

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121824\  
 Data File : VN085249.D  
 Acq On : 18 Dec 2024 13:33  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/20/2024  
 Supervised By : Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 19 05:12:29 2024  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 118161     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 208462     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 179857     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 81812      | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.571          | 65   | 10300      | 4.987   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 9.980%# |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 6930       | 4.728   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 9.460%# |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 24363      | 4.548   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 9.100%# |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 8246       | 4.310   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 8.620%# |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 8552       | 4.543   | ug/l   | 94       |
| 3) Chloromethane             | 2.359          | 50   | 7973       | 4.444   | ug/l # | 80       |
| 4) Vinyl Chloride            | 2.507          | 62   | 7913       | 4.707   | ug/l   | 91       |
| 5) Bromomethane              | 2.942          | 94   | 5788       | 5.249   | ug/l   | 82       |
| 6) Chloroethane              | 3.112          | 64   | 5141       | 4.270   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 13956      | 5.141   | ug/l   | 87       |
| 8) Diethyl Ether             | 3.959          | 74   | 4055       | 4.756   | ug/l   | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 7130       | 4.897   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.589          | 142  | 7671       | 4.621   | ug/l # | 90       |
| 11) Tert butyl alcohol       | 5.524          | 59   | 7940       | 27.677  | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 6834       | 5.067   | ug/l   | 81       |
| 13) Acrolein                 | 4.183          | 56   | 9089       | 27.511  | ug/l   | 95       |
| 14) Allyl chloride           | 5.018          | 41   | 11517m     | 4.919   | ug/l   |          |
| 15) Acrylonitrile            | 5.718          | 53   | 19826      | 25.373  | ug/l   | 94       |
| 16) Acetone                  | 4.430          | 43   | 17066      | 23.939  | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.706          | 76   | 21904      | 4.759   | ug/l   | 100      |
| 18) Methyl Acetate           | 5.024          | 43   | 10156      | 5.032   | ug/l # | 74       |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 22107      | 4.782   | ug/l   | 99       |
| 20) Methylene Chloride       | 5.277          | 84   | 7716       | 4.948   | ug/l # | 82       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 7480       | 5.031   | ug/l   | 86       |
| 22) Diisopropyl ether        | 6.671          | 45   | 24072      | 4.831   | ug/l # | 87       |
| 23) Vinyl Acetate            | 6.600          | 43   | 87406      | 22.702  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.565          | 63   | 14175      | 4.911   | ug/l   | 98       |
| 25) 2-Butanone               | 7.489          | 43   | 26587      | 24.353  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 7.489          | 77   | 12837      | 4.803   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.489          | 96   | 8025       | 4.635   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.818          | 49   | 6906       | 4.744   | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 16381      | 23.277  | ug/l   | 98       |
| 30) Chloroform               | 7.965          | 83   | 14768      | 4.791   | ug/l   | 97       |
| 31) Cyclohexane              | 8.247          | 56   | 14453      | 5.409   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 12937      | 4.709   | ug/l   | 91       |
| 36) 1,1-Dichloropropene      | 8.365          | 75   | 8898       | 4.360   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.559          | 43   | 12366      | 5.252   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 11905      | 4.825   | ug/l   | 85       |
| 39) Methylcyclohexane        | 9.594          | 83   | 9043       | 4.258   | ug/l   | 94       |
| 40) Benzene                  | 8.600          | 78   | 30681      | 4.833   | ug/l   | 95       |

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 Data File : VN085249.D  
 Acq On : 18 Dec 2024 13:33  
 Operator : JC\MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

**Instrument :**

MSVOA\_N

**ClientSampleId :**

VSTDICC005

**Manual Integrations****APPROVED**

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M

Quant Title : SW846 8260

QLast Update : Thu Dec 19 05:12:29 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 5611     | 4.676  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 11828    | 4.891  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 19471    | 4.522  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 6824     | 4.828  | ug/l   | 86       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 7717     | 4.909  | ug/l   | 91       |
| 46) Dibromomethane            | 9.706  | 93   | 5495     | 4.897  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.888  | 83   | 11320    | 4.708  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.683  | 41   | 7921     | 4.488  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 2671     | 95.985 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 53682    | 23.729 | ug/l   | 100      |
| 52) Toluene                   | 10.630 | 92   | 17541    | 4.595  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 11095    | 4.734  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 11559    | 4.639  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 6841     | 4.786  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 9510     | 5.579  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 12003    | 4.771  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 20838    | 30.655 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 36841    | 22.845 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.353 | 129  | 8061     | 4.758  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 7045     | 4.785  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 6130     | 5.065  | ug/l # | 87       |
| 65) Chlorobenzene             | 11.888 | 112  | 19753    | 4.886  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 6906     | 4.896  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 30951    | 4.466  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.065 | 106  | 23102    | 8.914  | ug/l   | 100      |
| 69) o-Xylene                  | 12.394 | 106  | 10391    | 4.265  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 17024    | 4.186  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 5534     | 5.005  | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.694 | 105  | 27255    | 4.618  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 12710    | 4.312  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 10500    | 4.993  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 8941m    | 5.009  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 7303     | 4.713  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.035 | 91   | 30515    | 4.216  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 21362    | 4.648  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 20420    | 4.148  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 3037     | 4.135  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 21725    | 4.672  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 18639    | 4.465  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 21692    | 4.311  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 24574    | 4.222  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 19136    | 5.212  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 13219    | 4.632  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 14078    | 4.768  | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 17185    | 4.015  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 4807     | 4.496  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 12593    | 4.745  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 2053     | 5.091  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 5886     | 4.332  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 3772     | 5.342  | ug/l   | 88       |
| 95) Naphthalene               | 15.635 | 128  | 18483    | 4.108  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 6162     | 4.541  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121824\  
Data File : VN085249.D  
Acq On : 18 Dec 2024 13:33  
Operator : JC\MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 19 05:20:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 19 05:12:29 2024  
Response via : Initial Calibration

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

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

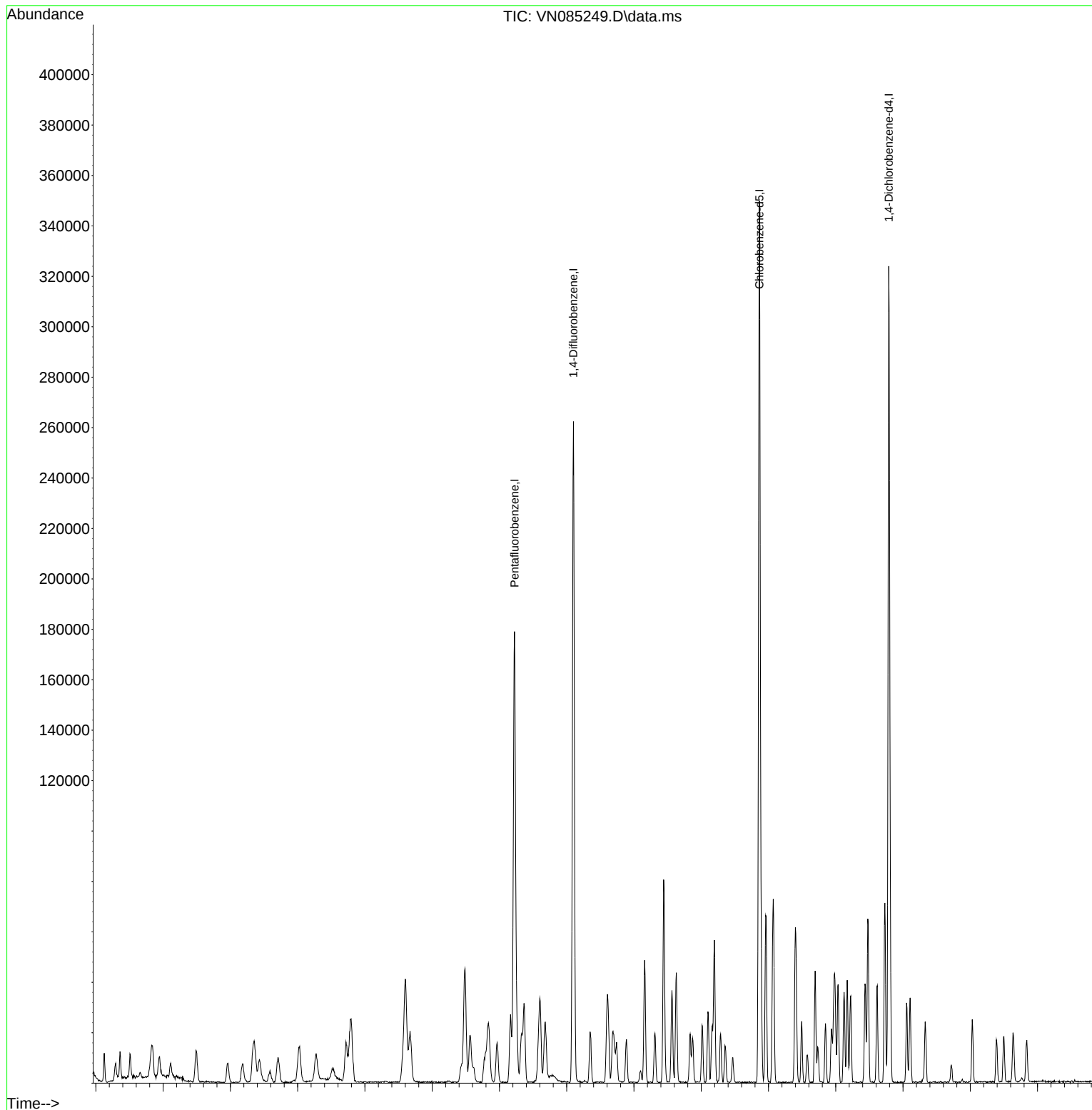
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Data File : VN085249.D  
Acq On : 18 Dec 2024 13:33  
Operator : JC\MD  
Sample : VSTDIC005  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

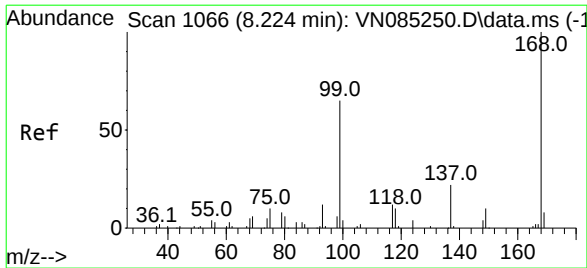
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Manual Integrations  
APPROVED

Reviewed By : John Carlone 12/20/2024  
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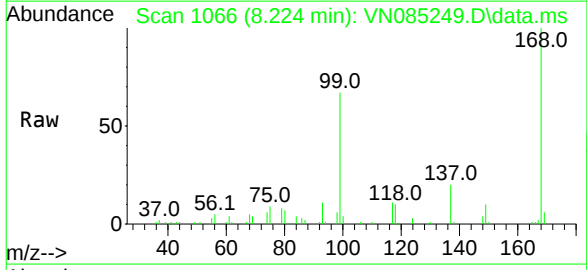
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 19 05:12:29 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

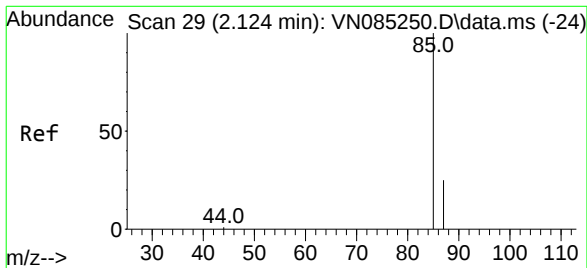
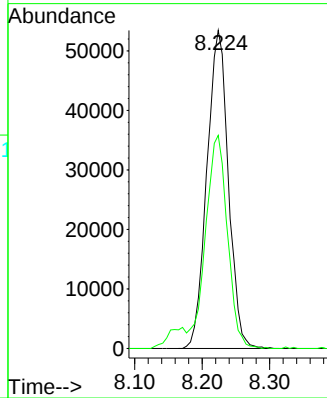
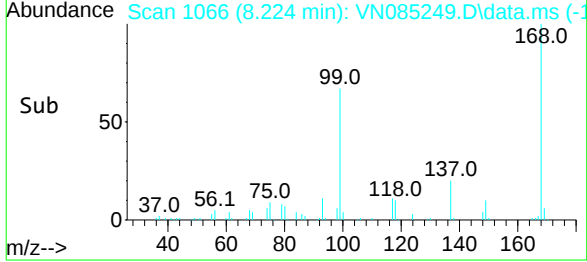
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 168 Resp: 118161  
Ion Ratio Lower Upper  
168 100  
99 67.0 50.7 76.1

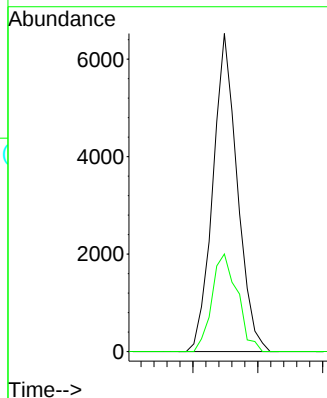
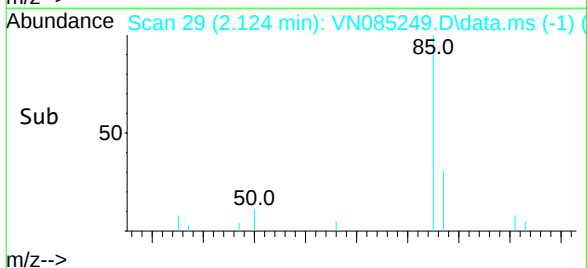
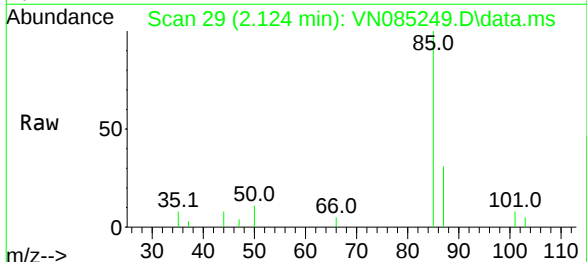
Manual Integrations  
APPROVED

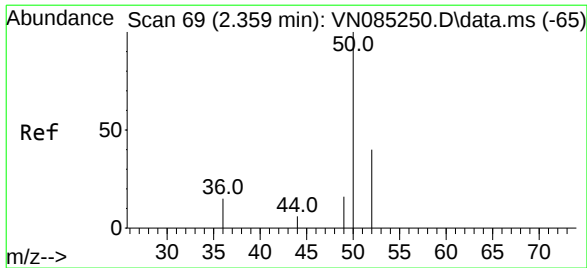
Reviewed By : John Carlone 12/20/2024  
Supervised By : Mahesh Dadoda 12/20/2024



#2  
Dichlorodifluoromethane  
Concen: 4.543 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 85 Resp: 8552  
Ion Ratio Lower Upper  
85 100  
87 30.7 17.1 51.3





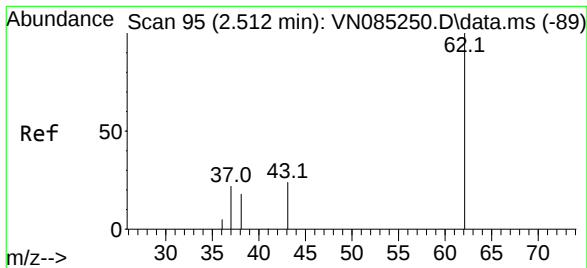
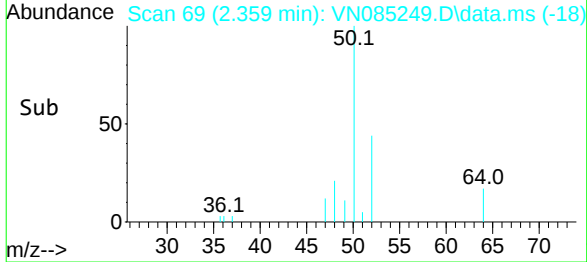
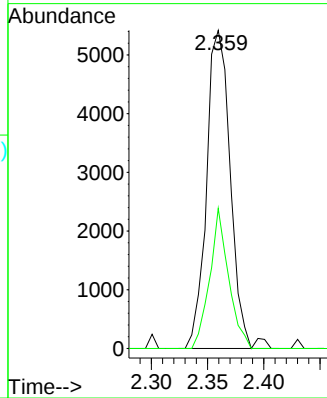
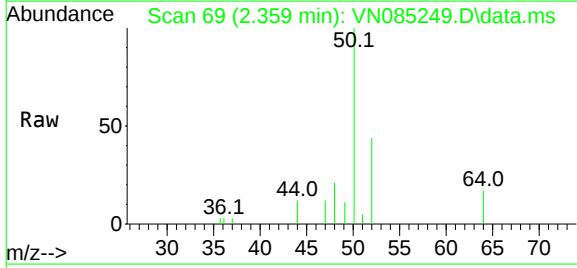
#3  
Chloromethane  
Concen: 4.444 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 50 Resp: 7973  
Ion Ratio Lower Upper  
50 100  
52 44.0 26.2 39.2#

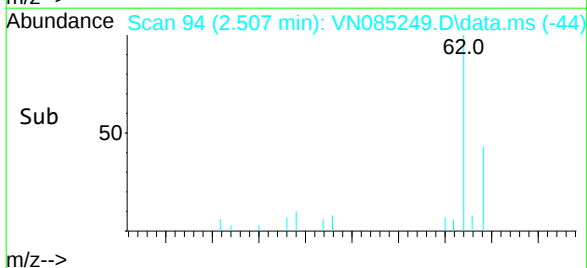
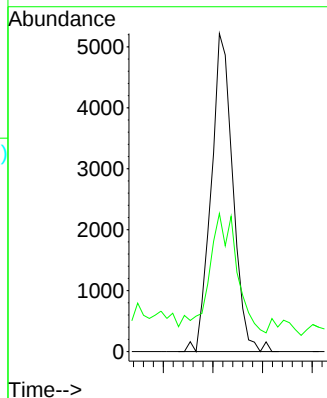
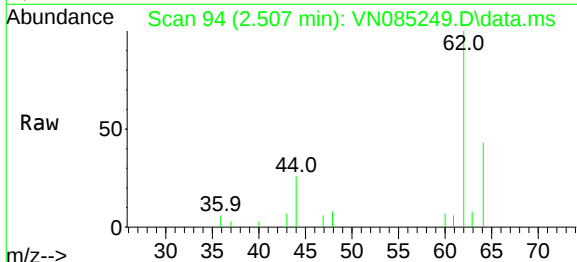
Manual Integrations  
APPROVED

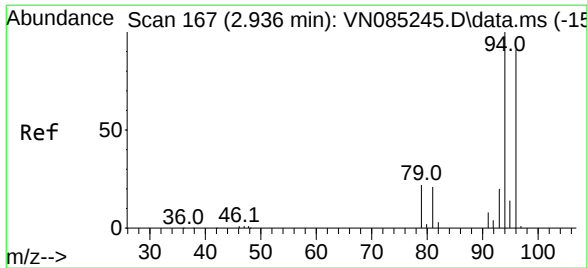
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#4  
Vinyl Chloride  
Concen: 4.707 ug/l  
RT: 2.507 min Scan# 94  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 62 Resp: 7913  
Ion Ratio Lower Upper  
62 100  
64 35.7 24.5 36.7





