94       |
| 14) Allyl chloride           | 4.563          | 41   | 42724      | 21.798  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.252          | 53   | 42987      | 130.032 | ug/l   | 97       |
| 16) Acetone                  | 4.016          | 43   | 40532      | 115.373 | ug/l # | 85       |
| 17) Carbon Disulfide         | 4.275          | 76   | 127687     | 21.027  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.563          | 43   | 28536      | 23.339  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.316          | 73   | 82878      | 23.555  | ug/l   | 97       |
| 20) Methylene Chloride       | 4.805          | 84   | 69357      | 30.786  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.310          | 96   | 48533      | 22.589  | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.210          | 45   | 103510     | 26.903  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.157          | 43   | 236056     | 130.916 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.104          | 63   | 80914      | 25.293  | ug/l   | 97       |
| 25) 2-Butanone               | 7.081          | 43   | 48180      | 132.207 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.069          | 77   | 70791      | 24.269  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.081          | 96   | 55156      | 22.895  | ug/l   | 96       |
| 28) Bromochloromethane       | 7.428          | 49   | 31309      | 26.792  | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.446          | 42   | 26844      | 127.695 | ug/l   | 98       |
| 30) Chloroform               | 7.593          | 83   | 89211      | 24.306  | ug/l   | 98       |
| 31) Cyclohexane              | 7.875          | 56   | 57284      | 22.982  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.793          | 97   | 75018      | 23.691  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.010          | 75   | 61629      | 21.460  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.163          | 43   | 21808      | 24.175  | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 7.987          | 117  | 68984      | 21.593  | ug/l   | 91       |
| 39) Methylcyclohexane        | 9.275          | 83   | 69141      | 19.814  | ug/l   | 98       |
| 40) Benzene                  | 8.251          | 78   | 196446     | 22.541  | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102423\  
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 Operator : JC/SY  
 Sample : VD1024SBS01  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1024SBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/25/2023  
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 04:02:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 18 03:02:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.393  | 41   | 7995m    | 18.571  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 47670    | 23.222  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 38253    | 23.555  | ug/l # | 84       |
| 44) Trichloroethene           | 9.028  | 130  | 50885    | 19.971  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.310  | 63   | 47472    | 23.630  | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 28212    | 22.463  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.581  | 83   | 69062    | 23.060  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 16926    | 23.039  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 5245     | 446.324 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 100967   | 124.027 | ug/l   | 94       |
| 52) Toluene                   | 10.334 | 92   | 126375   | 22.209  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 59781    | 22.238  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 71601    | 21.769  | ug/l # | 93       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 40343    | 23.192  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 36028    | 21.671  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 61035    | 22.841  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 98307    | 119.575 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 71487    | 122.267 | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.075 | 129  | 47004    | 21.161  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 37273    | 22.739  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.810 | 164  | 42285    | 18.867  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.604 | 112  | 134320   | 20.436  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 49963    | 19.998  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.687 | 91   | 220119   | 20.203  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.792 | 106  | 180823   | 40.417  | ug/l   | 93       |
| 69) o-Xylene                  | 12.122 | 106  | 80904    | 19.644  | ug/l   | 96       |
| 70) Styrene                   | 12.134 | 104  | 143901   | 20.479  | ug/l   | 99       |
| 71) Bromoform                 | 12.298 | 173  | 26706    | 19.499  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.422 | 105  | 208967   | 20.608  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.234 | 43   | 35430    | 24.288  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 44479    | 24.138  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 29066m   | 15.940  | ug/l   |          |
| 77) Bromobenzene              | 12.704 | 156  | 53746    | 20.189  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.763 | 91   | 266151   | 21.794  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 146437   | 22.015  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 178390   | 21.318  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 13211    | 23.091  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 153391   | 22.150  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 147764   | 19.917  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 178184   | 21.149  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 230240   | 20.624  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 192855   | 19.885  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 112361   | 20.055  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 114484   | 20.621  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.786 | 91   | 178898   | 21.184  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.051 | 117  | 42616    | 21.738  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 99283    | 20.978  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 6345     | 28.133  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 54182    | 18.375  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 30026    | 17.930  | ug/l   | 97       |
| 95) Naphthalene               | 15.333 | 128  | 92747    | 18.629  | ug/l   | 95       |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 46497    | 18.167  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102423\  
Data File : VD077390.D  
Acq On : 24 Oct 2023 12:56  
Operator : JC/SY  
Sample : VD1024SBS01  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Manual Integrations  
APPROVED

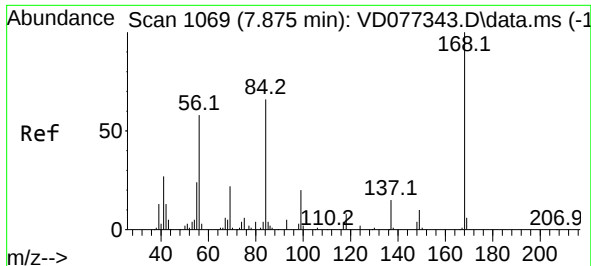
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

Quant Time: Oct 25 04:02:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 18 03:02:43 2023  
Response via : Initial Calibration

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

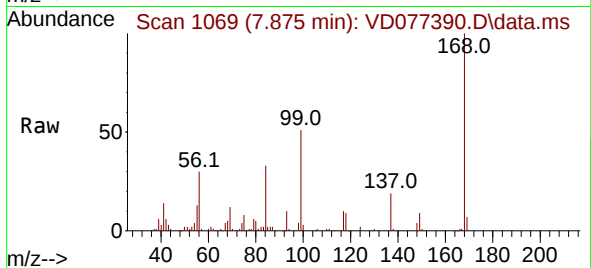
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

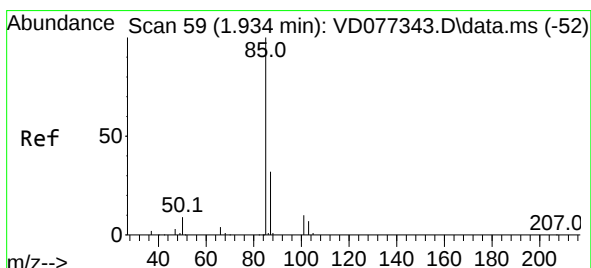
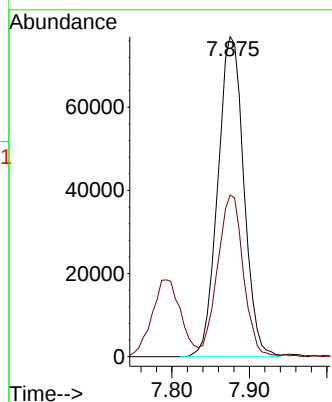
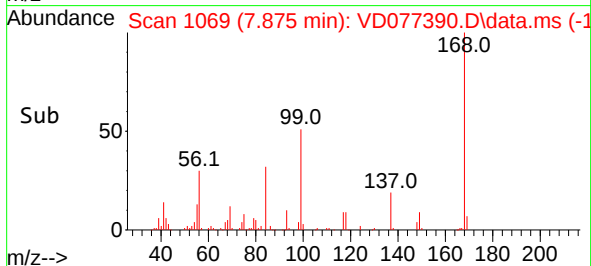
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion:168 Resp: 179414  
Ion Ratio Lower Upper  
168 100  
99 50.2 36.7 55.1

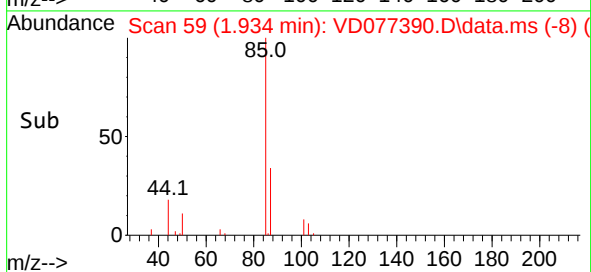
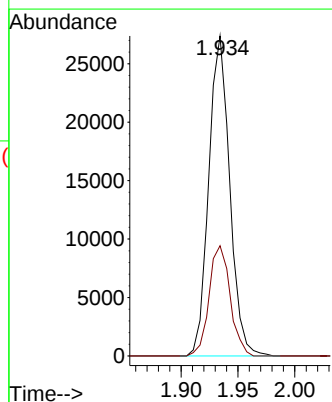
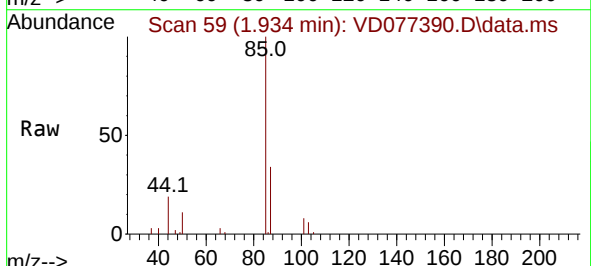
Manual Integrations  
APPROVED

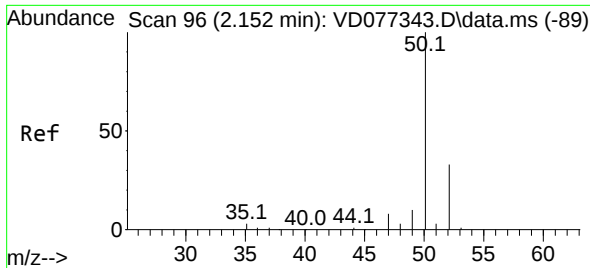
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#2  
Dichlorodifluoromethane  
Concen: 21.070 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

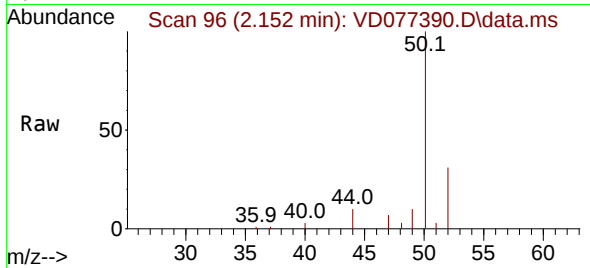
Tgt Ion: 85 Resp: 35144  
Ion Ratio Lower Upper  
85 100  
87 34.4 15.7 47.0





#3  
Chloromethane  
Concen: 19.775 ug/l  
RT: 2.152 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

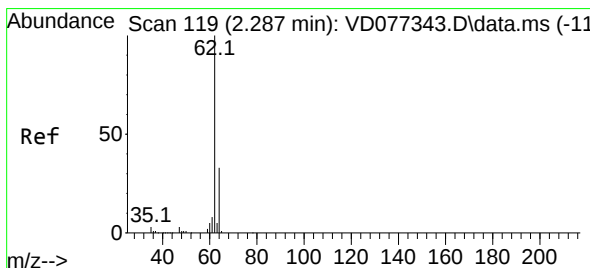
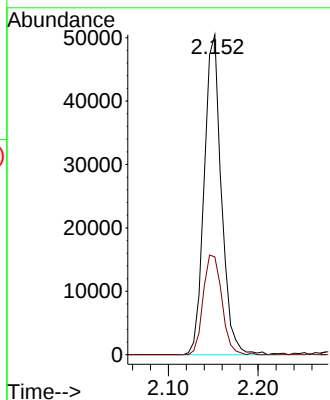
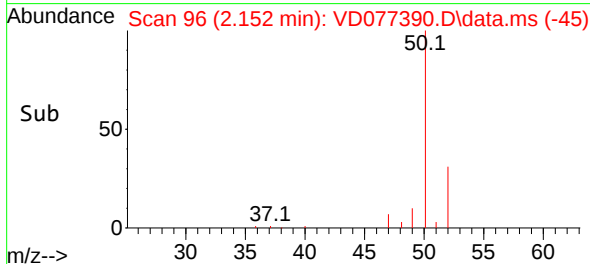
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



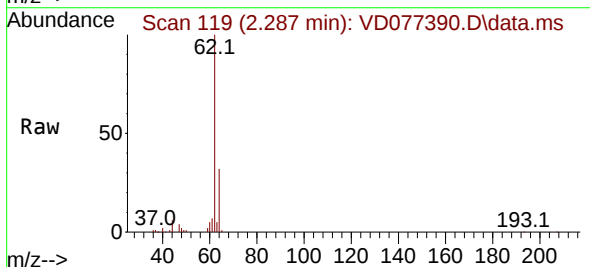
Tgt Ion: 50 Resp: 67168  
Ion Ratio Lower Upper  
50 100  
52 30.6 26.6 40.0

Manual Integrations  
APPROVED

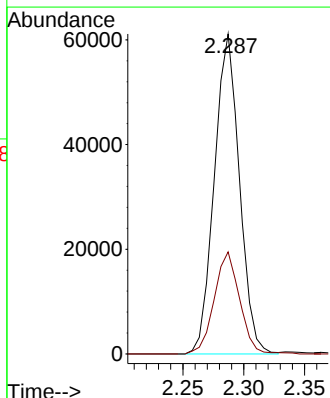
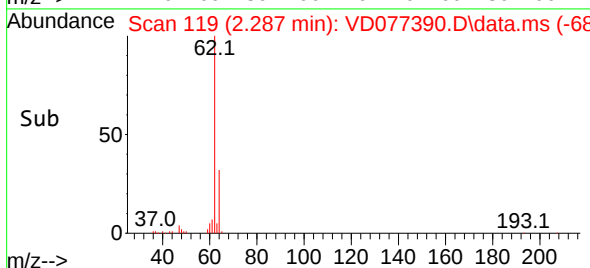
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

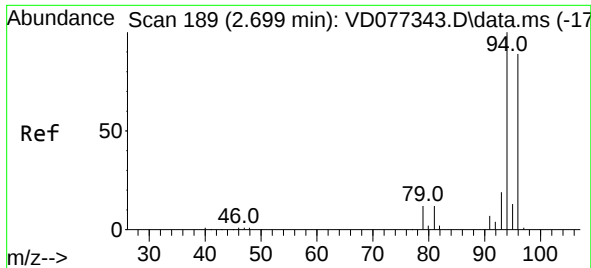


#4  
Vinyl Chloride  
Concen: 21.849 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



Tgt Ion: 62 Resp: 87663  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.0 39.0





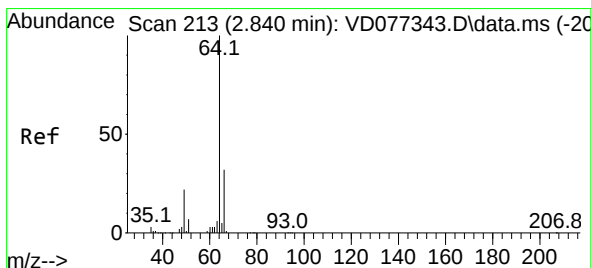
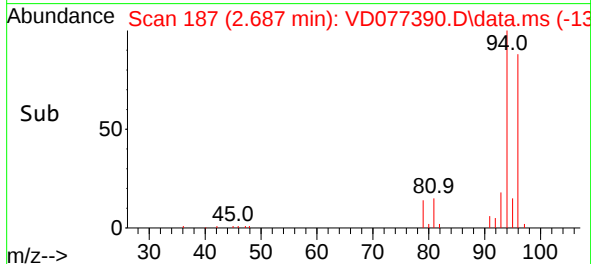
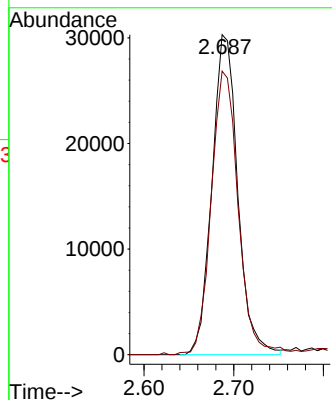
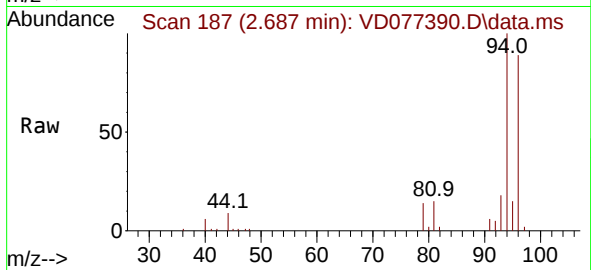
#5  
Bromomethane  
Concen: 23.432 ug/l  
RT: 2.687 min Scan# 189  
Delta R.T. -0.012 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 94 Resp: 60415  
Ion Ratio Lower Upper  
94 100  
96 92.8 75.8 113.8

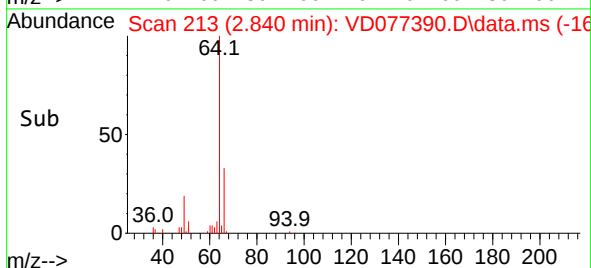
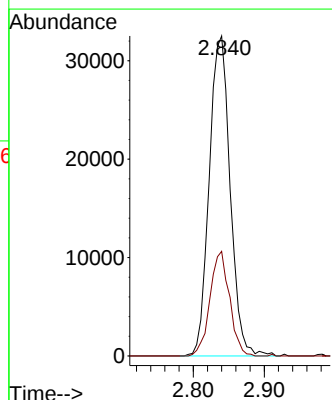
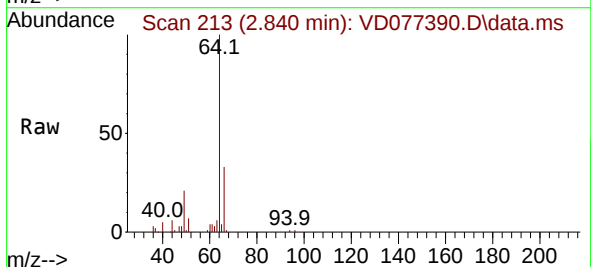
Manual Integrations  
APPROVED

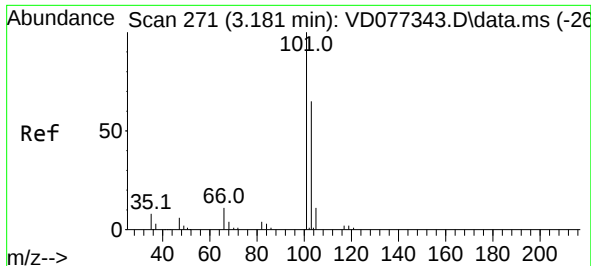
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#6  
Chloroethane  
Concen: 23.613 ug/l  
RT: 2.840 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 64 Resp: 66601  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.5 38.3





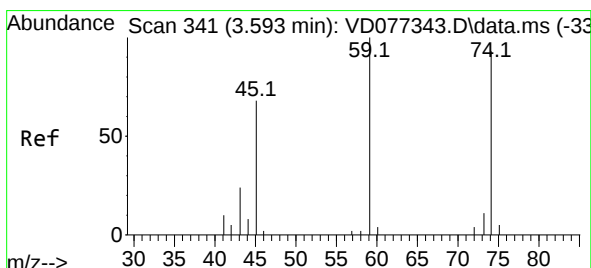
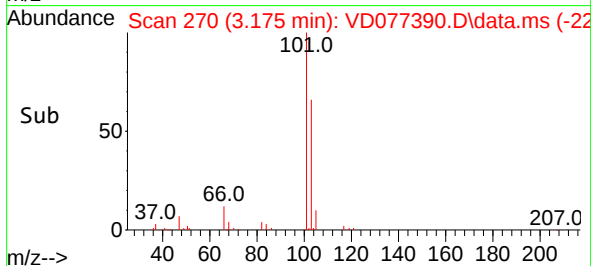
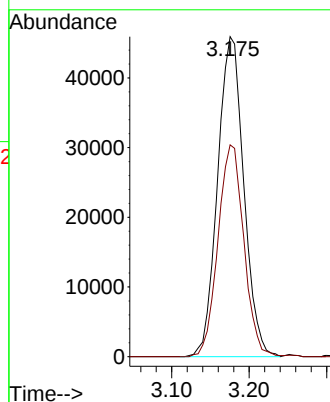
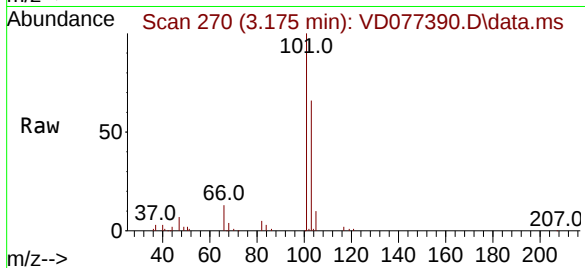
#7  
Trichlorofluoromethane  
Concen: 26.517 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:101 Resp: 107928  
Ion Ratio Lower Upper  
101 100  
103 66.2 52.3 78.5

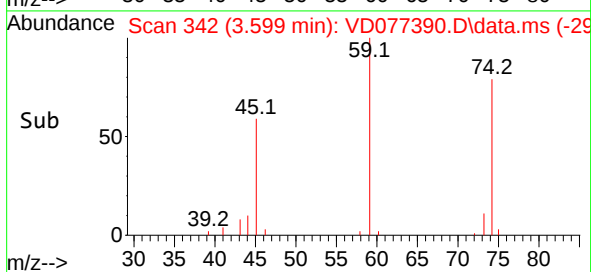
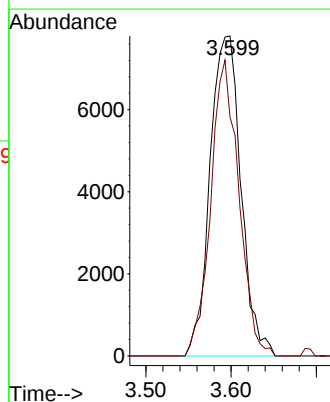
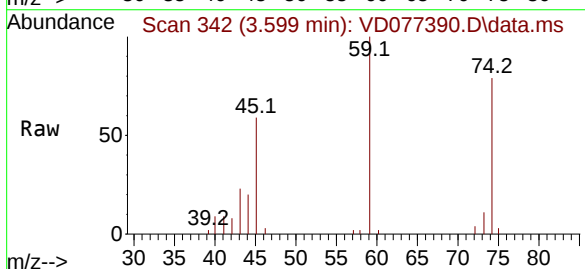
Manual Integrations  
APPROVED

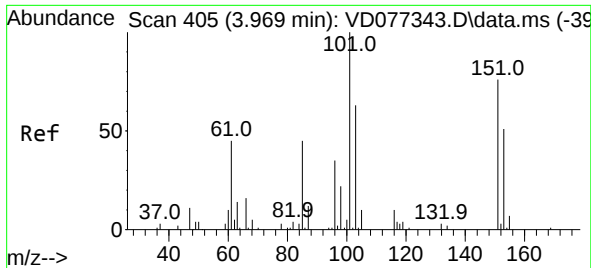
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#8  
Diethyl Ether  
Concen: 18.017 ug/l  
RT: 3.599 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 74 Resp: 19655  
Ion Ratio Lower Upper  
74 100  
45 84.1 37.5 112.7





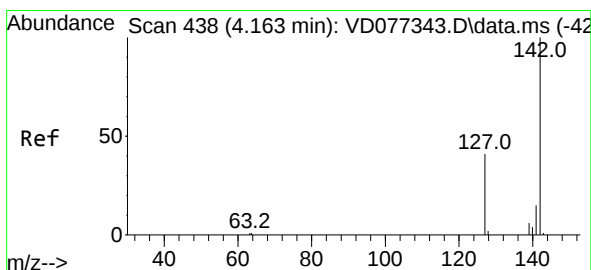
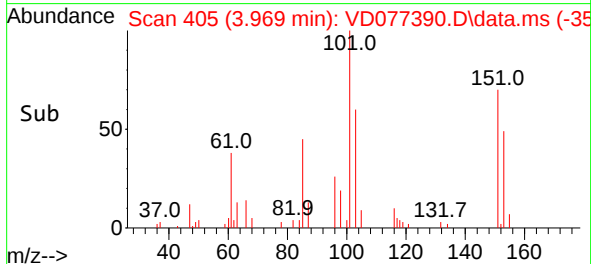
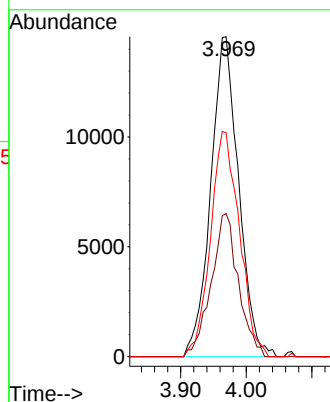
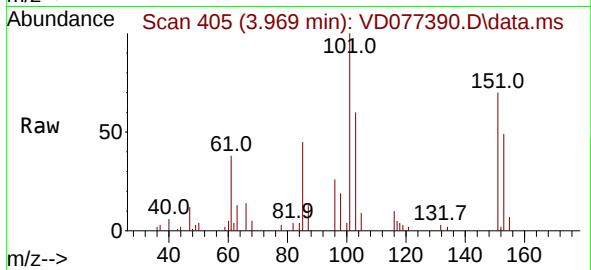
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.460 ug/l  
RT: 3.969 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:101 Resp: 43083  
Ion Ratio Lower Upper  
101 100  
85 43.6 33.8 50.6  
151 72.7 59.8 89.6

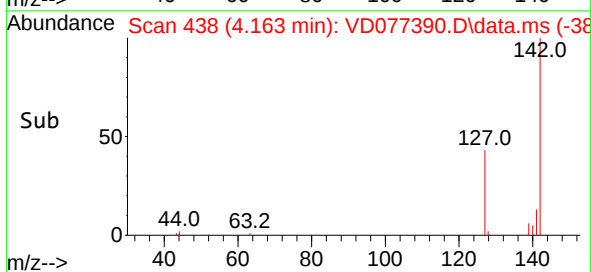
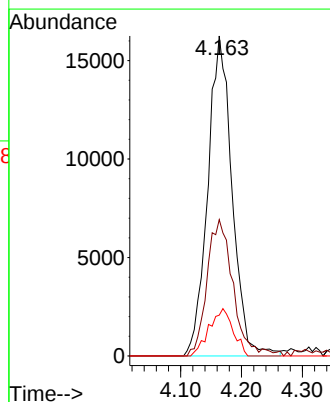
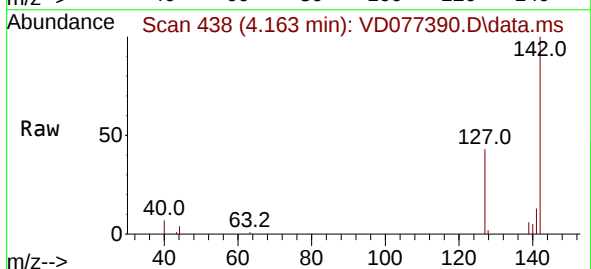
Manual Integrations  
APPROVED

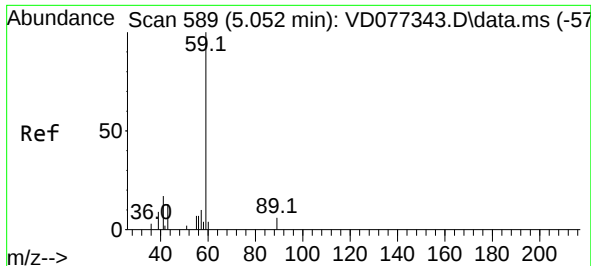
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#10  
Methyl Iodide  
Concen: 17.537 ug/l  
RT: 4.163 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion:142 Resp: 45185  
Ion Ratio Lower Upper  
142 100  
127 44.2 29.4 44.0#  
141 14.5 11.1 16.7





