

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022724\  
 Data File : VN081211.D  
 Acq On : 27 Feb 2024 11:44  
 Operator : JC\MD  
 Sample : VN0227WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBS01

Quant Time: Feb 28 04:14:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2024  
 Supervised By : Semsettin Yesilyurt 02/28/2024

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.229          | 168  | 275879              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 517796              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.870         | 117  | 466541              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 206770              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 173759              | 51.385  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 102.780% |         |        |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 149725              | 51.136  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 102.280% |         |        |          |
| 50) Toluene-d8               | 10.570         | 98   | 487337              | 46.862  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 93.720%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 187914              | 48.089  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 96.180%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 77731               | 21.787  | ug/l   | 95       |
| 3) Chloromethane             | 2.365          | 50   | 73948               | 18.247  | ug/l   | 95       |
| 4) Vinyl Chloride            | 2.518          | 62   | 81898               | 20.666  | ug/l   | 100      |
| 5) Bromomethane              | 2.965          | 94   | 53720               | 19.085  | ug/l   | 95       |
| 6) Chloroethane              | 3.124          | 64   | 56241               | 21.446  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 125923              | 21.750  | ug/l   | 89       |
| 8) Diethyl Ether             | 3.959          | 74   | 45029               | 21.273  | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377          | 101  | 72742               | 22.538  | ug/l   | 94       |
| 10) Methyl Iodide            | 4.588          | 142  | 59977               | 16.648  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.518          | 59   | 67758               | 108.958 | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 4.353          | 96   | 64686               | 20.734  | ug/l   | 81       |
| 13) Acrolein                 | 4.188          | 56   | 34106               | 102.325 | ug/l   | 99       |
| 14) Allyl chloride           | 5.030          | 41   | 96896               | 20.932  | ug/l   | 90       |
| 15) Acrylonitrile            | 5.724          | 53   | 188397              | 115.999 | ug/l   | 99       |
| 16) Acetone                  | 4.430          | 43   | 139151              | 104.582 | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.718          | 76   | 154905              | 17.801  | ug/l   | 98       |
| 18) Methyl Acetate           | 5.024          | 43   | 88570               | 27.287  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.800          | 73   | 236677              | 22.150  | ug/l   | 99       |
| 20) Methylene Chloride       | 5.288          | 84   | 78916               | 22.414  | ug/l   | 86       |
| 21) trans-1,2-Dichloroethene | 5.788          | 96   | 71988               | 20.681  | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.677          | 45   | 242665              | 23.109  | ug/l # | 95       |
| 23) Vinyl Acetate            | 6.606          | 43   | 927414m             | 108.855 | ug/l   |          |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 138316              | 22.780  | ug/l # | 96       |
| 25) 2-Butanone               | 7.482          | 43   | 243096              | 113.092 | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 119570              | 21.017  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.494          | 96   | 85751               | 21.204  | ug/l   | 90       |
| 28) Bromochloromethane       | 7.818          | 49   | 58441               | 23.217  | ug/l # | 65       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 163022              | 113.611 | ug/l # | 87       |
| 30) Chloroform               | 7.965          | 83   | 148411              | 22.993  | ug/l   | 98       |
| 31) Cyclohexane              | 8.259          | 56   | 120682              | 20.669  | ug/l # | 81       |
| 32) 1,1,1-Trichloroethane    | 8.171          | 97   | 129890              | 22.096  | ug/l   | 94       |
| 36) 1,1-Dichloropropene      | 8.376          | 75   | 104602              | 20.853  | ug/l   | 95       |
| 37) Ethyl Acetate            | 7.571          | 43   | 103425              | 22.845  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 108710              | 21.420  | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.600          | 83   | 117707              | 20.129  | ug/l   | 87       |
| 40) Benzene                  | 8.606          | 78   | 314728              | 21.676  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022724\  
 Data File : VN081211.D  
 Acq On : 27 Feb 2024 11:44  
 Operator : JC\MD  
 Sample : VN0227WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBS01

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 02/28/2024  
 Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 04:14:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 60766    | 23.584  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.676  | 62   | 112006   | 22.111  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 175350   | 22.146  | ug/l # | 93       |
| 44) Trichloroethene           | 9.359  | 130  | 76779    | 19.854  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 82228    | 22.640  | ug/l   | 94       |
| 46) Dibromomethane            | 9.706  | 93   | 58623    | 22.153  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 113023   | 22.551  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 80951    | 21.972  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 30497    | 426.948 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 531139   | 116.613 | ug/l   | 95       |
| 52) Toluene                   | 10.635 | 92   | 198300   | 21.573  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 117866   | 21.162  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.317 | 75   | 130241   | 21.644  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 11.017 | 97   | 80610    | 22.801  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 118408   | 21.914  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.164 | 76   | 139104   | 22.756  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 247859   | 91.426  | ug/l # | 89       |
| 59) 2-Hexanone                | 11.200 | 43   | 397354   | 110.040 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.359 | 129  | 80870    | 21.532  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 81169    | 21.833  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.106 | 164  | 76396    | 23.993  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 214406   | 21.234  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.964 | 131  | 76124    | 20.990  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.964 | 91   | 376863   | 20.858  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 284203   | 41.037  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 140663   | 20.490  | ug/l   | 95       |
| 70) Styrene                   | 12.411 | 104  | 229948   | 21.138  | ug/l   | 95       |
| 71) Bromoform                 | 12.582 | 173  | 49947    | 21.707  | ug/l # | 93       |
| 73) Isopropylbenzene          | 12.700 | 105  | 361925   | 20.006  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 148119   | 19.372  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 107015   | 21.037  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 102391m  | 21.795  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 80373    | 19.925  | ug/l   | 79       |
| 78) n-propylbenzene           | 13.035 | 91   | 431453   | 20.717  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 255375   | 19.992  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 306328   | 20.884  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 35252    | 19.314  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 258362   | 20.685  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 263655   | 20.788  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 310358   | 21.233  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 381551   | 21.639  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 300831   | 20.541  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 150747   | 19.779  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 150604   | 20.110  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.058 | 91   | 267407   | 20.958  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 52623    | 21.738  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 151079   | 20.552  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 20574    | 19.453  | ug/l   | 79       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 79925    | 19.489  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 30964    | 20.245  | ug/l   | 95       |
| 95) Naphthalene               | 15.647 | 128  | 283646   | 18.874  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 81579    | 20.052  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022724\  
Data File : VN081211.D  
Acq On : 27 Feb 2024 11:44  
Operator : JC\MD  
Sample : VN0227WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Manual Integrations  
APPROVED

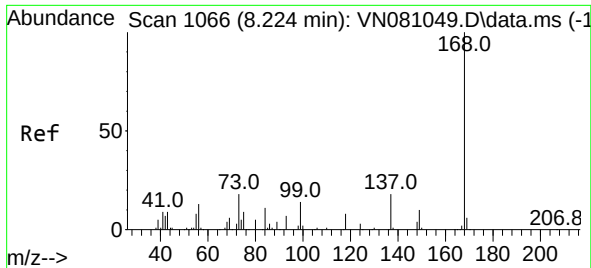
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

Quant Time: Feb 28 04:14:03 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 16 23:45:20 2024  
Response via : Initial Calibration

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

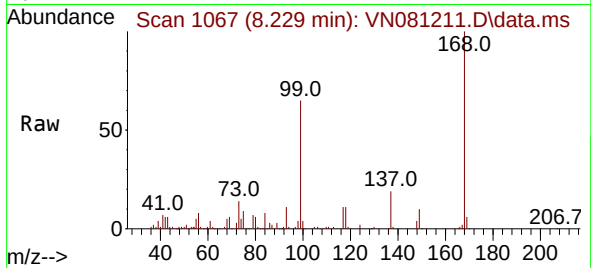
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1066  
Delta R.T. 0.005 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

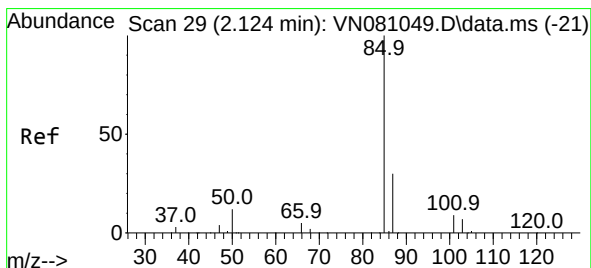
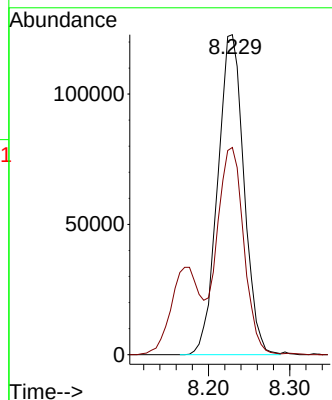
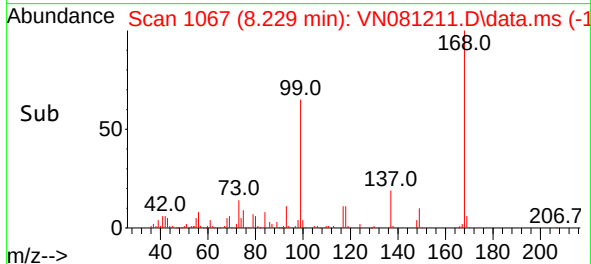
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:168 Resp: 275879  
Ion Ratio Lower Upper  
168 100  
99 64.5 59.9 89.9

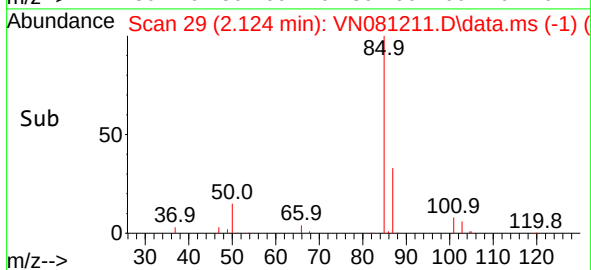
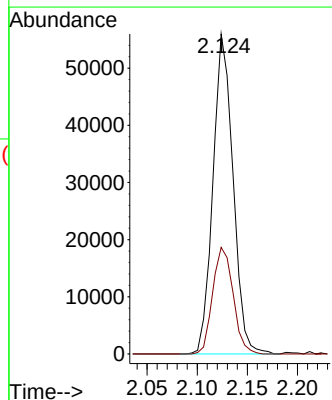
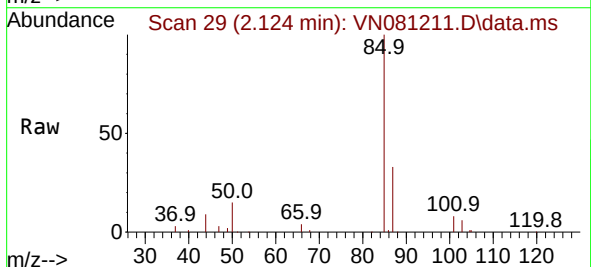
Manual Integrations  
APPROVED

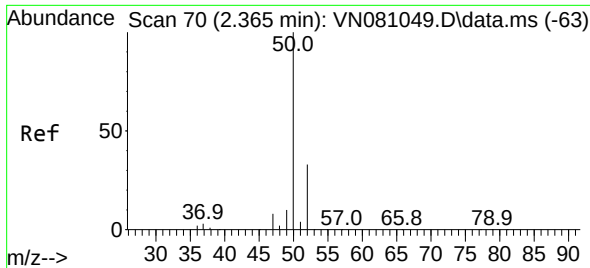
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#2  
Dichlorodifluoromethane  
Concen: 21.787 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

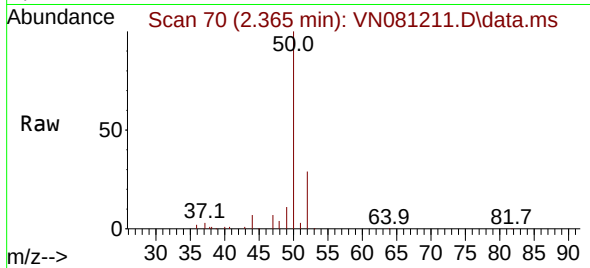
Tgt Ion: 85 Resp: 77731  
Ion Ratio Lower Upper  
85 100  
87 33.3 15.3 45.9





#3  
Chloromethane  
Concen: 18.247 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

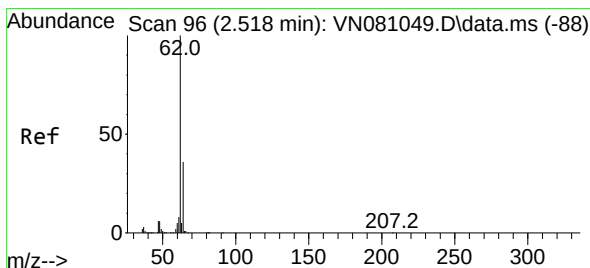
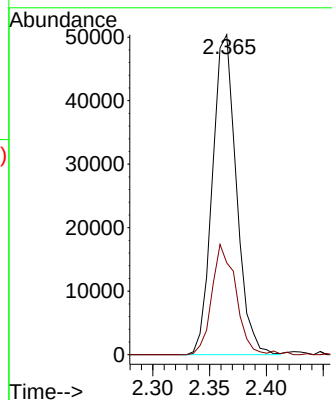
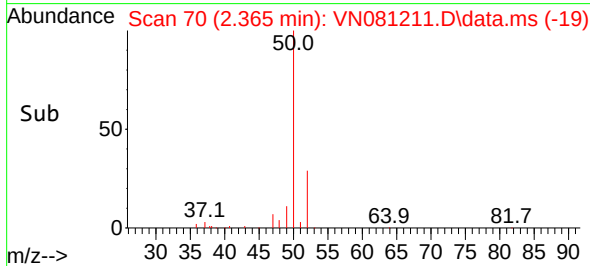
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 50 Resp: 73948  
Ion Ratio Lower Upper  
50 100  
52 28.7 25.0 37.4

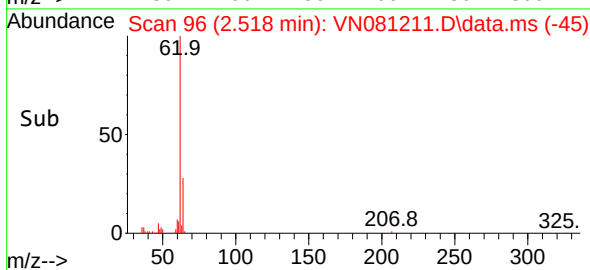
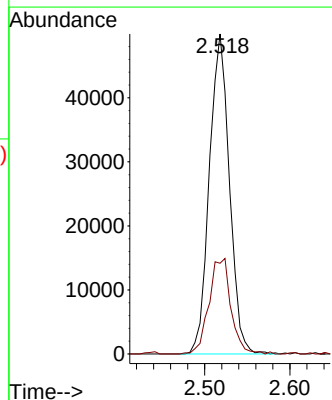
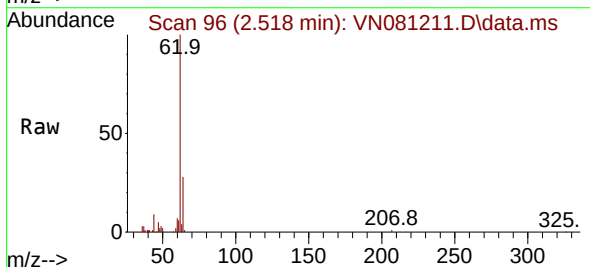
Manual Integrations  
APPROVED

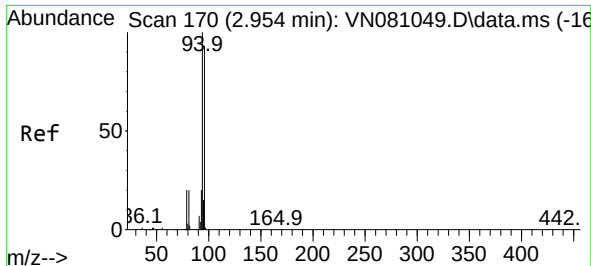
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#4  
Vinyl Chloride  
Concen: 20.666 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

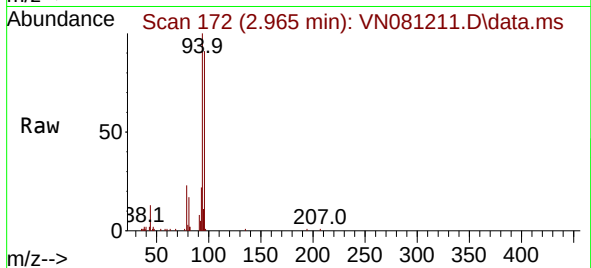
Tgt Ion: 62 Resp: 81898  
Ion Ratio Lower Upper  
62 100  
64 28.3 22.7 34.1





#5  
Bromomethane  
Concen: 19.085 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

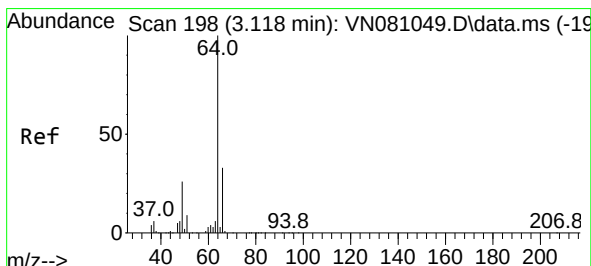
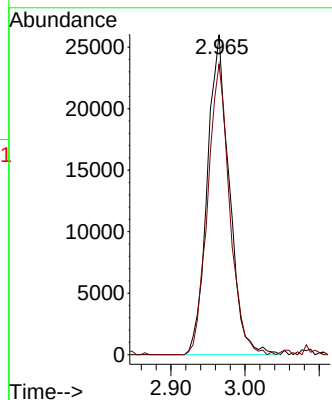
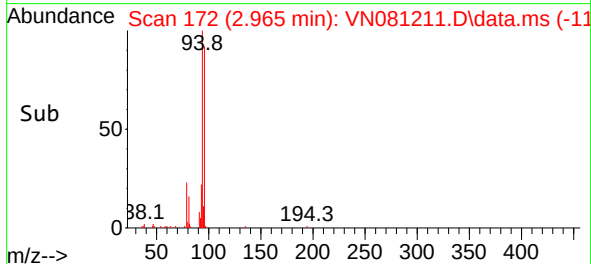
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 94 Resp: 53720  
Ion Ratio Lower Upper  
94 100  
96 90.8 69.2 103.8

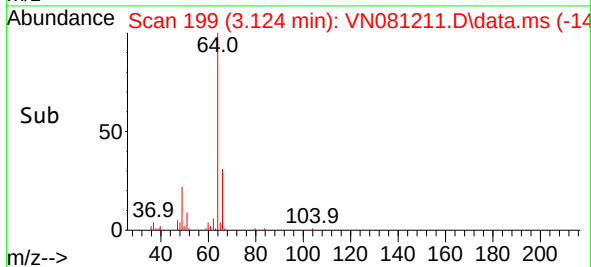
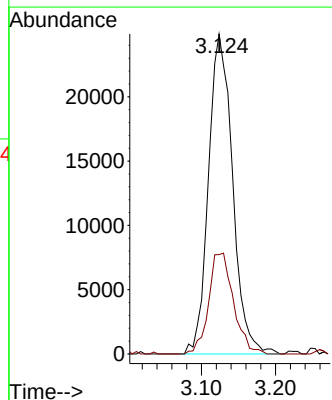
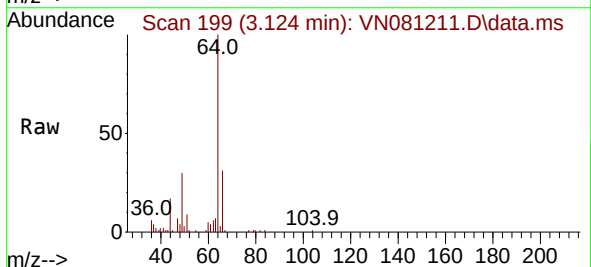
Manual Integrations  
APPROVED

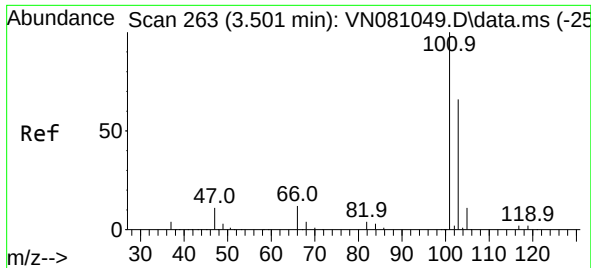
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#6  
Chloroethane  
Concen: 21.446 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

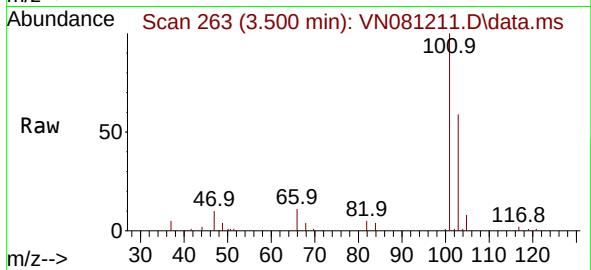
Tgt Ion: 64 Resp: 56241  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.4 39.6





#7  
Trichlorofluoromethane  
Concen: 21.750 ug/l  
RT: 3.500 min Scan# 263  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

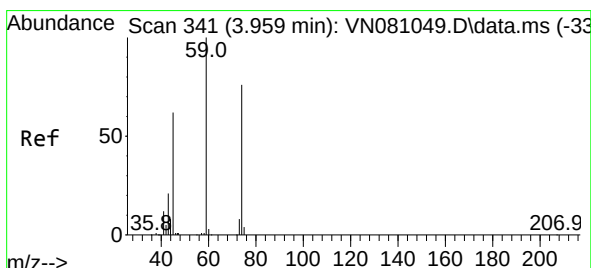
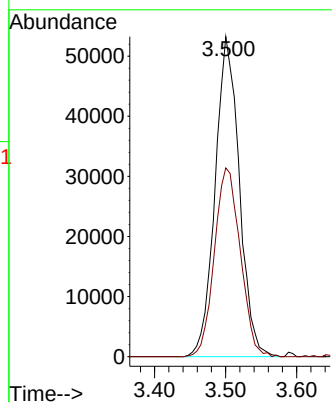
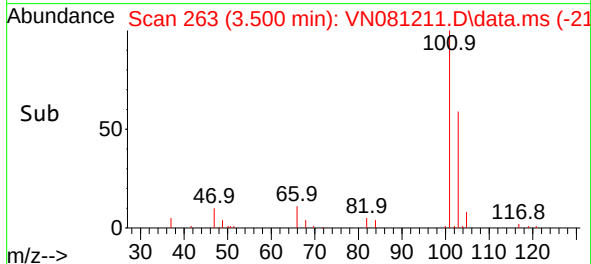
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:101 Resp: 12592  
Ion Ratio Lower Upper  
101 100  
103 59.0 54.4 81.6

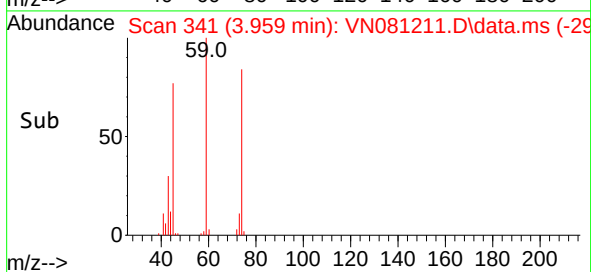
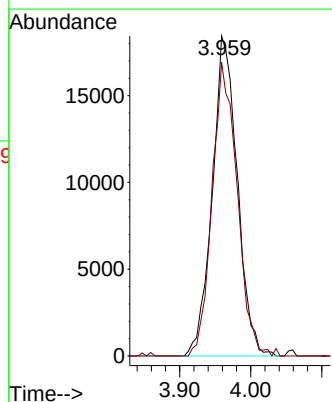
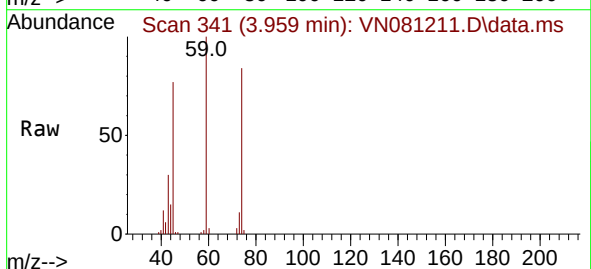
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

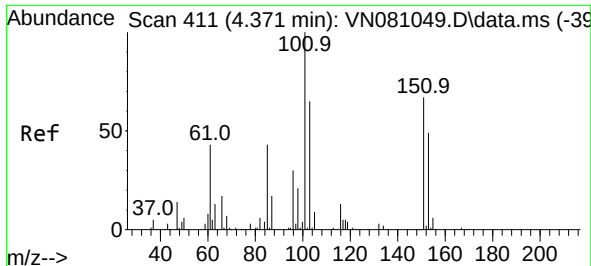


#8  
Diethyl Ether  
Concen: 21.273 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 74 Resp: 45029  
Ion Ratio Lower Upper  
74 100  
45 92.2 53.3 159.9







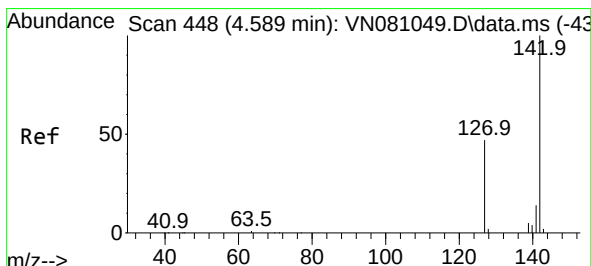
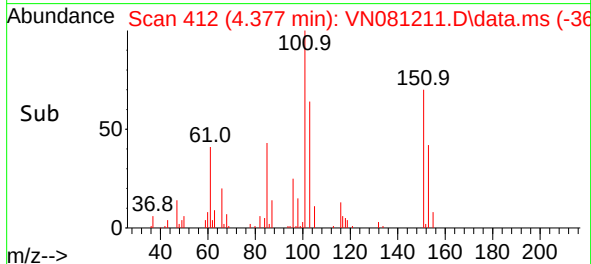
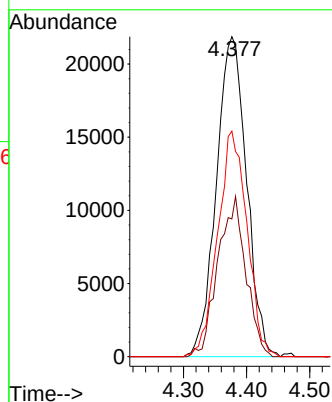
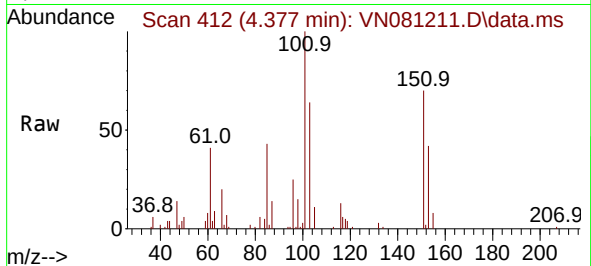
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.538 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion:101 Resp: 7274  
Ion Ratio Lower Upper  
101 100  
85 46.3 38.1 57.1  
151 68.6 49.1 73.7