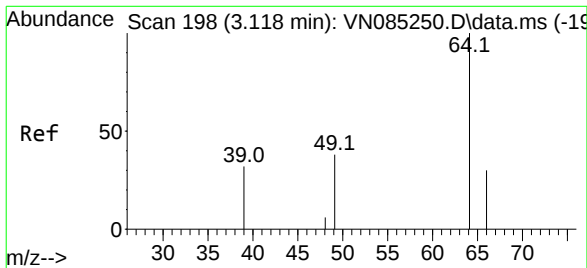
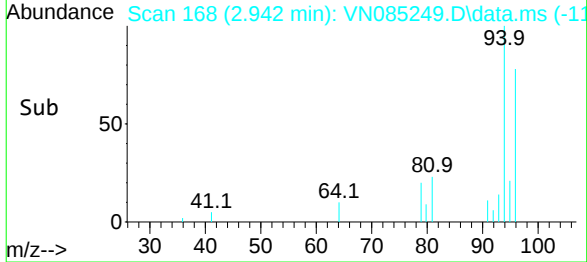
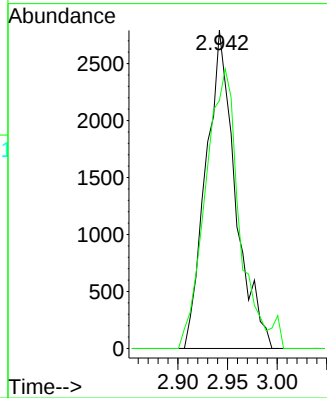
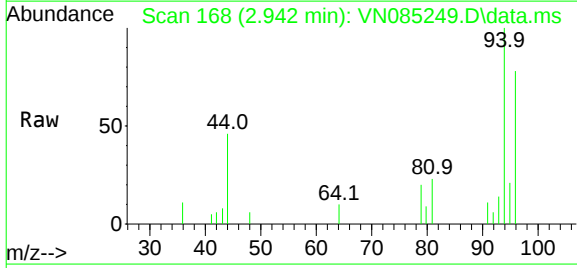
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Bromomethane  
Concen: 5.249 ug/l  
RT: 2.942 min Scan# 16  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 94 Resp: 5788  
Ion Ratio Lower Upper  
94 100  
96 77.9 76.8 115.2

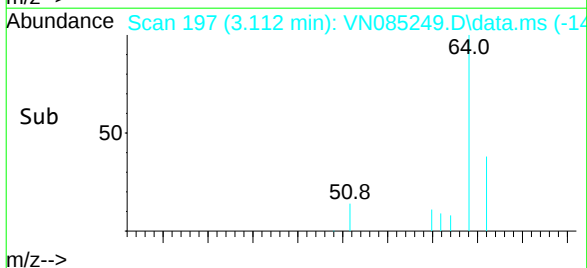
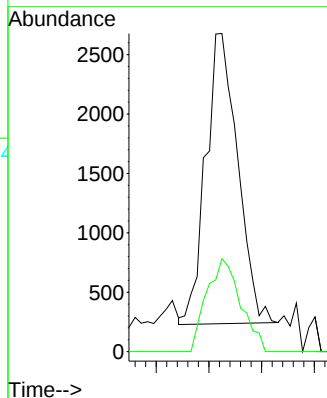
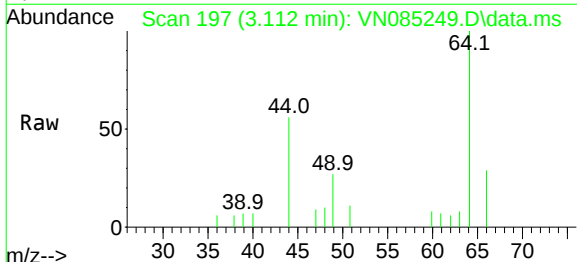
Manual Integrations  
APPROVED

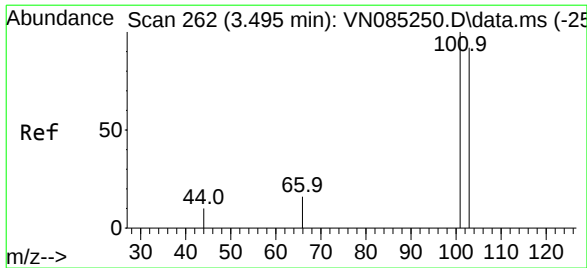
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#6  
Chloroethane  
Concen: 4.270 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

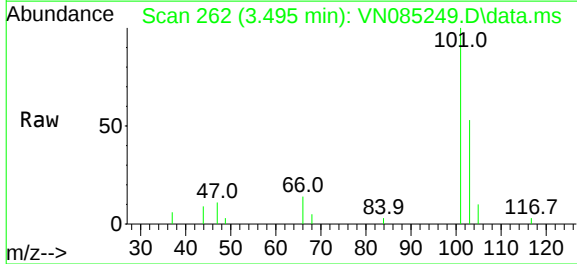
Tgt Ion: 64 Resp: 5141  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.3 39.5





#7  
 Trichlorofluoromethane  
 Concen: 5.141 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. 0.000 min  
 Lab File: VN085249.D  
 Acq: 18 Dec 2024 13:33

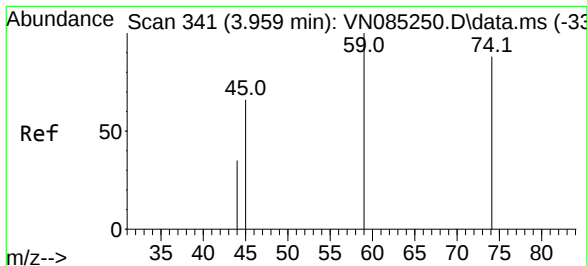
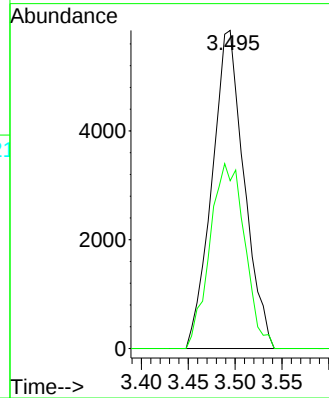
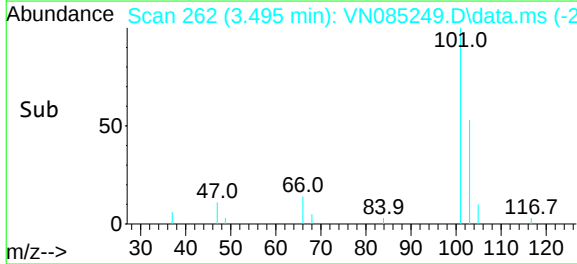
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC005



Tgt Ion: 101 Resp: 13956  
 Ion Ratio Lower Upper  
 101 100  
 103 52.7 50.2 75.4

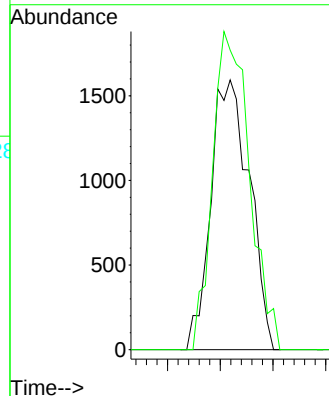
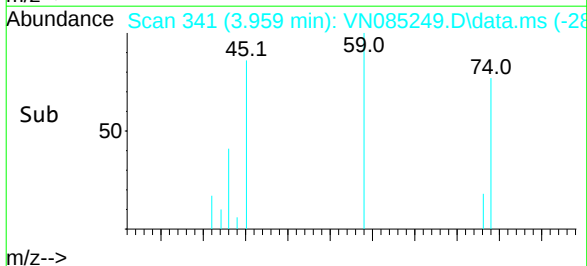
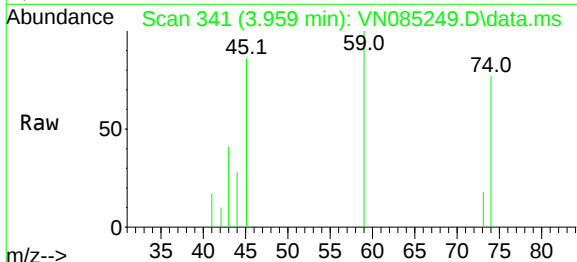
Manual Integrations  
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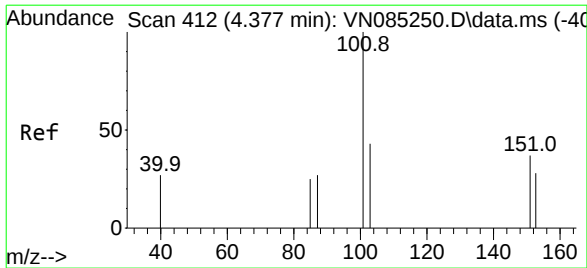
Reviewed By : John Carlone 12/20/2024  
 Supervised By : Mahesh Dadoda 12/20/2024



#8  
 Diethyl Ether  
 Concen: 4.756 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN085249.D  
 Acq: 18 Dec 2024 13:33

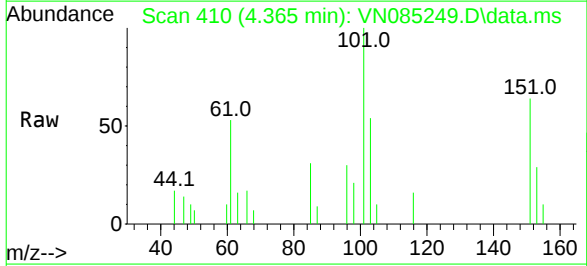
Tgt Ion: 74 Resp: 4055  
 Ion Ratio Lower Upper  
 74 100  
 45 112.8 50.0 150.1





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.897 ug/l  
RT: 4.365 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

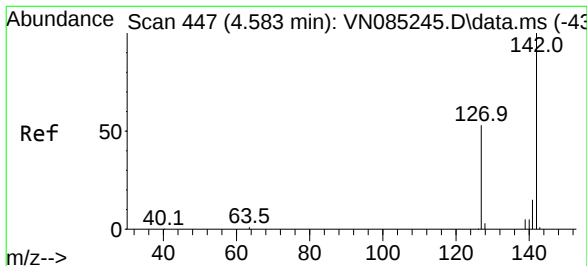
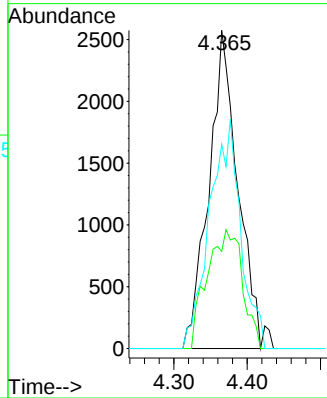
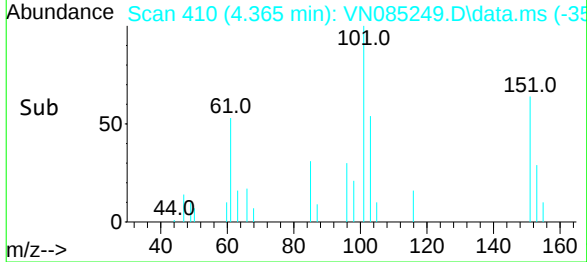
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



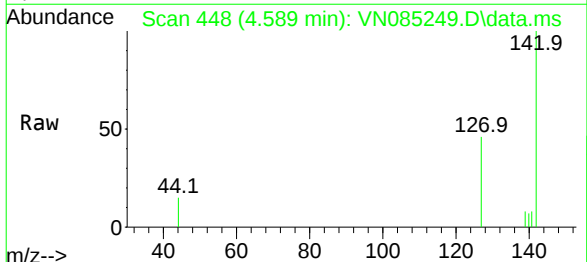
Tgt Ion:101 Resp: 7130  
Ion Ratio Lower Upper  
101 100  
85 45.0 39.0 58.4  
151 76.4 58.6 87.8

Manual Integrations  
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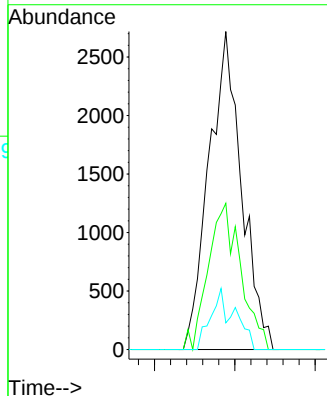
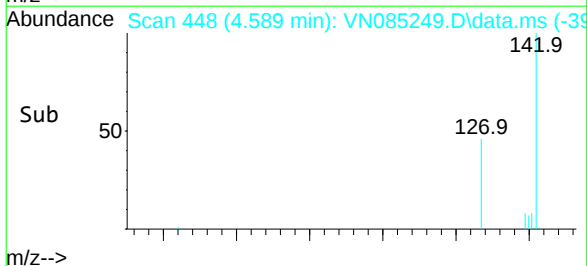
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024

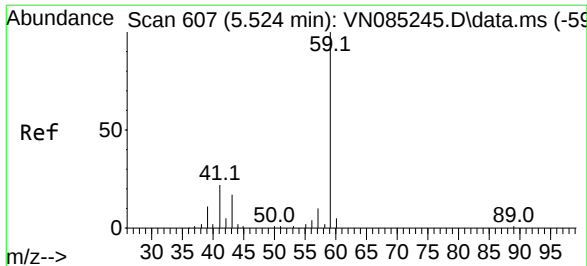


#10  
Methyl Iodide  
Concen: 4.621 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



Tgt Ion:142 Resp: 7671  
Ion Ratio Lower Upper  
142 100  
127 46.0 42.5 63.7  
141 8.4 10.2 15.4#





#11

Tert butyl alcohol

Concen: 27.677 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 7940

Ion Ratio Lower Upper

59 100

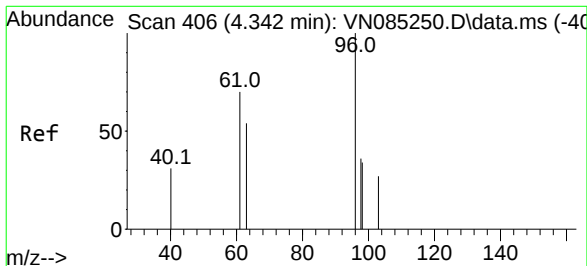
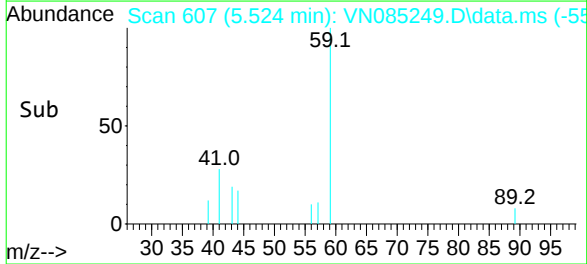
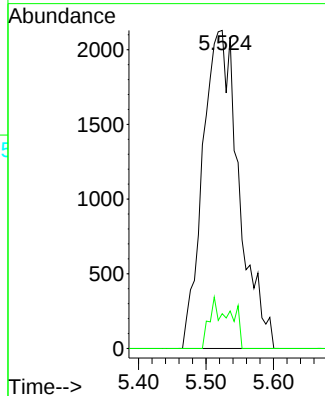
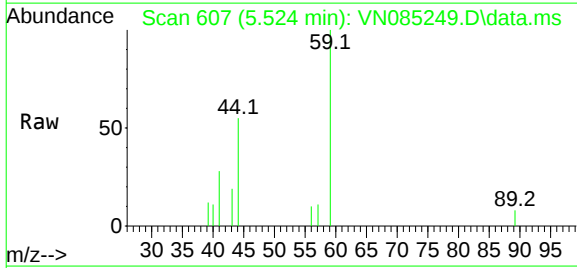
57 5.9 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1-Dichloroethene

Concen: 5.067 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

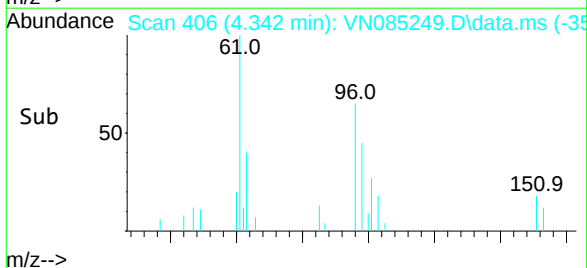
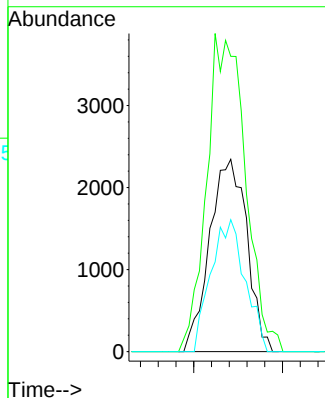
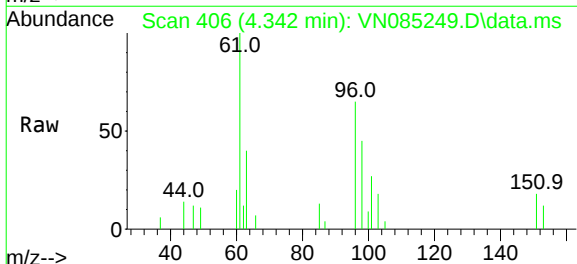
Tgt Ion: 96 Resp: 6834

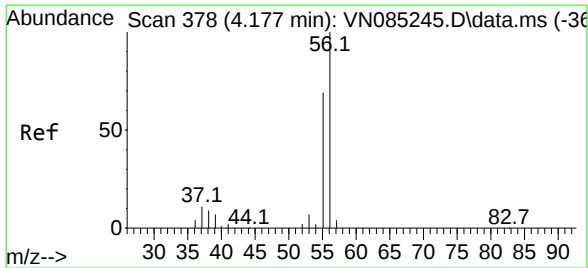
Ion Ratio Lower Upper

96 100

61 153.5 151.6 227.4

98 68.6 51.9 77.9





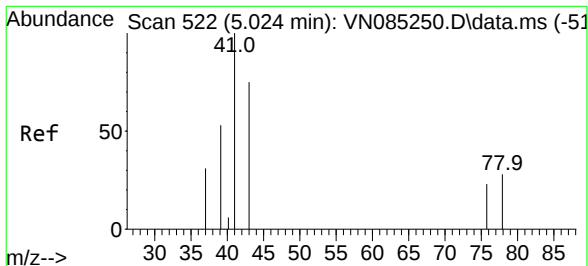
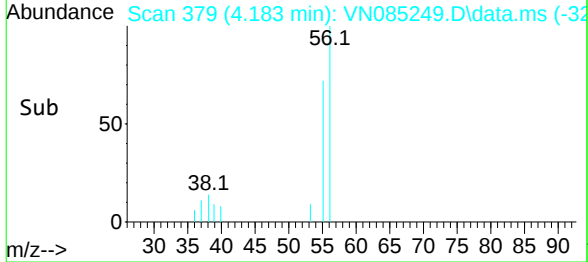
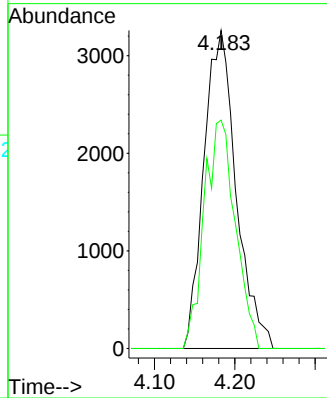
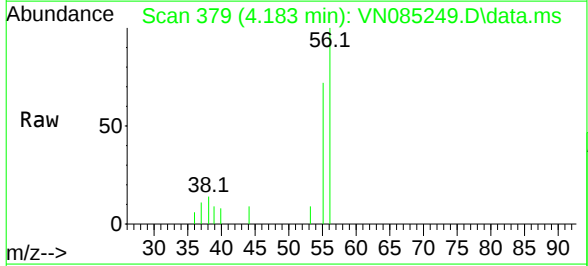
#13  
Acrolein  
Concen: 27.511 ug/l  
RT: 4.183 min Scan# 37  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 56 Resp: 9089  
Ion Ratio Lower Upper  
56 100  
55 69.2 59.0 88.6