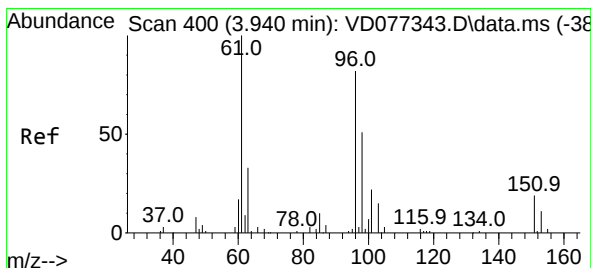
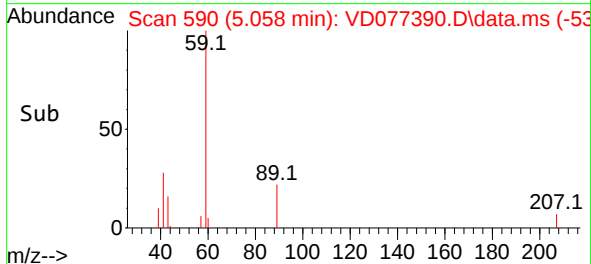
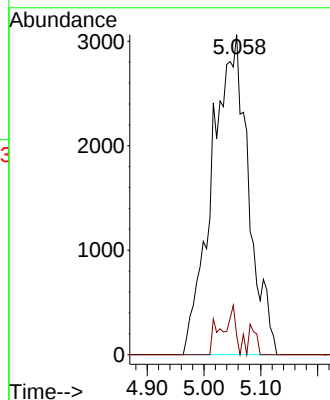
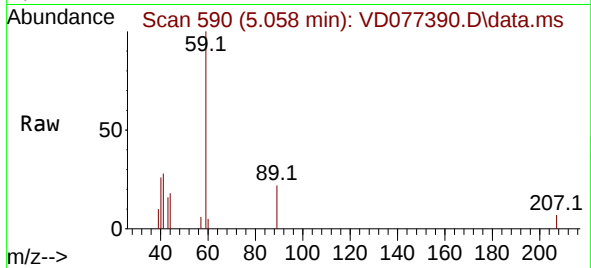
#11  
Tert butyl alcohol  
Concen: 151.140 ug/l  
RT: 5.058 min Scan# 589  
Delta R.T. 0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 59 Resp: 1362  
Ion Ratio Lower Upper  
59 100  
57 3.2 7.8 11.8

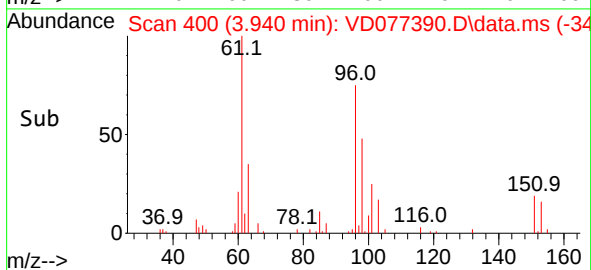
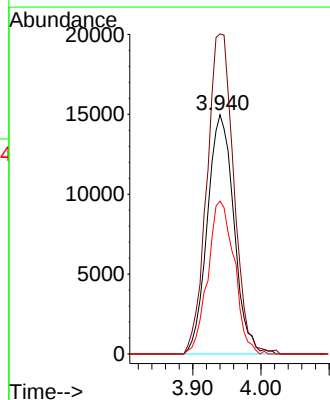
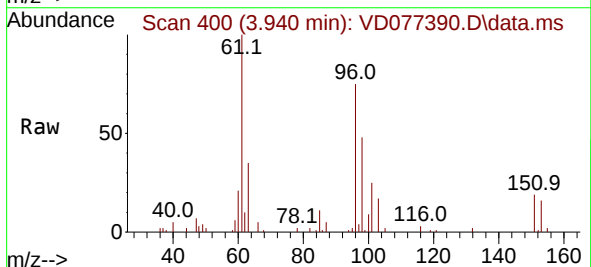
Manual Integrations  
APPROVED

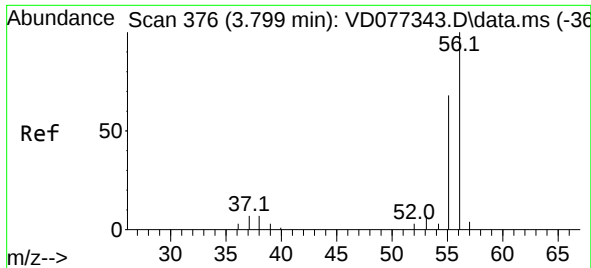
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#12  
1,1-Dichloroethene  
Concen: 19.657 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

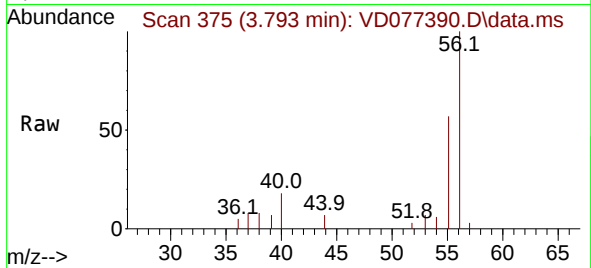
Tgt Ion: 96 Resp: 40607  
Ion Ratio Lower Upper  
96 100  
61 133.8 100.6 150.8  
98 63.9 50.2 75.2





#13  
Acrolein  
Concen: 101.954 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

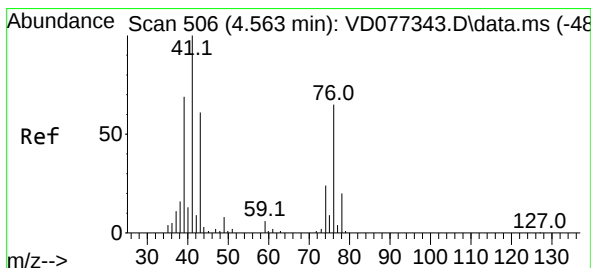
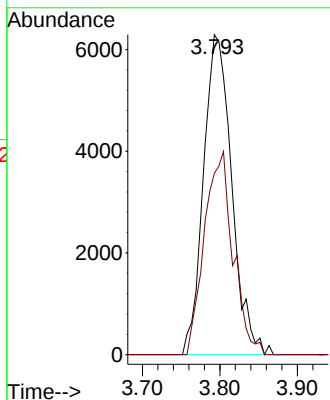
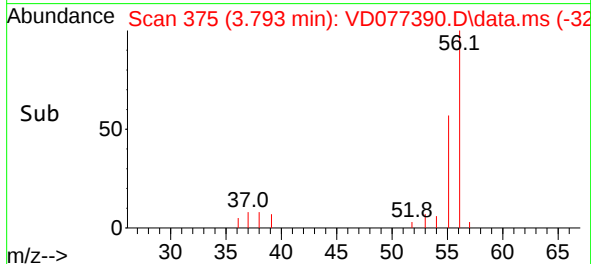
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 56 Resp: 15950  
Ion Ratio Lower Upper  
56 100  
55 64.3 55.1 82.7

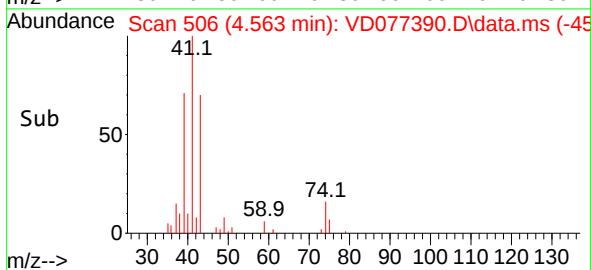
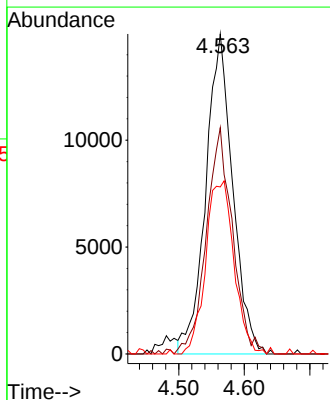
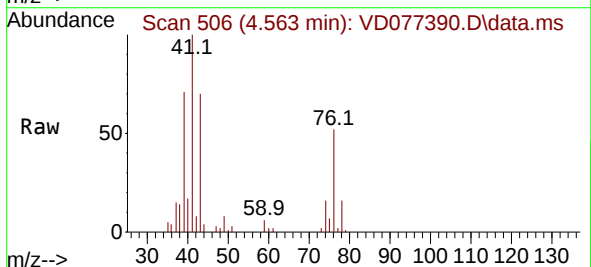
Manual Integrations  
APPROVED

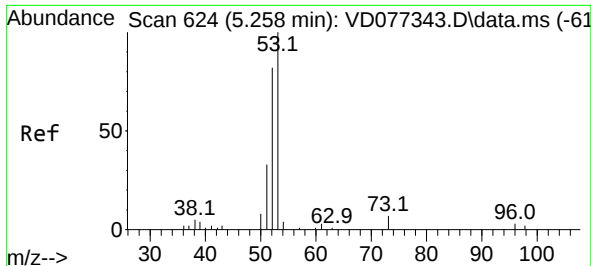
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#14  
Allyl chloride  
Concen: 21.798 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 41 Resp: 42724  
Ion Ratio Lower Upper  
41 100  
39 68.8 53.8 80.6  
76 56.8 45.8 68.8





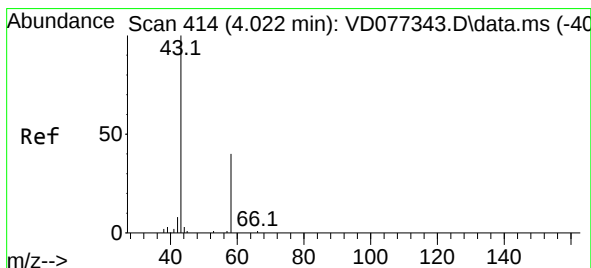
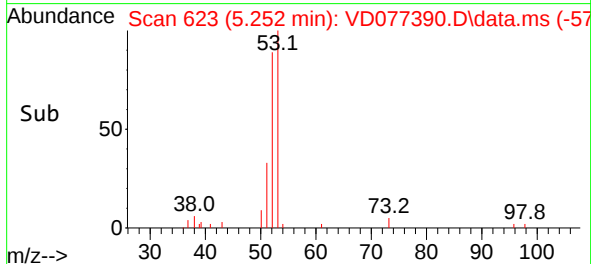
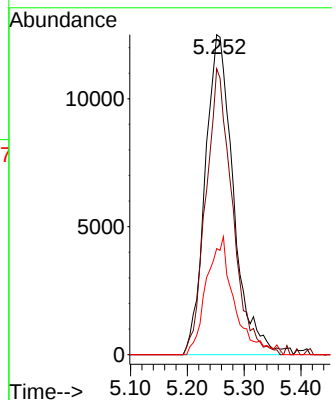
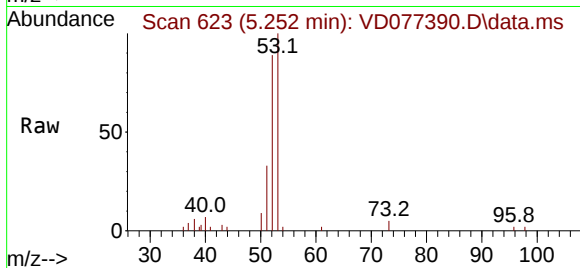
#15  
Acrylonitrile  
Concen: 130.032 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 53 Resp: 4298  
Ion Ratio Lower Upper  
53 100  
52 84.1 65.0 97.4  
51 36.6 28.3 42.5

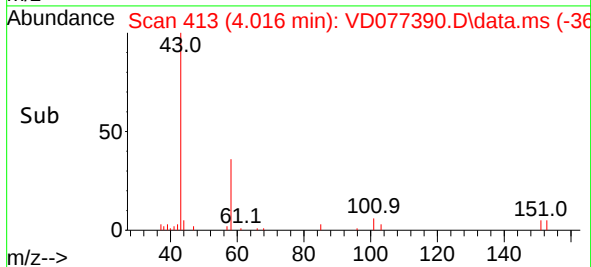
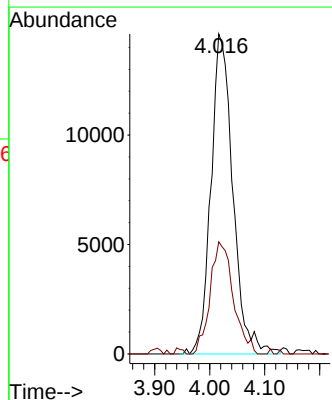
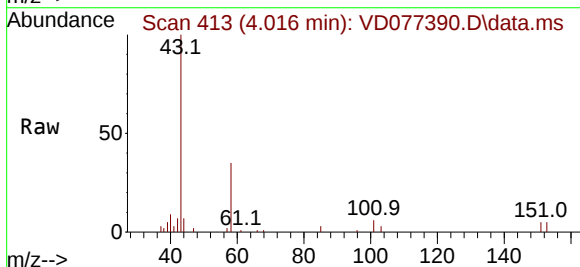
Manual Integrations  
APPROVED

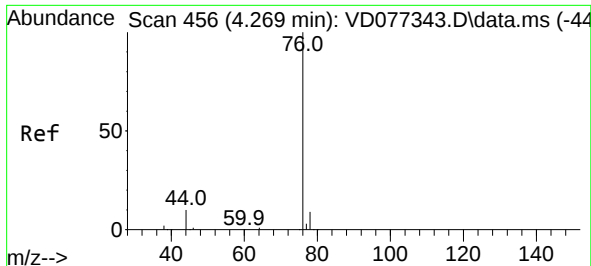
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#16  
Acetone  
Concen: 115.373 ug/l  
RT: 4.016 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 43 Resp: 40532  
Ion Ratio Lower Upper  
43 100  
58 33.9 34.7 52.1#





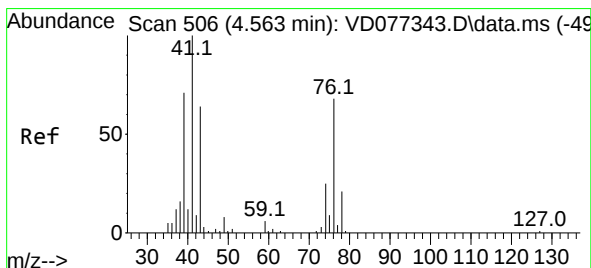
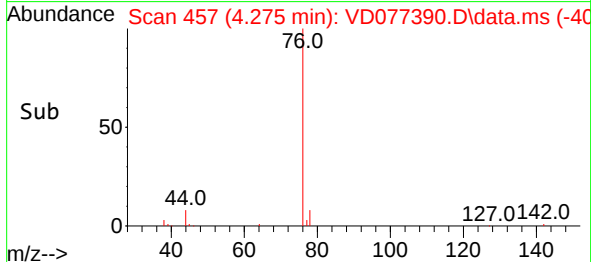
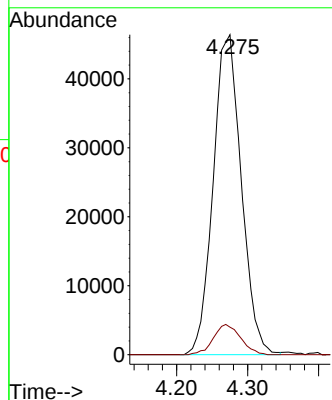
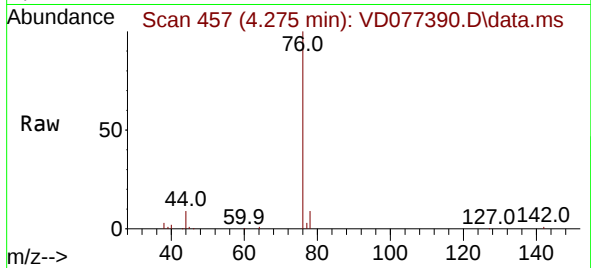
#17  
Carbon Disulfide  
Concen: 21.027 ug/l  
RT: 4.275 min Scan# 457  
Delta R.T. 0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 76 Resp: 12768  
Ion Ratio Lower Upper  
76 100  
78 8.6 6.8 10.2

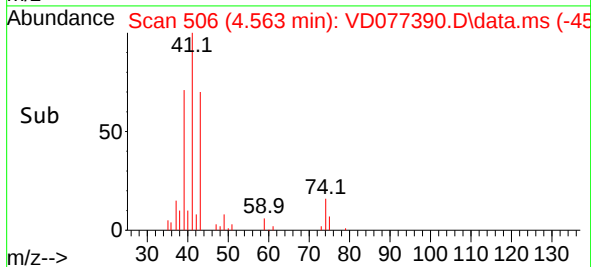
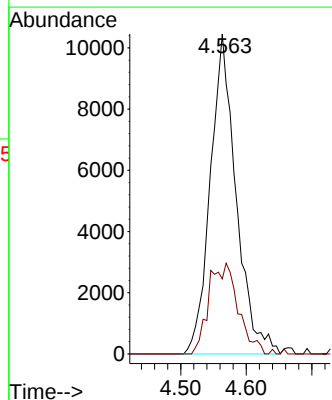
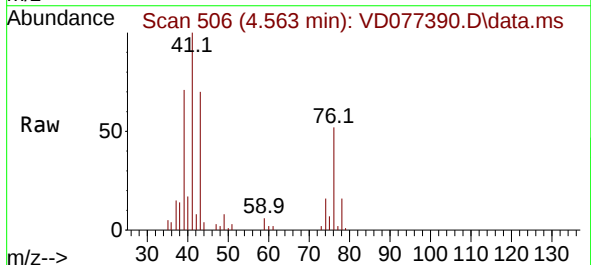
Manual Integrations  
APPROVED

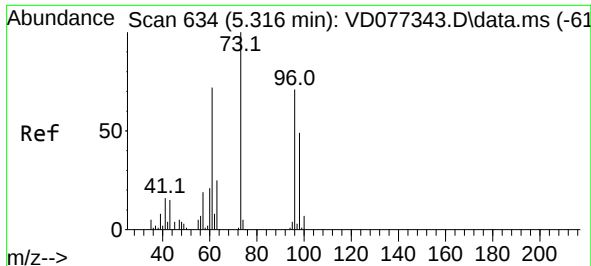
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#18  
Methyl Acetate  
Concen: 23.339 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 43 Resp: 28536  
Ion Ratio Lower Upper  
43 100  
74 32.3 26.4 39.6





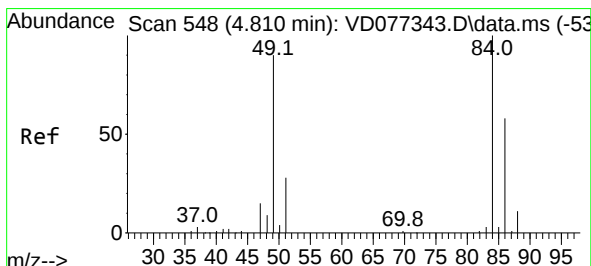
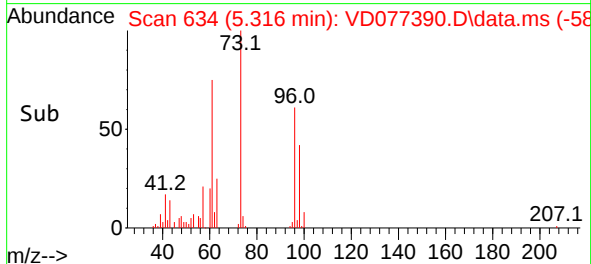
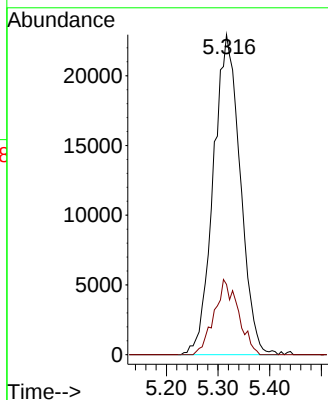
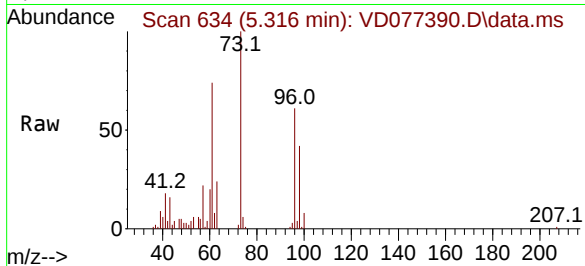
#19  
Methyl tert-butyl Ether  
Concen: 23.555 ug/l  
RT: 5.316 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 73 Resp: 82878  
Ion Ratio Lower Upper  
73 100  
57 22.0 16.6 25.0

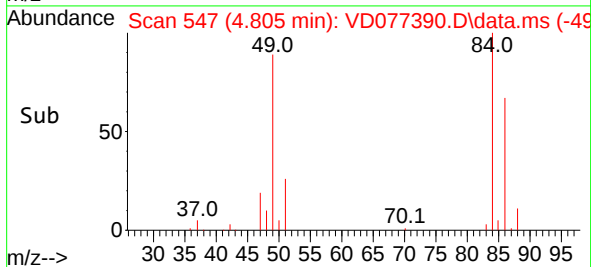
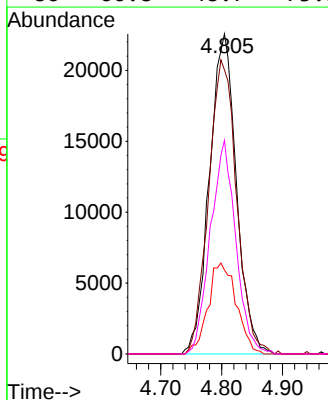
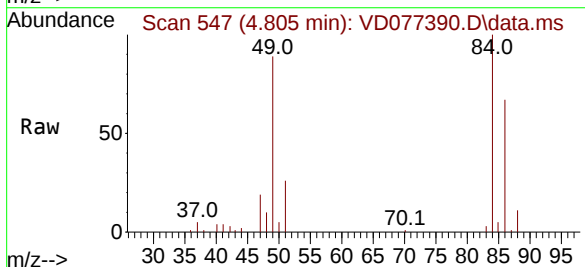
Manual Integrations  
APPROVED

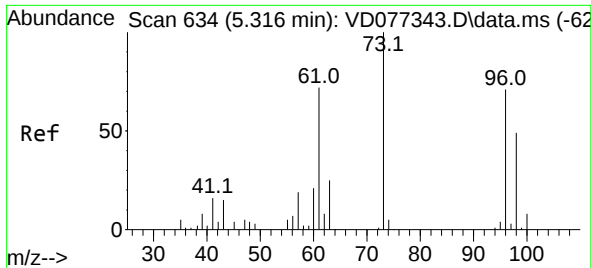
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#20  
Methylene Chloride  
Concen: 30.786 ug/l  
RT: 4.805 min Scan# 547  
Delta R.T. -0.005 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

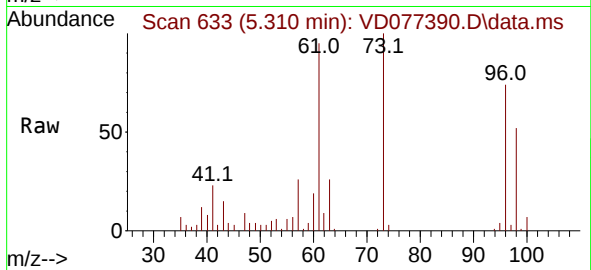
Tgt Ion: 84 Resp: 69357  
Ion Ratio Lower Upper  
84 100  
49 88.7 71.4 107.2  
51 26.3 24.5 36.7  
86 66.8 48.7 73.1





#21  
trans-1,2-Dichloroethene  
Concen: 22.589 ug/l  
RT: 5.310 min Scan# 610  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

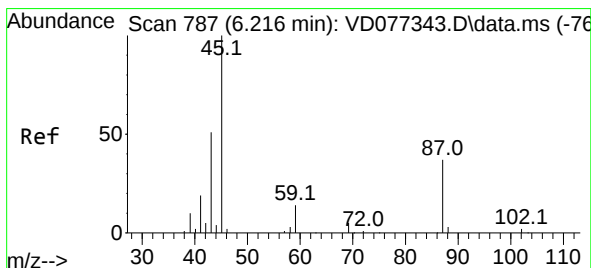
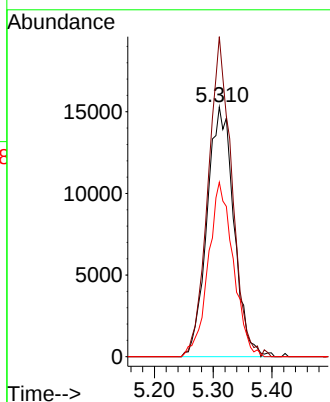
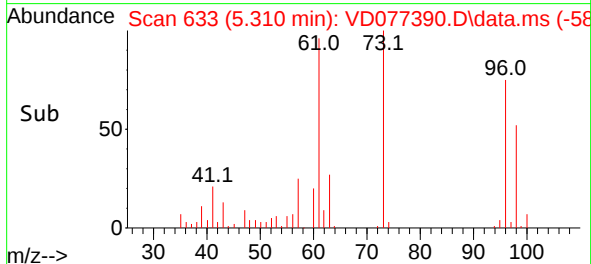
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



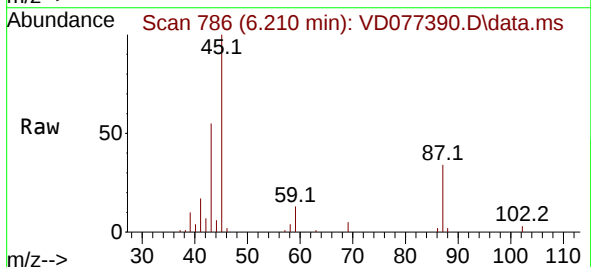
Tgt Ion: 96 Resp: 4853  
Ion Ratio Lower Upper  
96 100  
61 128.1 89.3 133.9  
98 69.9 48.6 73.0

Manual Integrations  
APPROVED

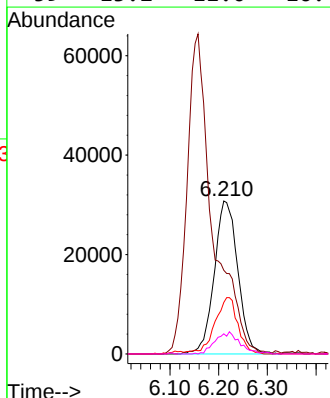
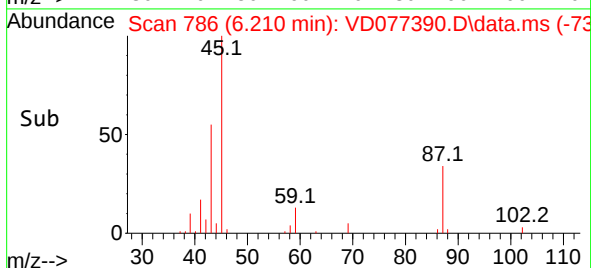
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

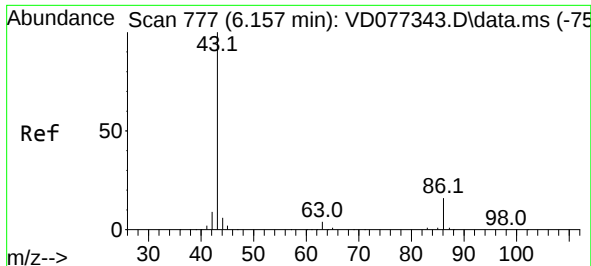


#22  
Diisopropyl ether  
Concen: 26.903 ug/l  
RT: 6.210 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



