

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112224\  
 Data File : VN085020.D  
 Acq On : 22 Nov 2024 20:52  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/25/2024  
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 03:27:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 165807   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 282273   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 244375   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 126177   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65    | 119484   | 50.590   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 101.180% |
| 35) Dibromofluoromethane    | 8.159  | 113   | 95064    | 49.940   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.880%  |
| 50) Toluene-d8              | 10.565 | 98    | 348915   | 51.146   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.300% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 138876   | 54.436   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 108.880% |

|                              |       |     |         |         |      |        |
|------------------------------|-------|-----|---------|---------|------|--------|
| Target Compounds             |       |     |         |         |      | Qvalue |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 85037   | 45.356  | ug/l | 100    |
| 3) Chloromethane             | 2.359 | 50  | 90354   | 41.551  | ug/l | 100    |
| 4) Vinyl Chloride            | 2.512 | 62  | 88359   | 45.215  | ug/l | 97     |
| 5) Bromomethane              | 2.901 | 94  | 48080   | 43.896  | ug/l | 97     |
| 6) Chloroethane              | 3.071 | 64  | 56281   | 42.728  | ug/l | 97     |
| 7) Trichlorofluoromethane    | 3.471 | 101 | 154195  | 46.385  | ug/l | 100    |
| 8) Diethyl Ether             | 3.953 | 74  | 55012   | 48.621  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluo... | 4.353 | 101 | 85855   | 45.536  | ug/l | 99     |
| 10) Methyl Iodide            | 4.577 | 142 | 120548  | 48.302  | ug/l | 99     |
| 11) Tert butyl alcohol       | 5.542 | 59  | 72462   | 229.593 | ug/l | 95     |
| 12) 1,1-Dichloroethene       | 4.324 | 96  | 82751   | 47.021  | ug/l | 98     |
| 13) Acrolein                 | 4.171 | 56  | 63713   | 302.534 | ug/l | 98     |
| 14) Allyl chloride           | 5.012 | 41  | 139522  | 47.028  | ug/l | 98     |
| 15) Acrylonitrile            | 5.712 | 53  | 223045  | 249.618 | ug/l | 100    |
| 16) Acetone                  | 4.424 | 43  | 183436  | 266.681 | ug/l | 99     |
| 17) Carbon Disulfide         | 4.700 | 76  | 220134  | 42.378  | ug/l | 98     |
| 18) Methyl Acetate           | 5.018 | 43  | 112511  | 51.203  | ug/l | 100    |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 282308  | 49.096  | ug/l | 99     |
| 20) Methylene Chloride       | 5.271 | 84  | 92544   | 44.090  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 84073   | 45.396  | ug/l | 93     |
| 22) Diisopropyl ether        | 6.665 | 45  | 281533  | 47.149  | ug/l | 99     |
| 23) Vinyl Acetate            | 6.594 | 43  | 1045904 | 253.901 | ug/l | 99     |
| 24) 1,1-Dichloroethane       | 6.559 | 63  | 167707  | 46.934  | ug/l | 100    |
| 25) 2-Butanone               | 7.483 | 43  | 281528  | 250.342 | ug/l | 99     |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 144671  | 43.359  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 103058  | 46.160  | ug/l | 99     |
| 28) Bromochloromethane       | 7.806 | 49  | 62601   | 46.411  | ug/l | 97     |
| 29) Tetrahydrofuran          | 7.835 | 42  | 182820  | 261.419 | ug/l | 99     |
| 30) Chloroform               | 7.959 | 83  | 171833  | 45.207  | ug/l | 94     |
| 31) Cyclohexane              | 8.253 | 56  | 135845  | 43.179  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane    | 8.159 | 97  | 159613  | 46.470  | ug/l | 97     |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 115546  | 44.814  | ug/l | 99     |
| 37) Ethyl Acetate            | 7.553 | 43  | 113589  | 48.460  | ug/l | 99     |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 139395  | 46.837  | ug/l | 95     |
| 39) Methylcyclohexane        | 9.594 | 83  | 125188  | 46.725  | ug/l | 97     |
| 40) Benzene                  | 8.600 | 78  | 375189  | 46.008  | ug/l | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Nov 23 03:27:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 23 02:54:10 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/25/2024  
 Supervised By :Mahesh Dadoda 11/25/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 65615    | 50.558  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 128351   | 46.006  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 202380   | 41.566  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 86845    | 45.825  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 90723    | 45.168  | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 63403    | 45.429  | ug/l   | 100      |
| 47) Bromodichloromethane      | 9.882  | 83   | 138510   | 46.825  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 92223    | 50.901  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 30357    | 966.160 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 596300   | 268.135 | ug/l   | 99       |
| 52) Toluene                   | 10.624 | 92   | 231070   | 47.864  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 134544   | 45.368  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 145629   | 46.288  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 86336    | 48.013  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 143775   | 54.717  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 149304   | 47.176  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 342109   | 265.424 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 443144   | 266.432 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 101844   | 46.342  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 86818    | 46.652  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.100 | 164  | 71306    | 43.303  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.888 | 112  | 240742   | 43.438  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 88250    | 45.226  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 433345   | 48.195  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 331642   | 96.880  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 159889   | 49.101  | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 273009   | 50.416  | ug/l   | 100      |
| 71) Bromoform                 | 12.576 | 173  | 71427    | 49.313  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 409728   | 46.030  | ug/l   | 99       |
| 74) N-ethyl acetate           | 12.494 | 43   | 178643   | 48.703  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 127388   | 41.909  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 103534m  | 45.112  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 100357   | 41.895  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 473235   | 46.093  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 302969   | 44.205  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 355712   | 47.623  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 45040    | 43.323  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 304819   | 42.723  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 298778   | 46.490  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 361290   | 46.990  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 403676   | 46.498  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 343655   | 47.952  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 181798   | 38.478  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 180327   | 37.400  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 279110   | 41.878  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 66086    | 42.304  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 177360   | 39.174  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 25395    | 43.206  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 83838    | 34.085  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 39524    | 34.818  | ug/l   | 99       |
| 95) Naphthalene               | 15.635 | 128  | 283029   | 40.401  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 86482    | 36.849  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112224\  
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Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

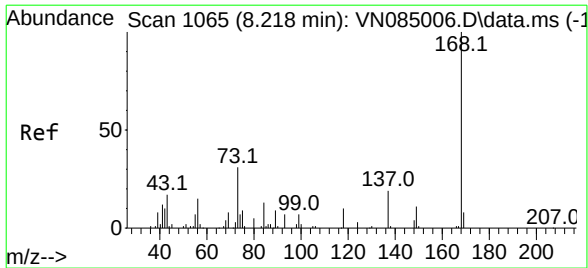
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 03:27:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112224W.M  
Quant Title : SW846 8260  
QLast Update : Sat Nov 23 02:54:10 2024  
Response via : Initial Calibration

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

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





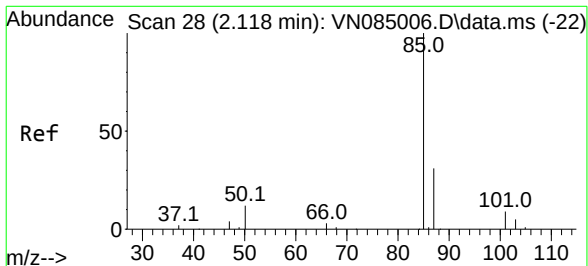
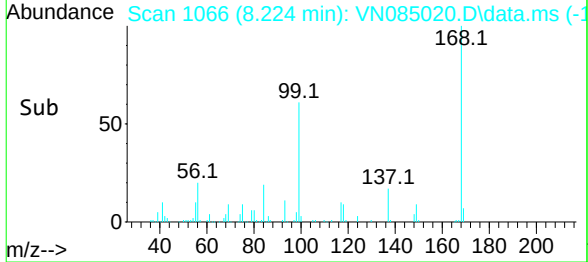
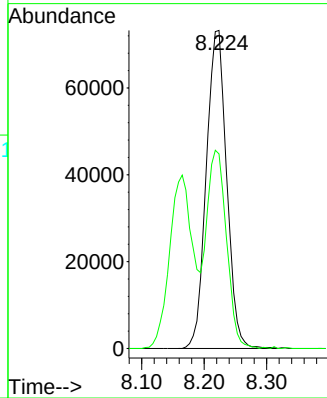
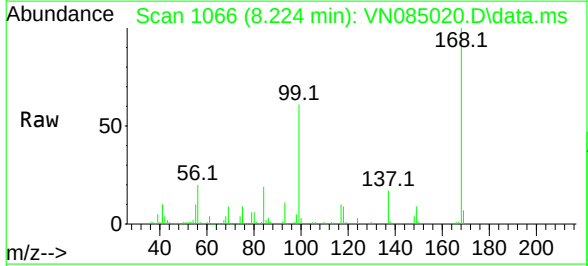
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 165807  
Ion Ratio Lower Upper  
168 100  
99 61.2 51.2 76.8

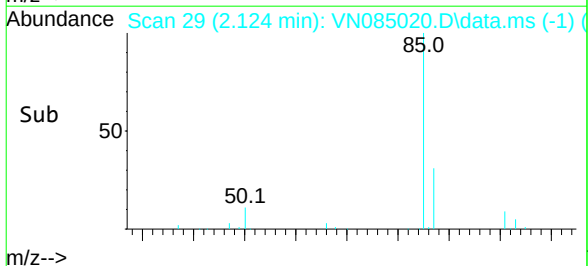
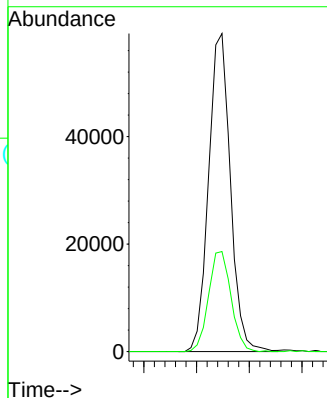
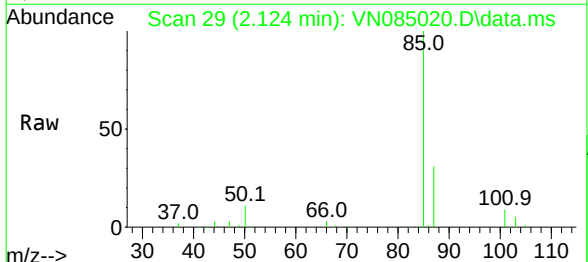
Manual Integrations  
APPROVED

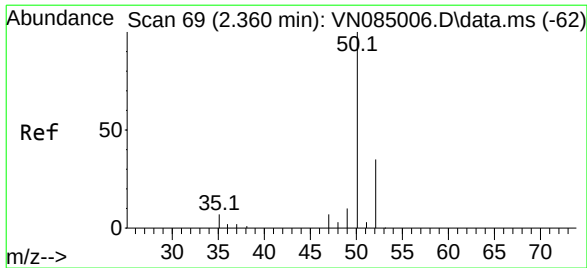
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#2  
Dichlorodifluoromethane  
Concen: 45.356 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

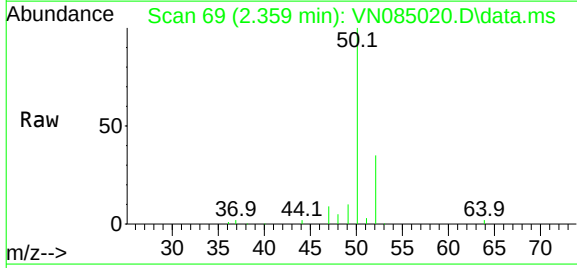
Tgt Ion: 85 Resp: 85037  
Ion Ratio Lower Upper  
85 100  
87 31.5 15.7 47.1





#3  
Chloromethane  
Concen: 41.551 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

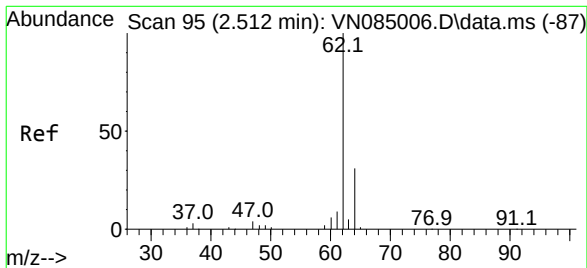
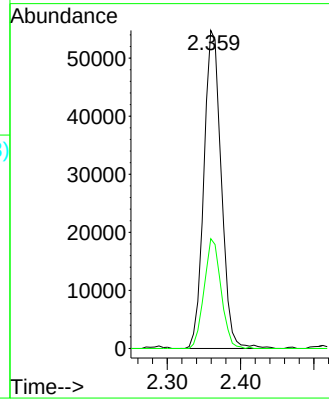
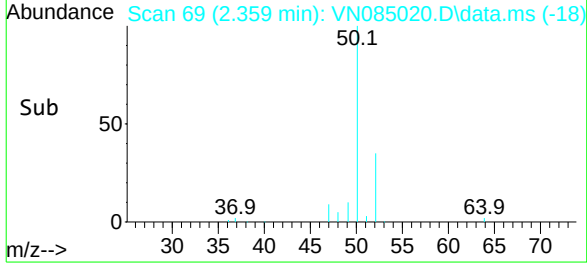
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 50 Resp: 90354  
Ion Ratio Lower Upper  
50 100  
52 34.5 27.8 41.8

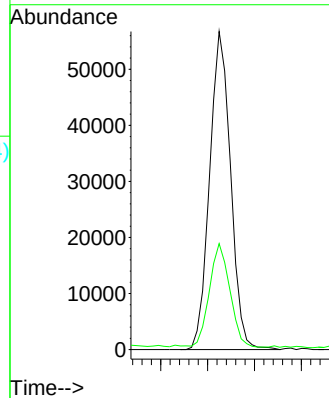
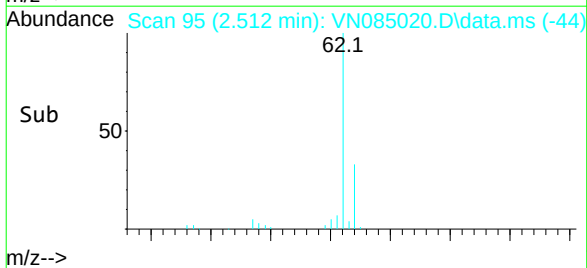
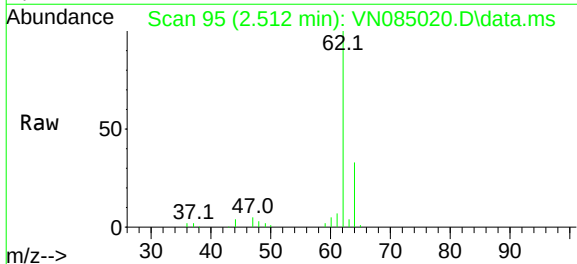
Manual Integrations  
APPROVED

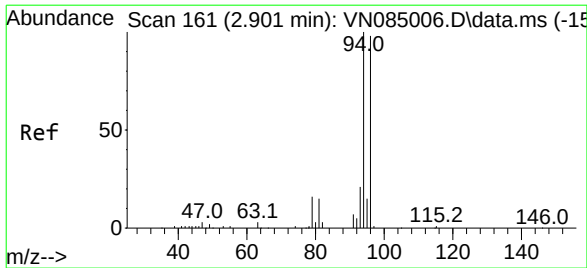
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#4  
Vinyl Chloride  
Concen: 45.215 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 62 Resp: 88359  
Ion Ratio Lower Upper  
62 100  
64 32.6 24.6 36.8





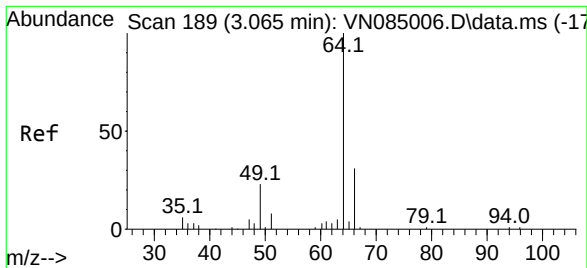
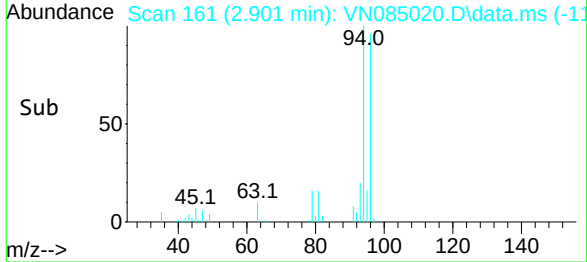
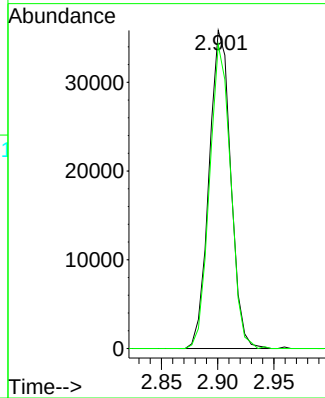
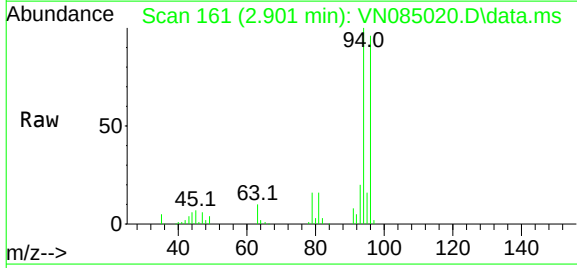
#5  
Bromomethane  
Concen: 43.896 ug/l  
RT: 2.901 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 48080  
Ion Ratio Lower Upper  
94 100  
96 95.5 78.7 118.1

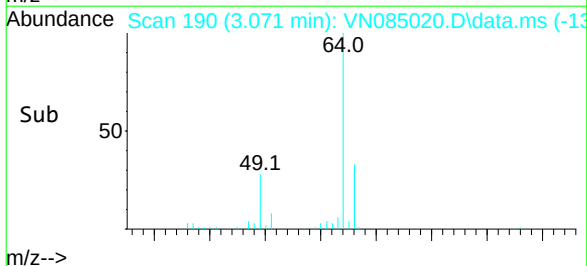
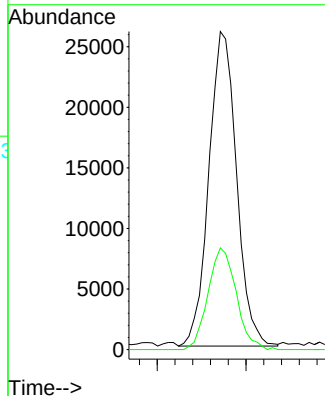
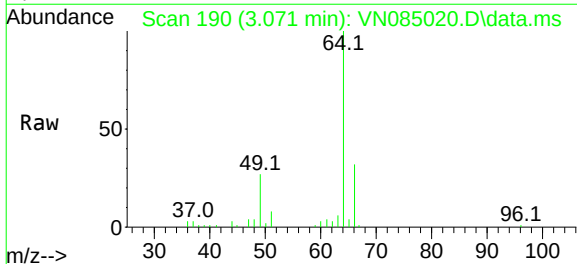
Manual Integrations  
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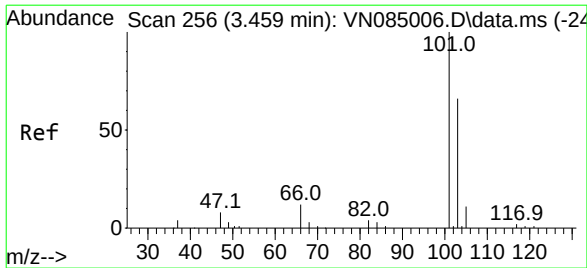
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#6  
Chloroethane  
Concen: 42.728 ug/l  
RT: 3.071 min Scan# 190  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

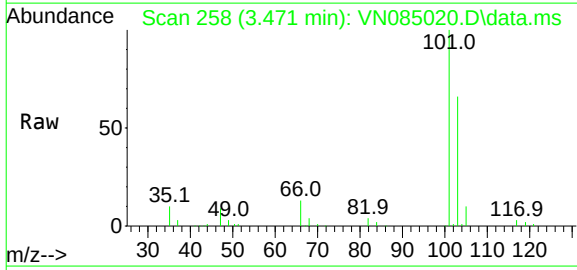
Tgt Ion: 64 Resp: 56281  
Ion Ratio Lower Upper  
64 100  
66 32.3 24.4 36.6





#7  
 Trichlorofluoromethane  
 Concen: 46.385 ug/l  
 RT: 3.471 min Scan# 256  
 Delta R.T. 0.012 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52

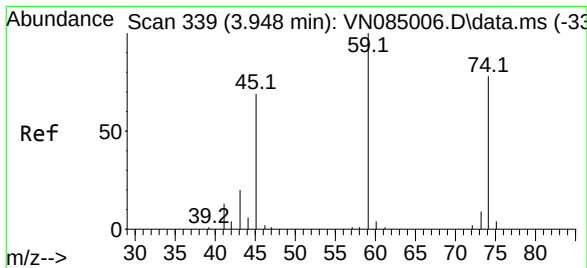
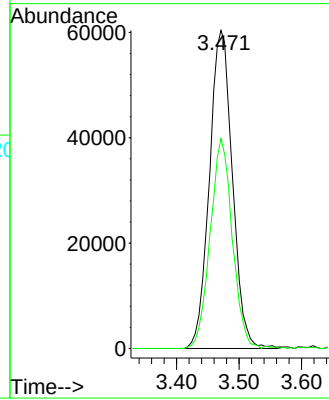
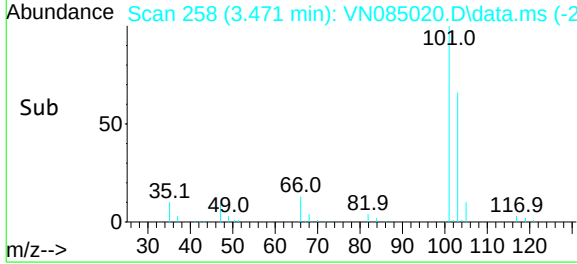
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 101 Resp: 154195  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 52.6 78.8

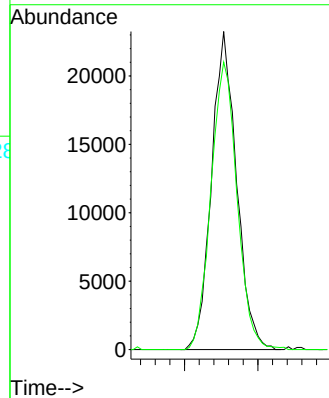
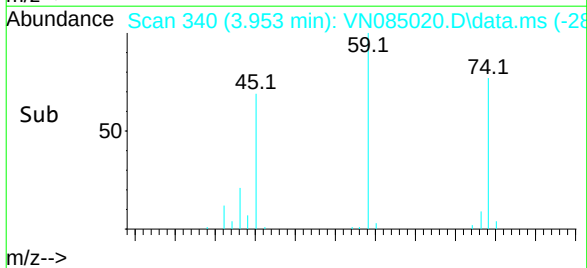
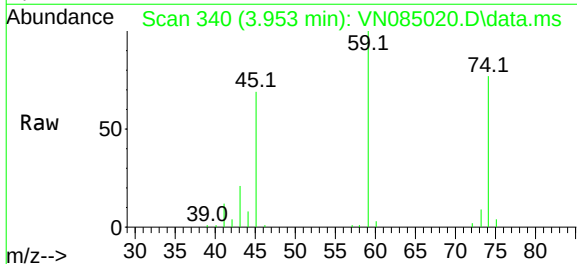
Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/25/2024  
 Supervised By : Mahesh Dadoda 11/25/2024

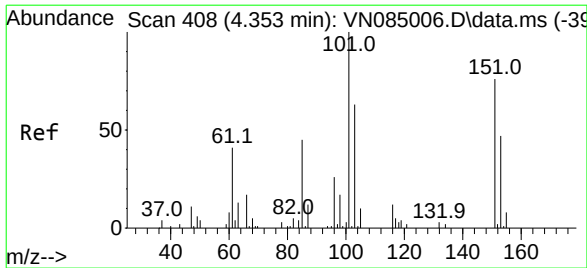


#8  
 Diethyl Ether  
 Concen: 48.621 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. 0.006 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52

Tgt Ion: 74 Resp: 55012  
 Ion Ratio Lower Upper  
 74 100  
 45 94.5 46.7 140.1







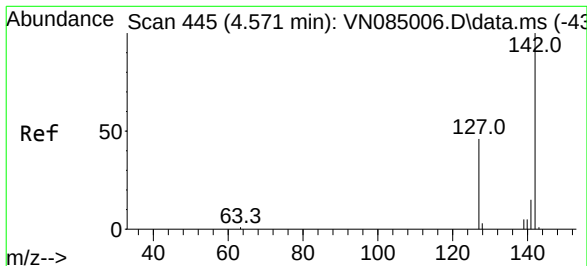
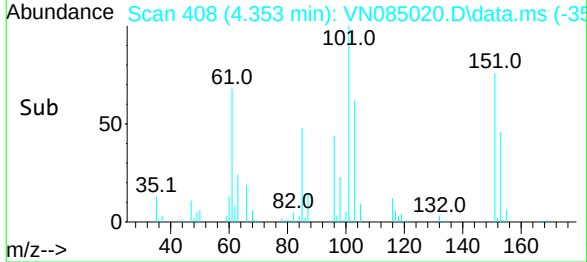
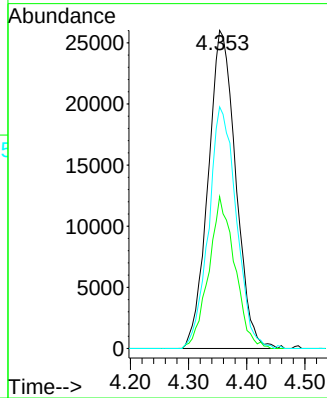
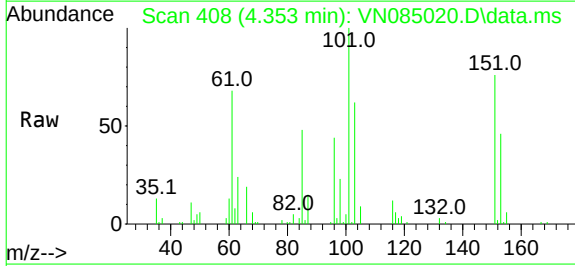
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.536 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 85855 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 36.9  | 55.3  |
| 151       | 76.0  | 60.8  | 91.2  |