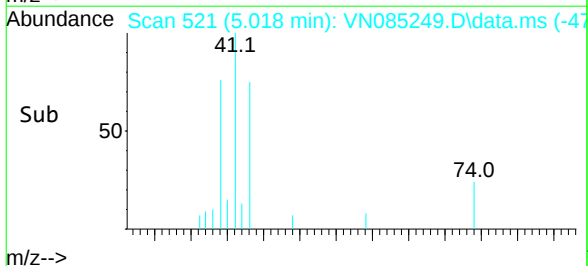
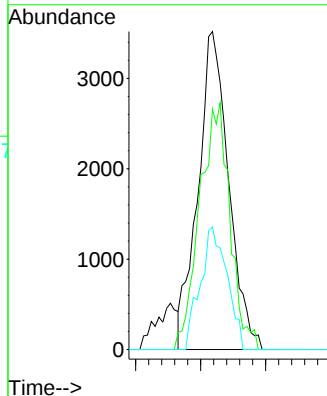
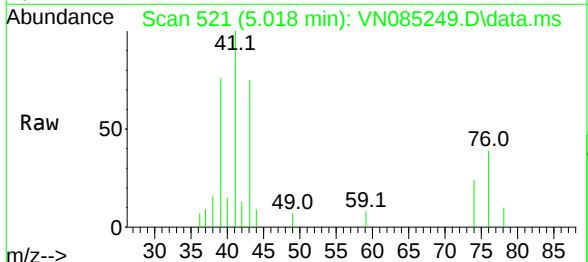
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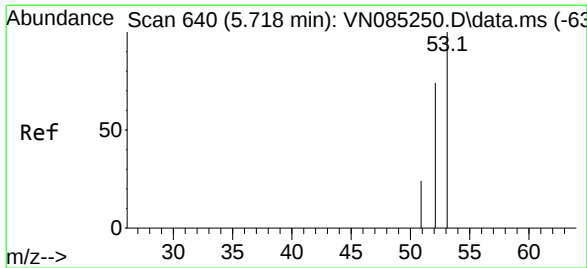
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#14  
Allyl chloride  
Concen: 4.919 ug/l m  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 41 Resp: 11517  
Ion Ratio Lower Upper  
41 100  
39 76.8 66.7 100.1  
76 33.8 29.4 44.2





#15

Acrylonitrile

Concen: 25.373 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

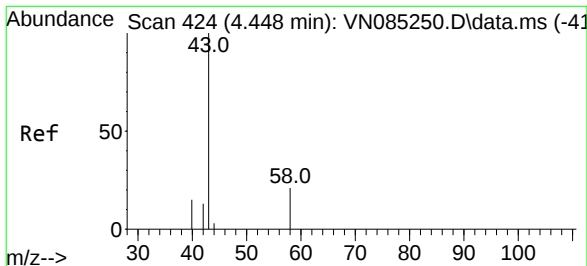
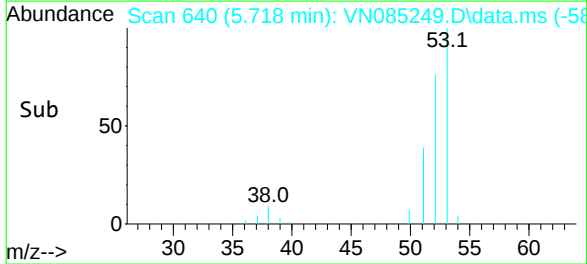
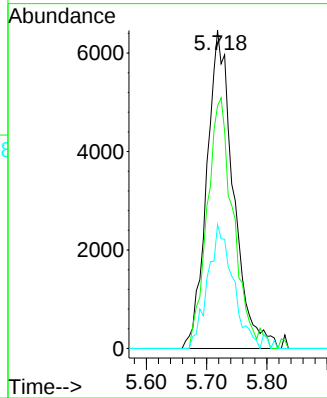
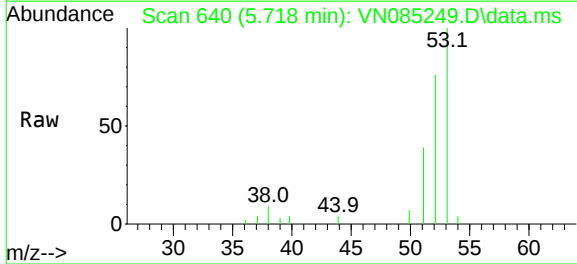
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 19826 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 75.9     | 66.3 99.5   |
| 51 37.0     | 28.2 42.2   |

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#16

Acetone

Concen: 23.939 ug/l

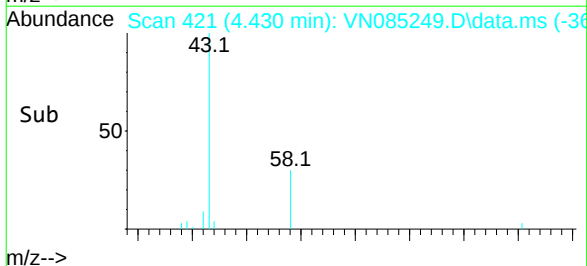
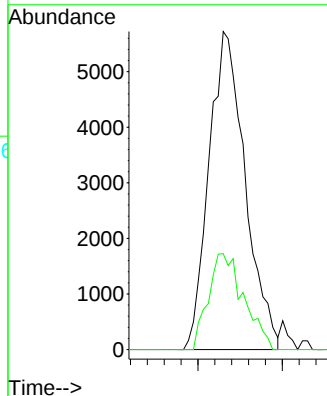
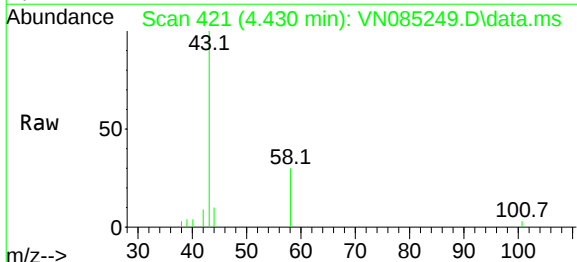
RT: 4.430 min Scan# 421

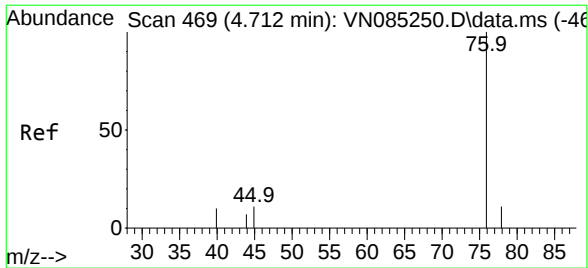
Delta R.T. 0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 17066 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 30.2     | 20.8 31.2   |





#17  
Carbon Disulfide  
Concen: 4.759 ug/l  
RT: 4.706 min Scan# 468  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

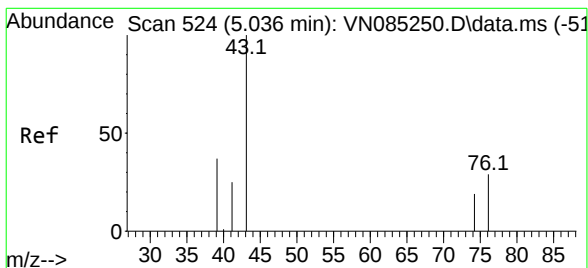
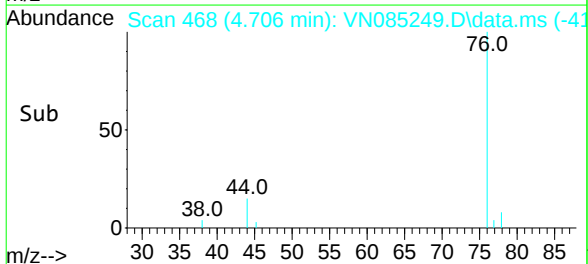
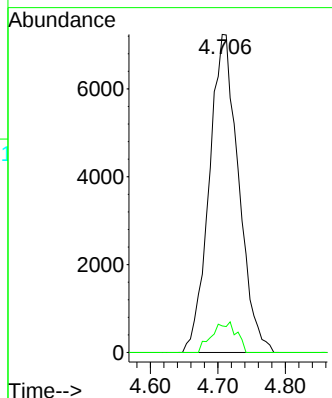
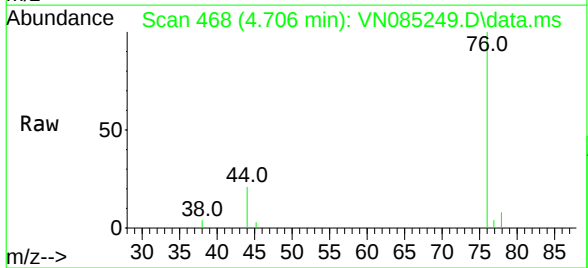
ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 21904  
Ion Ratio Lower Upper  
76 100  
78 8.4 6.8 10.2

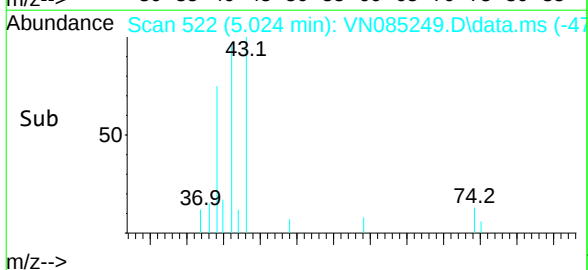
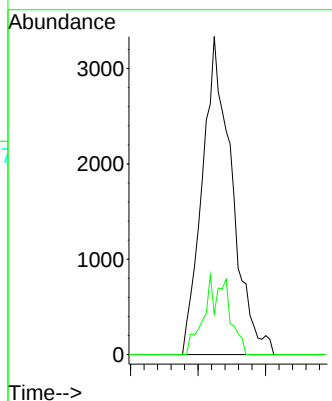
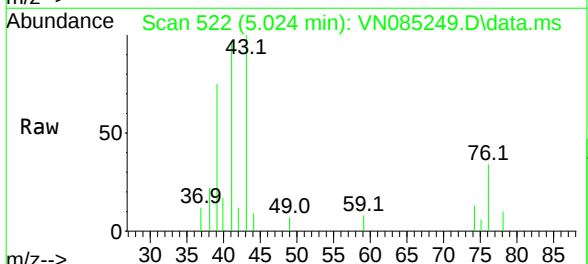
Manual Integrations  
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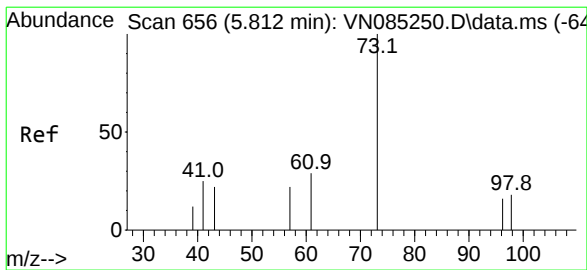
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#18  
Methyl Acetate  
Concen: 5.032 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 43 Resp: 10156  
Ion Ratio Lower Upper  
43 100  
74 9.5 17.5 26.3#





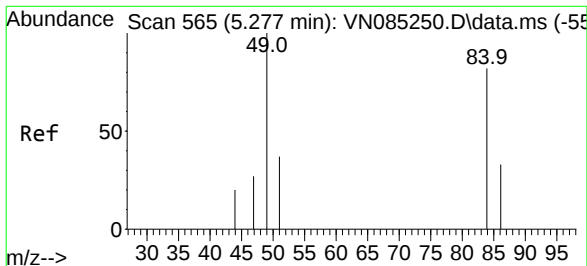
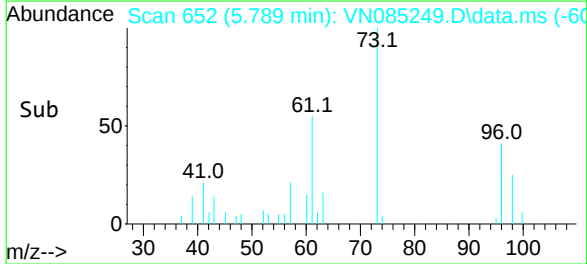
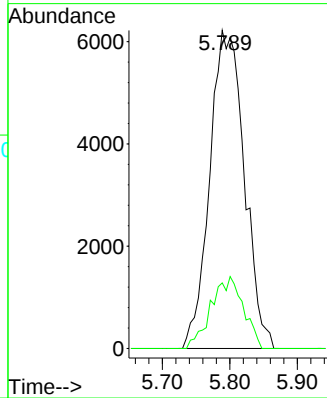
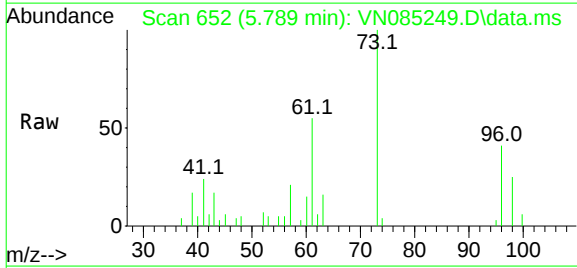
#19  
Methyl tert-butyl Ether  
Concen: 4.782 ug/l  
RT: 5.789 min Scan# 65  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 73 Resp: 22107  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.0 25.6

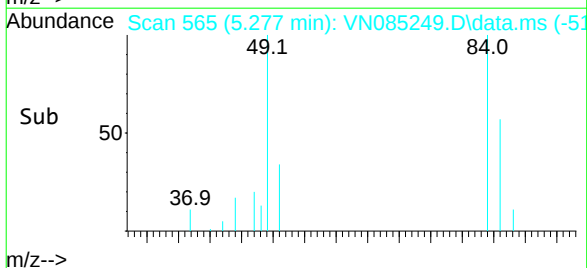
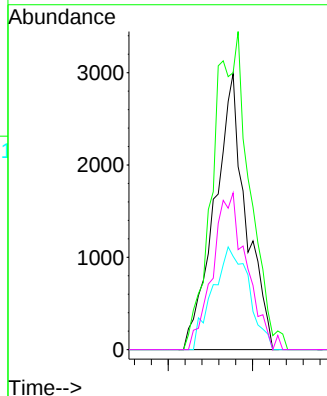
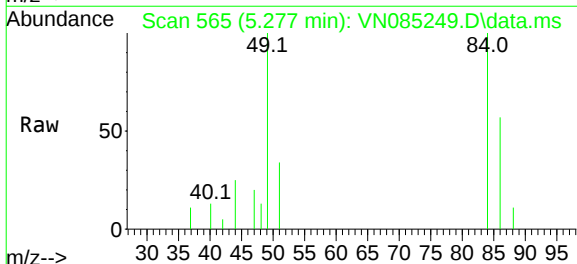
Manual Integrations  
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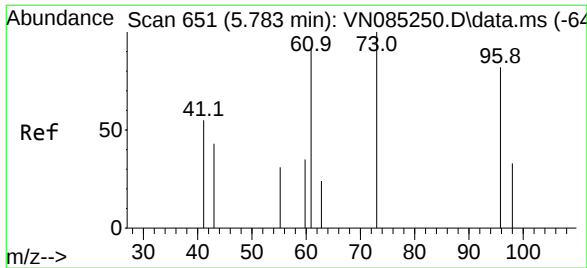
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#20  
Methylene Chloride  
Concen: 4.948 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 84 Resp: 7716  
Ion Ratio Lower Upper  
84 100  
49 100.3 103.6 155.4#  
51 33.8 34.2 51.2#  
86 56.8 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 5.031 ug/l

RT: 5.789 min Scan# 651

Delta R.T. 0.012 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 7480

Ion Ratio Lower Upper

96 100

61 131.7 122.0 183.0

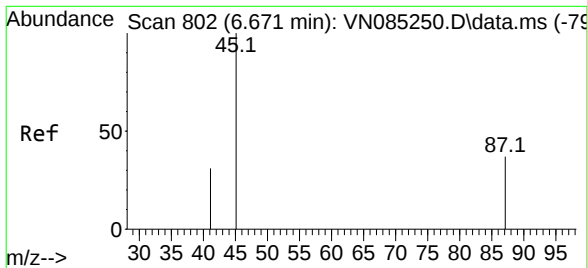
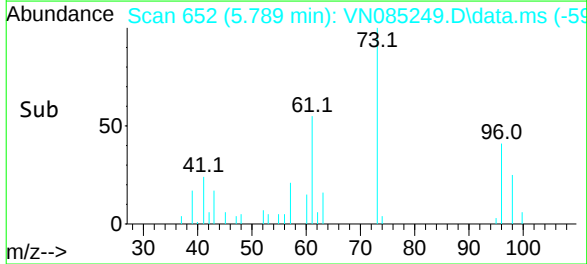
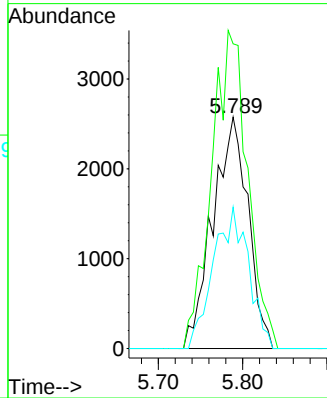
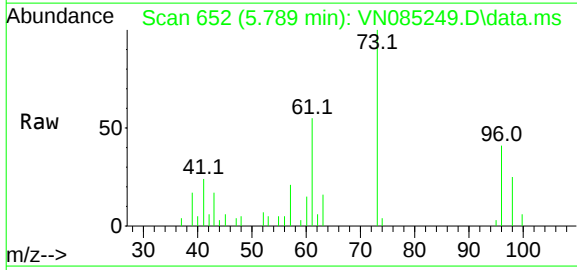
98 61.1 54.3 81.5

Manual Integrations

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Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#22

Diisopropyl ether

Concen: 4.831 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Tgt Ion: 45 Resp: 24072

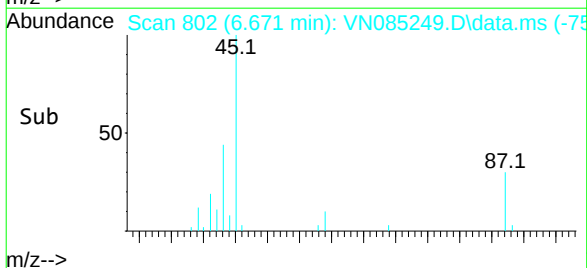
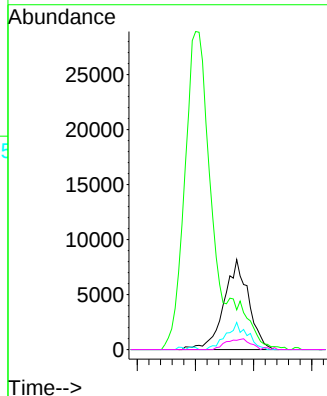
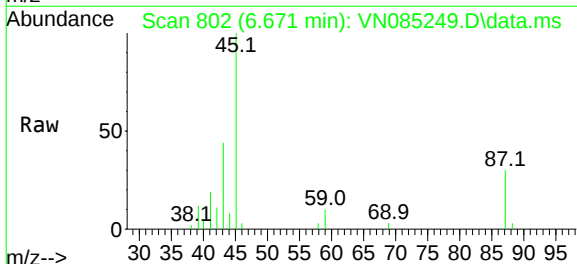
Ion Ratio Lower Upper