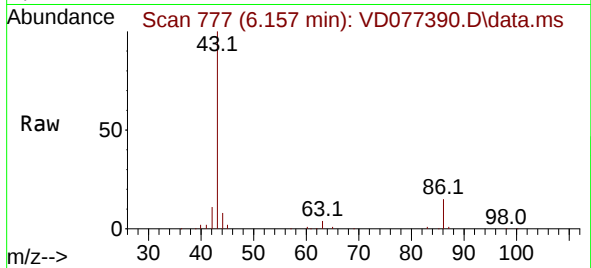
Tgt Ion: 45 Resp: 103510  
Ion Ratio Lower Upper  
45 100  
43 53.1 40.0 60.0  
87 33.2 28.2 42.4  
59 13.2 11.0 16.4





#23  
 Vinyl Acetate  
 Concen: 130.916 ug/l  
 RT: 6.157 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VD077390.D  
 Acq: 24 Oct 2023 12:56

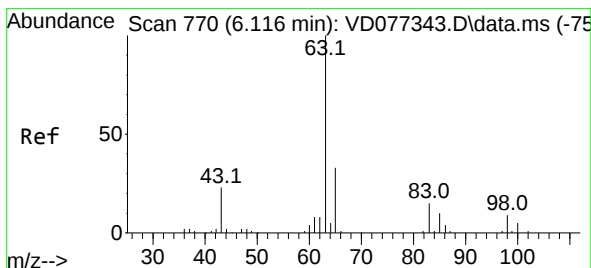
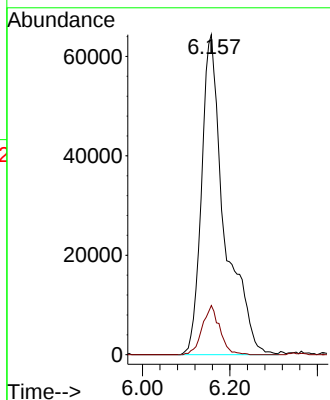
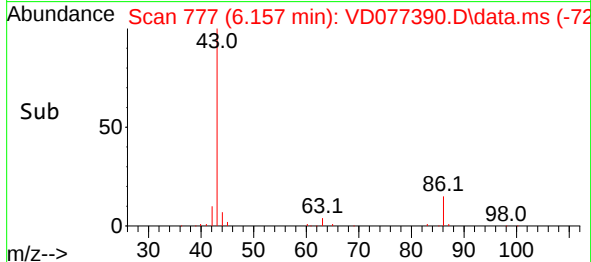
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1024SBS01



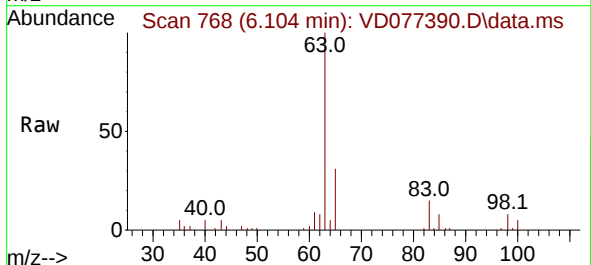
Tgt Ion: 43 Resp: 23605  
 Ion Ratio Lower Upper  
 43 100  
 86 15.3 12.5 18.7

Manual Integrations  
 APPROVED

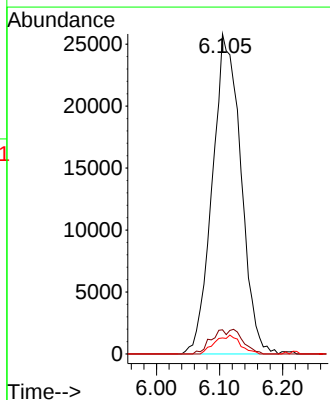
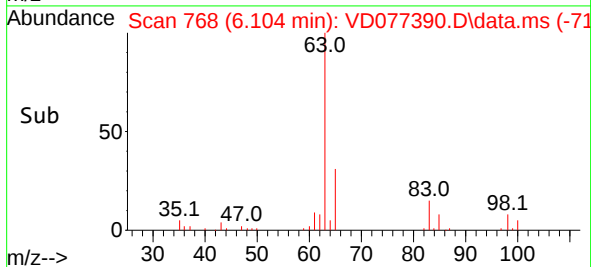
Reviewed By :John Carlone 10/25/2023  
 Supervised By :Mahesh Dadoda 10/25/2023

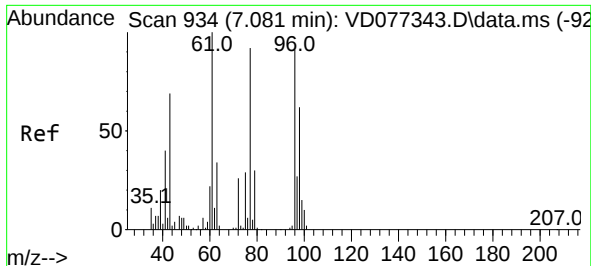


#24  
 1,1-Dichloroethane  
 Concen: 25.293 ug/l  
 RT: 6.104 min Scan# 768  
 Delta R.T. -0.011 min  
 Lab File: VD077390.D  
 Acq: 24 Oct 2023 12:56



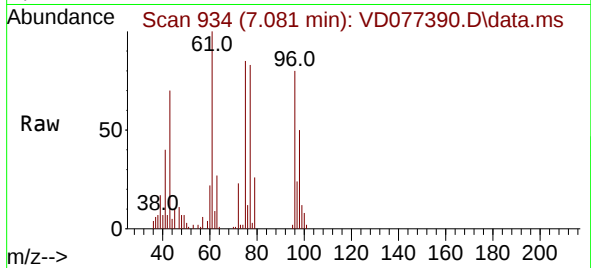
Tgt Ion: 63 Resp: 80914  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 4.5 13.7  
 100 5.0 2.5 7.5





#25  
2-Butanone  
Concen: 132.207 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

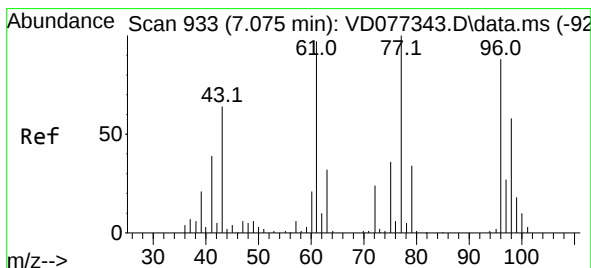
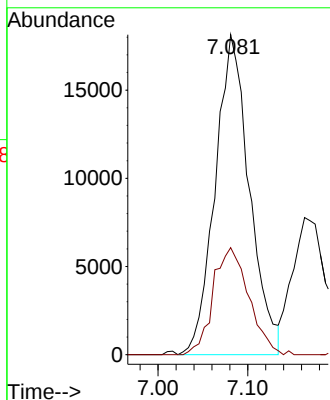
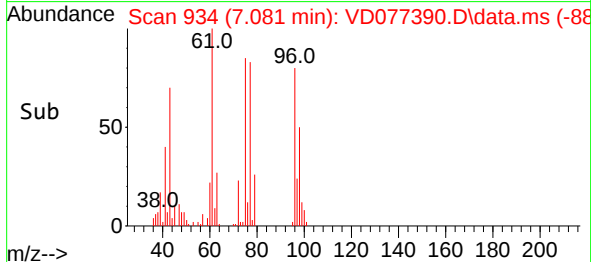
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 43 Resp: 48180  
Ion Ratio Lower Upper  
43 100  
72 33.4 30.7 46.1

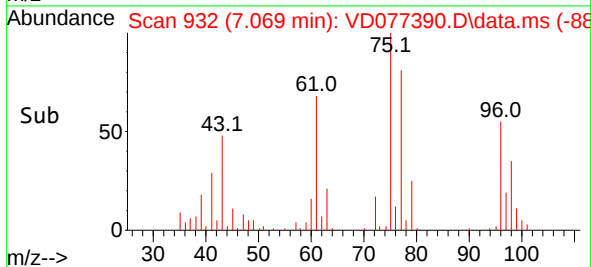
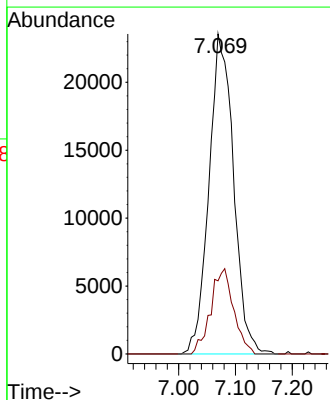
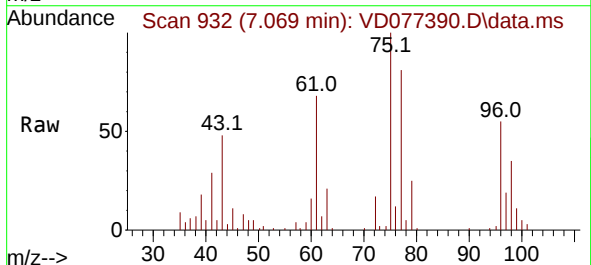
Manual Integrations  
APPROVED

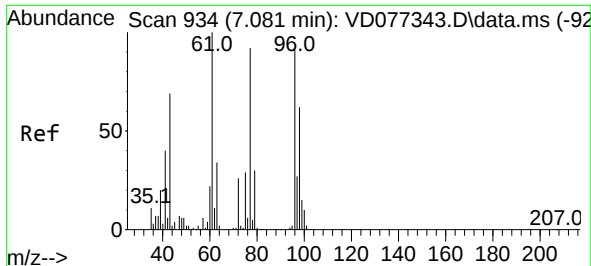
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#26  
2,2-Dichloropropane  
Concen: 24.269 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

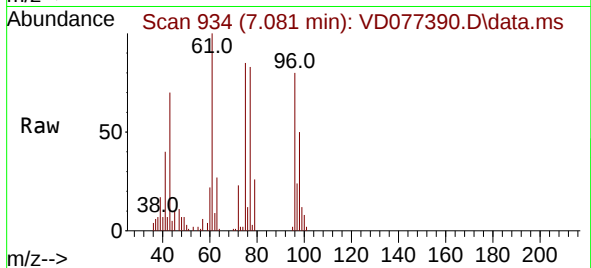
Tgt Ion: 77 Resp: 70791  
Ion Ratio Lower Upper  
77 100  
97 24.9 13.2 39.6





#27  
cis-1,2-Dichloroethene  
Concen: 22.895 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

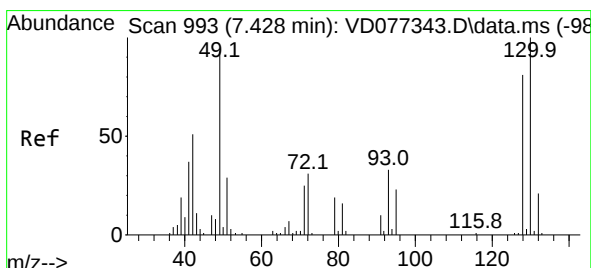
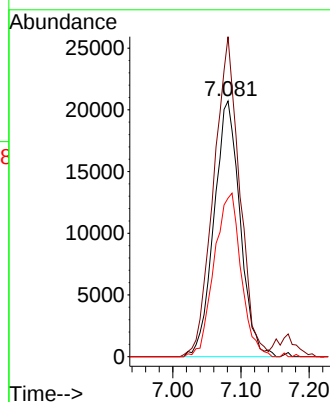
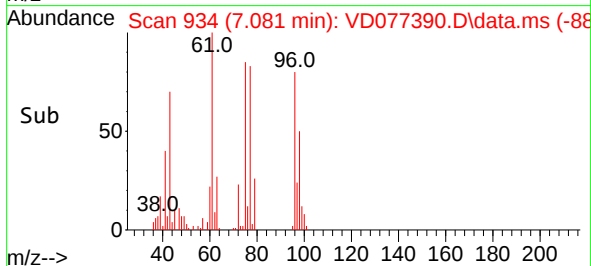
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 96 Resp: 5515  
Ion Ratio Lower Upper  
96 100  
61 124.7 0.0 239.2  
98 66.0 0.0 128.6

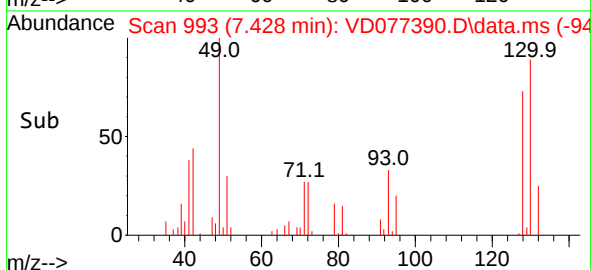
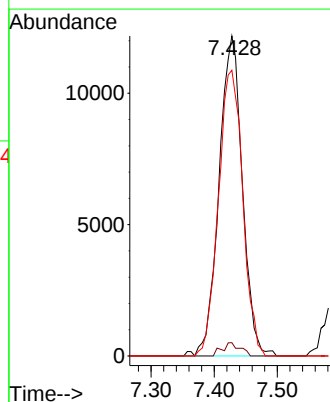
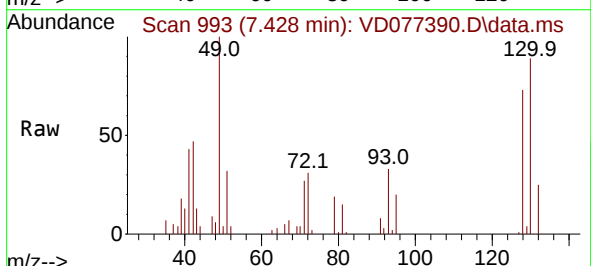
Manual Integrations  
APPROVED

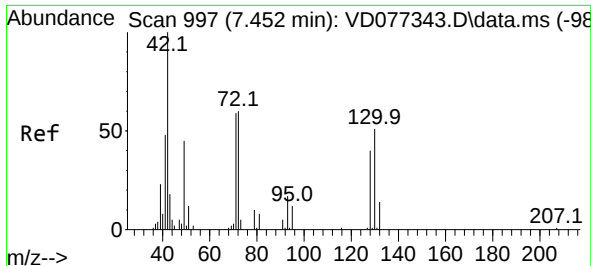
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#28  
Bromochloromethane  
Concen: 26.792 ug/l  
RT: 7.428 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 49 Resp: 31309  
Ion Ratio Lower Upper  
49 100  
129 3.2 0.0 6.0  
130 92.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 127.695 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

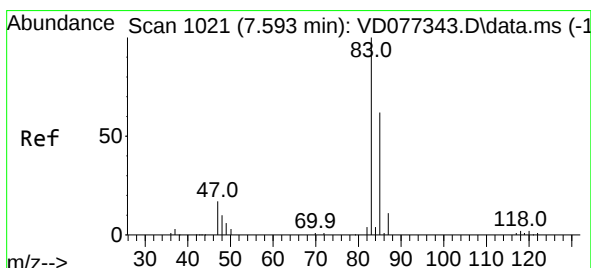
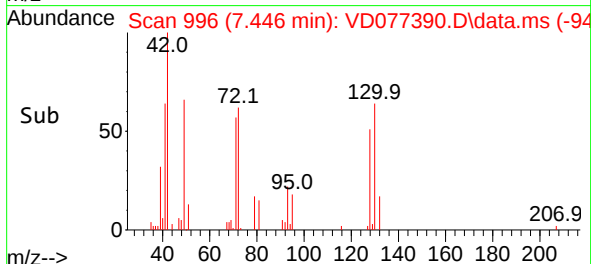
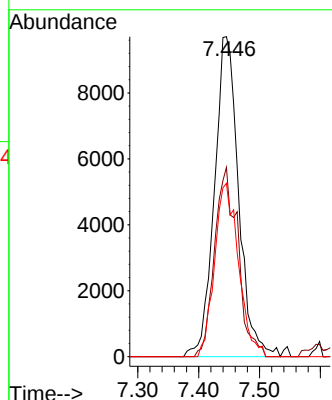
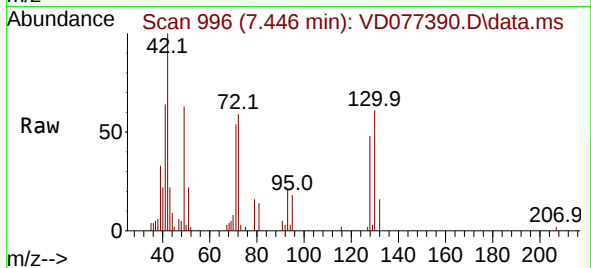
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 2684 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 57.0  | 46.5  | 69.7 |
| 71        | 53.4  | 44.5  | 66.7 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#30

Chloroform

Concen: 24.306 ug/l

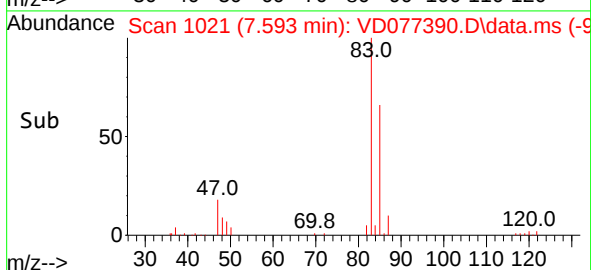
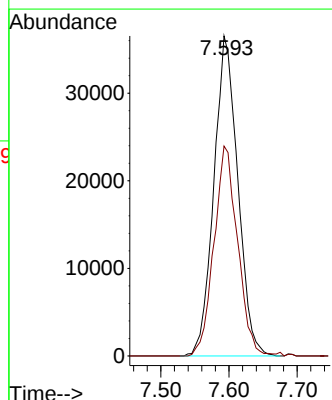
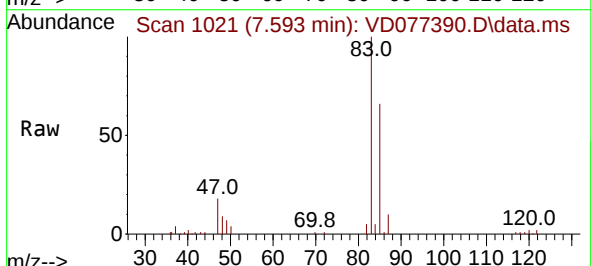
RT: 7.593 min Scan# 1021

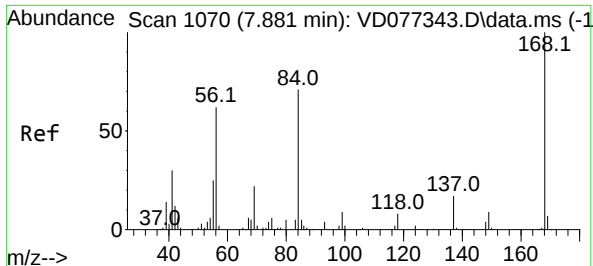
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

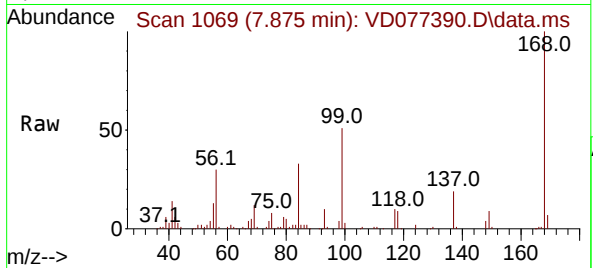
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 89211 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.6  | 53.4  | 80.2  |





#31  
Cyclohexane  
Concen: 22.982 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

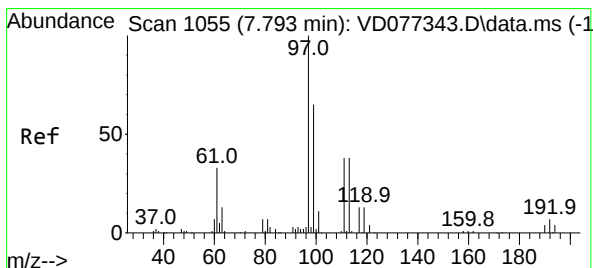
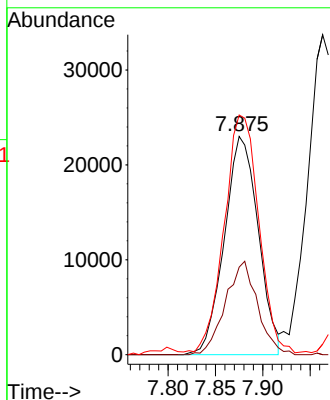
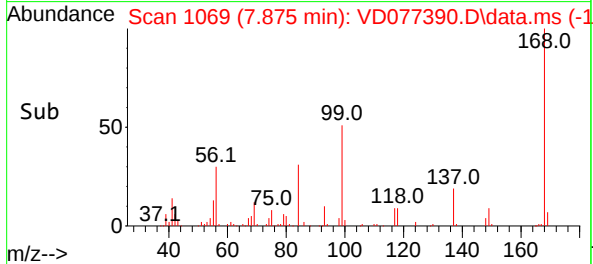
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 56 Resp: 57284  
Ion Ratio Lower Upper  
56 100  
69 40.1 28.6 43.0  
84 108.4 84.8 127.2

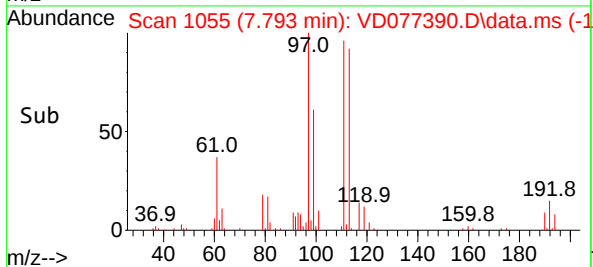
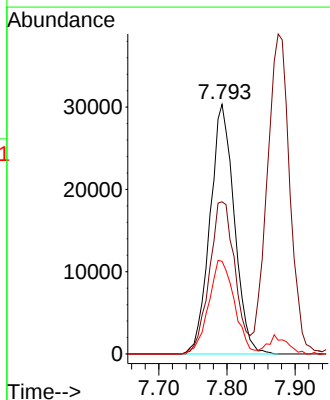
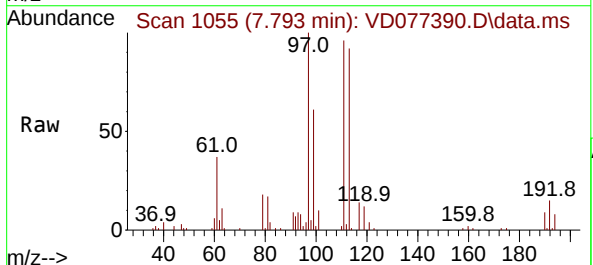
Manual Integrations  
APPROVED

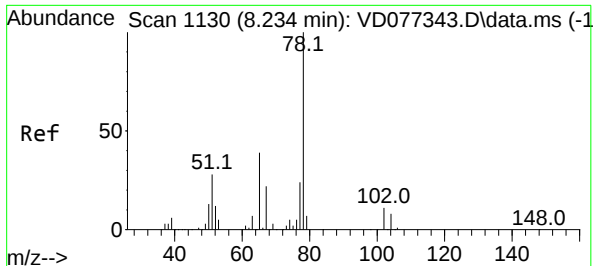
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#32  
1,1,1-Trichloroethane  
Concen: 23.691 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 97 Resp: 75018  
Ion Ratio Lower Upper  
97 100  
99 64.3 52.0 78.0  
61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.245 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 65 Resp: 75689

Ion Ratio Lower Upper

65 100

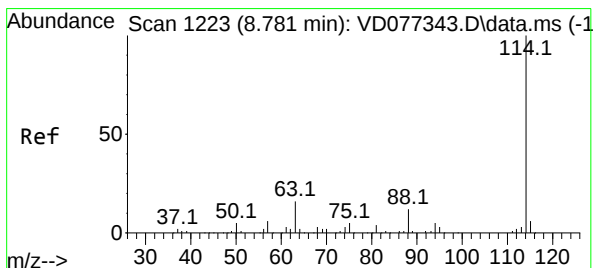
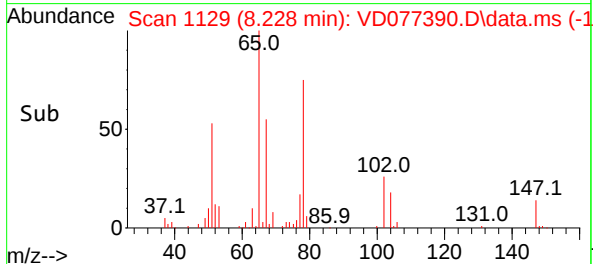
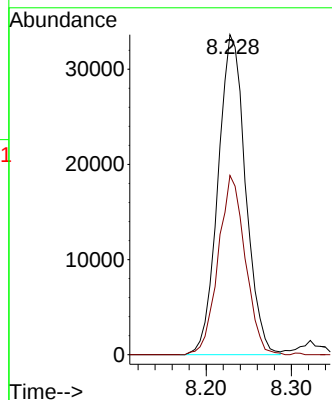
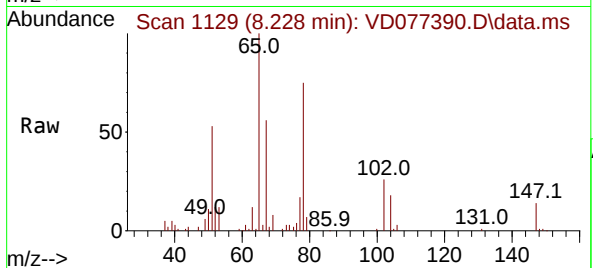
67 54.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

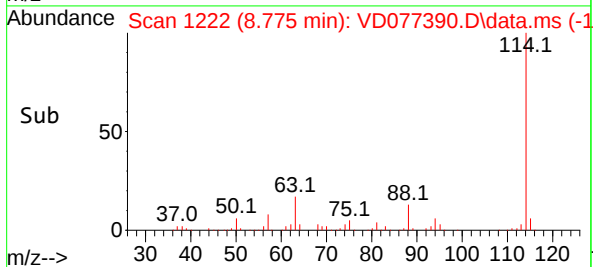
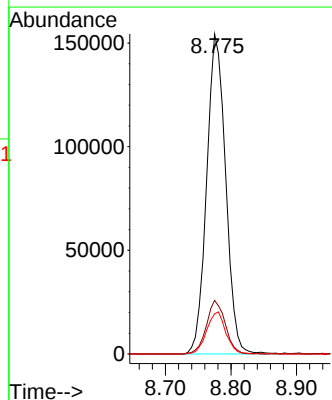
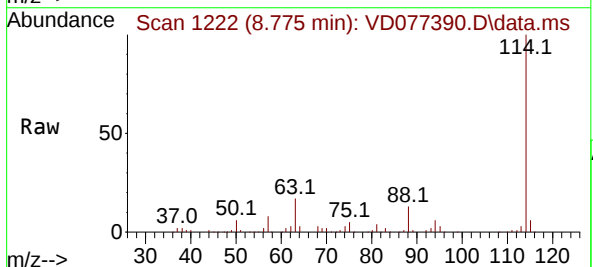
Tgt Ion:114 Resp: 311095

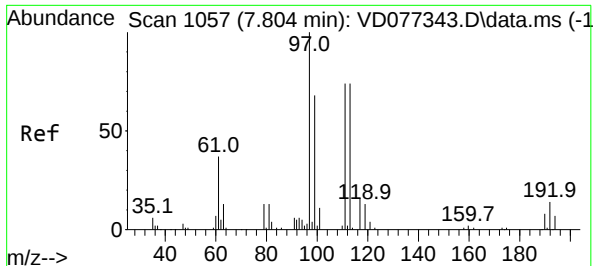
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 12.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 40.950 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 113 Resp: 89500