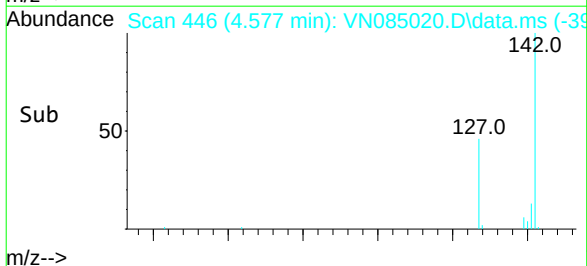
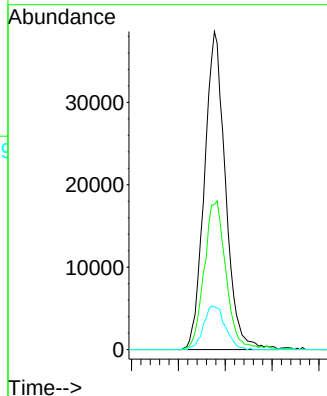
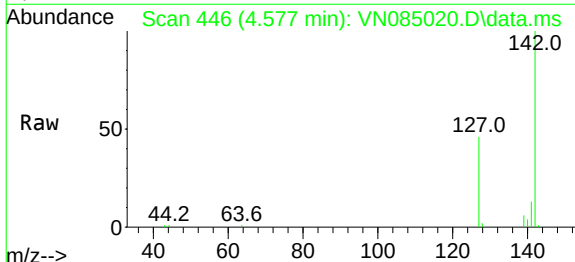
Manual Integrations  
APPROVED

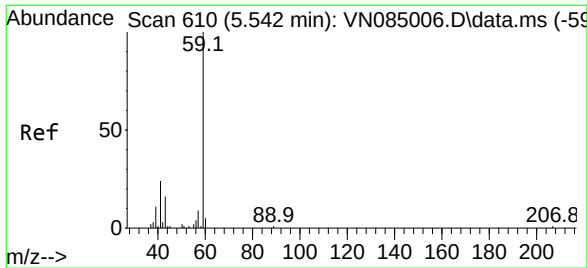
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#10  
Methyl Iodide  
Concen: 48.302 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 120548 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.6  | 36.6  | 54.8   |
| 141       | 13.5  | 12.2  | 18.4   |





#11

Tert butyl alcohol

Concen: 229.593 ug/l

RT: 5.542 min Scan# 610

Delta R.T. -0.000 min

Lab File: VN085020.D

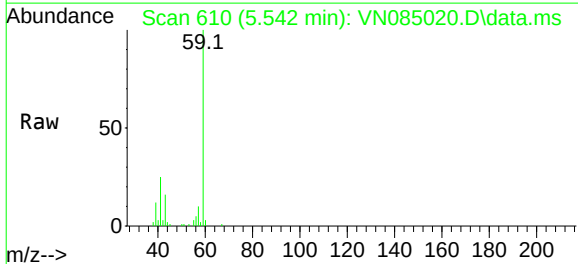
Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 72462

Ion Ratio Lower Upper

59 100

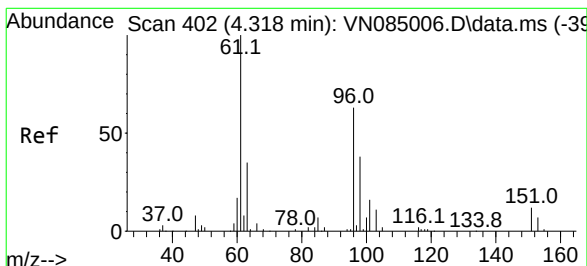
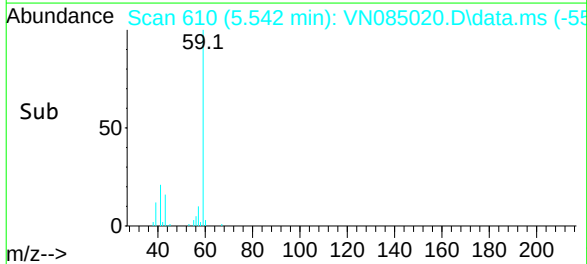
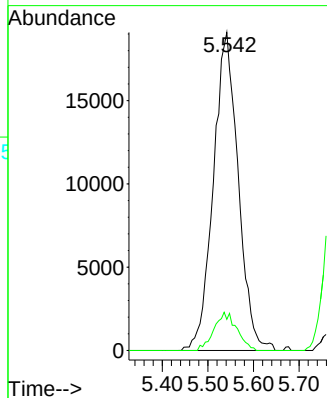
57 10.9 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 47.021 ug/l

RT: 4.324 min Scan# 403

Delta R.T. 0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

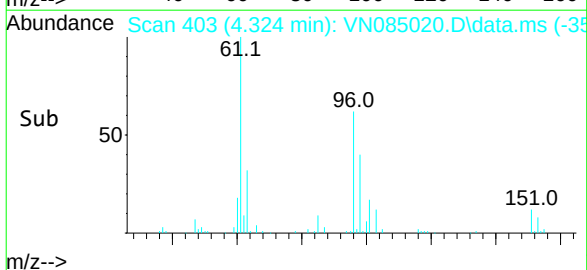
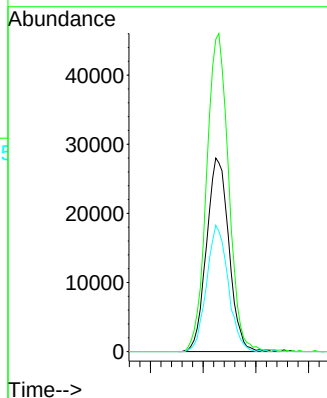
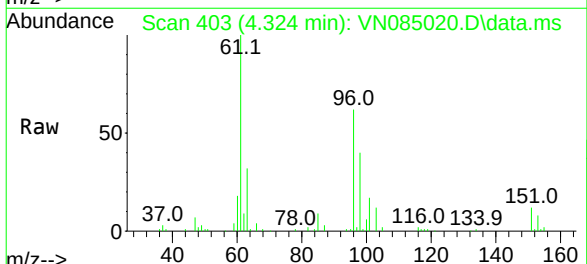
Tgt Ion: 96 Resp: 82751

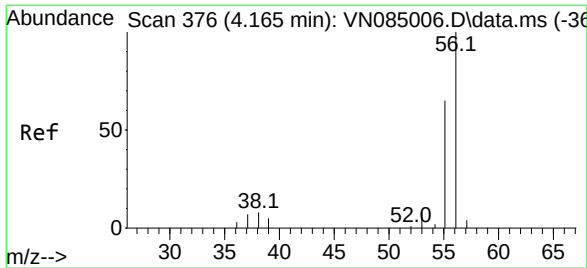
Ion Ratio Lower Upper

96 100

61 161.3 127.8 191.8

98 65.2 49.2 73.8





#13

Acrolein

Concen: 302.534 ug/l

RT: 4.171 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

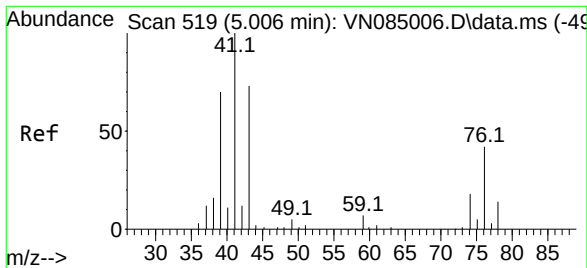
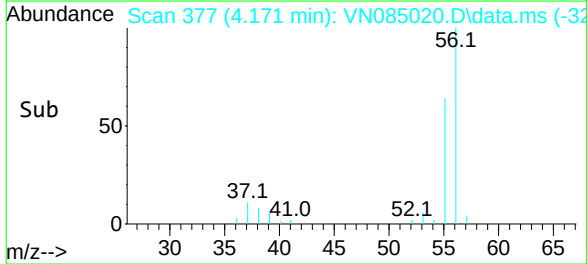
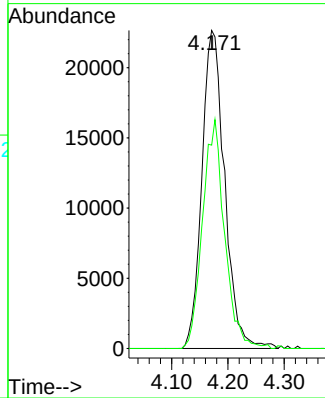
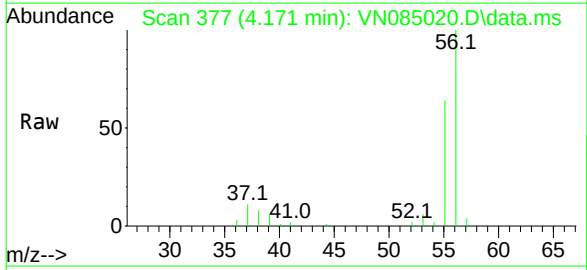
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 69.8  | 54.5  | 81.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 47.028 ug/l

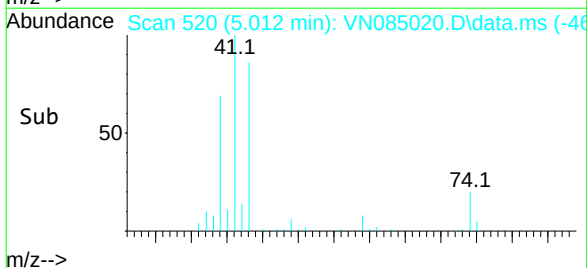
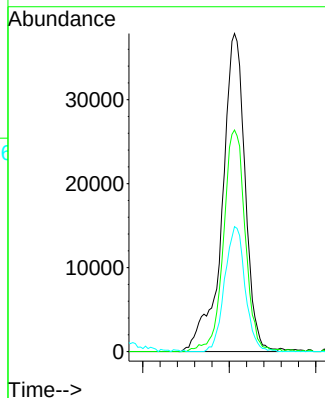
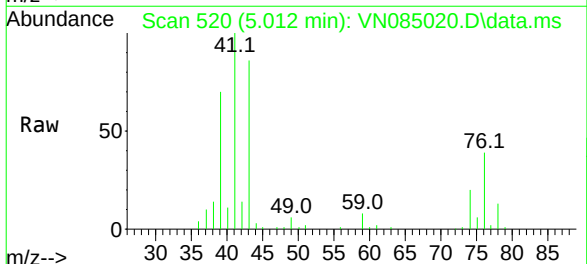
RT: 5.012 min Scan# 520

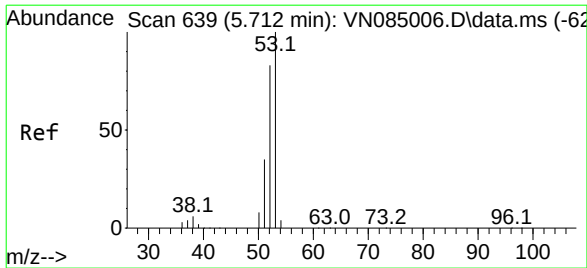
Delta R.T. 0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

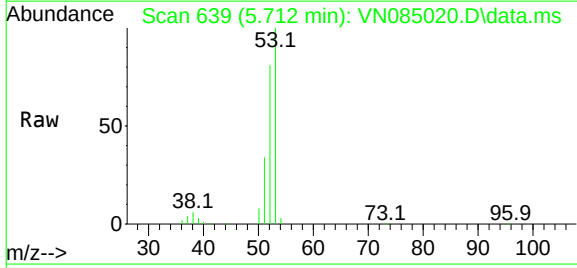
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 65.6  | 53.8  | 80.8  |
| 76      | 35.1  | 29.3  | 43.9  |





#15  
Acrylonitrile  
Concen: 249.618 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

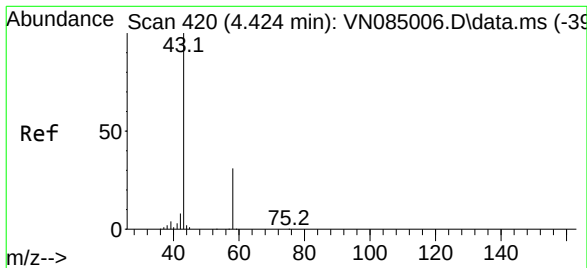
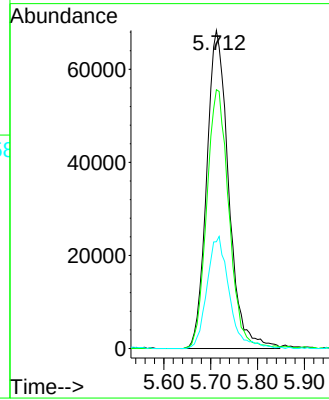
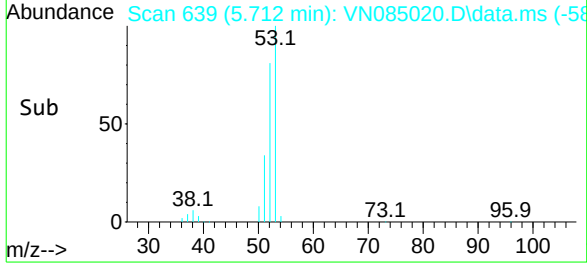
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



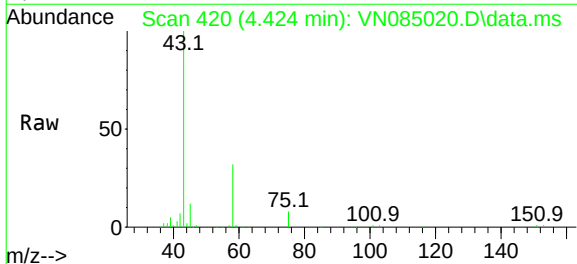
Tgt Ion: 53 Resp: 223045  
Ion Ratio Lower Upper  
53 100  
52 82.1 65.5 98.3  
51 35.7 28.4 42.6

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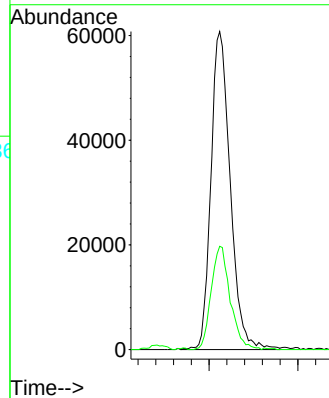
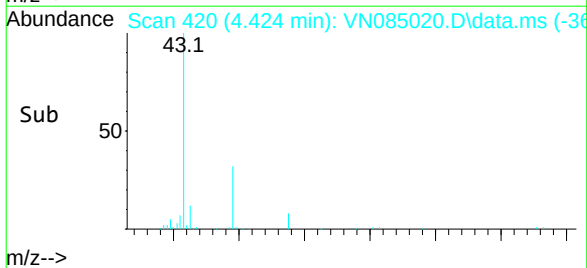
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024

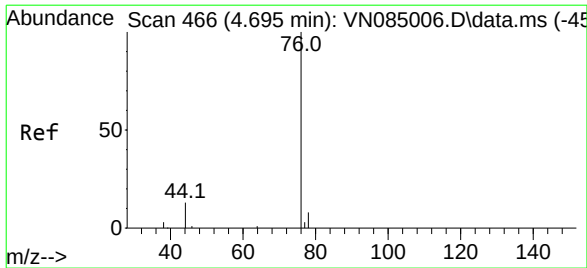


#16  
Acetone  
Concen: 266.681 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52



Tgt Ion: 43 Resp: 183436  
Ion Ratio Lower Upper  
43 100  
58 32.5 25.4 38.2





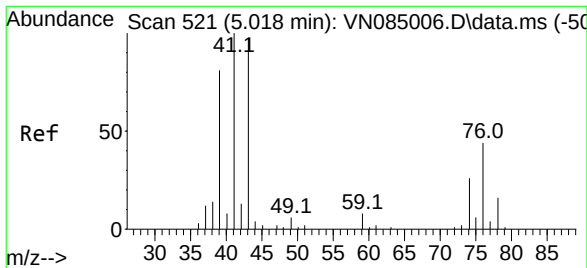
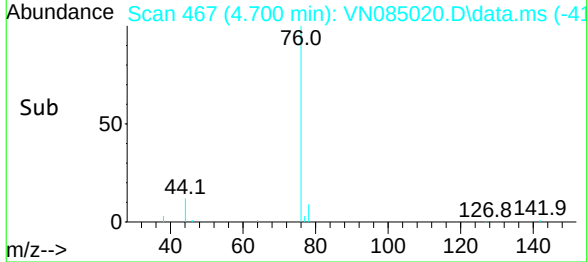
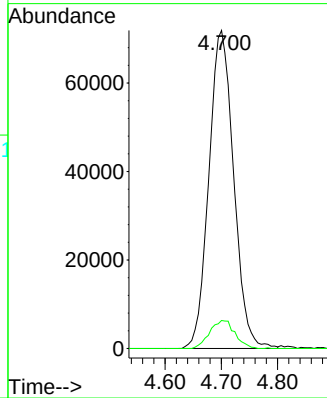
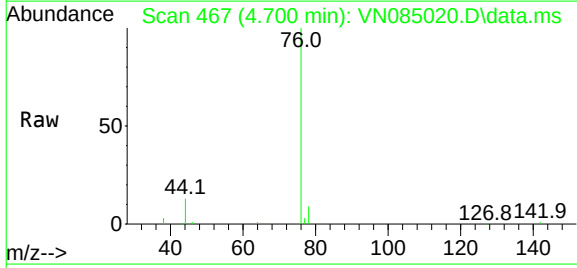
#17  
Carbon Disulfide  
Concen: 42.378 ug/l  
RT: 4.700 min Scan# 46  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 220134  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.5 9.7

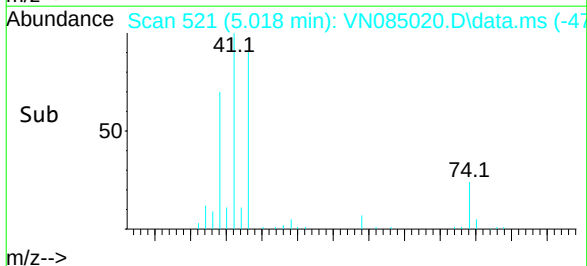
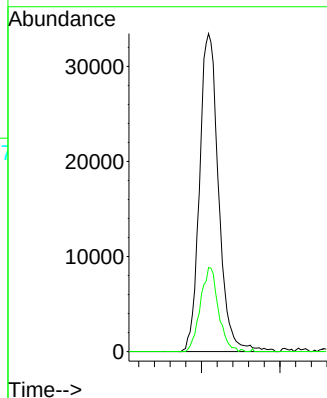
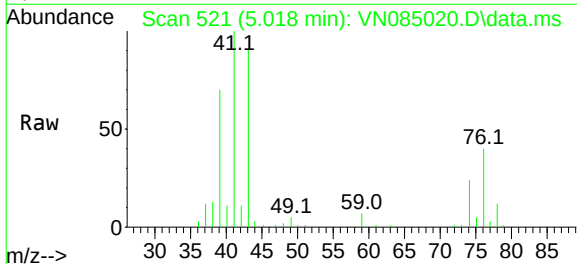
Manual Integrations  
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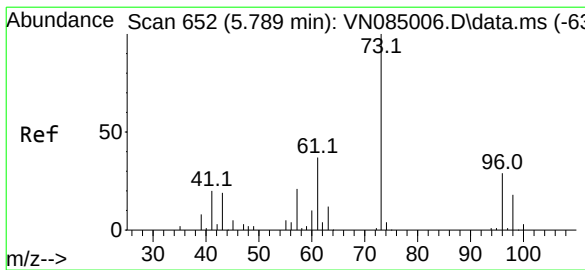
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#18  
Methyl Acetate  
Concen: 51.203 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 43 Resp: 112511  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.1 30.1





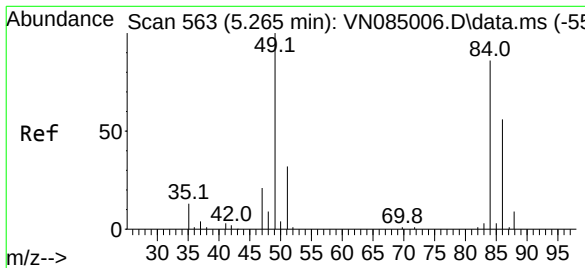
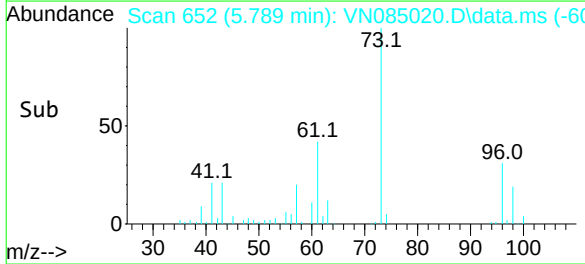
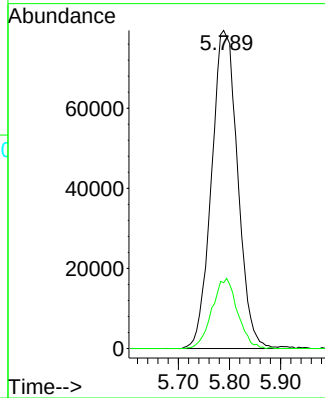
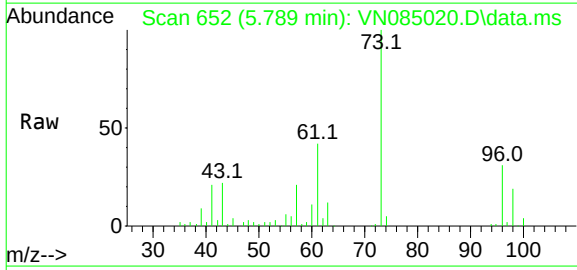
#19  
Methyl tert-butyl Ether  
Concen: 49.096 ug/l  
RT: 5.789 min Scan# 65  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 282308  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.0 25.4

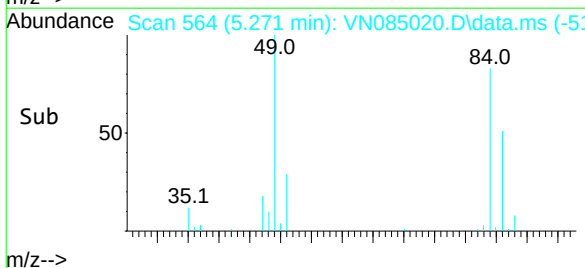
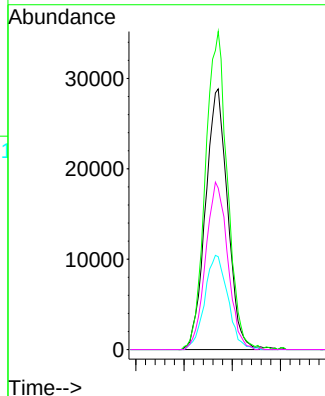
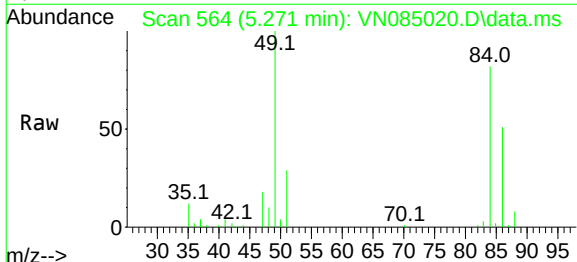
Manual Integrations  
APPROVED

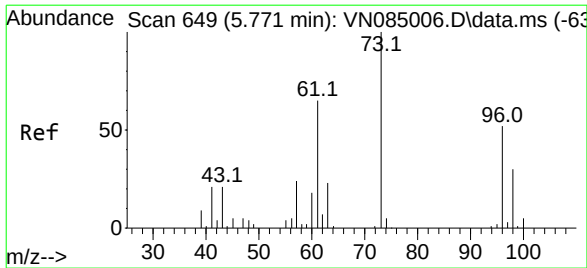
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#20  
Methylene Chloride  
Concen: 44.090 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 84 Resp: 92544  
Ion Ratio Lower Upper  
84 100  
49 122.0 92.7 139.1  
51 35.6 29.4 44.2  
86 61.9 51.9 77.9





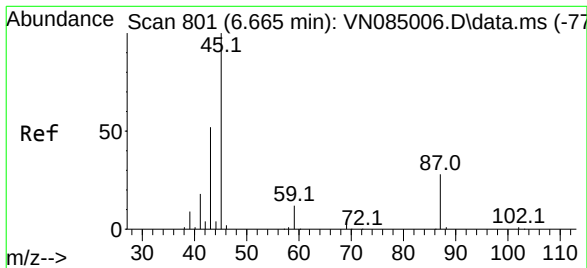
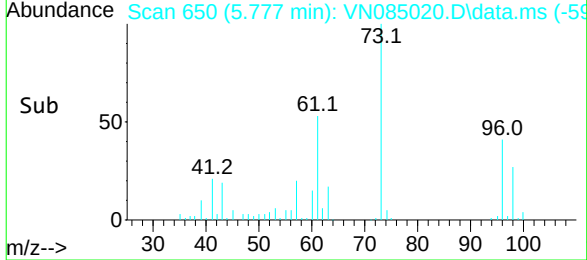
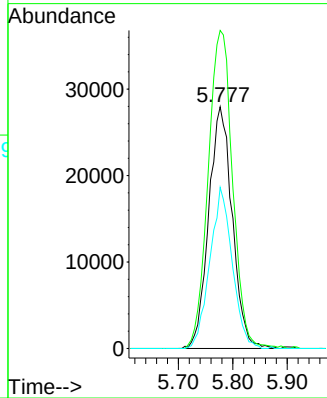
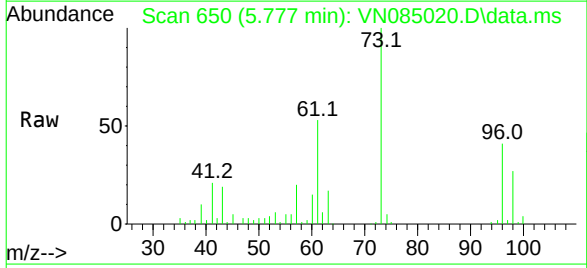
#21  
trans-1,2-Dichloroethene  
Concen: 45.396 ug/l  
RT: 5.777 min Scan# 65  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 84073  
Ion Ratio Lower Upper  
96 100  
61 131.6 100.7 151.1  
98 66.6 45.8 68.6

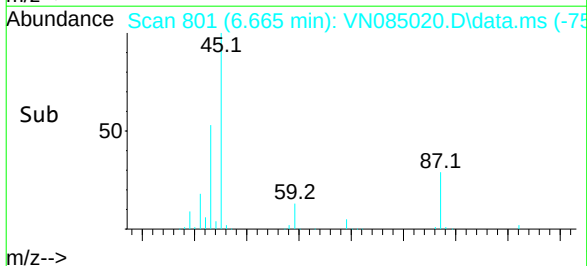
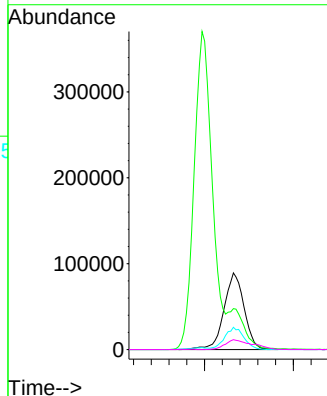
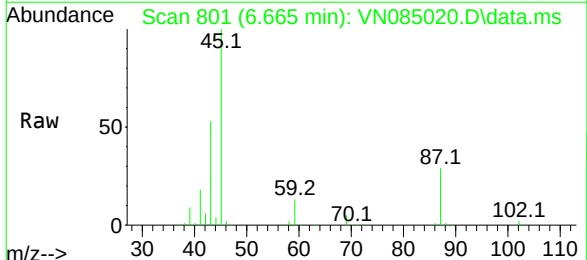
Manual Integrations  
APPROVED