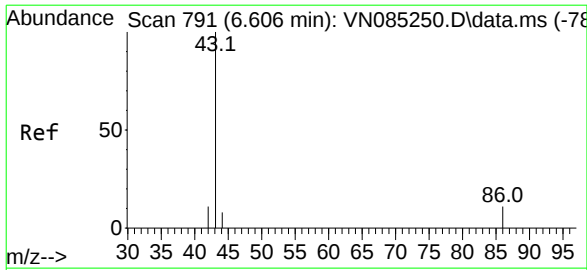
45 100

43 41.1 43.8 65.6

87 30.2 21.2 31.8

59 10.3 8.6 13.0





#23

Vinyl Acetate

Concen: 22.702 ug/l

RT: 6.600 min Scan# 791

Delta R.T. 0.000 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 87406

Ion Ratio Lower Upper

43 100

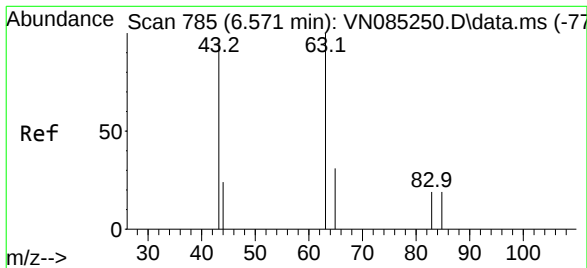
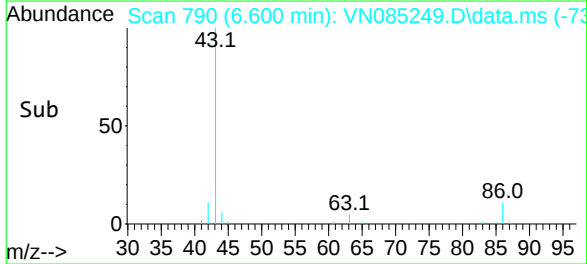
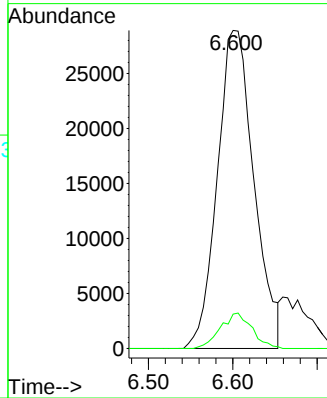
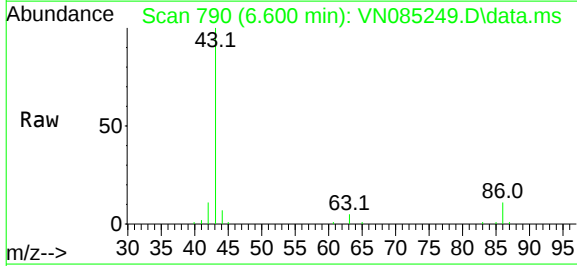
86 10.8 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#24

1,1-Dichloroethane

Concen: 4.911 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

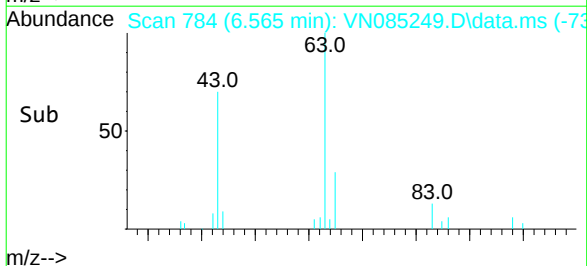
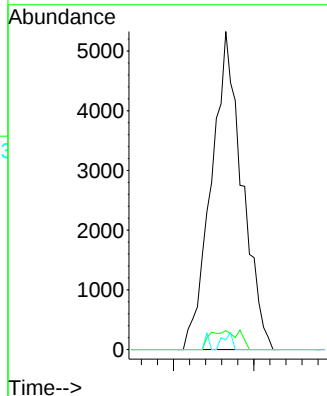
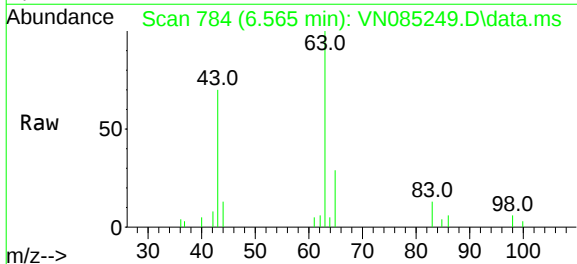
Tgt Ion: 63 Resp: 14175

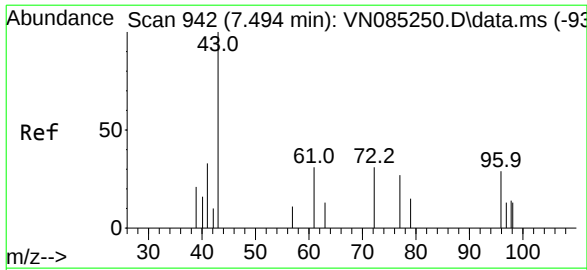
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 3.0 2.1 6.5





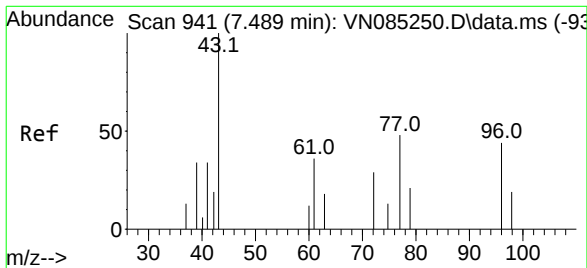
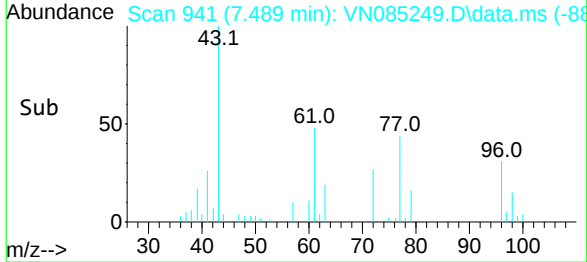
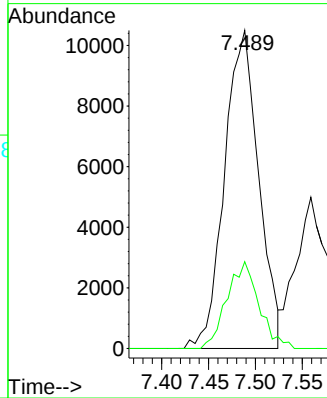
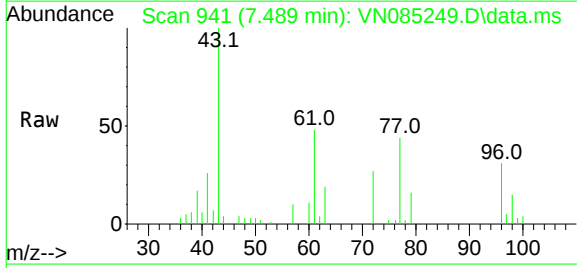
#25  
2-Butanone  
Concen: 24.353 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 43 Resp: 26587  
Ion Ratio Lower Upper  
43 100  
72 27.3 19.6 29.4

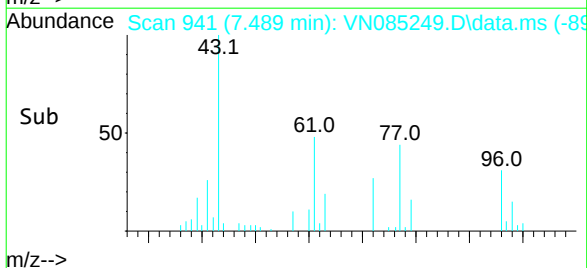
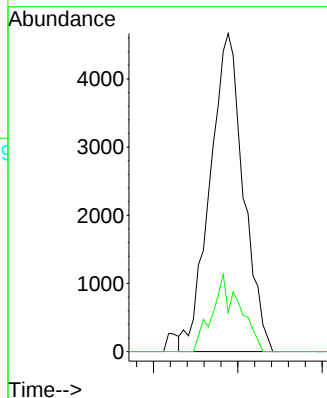
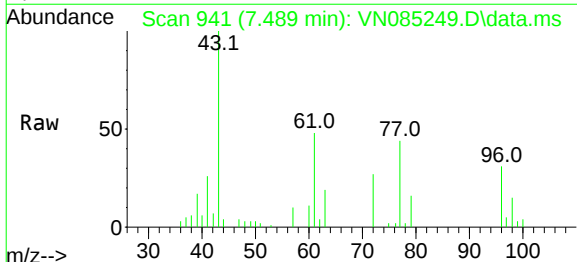
Manual Integrations  
APPROVED

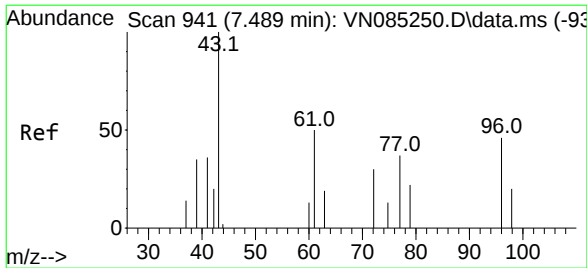
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#26  
2,2-Dichloropropane  
Concen: 4.803 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 77 Resp: 12837  
Ion Ratio Lower Upper  
77 100  
97 20.1 10.5 31.6





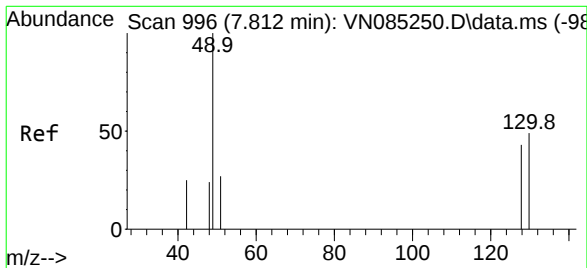
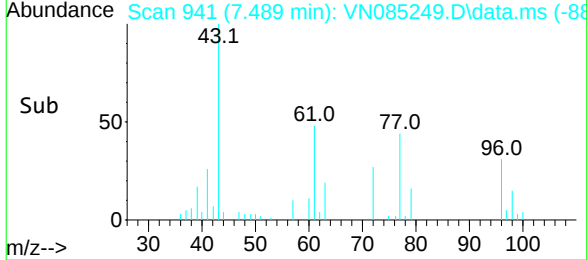
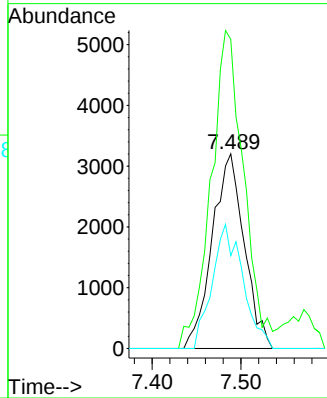
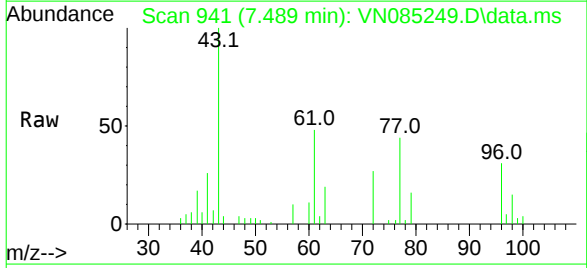
#27  
cis-1,2-Dichloroethene  
Concen: 4.635 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 166.6 | 0.0   | 316.4 |
| 98      | 61.2  | 0.0   | 125.4 |

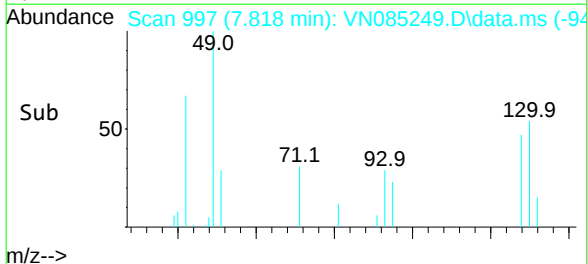
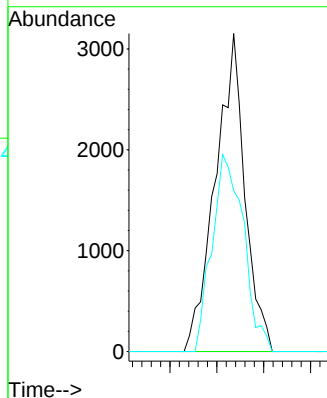
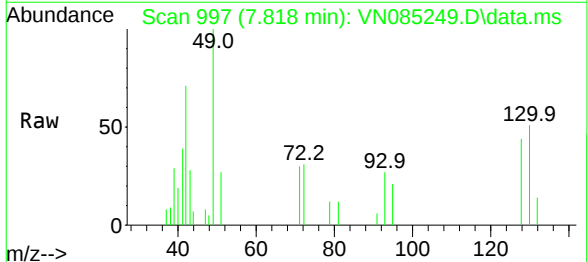
Manual Integrations  
APPROVED

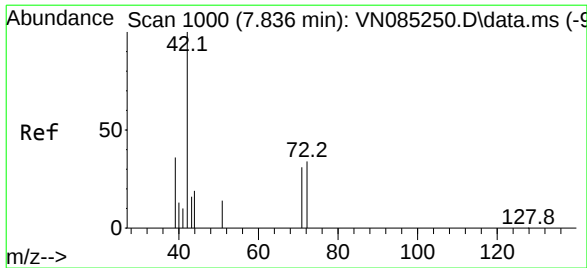
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#28  
Bromochloromethane  
Concen: 4.744 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 3.4   |
| 130     | 66.2  | 54.1  | 81.1  |





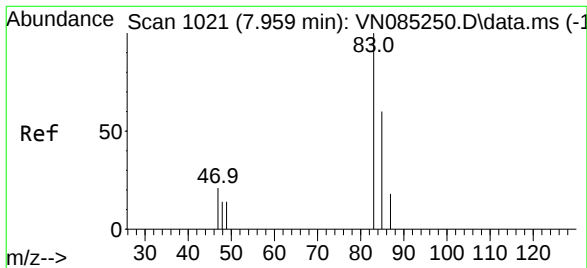
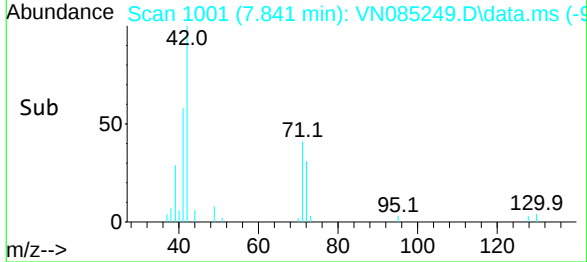
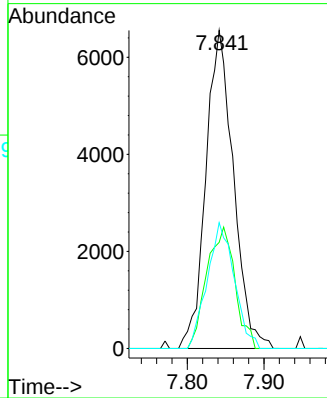
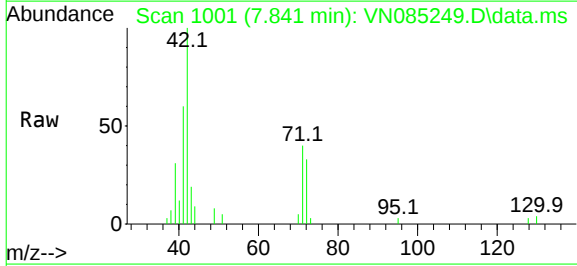
#29  
Tetrahydrofuran  
Concen: 23.277 ug/l  
RT: 7.841 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.0  | 32.7  | 49.1  |
| 71      | 38.8  | 31.4  | 47.2  |

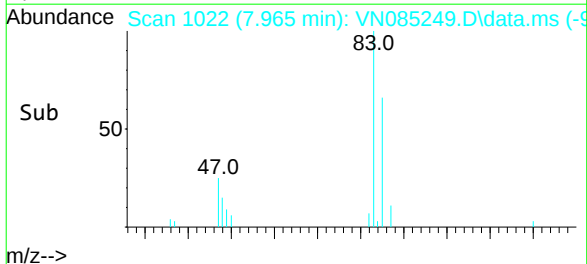
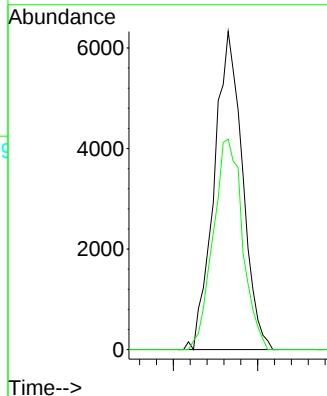
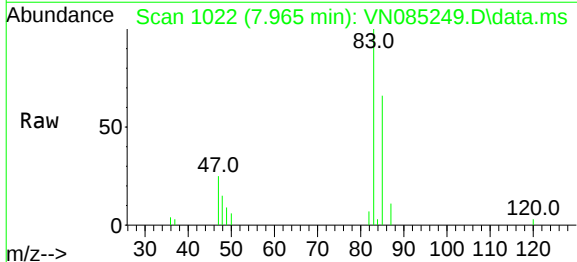
Manual Integrations  
APPROVED

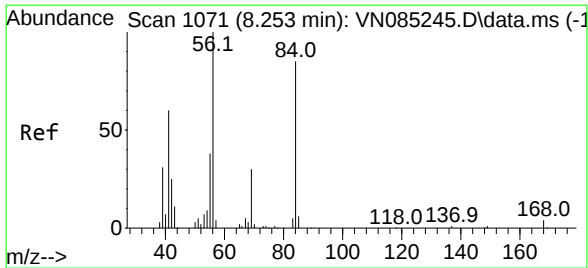
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#30  
Chloroform  
Concen: 4.791 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.2  | 51.4  | 77.0  |





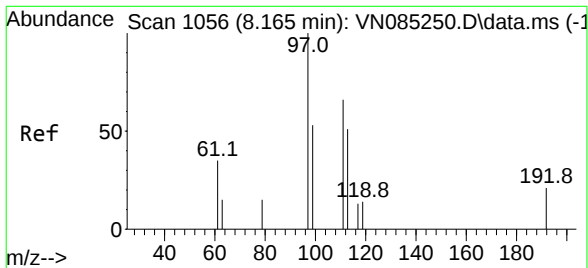
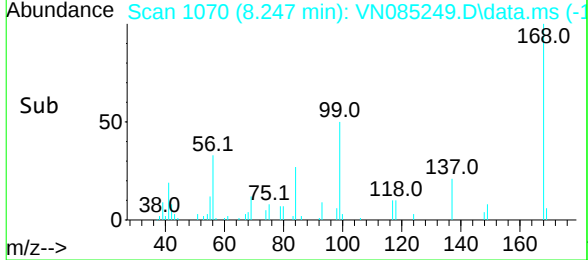
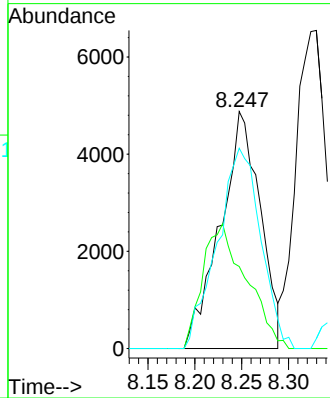
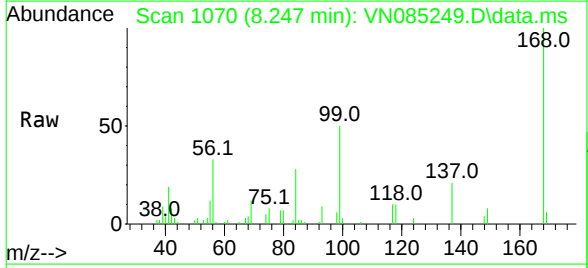
#31  
Cyclohexane  
Concen: 5.409 ug/l  
RT: 8.247 min Scan# 1070  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 14453 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 34.6  | 23.6  | 35.4  |
| 84       | 84.5  | 66.6  | 99.8  |