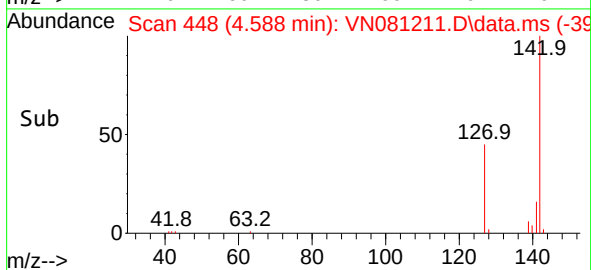
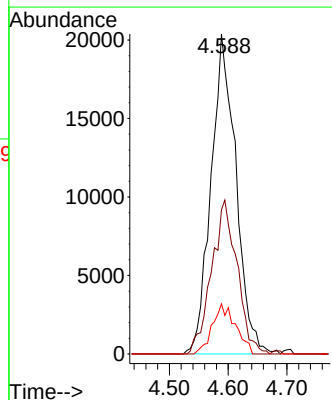
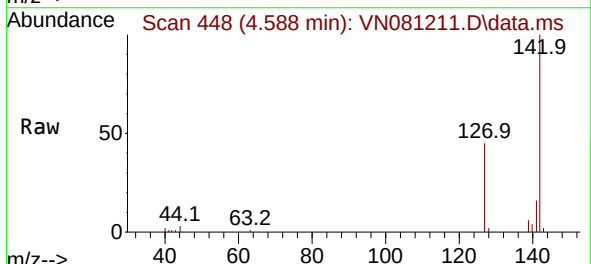
Manual Integrations  
APPROVED

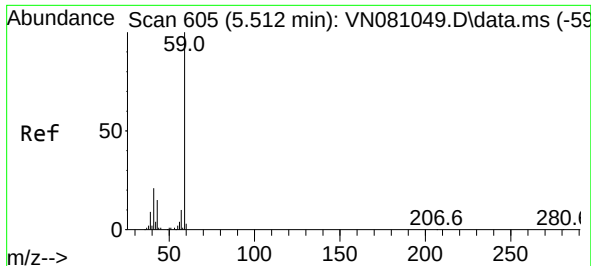
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#10  
Methyl Iodide  
Concen: 16.648 ug/l  
RT: 4.588 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

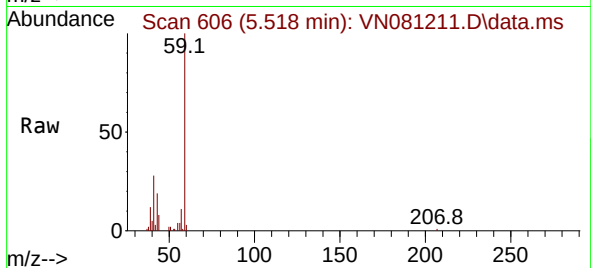
Tgt Ion:142 Resp: 59977  
Ion Ratio Lower Upper  
142 100  
127 45.1 37.0 55.4  
141 15.7 12.5 18.7





#11  
Tert butyl alcohol  
Concen: 108.958 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

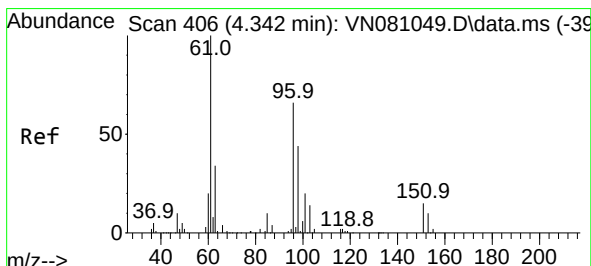
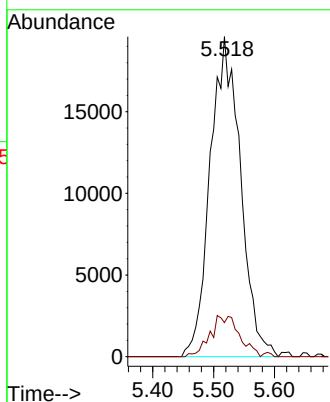
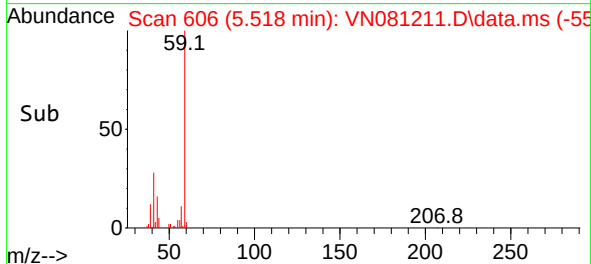
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 59 Resp: 67758  
Ion Ratio Lower Upper  
59 100  
57 6.5 8.6 12.8

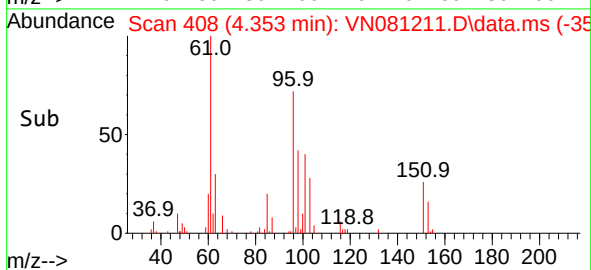
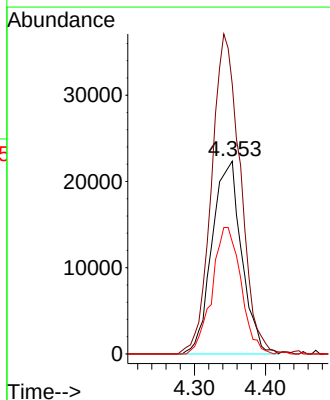
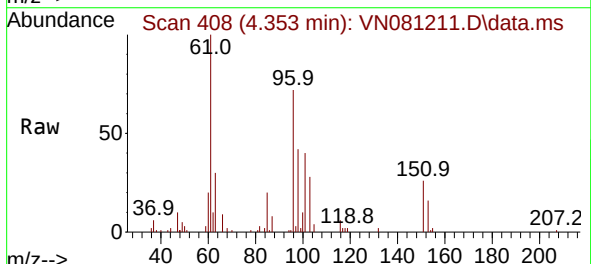
Manual Integrations  
APPROVED

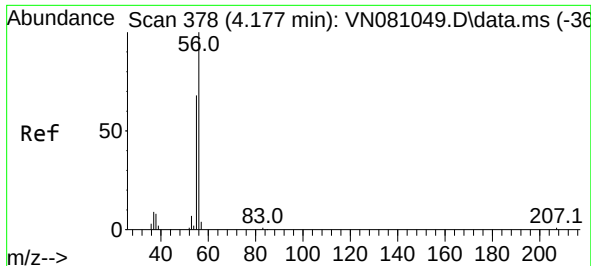
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#12  
1,1-Dichloroethene  
Concen: 20.734 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

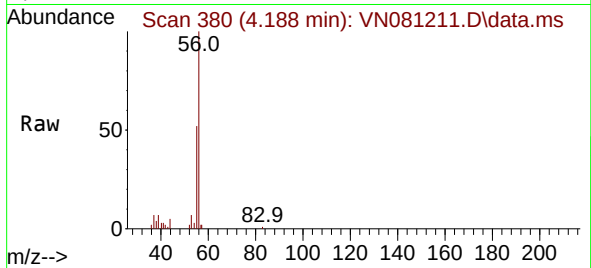
Tgt Ion: 96 Resp: 64686  
Ion Ratio Lower Upper  
96 100  
61 139.8 138.2 207.4  
98 58.1 49.2 73.8





#13  
Acrolein  
Concen: 102.325 ug/l  
RT: 4.188 min Scan# 378  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

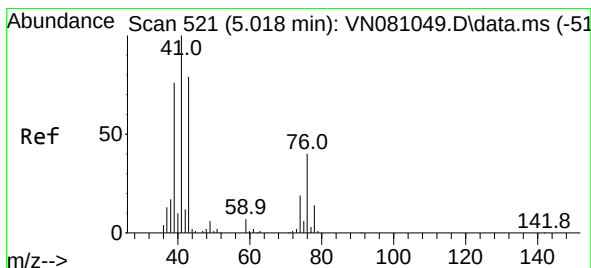
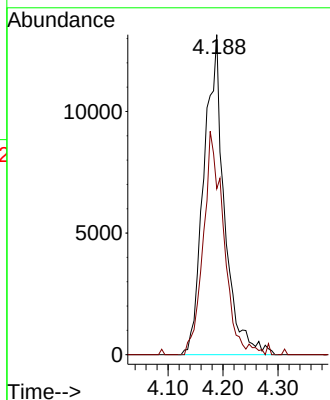
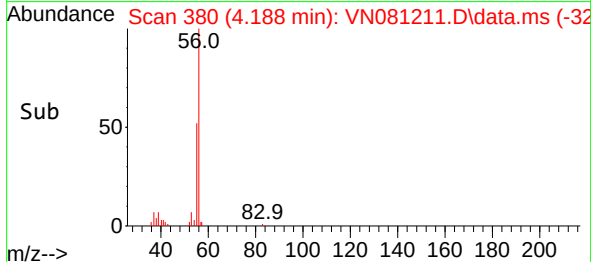
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 56 Resp: 34100  
Ion Ratio Lower Upper  
56 100  
55 68.0 55.3 82.9

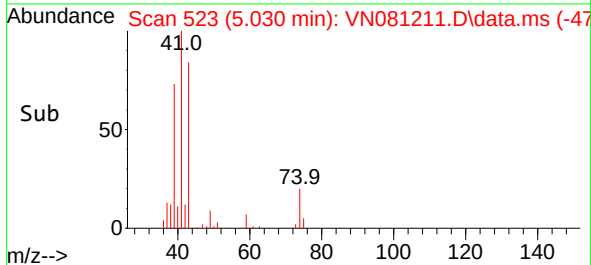
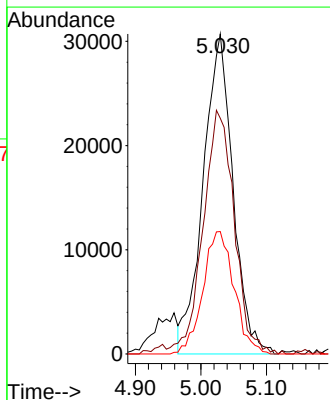
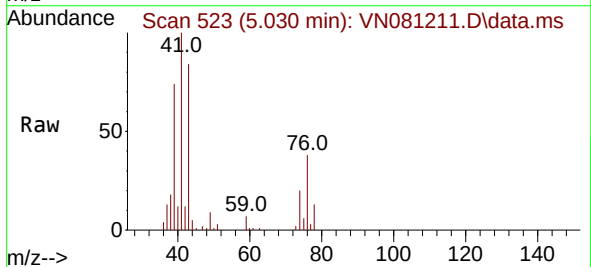
Manual Integrations  
APPROVED

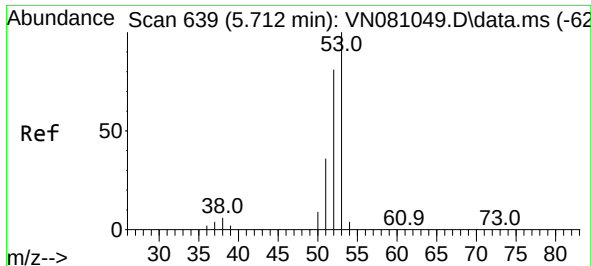
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#14  
Allyl chloride  
Concen: 20.932 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

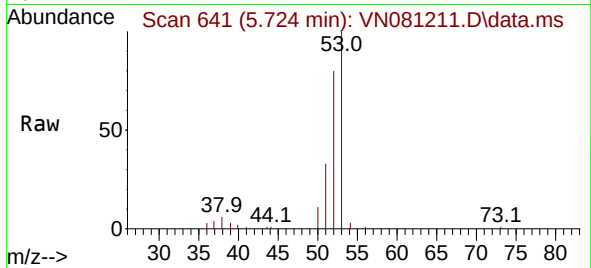
Tgt Ion: 41 Resp: 96896  
Ion Ratio Lower Upper  
41 100  
39 79.8 57.7 86.5  
76 40.1 26.8 40.2





#15  
Acrylonitrile  
Concen: 115.999 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

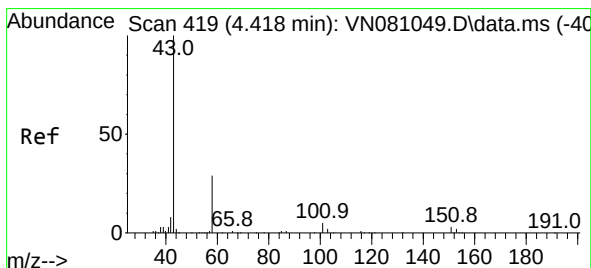
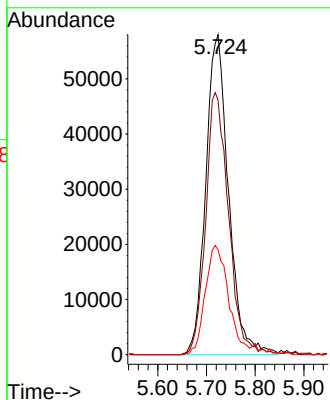
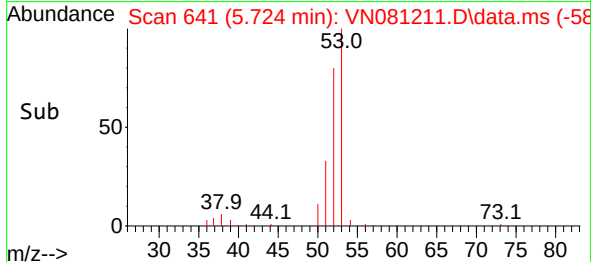
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 53 Resp: 188397  
Ion Ratio Lower Upper  
53 100  
52 82.1 64.8 97.2  
51 34.7 26.9 40.3

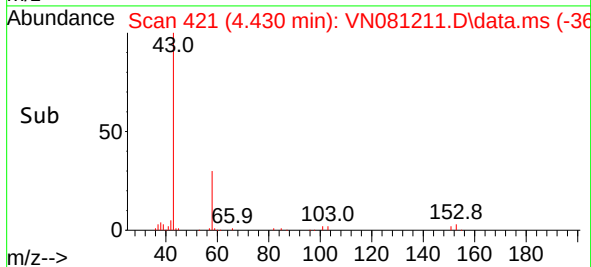
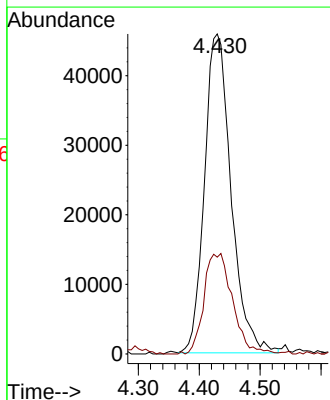
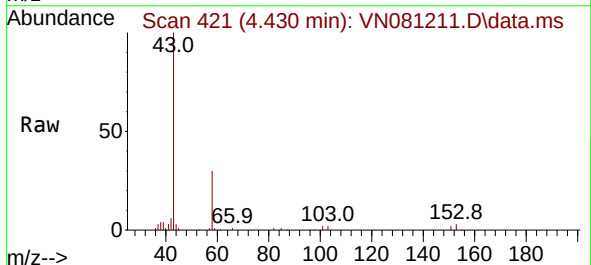
Manual Integrations  
APPROVED

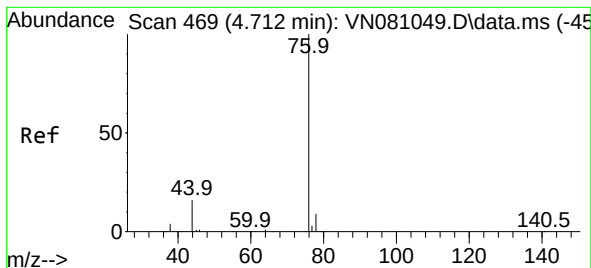
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#16  
Acetone  
Concen: 104.582 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 43 Resp: 139151  
Ion Ratio Lower Upper  
43 100  
58 30.4 24.8 37.2





#17

Carbon Disulfide

Concen: 17.801 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 76 Resp: 15490

Ion Ratio Lower Upper

76 100

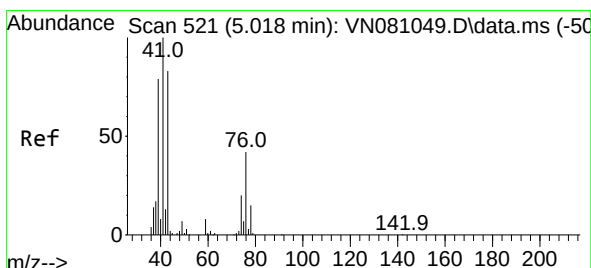
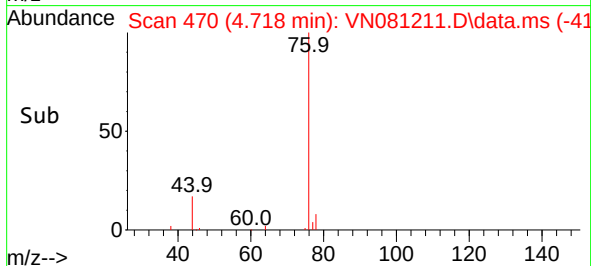
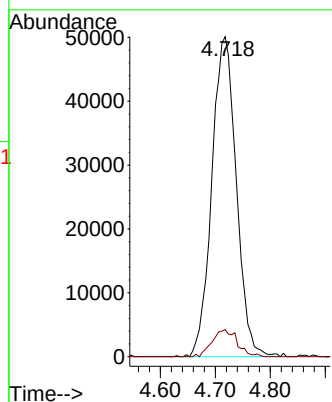
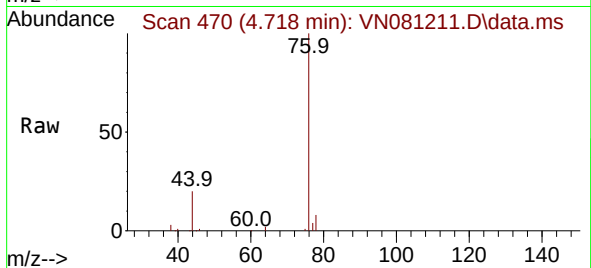
78 8.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#18

Methyl Acetate

Concen: 27.287 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081211.D

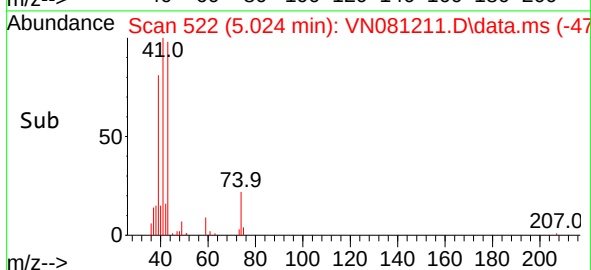
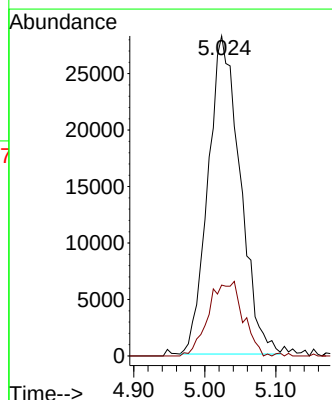
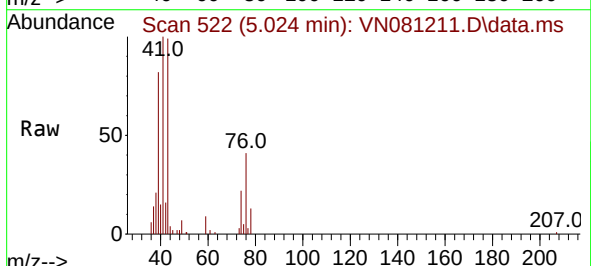
Acq: 27 Feb 2024 11:44

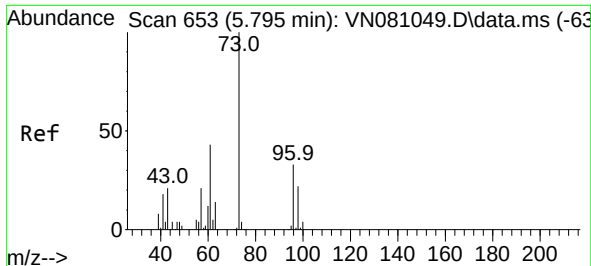
Tgt Ion: 43 Resp: 88570

Ion Ratio Lower Upper

43 100

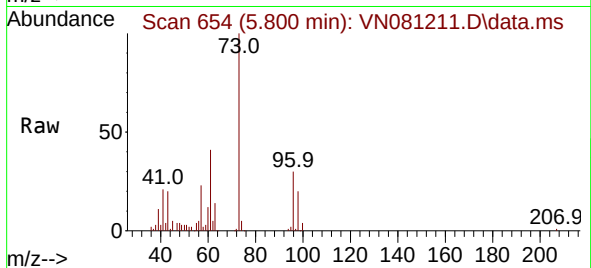
74 25.1 17.3 25.9





#19  
Methyl tert-butyl Ether  
Concen: 22.150 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

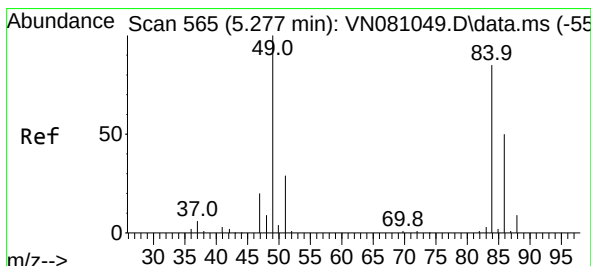
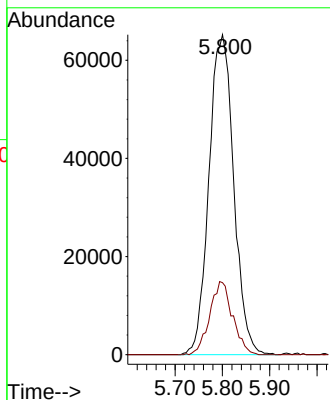
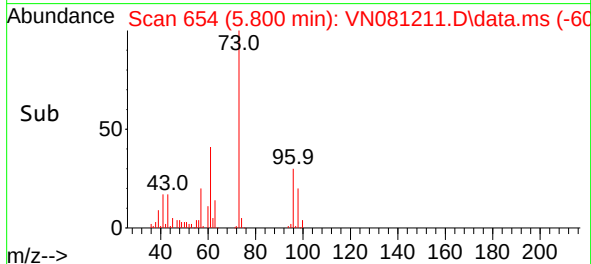
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 73 Resp: 23667  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.2 27.4

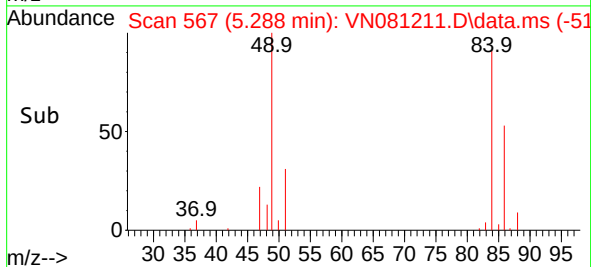
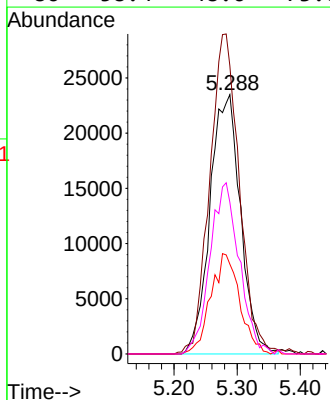
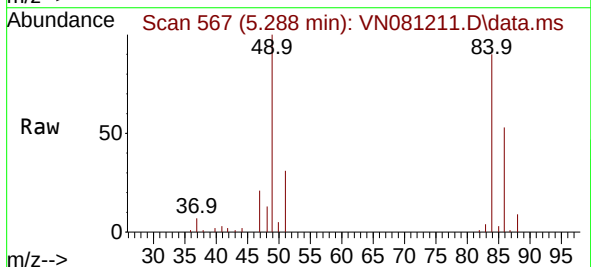
Manual Integrations  
APPROVED

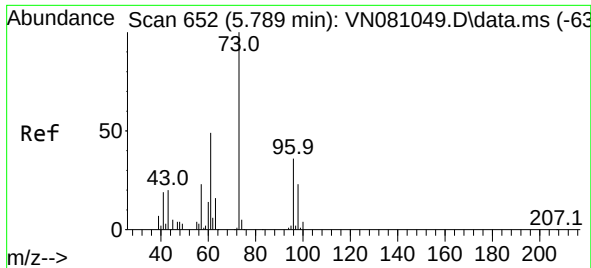
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#20  
Methylene Chloride  
Concen: 22.414 ug/l  
RT: 5.288 min Scan# 567  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

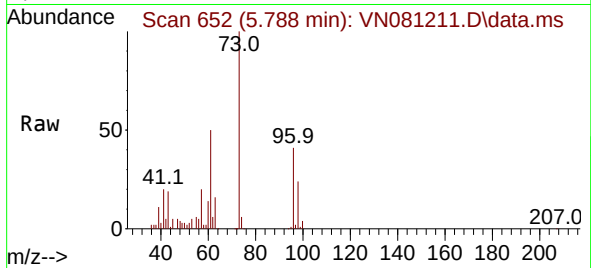
Tgt Ion: 84 Resp: 78916  
Ion Ratio Lower Upper  
84 100  
49 110.4 108.1 162.1  
51 34.6 32.9 49.3  
86 58.4 48.6 73.0





#21  
trans-1,2-Dichloroethene  
Concen: 20.681 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

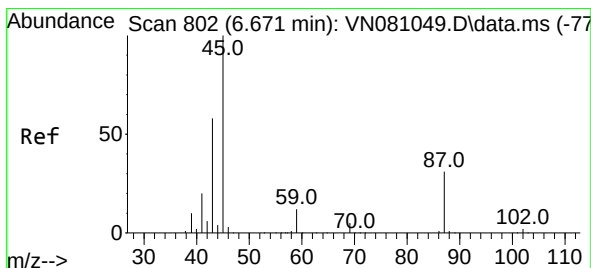
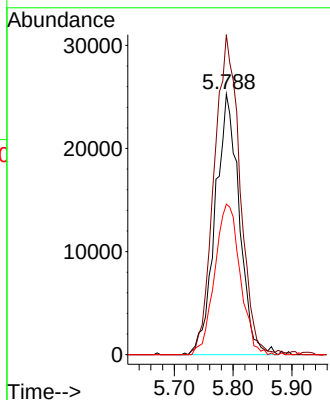
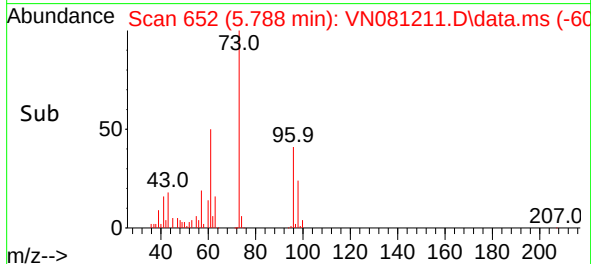
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



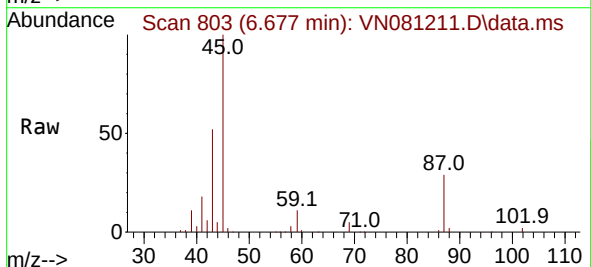
Tgt Ion: 96 Resp: 71988  
Ion Ratio Lower Upper  
96 100  
61 122.8 112.8 169.2  
98 57.8 51.0 76.4

Manual Integrations  
APPROVED

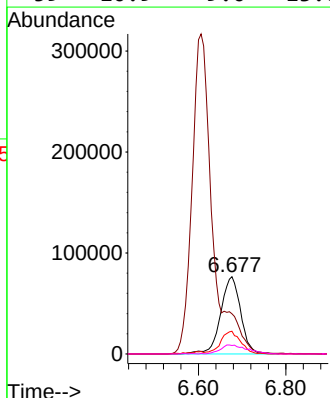
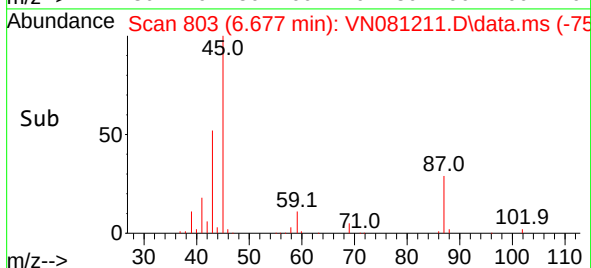
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