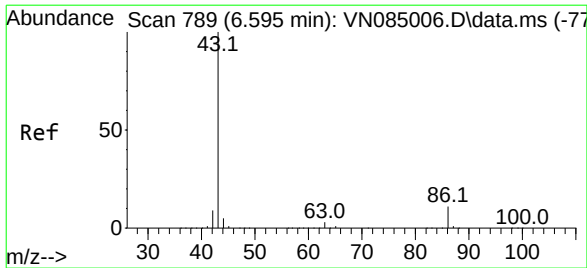
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#22  
Diisopropyl ether  
Concen: 47.149 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 45 Resp: 281533  
Ion Ratio Lower Upper  
45 100  
43 52.6 42.7 64.1  
87 29.0 22.6 34.0  
59 12.7 9.9 14.9





#23

Vinyl Acetate

Concen: 253.901 ug/l

RT: 6.594 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1045904

Ion Ratio Lower Upper

43 100

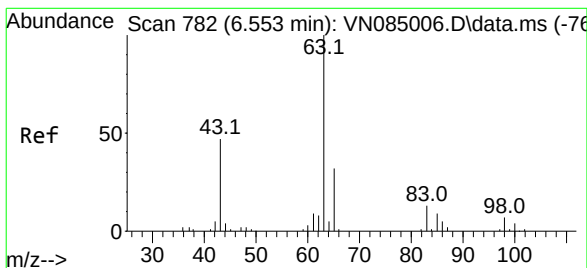
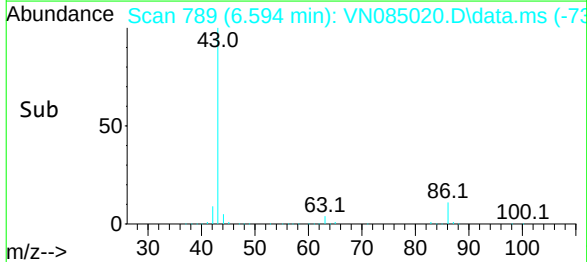
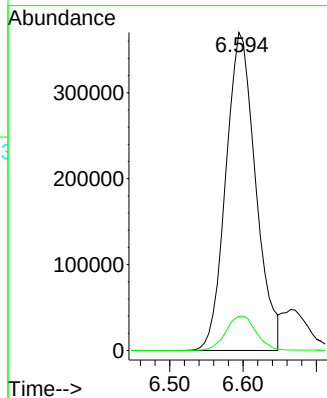
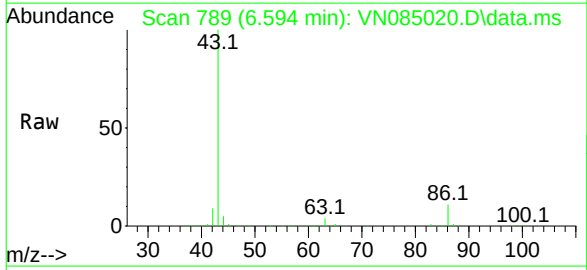
86 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#24

1,1-Dichloroethane

Concen: 46.934 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

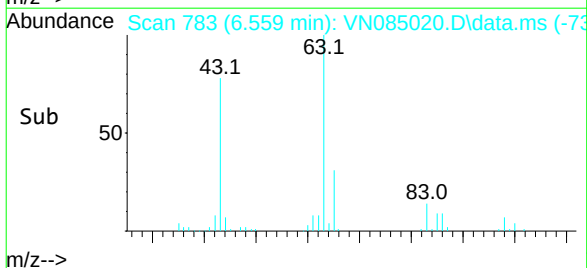
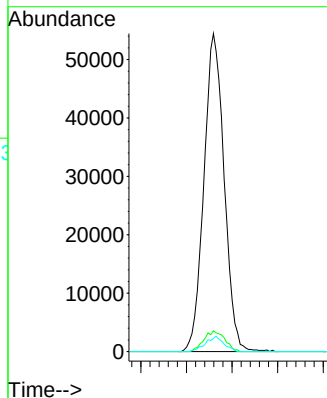
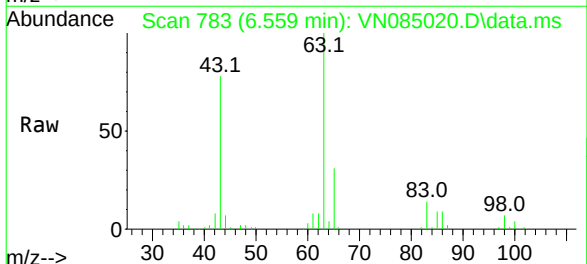
Tgt Ion: 63 Resp: 167707

Ion Ratio Lower Upper

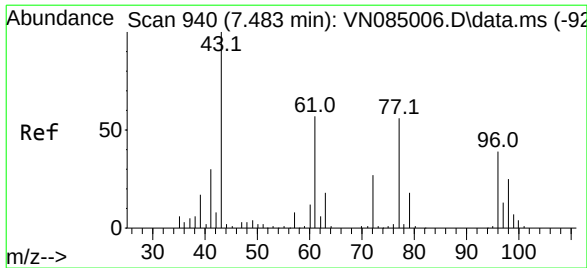
63 100

98 6.5 3.3 9.8

100 4.2 2.2 6.6

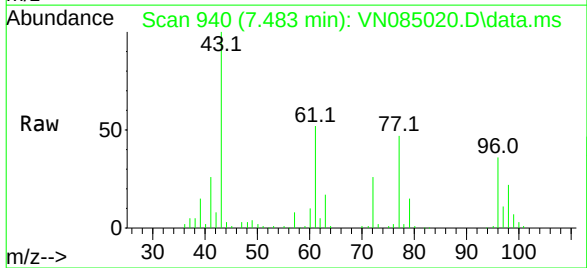






#25  
2-Butanone  
Concen: 250.342 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

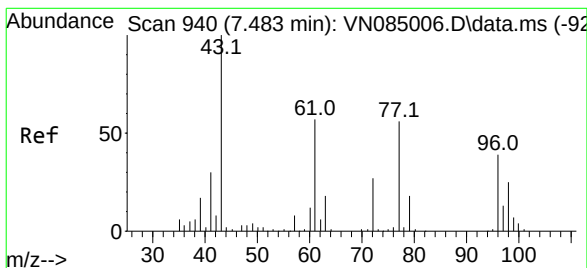
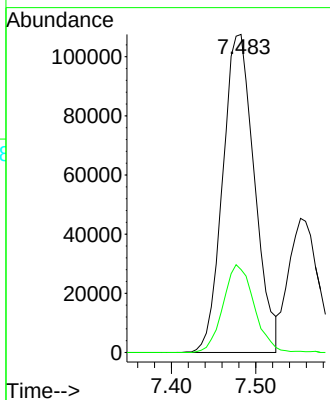
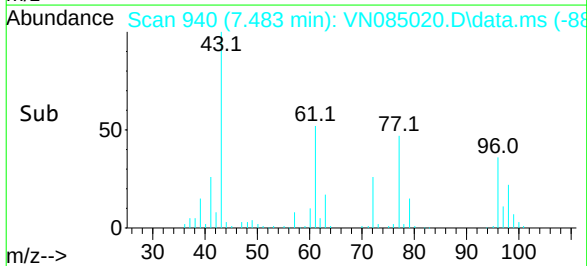
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



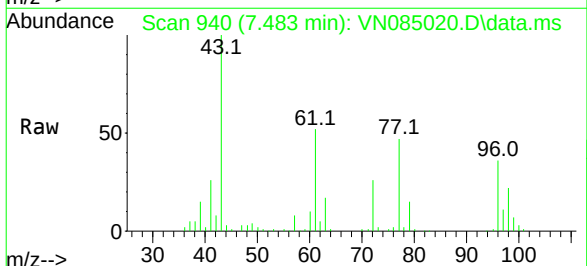
Tgt Ion: 43 Resp: 281528  
Ion Ratio Lower Upper  
43 100  
72 26.1 21.4 32.0

Manual Integrations  
APPROVED

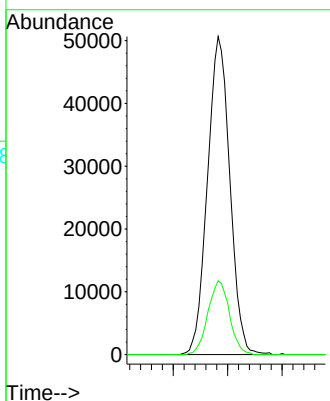
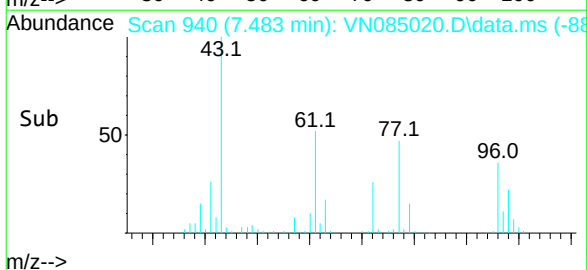
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024

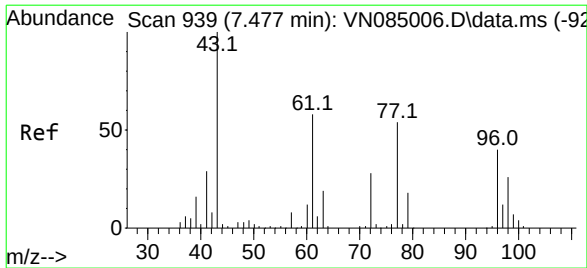


#26  
2,2-Dichloropropane  
Concen: 43.359 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52



Tgt Ion: 77 Resp: 144671  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.9 32.7





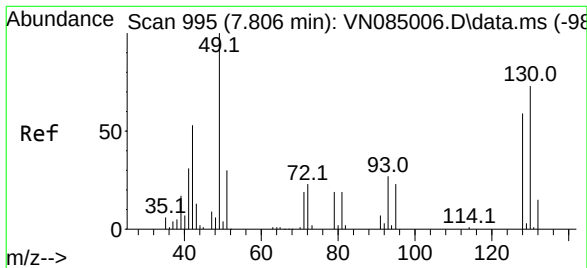
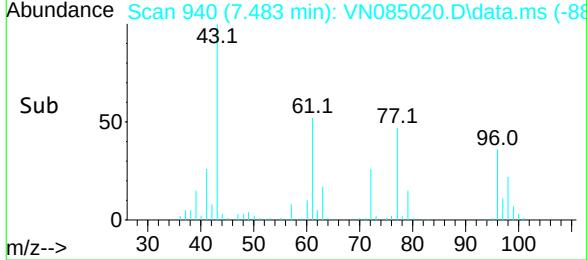
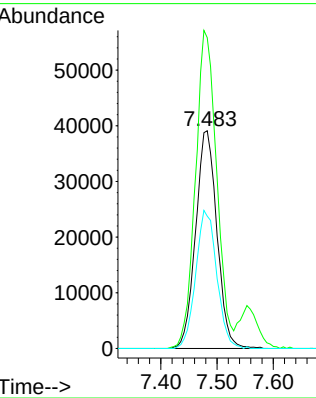
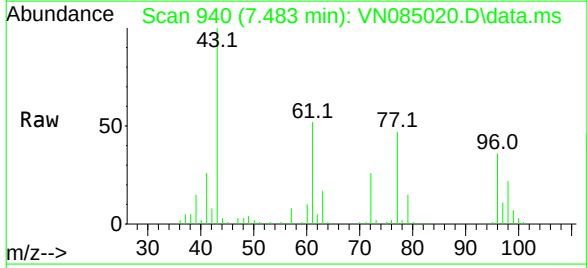
#27  
cis-1,2-Dichloroethene  
Concen: 46.160 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 103058  
Ion Ratio Lower Upper  
96 100  
61 145.6 0.0 291.6  
98 62.6 0.0 129.8

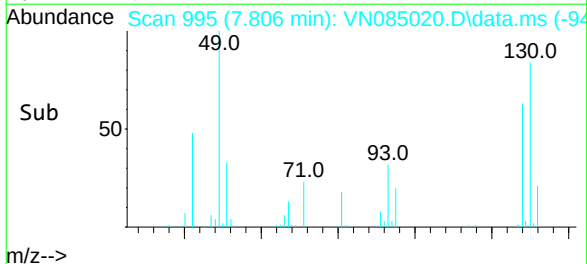
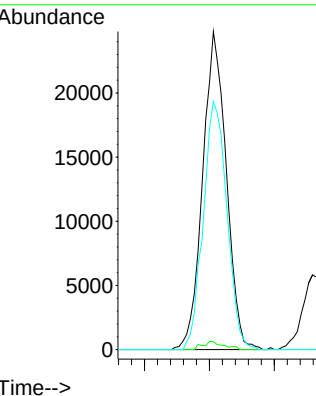
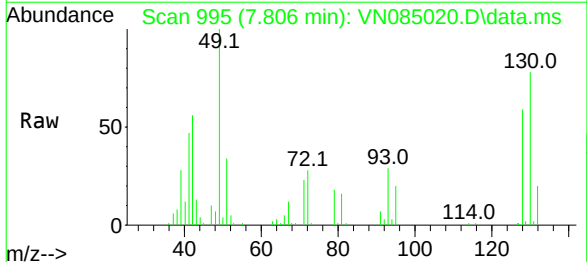
Manual Integrations  
APPROVED

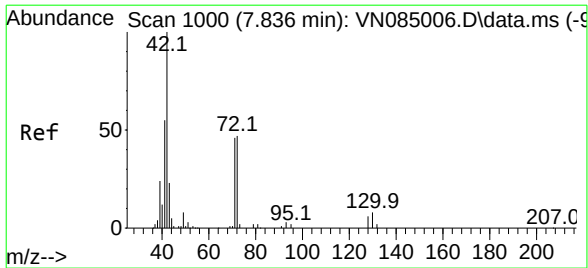
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#28  
Bromochloromethane  
Concen: 46.411 ug/l  
RT: 7.806 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 49 Resp: 62601  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.0  
130 78.2 60.6 90.8





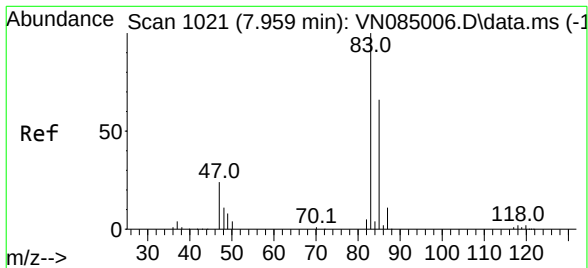
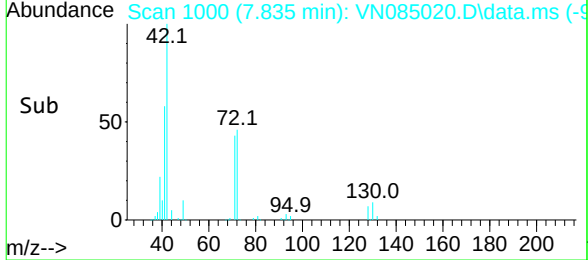
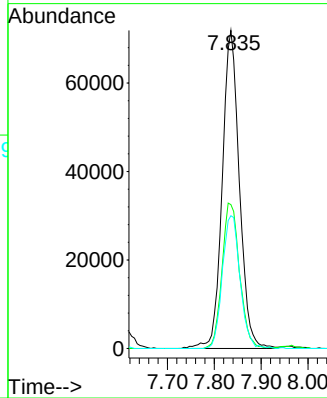
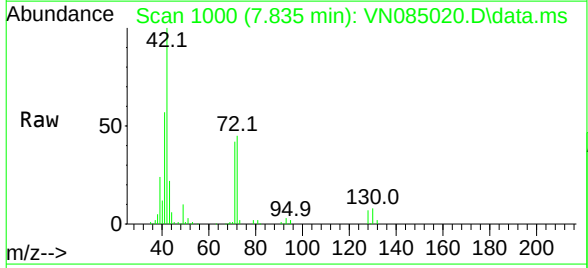
#29  
Tetrahydrofuran  
Concen: 261.419 ug/l  
RT: 7.835 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 42 Resp: 182820  
Ion Ratio Lower Upper  
42 100  
72 46.7 37.0 55.4  
71 43.0 35.0 52.4

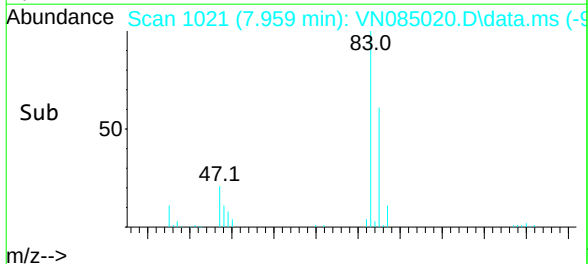
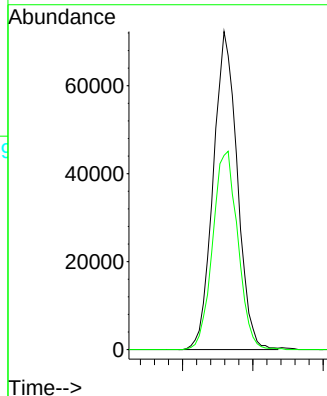
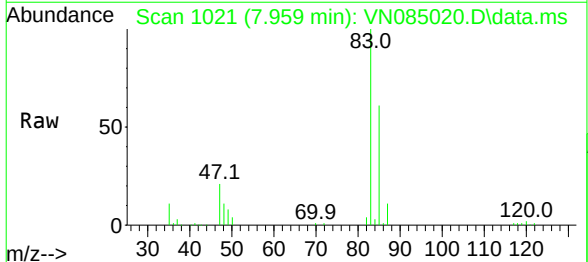
Manual Integrations  
APPROVED

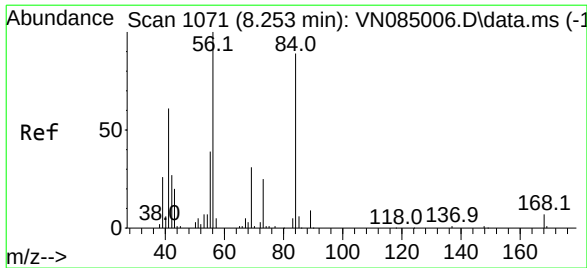
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#30  
Chloroform  
Concen: 45.207 ug/l  
RT: 7.959 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

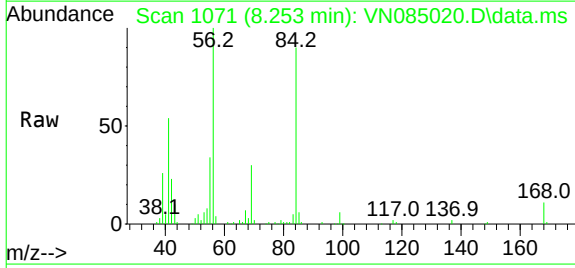
Tgt Ion: 83 Resp: 171833  
Ion Ratio Lower Upper  
83 100  
85 61.0 52.6 78.8





#31  
Cyclohexane  
Concen: 43.179 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

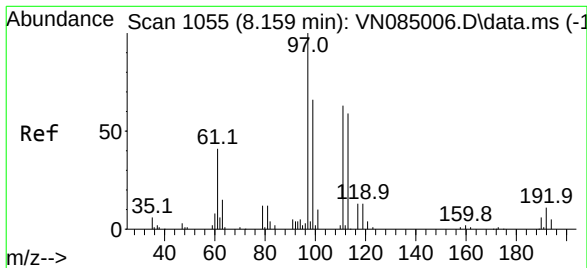
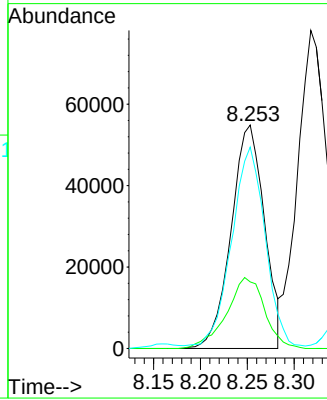
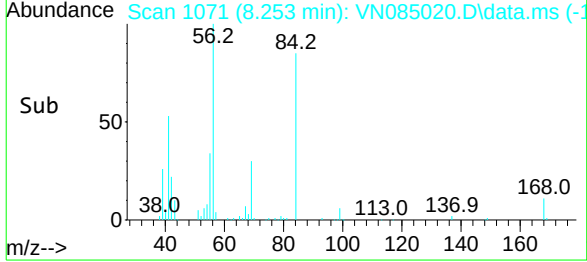
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 135845  
Ion Ratio Lower Upper  
56 100  
69 29.8 24.6 36.8  
84 88.8 71.4 107.2

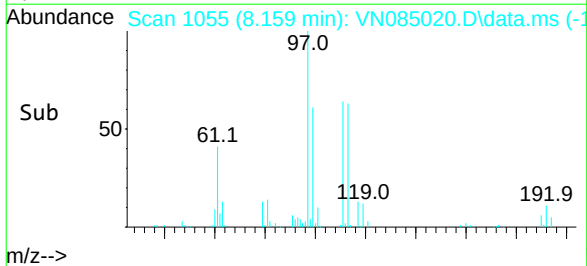
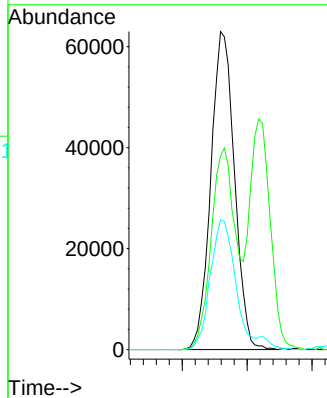
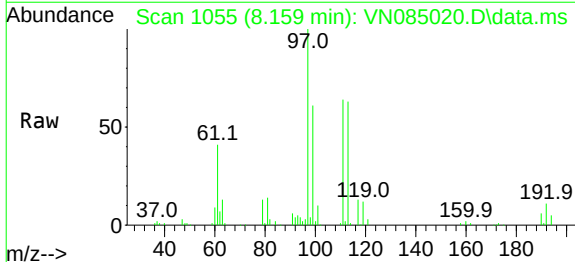
Manual Integrations  
APPROVED

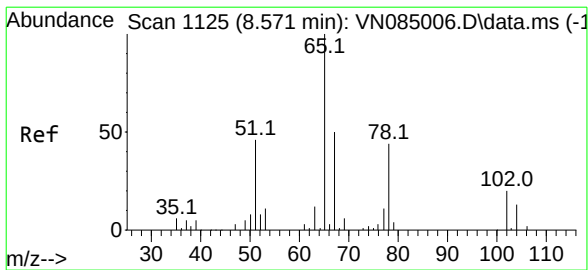
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#32  
1,1,1-Trichloroethane  
Concen: 46.470 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

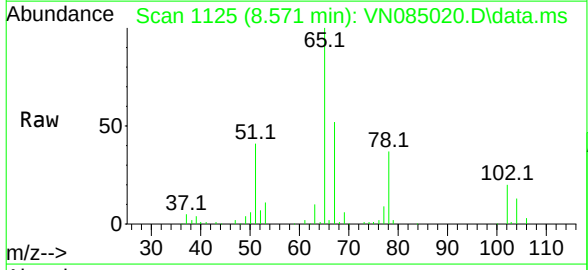
Tgt Ion: 97 Resp: 159613  
Ion Ratio Lower Upper  
97 100  
99 66.3 51.0 76.4  
61 42.9 36.2 54.2





#33  
 1,2-Dichloroethane-d4  
 Concen: 50.590 ug/l  
 RT: 8.571 min Scan# 1112  
 Delta R.T. -0.000 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52

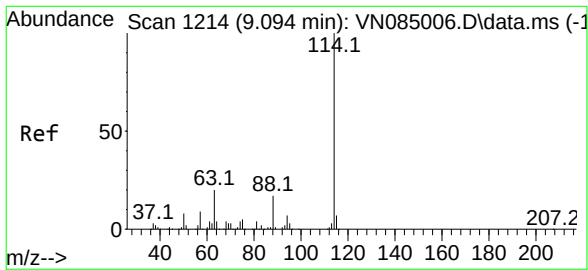
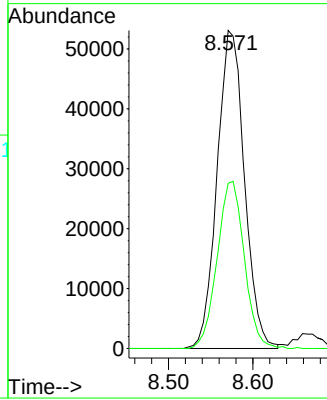
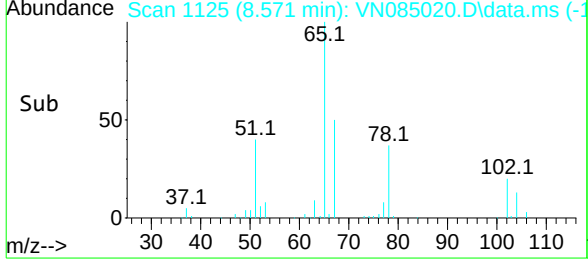
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



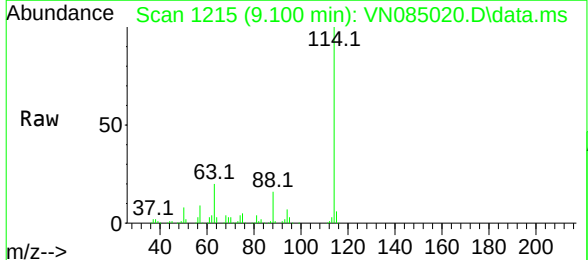
Tgt Ion: 65 Resp: 119484  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 105.0

Manual Integrations  
**APPROVED**

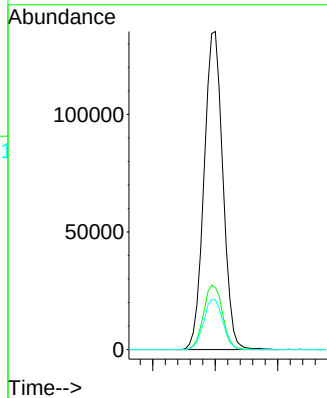
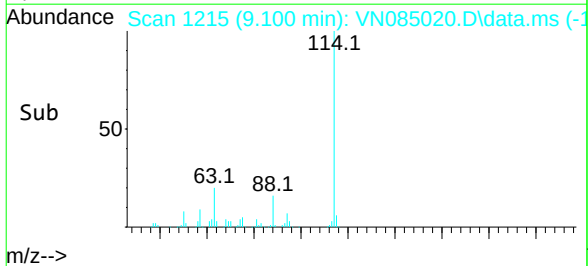
Reviewed By :John Carlone 11/25/2024  
 Supervised By :Mahesh Dadoda 11/25/2024