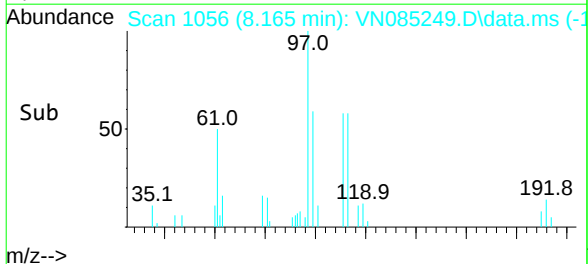
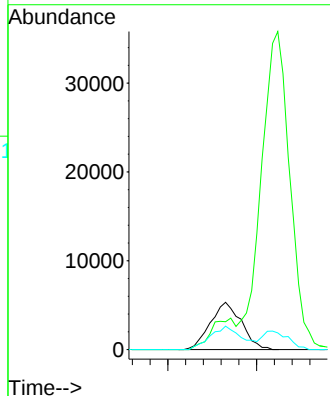
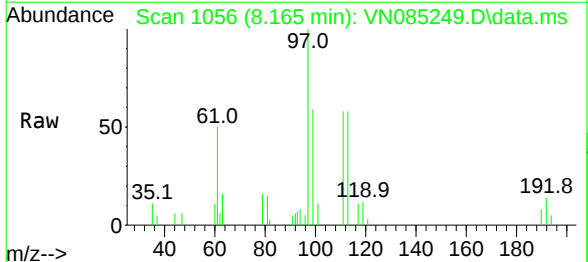
Manual Integrations  
APPROVED

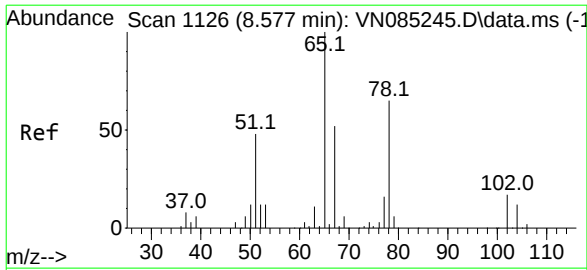
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#32  
1,1,1-Trichloroethane  
Concen: 4.709 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 12937 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 52.5  | 51.4  | 77.0  |
| 61       | 50.8  | 40.4  | 60.6  |





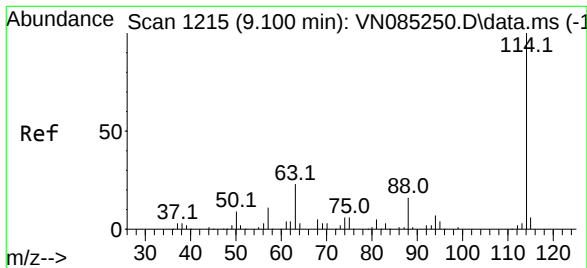
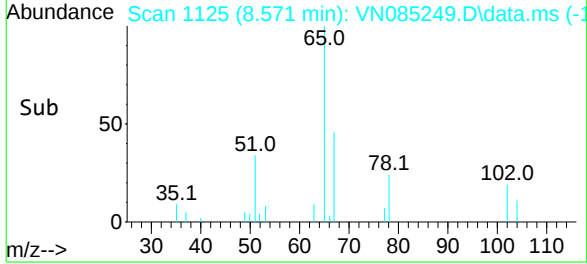
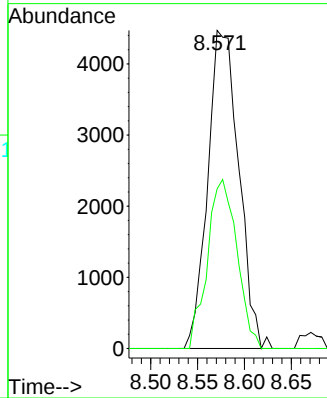
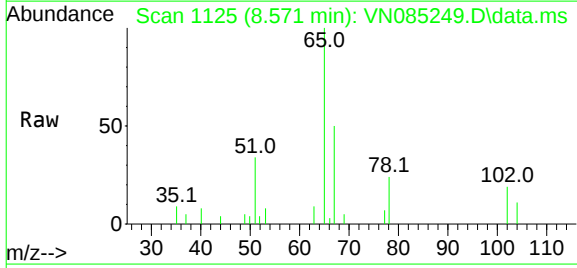
#33  
1,2-Dichloroethane-d4  
Concen: 4.987 ug/l  
RT: 8.571 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 65 Resp: 10300  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 102.2

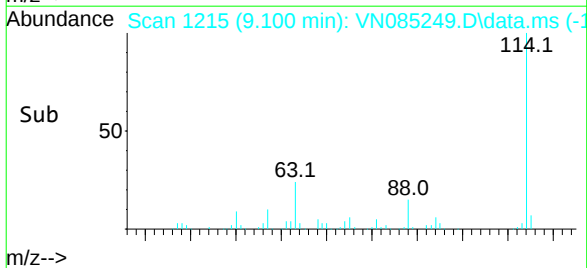
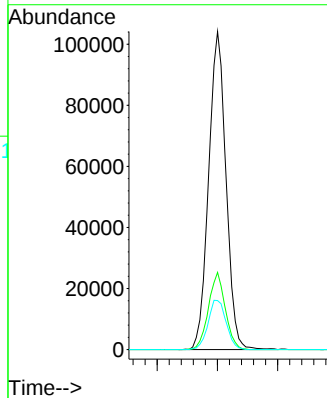
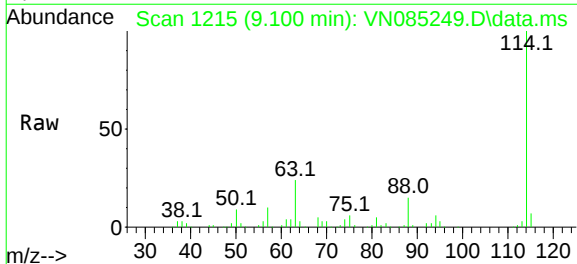
Manual Integrations  
APPROVED

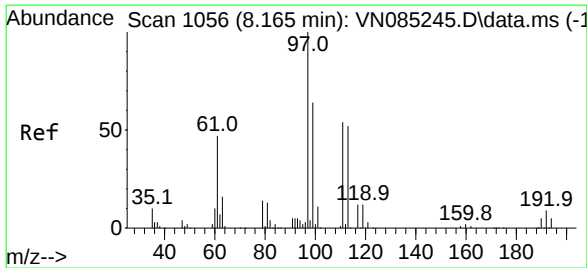
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

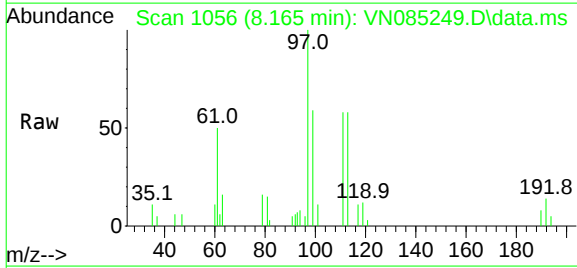
Tgt Ion:114 Resp: 208462  
Ion Ratio Lower Upper  
114 100  
63 24.3 0.0 46.2  
88 15.4 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 4.728 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

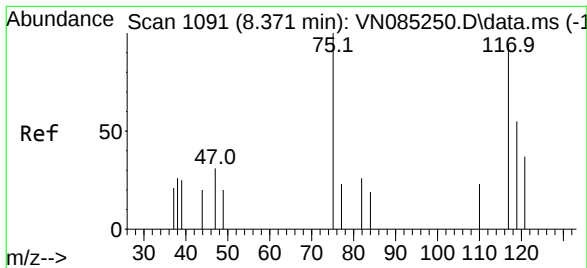
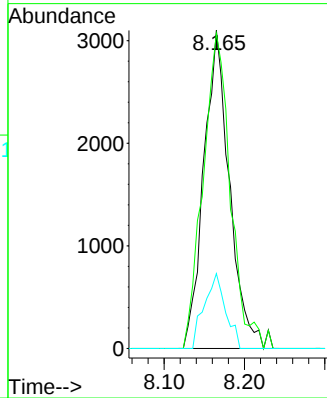
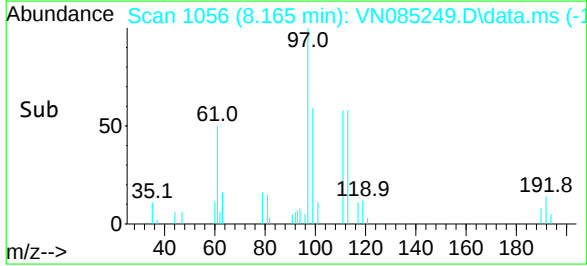
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



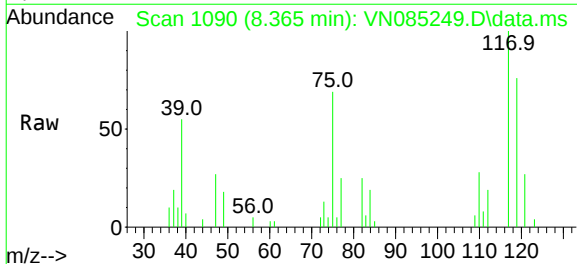
Tgt Ion: 113 Resp: 6930  
Ion Ratio Lower Upper  
113 100  
111 105.4 82.1 123.1  
192 19.4 13.4 20.0

Manual Integrations  
APPROVED

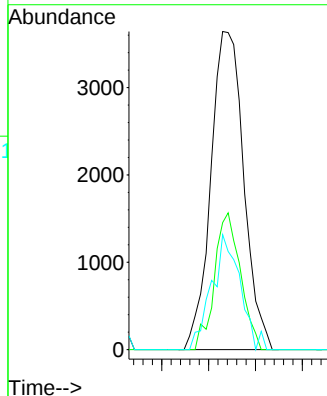
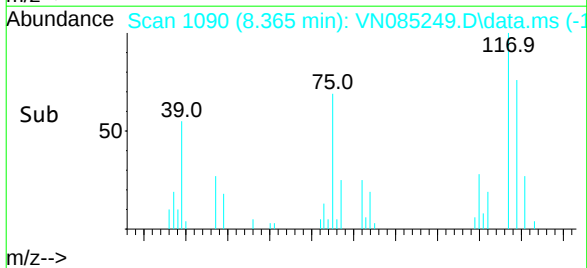
Reviewed By : John Carlone 12/20/2024  
Supervised By : Mahesh Dadoda 12/20/2024

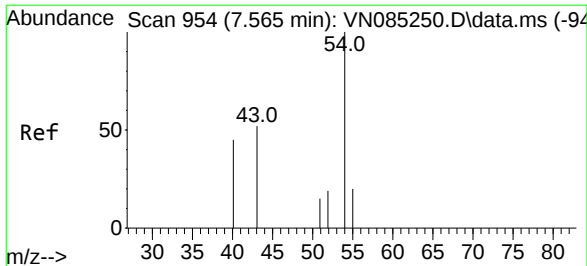


#36  
1,1-Dichloropropene  
Concen: 4.360 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



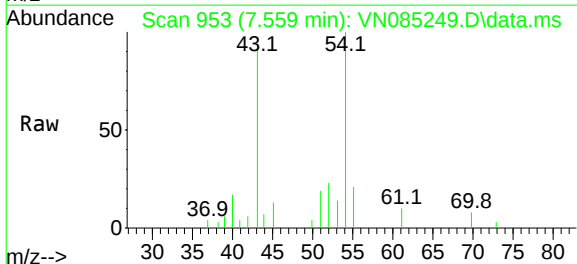
Tgt Ion: 75 Resp: 8898  
Ion Ratio Lower Upper  
75 100  
110 33.9 16.0 48.0  
77 31.2 24.6 36.8





#37  
Ethyl Acetate  
Concen: 5.252 ug/l  
RT: 7.559 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

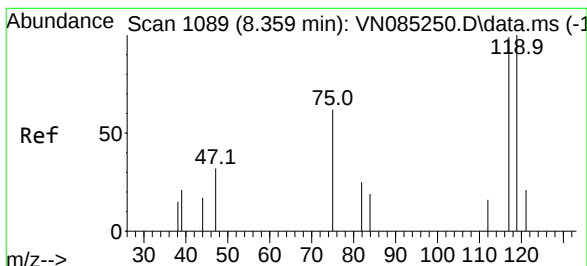
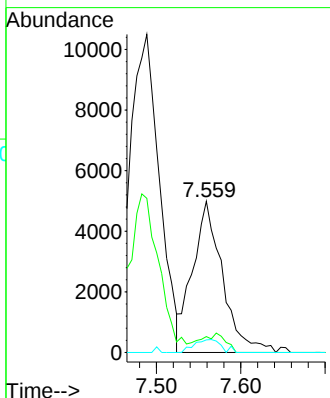
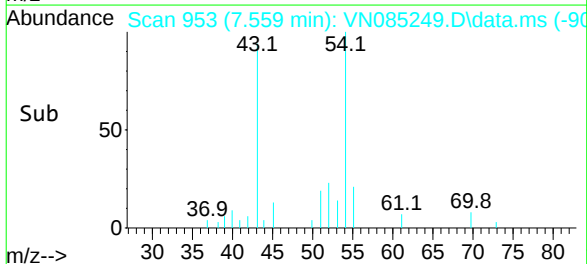
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 12366  
Ion Ratio Lower Upper  
43 100  
61 10.2 9.8 14.6  
70 7.7 7.8 11.8#

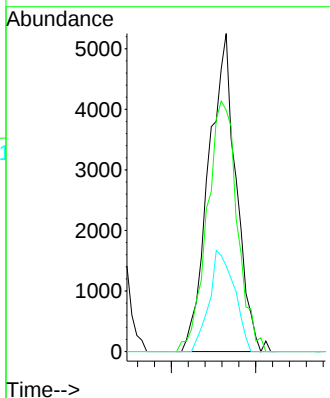
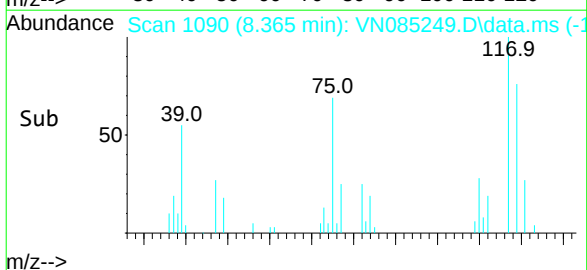
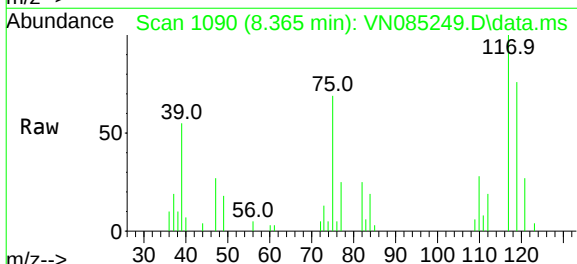
Manual Integrations  
APPROVED

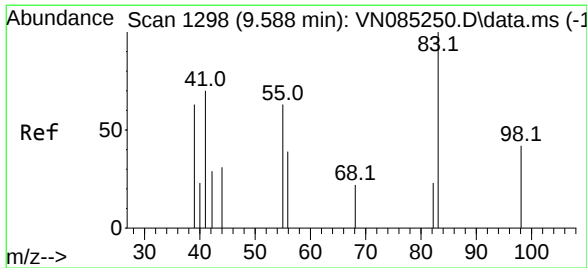
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#38  
Carbon Tetrachloride  
Concen: 4.825 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion:117 Resp: 11905  
Ion Ratio Lower Upper  
117 100  
119 75.9 74.8 112.2  
121 27.0 24.2 36.4





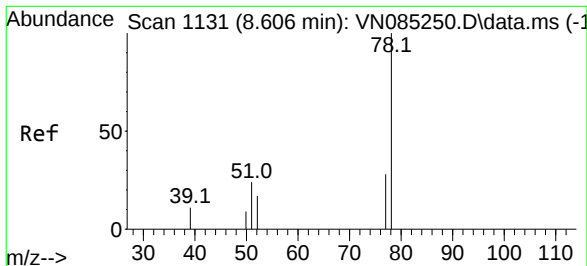
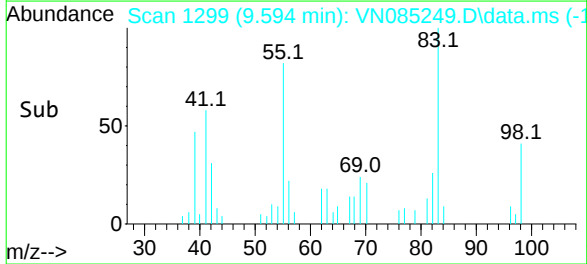
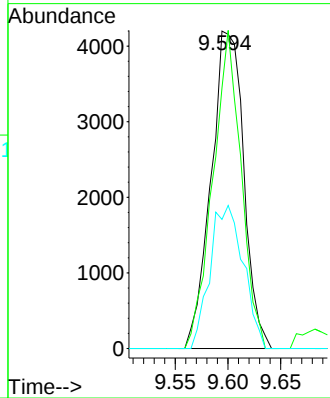
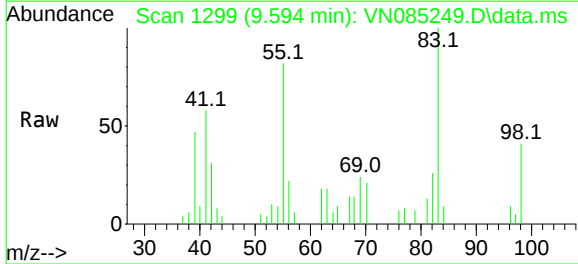
#39  
Methylcyclohexane  
Concen: 4.258 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 82.1  | 66.8  | 100.2 |
| 98      | 40.7  | 39.4  | 59.2  |

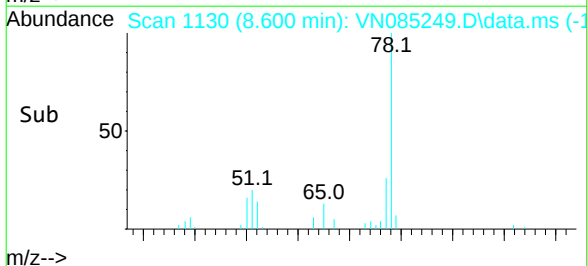
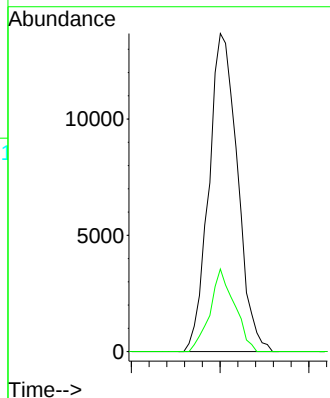
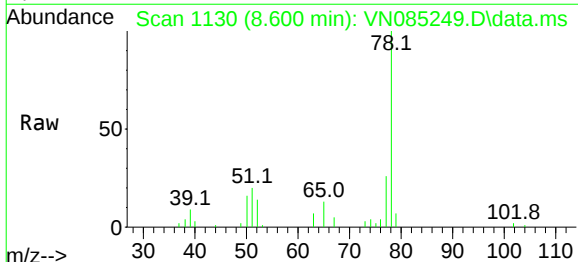
Manual Integrations  
APPROVED

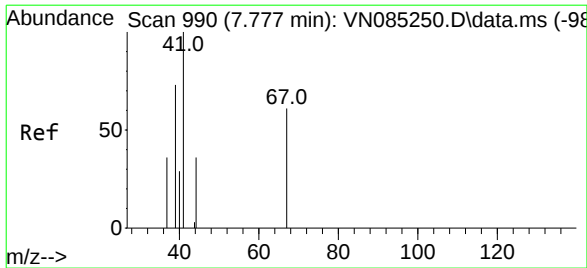
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#40  
Benzene  
Concen: 4.833 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 26.0  | 18.9  | 28.3  |