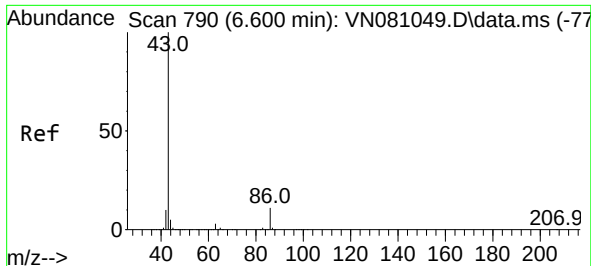


#22  
Diisopropyl ether  
Concen: 23.109 ug/l  
RT: 6.677 min Scan# 803  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



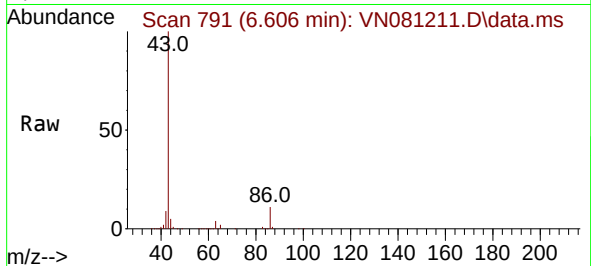
Tgt Ion: 45 Resp: 242665  
Ion Ratio Lower Upper  
45 100  
43 51.1 41.8 62.8  
87 29.5 18.1 27.1#  
59 10.9 9.0 13.6





#23  
 Vinyl Acetate  
 Concen: 108.855 ug/l m  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44

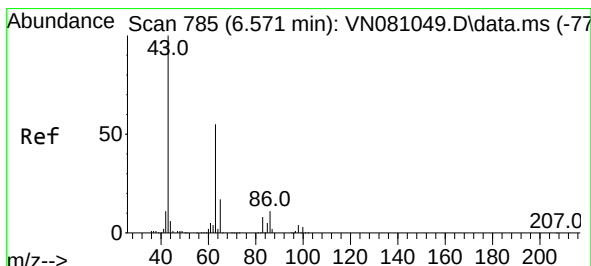
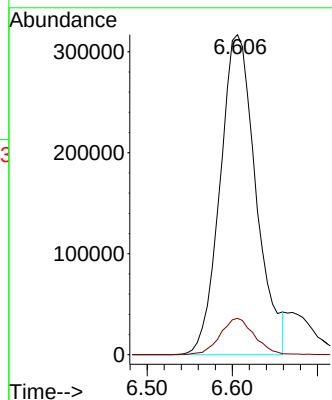
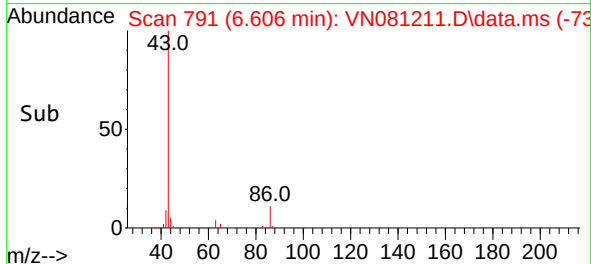
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBS01



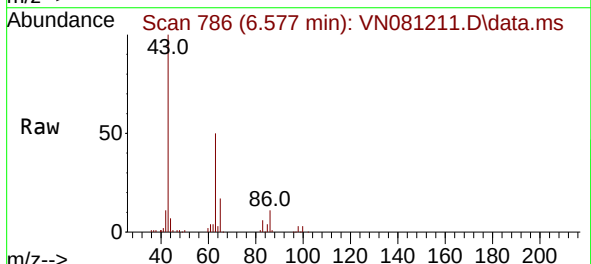
Tgt Ion: 43 Resp: 927414  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 7.1 10.7

Manual Integrations  
 APPROVED

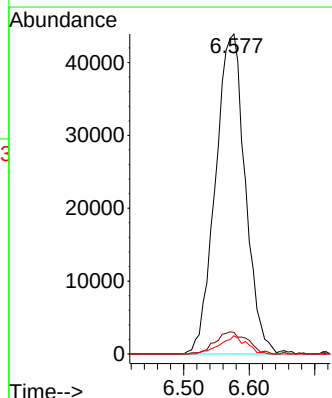
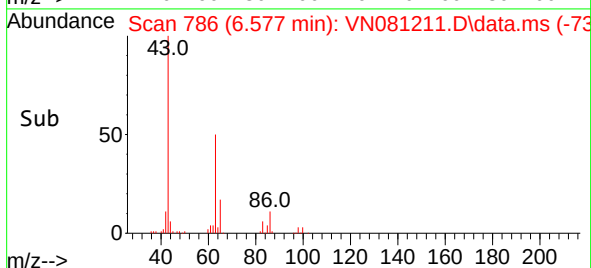
Reviewed By :John Carlone 02/28/2024  
 Supervised By :Semsettin Yesilyurt 02/28/2024



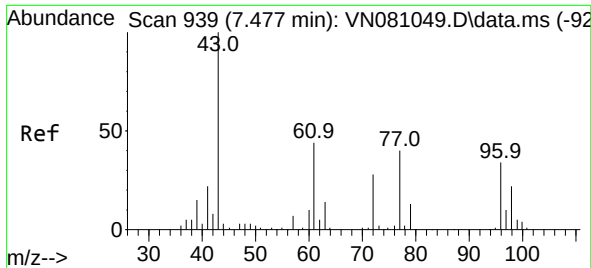
#24  
 1,1-Dichloroethane  
 Concen: 22.780 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.006 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44



Tgt Ion: 63 Resp: 138316  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 2.9 8.6  
 100 5.7 1.9 5.7

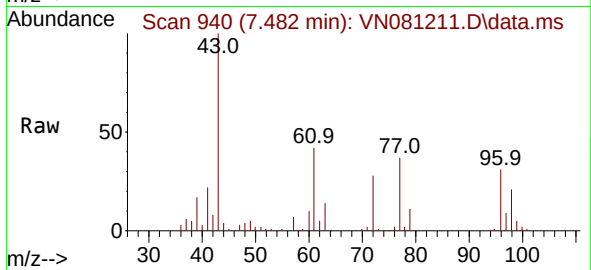






#25  
2-Butanone  
Concen: 113.092 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

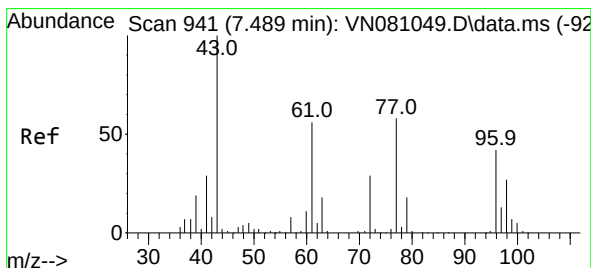
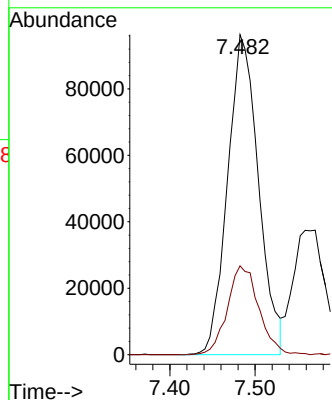
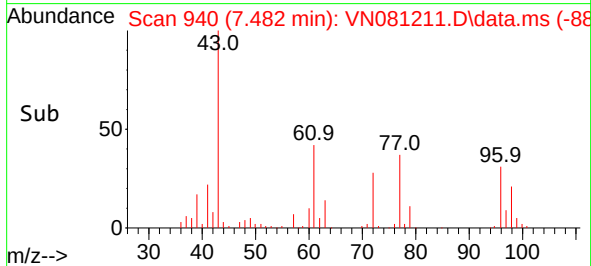
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 43 Resp: 243090  
Ion Ratio Lower Upper  
43 100  
72 27.8 19.5 29.3

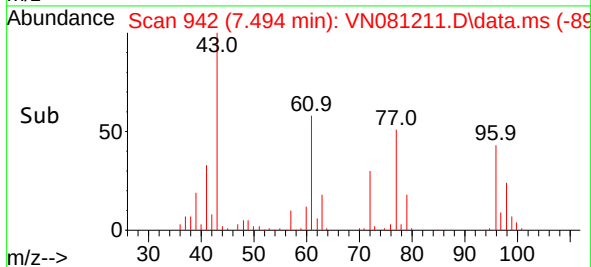
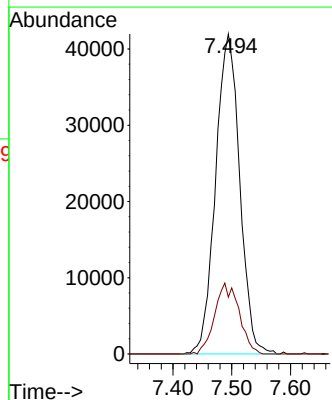
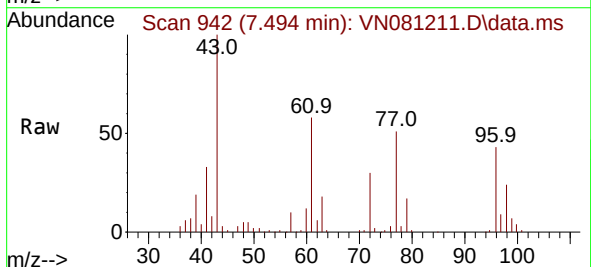
Manual Integrations  
APPROVED

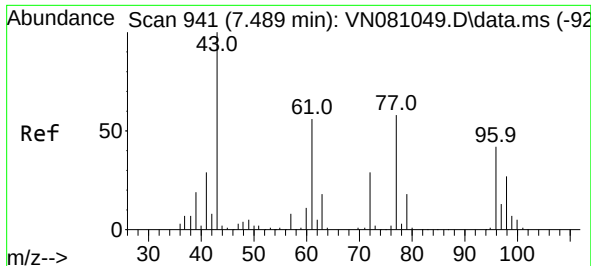
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#26  
2,2-Dichloropropane  
Concen: 21.017 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 77 Resp: 119570  
Ion Ratio Lower Upper  
77 100  
97 22.5 11.5 34.5





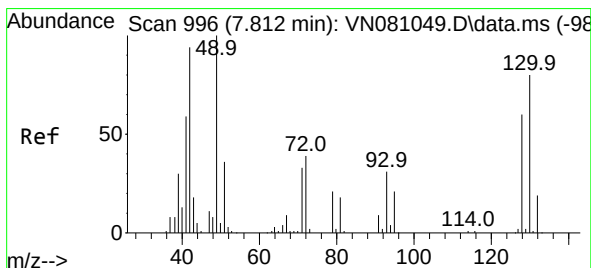
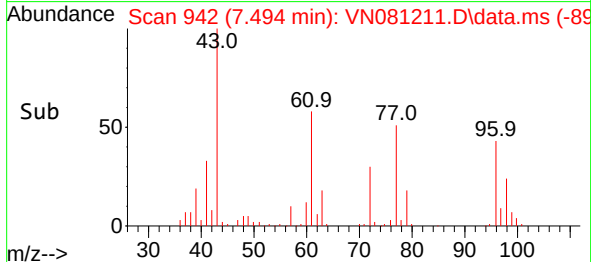
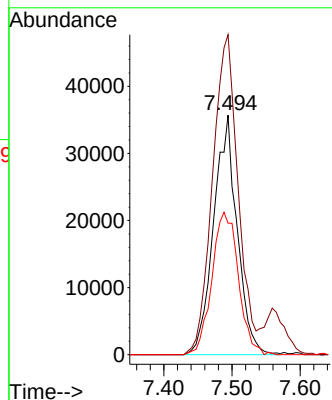
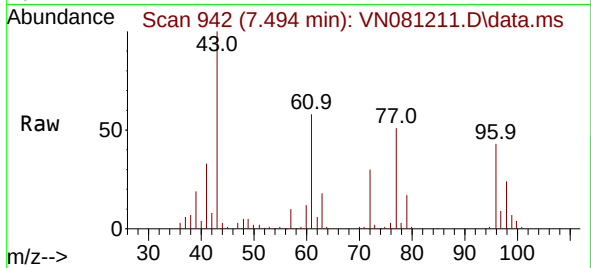
#27  
 cis-1,2-Dichloroethene  
 Concen: 21.204 ug/l  
 RT: 7.494 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBS01

Tgt Ion: 96 Resp: 8575  
 Ion Ratio Lower Upper  
 96 100  
 61 144.3 0.0 325.4  
 98 66.9 0.0 130.4

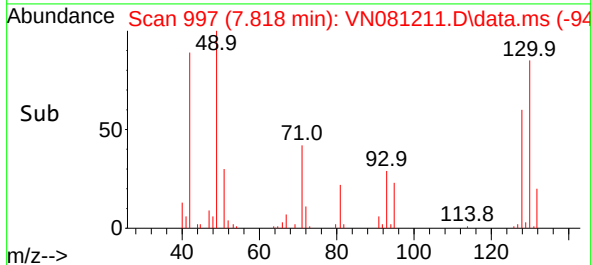
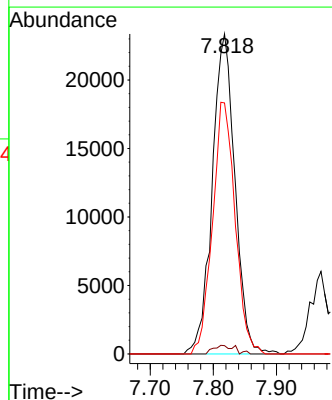
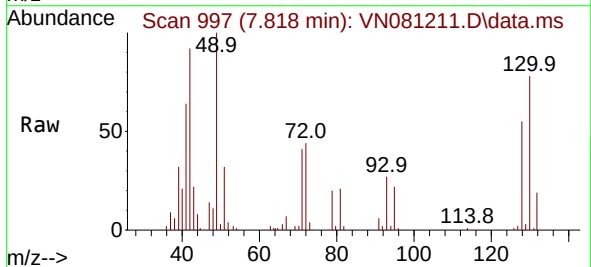
Manual Integrations  
 APPROVED

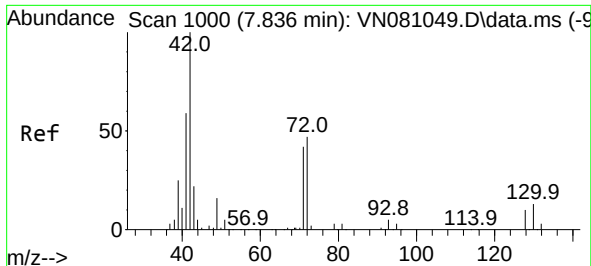
Reviewed By :John Carlone 02/28/2024  
 Supervised By :Semsettin Yesilyurt 02/28/2024



#28  
 Bromochloromethane  
 Concen: 23.217 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44

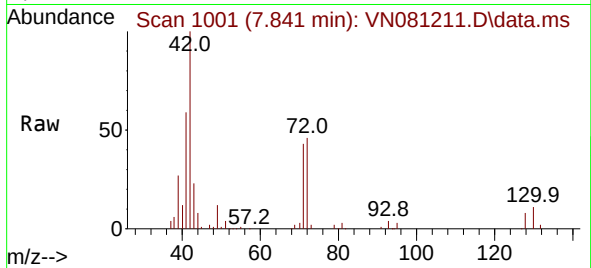
Tgt Ion: 49 Resp: 58441  
 Ion Ratio Lower Upper  
 49 100  
 129 2.5 0.0 1.6#  
 130 78.2 42.3 63.5#





#29  
Tetrahydrofuran  
Concen: 113.611 ug/l  
RT: 7.841 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

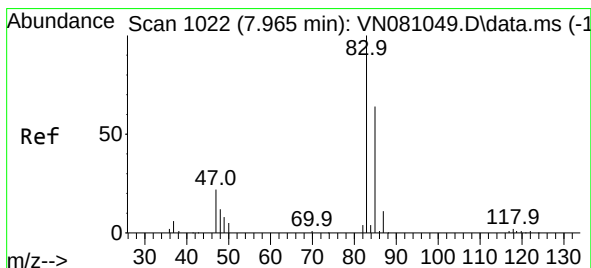
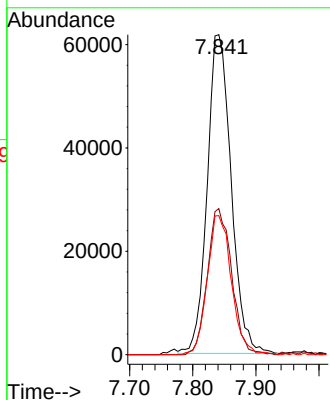
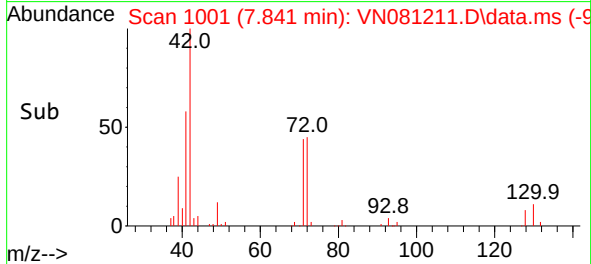
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 42 Resp: 163022  
Ion Ratio Lower Upper  
42 100  
72 46.3 31.1 46.7  
71 43.6 28.3 42.5

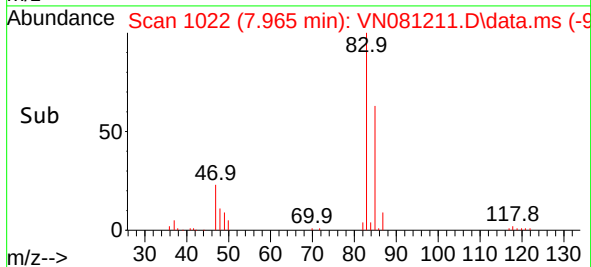
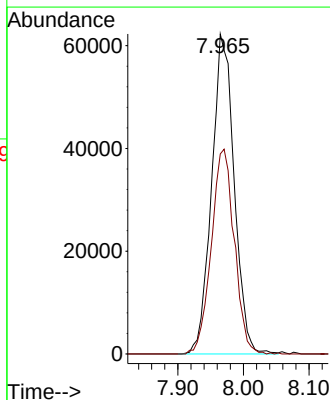
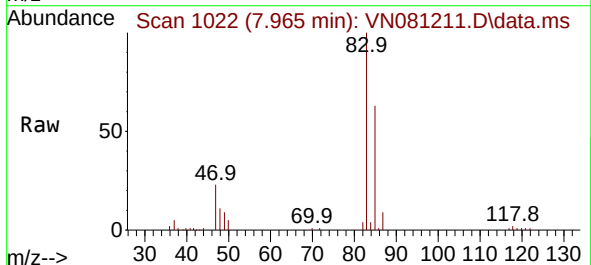
Manual Integrations  
APPROVED

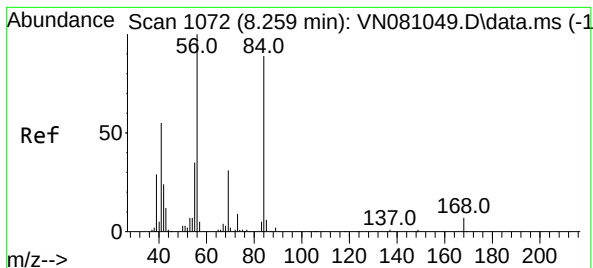
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#30  
Chloroform  
Concen: 22.993 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 83 Resp: 148411  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.0 76.6





#31

Cyclohexane

Concen: 20.669 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 56 Resp: 12068

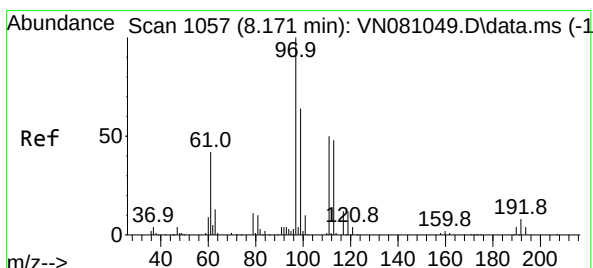
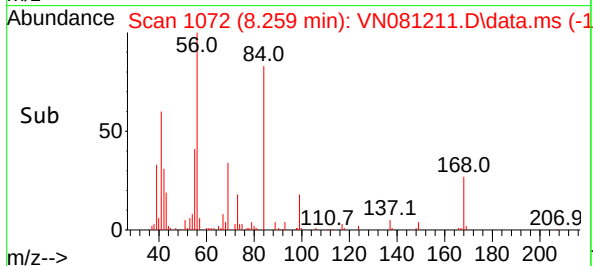
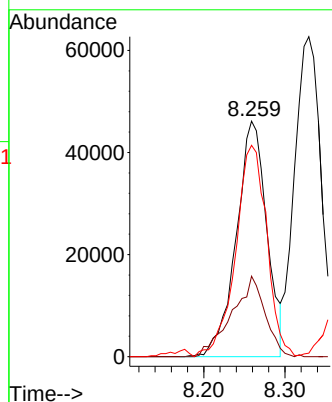
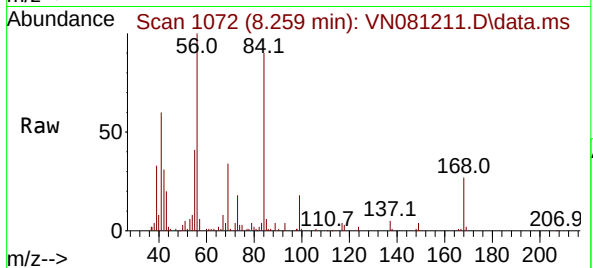
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 34.2  | 20.1  | 30.1  |
| 84  | 87.4  | 56.9  | 85.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#32

1,1,1-Trichloroethane

Concen: 22.096 ug/l

RT: 8.171 min Scan# 1057

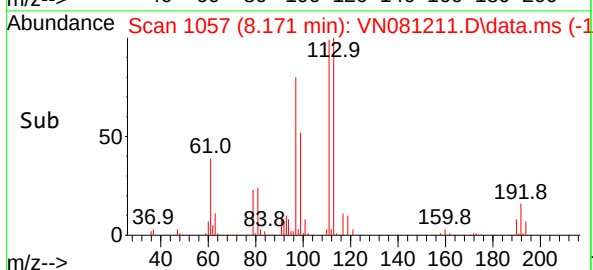
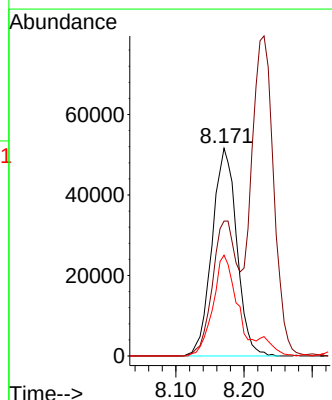
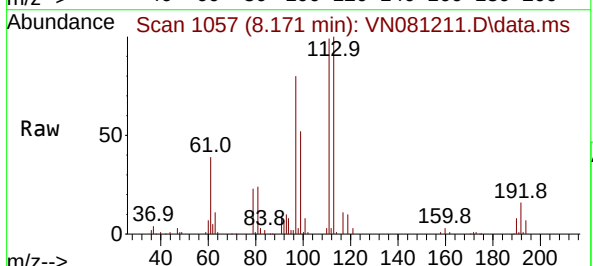
Delta R.T. -0.000 min

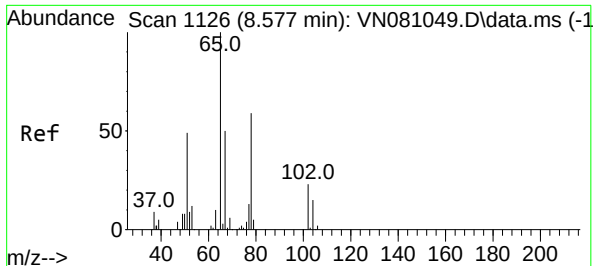
Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion: 97 Resp: 129890

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.0  | 53.4  | 80.0  |
| 61  | 47.7  | 43.8  | 65.8  |





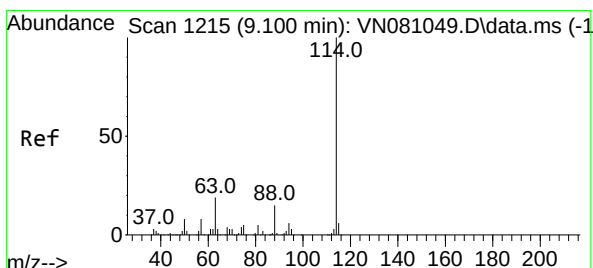
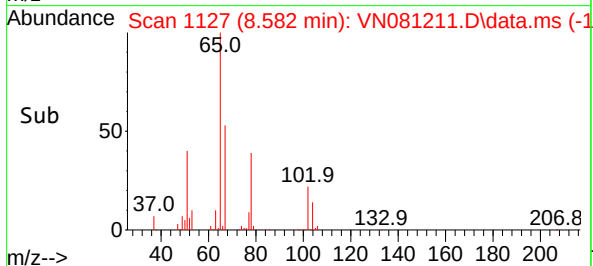
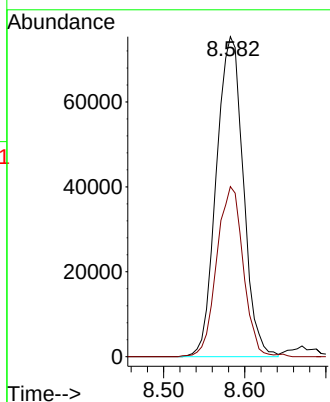
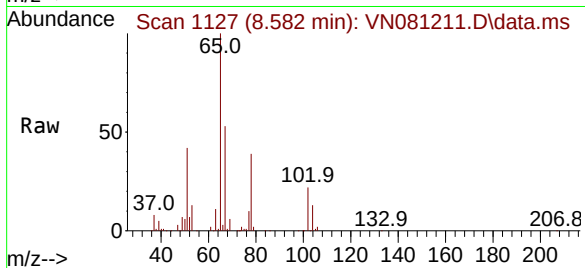
#33  
1,2-Dichloroethane-d4  
Concen: 51.385 ug/l  
RT: 8.582 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion: 65 Resp: 173759  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 102.4

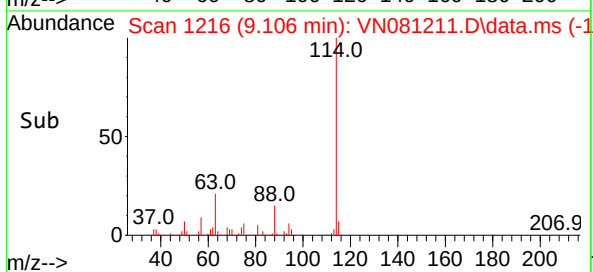
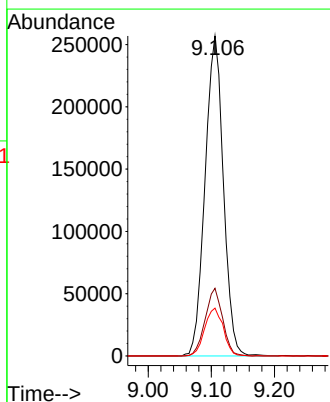
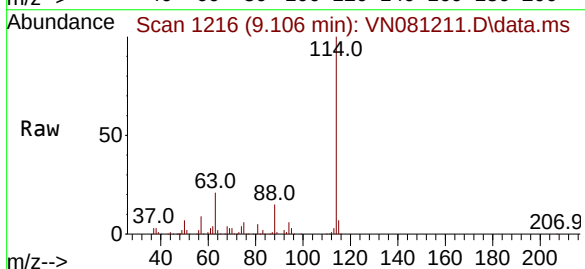
Manual Integrations  
APPROVED