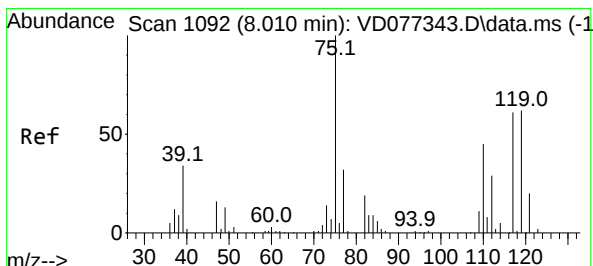
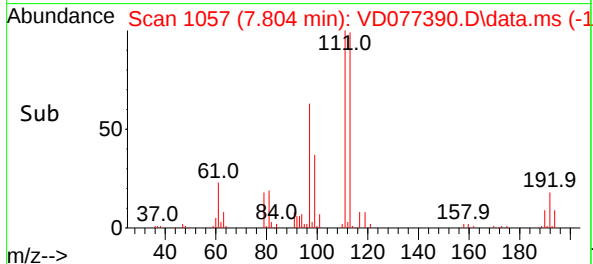
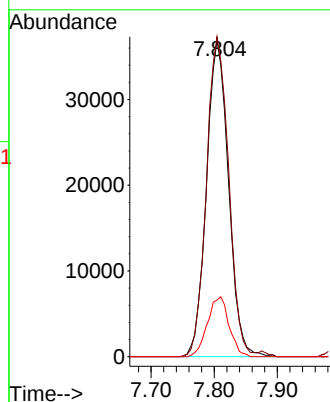
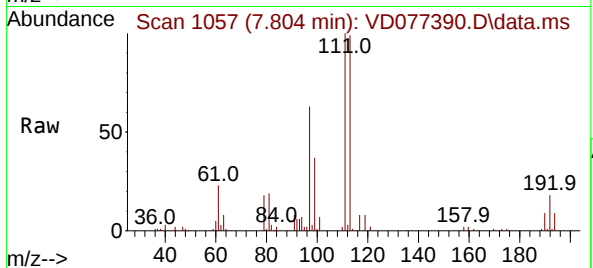
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.0 | 84.7  | 127.1 |
| 192 | 18.5  | 16.8  | 25.2  |

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/25/2023

Supervised By : Mahesh Dadoda 10/25/2023



#36

1,1-Dichloropropene

Concen: 21.460 ug/l

RT: 8.010 min Scan# 1092

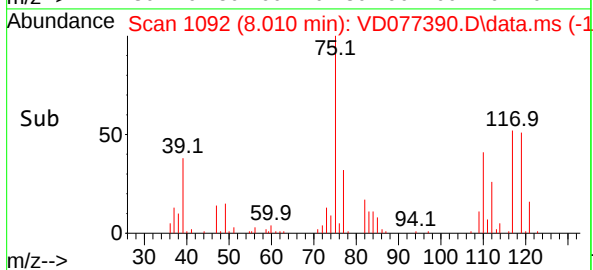
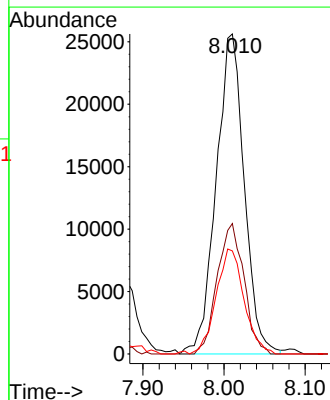
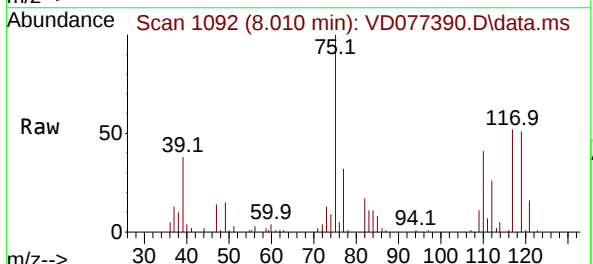
Delta R.T. 0.000 min

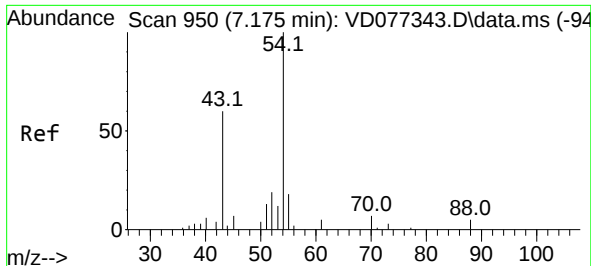
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion: 75 Resp: 61629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 38.8  | 19.9  | 59.6  |
| 77  | 32.5  | 24.7  | 37.1  |





#37

Ethyl Acetate

Concen: 24.175 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.012 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 43 Resp: 21808

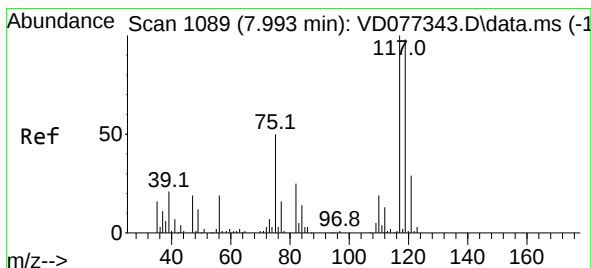
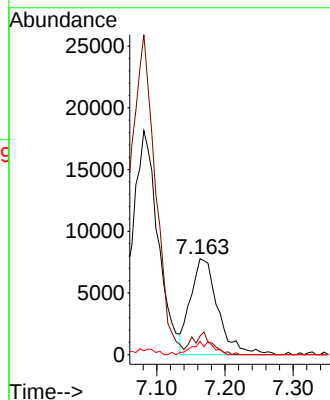
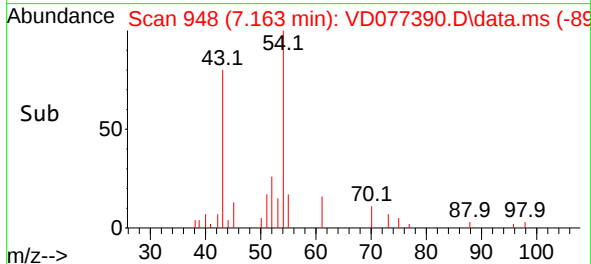
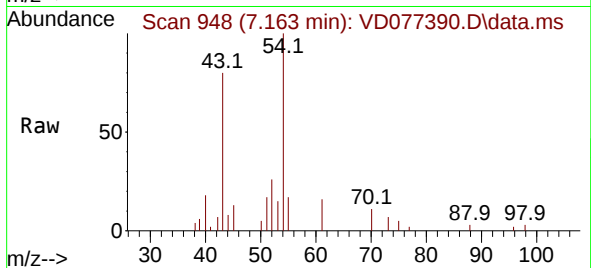
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 16.1  | 14.9  | 22.3  |
| 70  | 11.1  | 10.0  | 15.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#38

Carbon Tetrachloride

Concen: 21.593 ug/l

RT: 7.987 min Scan# 1088

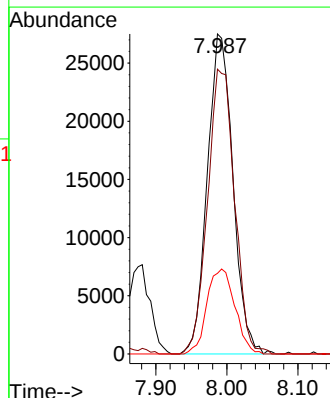
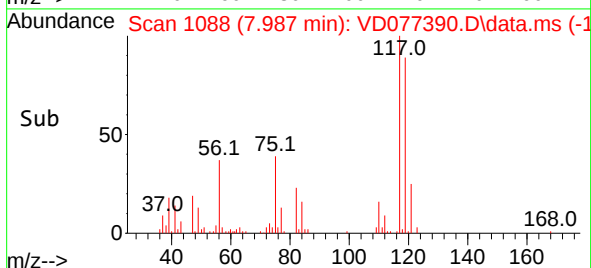
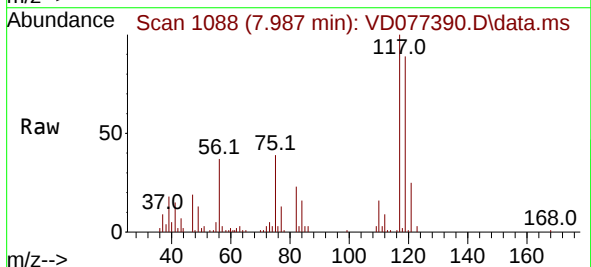
Delta R.T. -0.006 min

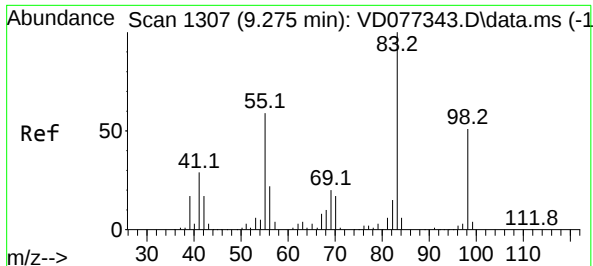
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion:117 Resp: 68984

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 89.0  | 78.0  | 117.0 |
| 121 | 25.2  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 19.814 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 83 Resp: 6914

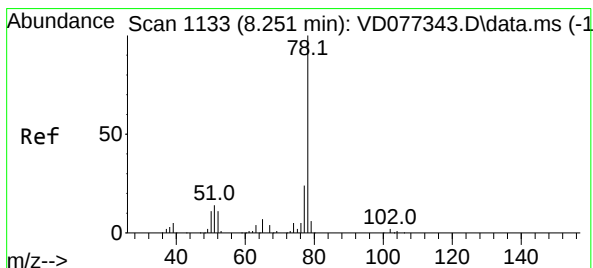
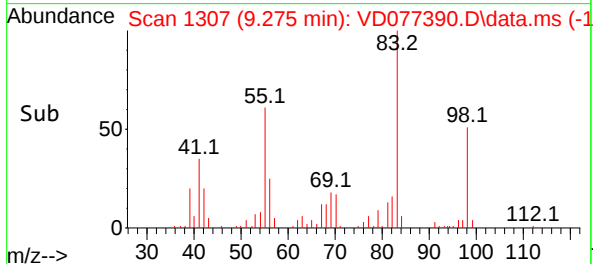
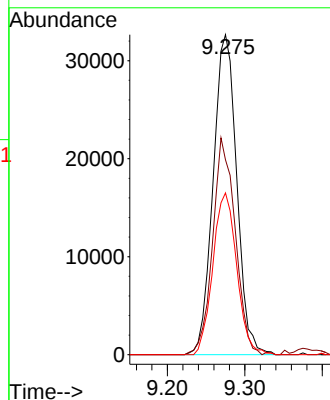
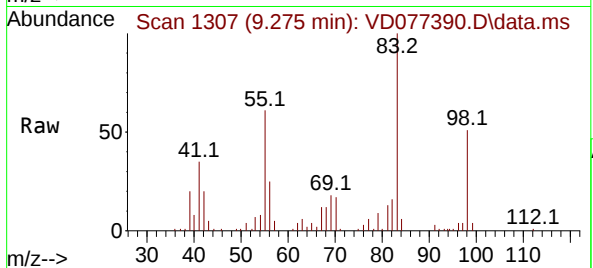
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 60.9  | 49.4  | 74.0  |
| 98  | 50.6  | 38.4  | 57.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#40

Benzene

Concen: 22.541 ug/l

RT: 8.251 min Scan# 1133

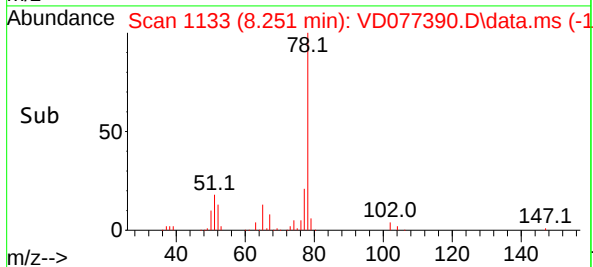
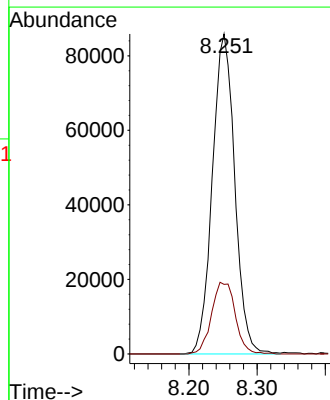
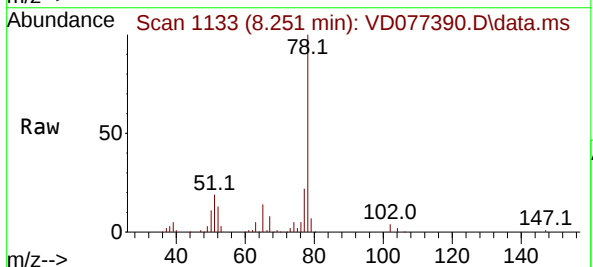
Delta R.T. 0.000 min

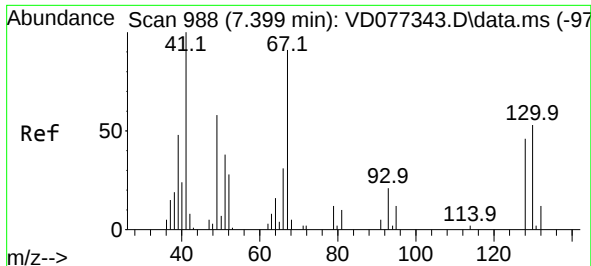
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion: 78 Resp: 196446

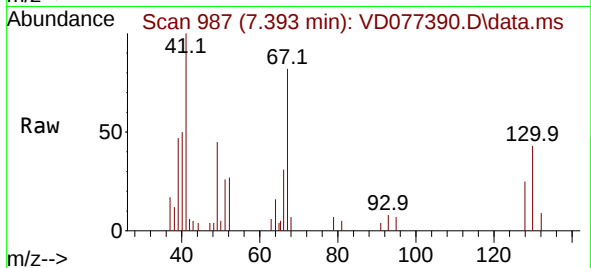
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 21.8  | 19.4  | 29.0  |





#41  
Methacrylonitrile  
Concen: 18.571 ug/l m  
RT: 7.393 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

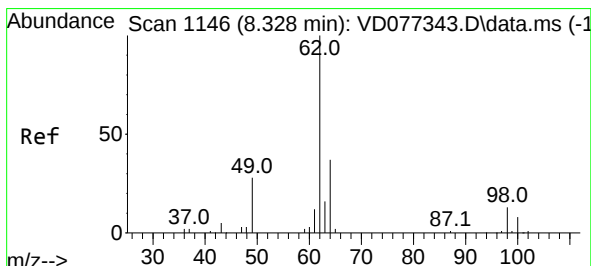
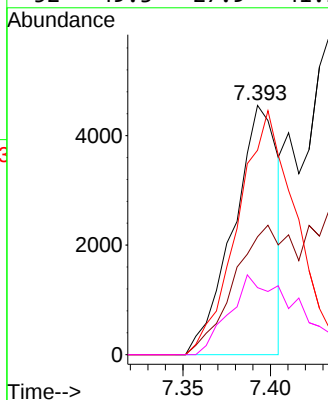
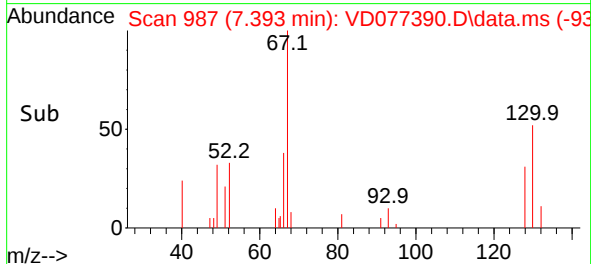
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 41 Resp: 799  
Ion Ratio Lower Upper  
41 100  
39 70.4 34.0 51.0  
67 131.3 77.0 115.4  
52 49.3 27.9 41.9

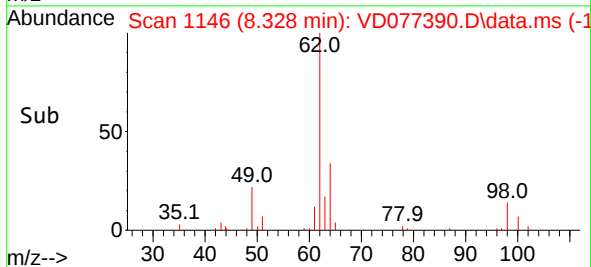
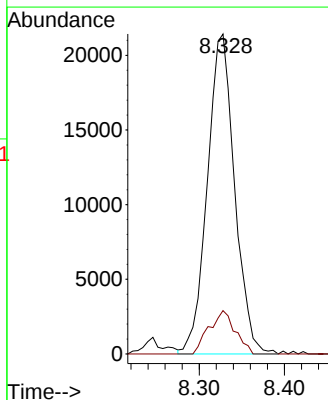
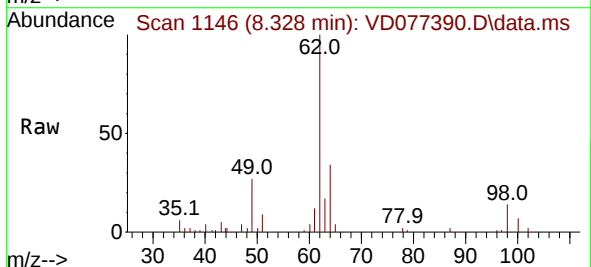
Manual Integrations  
APPROVED

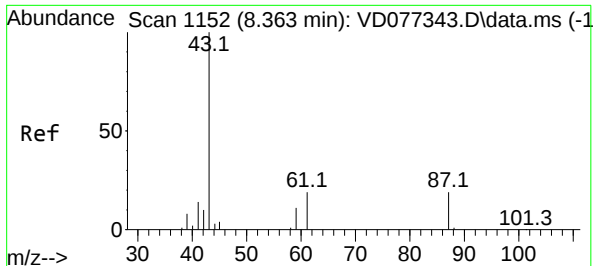
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#42  
1,2-Dichloroethane  
Concen: 23.222 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 62 Resp: 47670  
Ion Ratio Lower Upper  
62 100  
98 13.0 0.0 25.4





#43

Isopropyl Acetate

Concen: 23.555 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

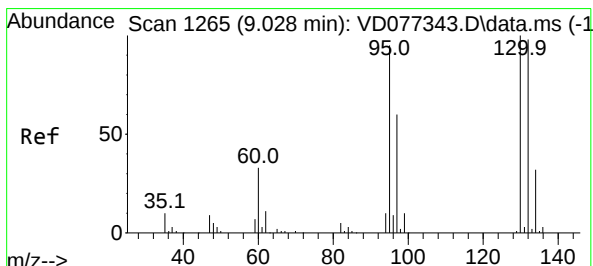
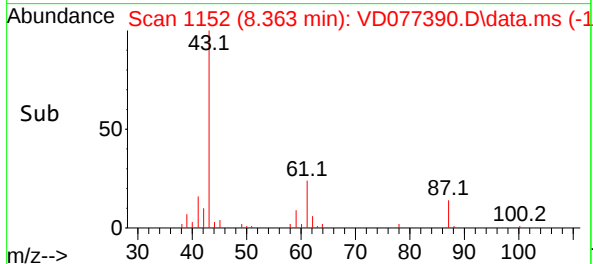
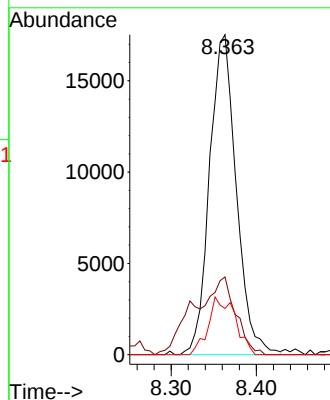
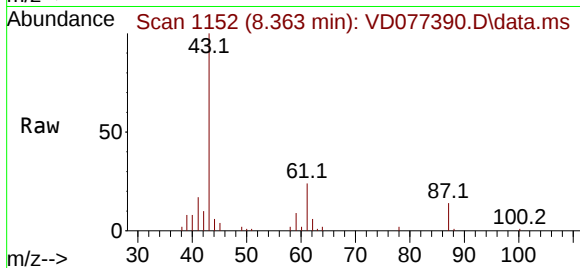
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 3825     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 24.7 31.4 47.0 |
| 87          | 18.2 14.9 22.3 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#44

Trichloroethene

Concen: 19.971 ug/l

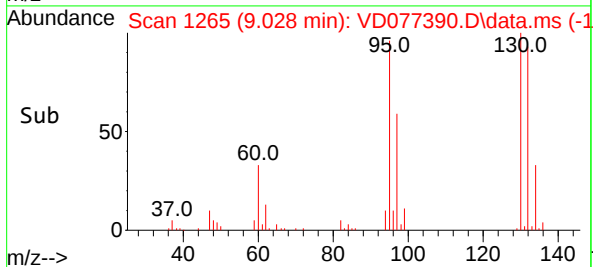
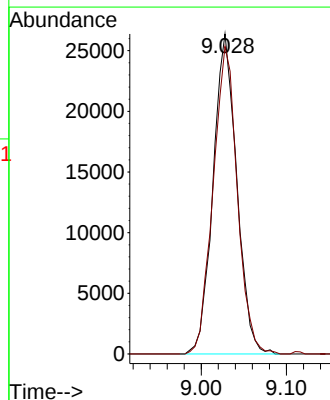
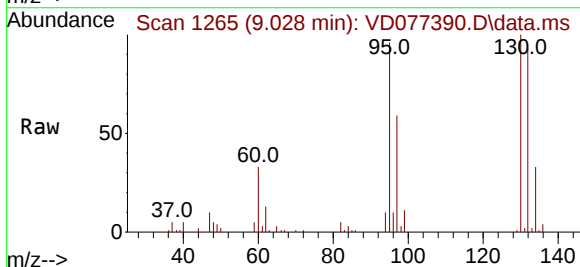
RT: 9.028 min Scan# 1265

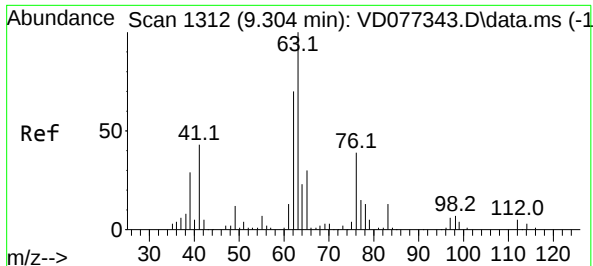
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

|             |                |
|-------------|----------------|
| Tgt Ion:130 | Resp: 50885    |
| Ion Ratio   | Lower Upper    |
| 130         | 100            |
| 95          | 96.1 0.0 179.2 |





#45

1,2-Dichloropropane

Concen: 23.630 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 63 Resp: 4747

Ion Ratio Lower Upper

63 100

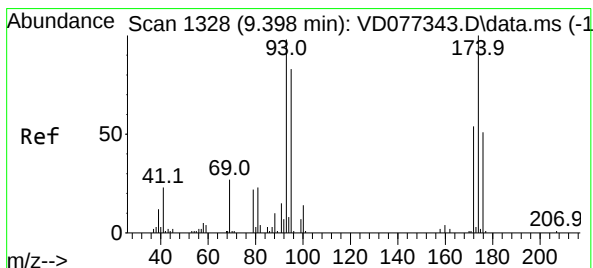
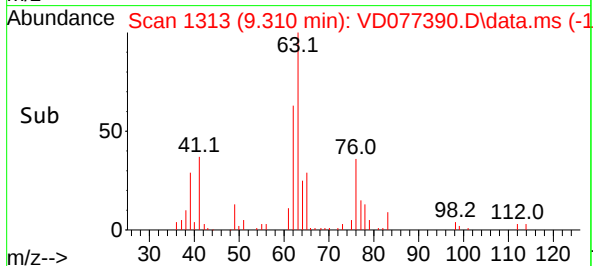
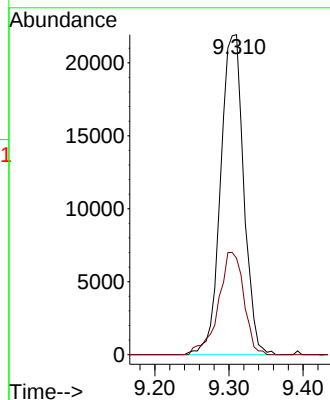
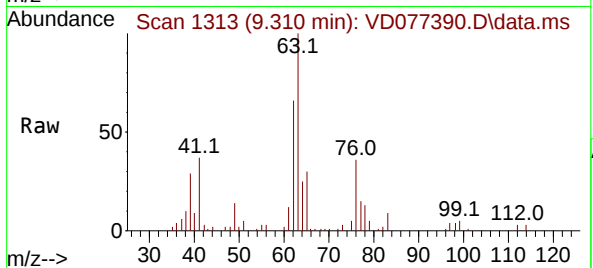
65 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#46

Dibromomethane

Concen: 22.463 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

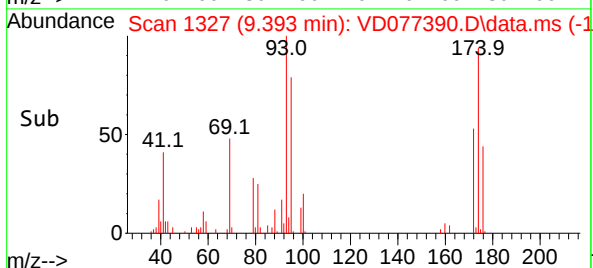
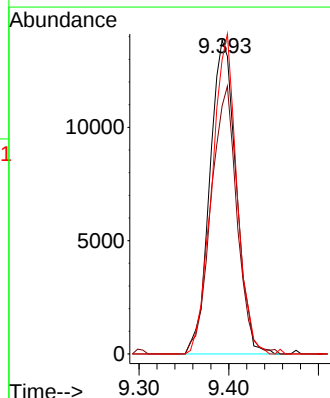
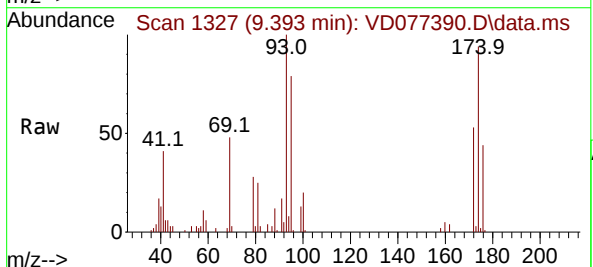
Tgt Ion: 93 Resp: 28212

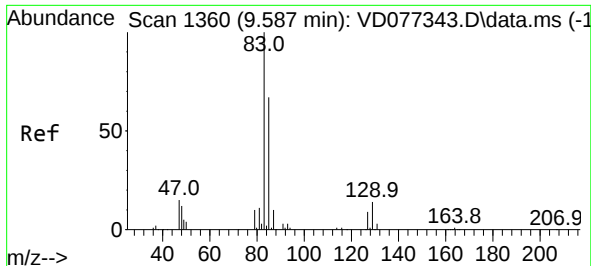
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

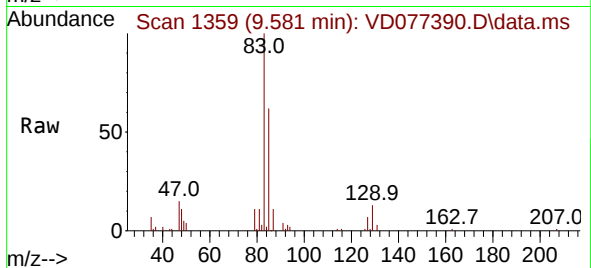
174 96.0 85.4 128.2





#47  
Bromodichloromethane  
Concen: 23.060 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