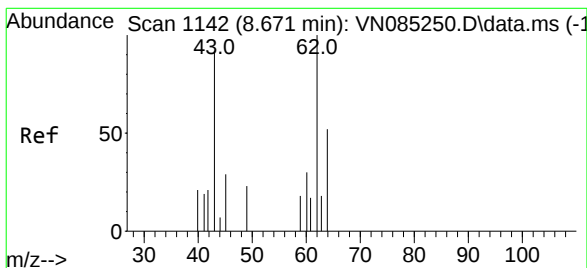
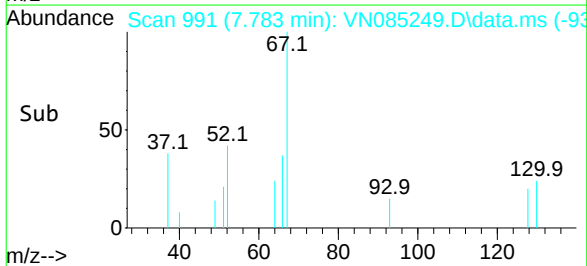
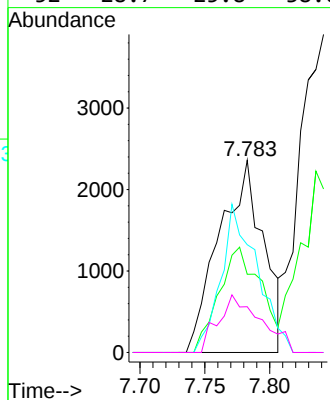
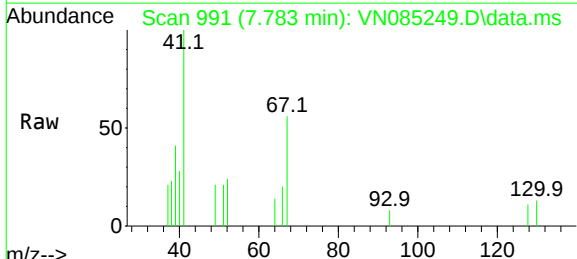
#41  
Methacrylonitrile  
Concen: 4.676 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 5611  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 52.0     | 44.0 66.0   |
| 67 63.0     | 56.0 84.0   |
| 52 28.7     | 25.8 38.6   |

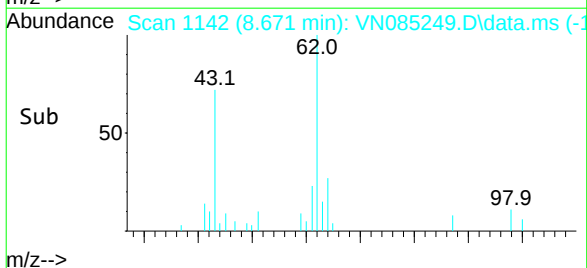
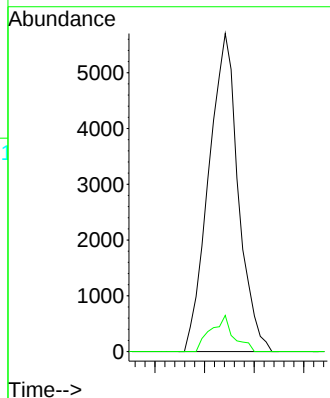
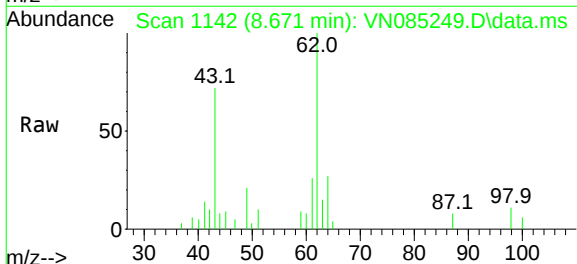
Manual Integrations  
APPROVED

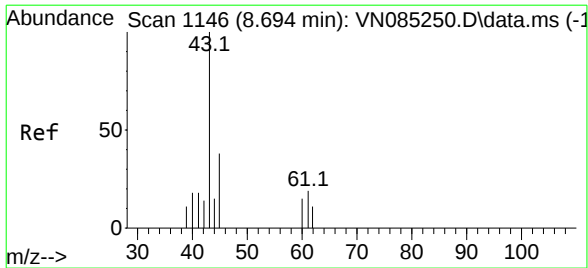
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#42  
1,2-Dichloroethane  
Concen: 4.891 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 11828 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.7      | 0.0 16.4    |





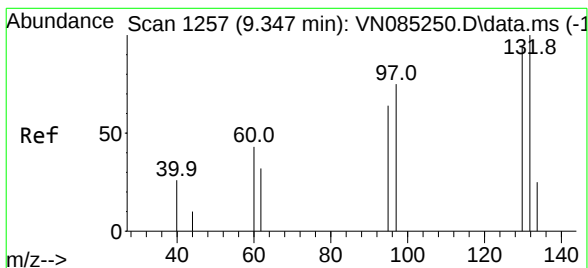
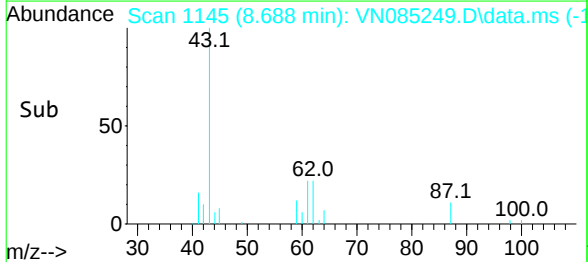
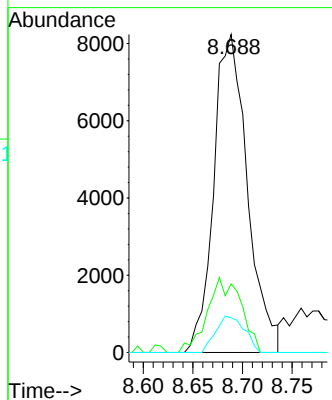
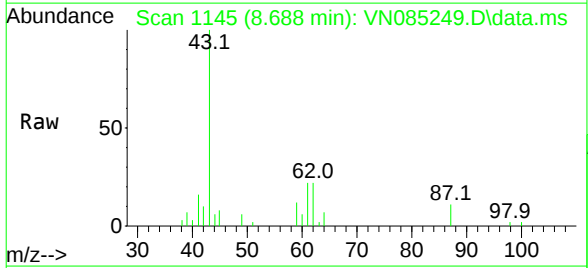
#43  
Isopropyl Acetate  
Concen: 4.522 ug/l  
RT: 8.688 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19471 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 23.7  | 19.0  | 28.4  |
| 87       | 9.7   | 9.3   | 13.9  |

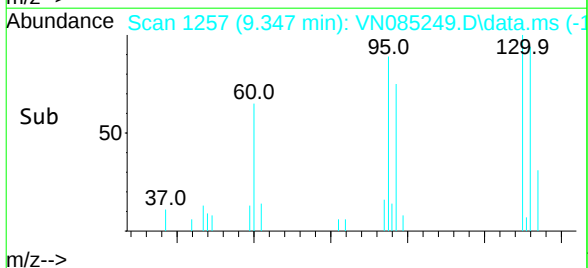
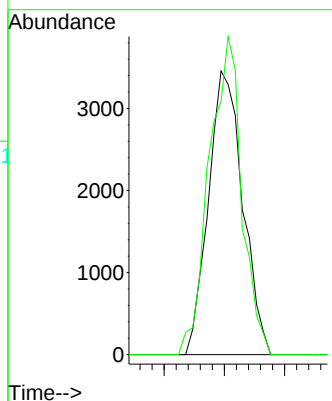
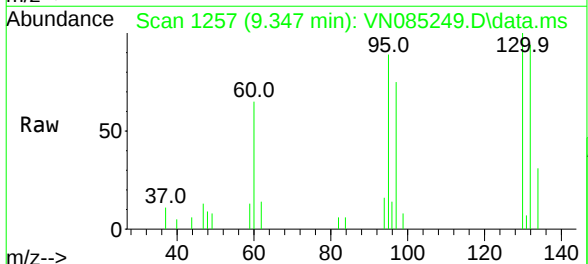
Manual Integrations  
APPROVED

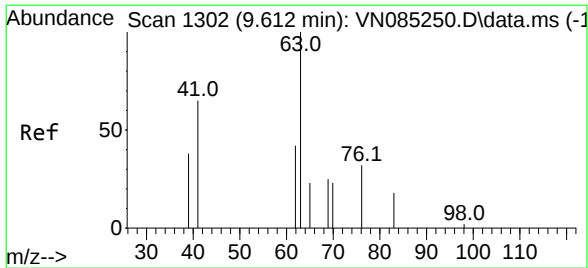
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#44  
Trichloroethene  
Concen: 4.828 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 6824  |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 89.4  | 0.0   | 207.6 |





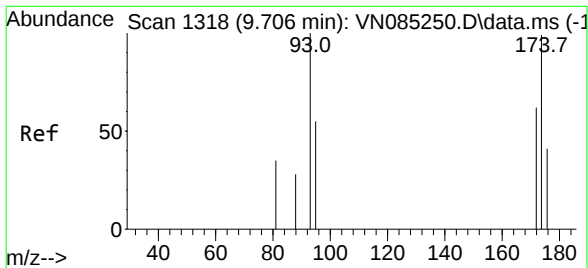
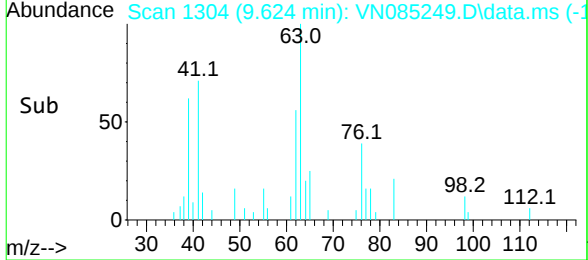
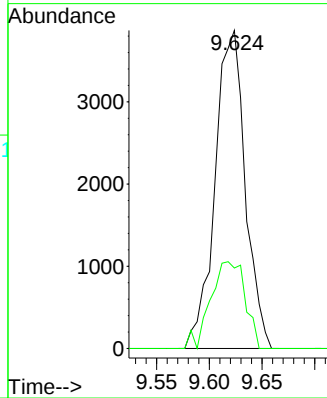
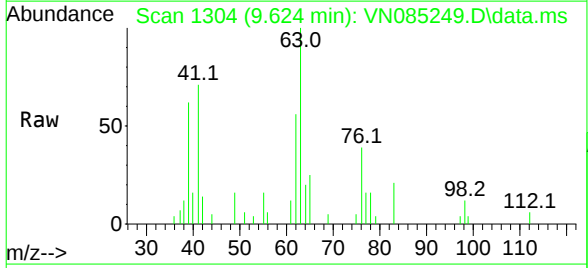
#45  
1,2-Dichloropropane  
Concen: 4.909 ug/l  
RT: 9.624 min Scan# 1302  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 63 Resp: 7717  
Ion Ratio Lower Upper  
63 100  
65 25.3 24.0 36.0

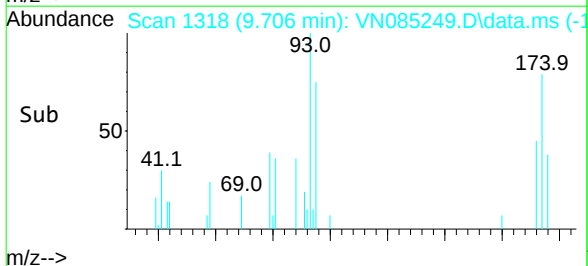
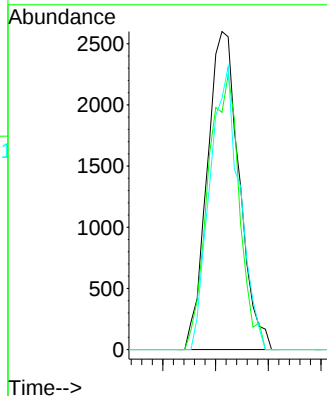
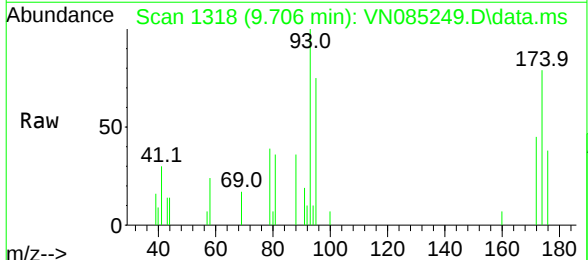
Manual Integrations  
APPROVED

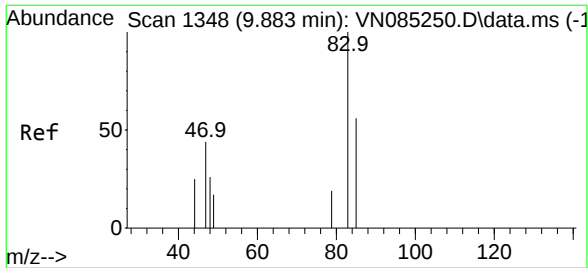
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#46  
Dibromomethane  
Concen: 4.897 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 93 Resp: 5495  
Ion Ratio Lower Upper  
93 100  
95 84.1 67.0 100.6  
174 82.5 69.3 103.9





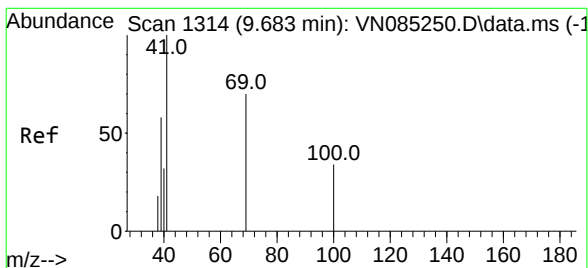
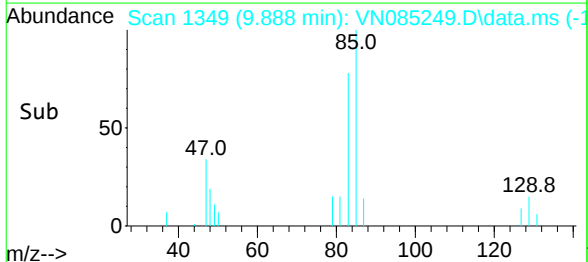
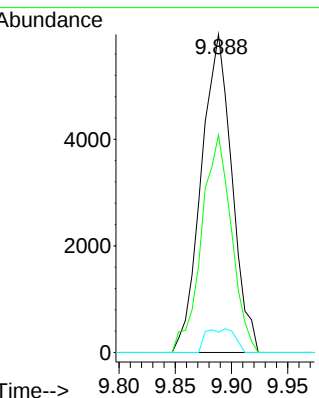
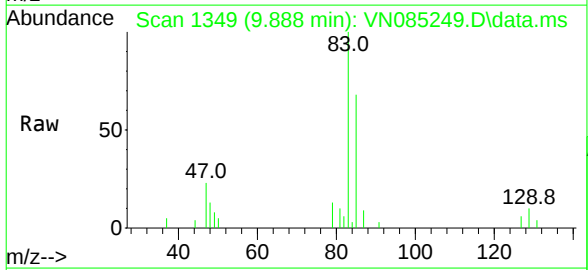
#47  
Bromodichloromethane  
Concen: 4.708 ug/l  
RT: 9.888 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 11320 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.3  | 51.0  | 76.4  |
| 127      | 6.4   | 6.3   | 9.5   |

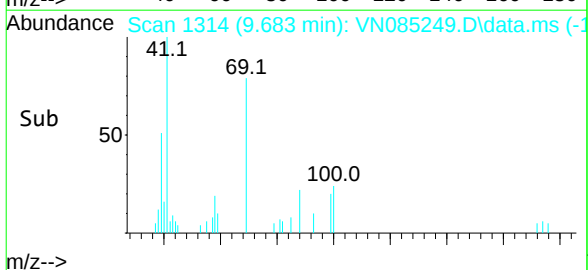
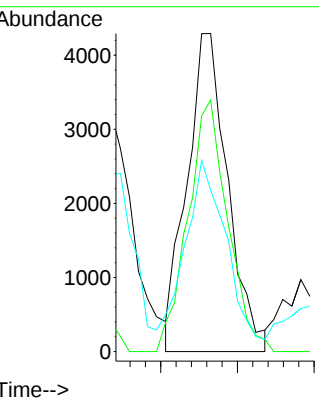
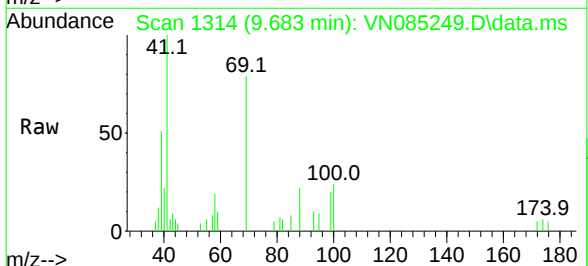
Manual Integrations  
APPROVED

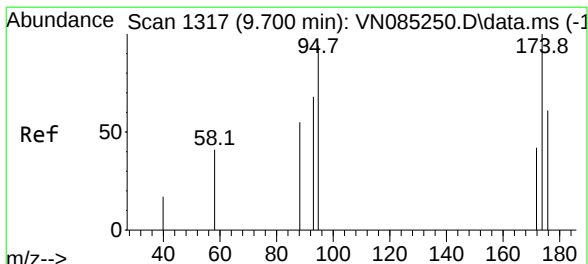
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#48  
Methyl methacrylate  
Concen: 4.488 ug/l  
RT: 9.683 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7921  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 77.2  | 61.0  | 91.4  |
| 39       | 62.5  | 49.8  | 74.8  |





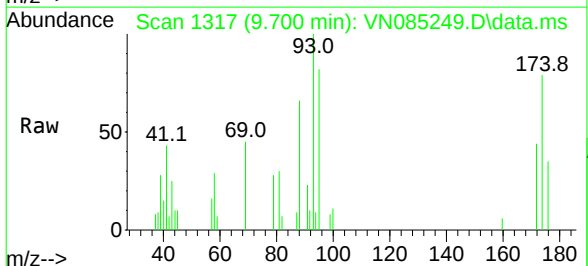
#49  
1,4-Dioxane  
Concen: 95.985 ug/l  
RT: 9.700 min Scan# 1317  
Delta R.T. 0.012 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC005

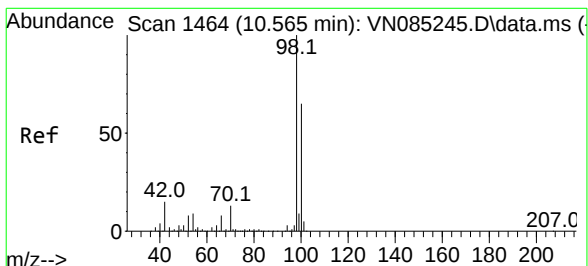
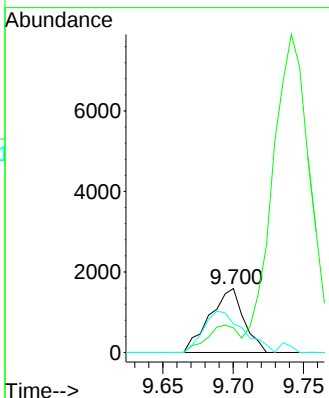
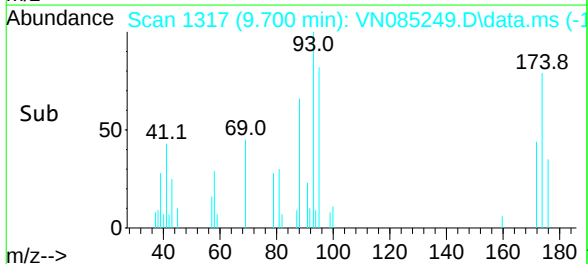


Tgt Ion: 88 Resp: 2671

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 40.4  | 25.6  | 38.4  |
| 58  | 75.0  | 56.5  | 84.7  |