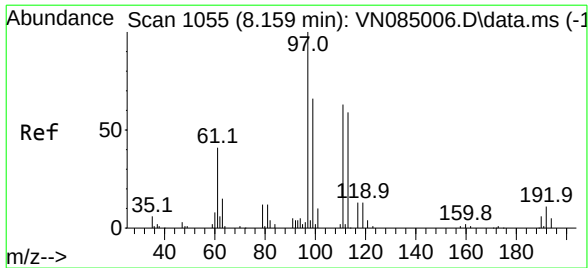


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. 0.006 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52



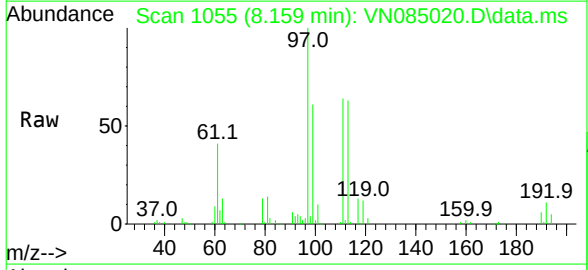
Tgt Ion:114 Resp: 282273  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 41.0  
 88 15.7 0.0 34.8





#35  
 Dibromofluoromethane  
 Concen: 49.940 ug/l  
 RT: 8.159 min Scan# 1055  
 Delta R.T. -0.000 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52

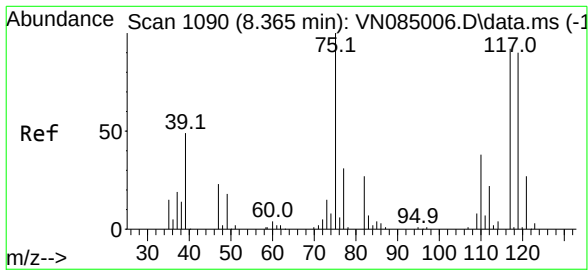
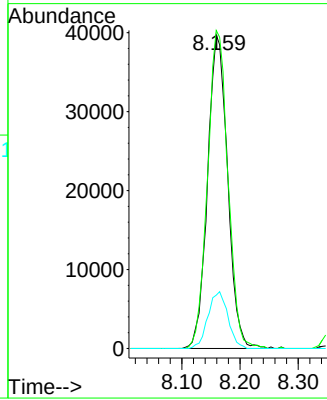
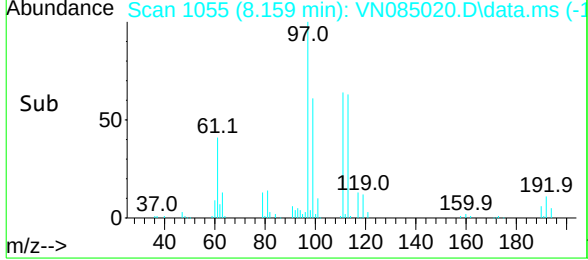
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 95064 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.3 | 82.0  | 123.0 |
| 192      | 18.0  | 14.8  | 22.2  |

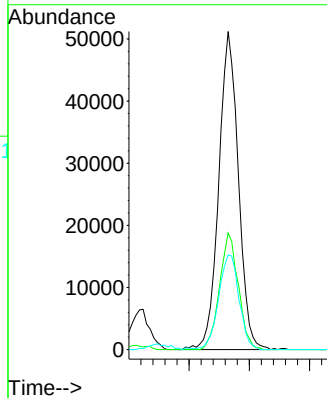
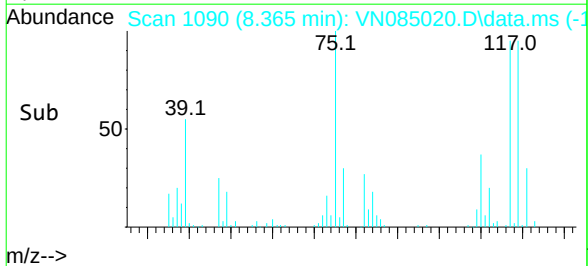
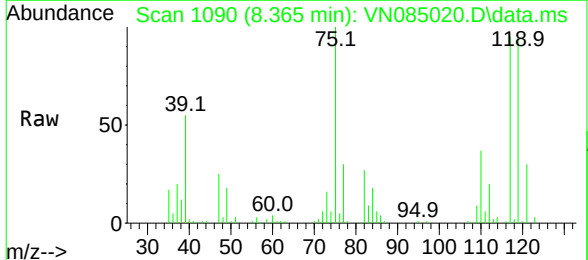
Manual Integrations  
 APPROVED

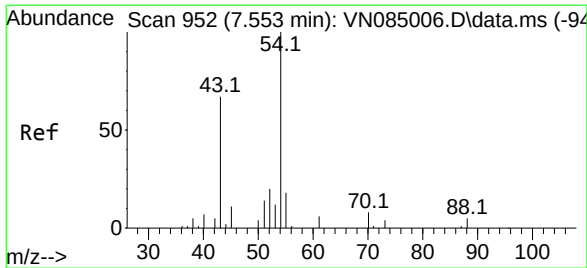
Reviewed By :John Carlone 11/25/2024  
 Supervised By :Mahesh Dadoda 11/25/2024



#36  
 1,1-Dichloropropene  
 Concen: 44.814 ug/l  
 RT: 8.365 min Scan# 1090  
 Delta R.T. -0.000 min  
 Lab File: VN085020.D  
 Acq: 22 Nov 2024 20:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 115546 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 35.1  | 17.2  | 51.6   |
| 77       | 31.1  | 24.2  | 36.4   |





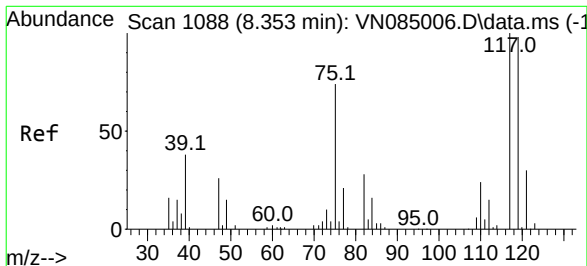
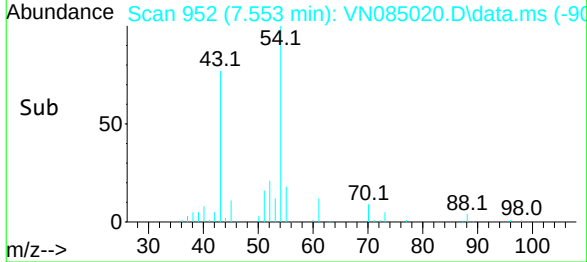
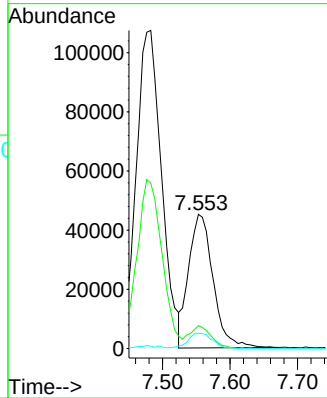
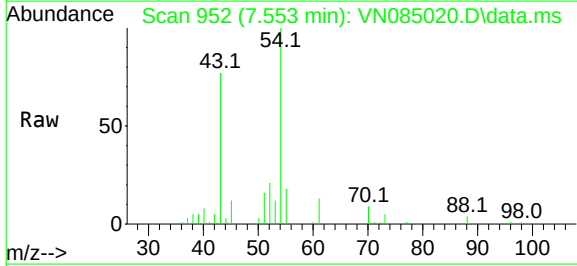
#37  
Ethyl Acetate  
Concen: 48.460 ug/l  
RT: 7.553 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 113589 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.2  | 11.7  | 17.5   |
| 70       | 11.4  | 9.3   | 13.9   |

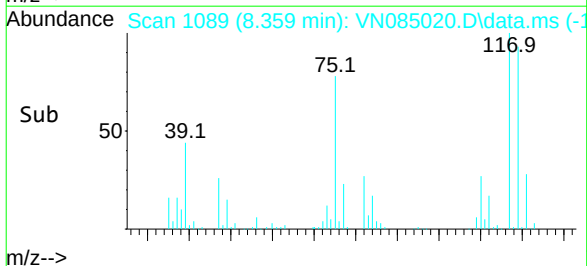
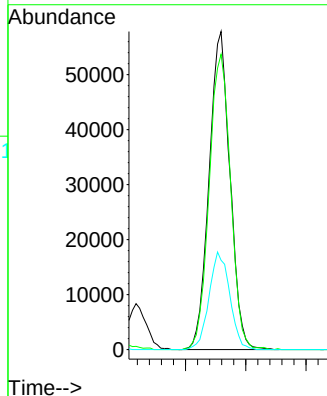
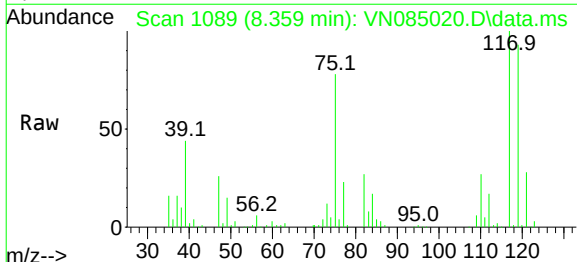
Manual Integrations  
APPROVED

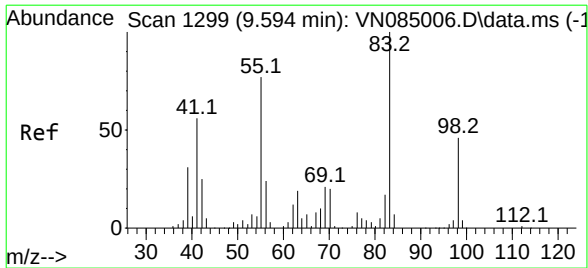
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#38  
Carbon Tetrachloride  
Concen: 46.837 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

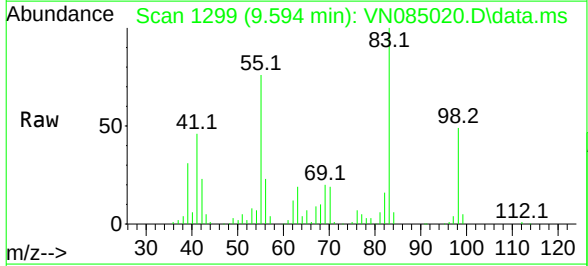
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 139395 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.8  | 78.6  | 117.8  |
| 121      | 28.1  | 24.2  | 36.2   |





#39  
Methylcyclohexane  
Concen: 46.725 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

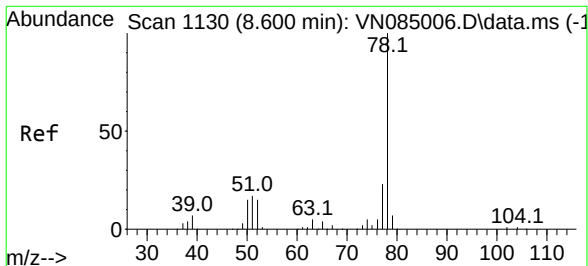
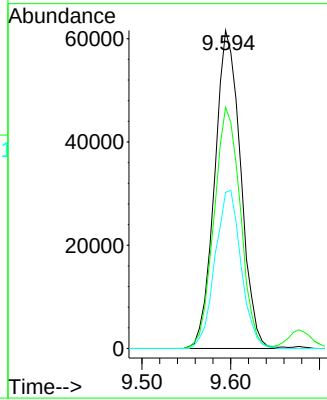
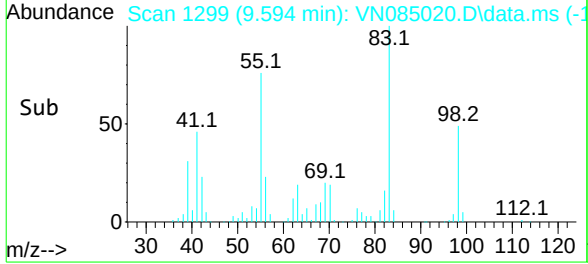
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 125188  
Ion Ratio Lower Upper  
83 100  
55 75.8 61.8 92.6  
98 49.1 37.0 55.6

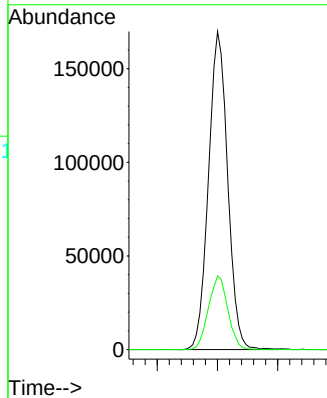
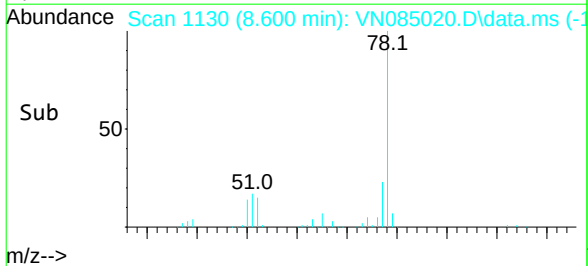
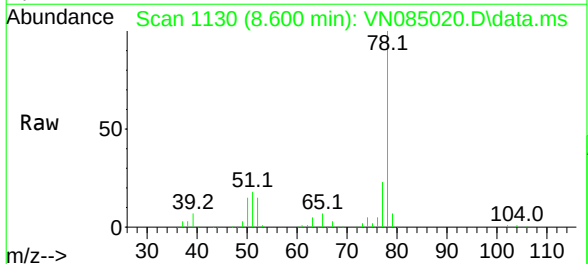
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024

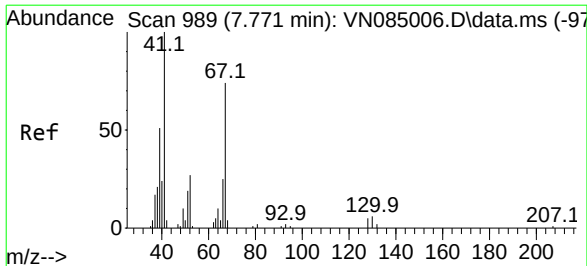


#40  
Benzene  
Concen: 46.008 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 78 Resp: 375189  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.5 27.7

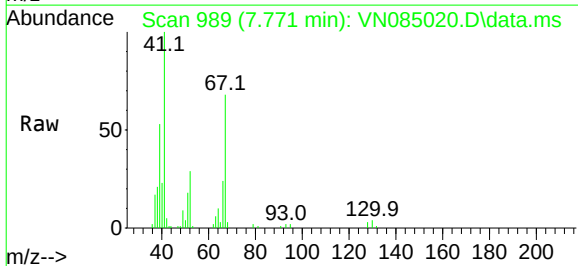






#41  
Methacrylonitrile  
Concen: 50.558 ug/l  
RT: 7.771 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

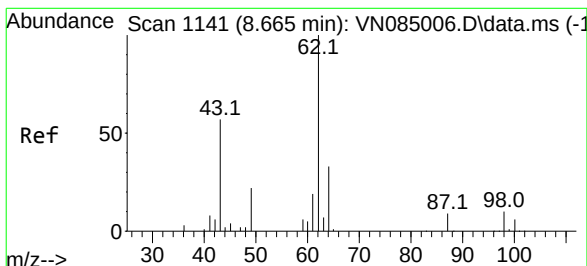
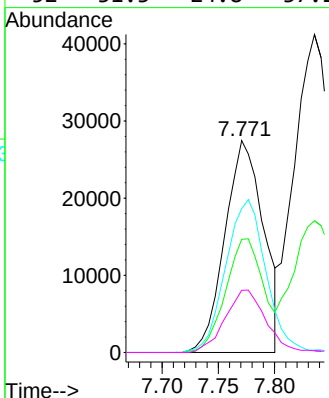
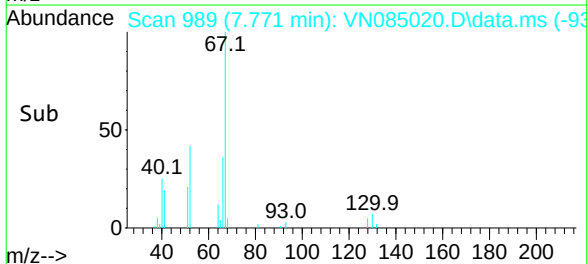
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



|             |                |
|-------------|----------------|
| Tgt Ion: 41 | Resp: 65615    |
| Ion Ratio   | Lower Upper    |
| 41          | 100            |
| 39          | 52.8 42.6 63.8 |
| 67          | 75.3 59.9 89.9 |
| 52          | 31.3 24.8 37.2 |

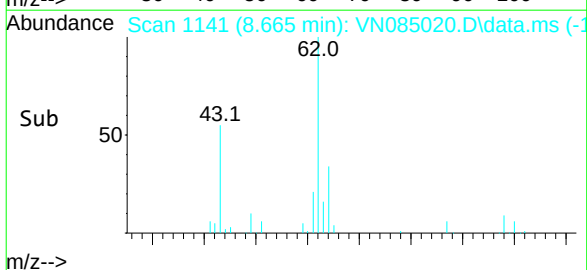
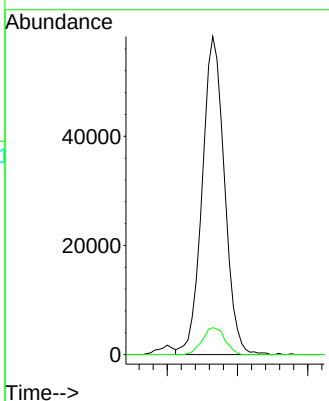
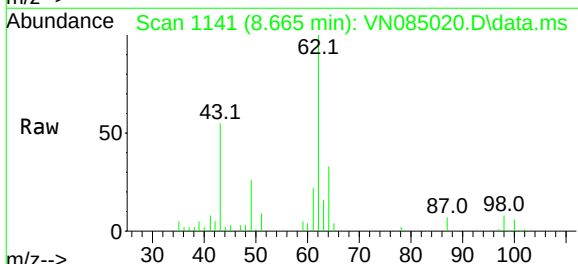
Manual Integrations  
APPROVED

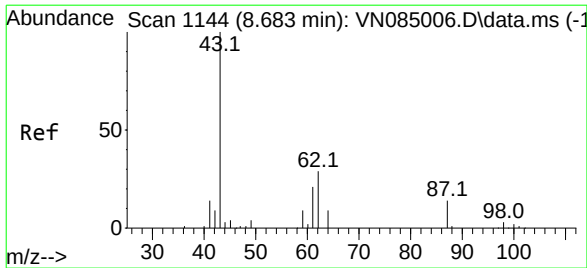
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#42  
1,2-Dichloroethane  
Concen: 46.006 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 128351 |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 8.6 0.0 18.2 |





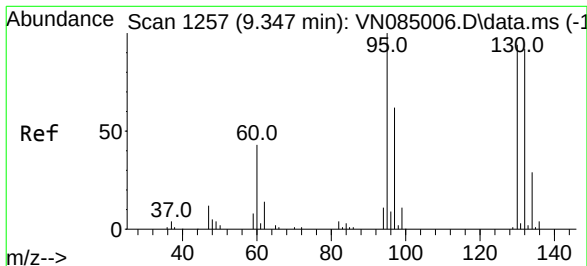
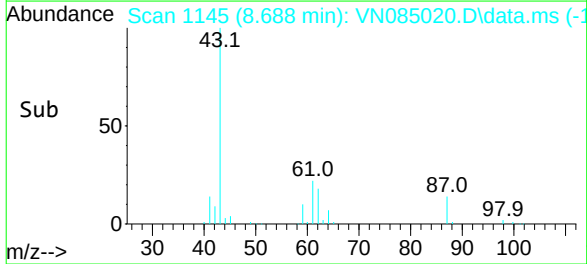
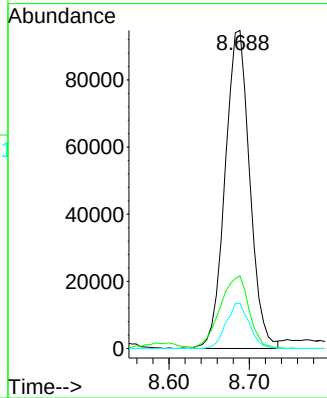
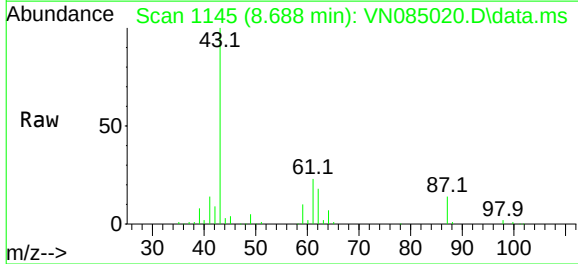
#43  
Isopropyl Acetate  
Concen: 41.566 ug/l  
RT: 8.688 min Scan# 1144  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 202380  
Ion Ratio Lower Upper  
43 100  
61 26.8 20.6 30.8  
87 13.4 11.0 16.4

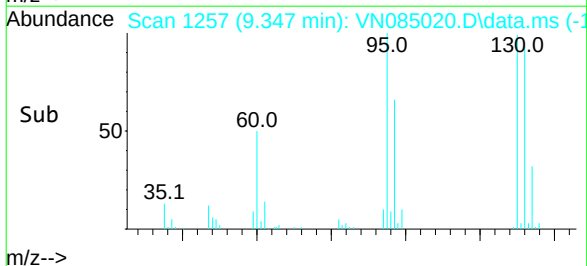
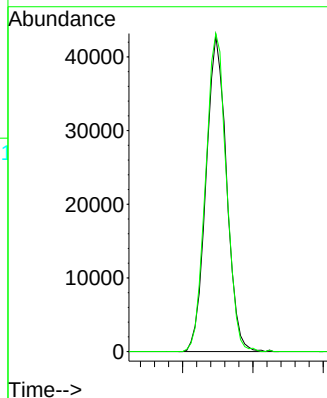
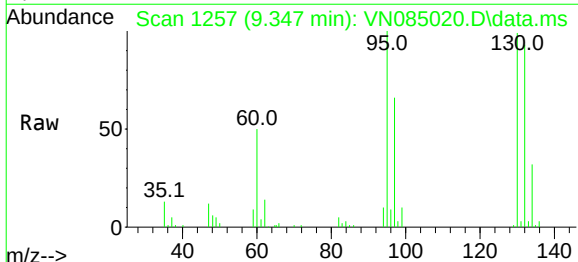
Manual Integrations  
APPROVED

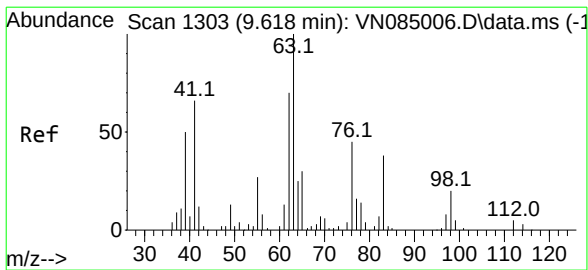
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#44  
Trichloroethene  
Concen: 45.825 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:130 Resp: 86845  
Ion Ratio Lower Upper  
130 100  
95 100.6 0.0 213.4





#45

1,2-Dichloropropane

Concen: 45.168 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 90723

Ion Ratio Lower Upper

63 100

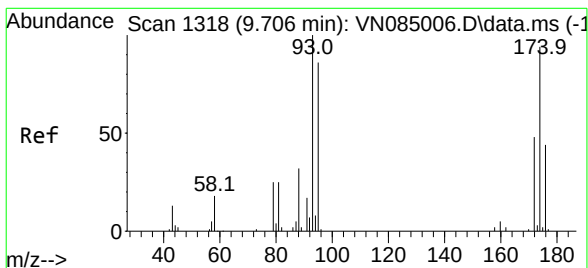
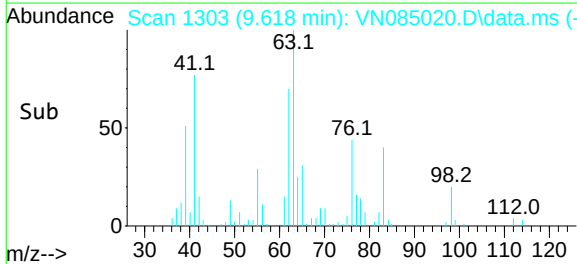
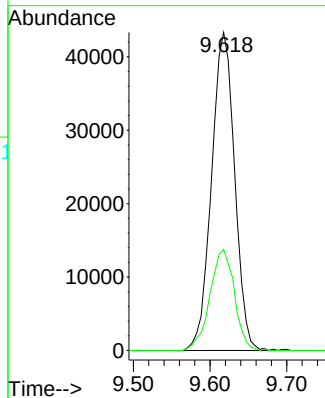
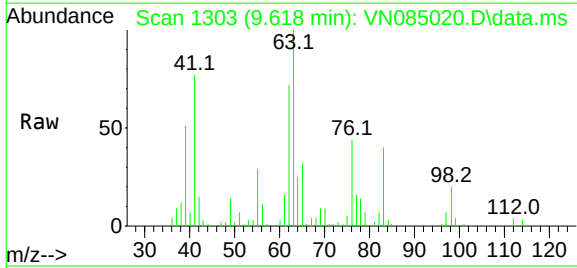
65 31.8 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#46

Dibromomethane

Concen: 45.429 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

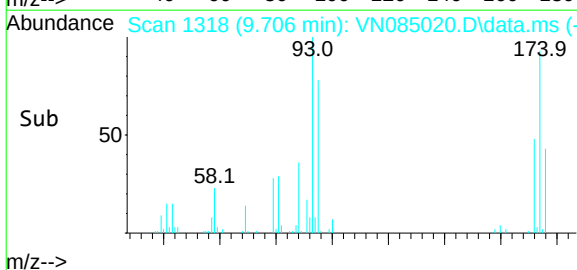
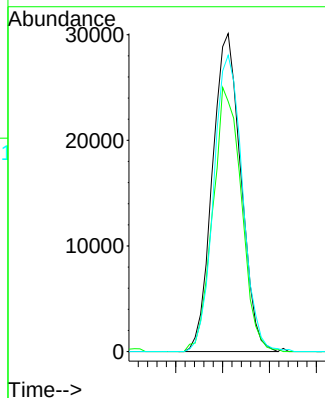
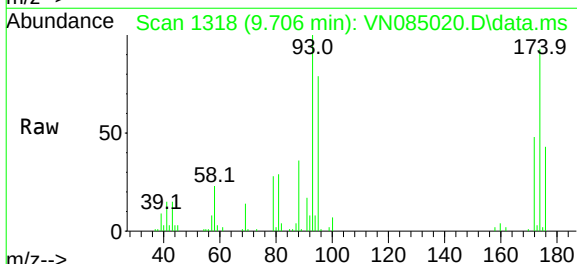
Tgt Ion: 93 Resp: 63403