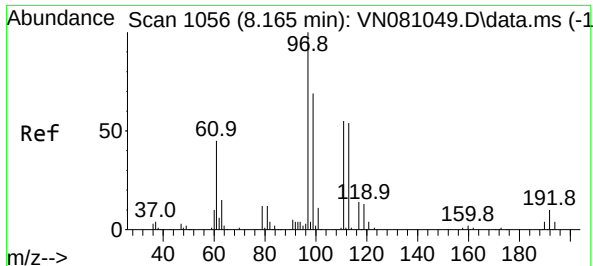
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:114 Resp: 517796  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 48.0  
88 15.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.136 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion:113 Resp: 149725

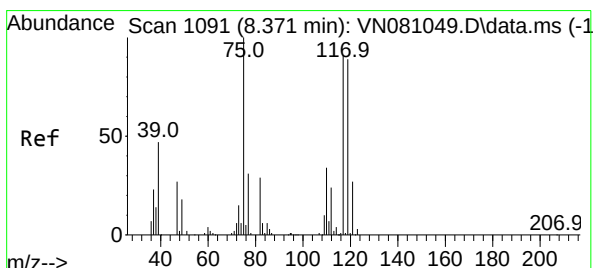
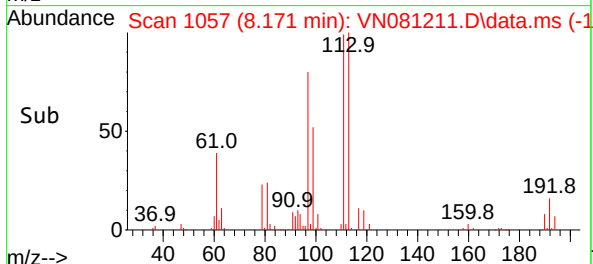
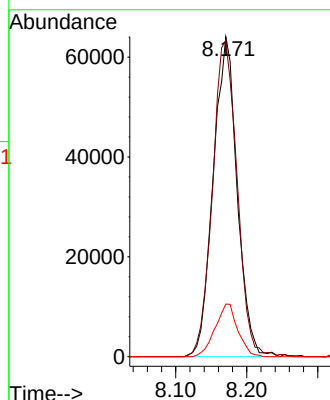
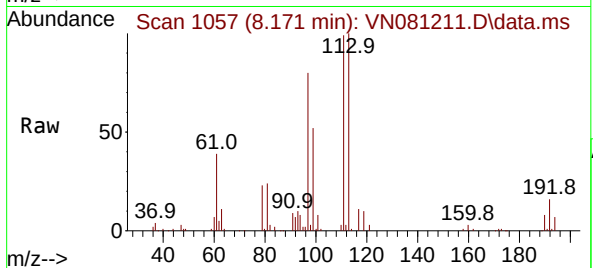
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 101.8 | 82.2  | 123.4 |
| 192 | 15.6  | 12.5  | 18.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#36

1,1-Dichloropropene

Concen: 20.853 ug/l

RT: 8.376 min Scan# 1092

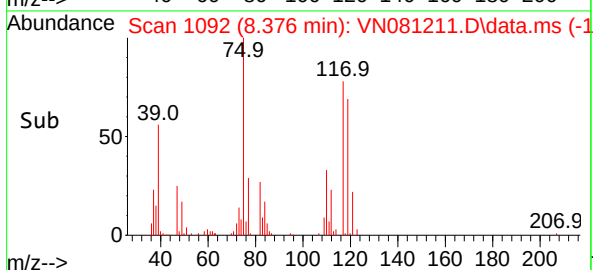
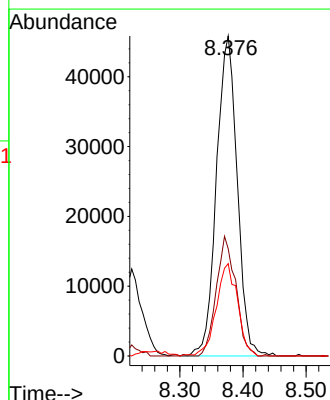
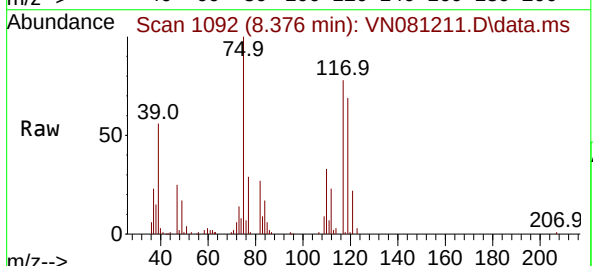
Delta R.T. 0.006 min

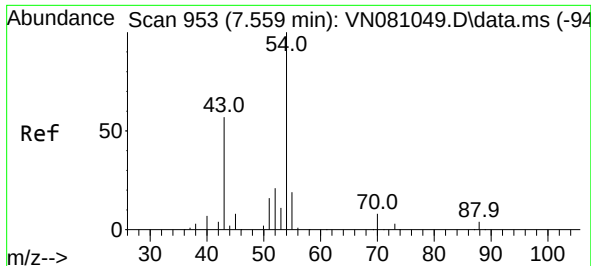
Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 104602

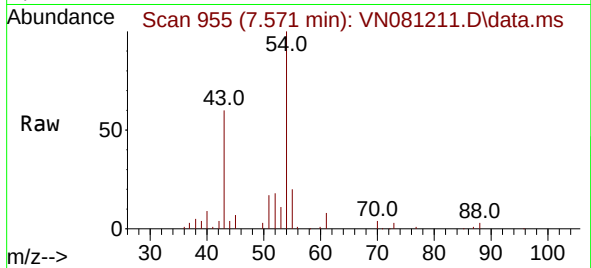
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 35.1  | 16.0  | 48.0  |
| 77  | 29.6  | 25.8  | 38.6  |





#37  
Ethyl Acetate  
Concen: 22.845 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

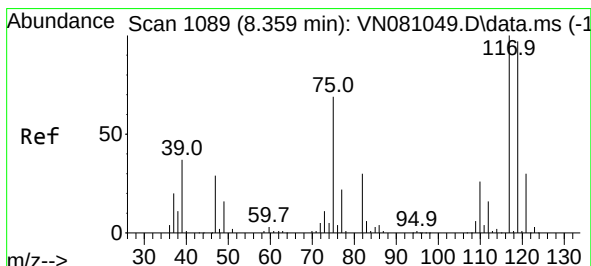
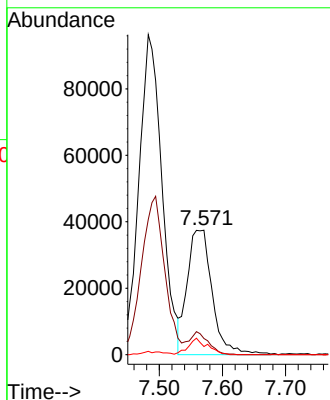
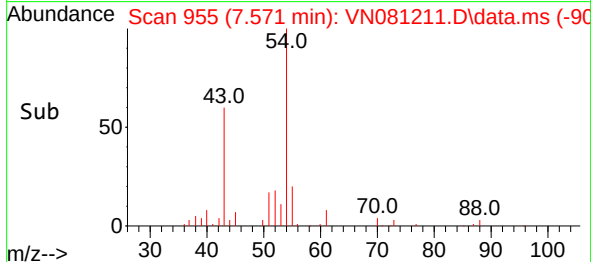
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 43 Resp: 103429  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.6 15.8  
70 9.9 8.0 12.0

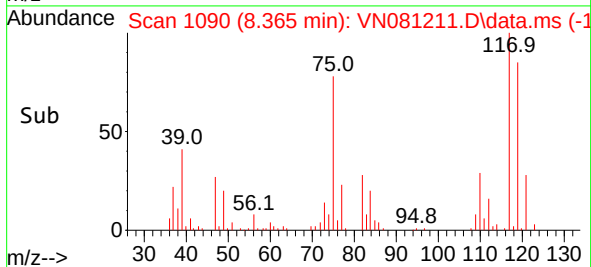
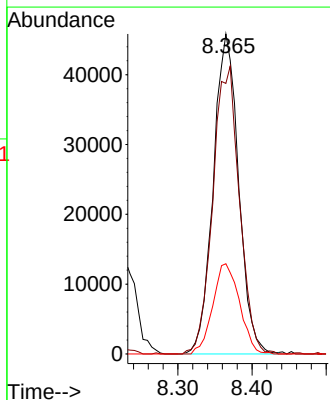
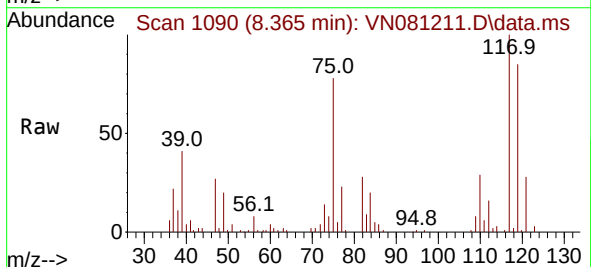
Manual Integrations  
APPROVED

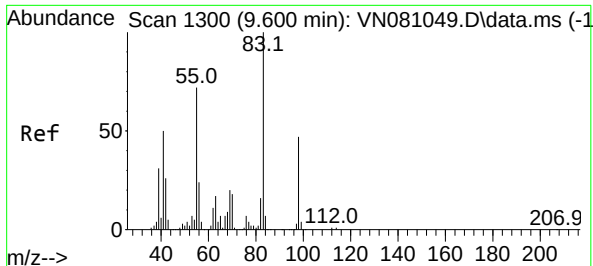
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#38  
Carbon Tetrachloride  
Concen: 21.420 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:117 Resp: 108710  
Ion Ratio Lower Upper  
117 100  
119 84.5 73.4 110.2  
121 28.2 24.4 36.6





#39

Methylcyclohexane

Concen: 20.129 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

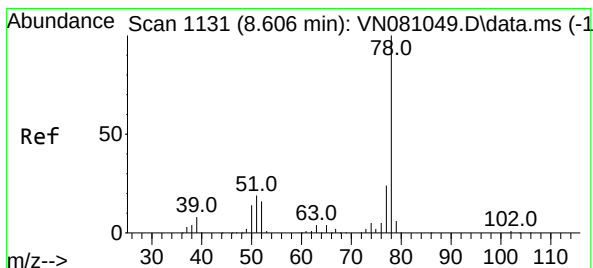
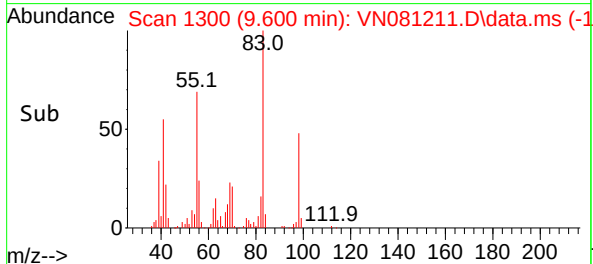
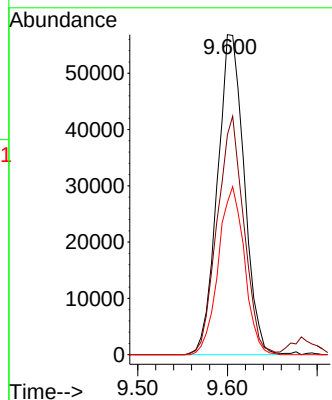
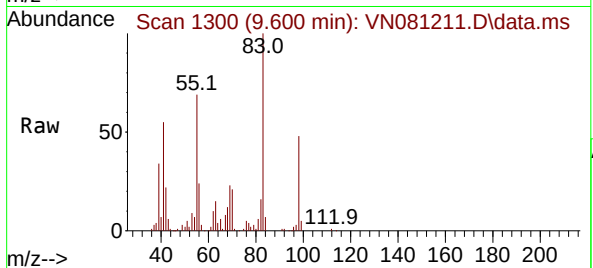
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 11770 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 68.7     | 65.7 98.5   |
| 98 47.6     | 33.8 50.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#40

Benzene

Concen: 21.676 ug/l

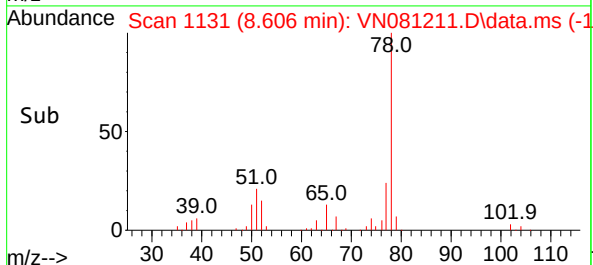
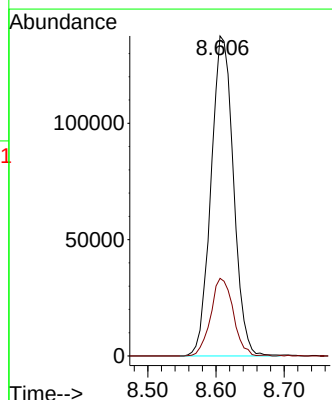
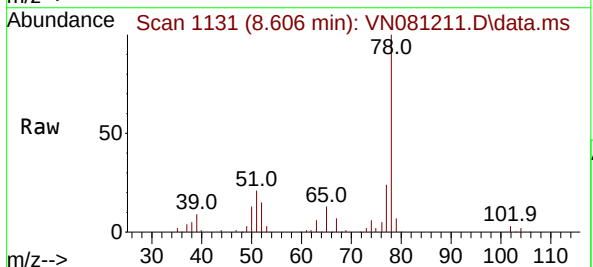
RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

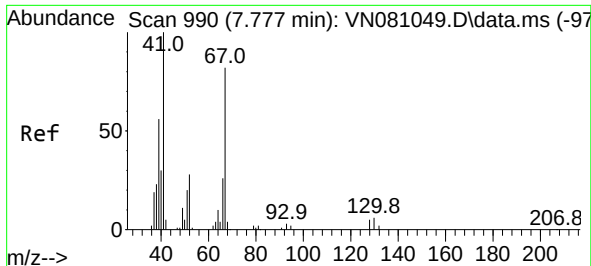
Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

|             |              |
|-------------|--------------|
| Tgt Ion: 78 | Resp: 314728 |
| Ion Ratio   | Lower Upper  |
| 78 100      |              |
| 77 24.3     | 20.4 30.6    |

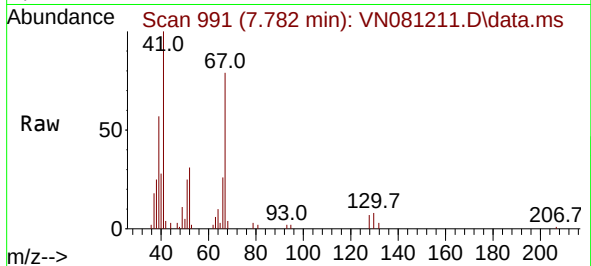






#41  
Methacrylonitrile  
Concen: 23.584 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

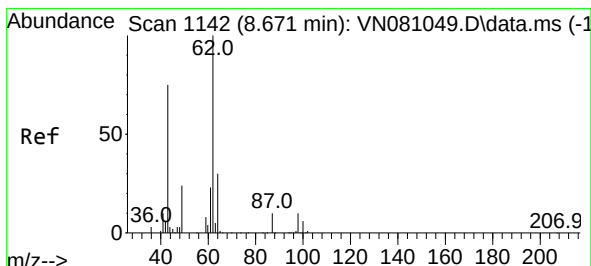
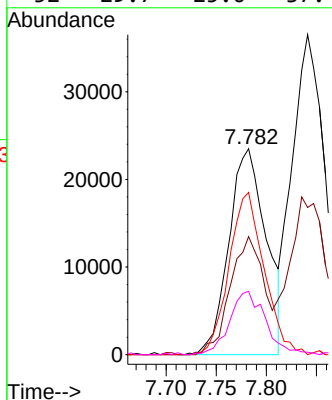
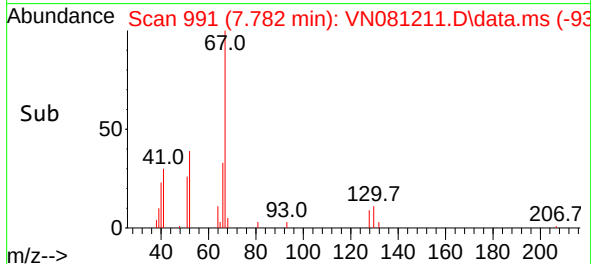
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 41 Resp: 60760  
Ion Ratio Lower Upper  
41 100  
39 51.9 48.4 72.6  
67 74.3 56.8 85.2  
52 29.7 25.0 37.4

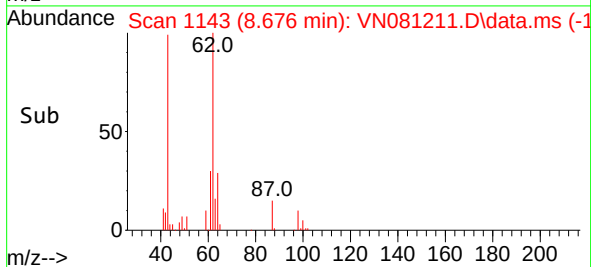
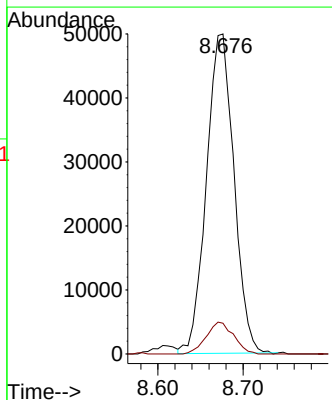
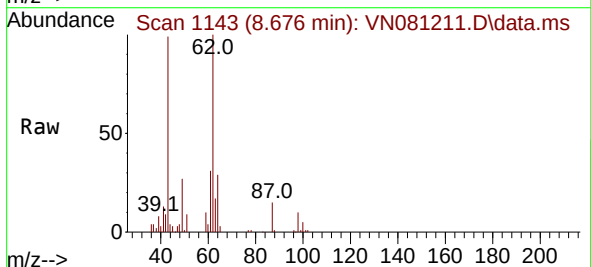
Manual Integrations  
APPROVED

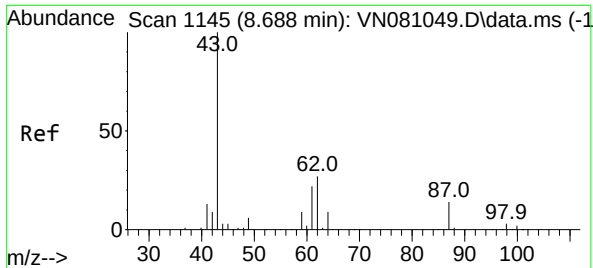
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#42  
1,2-Dichloroethane  
Concen: 22.111 ug/l  
RT: 8.676 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

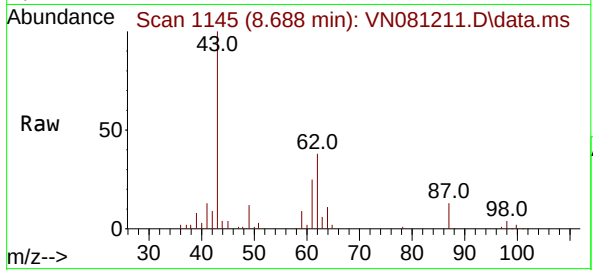
Tgt Ion: 62 Resp: 112006  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 18.0





#43  
Isopropyl Acetate  
Concen: 22.146 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

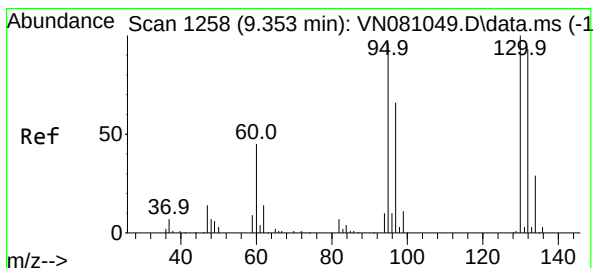
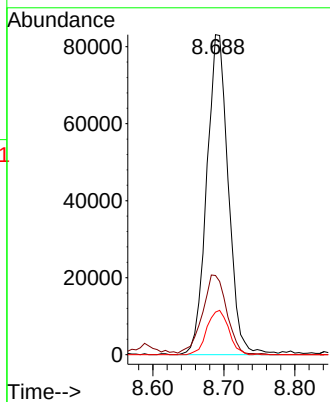
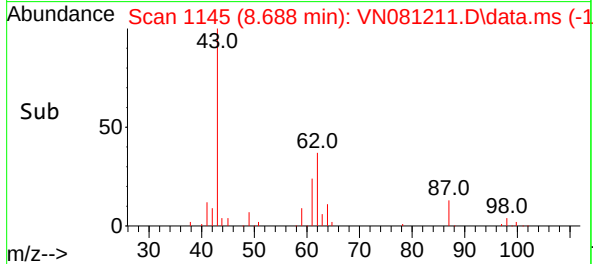
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



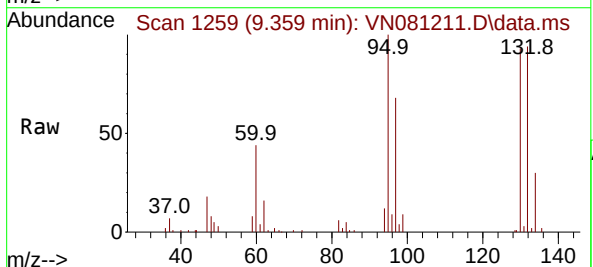
Tgt Ion: 43 Resp: 175350  
Ion Ratio Lower Upper  
43 100  
61 28.5 19.9 29.9  
87 14.0 9.0 13.6

Manual Integrations  
APPROVED

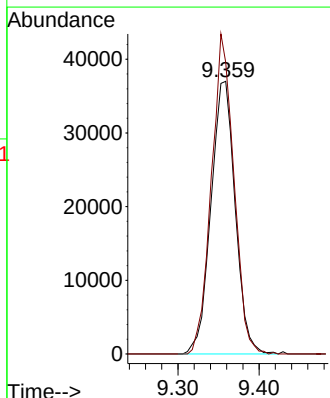
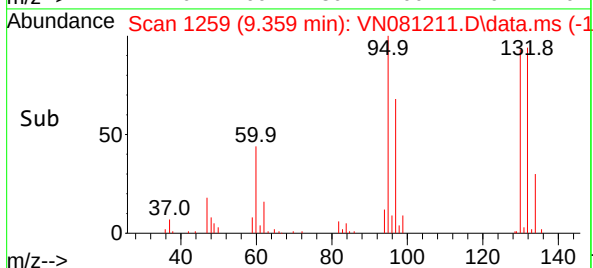
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

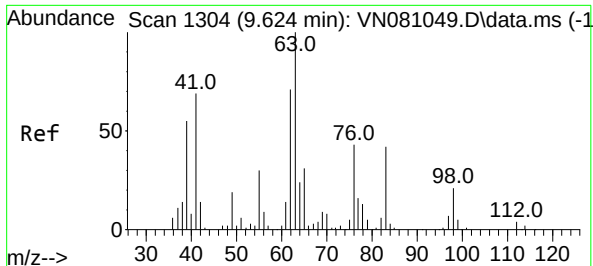


#44  
Trichloroethene  
Concen: 19.854 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



Tgt Ion:130 Resp: 76779  
Ion Ratio Lower Upper  
130 100  
95 107.0 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.640 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 63 Resp: 82228

Ion Ratio Lower Upper

63 100

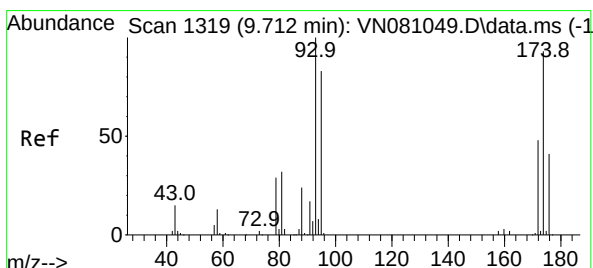
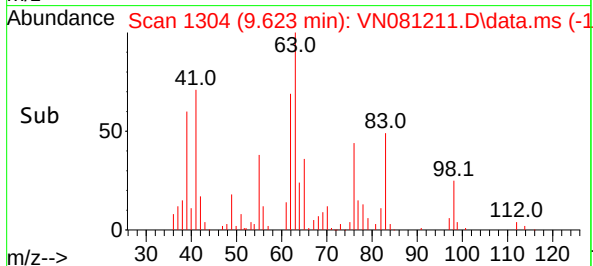
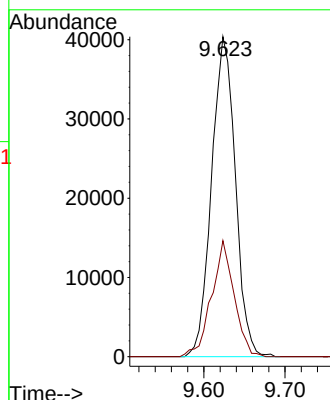
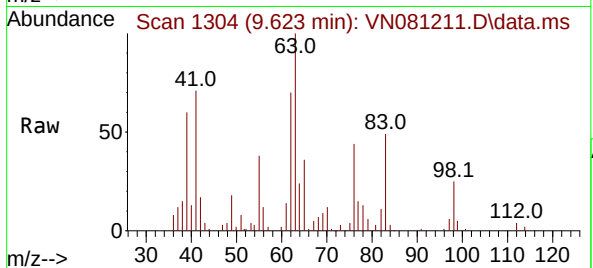
65 36.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#46

Dibromomethane

Concen: 22.153 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

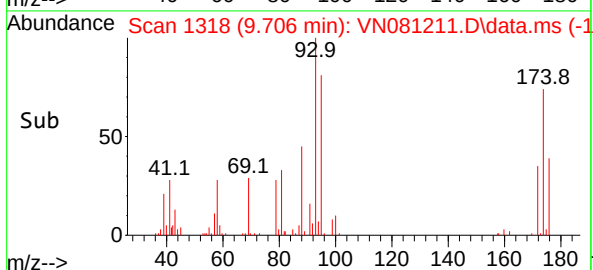
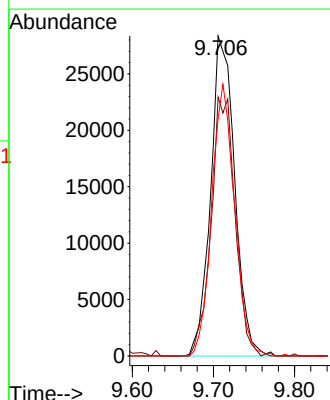
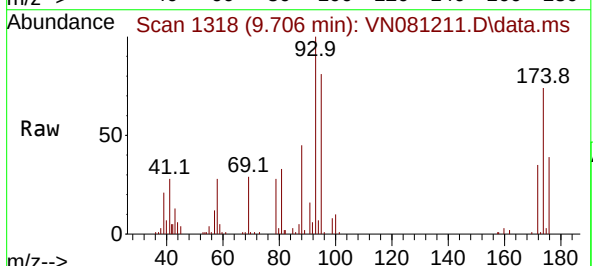
Tgt Ion: 93 Resp: 58623