Manual Integrations  
APPROVED

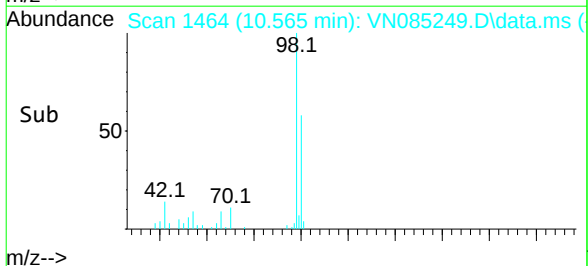
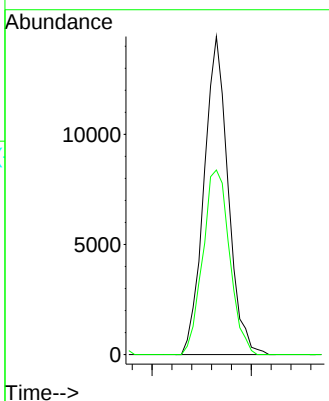
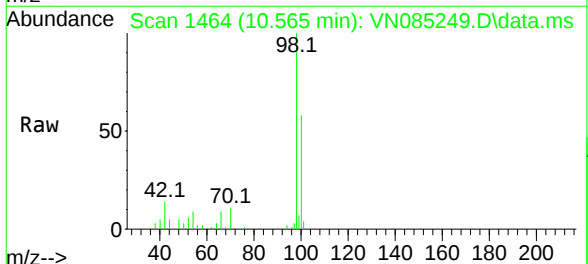
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024

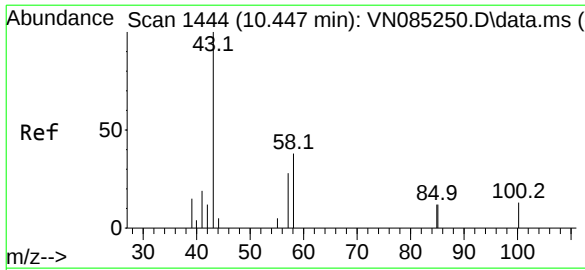


#50  
Toluene-d8  
Concen: 4.548 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 98 Resp: 24363

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.4  | 51.6  | 77.4  |





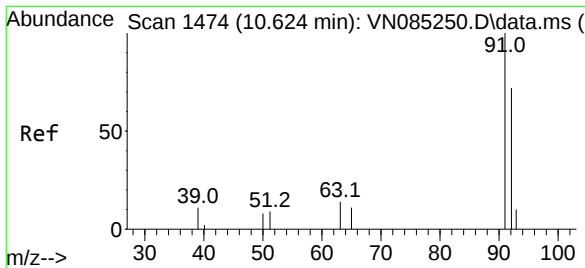
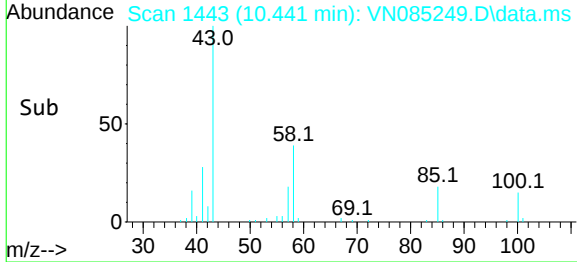
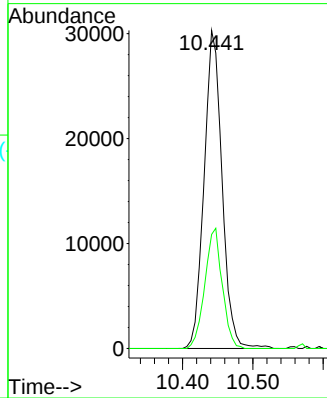
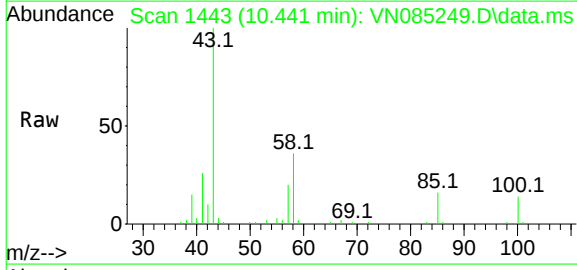
#51  
4-Methyl-2-Pentanone  
Concen: 23.729 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 43 Resp: 53682  
Ion Ratio Lower Upper  
43 100  
58 36.7 29.4 44.2

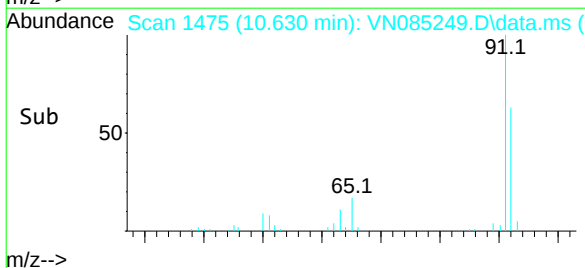
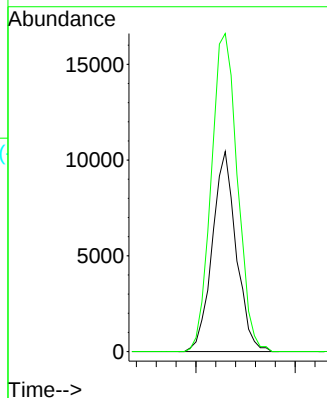
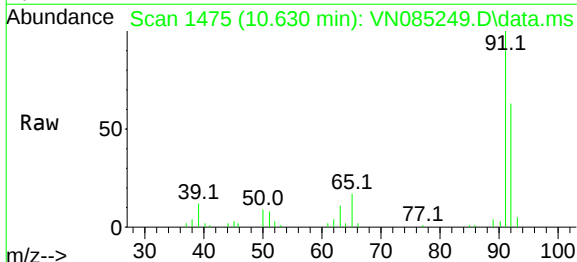
Manual Integrations  
APPROVED

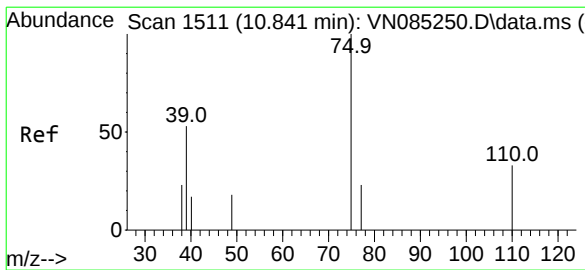
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#52  
Toluene  
Concen: 4.595 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

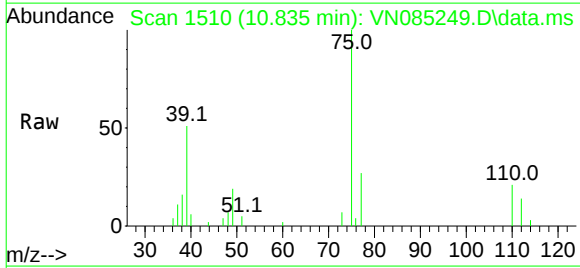
Tgt Ion: 92 Resp: 17541  
Ion Ratio Lower Upper  
92 100  
91 173.8 138.9 208.3





#53  
t-1,3-Dichloropropene  
Concen: 4.734 ug/l  
RT: 10.835 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

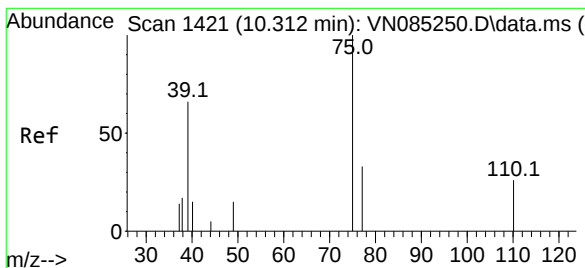
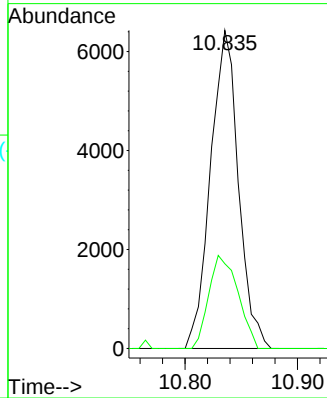
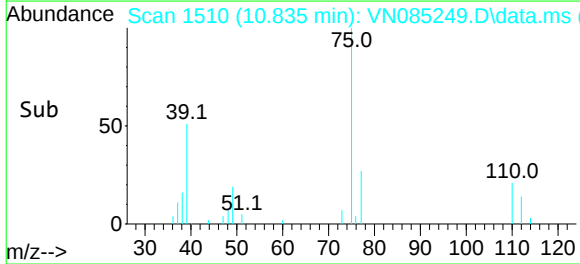
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 75 Resp: 11095  
Ion Ratio Lower Upper  
75 100  
77 26.6 25.4 38.0

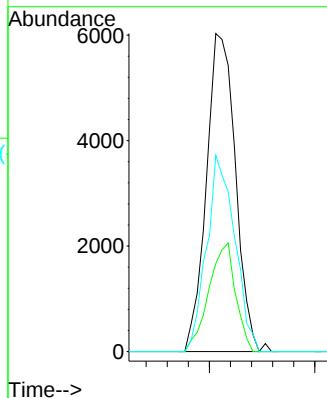
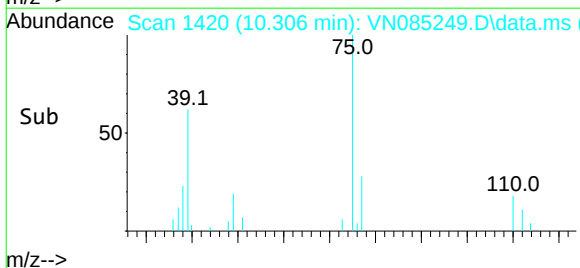
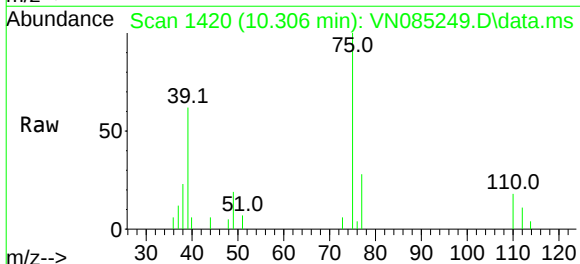
Manual Integrations  
APPROVED

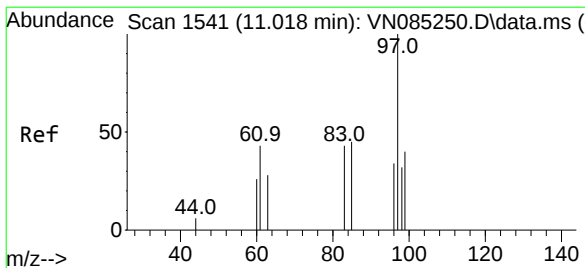
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#54  
cis-1,3-Dichloropropene  
Concen: 4.639 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

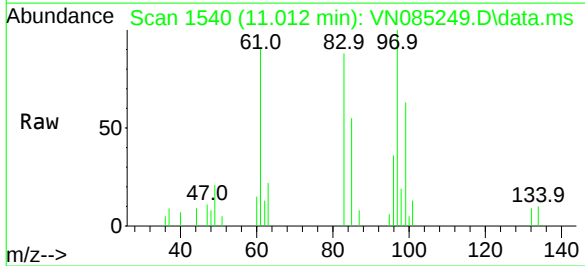
Tgt Ion: 75 Resp: 11559  
Ion Ratio Lower Upper  
75 100  
77 27.7 26.6 39.8  
39 61.7 45.3 67.9





#55  
1,1,2-Trichloroethane  
Concen: 4.786 ug/l  
RT: 11.012 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

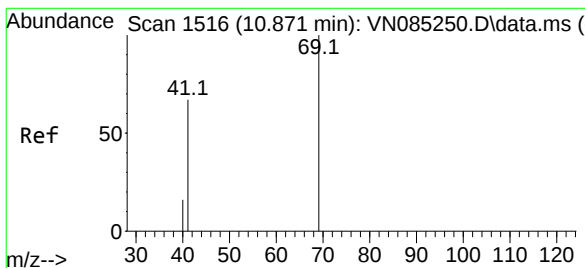
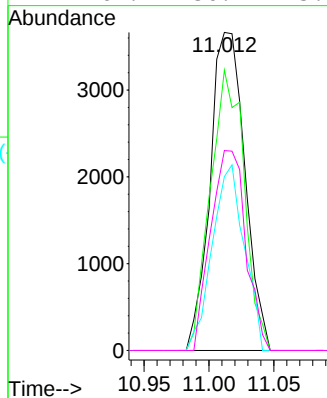
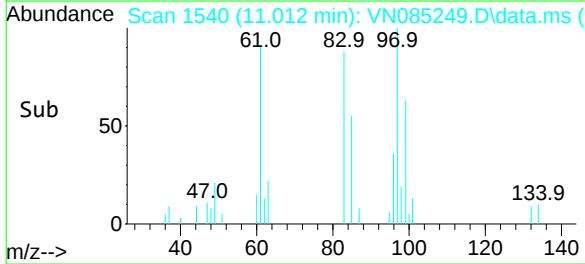
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.2  | 69.6  | 104.4 |
| 85      | 54.7  | 45.7  | 68.5  |
| 99      | 62.9  | 50.4  | 75.6  |

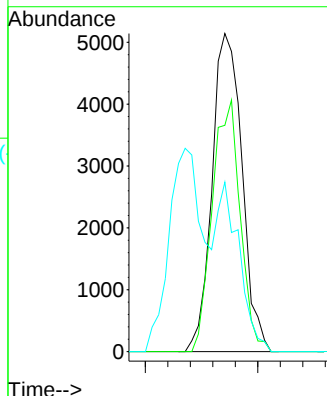
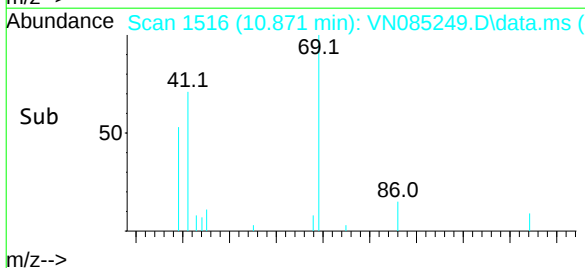
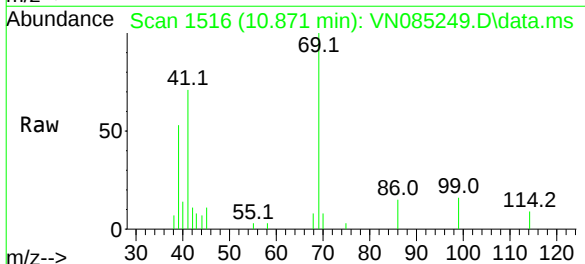
Manual Integrations  
APPROVED

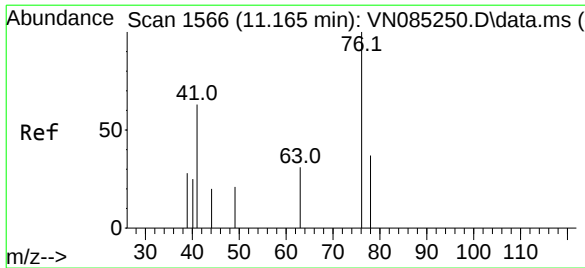
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#56  
Ethyl methacrylate  
Concen: 5.579 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 73.8  | 57.5  | 86.3  |
| 39      | 39.9  | 33.4  | 50.2  |





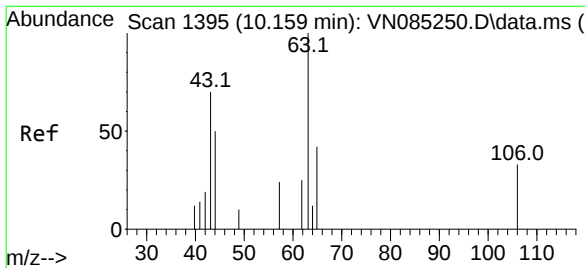
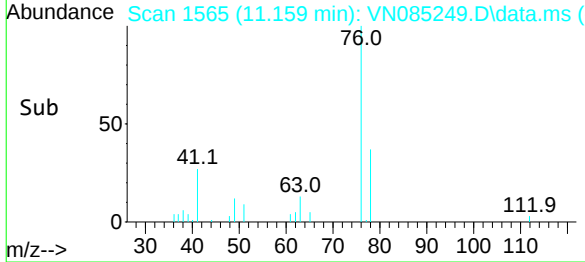
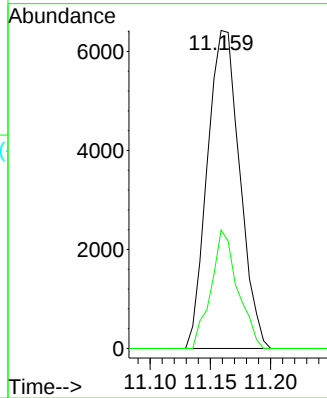
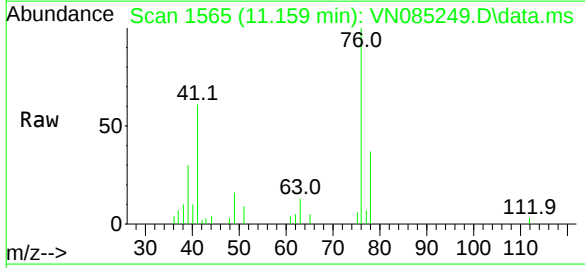
#57  
1,3-Dichloropropane  
Concen: 4.771 ug/l  
RT: 11.159 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 76 Resp: 12003  
Ion Ratio Lower Upper  
76 100  
78 30.7 25.4 38.2

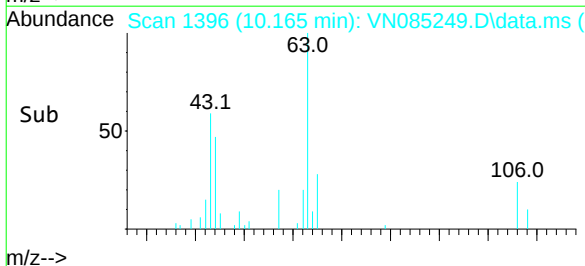
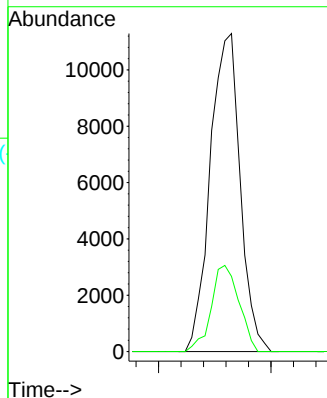
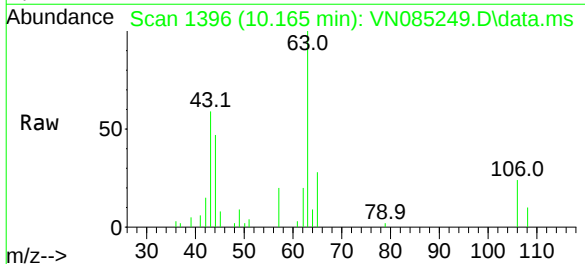
Manual Integrations  
APPROVED

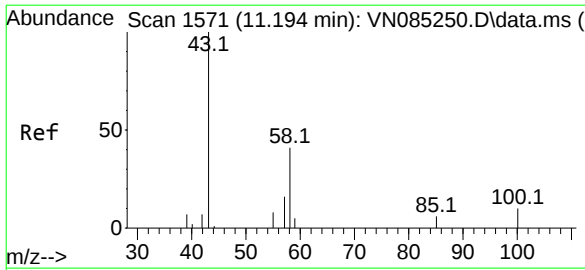
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 30.655 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 63 Resp: 20838  
Ion Ratio Lower Upper  
63 100  
106 25.2 21.2 31.8