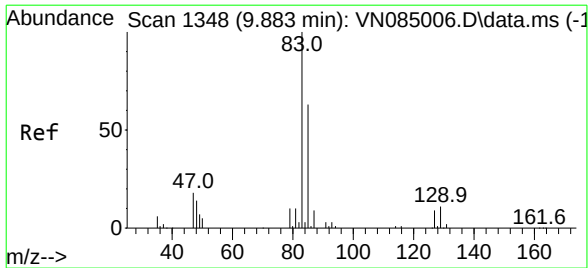
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 94.2 74.9 112.3





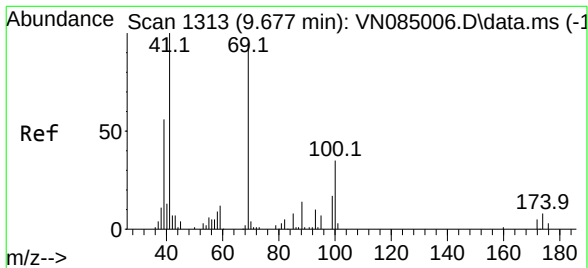
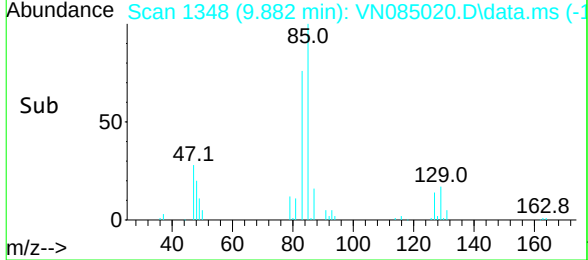
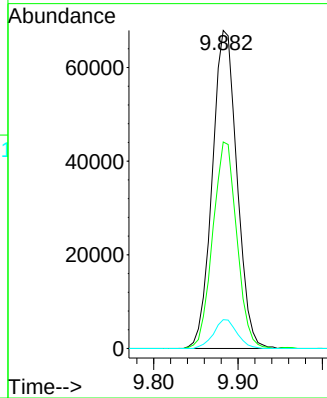
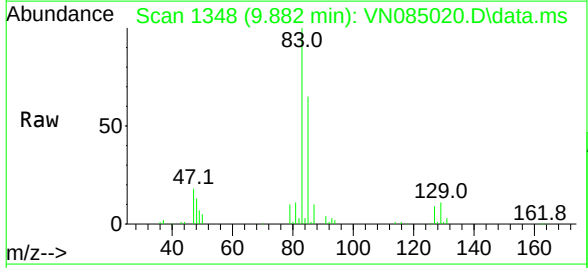
#47  
Bromodichloromethane  
Concen: 46.825 ug/l  
RT: 9.882 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 138510  
Ion Ratio Lower Upper  
83 100  
85 64.9 50.5 75.7  
127 9.1 7.1 10.7

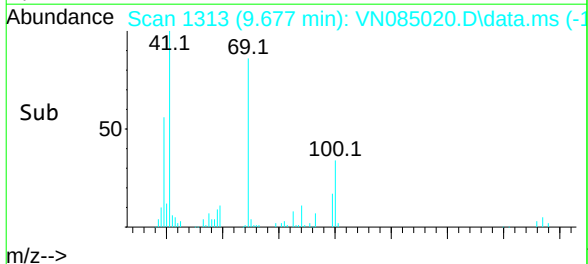
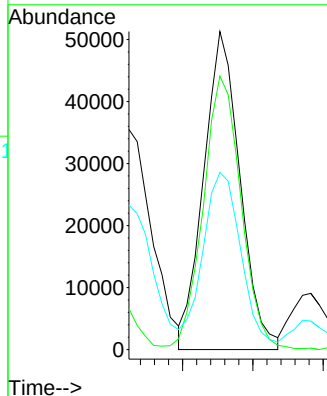
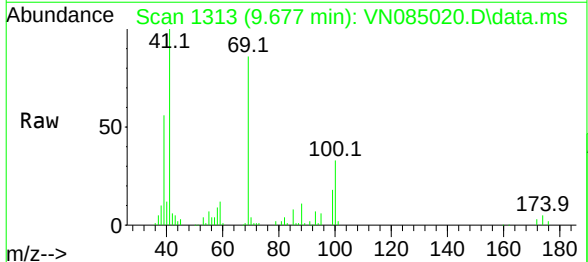
Manual Integrations  
APPROVED

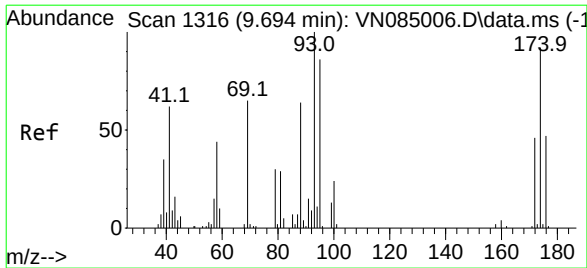
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#48  
Methyl methacrylate  
Concen: 50.901 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

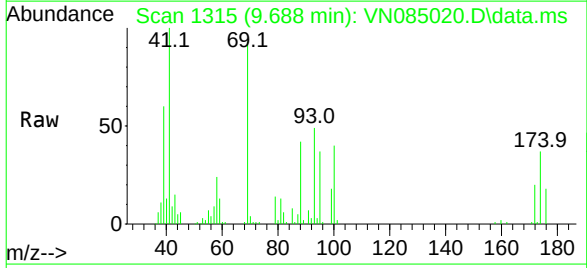
Tgt Ion: 41 Resp: 92223  
Ion Ratio Lower Upper  
41 100  
69 89.4 73.2 109.8  
39 59.1 46.2 69.4





#49  
1,4-Dioxane  
Concen: 966.160 ug/l  
RT: 9.688 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

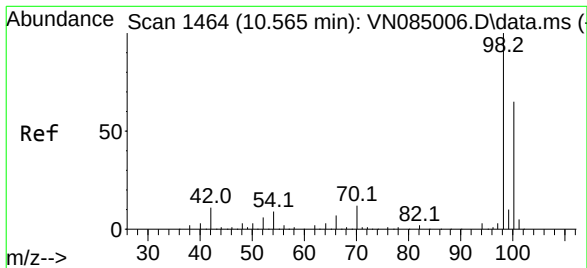
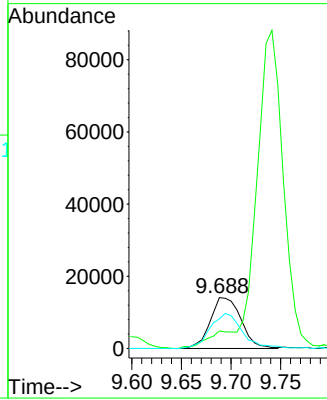
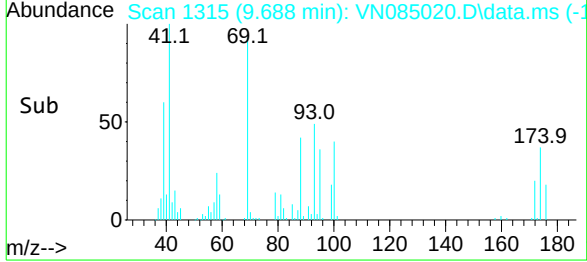
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 88 Resp: 30357  
Ion Ratio Lower Upper  
88 100  
43 0.0 16.7 25.1#  
58 73.0 56.5 84.7

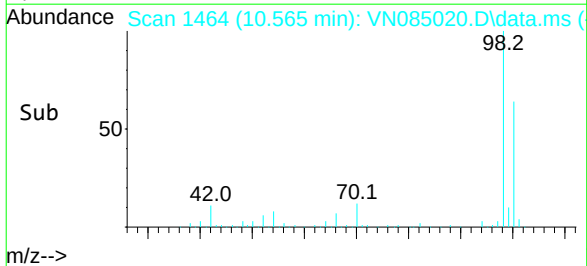
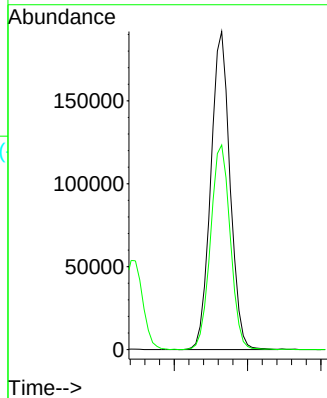
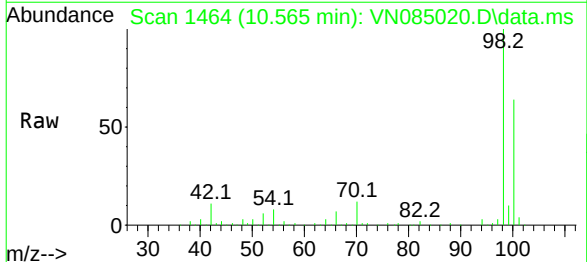
Manual Integrations  
APPROVED

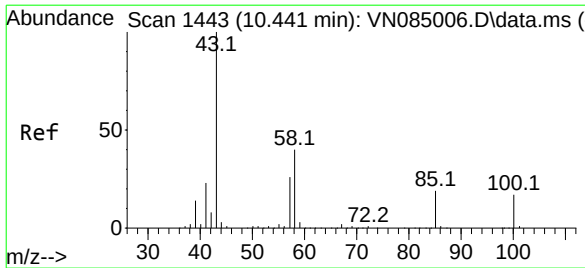
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#50  
Toluene-d8  
Concen: 51.146 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 98 Resp: 348915  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.5 78.7





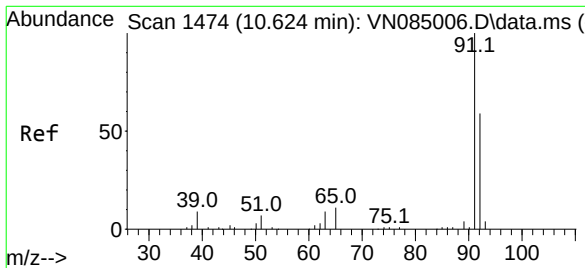
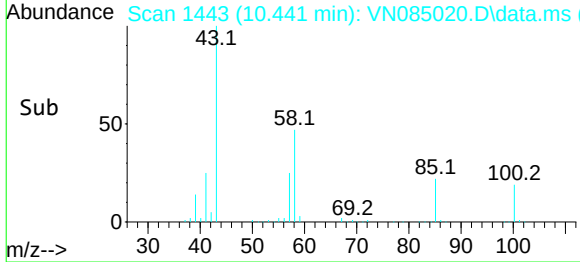
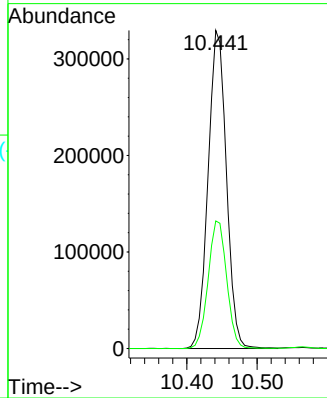
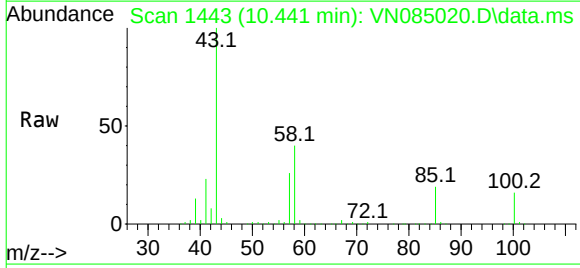
#51  
4-Methyl-2-Pentanone  
Concen: 268.135 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 596300  
Ion Ratio Lower Upper  
43 100  
58 40.6 32.1 48.1

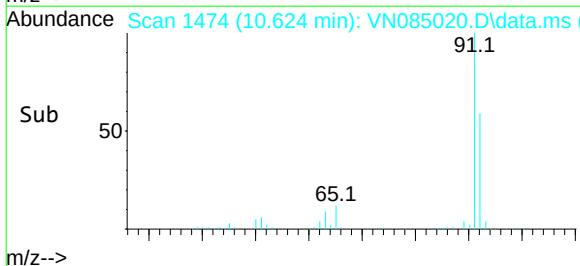
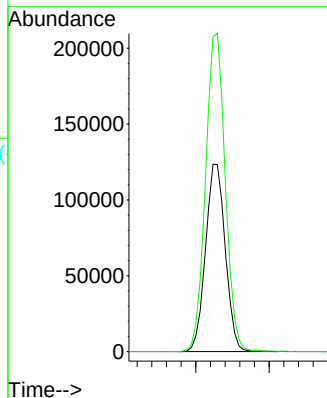
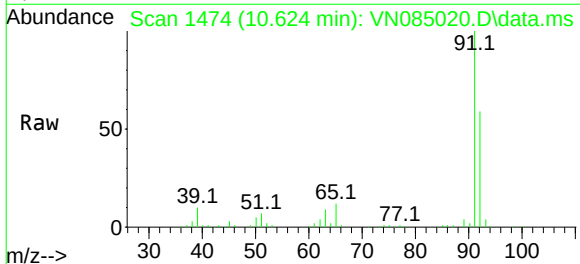
Manual Integrations  
APPROVED

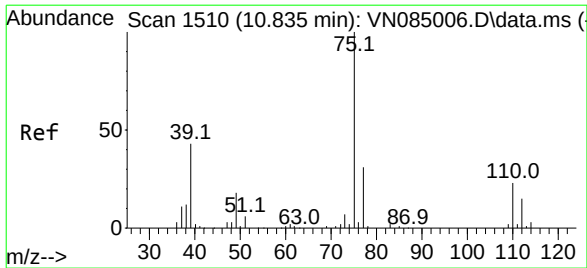
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#52  
Toluene  
Concen: 47.864 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

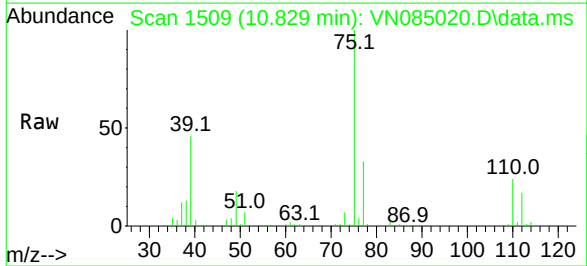
Tgt Ion: 92 Resp: 231070  
Ion Ratio Lower Upper  
92 100  
91 169.8 136.7 205.1





#53  
t-1,3-Dichloropropene  
Concen: 45.368 ug/l  
RT: 10.829 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

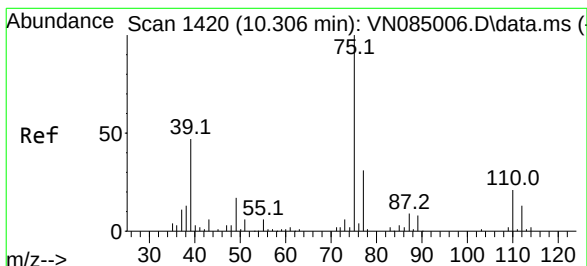
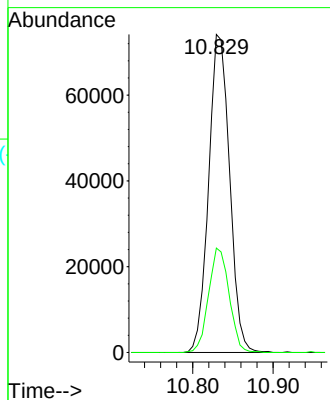
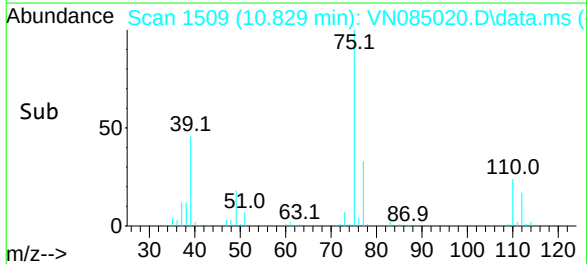
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 134544  
Ion Ratio Lower Upper  
75 100  
77 32.8 25.0 37.4

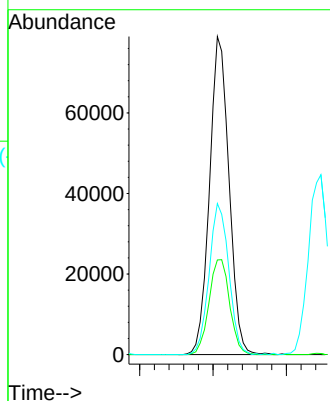
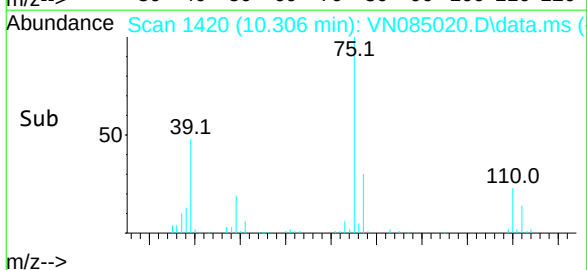
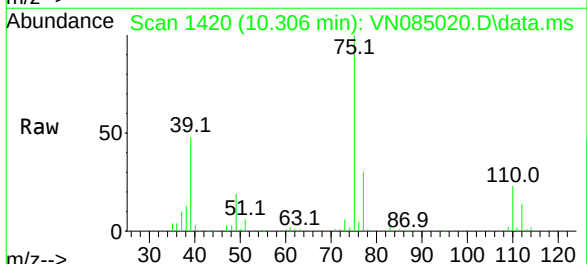
Manual Integrations  
APPROVED

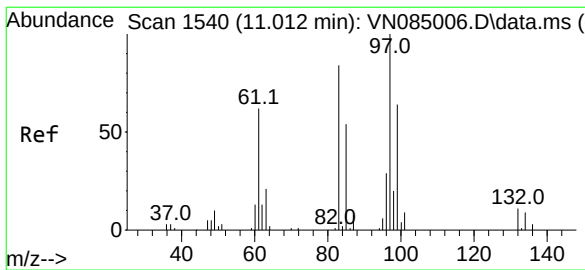
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#54  
cis-1,3-Dichloropropene  
Concen: 46.288 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 75 Resp: 145629  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.0 37.4  
39 47.5 37.6 56.4





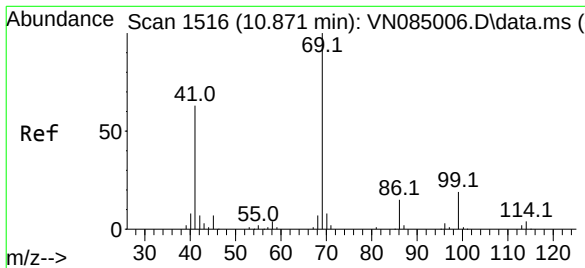
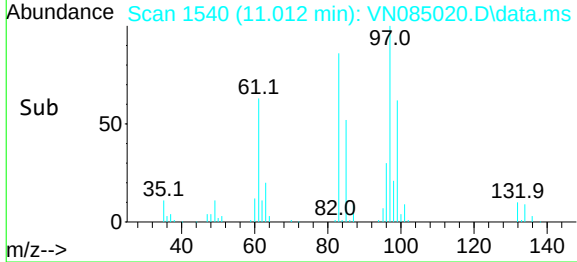
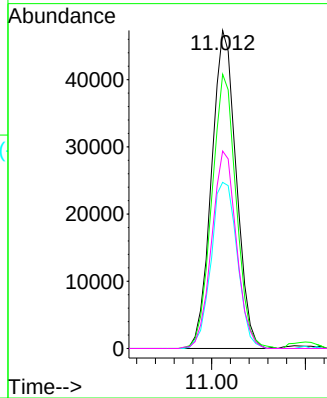
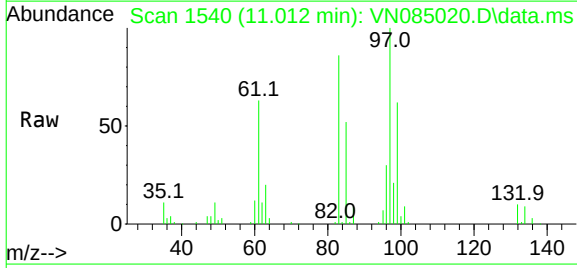
#55  
1,1,2-Trichloroethane  
Concen: 48.013 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 86336 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 67.4  | 101.2 |
| 85       | 52.2  | 43.1  | 64.7  |
| 99       | 62.1  | 50.9  | 76.3  |

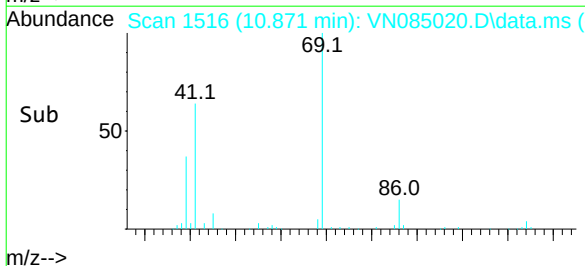
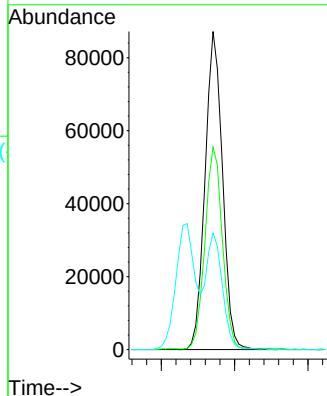
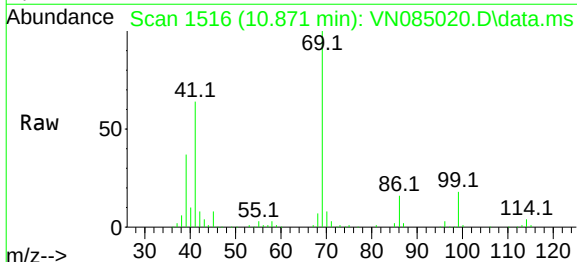
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024

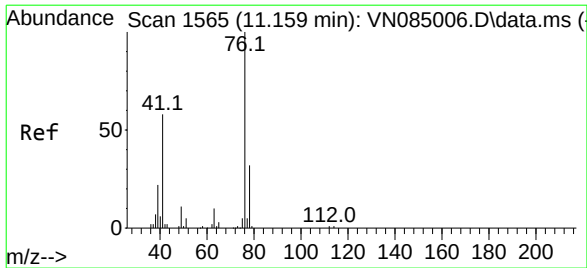


#56  
Ethyl methacrylate  
Concen: 54.717 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 143775 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.2  | 50.0  | 75.0   |
| 39       | 34.6  | 27.0  | 40.6   |







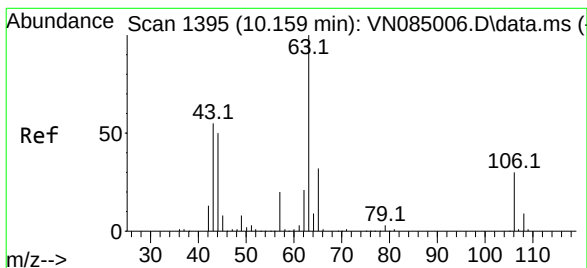
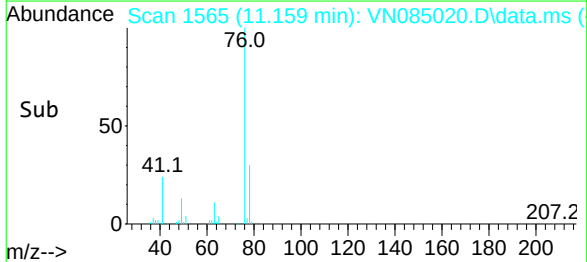
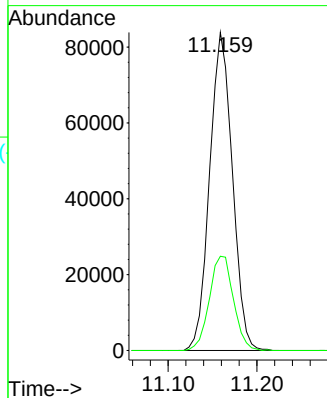
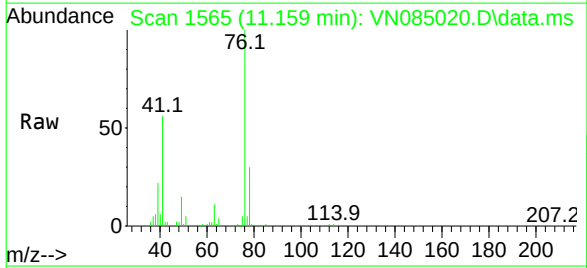
#57  
1,3-Dichloropropane  
Concen: 47.176 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 149304  
Ion Ratio Lower Upper  
76 100  
78 31.4 26.1 39.1

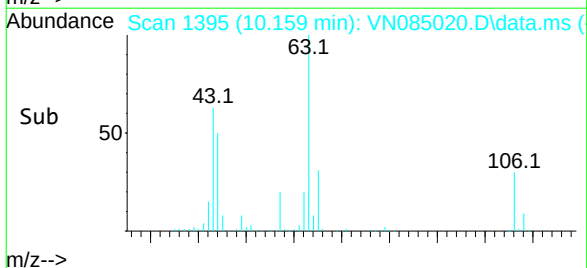
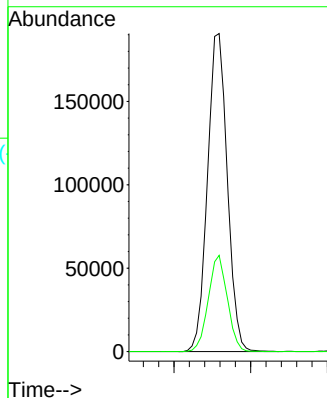
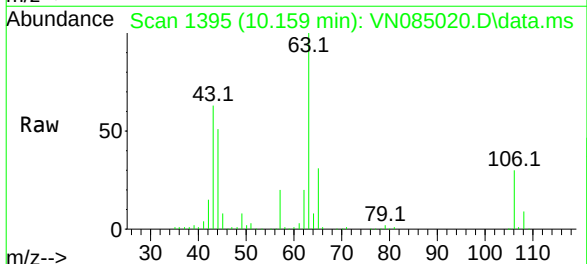
Manual Integrations  
APPROVED

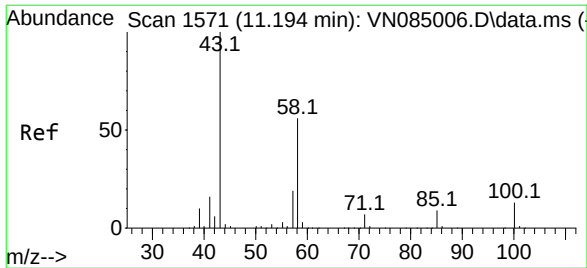
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 265.424 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 63 Resp: 342109  
Ion Ratio Lower Upper  
63 100  
106 29.1 23.0 34.6