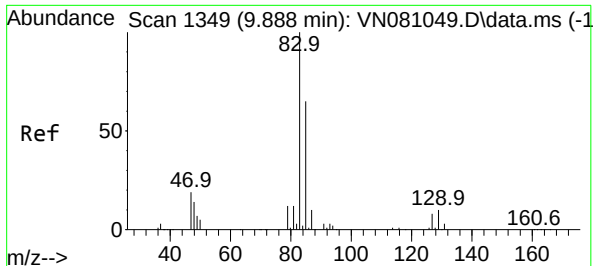
Ion Ratio Lower Upper

93 100

95 80.5 68.1 102.1

174 80.9 57.2 85.8





#47

Bromodichloromethane

Concen: 22.551 ug/l

RT: 9.888 min Scan# 11302

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 83 Resp: 11302

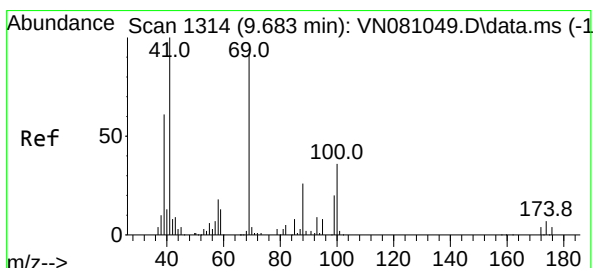
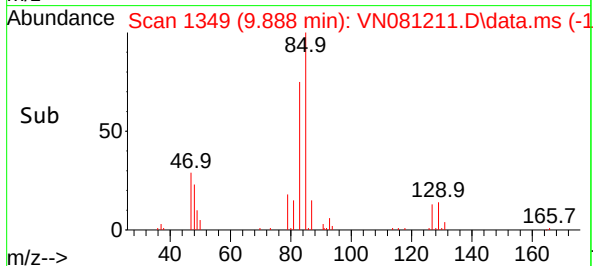
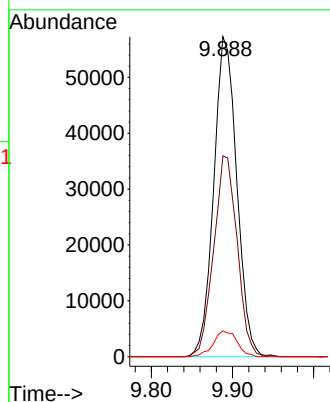
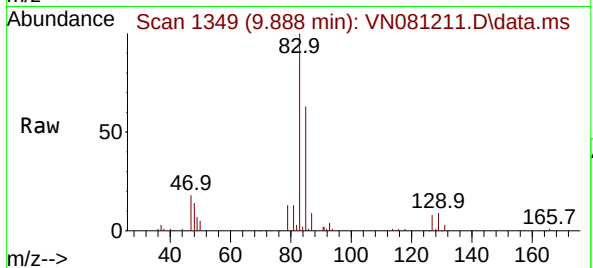
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.8  | 52.3  | 78.5  |
| 127 | 8.1   | 4.6   | 7.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#48

Methyl methacrylate

Concen: 21.972 ug/l

RT: 9.682 min Scan# 1314

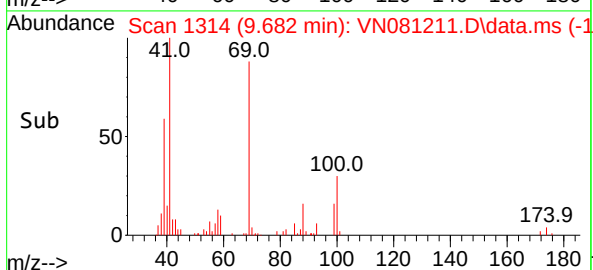
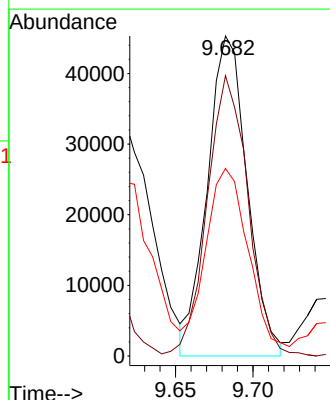
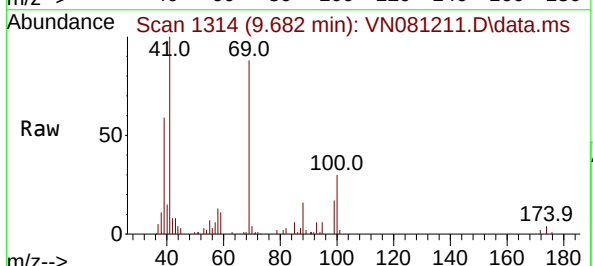
Delta R.T. -0.000 min

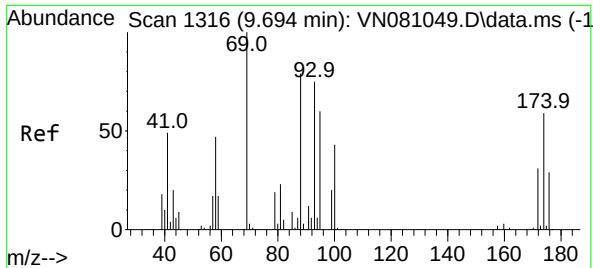
Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion: 41 Resp: 80951

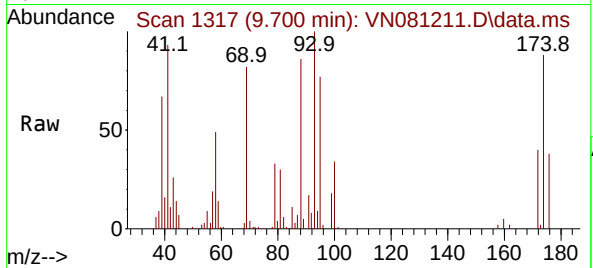
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 89.8  | 62.2  | 93.2  |
| 39  | 64.3  | 47.6  | 71.4  |





#49  
1,4-Dioxane  
Concen: 426.948 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

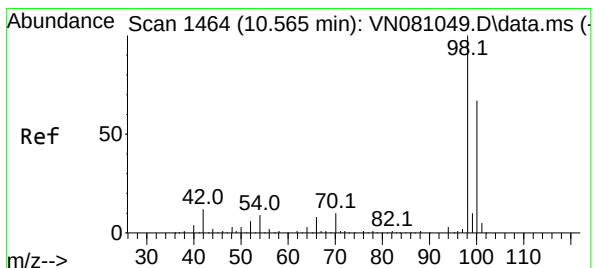
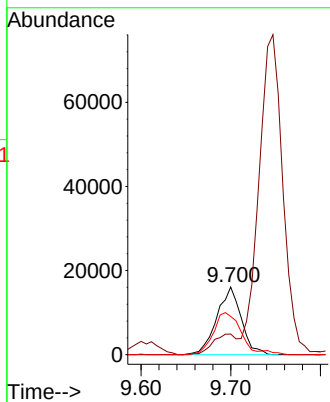
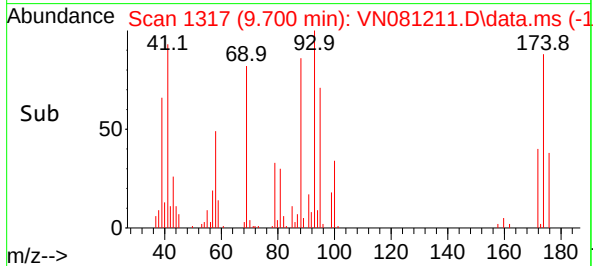
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 88 Resp: 3049  
Ion Ratio Lower Upper  
88 100  
43 28.8 30.1 45.1  
58 71.2 63.9 95.9

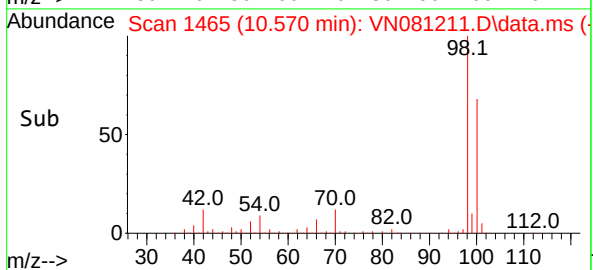
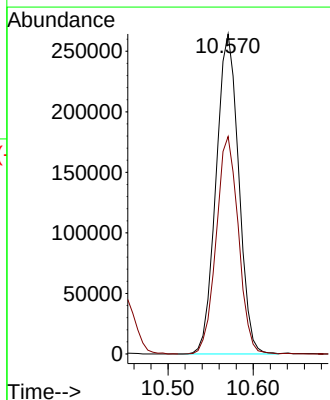
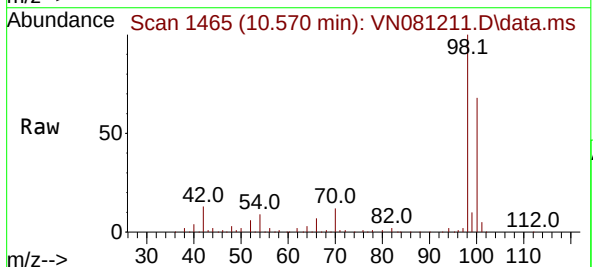
Manual Integrations  
APPROVED

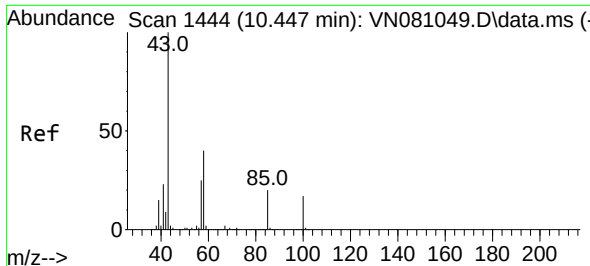
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#50  
Toluene-d8  
Concen: 46.862 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

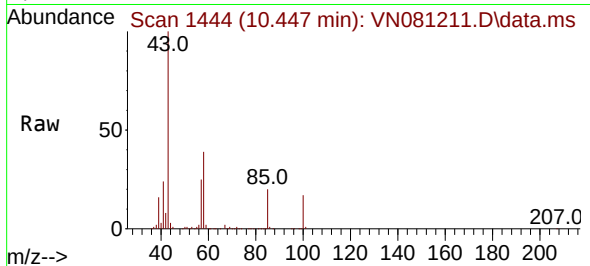
Tgt Ion: 98 Resp: 487337  
Ion Ratio Lower Upper  
98 100  
100 66.7 51.4 77.0





#51  
4-Methyl-2-Pentanone  
Concen: 116.613 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

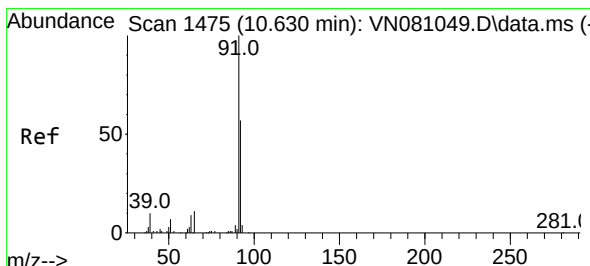
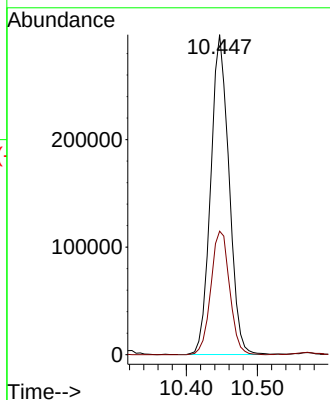
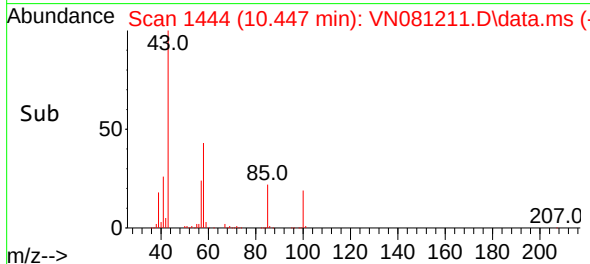
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



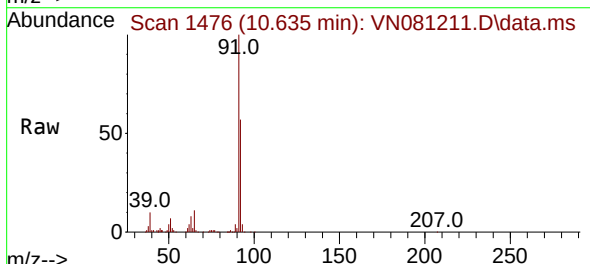
Tgt Ion: 43 Resp: 531139  
Ion Ratio Lower Upper  
43 100  
58 39.6 29.4 44.0

Manual Integrations  
APPROVED

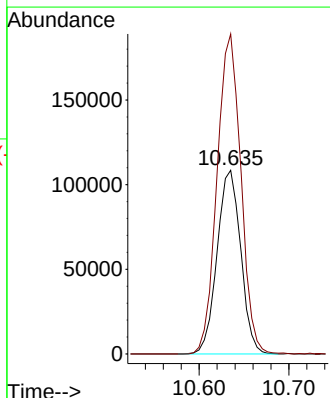
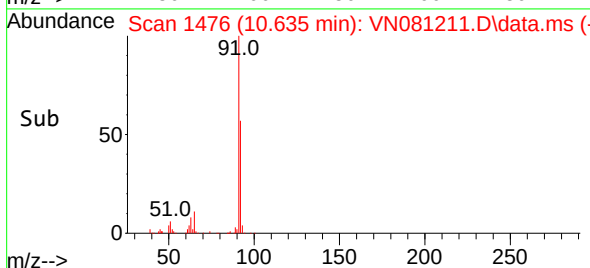
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

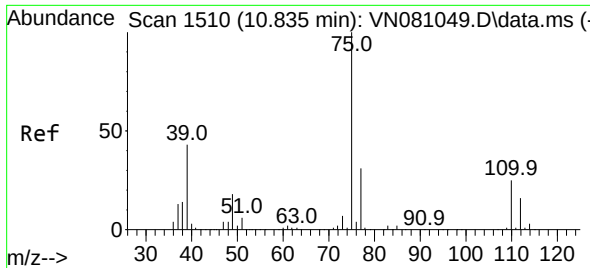


#52  
Toluene  
Concen: 21.573 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



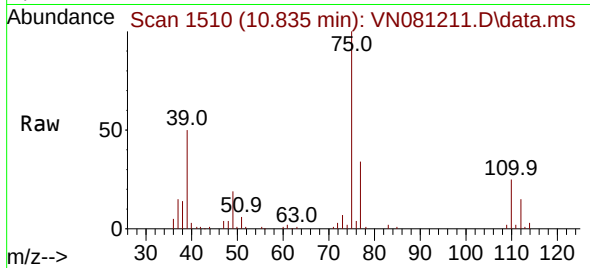
Tgt Ion: 92 Resp: 198300  
Ion Ratio Lower Upper  
92 100  
91 175.7 139.4 209.0





#53  
t-1,3-Dichloropropene  
Concen: 21.162 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

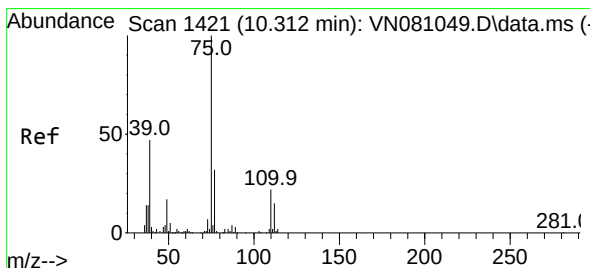
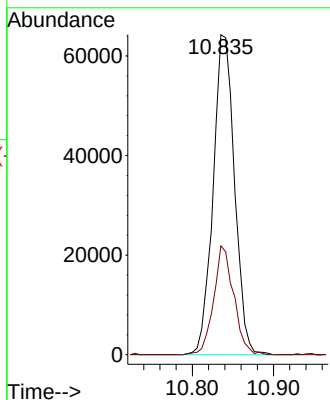
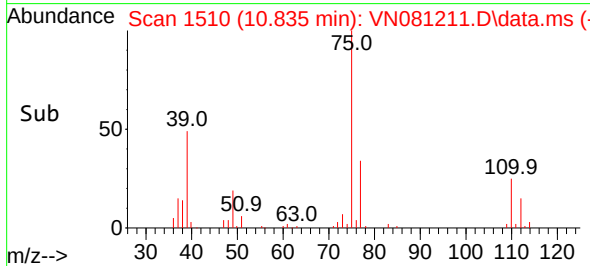
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



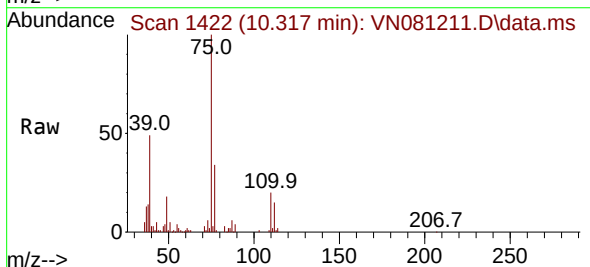
Tgt Ion: 75 Resp: 117860  
Ion Ratio Lower Upper  
75 100  
77 34.0 25.5 38.3

Manual Integrations  
APPROVED

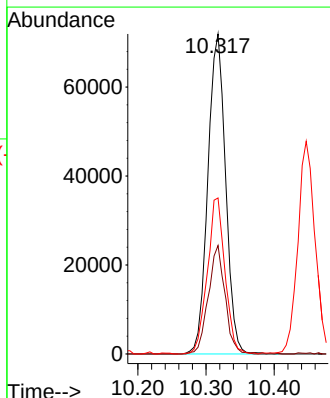
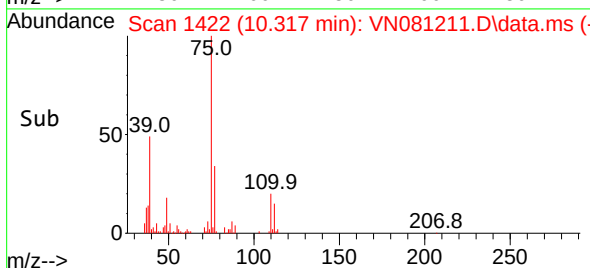
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

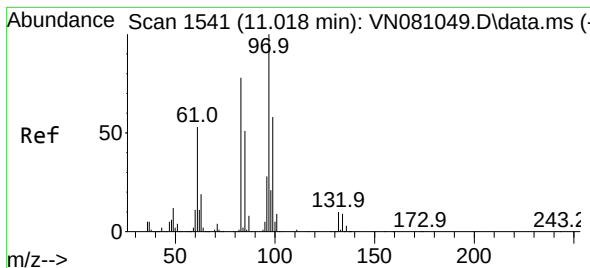


#54  
cis-1,3-Dichloropropene  
Concen: 21.644 ug/l  
RT: 10.317 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



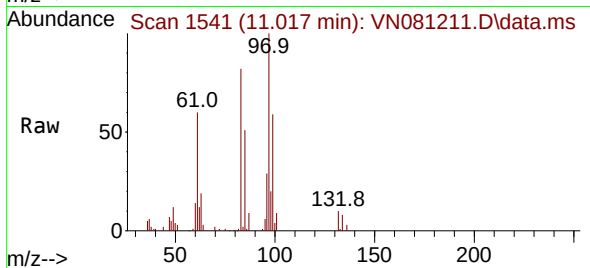
Tgt Ion: 75 Resp: 130241  
Ion Ratio Lower Upper  
75 100  
77 33.9 23.3 34.9  
39 48.8 44.6 66.8





#55  
1,1,2-Trichloroethane  
Concen: 22.801 ug/l  
RT: 11.017 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

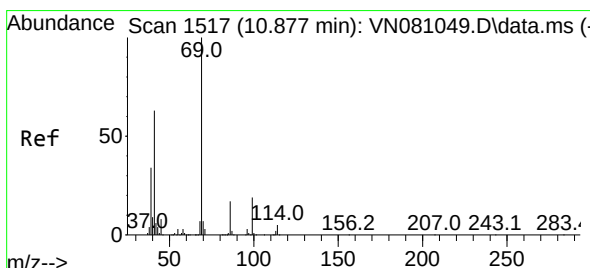
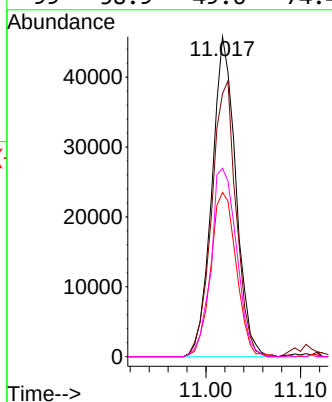
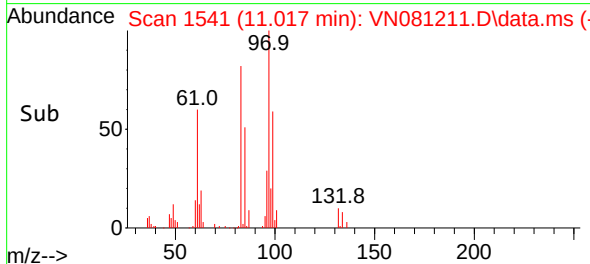
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 97 Resp: 80610  
Ion Ratio Lower Upper  
97 100  
83 82.2 72.9 109.3  
85 51.4 50.2 75.2  
99 58.9 49.6 74.4

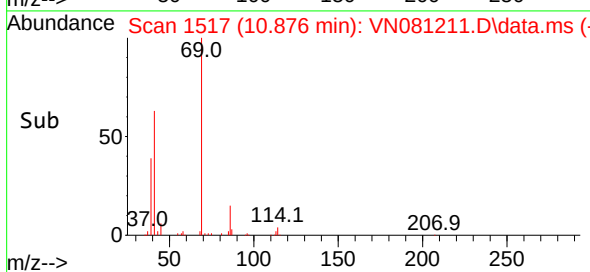
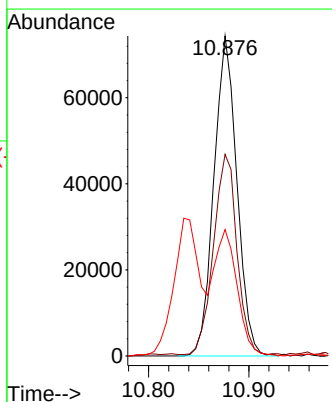
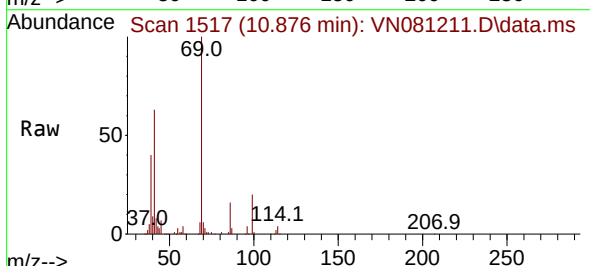
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

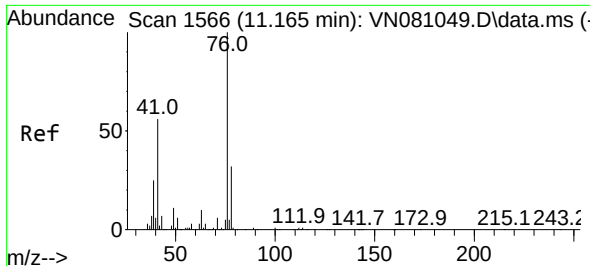


#56  
Ethyl methacrylate  
Concen: 21.914 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 69 Resp: 118408  
Ion Ratio Lower Upper  
69 100  
41 63.7 61.0 91.6  
39 39.2 31.8 47.6







#57

1,3-Dichloropropane

Concen: 22.756 ug/l

RT: 11.164 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 76 Resp: 139104

Ion Ratio Lower Upper

76 100

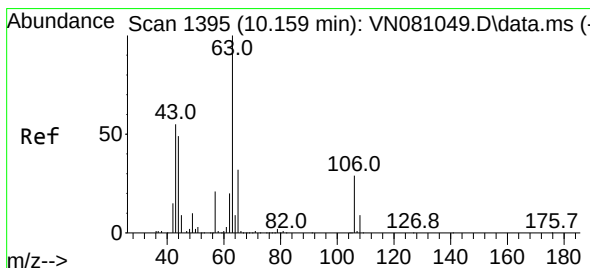
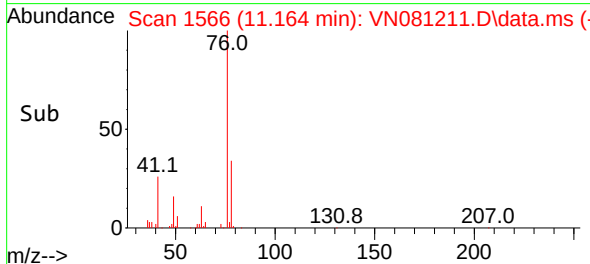
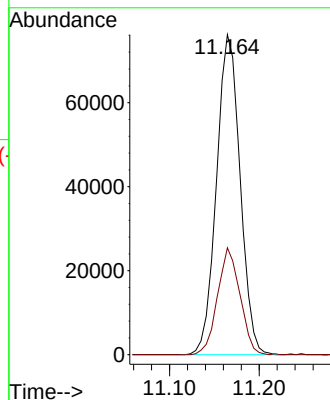
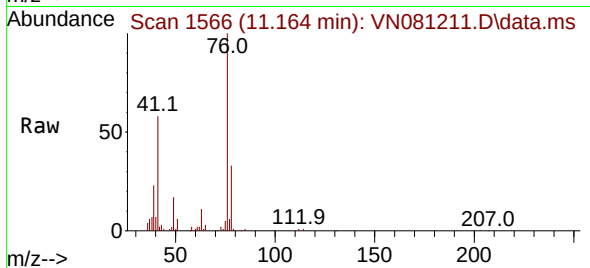
78 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#58

2-Chloroethyl Vinyl ether

Concen: 91.426 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081211.D

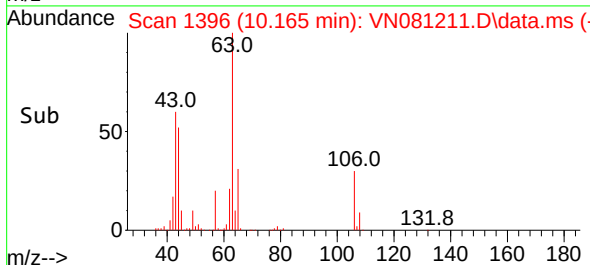
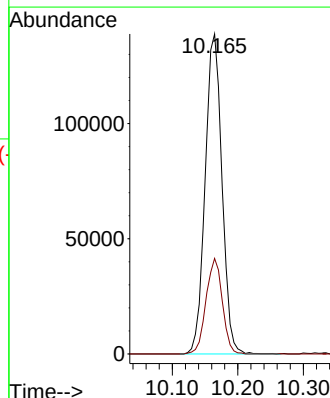
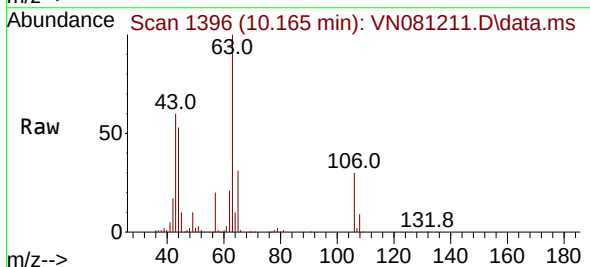
Acq: 27 Feb 2024 11:44