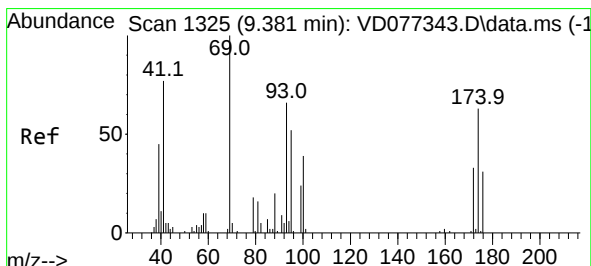
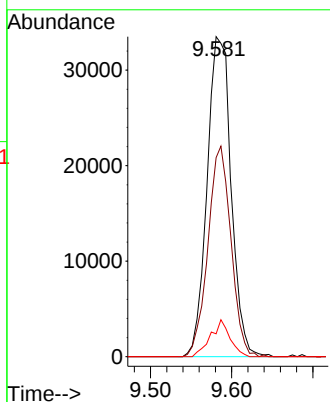
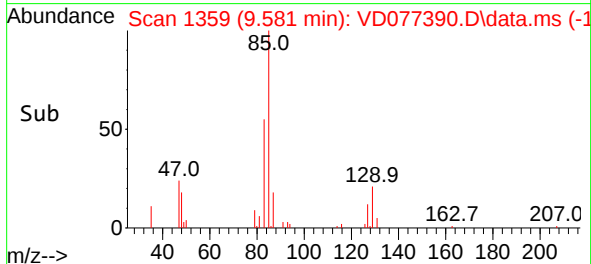
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



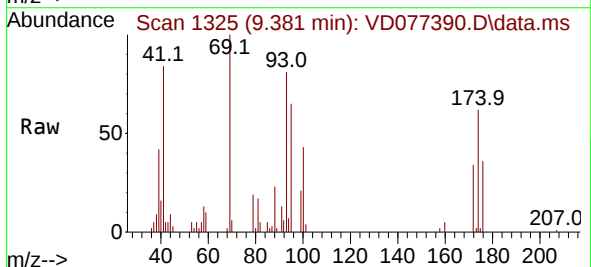
Tgt Ion: 83 Resp: 6906  
Ion Ratio Lower Upper  
83 100  
85 62.2 50.2 75.4  
127 7.2 6.3 9.5

Manual Integrations  
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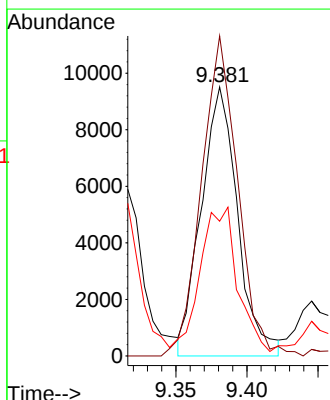
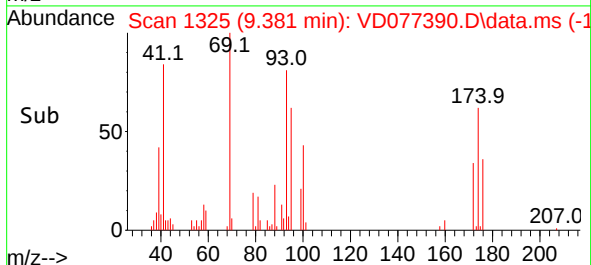
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

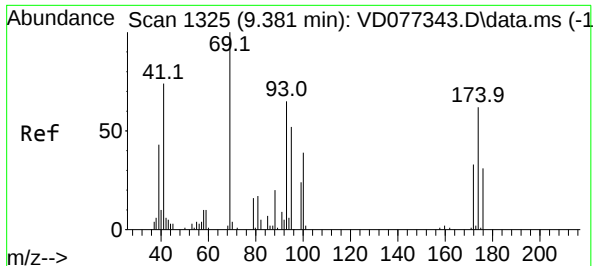


#48  
Methyl methacrylate  
Concen: 23.039 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



Tgt Ion: 41 Resp: 16926  
Ion Ratio Lower Upper  
41 100  
69 118.3 102.2 153.2  
39 58.3 41.4 62.2





#49

1,4-Dioxane

Concen: 446.324 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

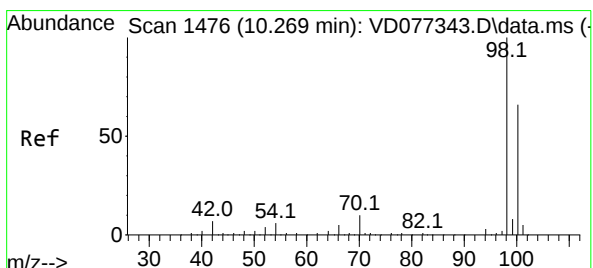
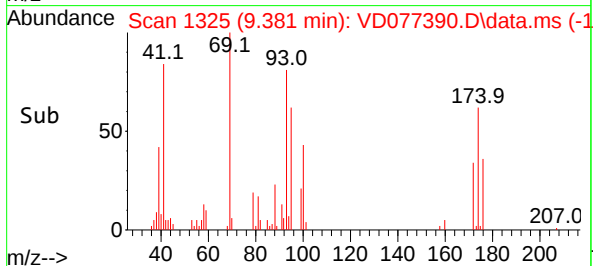
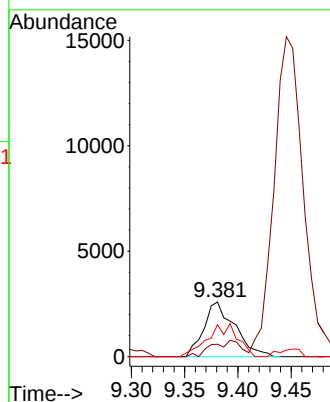
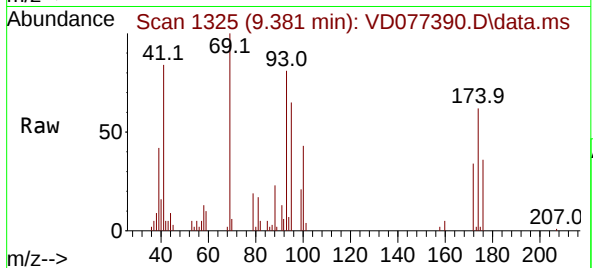
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 524  |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 27.9  | 19.0  | 28.6 |
| 58        | 58.5  | 43.5  | 65.3 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#50

Toluene-d8

Concen: 41.639 ug/l

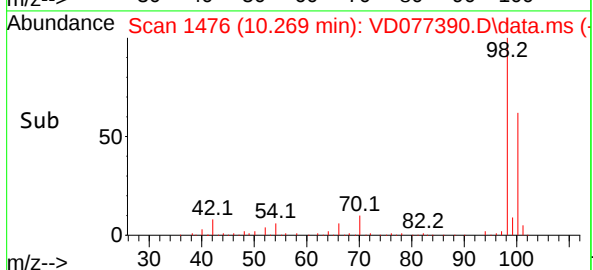
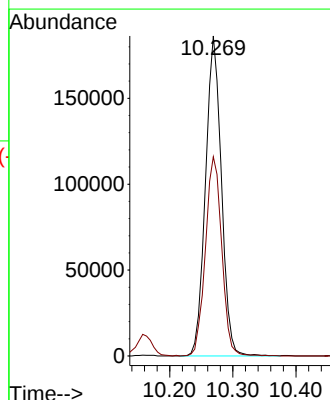
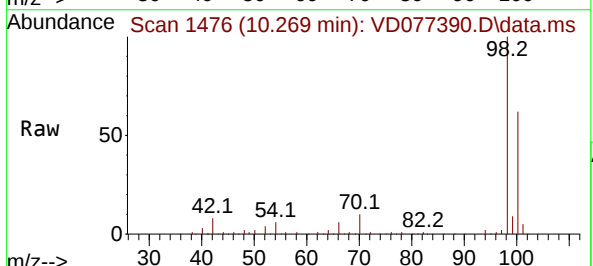
RT: 10.269 min Scan# 1476

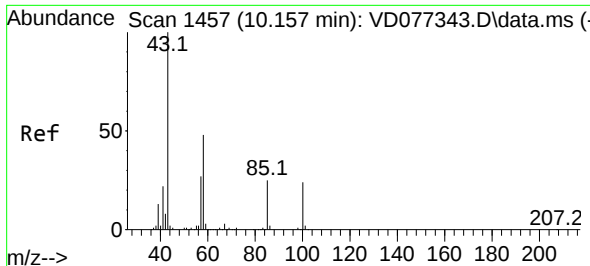
Delta R.T. 0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 325922 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.9  | 50.3  | 75.5   |





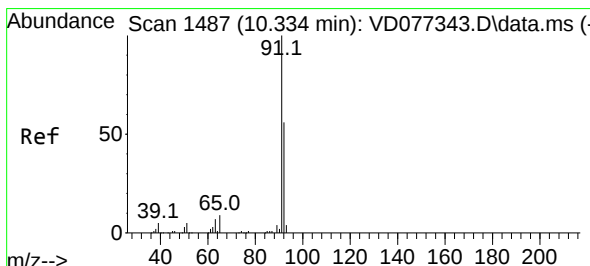
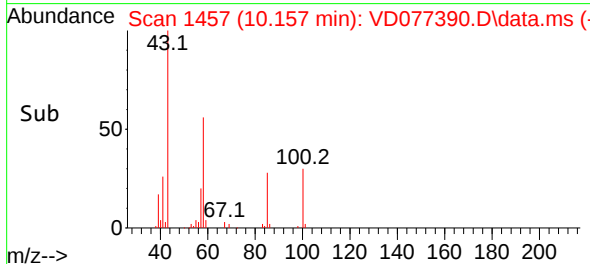
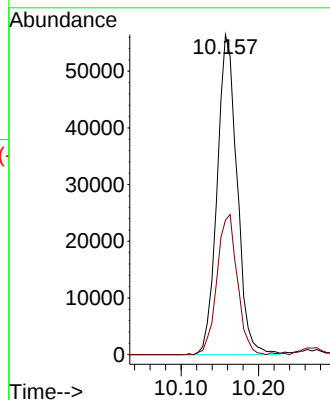
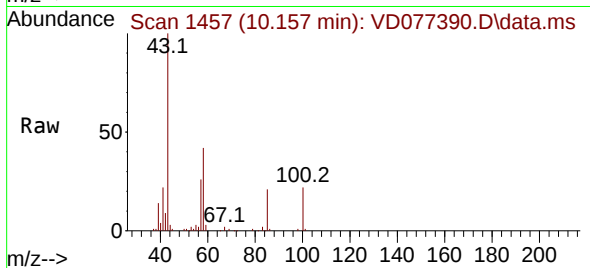
#51  
4-Methyl-2-Pentanone  
Concen: 124.027 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 43 Resp: 10096  
Ion Ratio Lower Upper  
43 100  
58 44.7 38.9 58.3

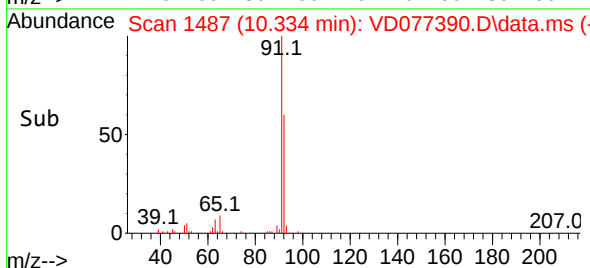
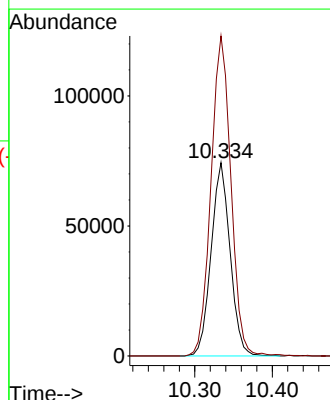
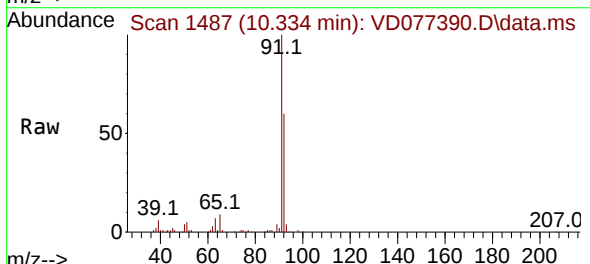
Manual Integrations  
APPROVED

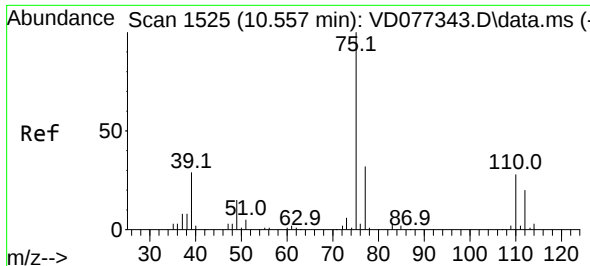
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#52  
Toluene  
Concen: 22.209 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

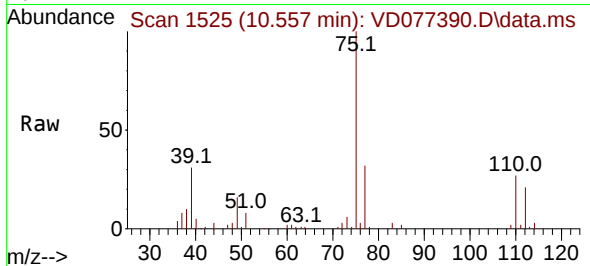
Tgt Ion: 92 Resp: 126375  
Ion Ratio Lower Upper  
92 100  
91 174.2 143.0 214.4





#53  
t-1,3-Dichloropropene  
Concen: 22.238 ug/l  
RT: 10.557 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

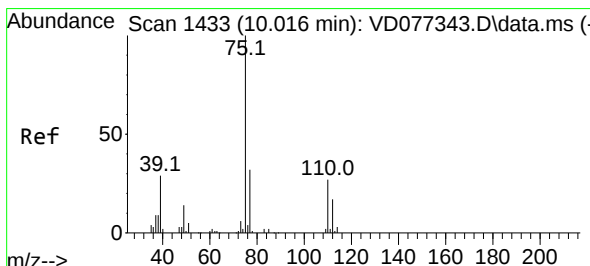
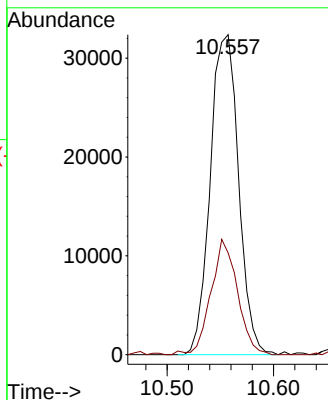
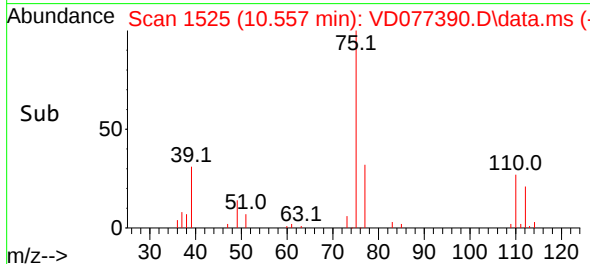
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



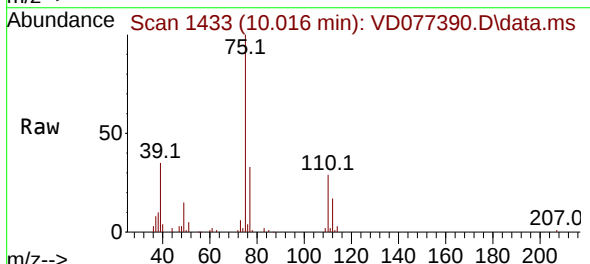
Tgt Ion: 75 Resp: 5978  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.3 37.9

Manual Integrations  
APPROVED

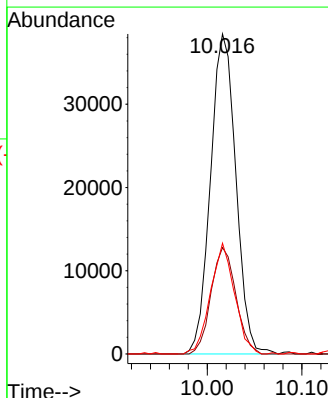
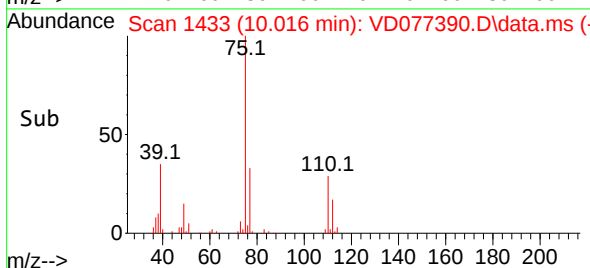
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

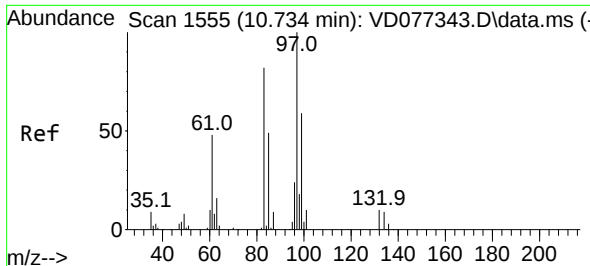


#54  
cis-1,3-Dichloropropene  
Concen: 21.769 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



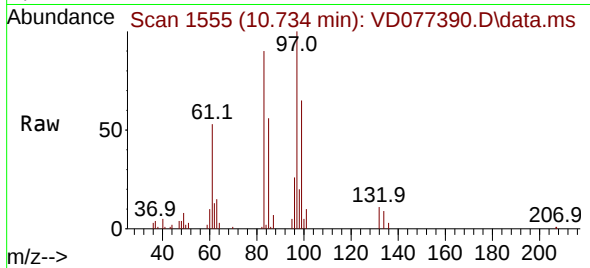
Tgt Ion: 75 Resp: 71601  
Ion Ratio Lower Upper  
75 100  
77 33.2 25.5 38.3  
39 34.6 22.1 33.1#





#55  
1,1,2-Trichloroethane  
Concen: 23.192 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

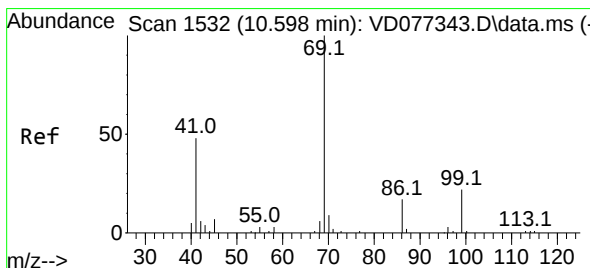
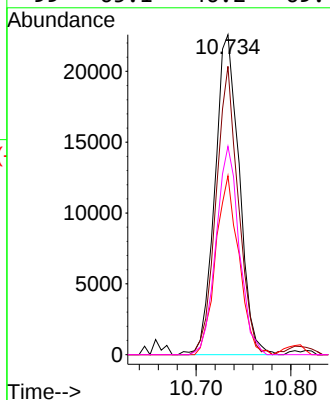
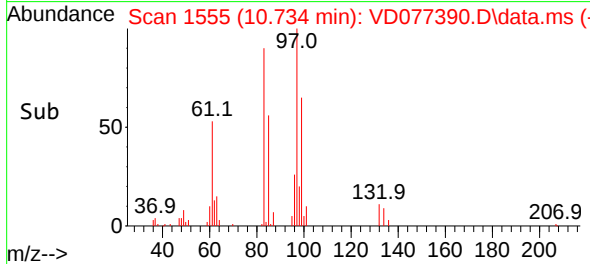
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 90.1  | 65.8  | 98.6  |
| 85      | 55.9  | 45.7  | 68.5  |
| 99      | 65.1  | 46.2  | 69.4  |

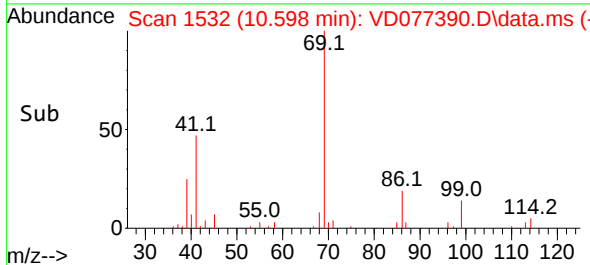
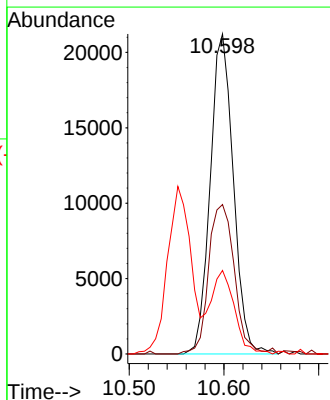
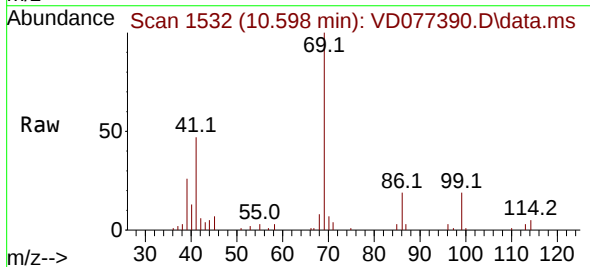
Manual Integrations  
APPROVED

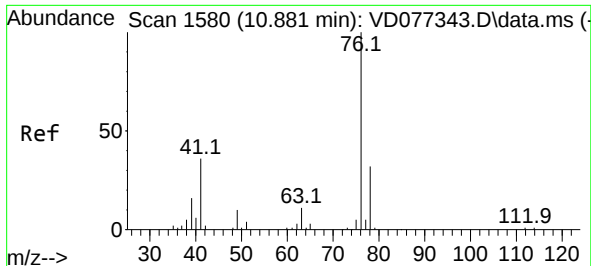
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#56  
Ethyl methacrylate  
Concen: 21.671 ug/l  
RT: 10.598 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 52.0  | 39.1  | 58.7  |
| 39      | 24.9  | 20.0  | 30.0  |





#57

1,3-Dichloropropane

Concen: 22.841 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

Tgt Ion: 76 Resp: 6103

Ion Ratio Lower Upper

76 100

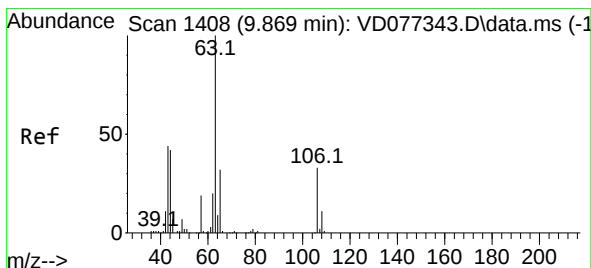
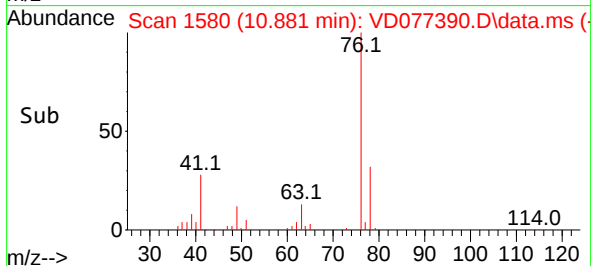
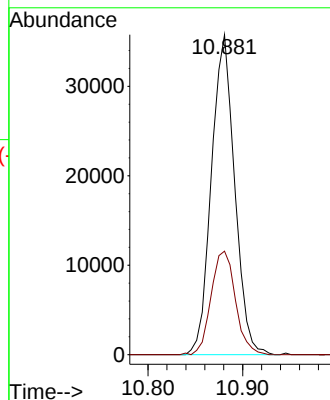
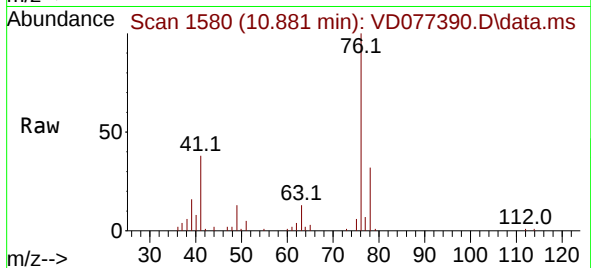
78 33.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 119.575 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077390.D

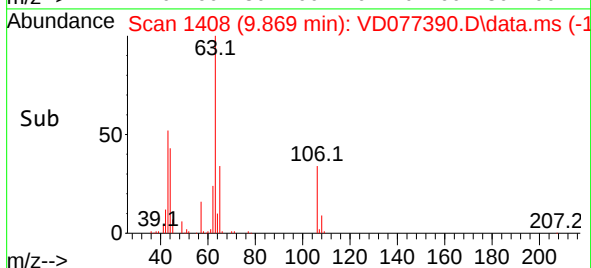
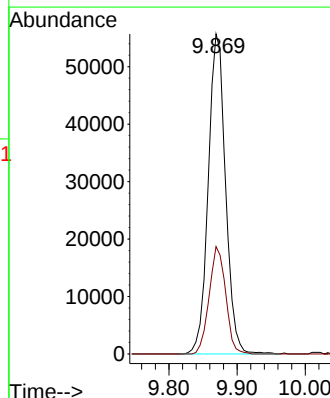
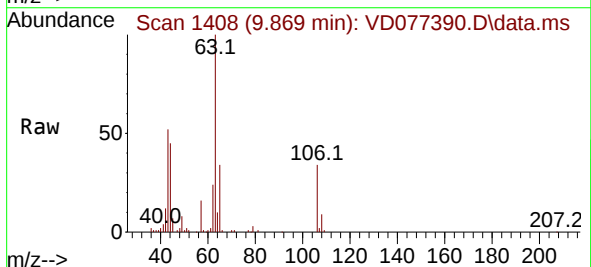
Acq: 24 Oct 2023 12:56

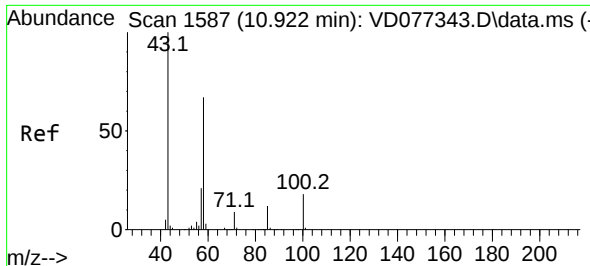
Tgt Ion: 63 Resp: 98307

Ion Ratio Lower Upper

63 100

106 32.0 25.3 37.9





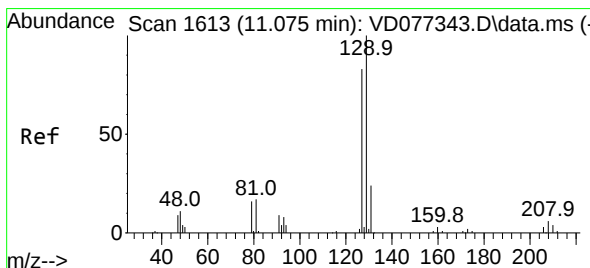
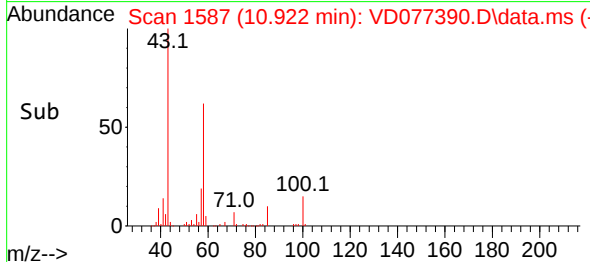
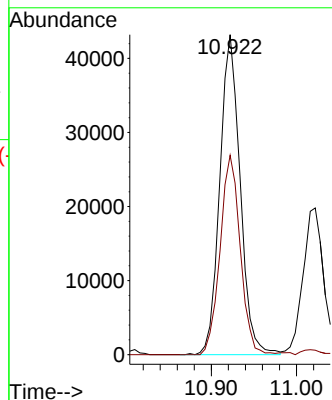
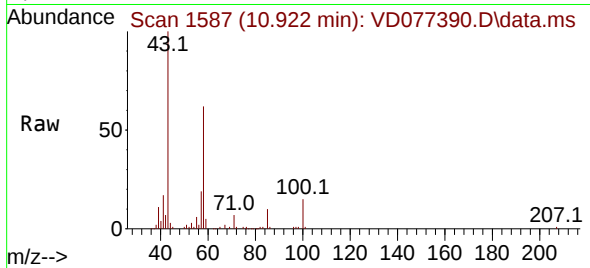
#59  
2-Hexanone  
Concen: 122.267 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 43 Resp: 7148  
Ion Ratio Lower Upper  
43 100  
58 61.8 34.1 102.2