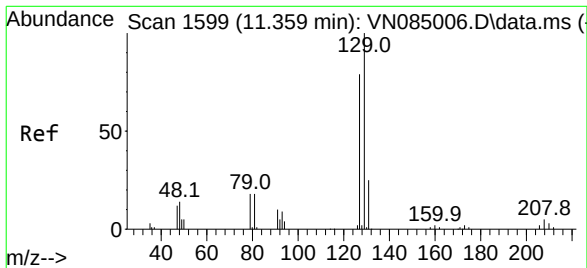
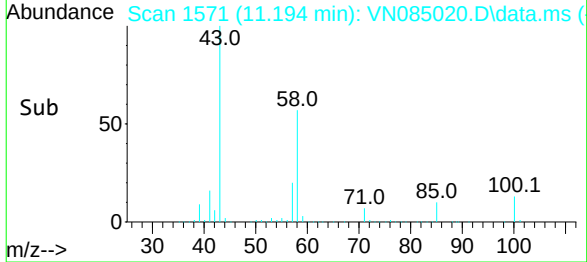
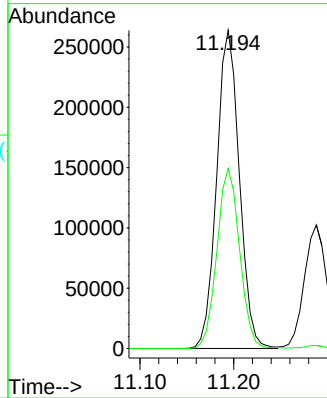
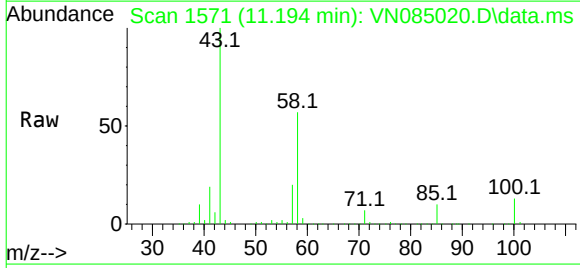
#59  
2-Hexanone  
Concen: 266.432 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 443144  
Ion Ratio Lower Upper  
43 100  
58 56.6 28.3 85.0

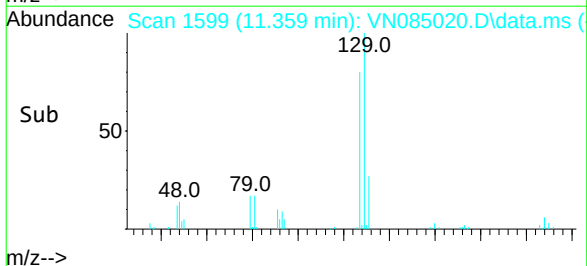
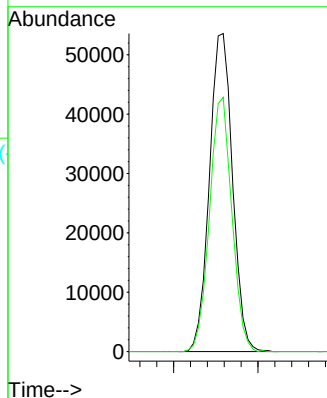
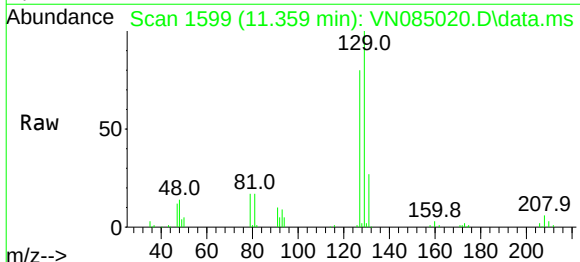
Manual Integrations  
APPROVED

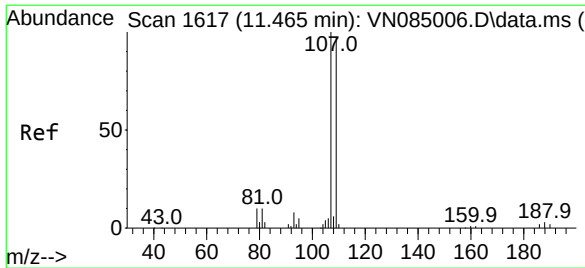
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#60  
Dibromochloromethane  
Concen: 46.342 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:129 Resp: 101844  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.2 117.6





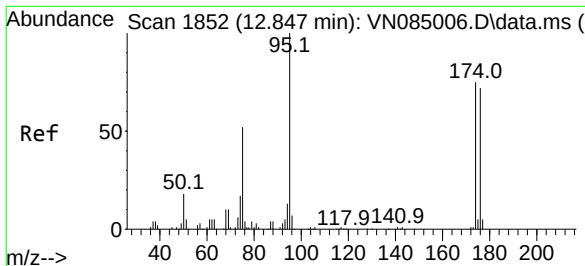
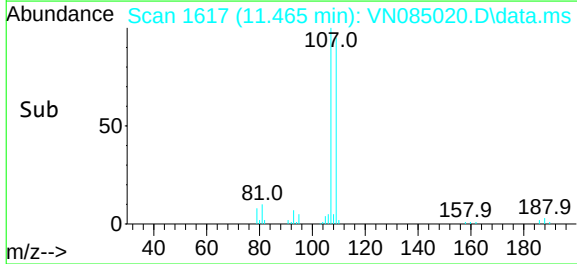
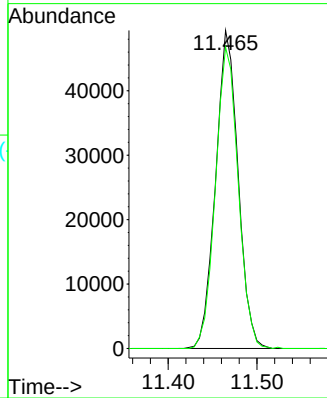
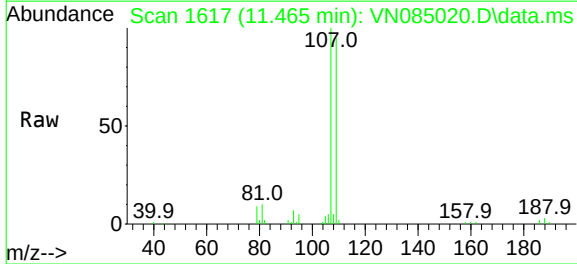
#61  
1,2-Dibromoethane  
Concen: 46.652 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 107 Resp: 86818  
Ion Ratio Lower Upper  
107 100  
109 95.9 76.1 114.1

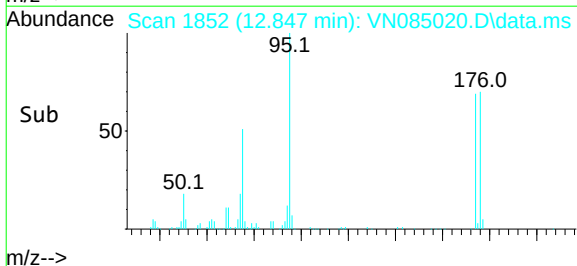
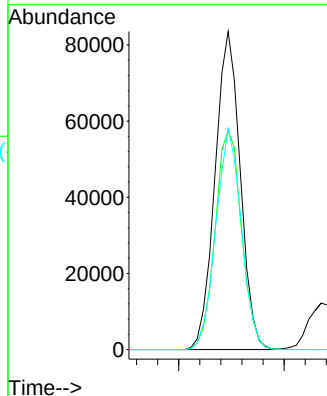
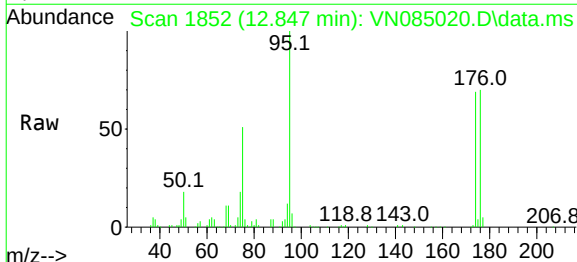
Manual Integrations  
APPROVED

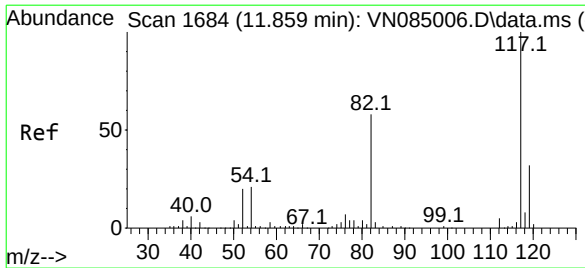
Reviewed By : John Carlone 11/25/2024  
Supervised By : Mahesh Dadoda 11/25/2024



#62  
4-Bromofluorobenzene  
Concen: 54.436 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

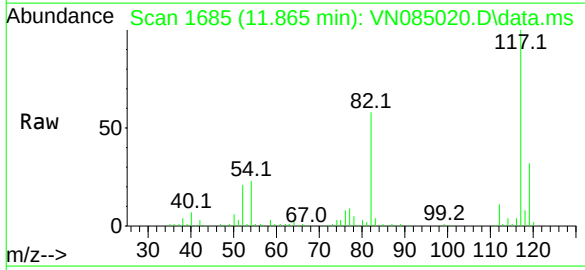
Tgt Ion: 95 Resp: 138876  
Ion Ratio Lower Upper  
95 100  
174 72.0 0.0 146.6  
176 70.2 0.0 141.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1684  
Delta R.T. 0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

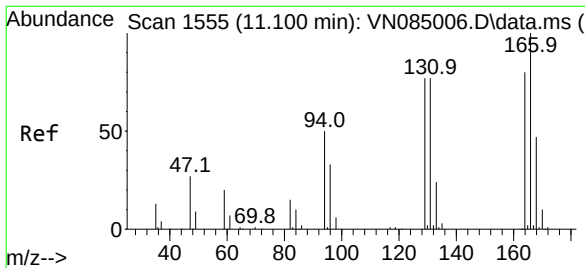
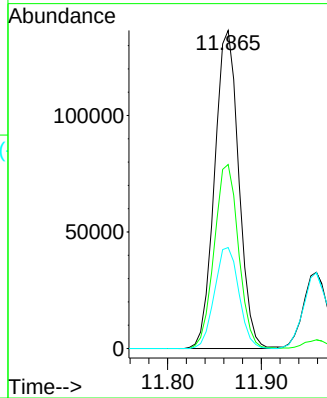
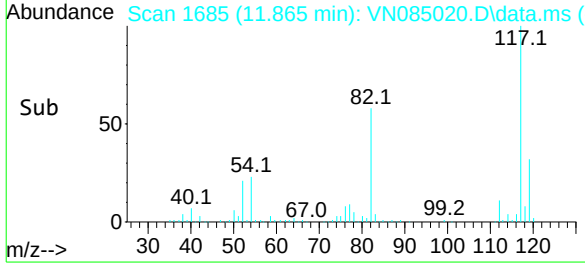
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 244375  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.0 69.0  
119 31.7 25.6 38.4

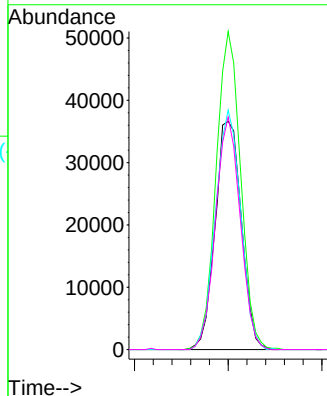
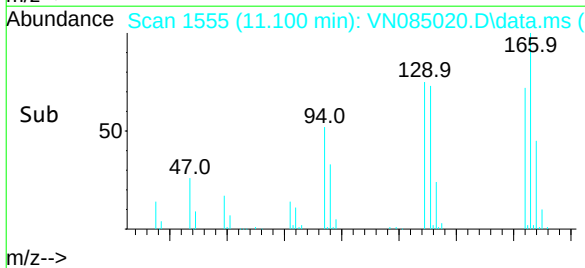
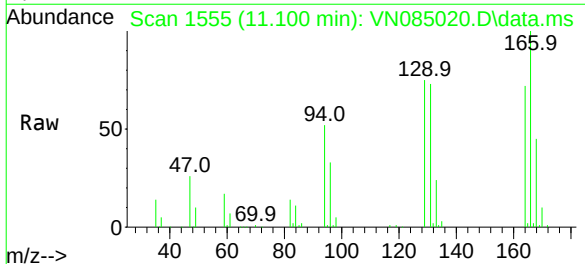
Manual Integrations  
APPROVED

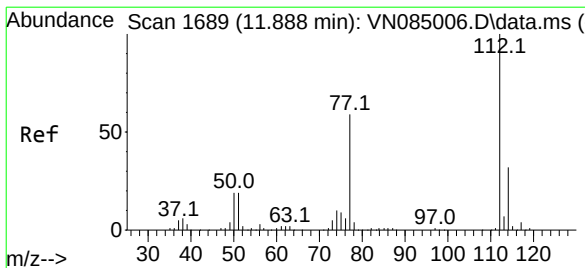
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#64  
Tetrachloroethene  
Concen: 43.303 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:164 Resp: 71306  
Ion Ratio Lower Upper  
164 100  
166 139.3 100.6 151.0  
129 104.9 77.7 116.5  
131 101.9 77.2 115.8





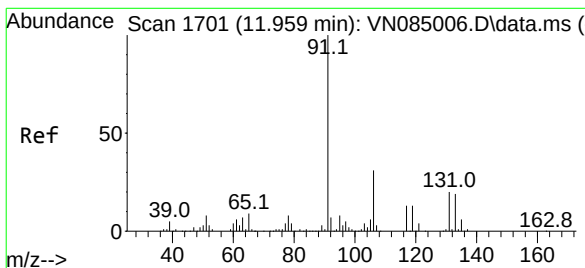
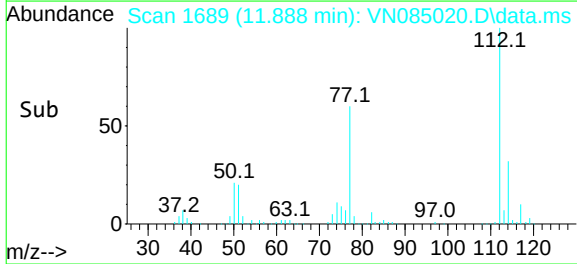
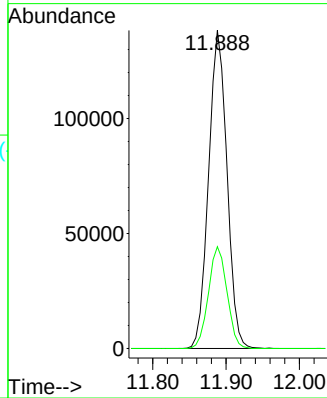
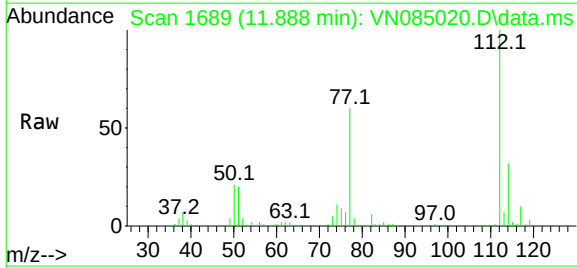
#65  
Chlorobenzene  
Concen: 43.438 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 240742  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.6

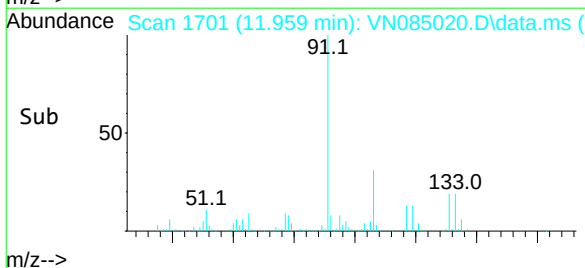
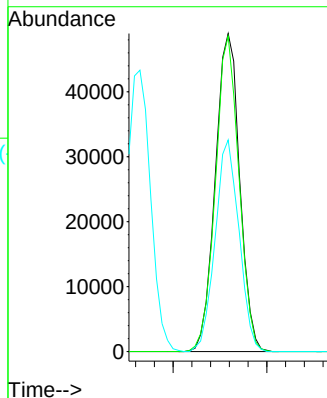
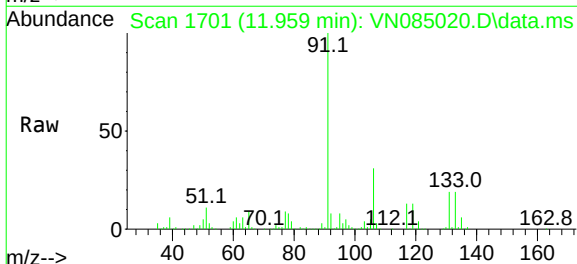
Manual Integrations  
APPROVED

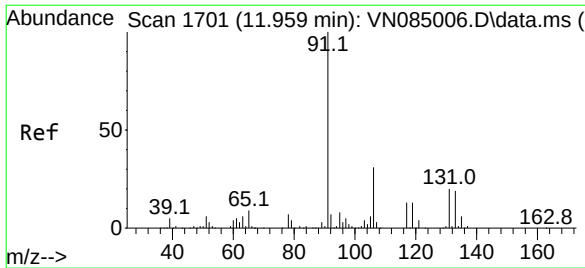
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 45.226 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:131 Resp: 88250  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.8 143.4  
119 65.3 32.1 96.3





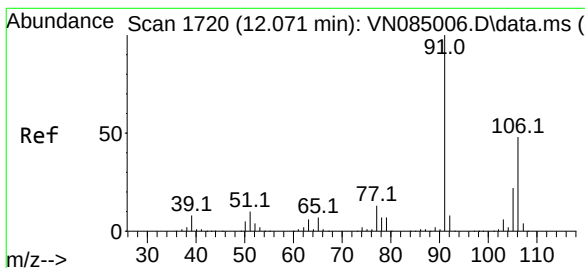
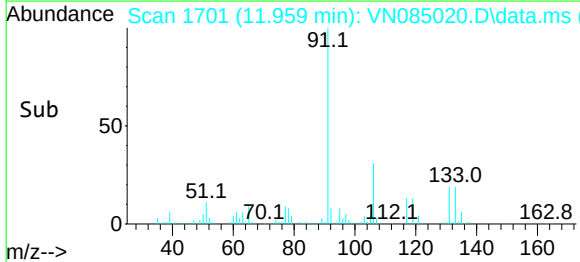
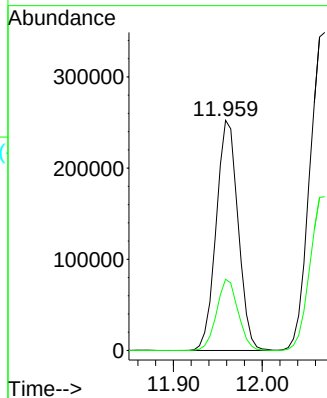
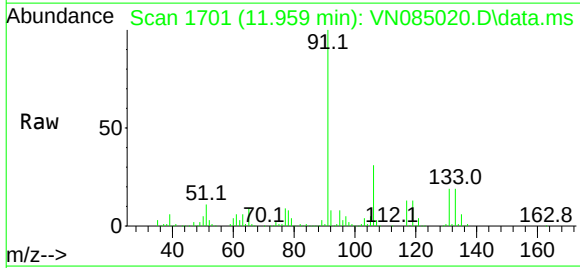
#67  
Ethyl Benzene  
Concen: 48.195 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 433345  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.7 37.1

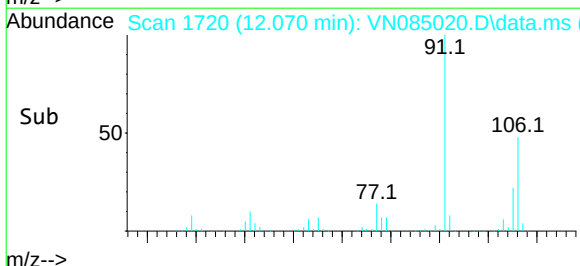
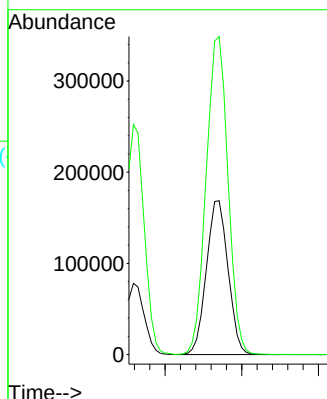
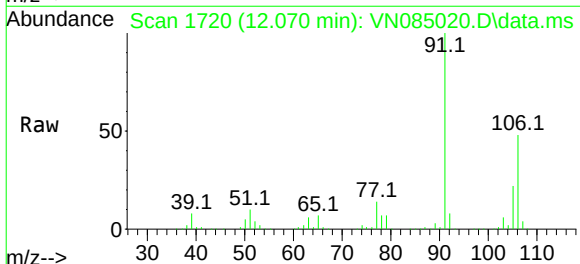
Manual Integrations  
APPROVED

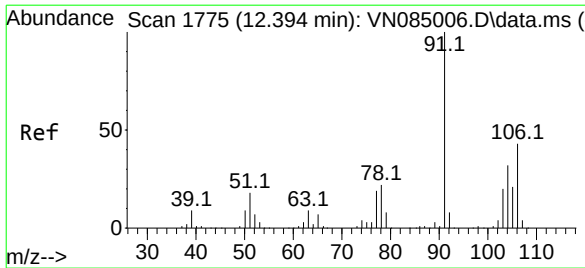
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#68  
m/p-Xylenes  
Concen: 96.880 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:106 Resp: 331642  
Ion Ratio Lower Upper  
106 100  
91 207.8 168.0 252.0





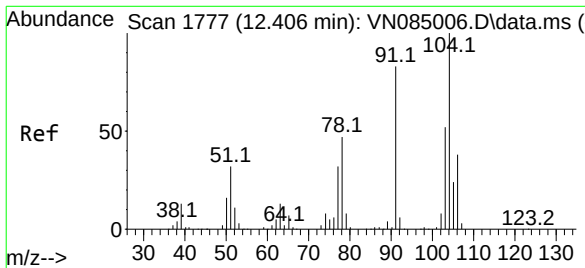
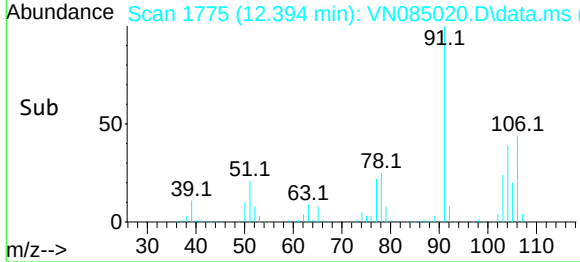
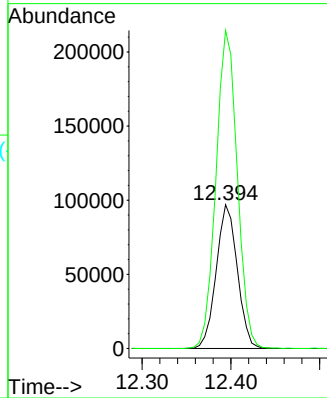
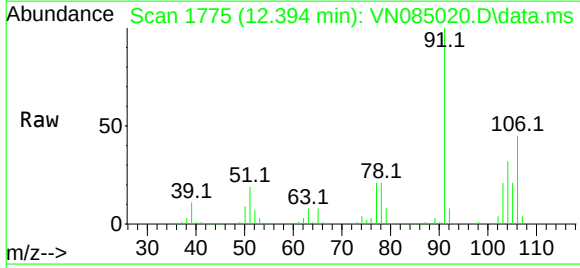
#69  
o-Xylene  
Concen: 49.101 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 159889  
Ion Ratio Lower Upper  
106 100  
91 223.6 110.7 331.9

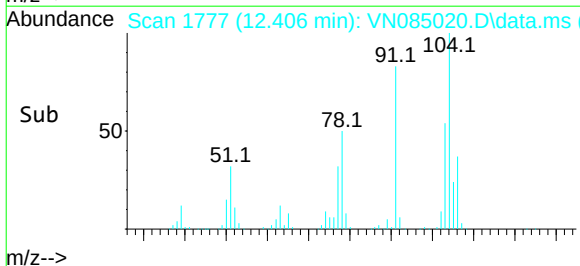
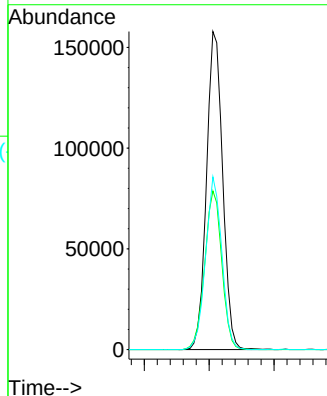
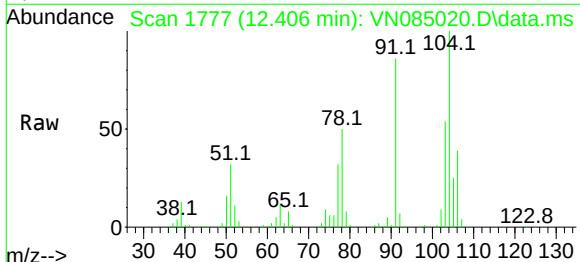
Manual Integrations  
APPROVED

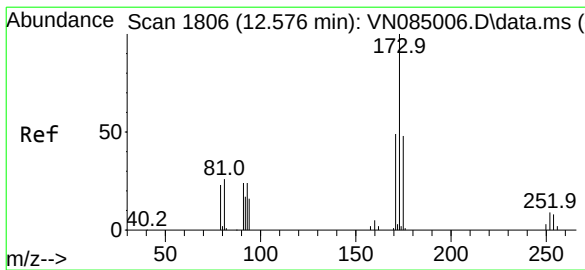
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#70  
Styrene  
Concen: 50.416 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:104 Resp: 273009  
Ion Ratio Lower Upper  
104 100  
78 52.8 42.3 63.5  
103 54.7 44.2 66.2