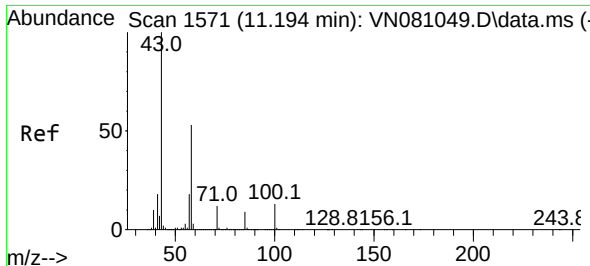
Tgt Ion: 63 Resp: 247859

Ion Ratio Lower Upper

63 100

106 28.9 18.6 28.0#





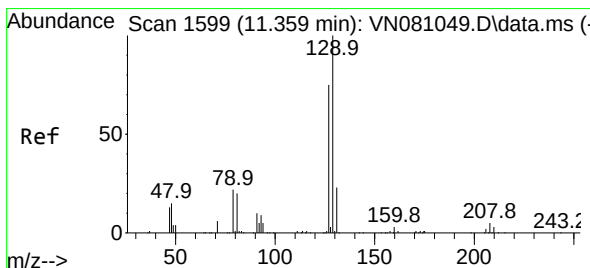
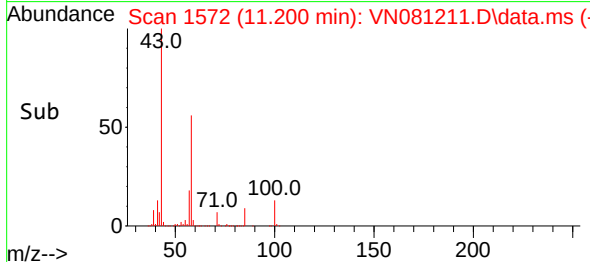
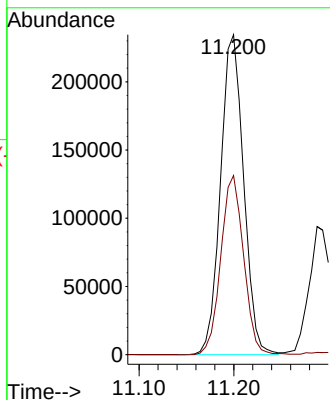
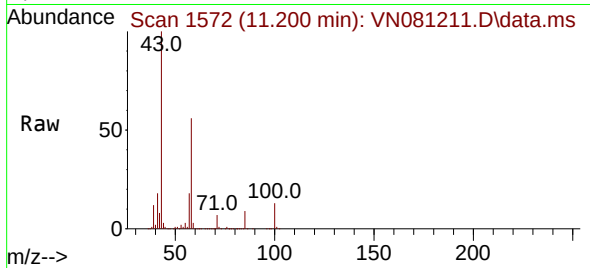
#59  
2-Hexanone  
Concen: 110.040 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion: 43 Resp: 397354  
Ion Ratio Lower Upper  
43 100  
58 55.3 25.9 77.8

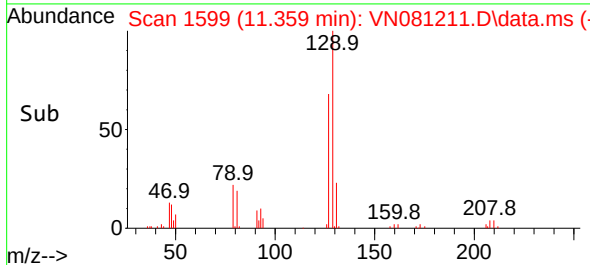
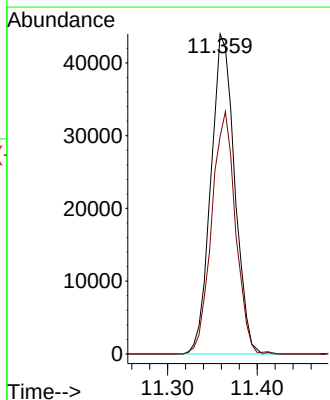
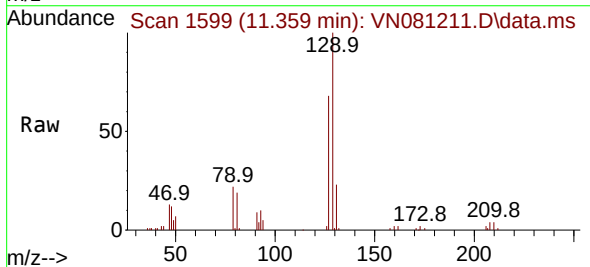
Manual Integrations  
APPROVED

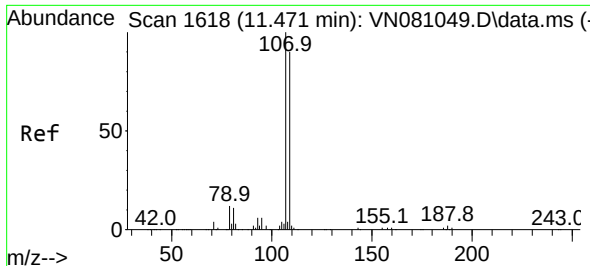
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#60  
Dibromochloromethane  
Concen: 21.532 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

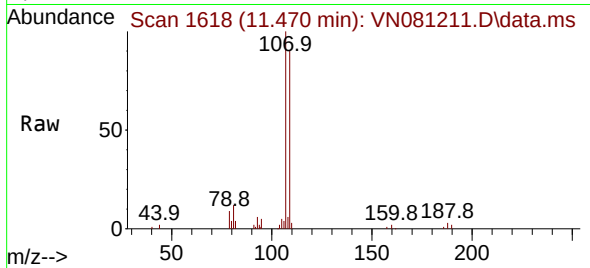
Tgt Ion:129 Resp: 80870  
Ion Ratio Lower Upper  
129 100  
127 76.0 39.4 118.2





#61  
1,2-Dibromoethane  
Concen: 21.833 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

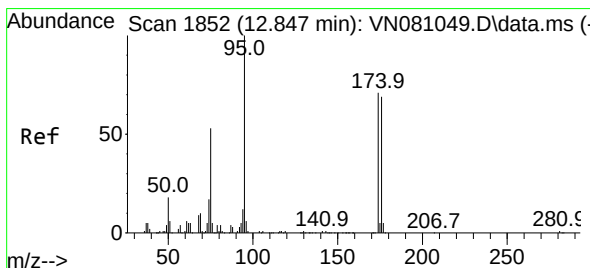
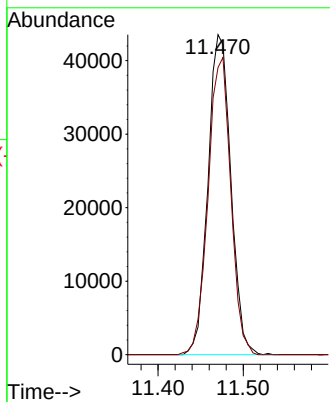
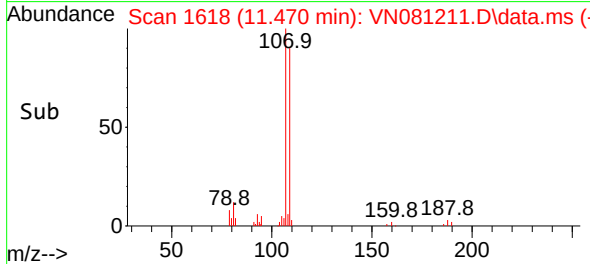
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



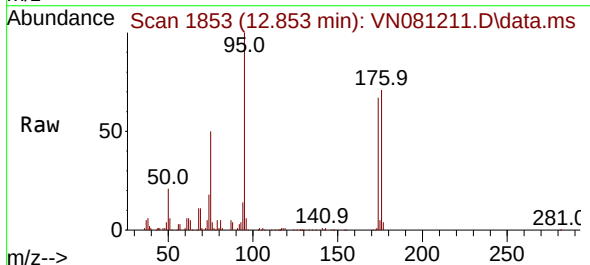
Tgt Ion:107 Resp: 81169  
Ion Ratio Lower Upper  
107 100  
109 92.2 73.4 110.2

Manual Integrations  
APPROVED

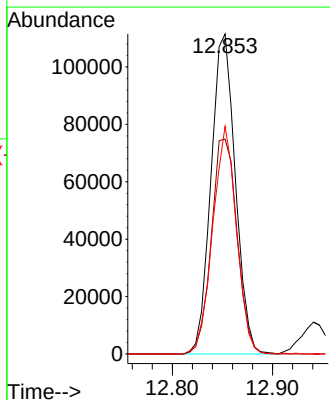
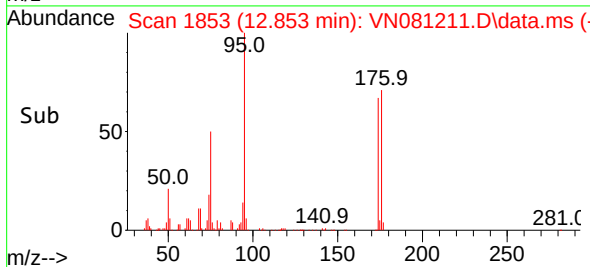
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

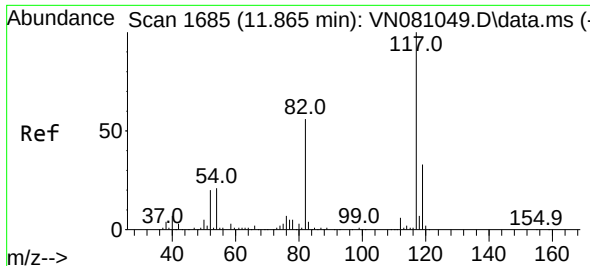


#62  
4-Bromofluorobenzene  
Concen: 48.089 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



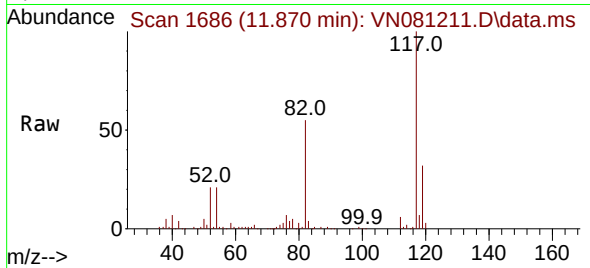
Tgt Ion: 95 Resp: 187914  
Ion Ratio Lower Upper  
95 100  
174 71.0 0.0 120.4  
176 69.2 0.0 121.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

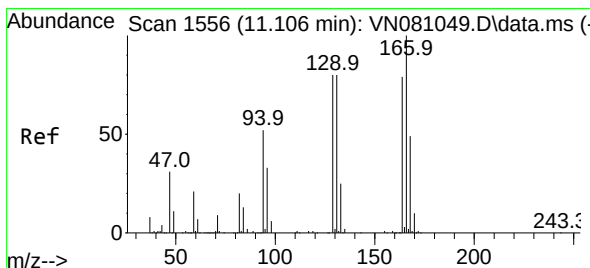
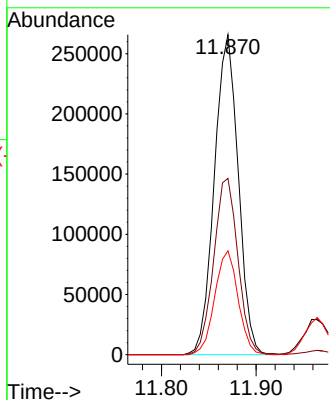
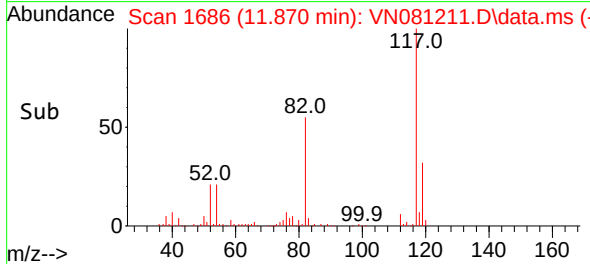
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:117 Resp: 46654  
Ion Ratio Lower Upper  
117 100  
82 55.1 52.7 79.1  
119 32.5 25.3 37.9

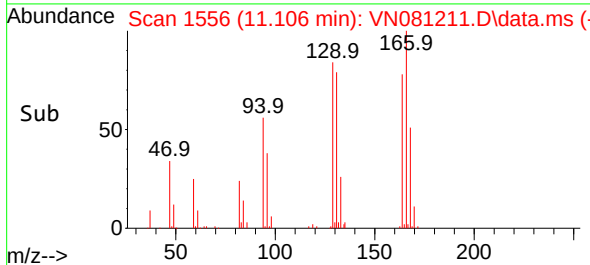
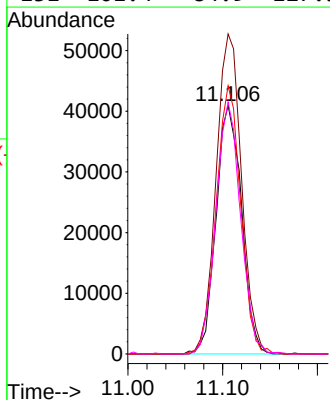
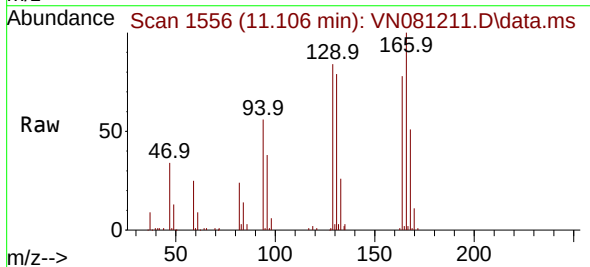
Manual Integrations  
APPROVED

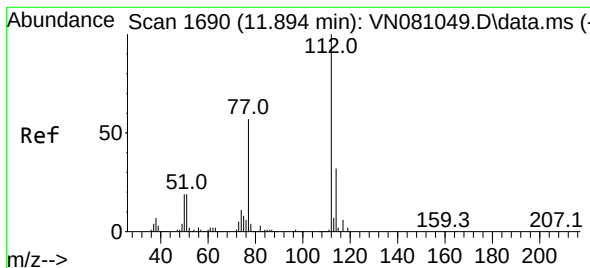
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#64  
Tetrachloroethene  
Concen: 23.993 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

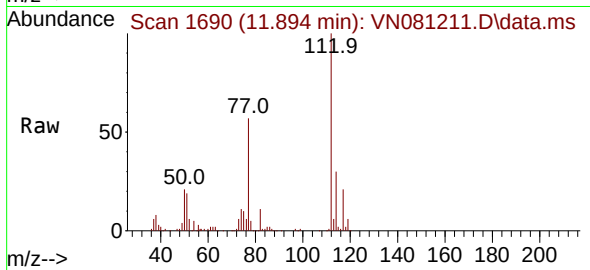
Tgt Ion:164 Resp: 76396  
Ion Ratio Lower Upper  
164 100  
166 128.9 105.8 158.6  
129 108.0 89.6 134.4  
131 101.4 84.9 127.3





#65  
Chlorobenzene  
Concen: 21.234 ug/l  
RT: 11.894 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

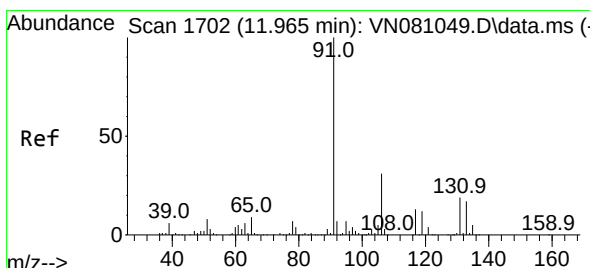
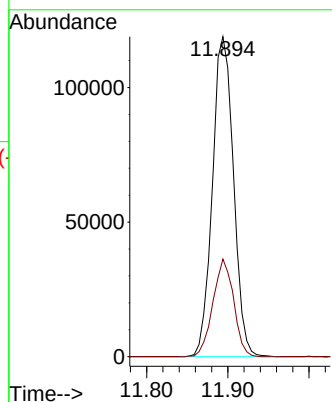
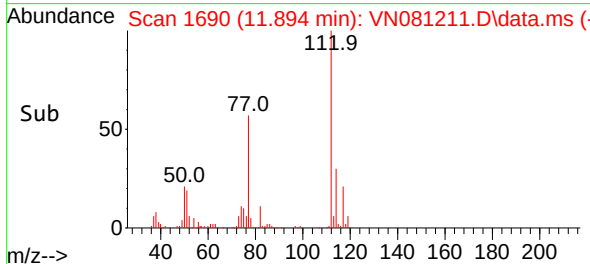
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



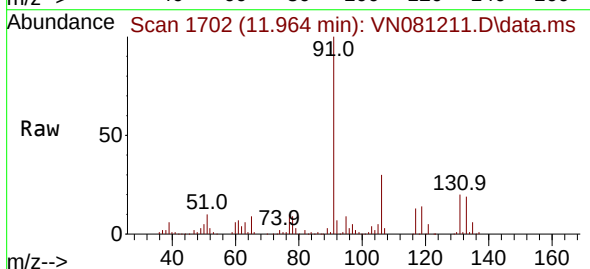
Tgt Ion:112 Resp: 214400  
Ion Ratio Lower Upper  
112 100  
114 30.5 23.7 35.5

Manual Integrations  
APPROVED

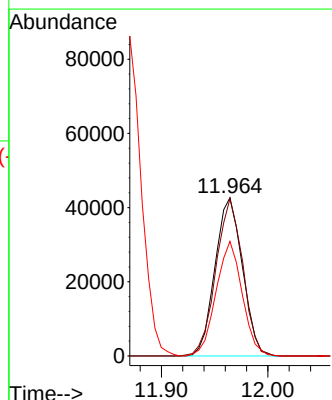
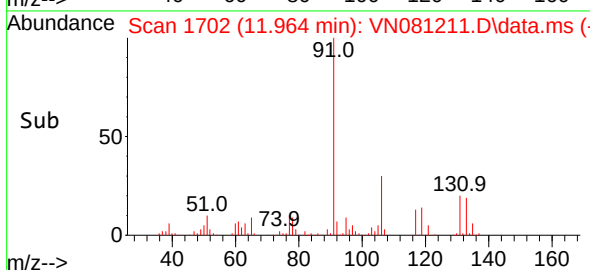
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

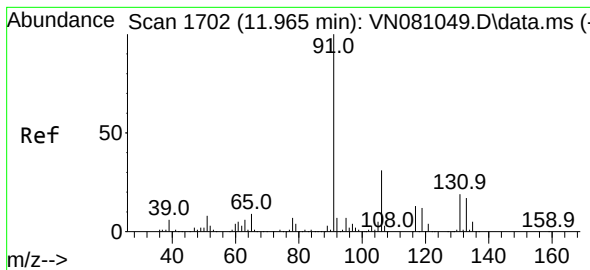


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.990 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44



Tgt Ion:131 Resp: 76124  
Ion Ratio Lower Upper  
131 100  
133 97.4 46.8 140.3  
119 69.1 34.6 103.9





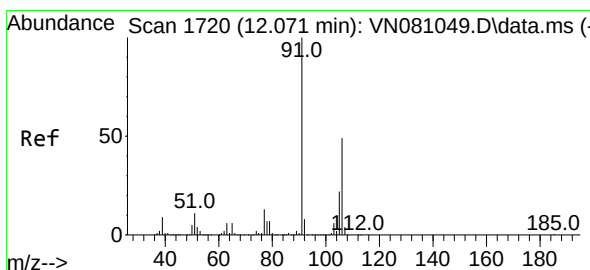
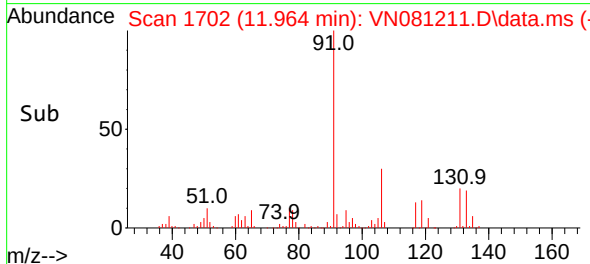
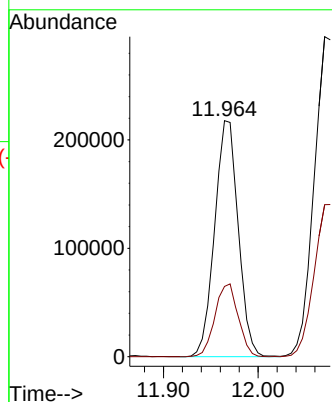
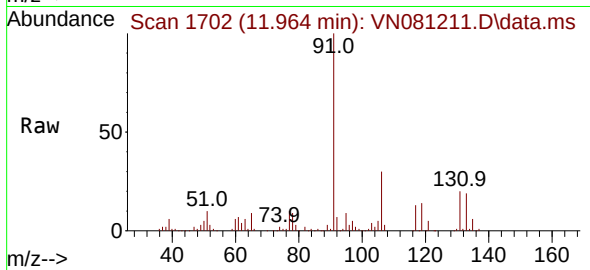
#67  
Ethyl Benzene  
Concen: 20.858 ug/l  
RT: 11.964 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion: 91 Resp: 376863  
Ion Ratio Lower Upper  
91 100  
106 29.8 23.8 35.6

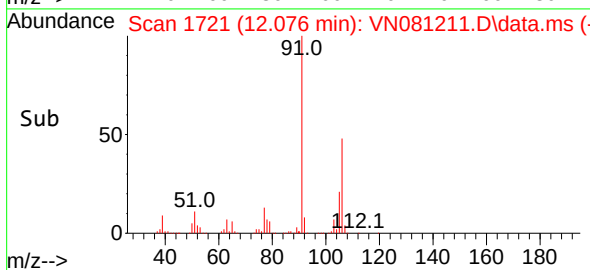
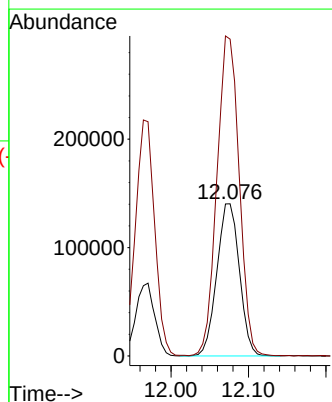
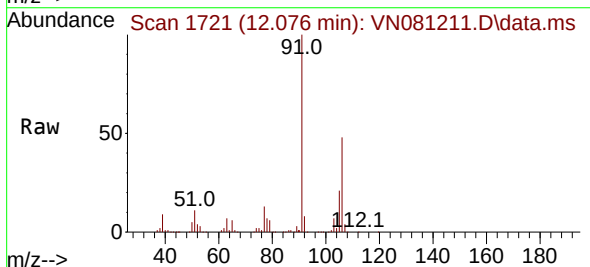
Manual Integrations  
APPROVED

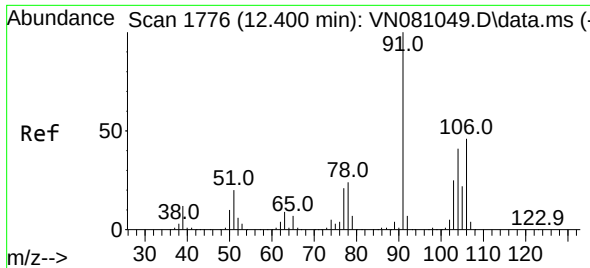
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#68  
m/p-Xylenes  
Concen: 41.037 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:106 Resp: 284203  
Ion Ratio Lower Upper  
106 100  
91 208.1 169.0 253.6





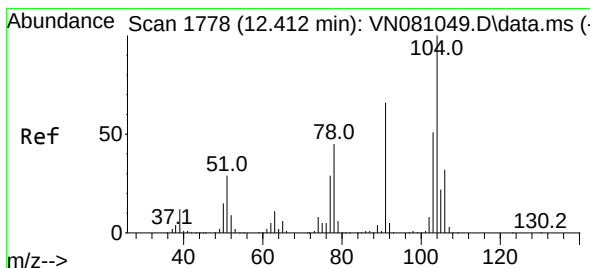
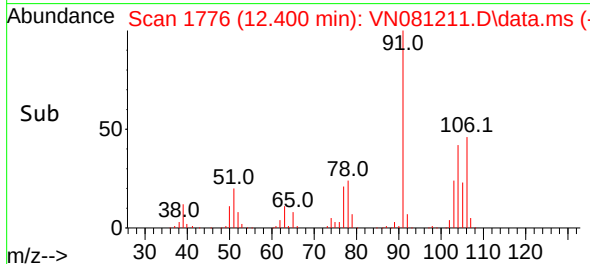
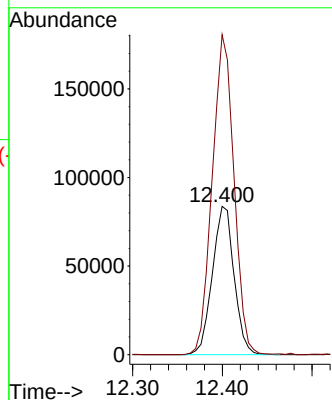
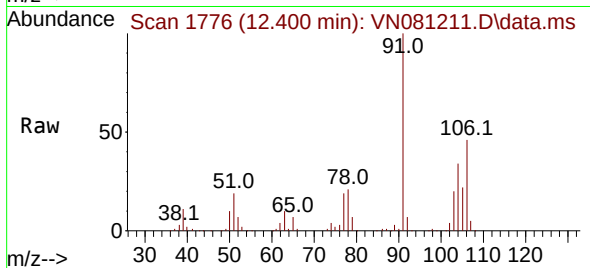
#69  
o-Xylene  
Concen: 20.490 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion:106 Resp: 140663  
Ion Ratio Lower Upper  
106 100  
91 215.7 112.1 336.3

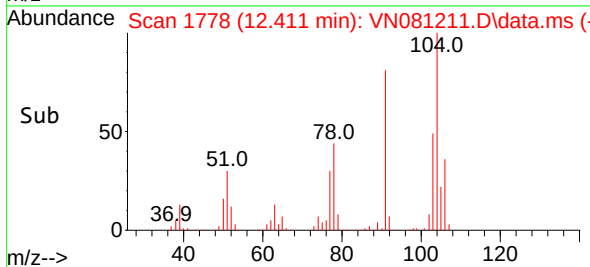
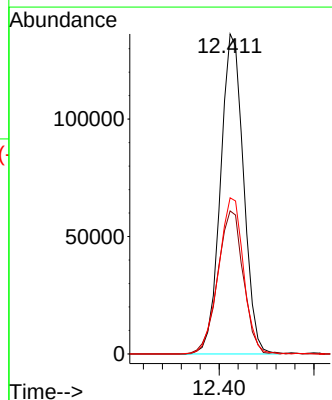
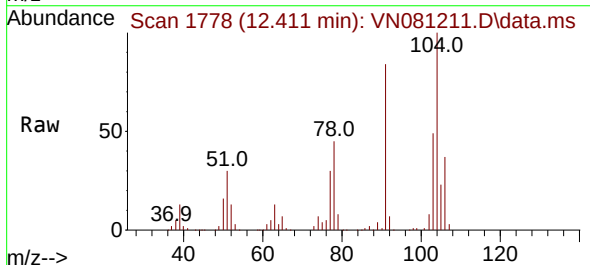
Manual Integrations  
APPROVED

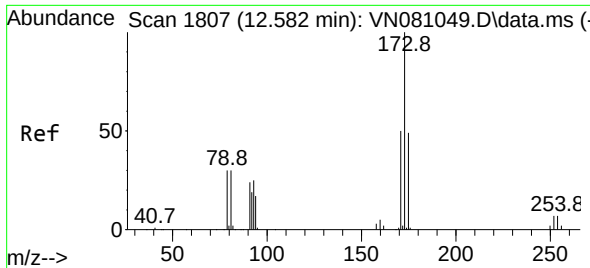
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#70  
Styrene  
Concen: 21.138 ug/l  
RT: 12.411 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

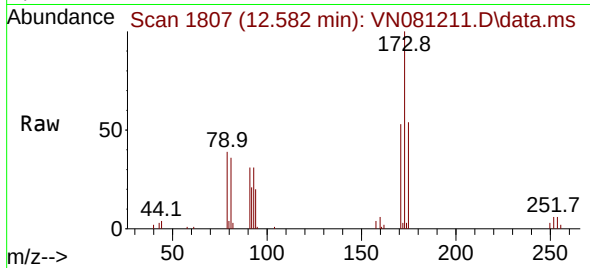
Tgt Ion:104 Resp: 229948  
Ion Ratio Lower Upper  
104 100  
78 49.9 43.8 65.8  
103 53.1 44.2 66.2





#71  
Bromoform  
Concen: 21.707 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