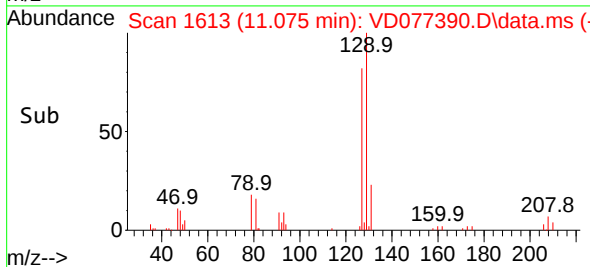
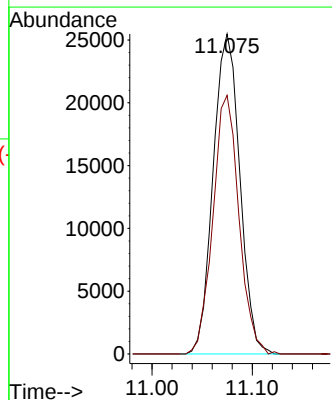
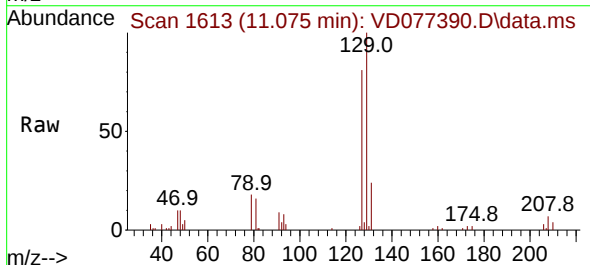
Manual Integrations  
APPROVED

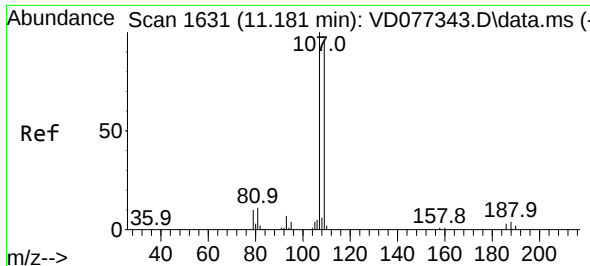
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#60  
Dibromochloromethane  
Concen: 21.161 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion:129 Resp: 47004  
Ion Ratio Lower Upper  
129 100  
127 78.8 37.1 111.5





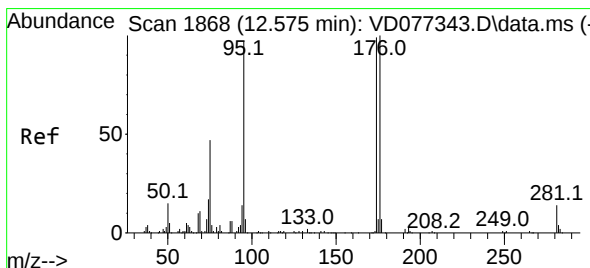
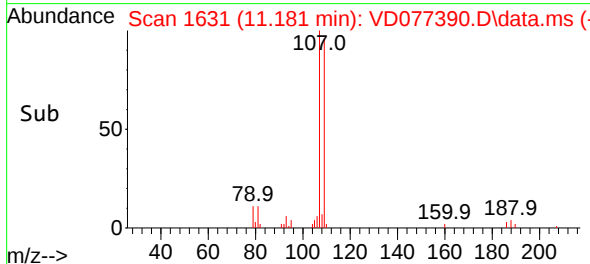
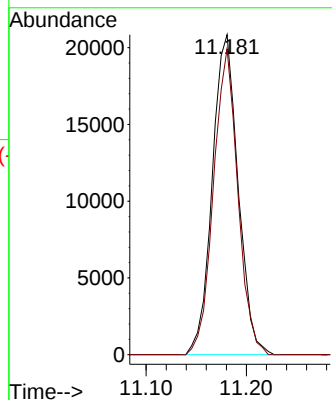
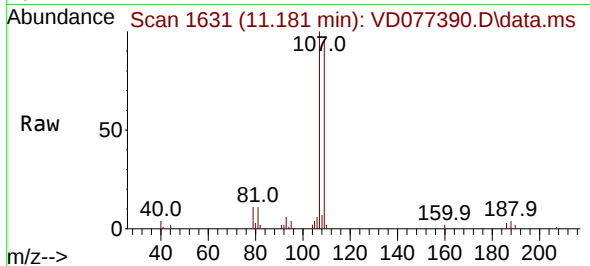
#61  
1,2-Dibromoethane  
Concen: 22.739 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:107 Resp: 3727  
Ion Ratio Lower Upper  
107 100  
109 90.2 75.6 113.4

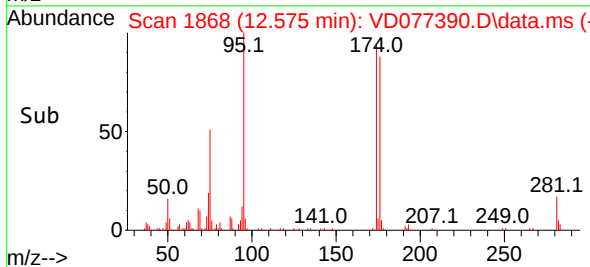
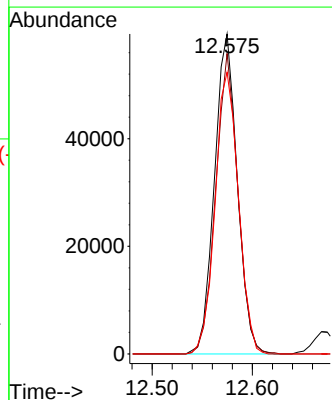
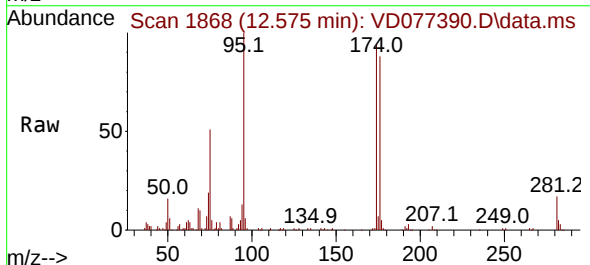
Manual Integrations  
APPROVED

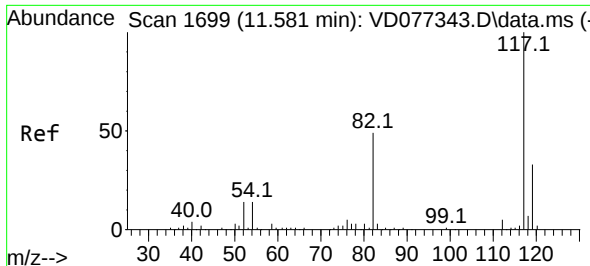
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#62  
4-Bromofluorobenzene  
Concen: 41.749 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

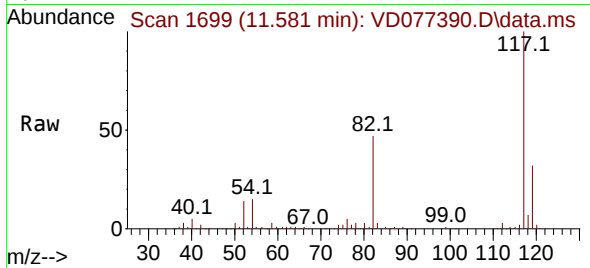
Tgt Ion: 95 Resp: 94066  
Ion Ratio Lower Upper  
95 100  
174 91.2 0.0 201.8  
176 89.9 0.0 191.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

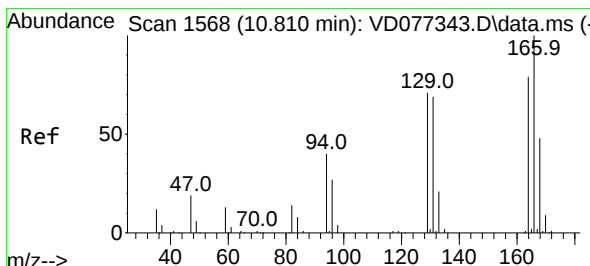
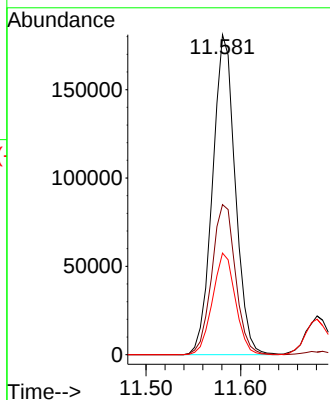
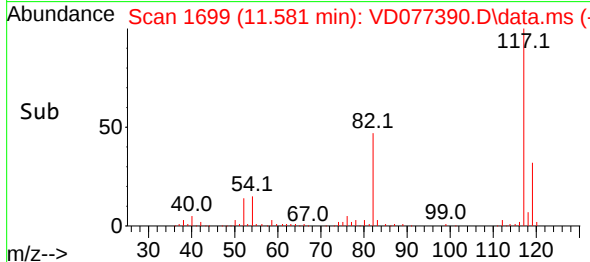
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



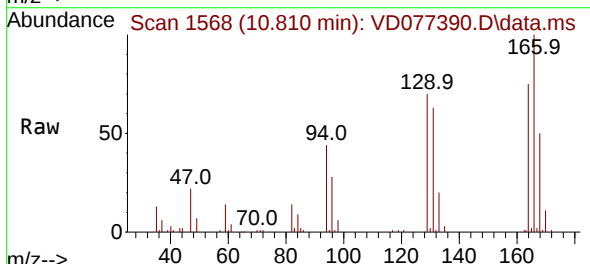
Tgt Ion:117 Resp: 30153  
Ion Ratio Lower Upper  
117 100  
82 46.9 38.3 57.5  
119 31.7 25.0 37.4

Manual Integrations  
APPROVED

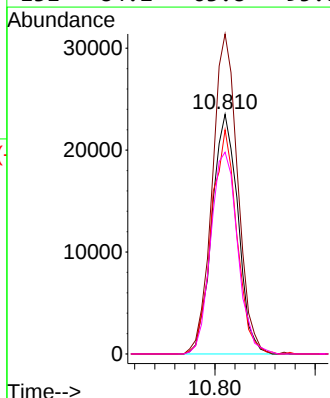
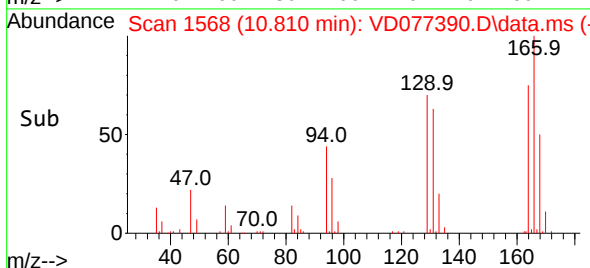
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

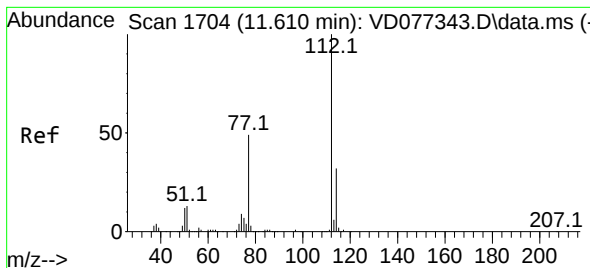


#64  
Tetrachloroethene  
Concen: 18.867 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



Tgt Ion:164 Resp: 42285  
Ion Ratio Lower Upper  
164 100  
166 133.5 99.2 148.8  
129 93.6 68.4 102.6  
131 84.2 63.8 95.8





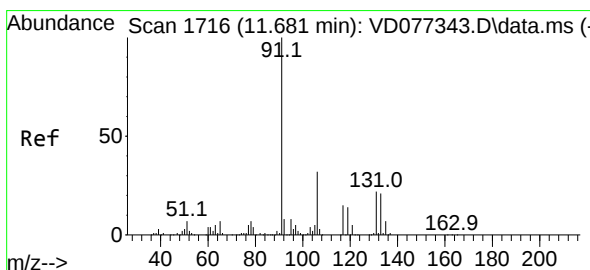
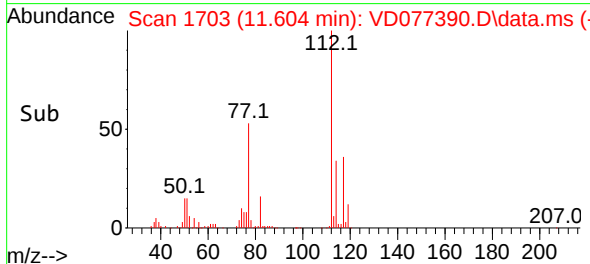
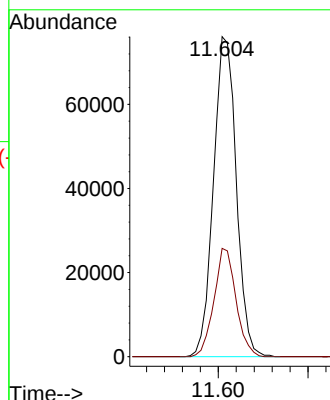
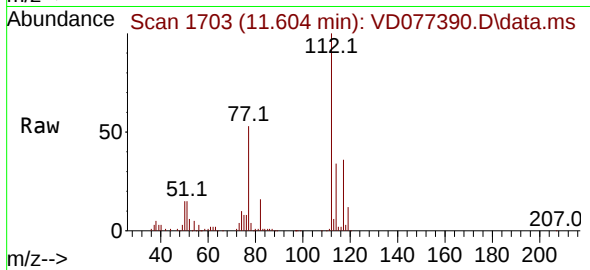
#65  
Chlorobenzene  
Concen: 20.436 ug/l  
RT: 11.604 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:112 Resp: 134320  
Ion Ratio Lower Upper  
112 100  
114 33.9 25.1 37.7

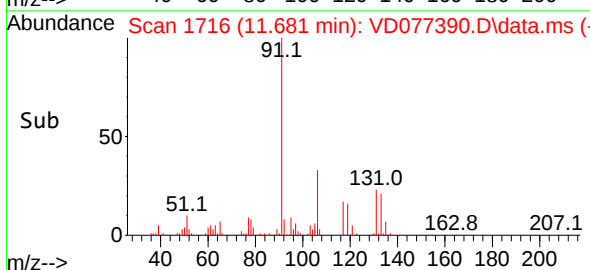
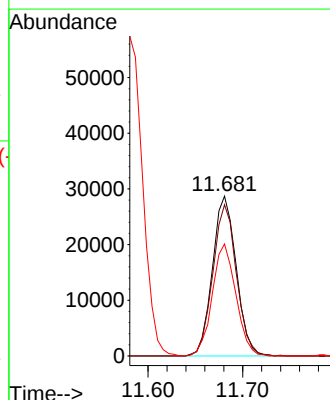
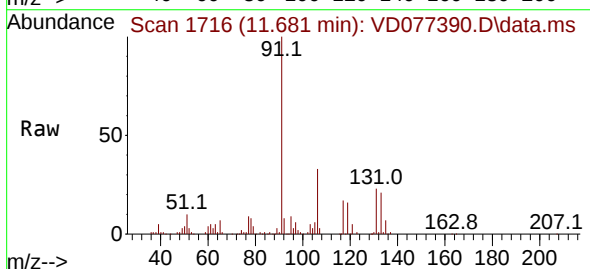
Manual Integrations  
**APPROVED**

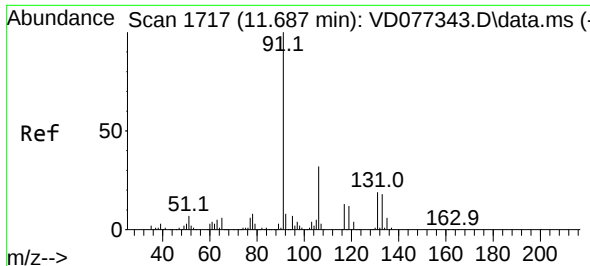
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.998 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion:131 Resp: 49963  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.5 145.5  
119 69.7 35.6 106.9





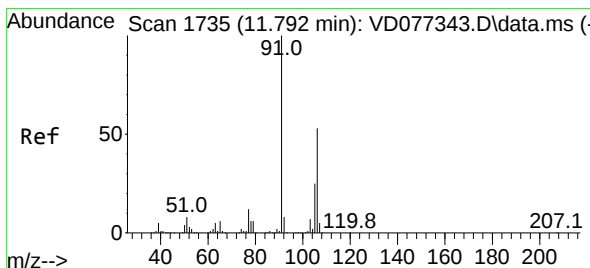
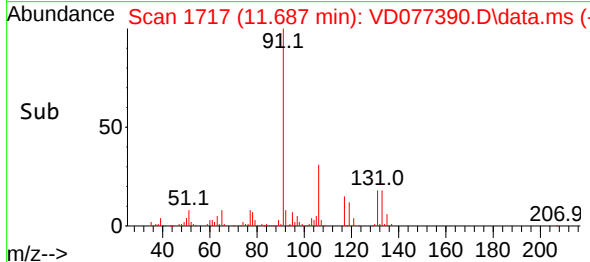
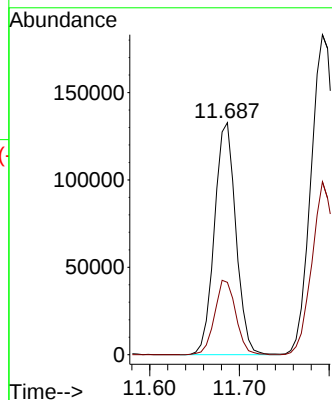
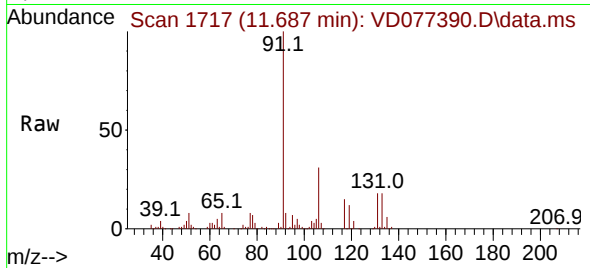
#67  
Ethyl Benzene  
Concen: 20.203 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 91 Resp: 220119  
Ion Ratio Lower Upper  
91 100  
106 31.2 26.5 39.7

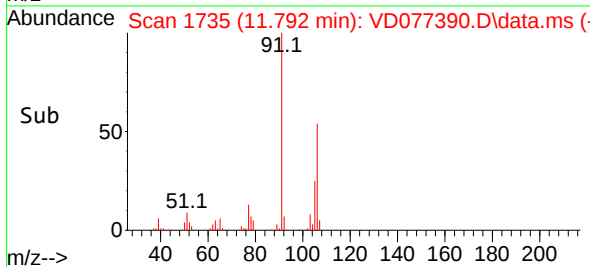
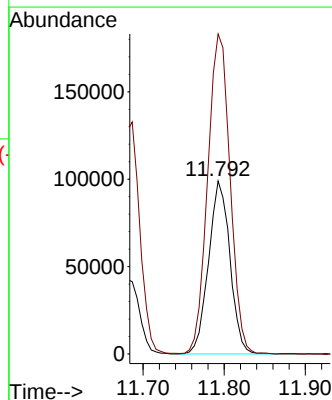
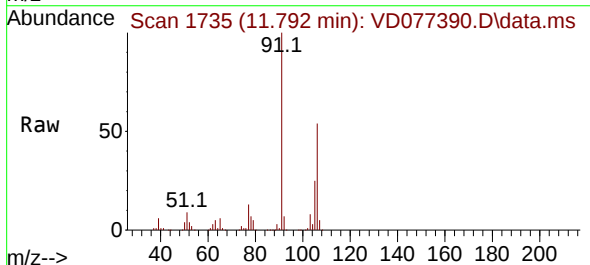
Manual Integrations  
APPROVED

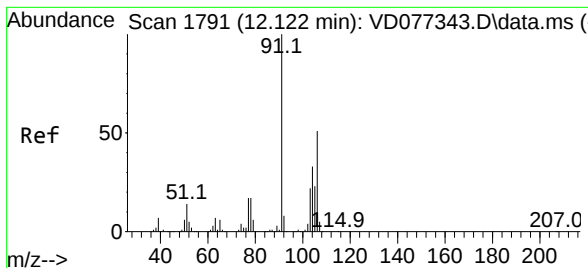
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#68  
m/p-Xylenes  
Concen: 40.417 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

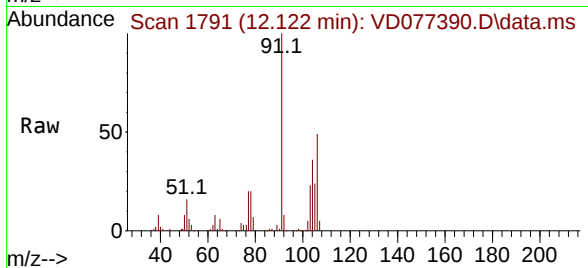
Tgt Ion:106 Resp: 180823  
Ion Ratio Lower Upper  
106 100  
91 194.1 147.0 220.6





#69  
o-Xylene  
Concen: 19.644 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

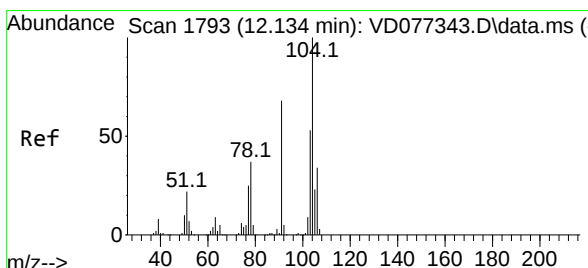
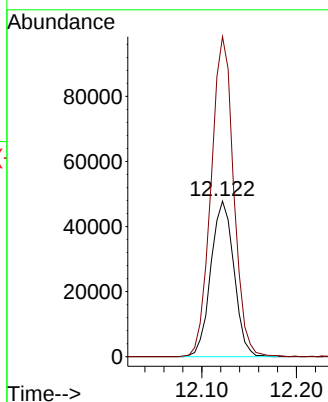
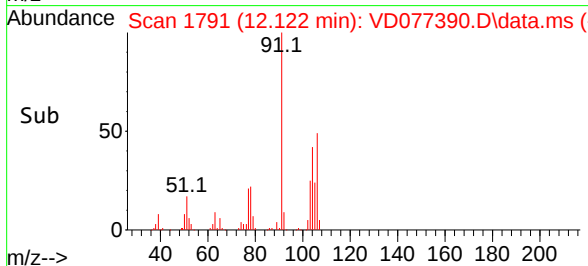
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion:106 Resp: 80904  
Ion Ratio Lower Upper  
106 100  
91 201.9 97.9 293.6

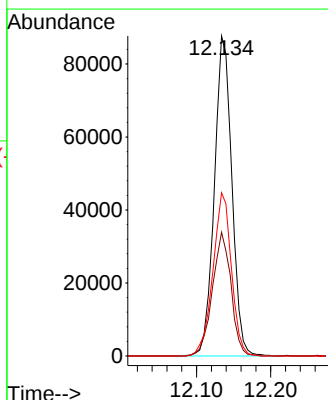
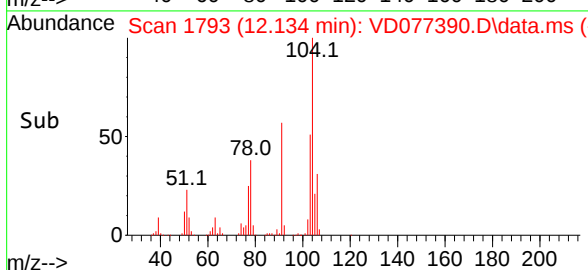
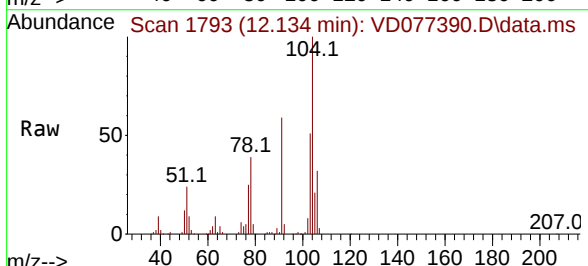
Manual Integrations  
APPROVED

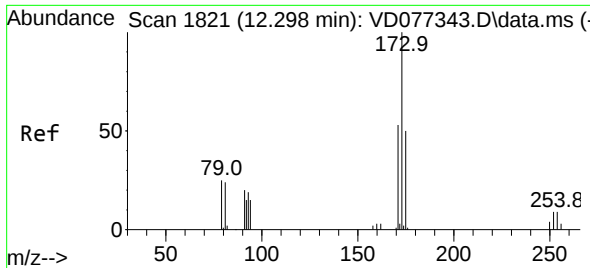
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#70  
Styrene  
Concen: 20.479 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

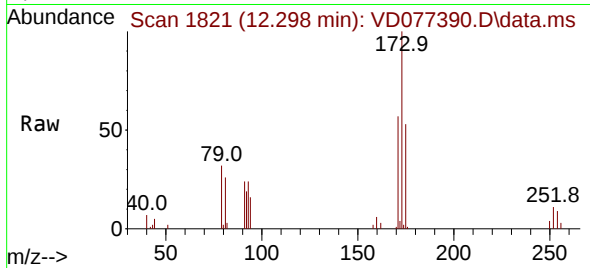
Tgt Ion:104 Resp: 143901  
Ion Ratio Lower Upper  
104 100  
78 40.9 33.2 49.8  
103 53.7 43.6 65.4





#71  
Bromoform  
Concen: 19.499 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

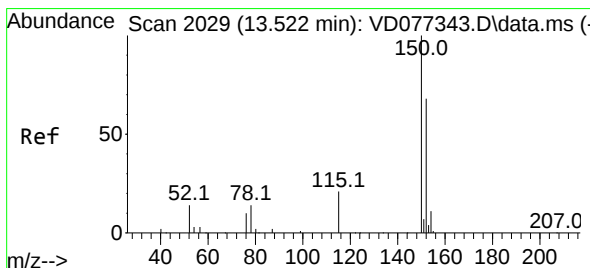
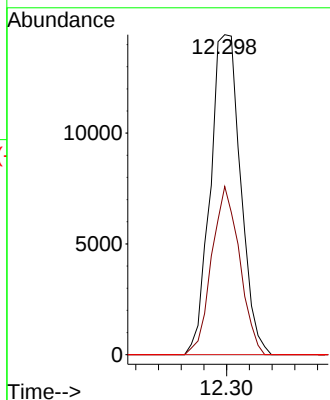
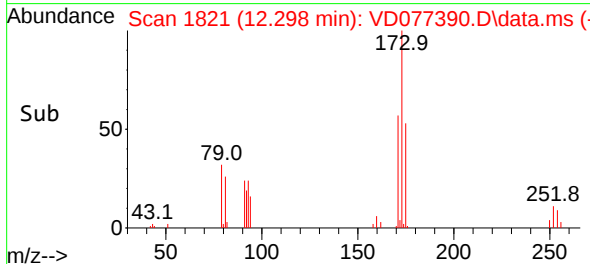
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