#71

Bromoform

Concen: 49.313 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

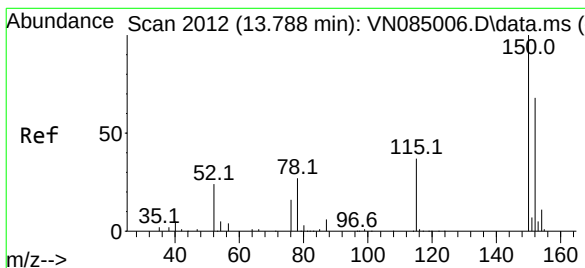
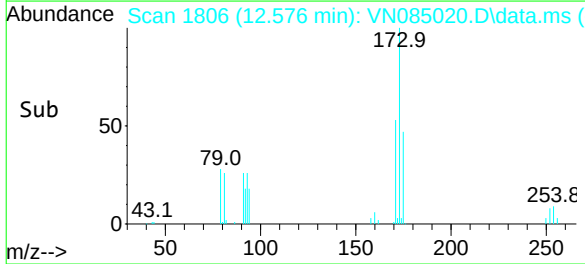
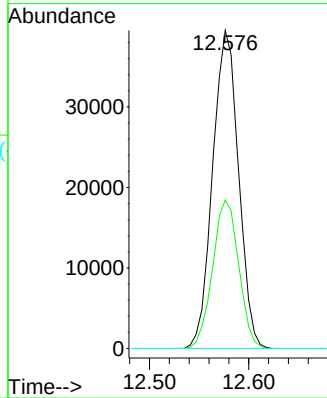
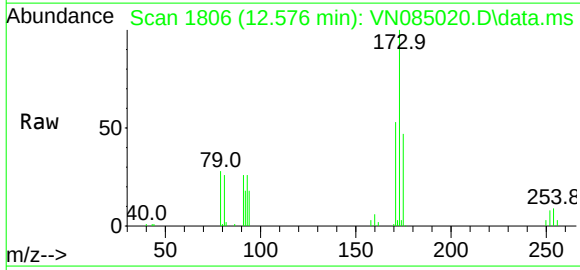
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 71427 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.1  | 23.8  | 71.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

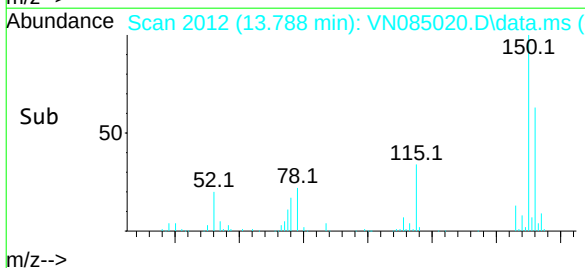
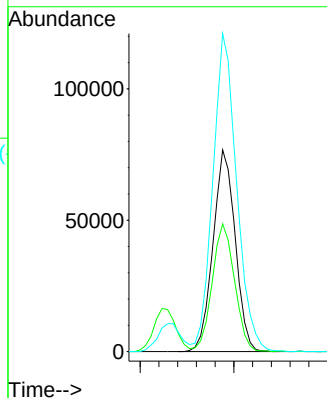
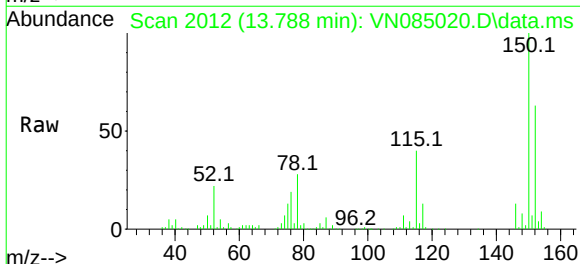
RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

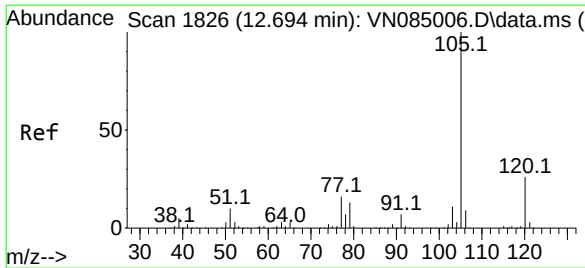
Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 126177 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.9  | 31.7  | 95.1   |
| 150       | 169.3 | 0.0   | 351.4  |







#73

Isopropylbenzene

Concen: 46.030 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 409728

Ion Ratio Lower Upper

105 100

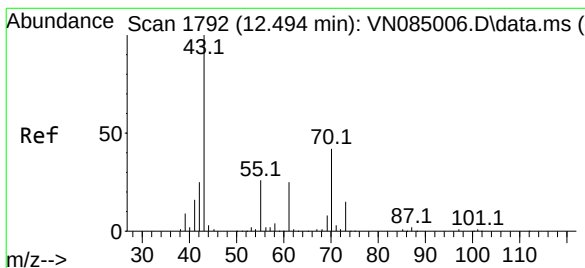
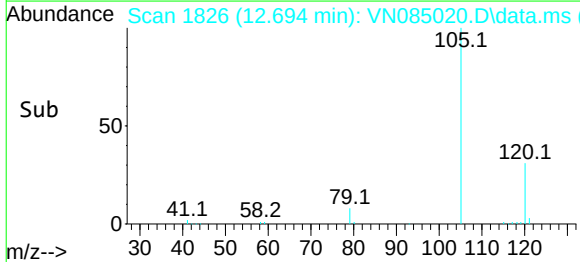
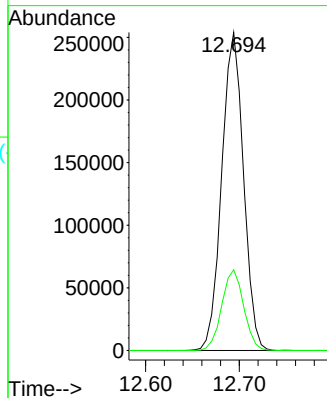
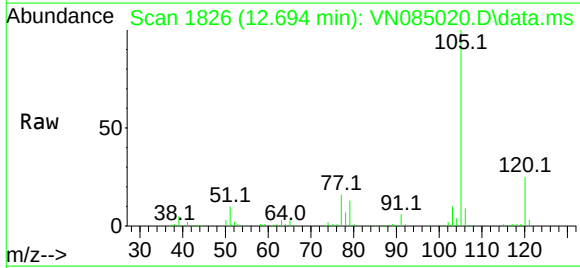
120 25.5 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 48.703 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Tgt Ion: 43 Resp: 178643

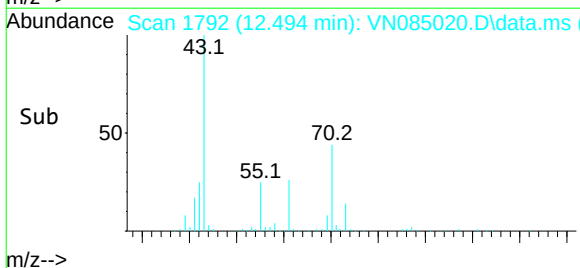
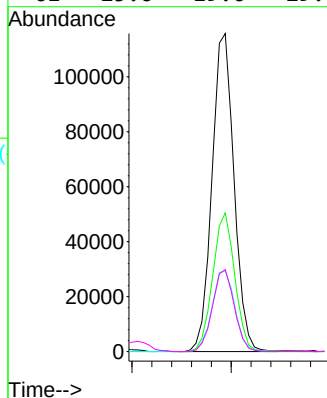
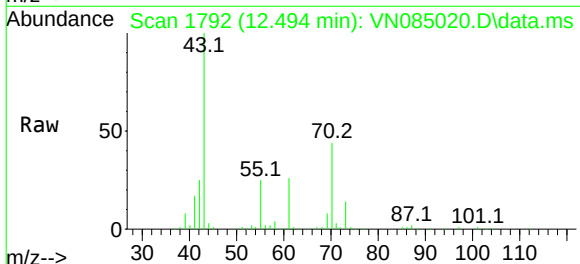
Ion Ratio Lower Upper

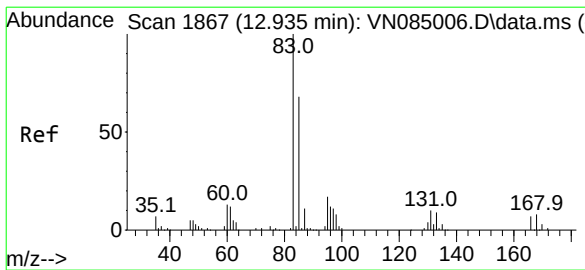
43 100

70 43.7 34.6 51.8

55 26.4 20.5 30.7

61 25.6 19.6 29.4





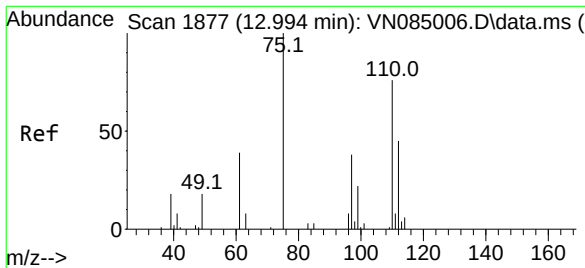
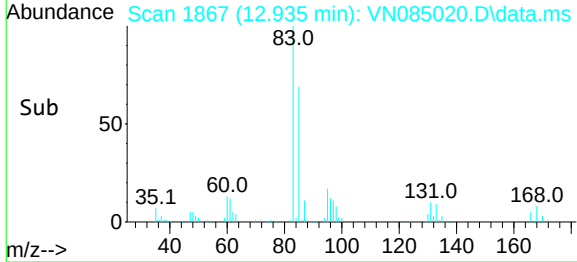
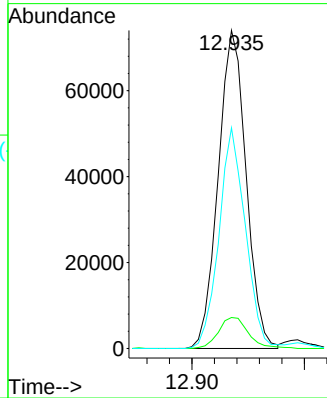
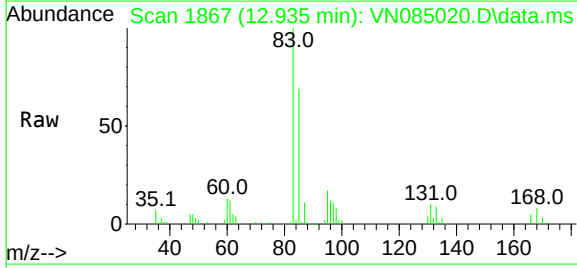
#75  
1,1,2,2-Tetrachloroethane  
Concen: 41.909 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 127388 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.5  | 5.1   | 15.4   |
| 85       | 65.9  | 32.1  | 96.3   |

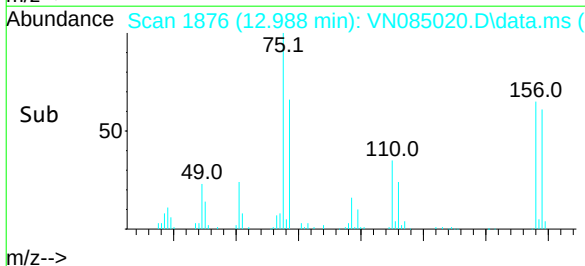
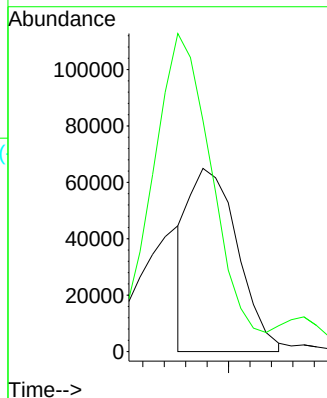
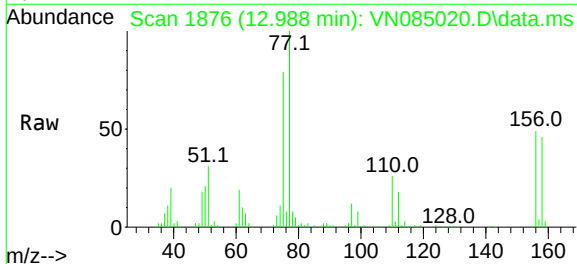
Manual Integrations  
APPROVED

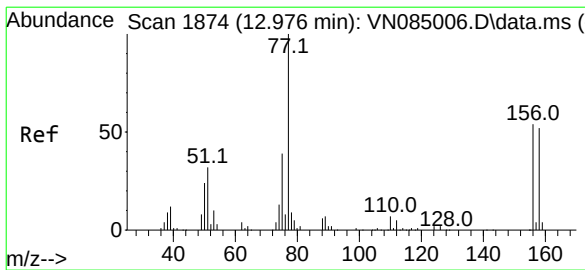
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#76  
1,2,3-Trichloropropane  
Concen: 45.112 ug/l m  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.006 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 103534 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 214.2 | 109.1 | 327.4  |





#77

Bromobenzene

Concen: 41.895 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

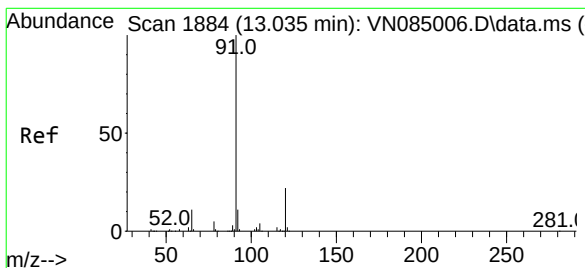
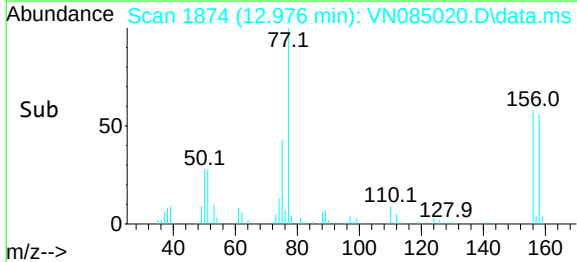
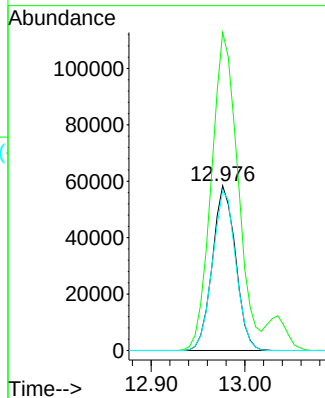
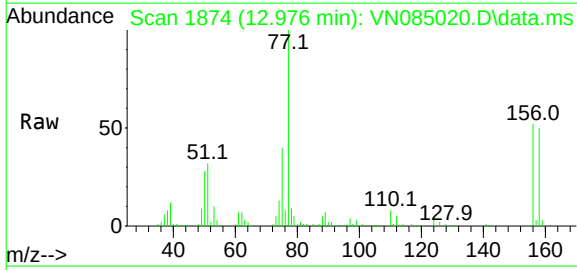
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 100357 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 221.0 | 107.2 | 321.6  |
| 158       | 97.6  | 48.5  | 145.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#78

n-propylbenzene

Concen: 46.093 ug/l

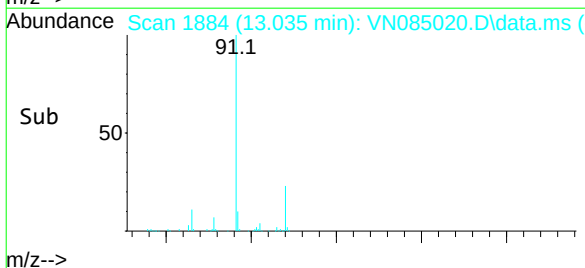
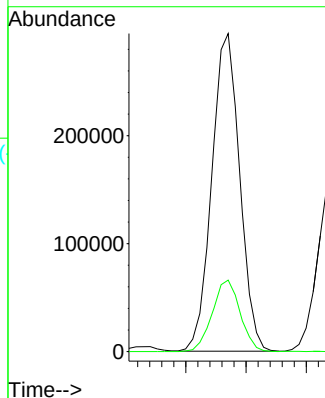
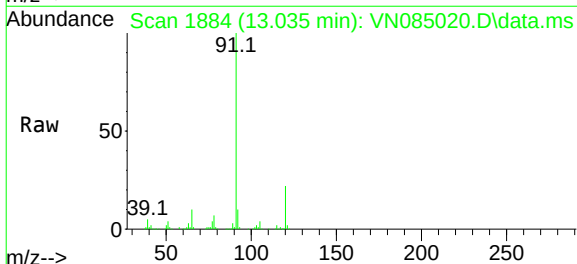
RT: 13.035 min Scan# 1884

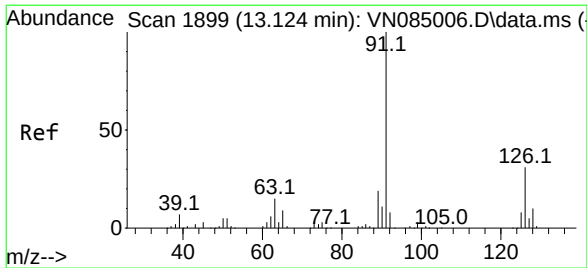
Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 473235 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.4  | 11.3  | 33.9   |





#79

2-Chlorotoluene

Concen: 44.205 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 302969

Ion Ratio Lower Upper

91 100

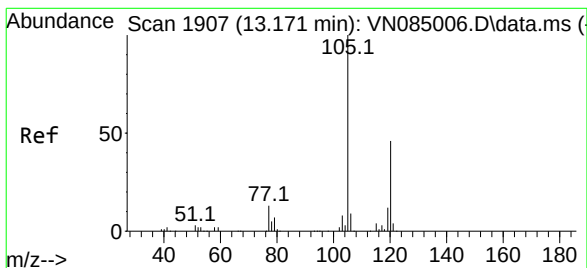
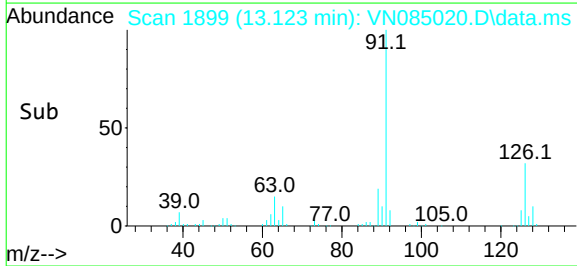
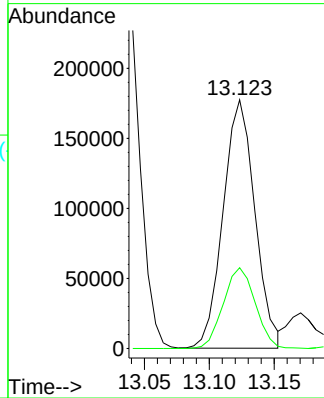
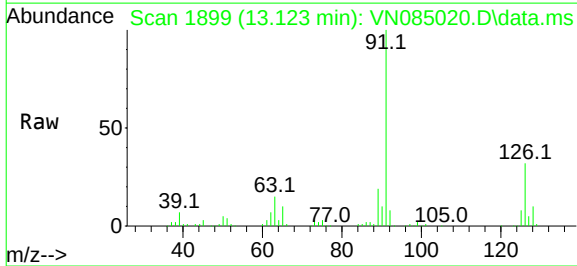
126 32.6 16.1 48.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 47.623 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085020.D

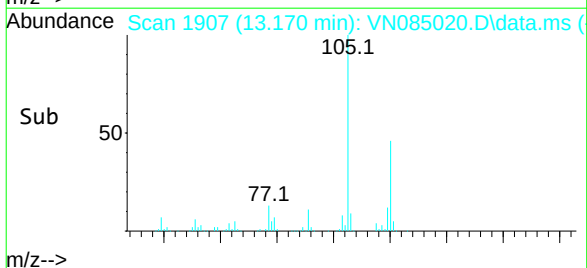
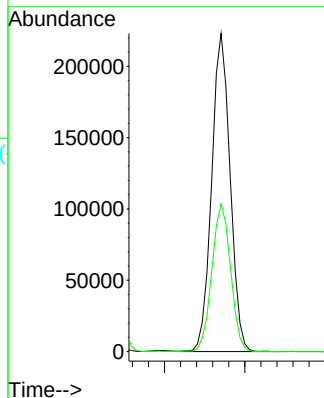
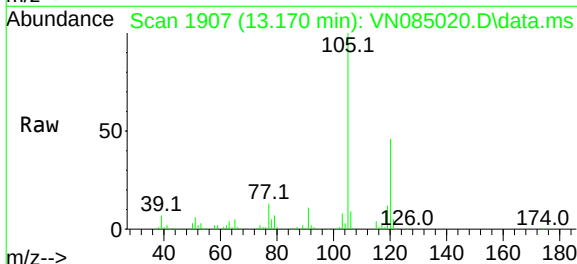
Acq: 22 Nov 2024 20:52

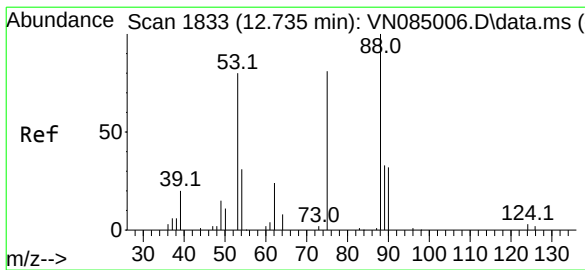
Tgt Ion:105 Resp: 355712

Ion Ratio Lower Upper

105 100

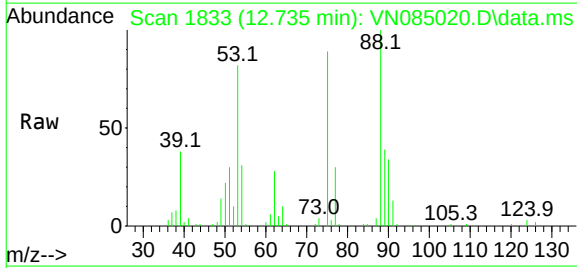
120 47.0 23.6 71.0





#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.323 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

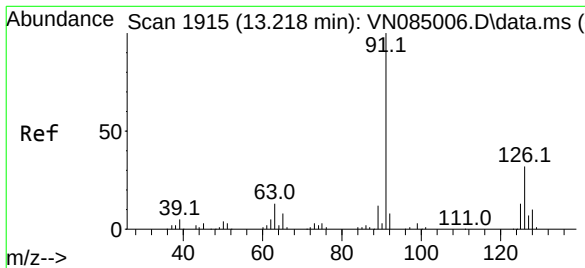
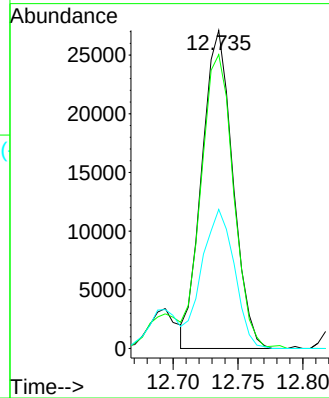
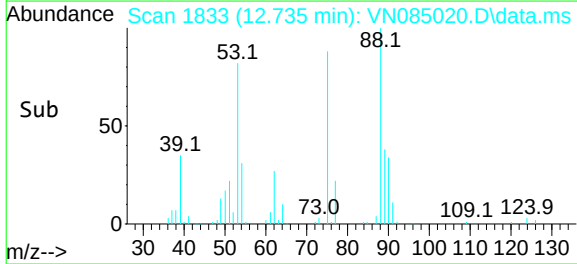
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 75 Resp: 45040  
Ion Ratio Lower Upper  
75 100  
53 96.4 78.2 117.4  
89 46.3 37.9 56.9

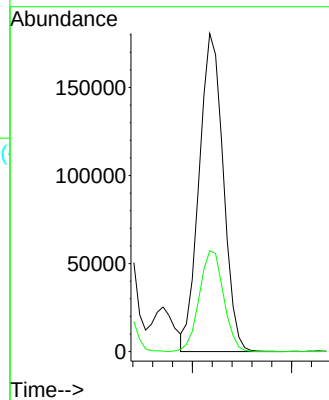
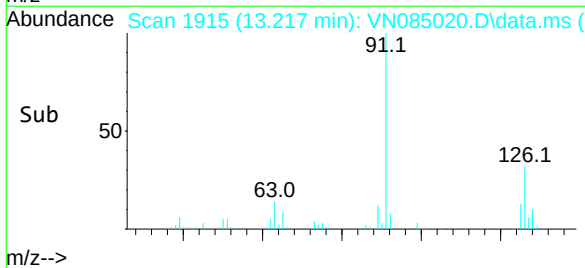
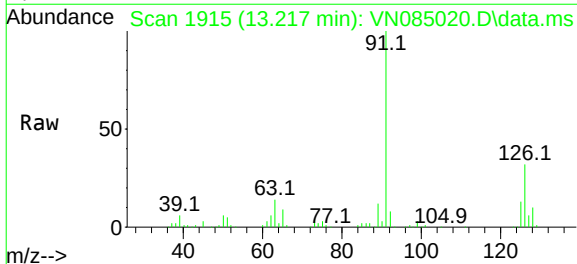
Manual Integrations  
APPROVED

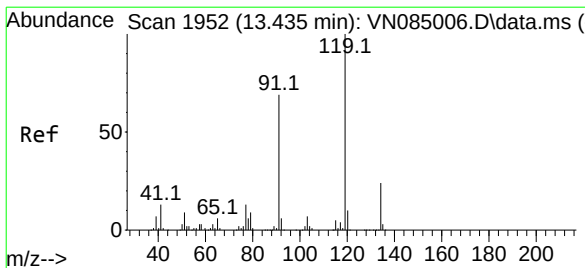
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#82  
4-Chlorotoluene  
Concen: 42.723 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 91 Resp: 304819  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.1 48.3





#83

tert-Butylbenzene

Concen: 46.490 ug/l

RT: 13.435 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 298778

Ion Ratio Lower Upper

119 100

91 70.1 35.1 105.5

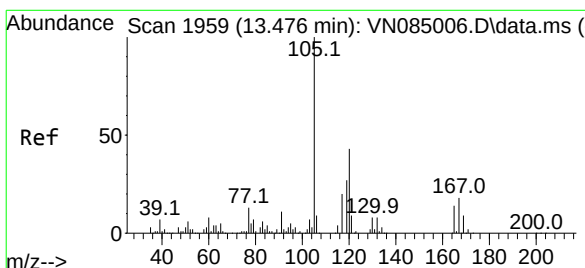
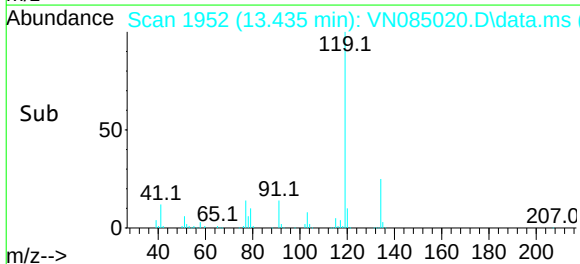
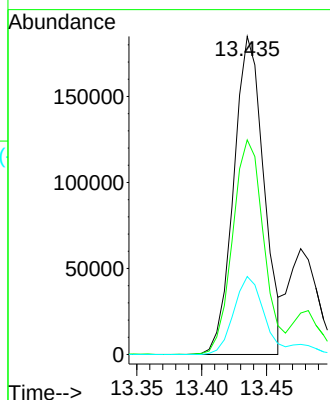
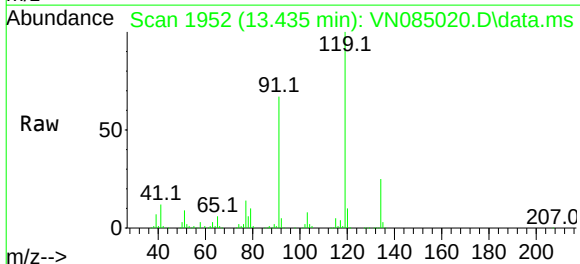
134 24.4 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 46.990 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085020.D