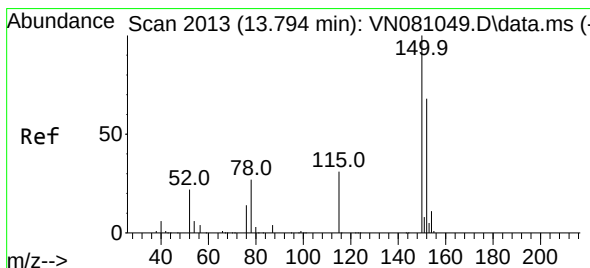
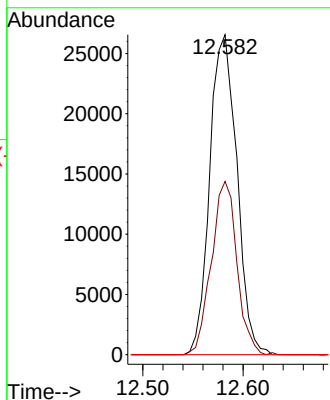
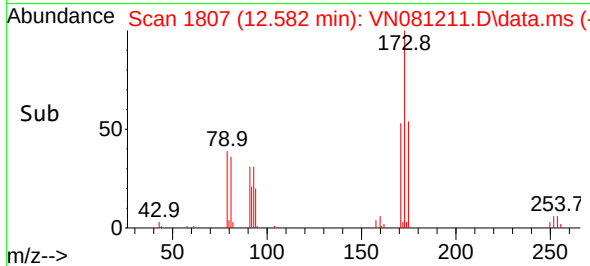
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:173 Resp: 4994  
Ion Ratio Lower Upper  
173 100  
175 51.1 23.1 69.2  
254 0.0 0.0 0.0

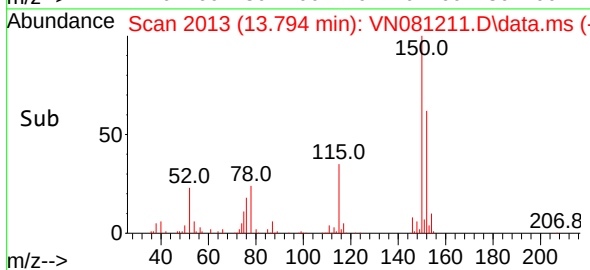
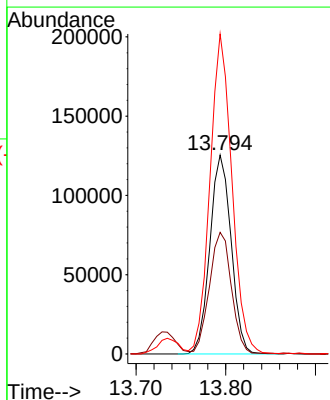
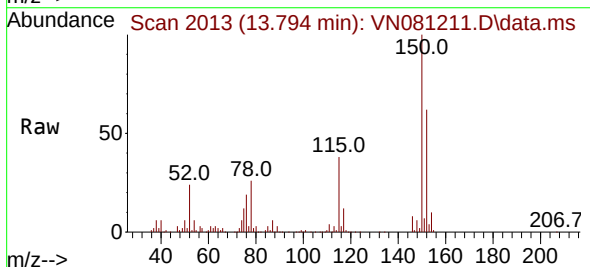
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

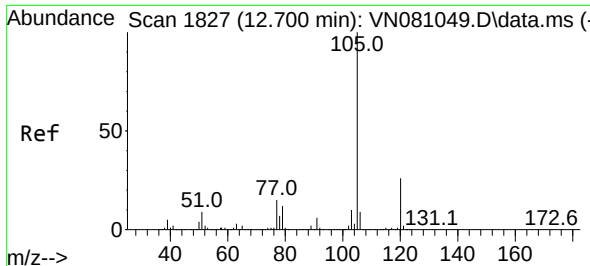


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:152 Resp: 206770  
Ion Ratio Lower Upper  
152 100  
115 63.2 32.3 96.8  
150 165.1 0.0 339.8

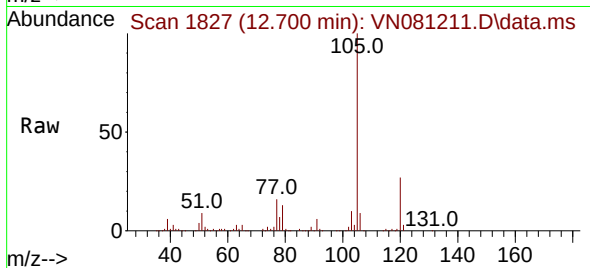






#73  
Isopropylbenzene  
Concen: 20.006 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

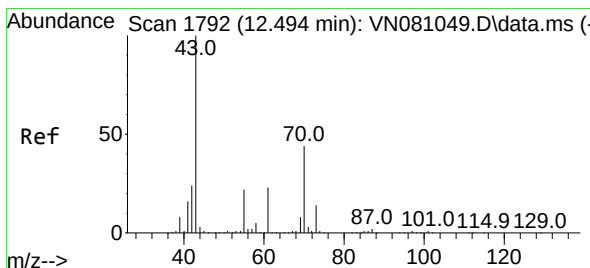
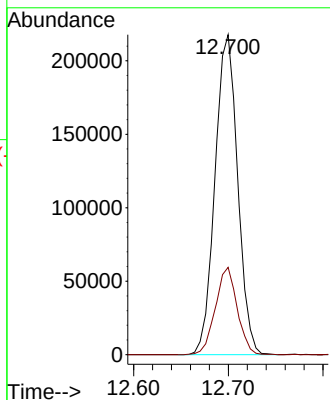
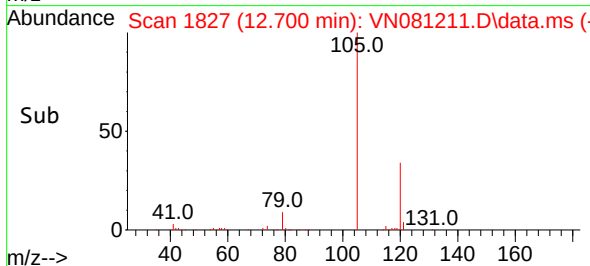
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:105 Resp: 361925  
Ion Ratio Lower Upper  
105 100  
120 26.3 12.6 37.6

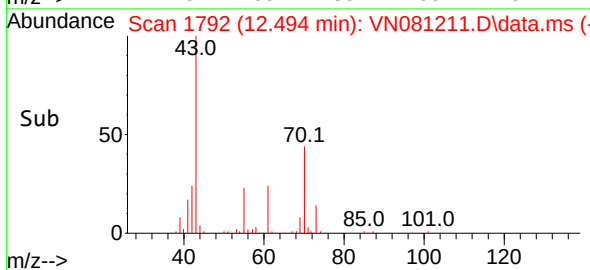
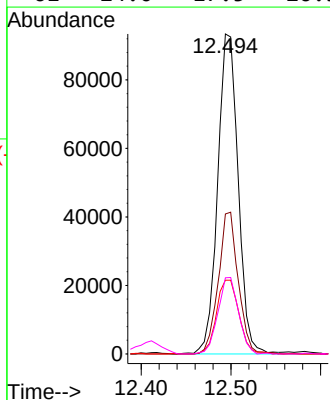
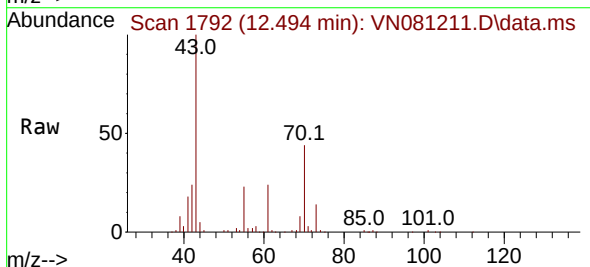
Manual Integrations  
APPROVED

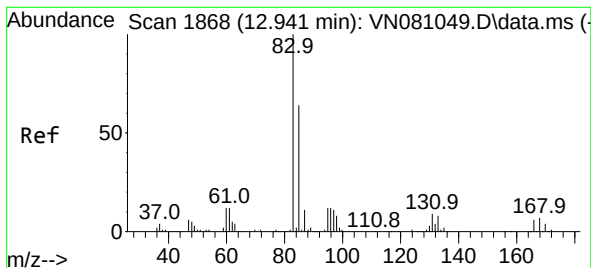
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#74  
N-ethyl acetate  
Concen: 19.372 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

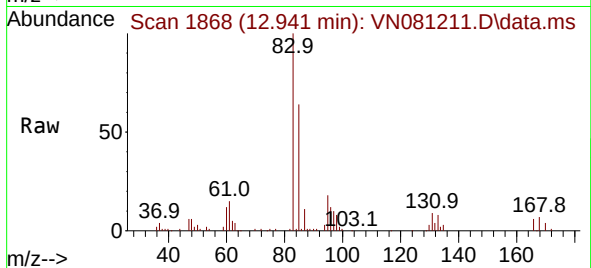
Tgt Ion: 43 Resp: 148119  
Ion Ratio Lower Upper  
43 100  
70 43.0 30.1 45.1  
55 25.3 17.0 25.4  
61 24.0 17.5 26.3





#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.037 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

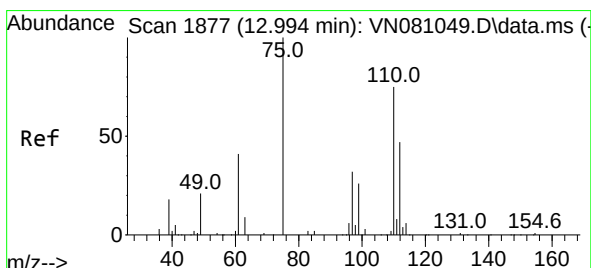
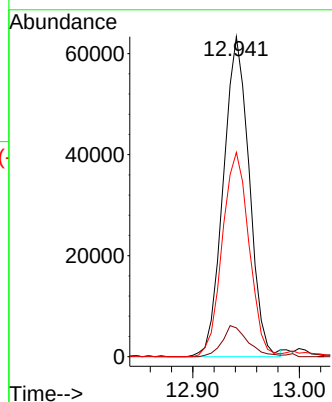
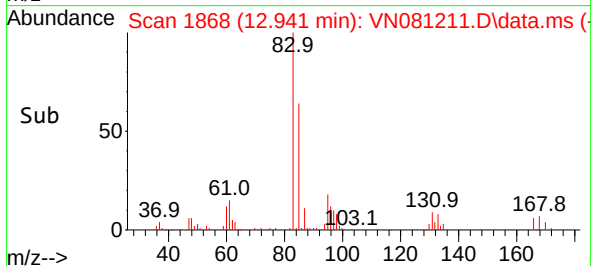
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 83 Resp: 107015  
Ion Ratio Lower Upper  
83 100  
131 9.6 4.1 12.3  
85 65.9 32.1 96.3

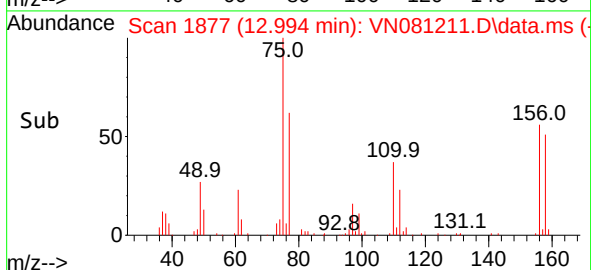
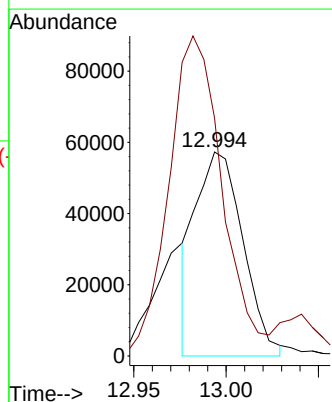
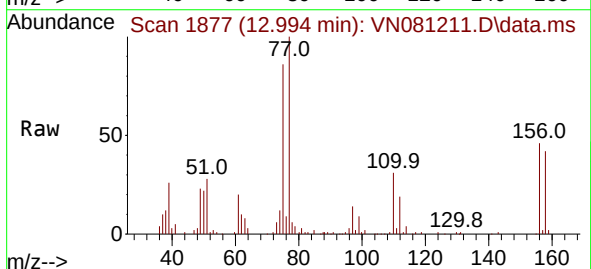
Manual Integrations  
APPROVED

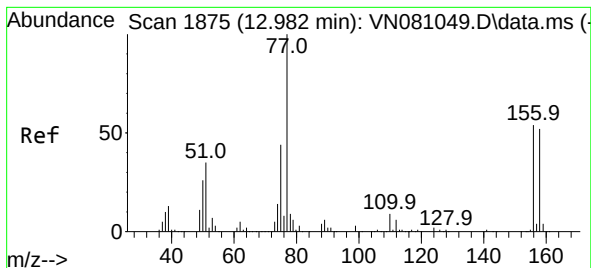
Reviewed By :John Carbone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#76  
1,2,3-Trichloropropane  
Concen: 21.795 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 102391  
Ion Ratio Lower Upper  
75 100  
77 177.4 91.0 272.8





#77

Bromobenzene

Concen: 19.925 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

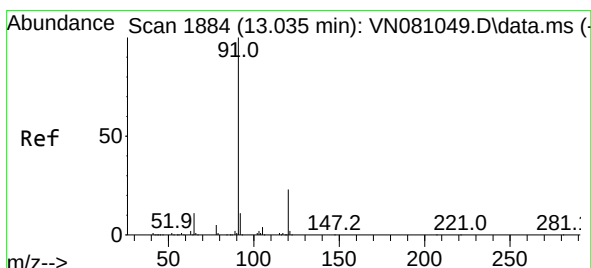
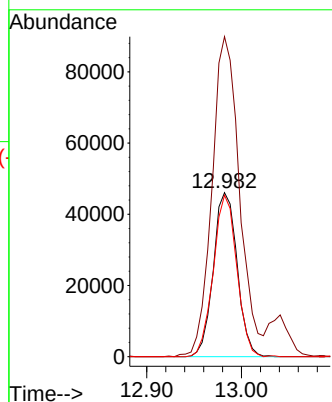
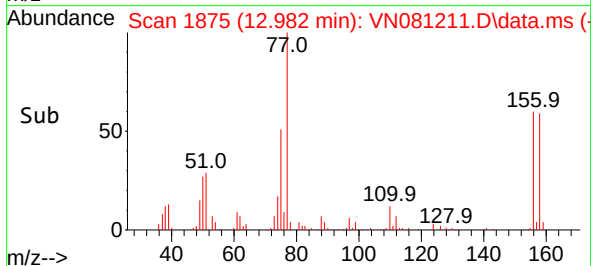
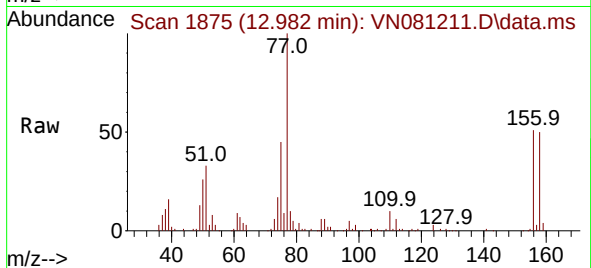
Tgt Ion:156 Resp: 8037  
 Ion Ratio Lower Upper  
 156 100  
 77 226.0 138.1 414.3  
 158 97.2 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#78

n-propylbenzene

Concen: 20.717 ug/l

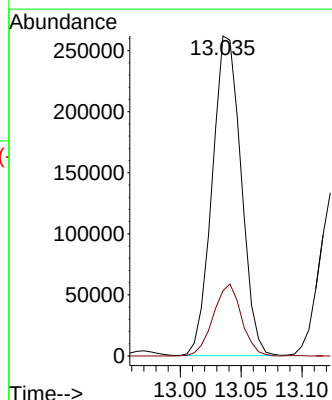
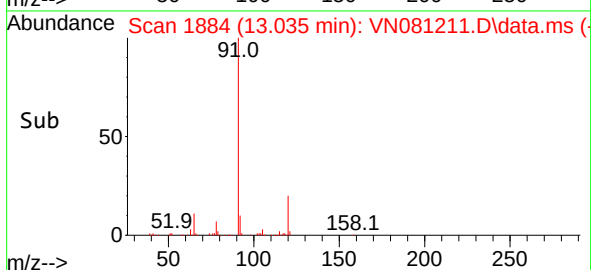
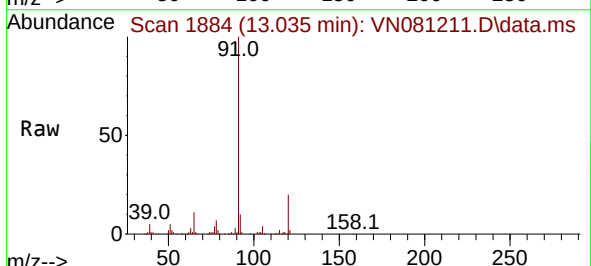
RT: 13.035 min Scan# 1884

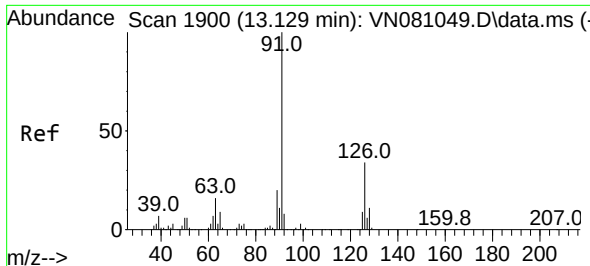
Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion: 91 Resp: 431453  
 Ion Ratio Lower Upper  
 91 100  
 120 22.0 10.3 30.9





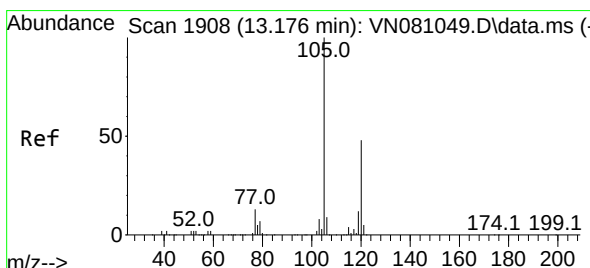
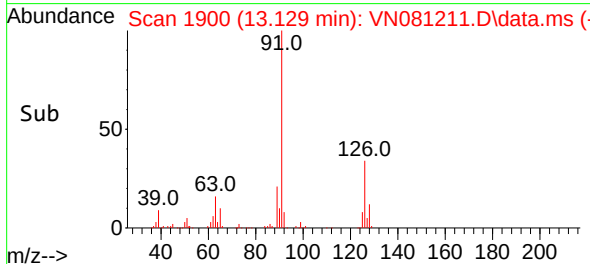
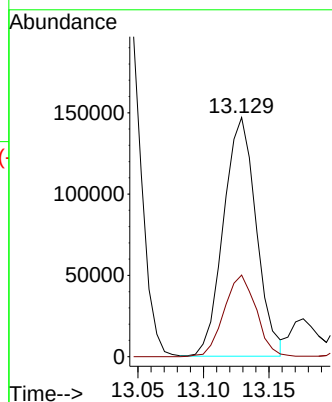
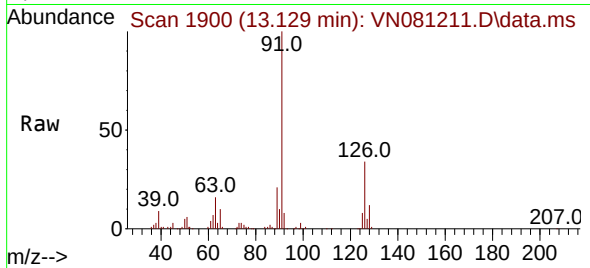
#79  
2-Chlorotoluene  
Concen: 19.992 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion: 91 Resp: 255379  
Ion Ratio Lower Upper  
91 100  
126 33.6 14.8 44.4

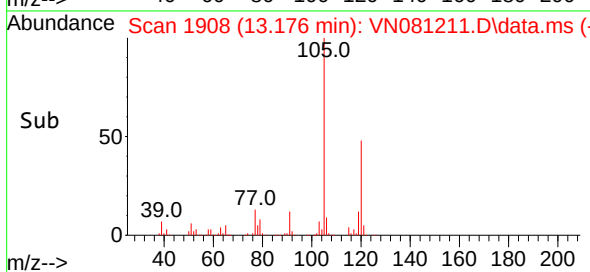
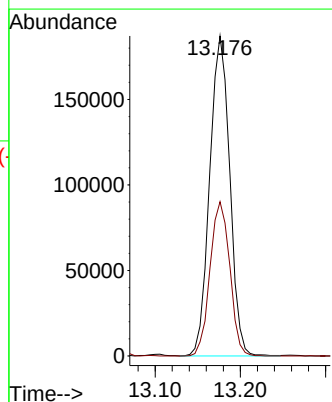
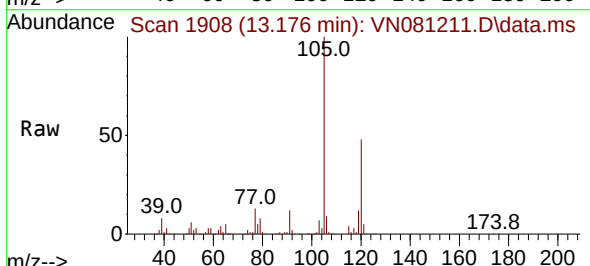
Manual Integrations  
APPROVED

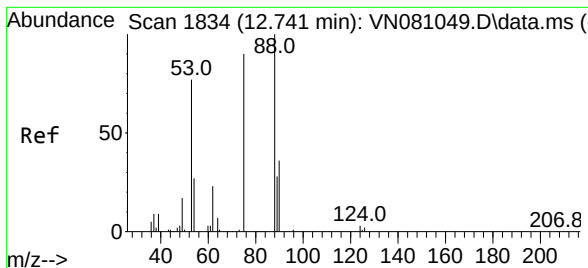
Reviewed By :John Carbone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#80  
1,3,5-Trimethylbenzene  
Concen: 20.884 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

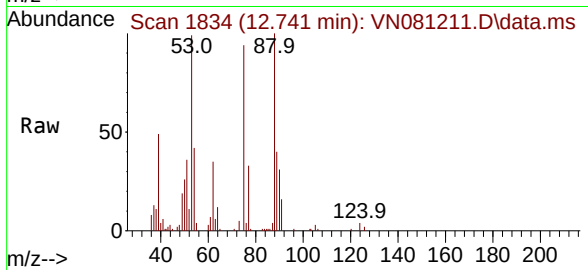
Tgt Ion:105 Resp: 306328  
Ion Ratio Lower Upper  
105 100  
120 47.4 23.0 69.0





#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.314 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

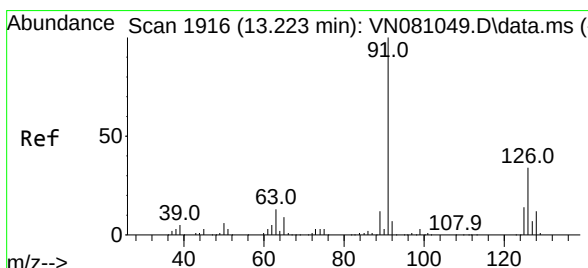
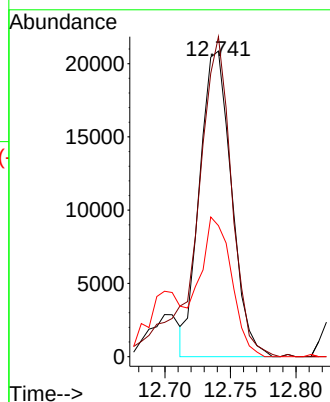
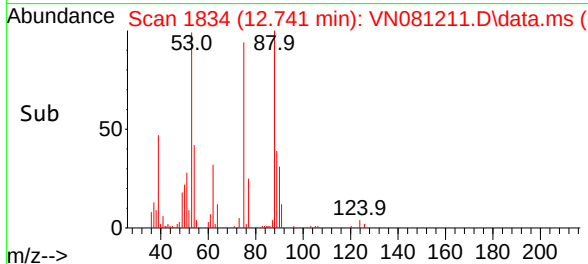
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion: 75 Resp: 3525  
Ion Ratio Lower Upper  
75 100  
53 115.8 71.4 107.2  
89 44.6 33.4 50.0

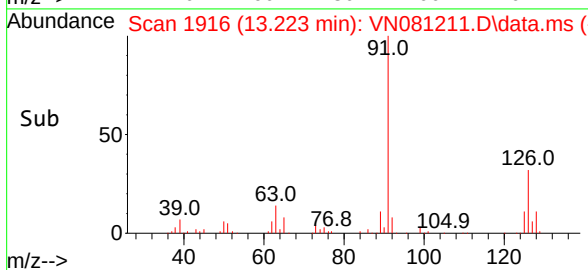
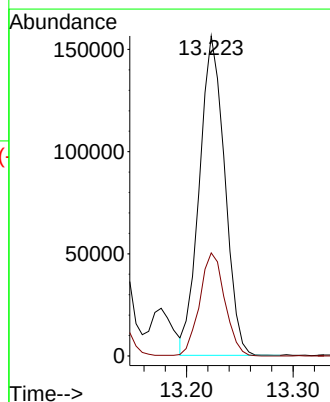
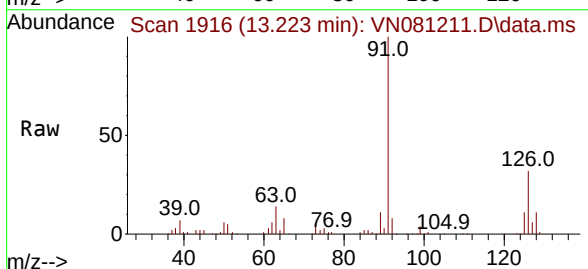
Manual Integrations  
APPROVED

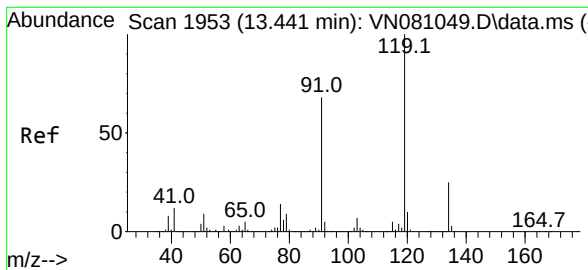
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#82  
4-Chlorotoluene  
Concen: 20.685 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 91 Resp: 258362  
Ion Ratio Lower Upper  
91 100  
126 32.1 15.3 45.9





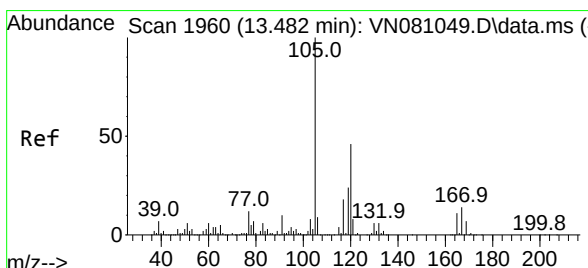
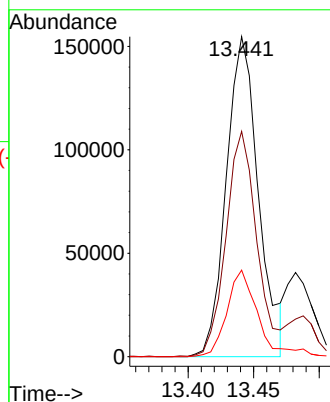
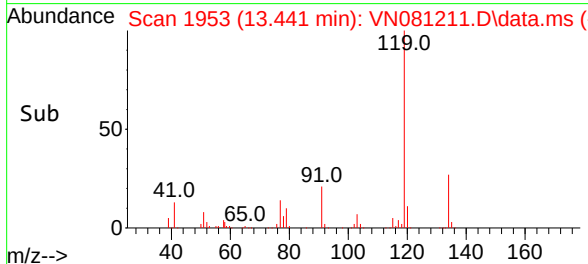
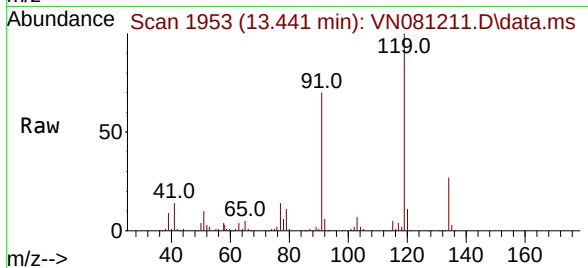
#83  
tert-Butylbenzene  
Concen: 20.788 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion:119 Resp: 26365  
Ion Ratio Lower Upper  
119 100  
91 67.9 36.8 110.4  
134 26.2 12.4 37.4