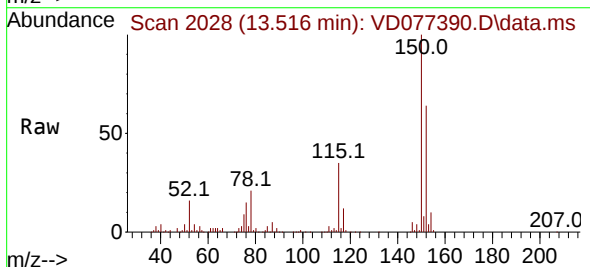
Tgt Ion:173 Resp: 26700  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.6 73.8  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

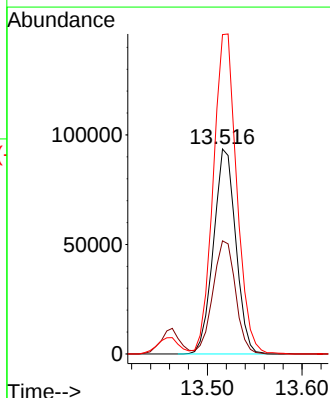
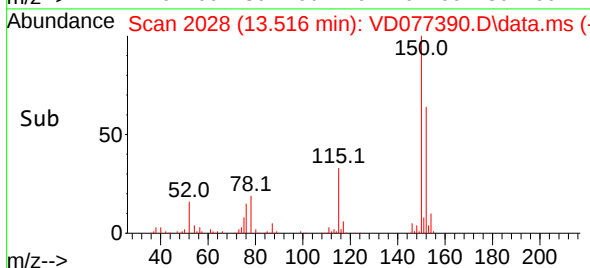
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

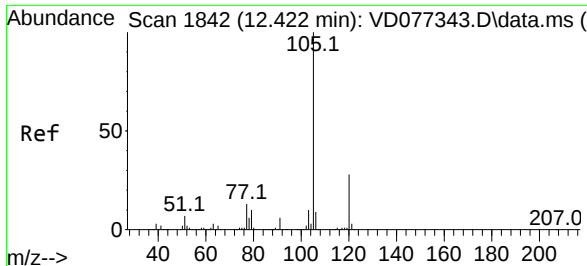


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



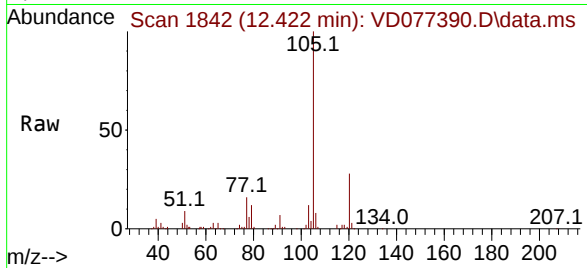
Tgt Ion:152 Resp: 153305  
Ion Ratio Lower Upper  
152 100  
115 55.9 27.1 81.3  
150 164.4 0.0 353.6





#73  
Isopropylbenzene  
Concen: 20.608 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

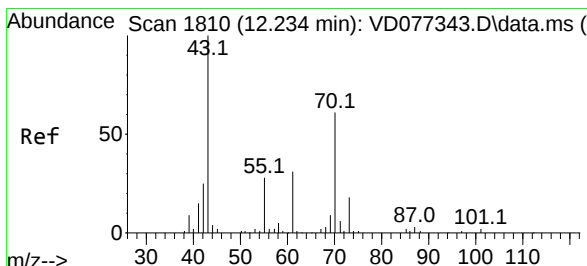
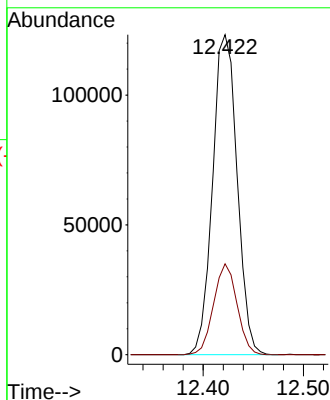
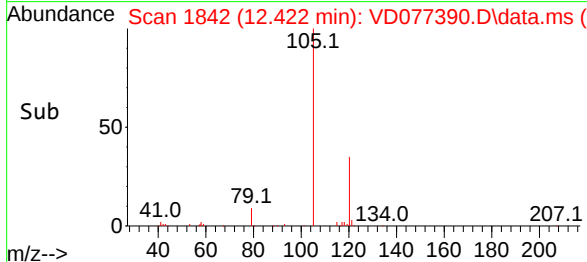
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



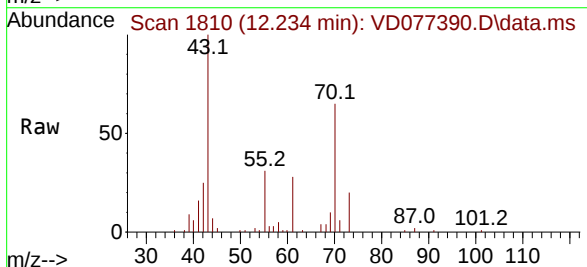
Tgt Ion:105 Resp: 20896  
Ion Ratio Lower Upper  
105 100  
120 27.1 14.3 42.9

Manual Integrations  
APPROVED

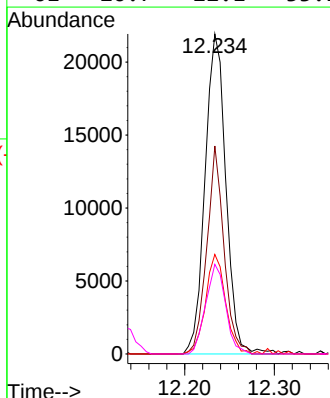
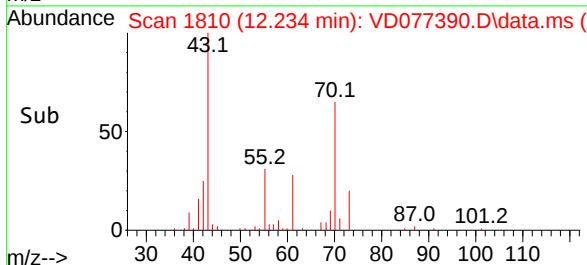
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

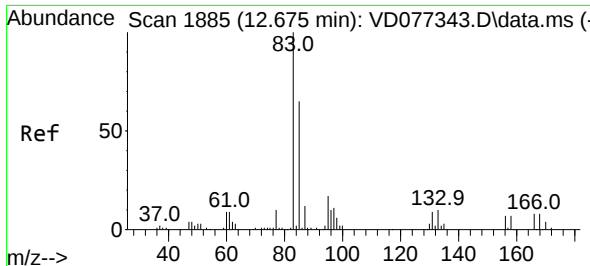


#74  
N-ethyl acetate  
Concen: 24.288 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



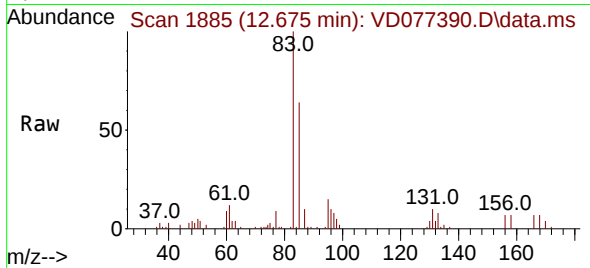
Tgt Ion: 43 Resp: 35430  
Ion Ratio Lower Upper  
43 100  
70 53.7 45.0 67.4  
55 29.7 23.8 35.6  
61 26.7 22.1 33.1





#75  
1,1,2,2-Tetrachloroethane  
Concen: 24.138 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

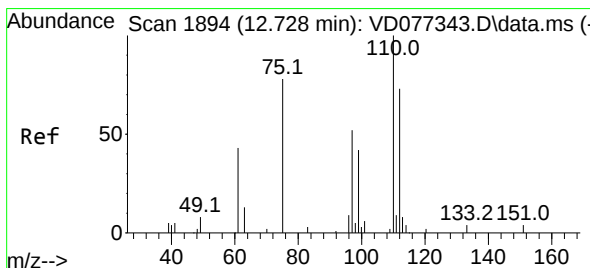
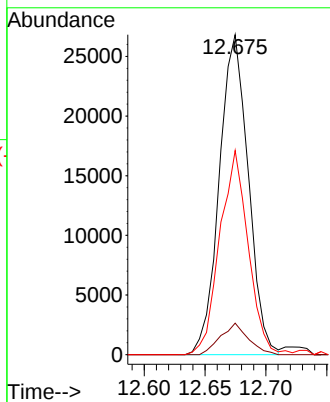
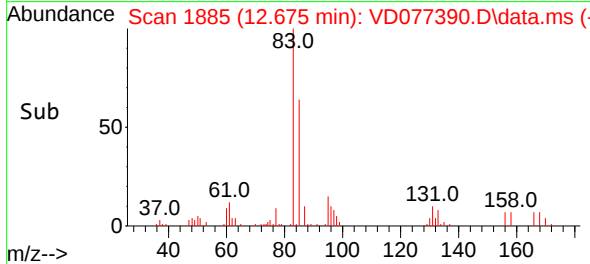
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



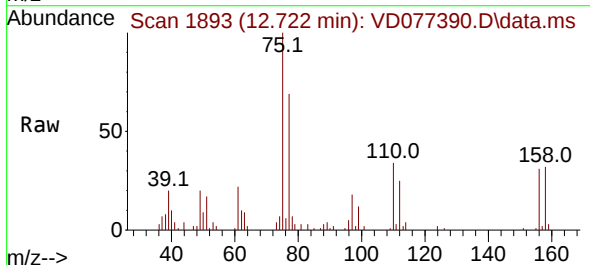
Tgt Ion: 83 Resp: 44479  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.3  
85 62.7 32.6 97.8

Manual Integrations  
APPROVED

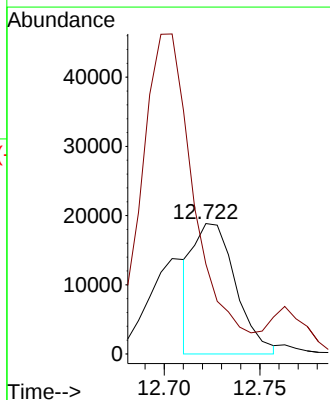
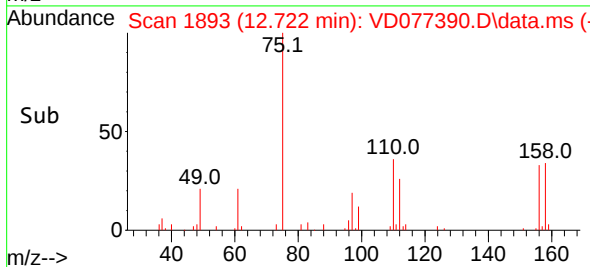
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023

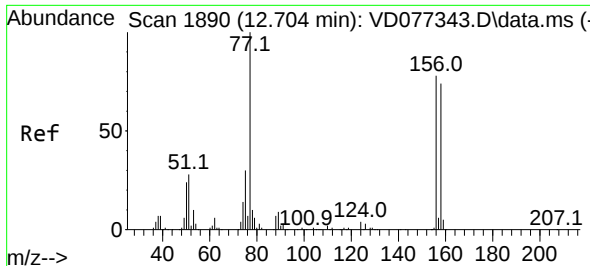


#76  
1,2,3-Trichloropropane  
Concen: 15.940 ug/l m  
RT: 12.722 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



Tgt Ion: 75 Resp: 29066  
Ion Ratio Lower Upper  
75 100  
77 307.6 0.0 0.0#





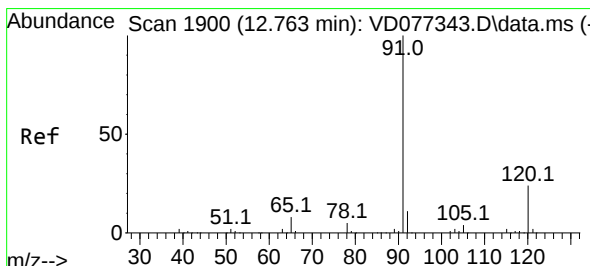
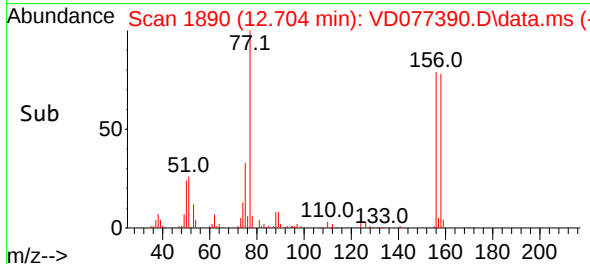
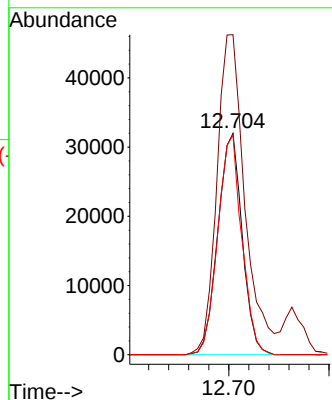
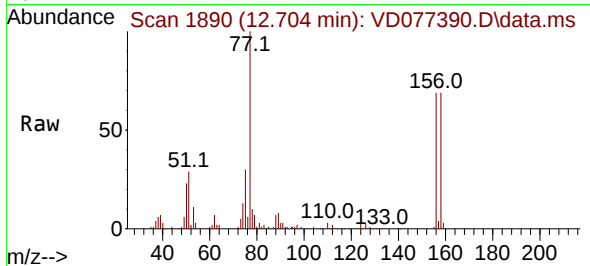
#77  
Bromobenzene  
Concen: 20.189 ug/l  
RT: 12.704 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:156 Resp: 53740  
Ion Ratio Lower Upper  
156 100  
77 166.3 76.8 230.4  
158 98.4 48.6 145.9

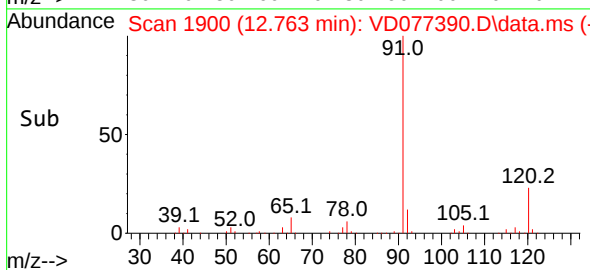
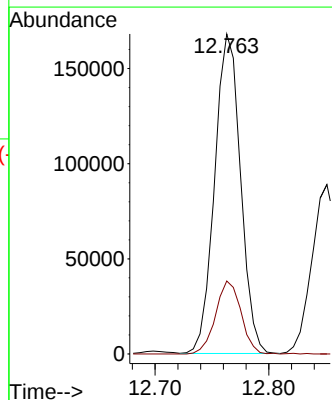
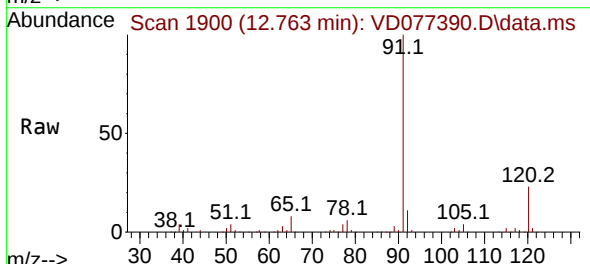
Manual Integrations  
APPROVED

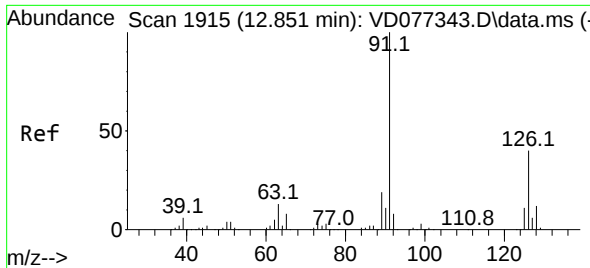
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#78  
n-propylbenzene  
Concen: 21.794 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 91 Resp: 266151  
Ion Ratio Lower Upper  
91 100  
120 22.4 12.4 37.2





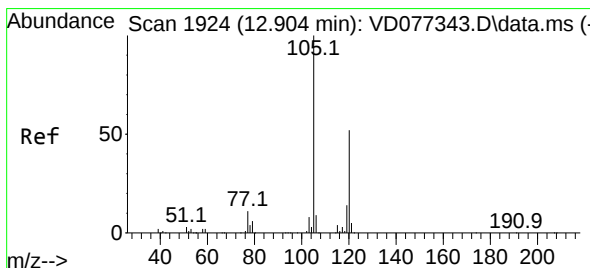
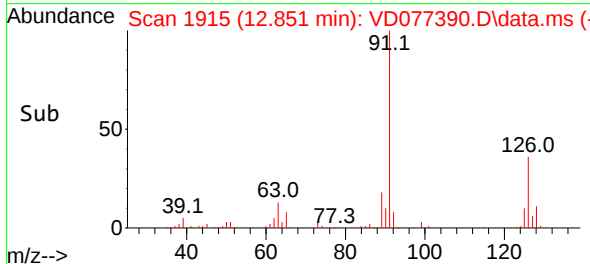
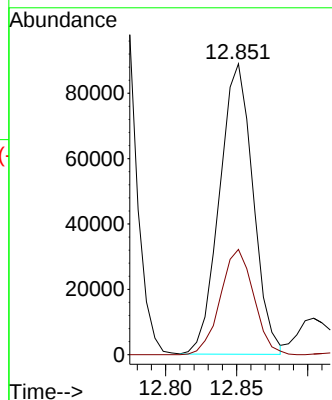
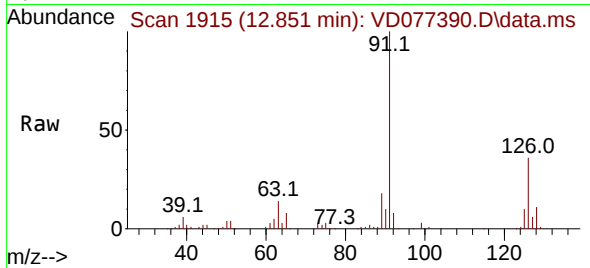
#79  
2-Chlorotoluene  
Concen: 22.015 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 91 Resp: 14643  
Ion Ratio Lower Upper  
91 100  
126 35.9 19.4 58.1

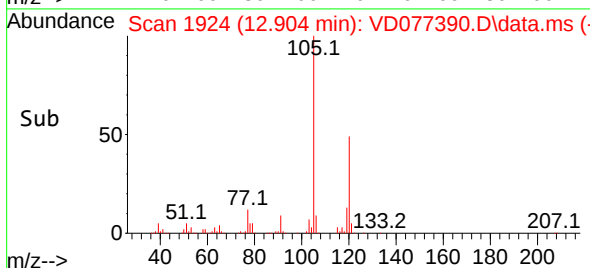
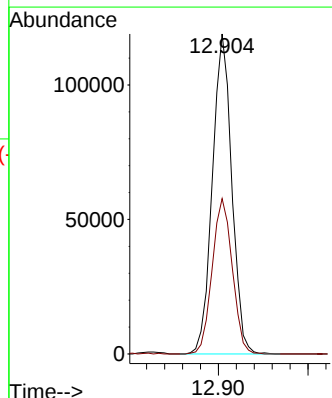
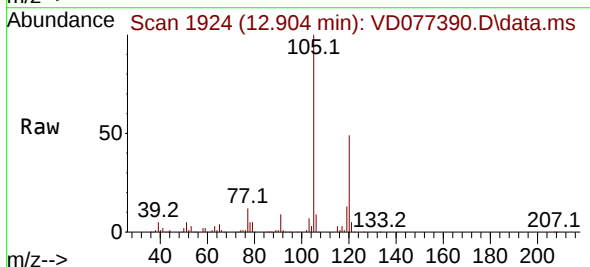
Manual Integrations  
APPROVED

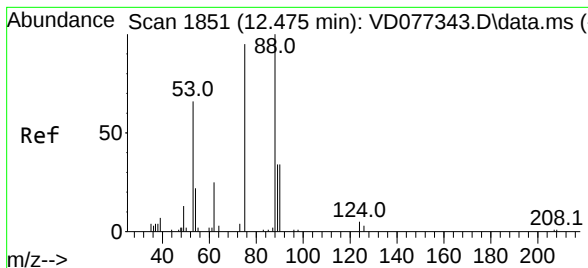
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 21.318 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

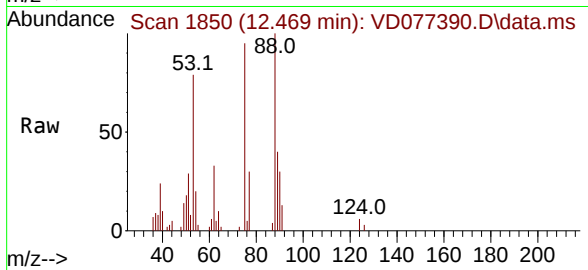
Tgt Ion:105 Resp: 178390  
Ion Ratio Lower Upper  
105 100  
120 50.3 26.4 79.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 23.091 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

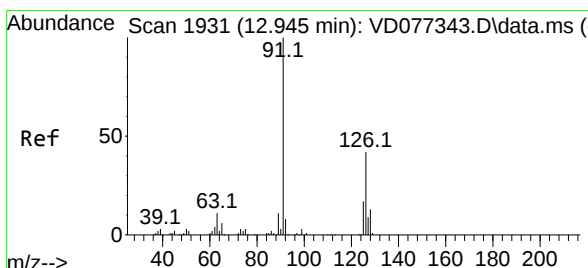
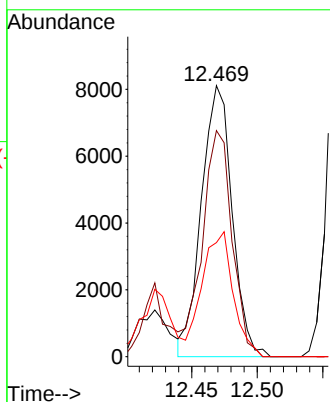
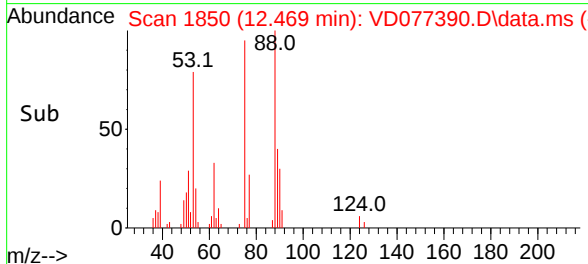
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



Tgt Ion: 75 Resp: 1321  
Ion Ratio Lower Upper  
75 100  
53 81.2 63.0 94.4  
89 46.4 37.9 56.9

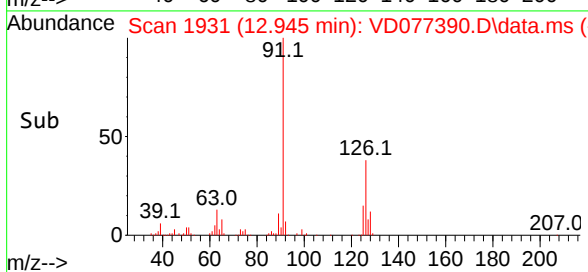
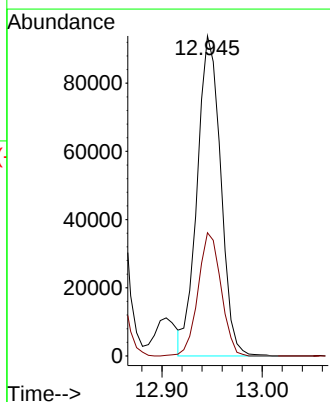
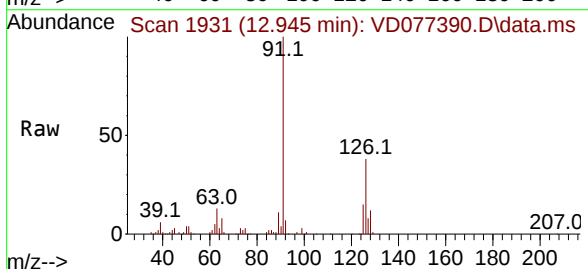
Manual Integrations  
APPROVED

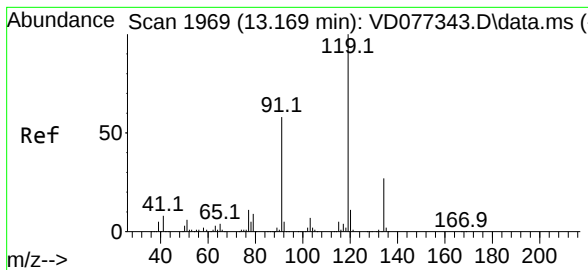
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#82  
4-Chlorotoluene  
Concen: 22.150 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 91 Resp: 153391  
Ion Ratio Lower Upper  
91 100  
126 37.6 19.4 58.4





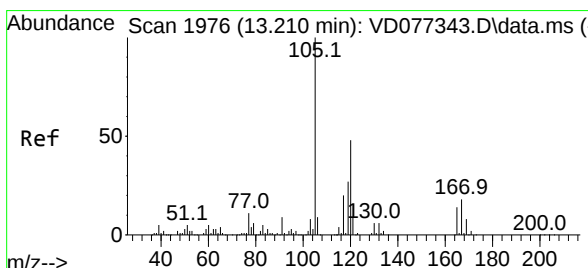
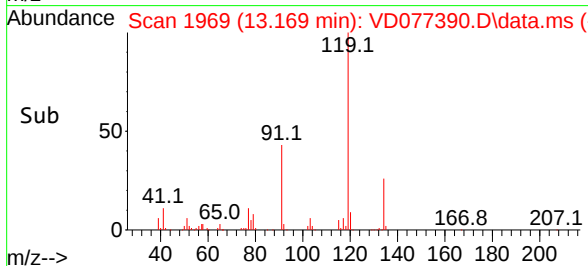
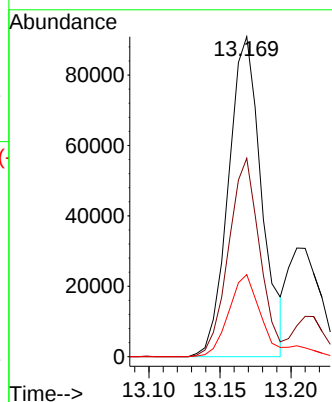
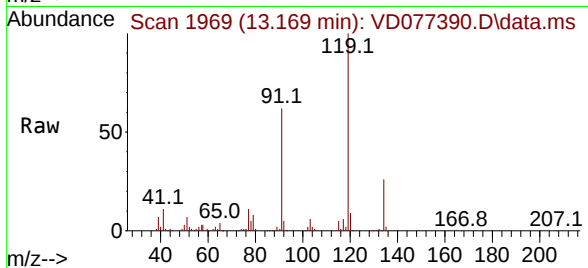
#83  
tert-Butylbenzene  
Concen: 19.917 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:119 Resp: 147764  
Ion Ratio Lower Upper  
119 100  
91 58.4 29.3 87.8  
134 26.9 14.1 42.3

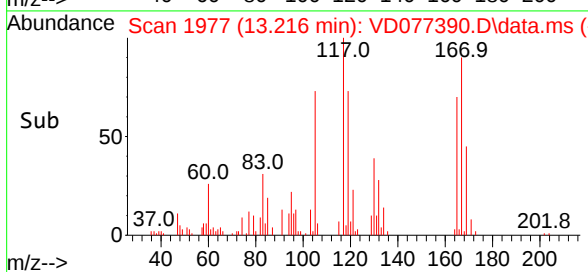
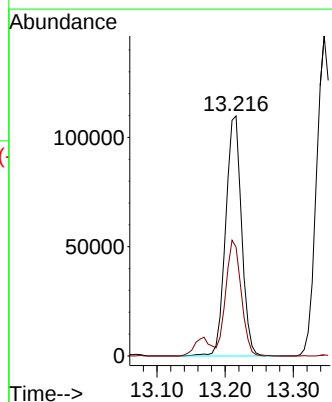
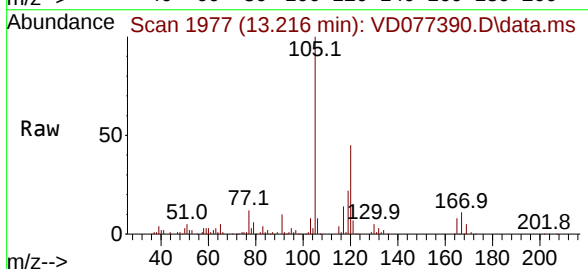
Manual Integrations  
APPROVED