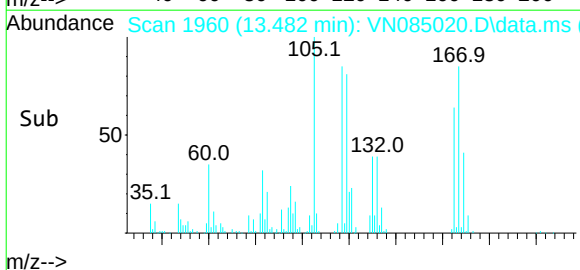
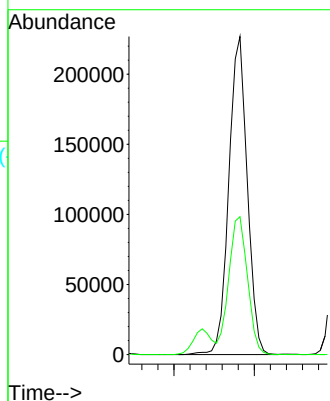
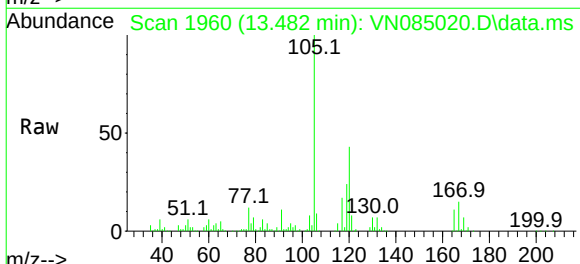
Acq: 22 Nov 2024 20:52

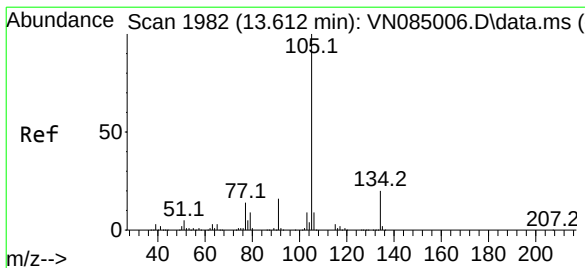
Tgt Ion:105 Resp: 361290

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.4





#85

sec-Butylbenzene

Concen: 46.498 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 403676

Ion Ratio Lower Upper

105 100

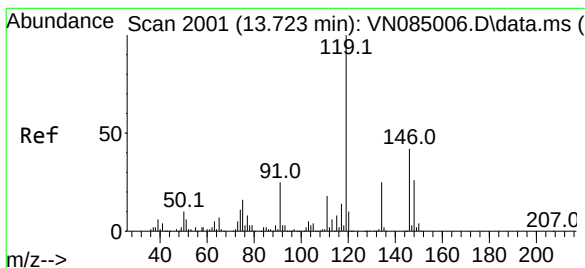
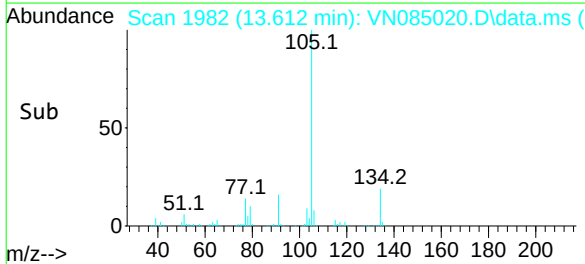
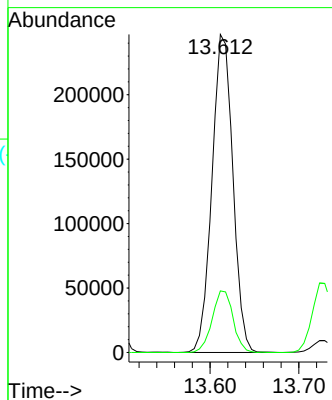
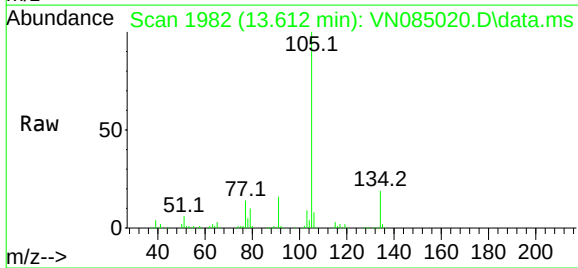
134 19.3 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#86

p-Isopropyltoluene

Concen: 47.952 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

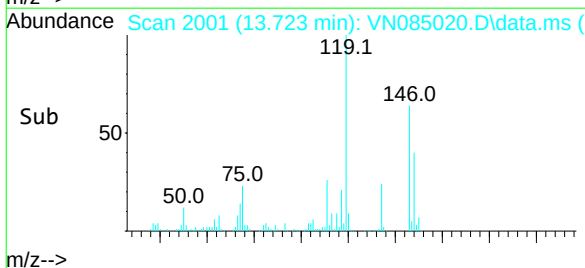
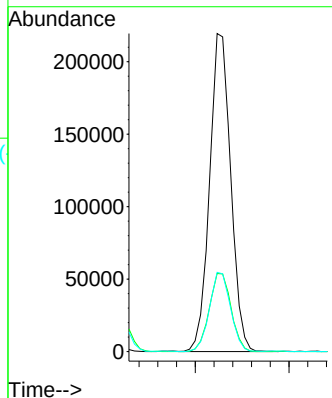
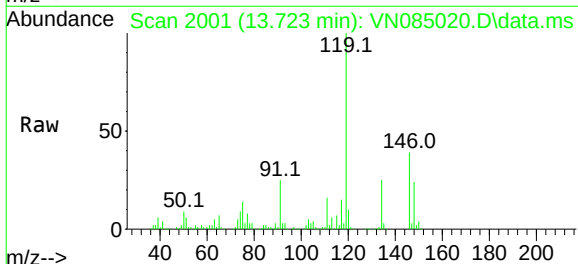
Tgt Ion:119 Resp: 343655

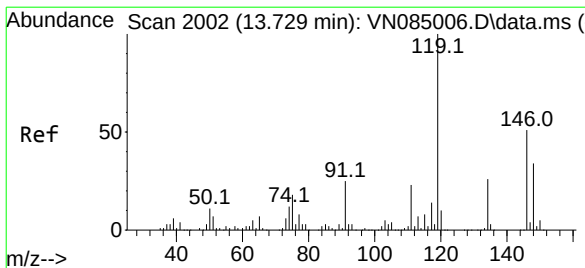
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 24.9 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 38.478 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

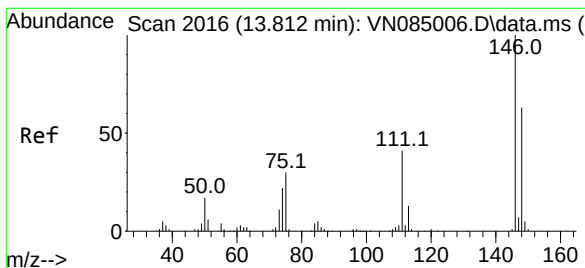
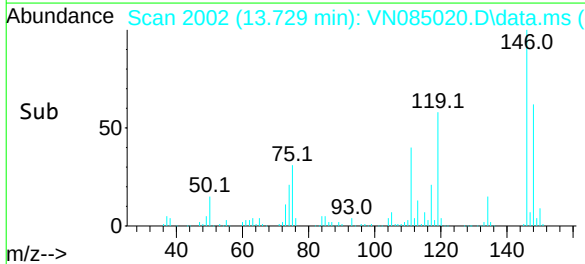
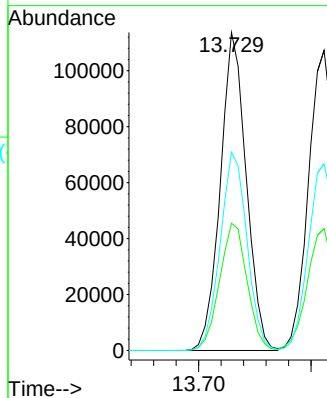
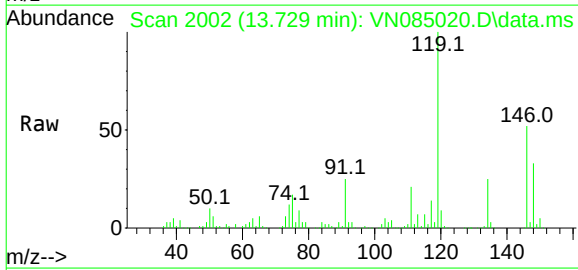
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 181798 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.5  | 21.6  | 65.0   |
| 148       | 64.5  | 32.2  | 96.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 37.400 ug/l

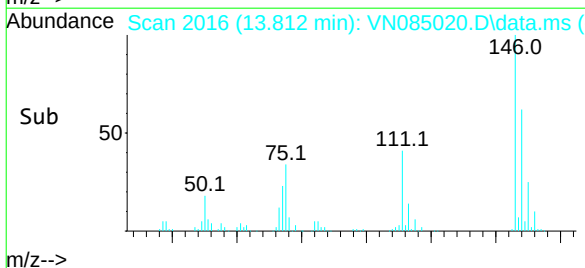
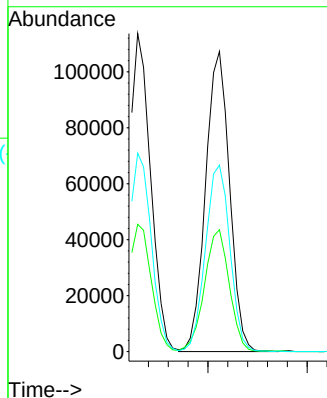
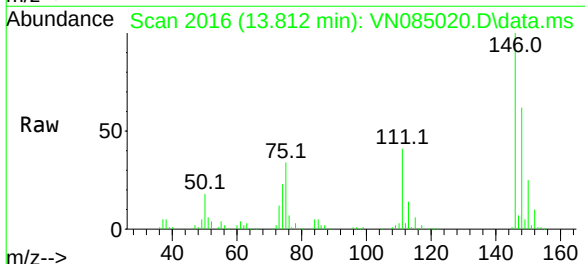
RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

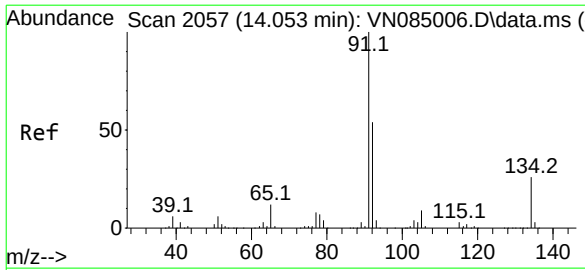
Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 180327 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.2  | 20.9  | 62.8   |
| 148       | 63.4  | 31.3  | 93.9   |







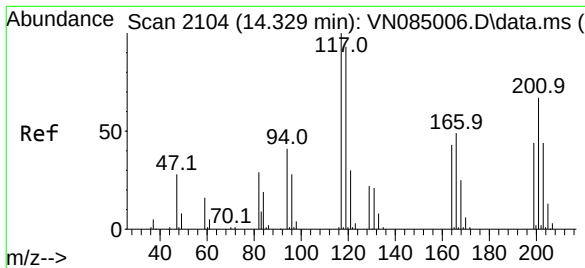
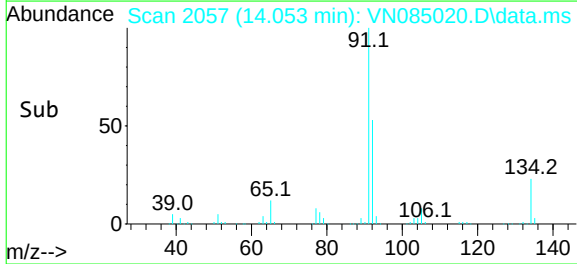
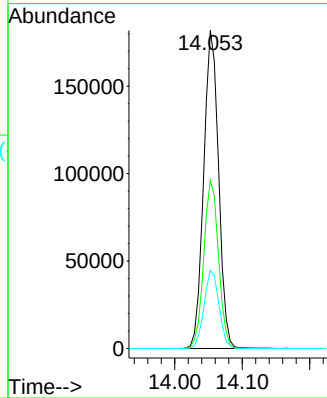
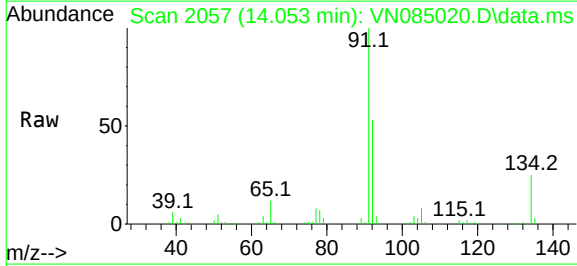
#89  
n-Butylbenzene  
Concen: 41.878 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 279110  
Ion Ratio Lower Upper  
91 100  
92 52.3 26.8 80.3  
134 24.6 12.8 38.4

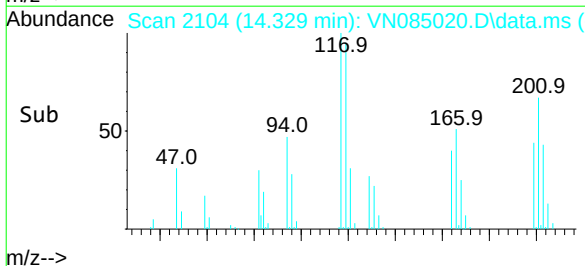
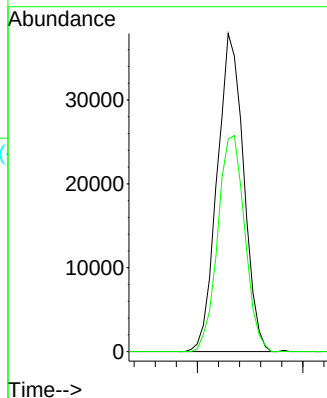
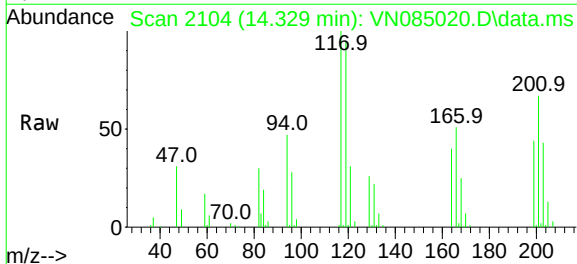
Manual Integrations  
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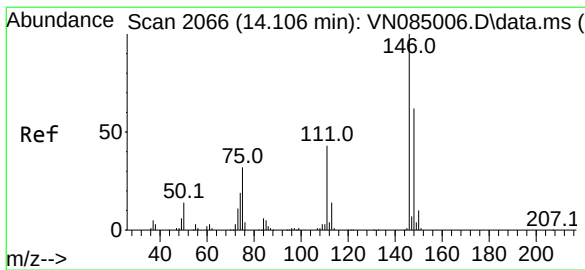
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#90  
Hexachloroethane  
Concen: 42.304 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion:117 Resp: 66086  
Ion Ratio Lower Upper  
117 100  
201 69.3 35.2 105.6





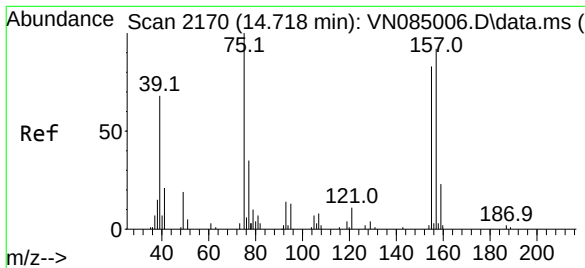
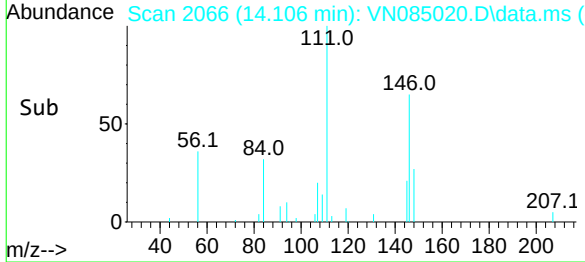
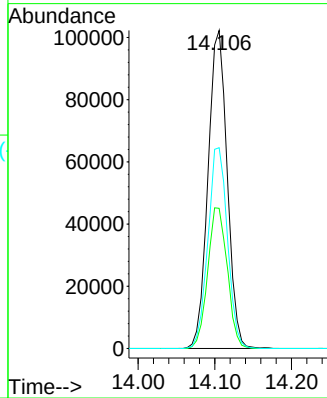
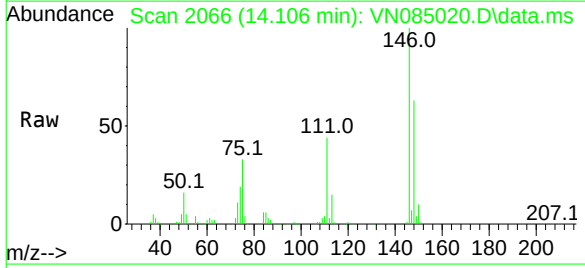
#91  
1,2-Dichlorobenzene  
Concen: 39.174 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 177360  
Ion Ratio Lower Upper  
146 100  
111 45.2 21.9 65.8  
148 64.4 31.1 93.2

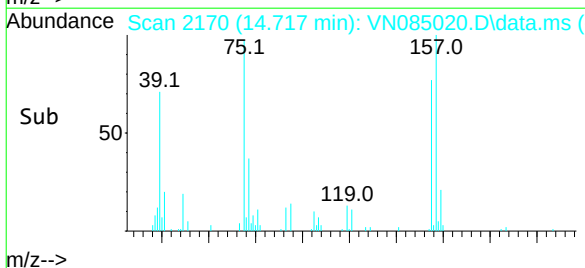
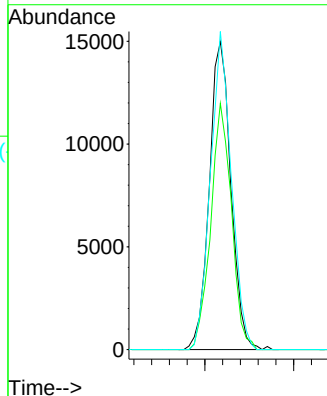
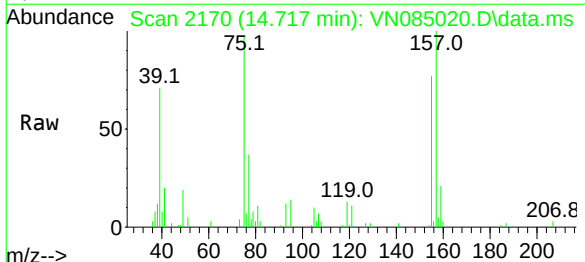
Manual Integrations  
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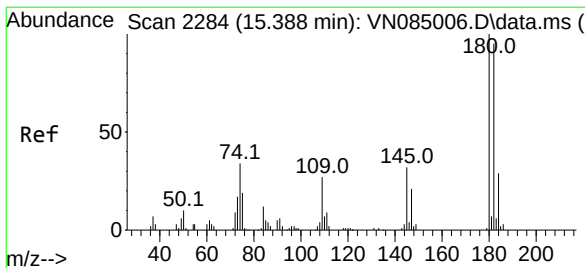
Reviewed By :John Carlone 11/25/2024  
Supervised By :Mahesh Dadoda 11/25/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 43.206 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085020.D  
Acq: 22 Nov 2024 20:52

Tgt Ion: 75 Resp: 25395  
Ion Ratio Lower Upper  
75 100  
155 76.5 38.9 116.7  
157 99.7 48.3 144.9





#93

1,2,4-Trichlorobenzene

Concen: 34.085 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

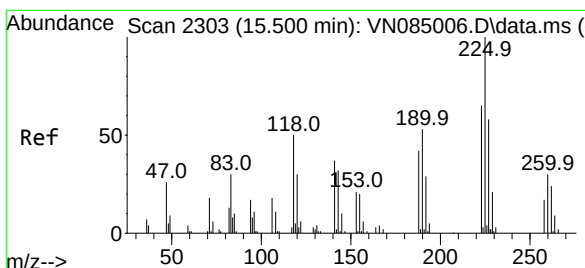
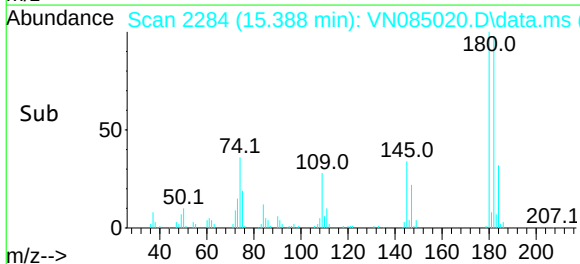
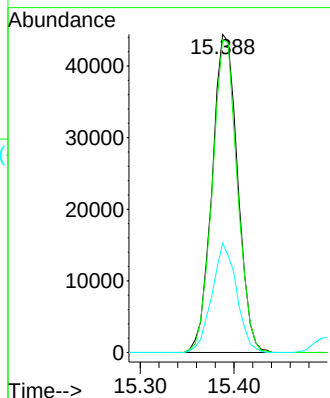
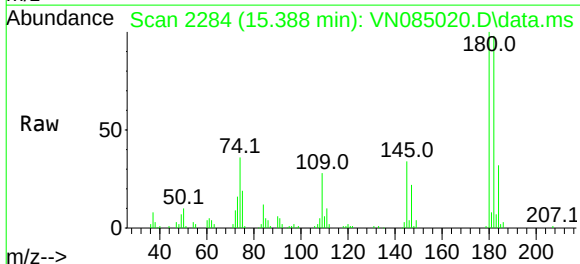
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 83838 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.4  | 46.9  | 140.8 |
| 145       | 33.2  | 16.3  | 48.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 34.818 ug/l

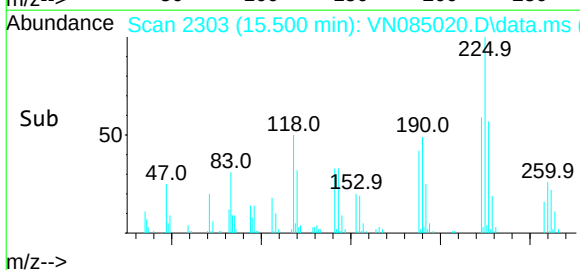
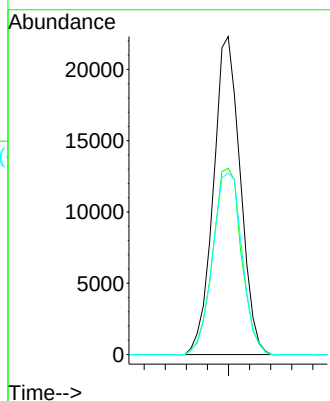
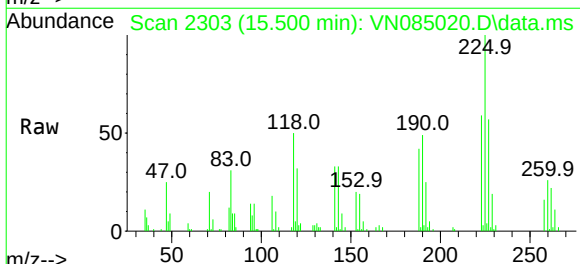
RT: 15.500 min Scan# 2303

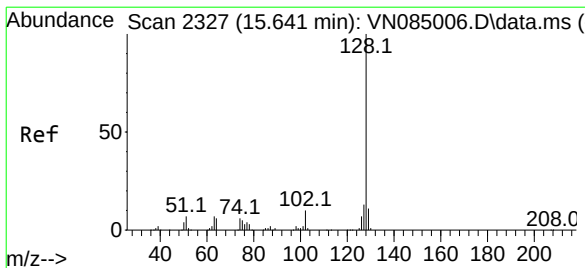
Delta R.T. -0.000 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 39524 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.6  | 30.9  | 92.8  |
| 227       | 62.6  | 31.5  | 94.5  |





#95

Naphthalene

Concen: 40.401 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

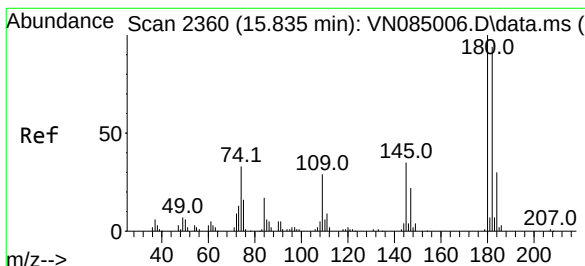
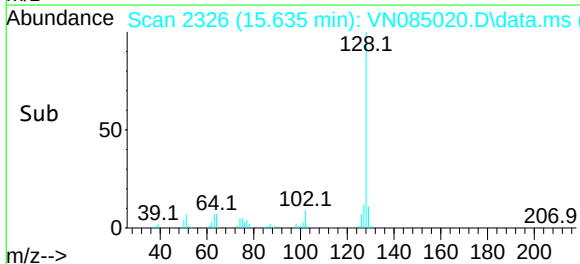
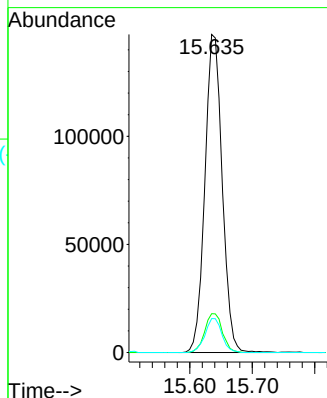
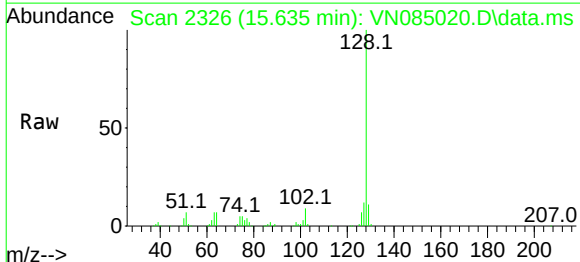
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 283029 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.5  | 10.6  | 16.0   |
| 129      | 10.4  | 8.6   | 12.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 36.849 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085020.D

Acq: 22 Nov 2024 20:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 86482 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.2  | 46.4  | 139.2 |
| 145      | 35.2  | 17.3  | 52.0  |