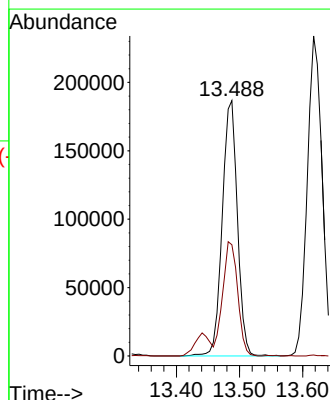
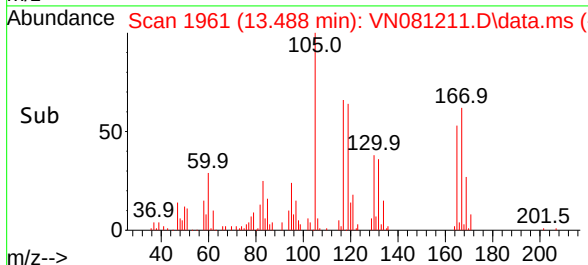
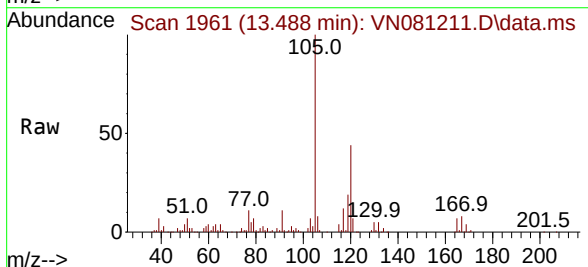
Manual Integrations  
APPROVED

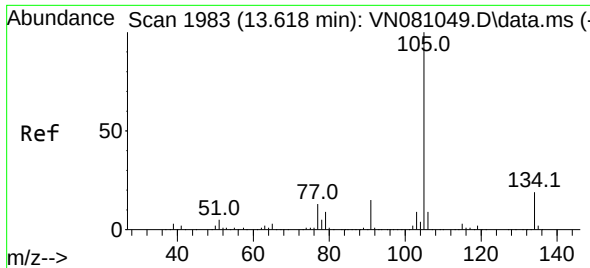
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#84  
1,2,4-Trimethylbenzene  
Concen: 21.233 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

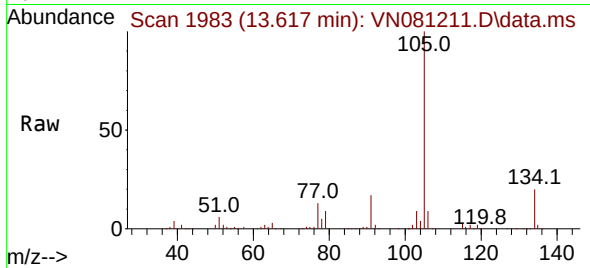
Tgt Ion:105 Resp: 310358  
Ion Ratio Lower Upper  
105 100  
120 44.2 20.9 62.7





#85  
 sec-Butylbenzene  
 Concen: 21.639 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44

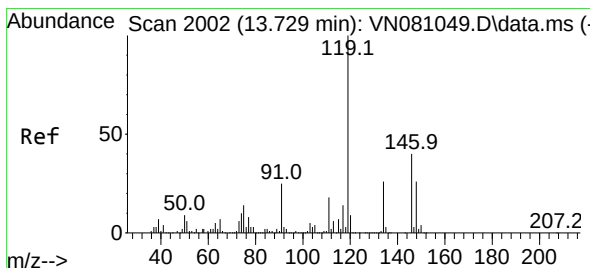
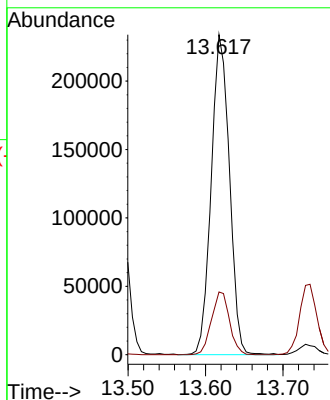
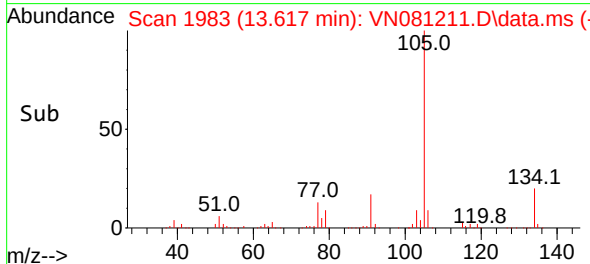
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0227WBS01



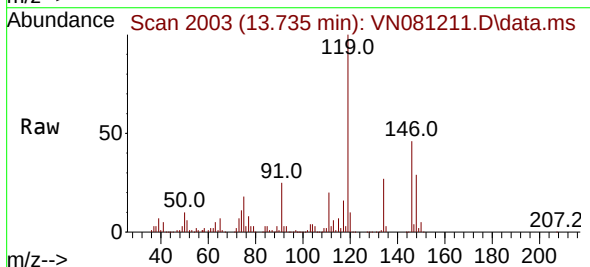
Tgt Ion:105 Resp: 38155  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 8.6 25.8

Manual Integrations  
 APPROVED

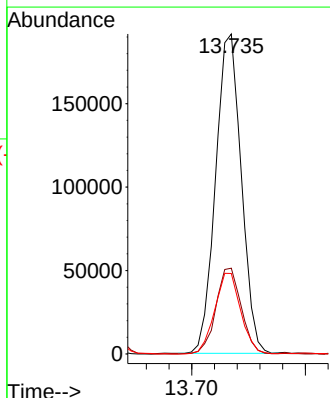
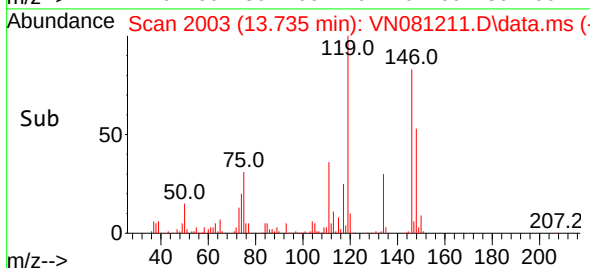
Reviewed By :John Carlone 02/28/2024  
 Supervised By :Semsettin Yesilyurt 02/28/2024

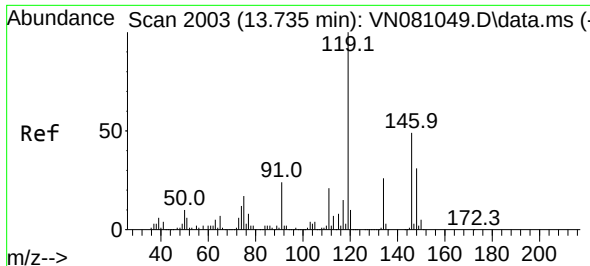


#86  
 p-Isopropyltoluene  
 Concen: 20.541 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN081211.D  
 Acq: 27 Feb 2024 11:44



Tgt Ion:119 Resp: 300831  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 12.4 37.2  
 91 25.6 13.5 40.4





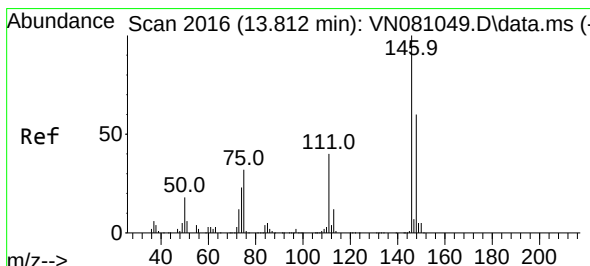
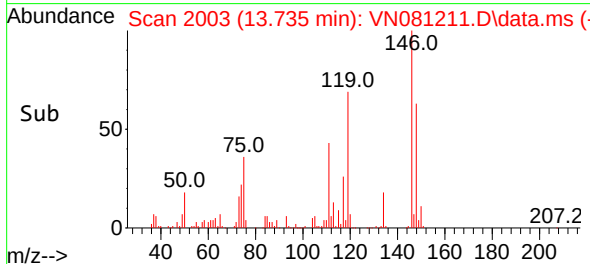
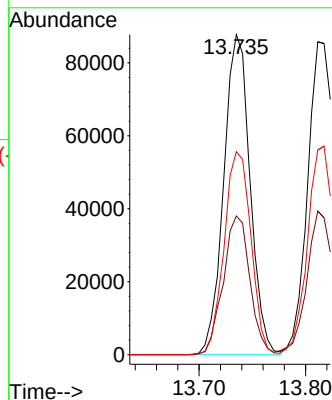
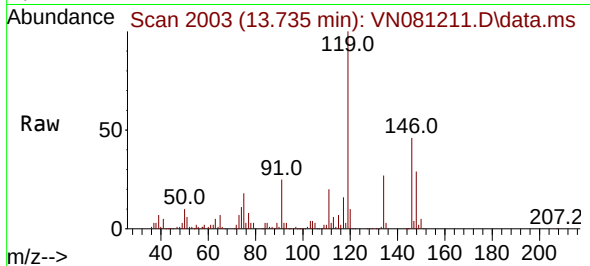
#87  
1,3-Dichlorobenzene  
Concen: 19.779 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion:146 Resp: 15074  
Ion Ratio Lower Upper  
146 100  
111 43.9 23.9 71.7  
148 64.6 32.6 97.7

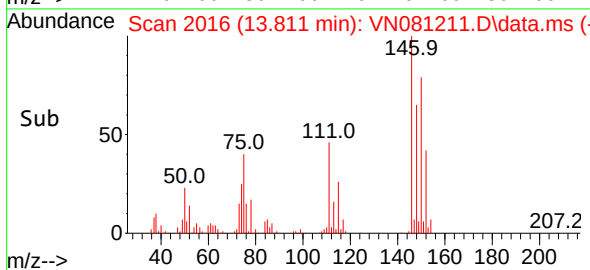
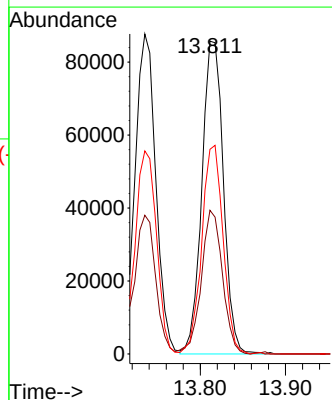
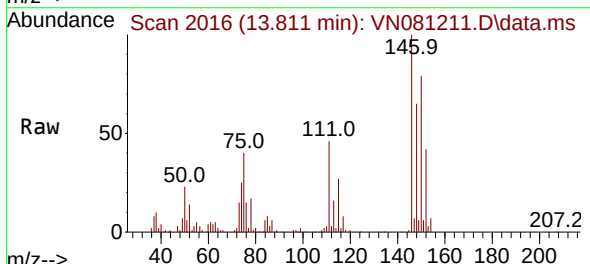
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024

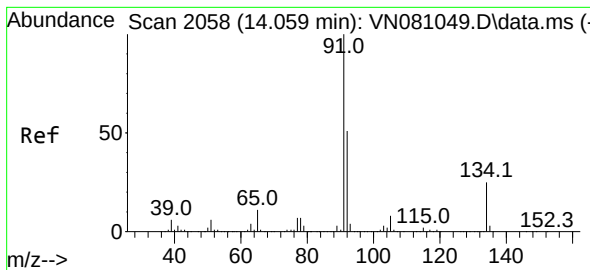


#88  
1,4-Dichlorobenzene  
Concen: 20.110 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:146 Resp: 150604  
Ion Ratio Lower Upper  
146 100  
111 45.3 22.6 67.7  
148 65.7 31.9 95.5







#89

n-Butylbenzene

Concen: 20.958 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

Tgt Ion: 91 Resp: 26740

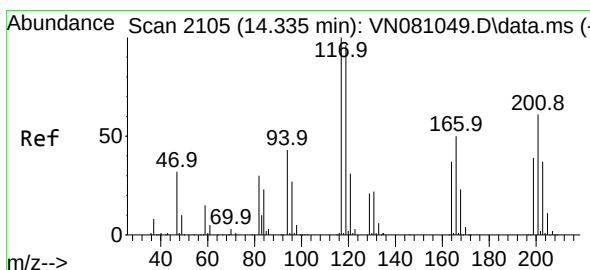
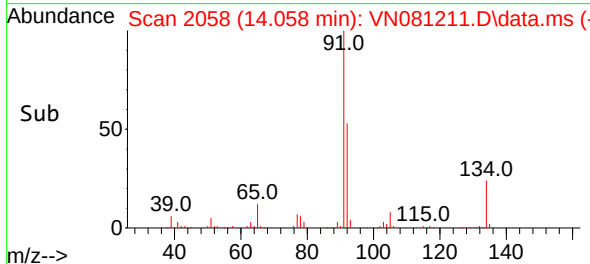
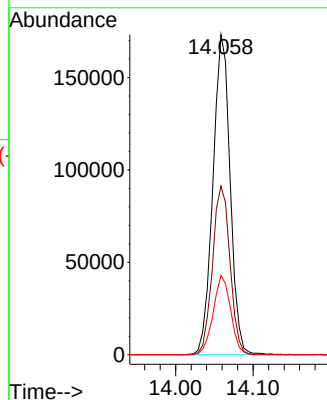
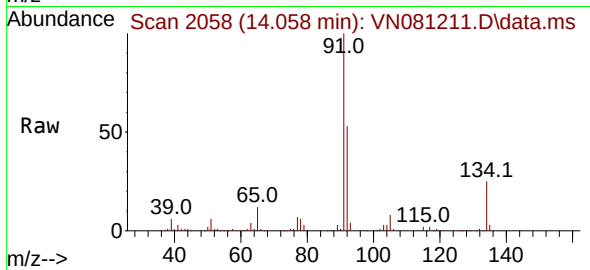
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.4  | 26.7  | 80.1  |
| 134 | 25.1  | 10.8  | 32.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#90

Hexachloroethane

Concen: 21.738 ug/l

RT: 14.335 min Scan# 2105

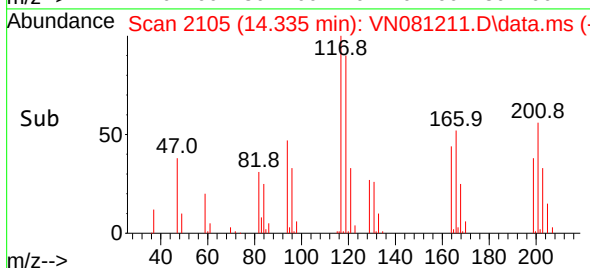
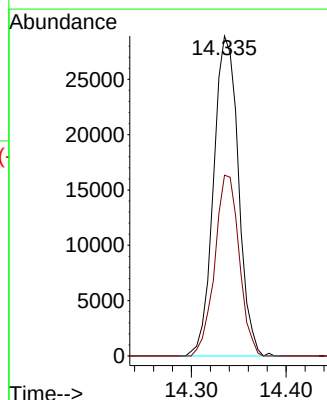
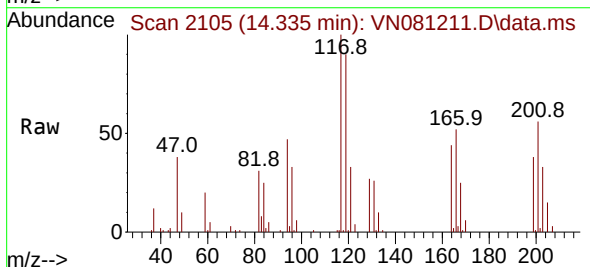
Delta R.T. -0.000 min

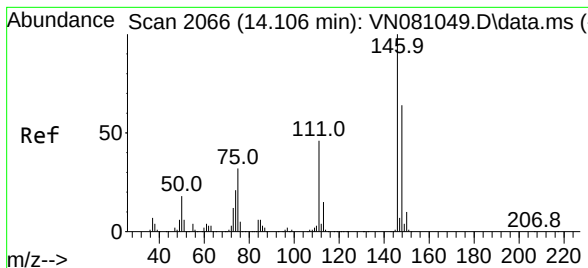
Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Tgt Ion:117 Resp: 52623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 55.6  | 30.0  | 90.0  |





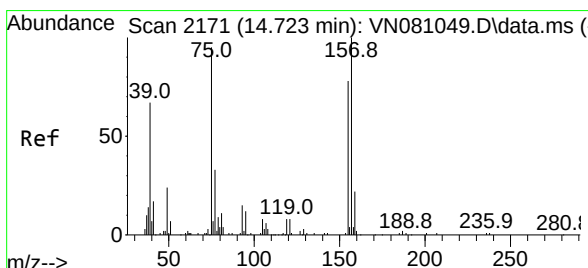
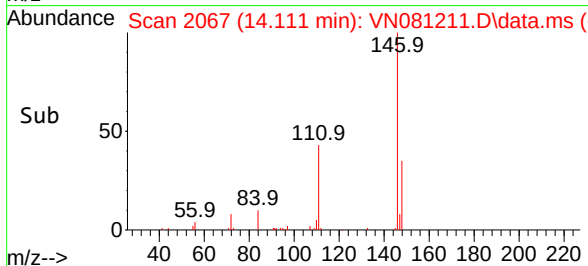
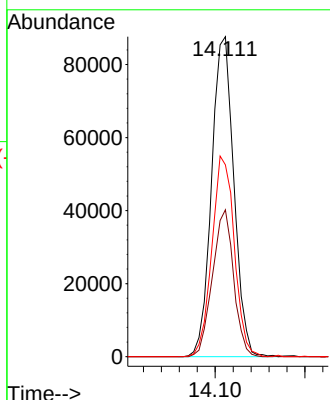
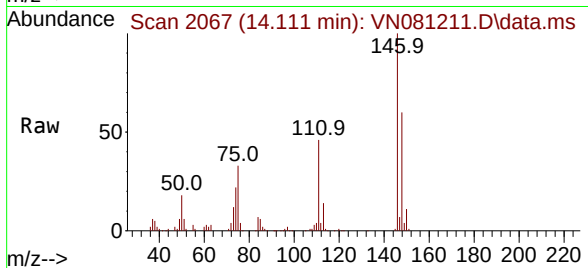
#91  
1,2-Dichlorobenzene  
Concen: 20.552 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01

Tgt Ion:146 Resp: 151079  
Ion Ratio Lower Upper  
146 100  
111 43.6 23.9 71.8  
148 63.1 31.4 94.0

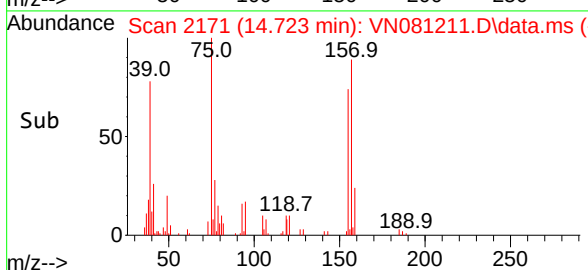
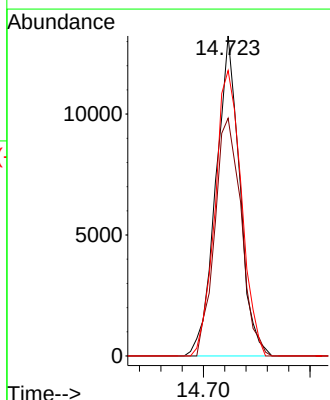
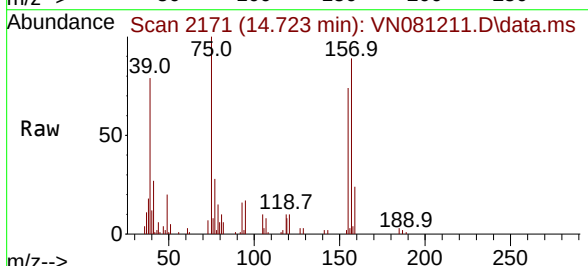
Manual Integrations  
APPROVED

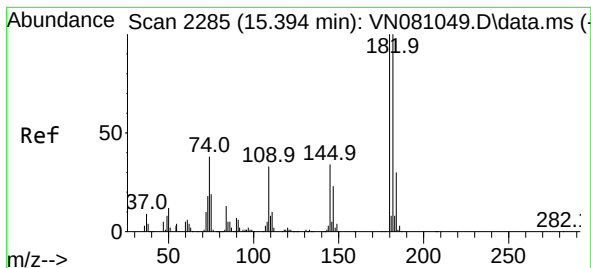
Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.453 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion: 75 Resp: 20574  
Ion Ratio Lower Upper  
75 100  
155 82.4 31.8 95.4  
157 98.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.489 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

Instrument :

MSVOA\_N

ClientSampleId :

VN0227WBS01

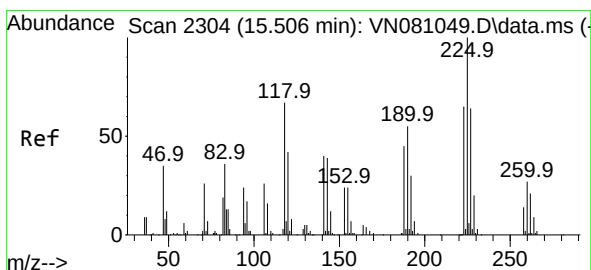
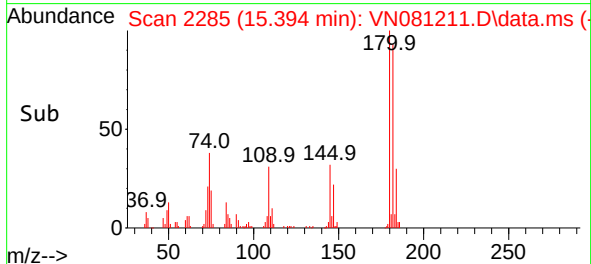
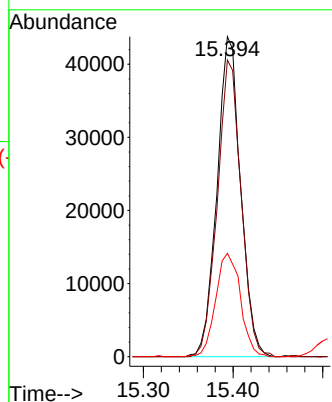
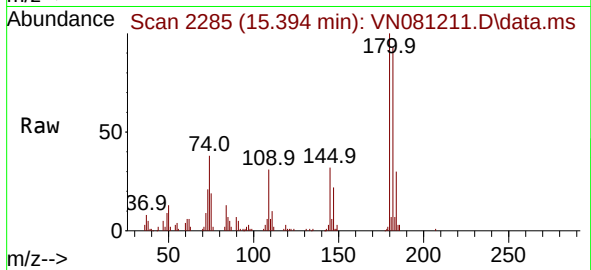
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 7992  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.2  | 46.6  | 139.7 |
| 145       | 33.8  | 16.8  | 50.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2024

Supervised By :Semsettin Yesilyurt 02/28/2024



#94

Hexachlorobutadiene

Concen: 20.245 ug/l

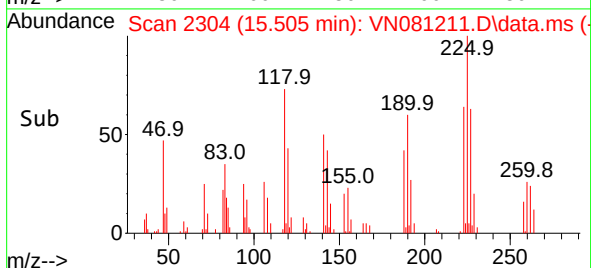
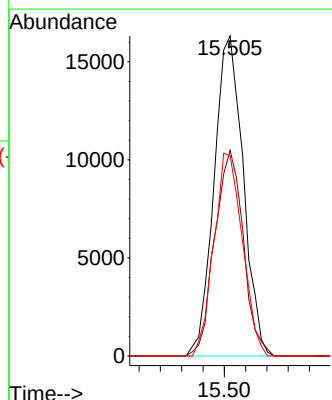
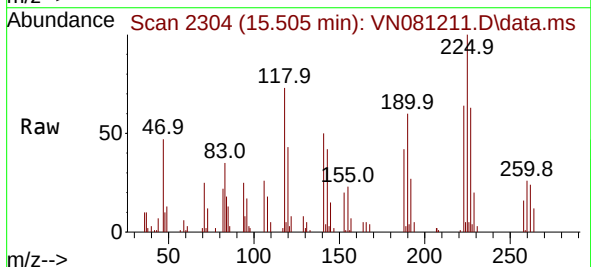
RT: 15.505 min Scan# 2304

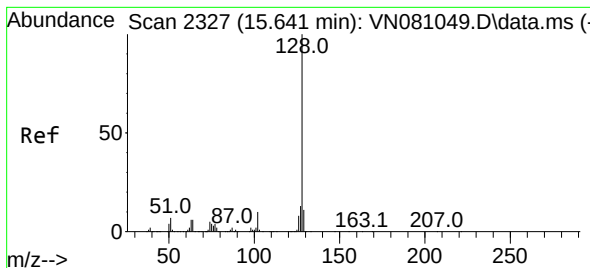
Delta R.T. -0.000 min

Lab File: VN081211.D

Acq: 27 Feb 2024 11:44

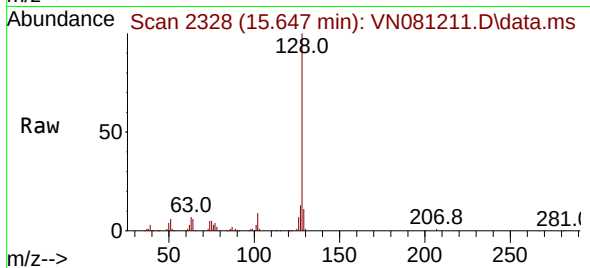
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 30964 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.8  | 33.3  | 99.8  |
| 227       | 62.2  | 33.1  | 99.2  |





#95  
Naphthalene  
Concen: 18.874 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

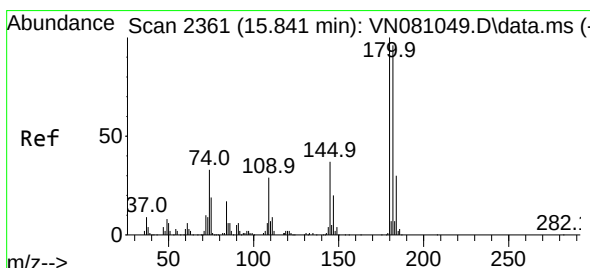
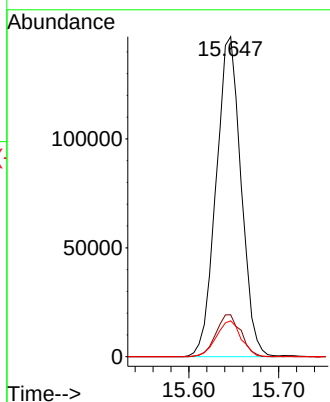
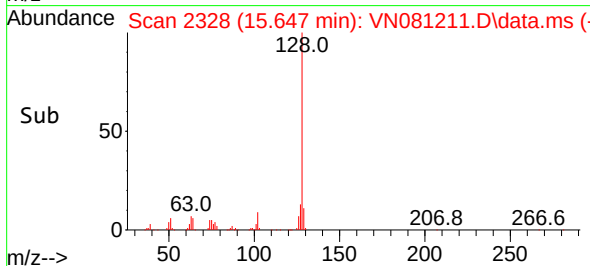
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0227WBS01



Tgt Ion:128 Resp: 283640  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.0 15.0  
129 11.2 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2024  
Supervised By :Semsettin Yesilyurt 02/28/2024



#96  
1,2,3-Trichlorobenzene  
Concen: 20.052 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN081211.D  
Acq: 27 Feb 2024 11:44

Tgt Ion:180 Resp: 81579  
Ion Ratio Lower Upper  
180 100  
182 93.6 46.5 139.3  
145 36.6 17.8 53.4