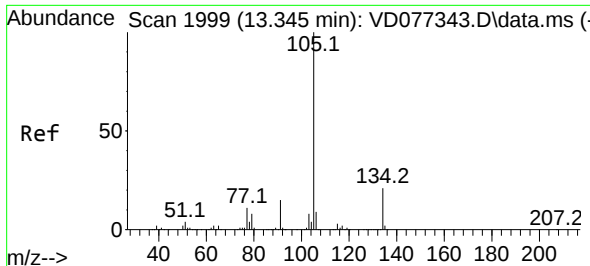
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 21.149 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

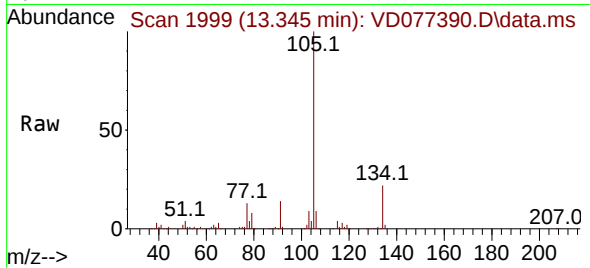
Tgt Ion:105 Resp: 178184  
Ion Ratio Lower Upper  
105 100  
120 46.8 24.3 72.9





#85  
 sec-Butylbenzene  
 Concen: 20.624 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VD077390.D  
 Acq: 24 Oct 2023 12:56

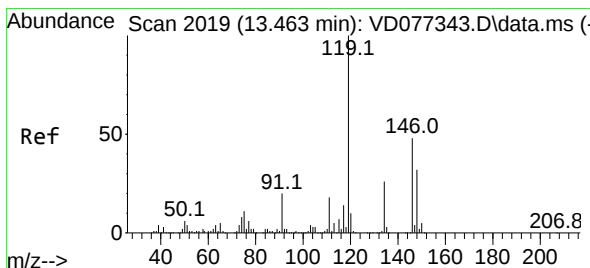
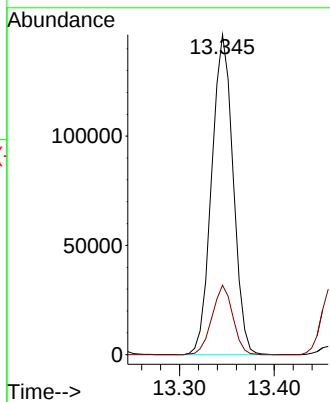
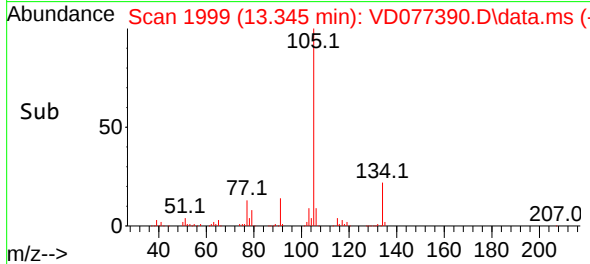
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1024SBS01



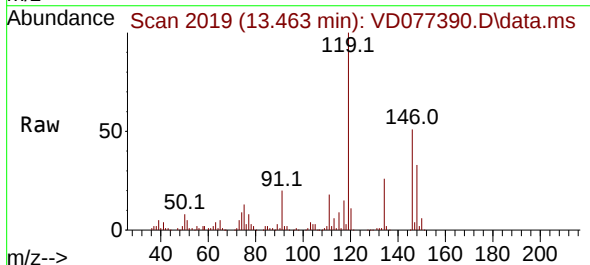
Tgt Ion:105 Resp: 230240  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.9 32.9

Manual Integrations  
 APPROVED

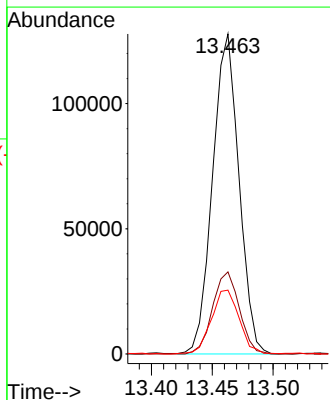
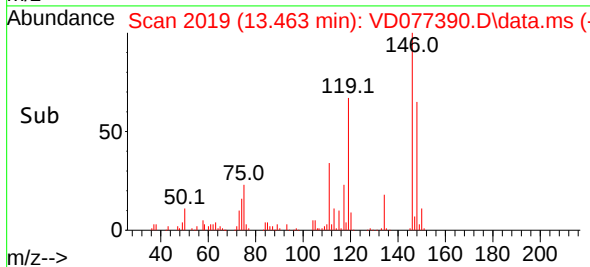
Reviewed By :John Carlone 10/25/2023  
 Supervised By :Mahesh Dadoda 10/25/2023

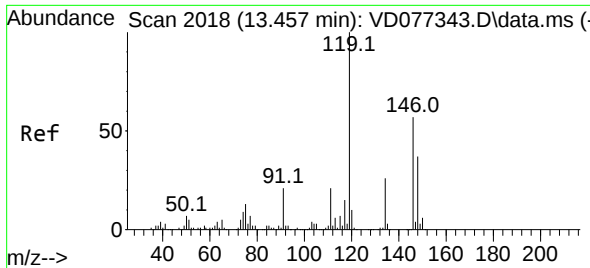


#86  
 p-Isopropyltoluene  
 Concen: 19.885 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. -0.000 min  
 Lab File: VD077390.D  
 Acq: 24 Oct 2023 12:56



Tgt Ion:119 Resp: 192855  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 14.2 42.6  
 91 21.1 10.5 31.5





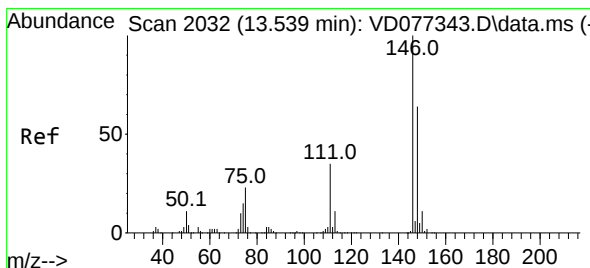
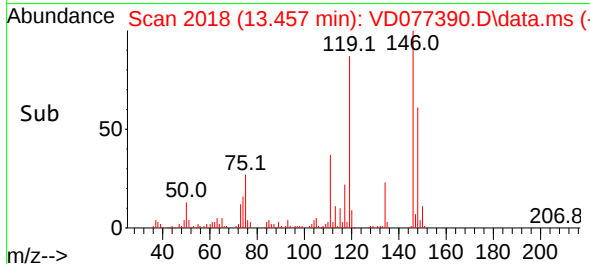
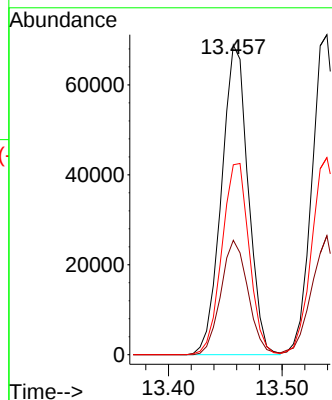
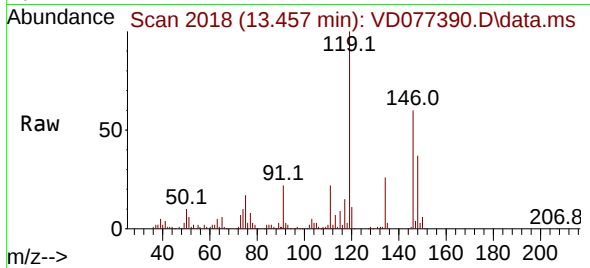
#87  
1,3-Dichlorobenzene  
Concen: 20.055 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:146 Resp: 11236  
Ion Ratio Lower Upper  
146 100  
111 37.6 17.9 53.8  
148 63.3 32.3 96.8

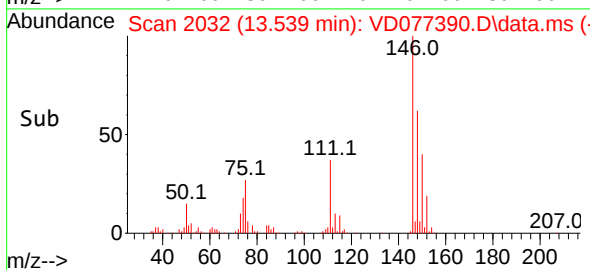
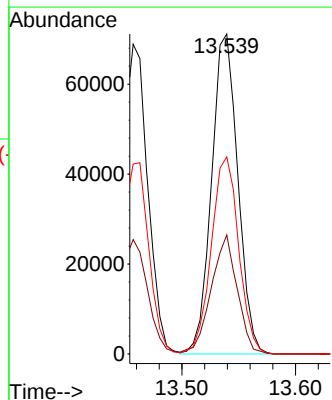
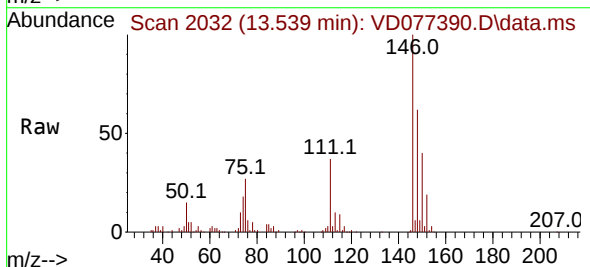
Manual Integrations  
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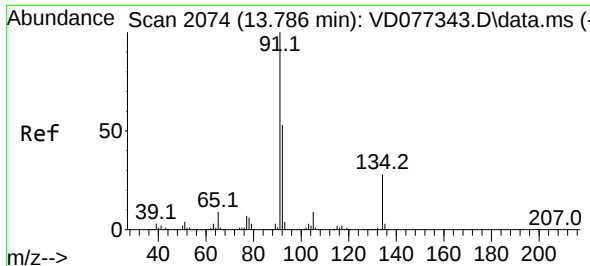
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#88  
1,4-Dichlorobenzene  
Concen: 20.621 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion:146 Resp: 114484  
Ion Ratio Lower Upper  
146 100  
111 36.9 17.4 52.3  
148 64.1 31.7 95.1





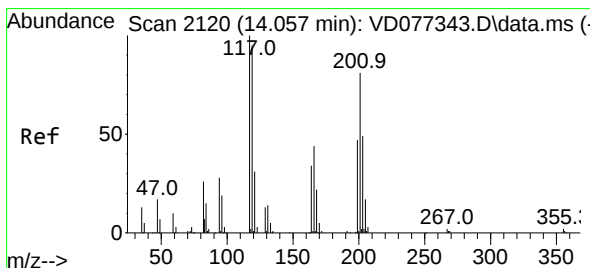
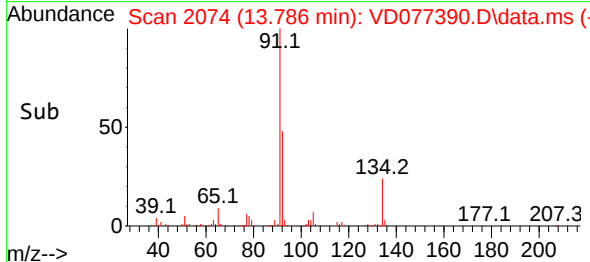
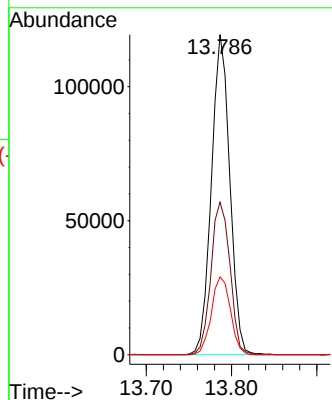
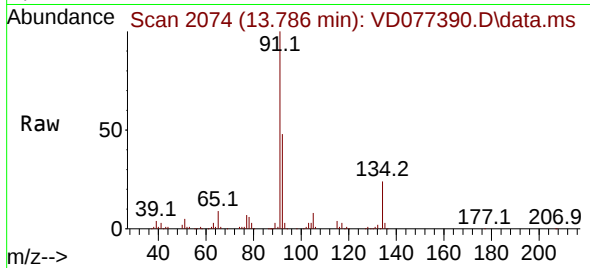
#89  
n-Butylbenzene  
Concen: 21.184 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion: 91 Resp: 178898  
Ion Ratio Lower Upper  
91 100  
92 49.1 26.5 79.5  
134 25.2 13.8 41.3

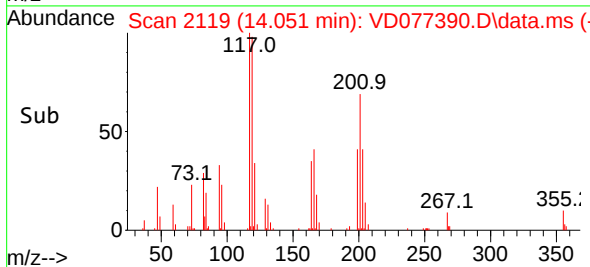
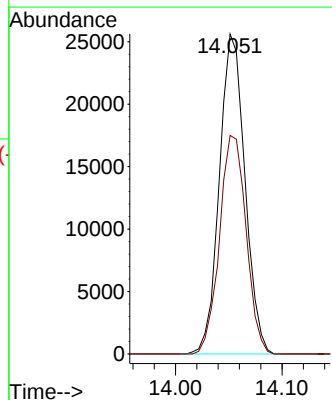
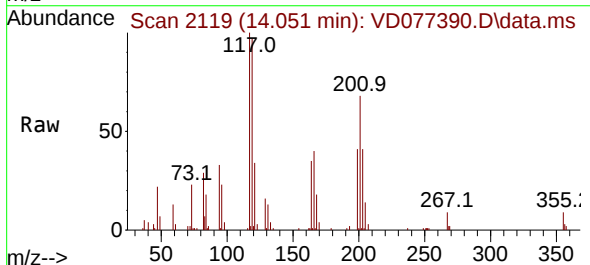
Manual Integrations  
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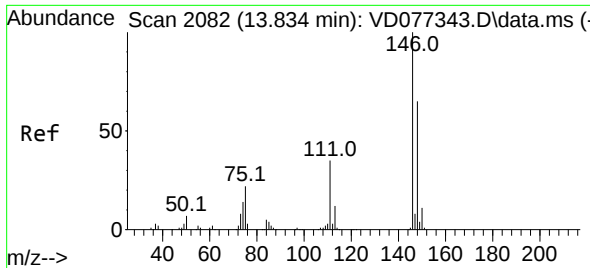
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#90  
Hexachloroethane  
Concen: 21.738 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion:117 Resp: 42616  
Ion Ratio Lower Upper  
117 100  
201 71.1 38.5 115.5





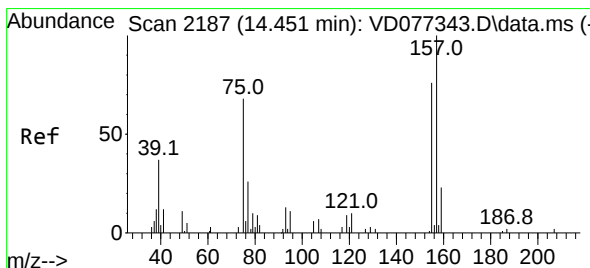
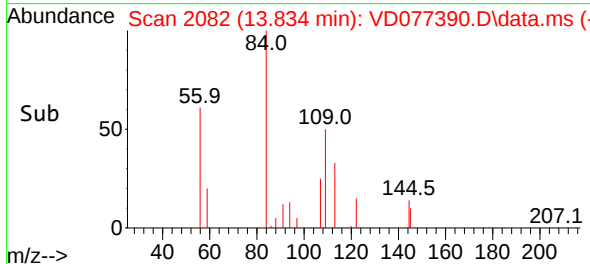
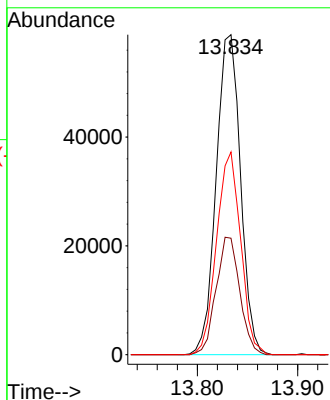
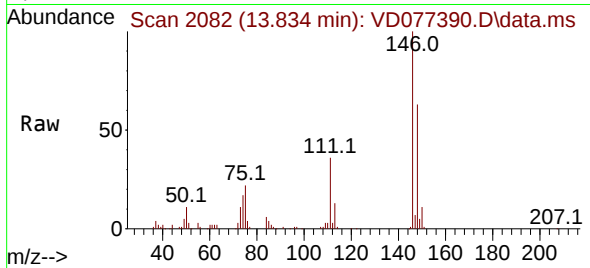
#91  
1,2-Dichlorobenzene  
Concen: 20.978 ug/l  
RT: 13.834 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01

Tgt Ion:146 Resp: 9928  
Ion Ratio Lower Upper  
146 100  
111 35.7 18.3 54.8  
148 62.7 31.6 94.7

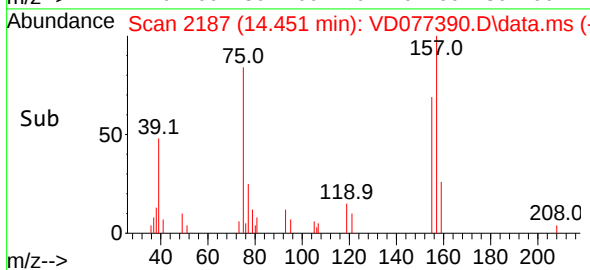
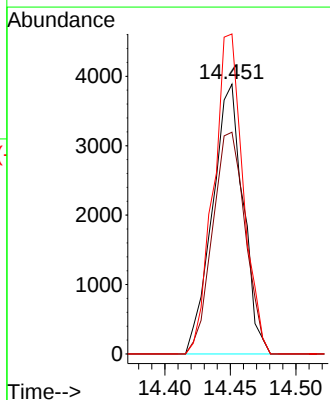
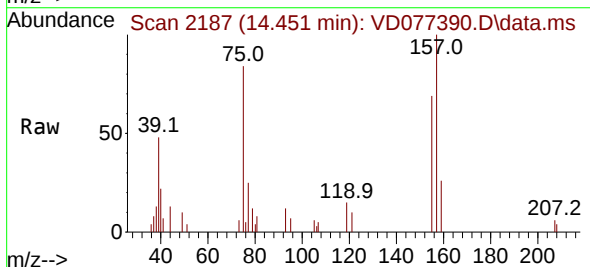
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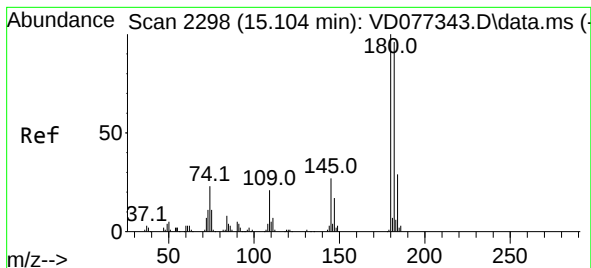
Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 28.133 ug/l  
RT: 14.451 min Scan# 2187  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

Tgt Ion: 75 Resp: 6345  
Ion Ratio Lower Upper  
75 100  
155 87.4 47.9 143.8  
157 114.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.375 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA\_D

ClientSampleId :

VD1024SBS01

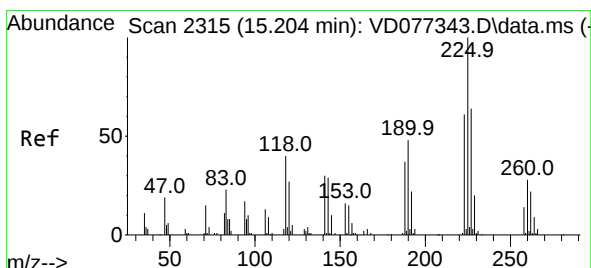
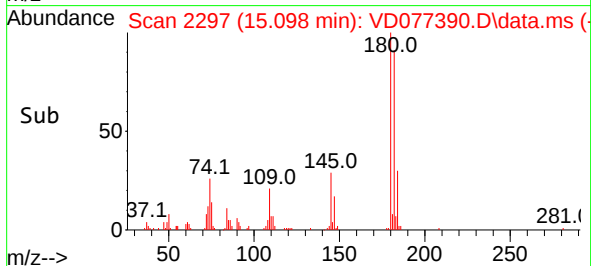
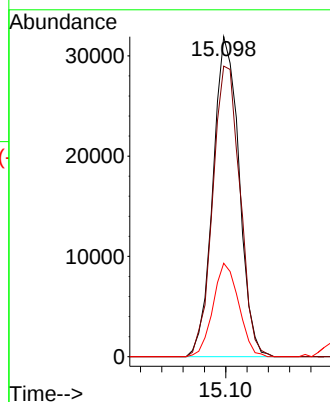
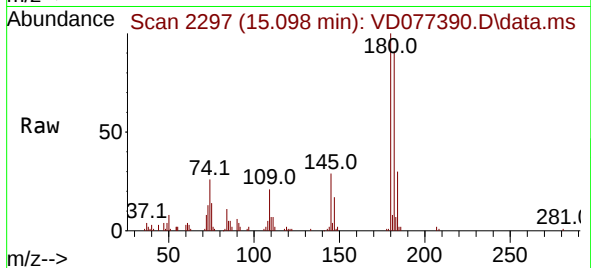
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 5418       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.7  | 48.5 145.6 |
| 145         | 28.8  | 14.2 42.6  |

Manual Integrations

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Reviewed By :John Carlone 10/25/2023

Supervised By :Mahesh Dadoda 10/25/2023



#94

Hexachlorobutadiene

Concen: 17.930 ug/l

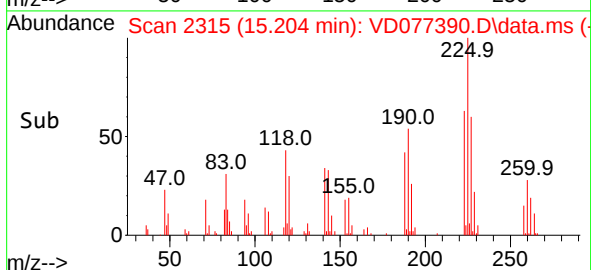
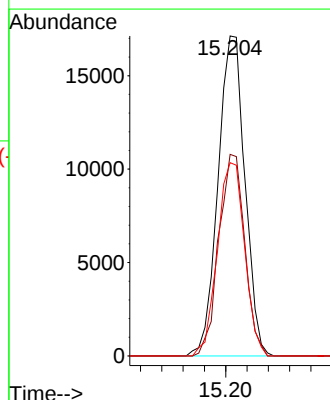
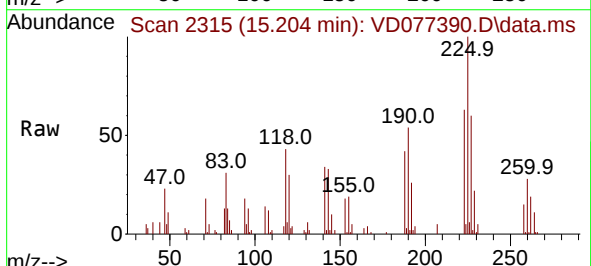
RT: 15.204 min Scan# 2315

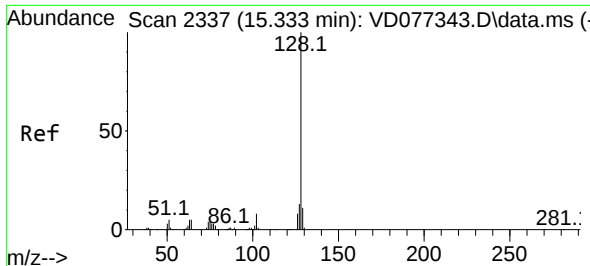
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

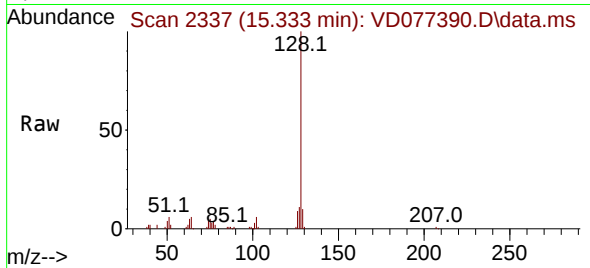
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 30026     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.7  | 31.6 94.8 |
| 227         | 60.9  | 31.7 95.1 |





#95  
Naphthalene  
Concen: 18.629 ug/l  
RT: 15.333 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56

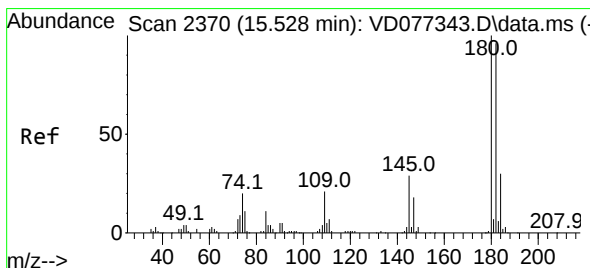
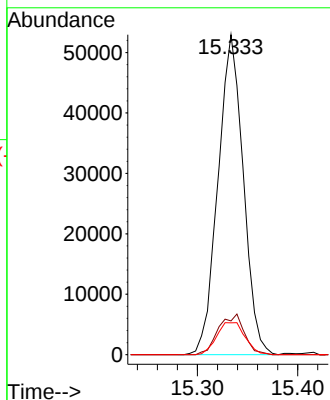
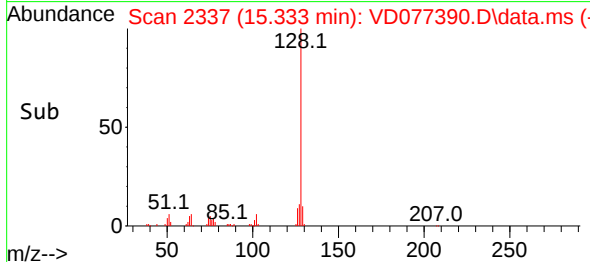
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1024SBS01



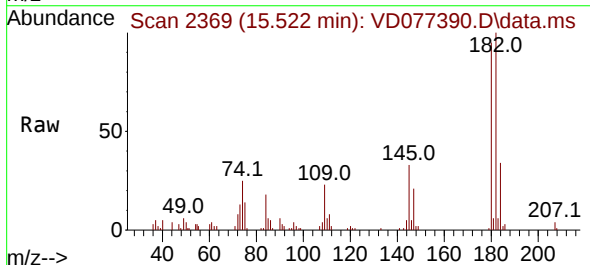
Tgt Ion:128 Resp: 9274  
Ion Ratio Lower Upper  
128 100  
127 10.6 10.5 15.7  
129 10.0 8.7 13.1

Manual Integrations  
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Reviewed By :John Carlone 10/25/2023  
Supervised By :Mahesh Dadoda 10/25/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 18.167 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.006 min  
Lab File: VD077390.D  
Acq: 24 Oct 2023 12:56



Tgt Ion:180 Resp: 46497  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.3 141.9  
145 31.4 15.1 45.3