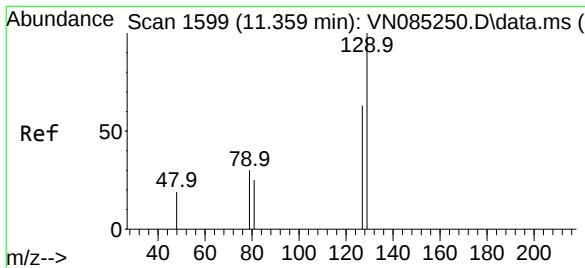
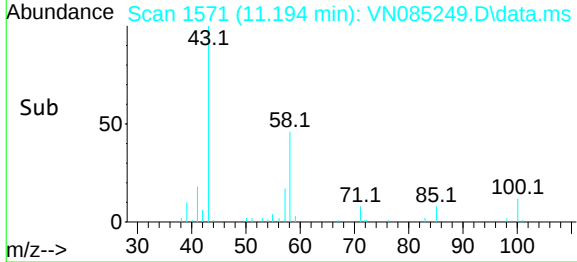
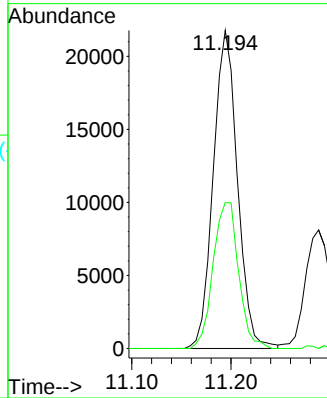
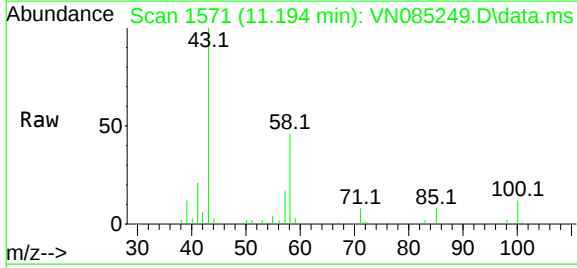
#59  
2-Hexanone  
Concen: 22.845 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 43 Resp: 36841  
Ion Ratio Lower Upper  
43 100  
58 48.4 25.8 77.4

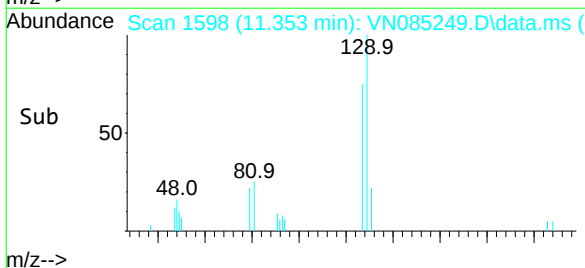
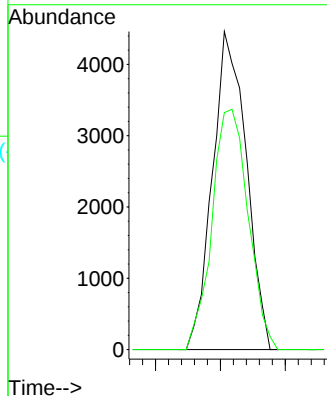
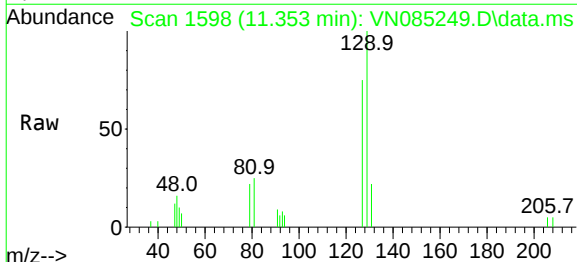
Manual Integrations  
APPROVED

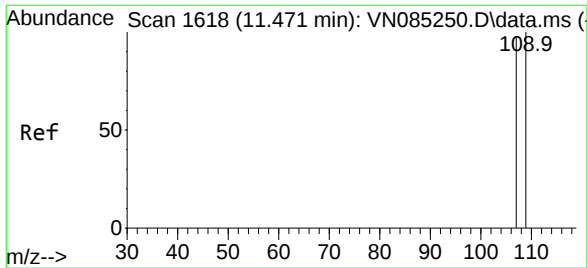
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#60  
Dibromochloromethane  
Concen: 4.758 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

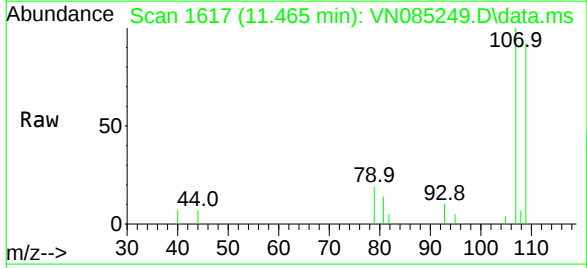
Tgt Ion:129 Resp: 8061  
Ion Ratio Lower Upper  
129 100  
127 80.9 39.6 118.8





#61  
1,2-Dibromoethane  
Concen: 4.785 ug/l  
RT: 11.465 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

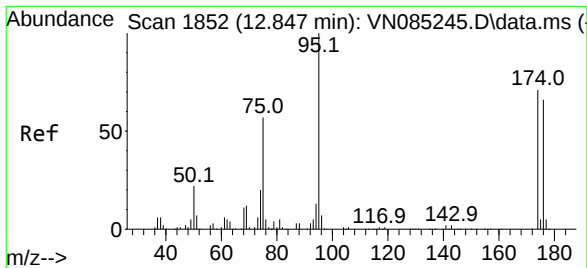
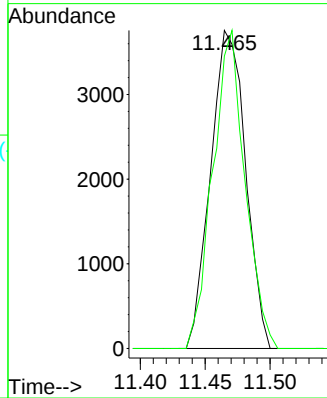
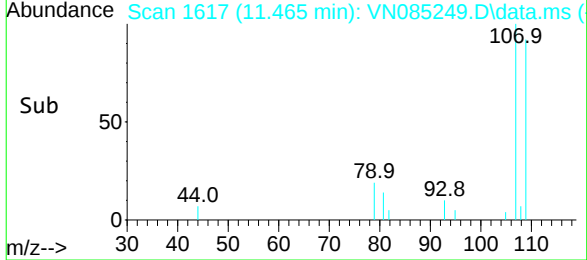
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



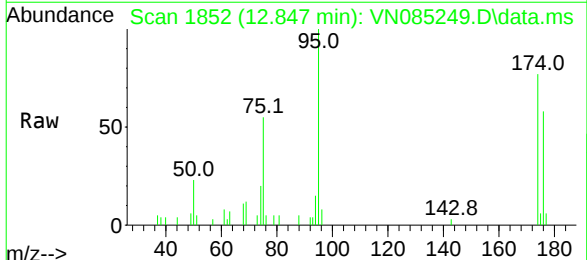
Tgt Ion: 107 Resp: 7045  
Ion Ratio Lower Upper  
107 100  
109 92.4 74.2 111.4

Manual Integrations  
APPROVED

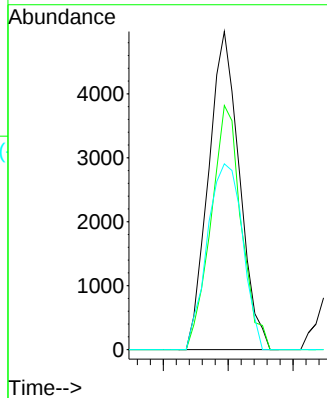
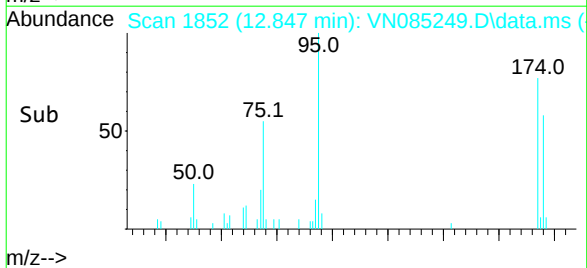
Reviewed By : John Carlone 12/20/2024  
Supervised By : Mahesh Dadoda 12/20/2024

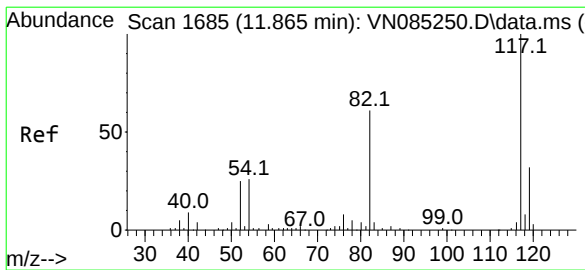


#62  
4-Bromofluorobenzene  
Concen: 4.310 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



Tgt Ion: 95 Resp: 8246  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 144.4  
176 66.9 0.0 136.6





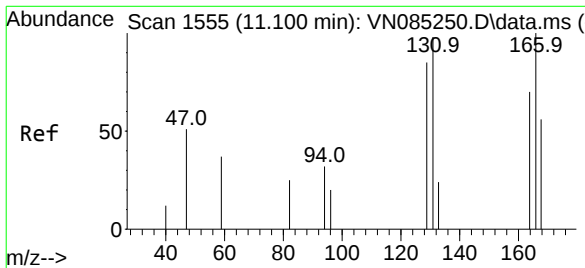
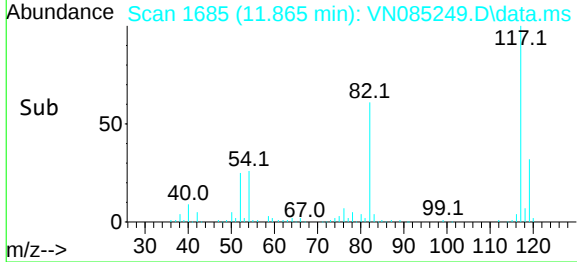
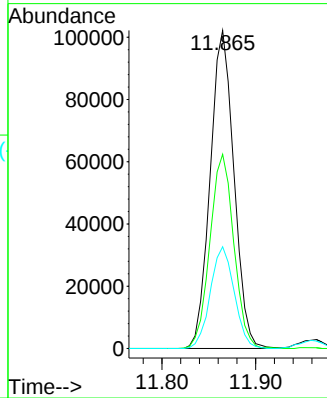
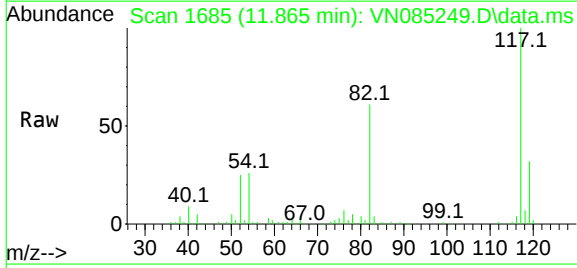
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:117 Resp: 179857  
Ion Ratio Lower Upper  
117 100  
82 61.1 47.4 71.2  
119 32.0 25.6 38.4

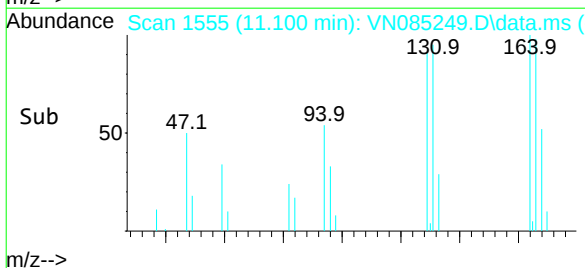
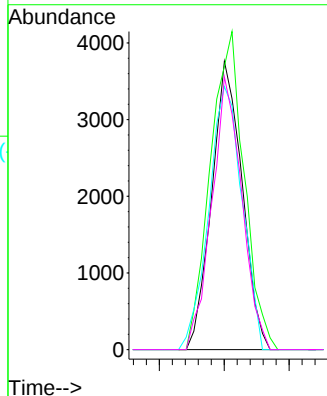
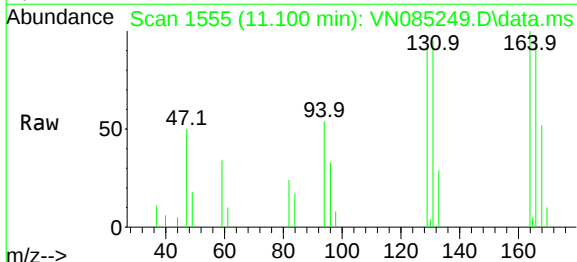
Manual Integrations  
APPROVED

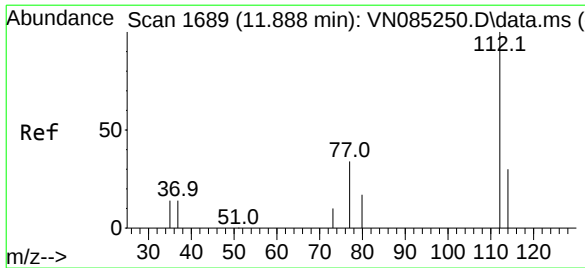
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#64  
Tetrachloroethene  
Concen: 5.065 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

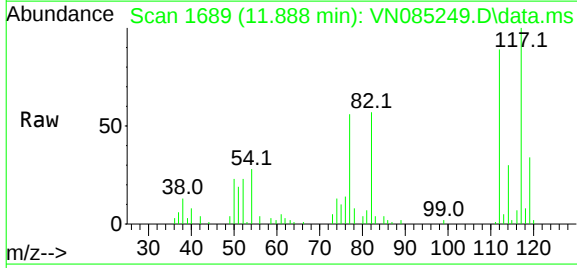
Tgt Ion:164 Resp: 6130  
Ion Ratio Lower Upper  
164 100  
166 98.2 101.5 152.3#  
129 91.2 79.4 119.2  
131 94.6 73.9 110.9





#65  
Chlorobenzene  
Concen: 4.886 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

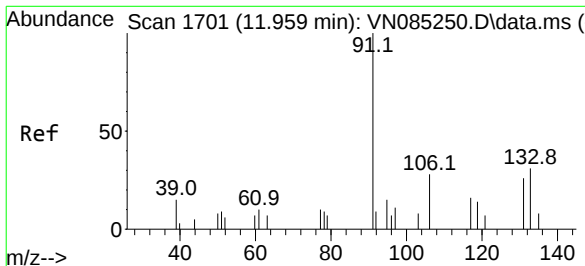
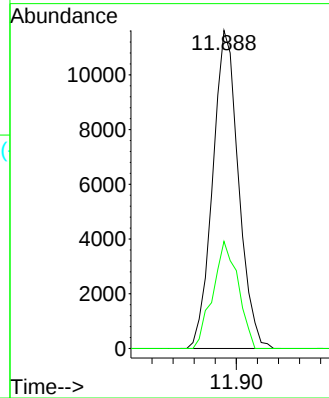
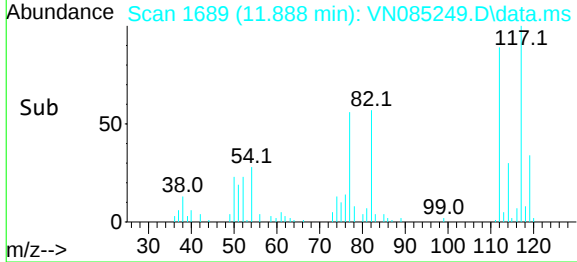
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



Tgt Ion:112 Resp: 19753  
Ion Ratio Lower Upper  
112 100  
114 33.7 26.2 39.4

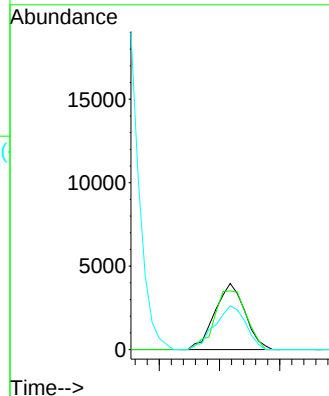
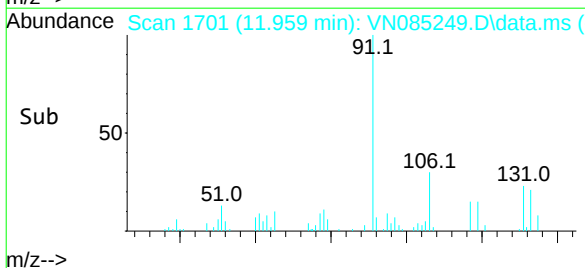
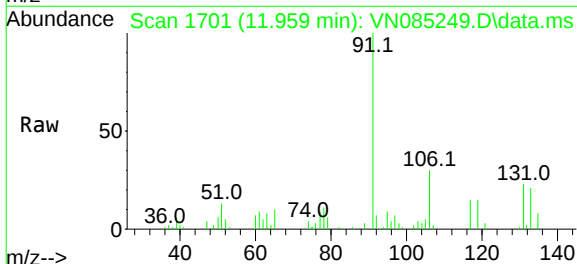
Manual Integrations  
APPROVED

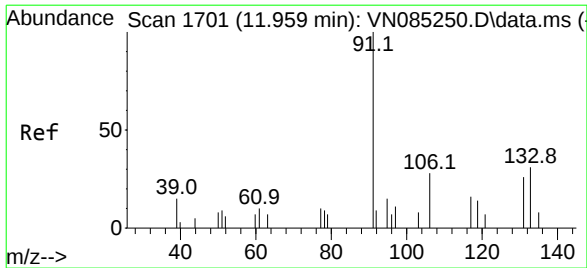
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.896 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

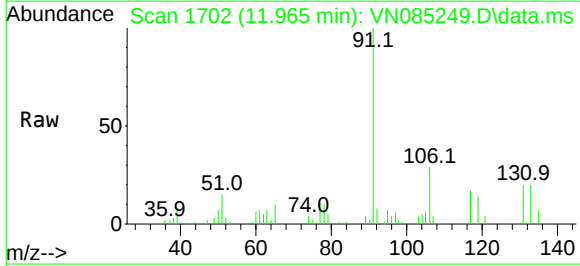
Tgt Ion:131 Resp: 6906  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.6 145.8  
119 68.2 32.5 97.5





#67  
Ethyl Benzene  
Concen: 4.466 ug/l  
RT: 11.965 min Scan# 1719  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

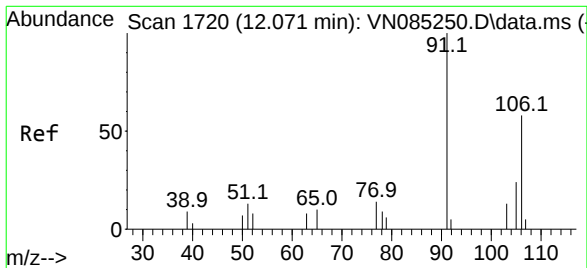
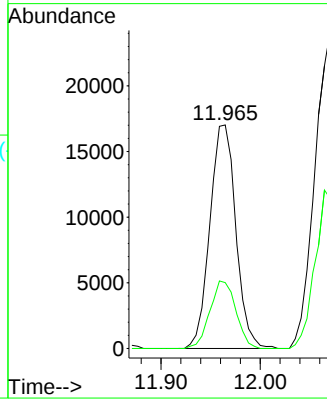
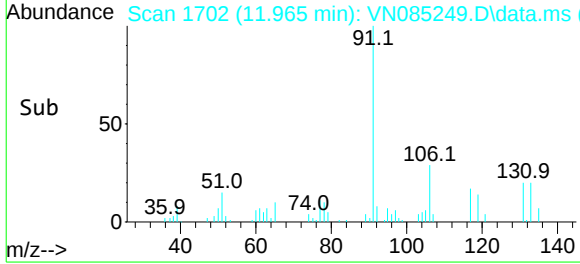
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



Tgt Ion: 91 Resp: 30951  
Ion Ratio Lower Upper  
91 100  
106 29.5 23.5 35.3

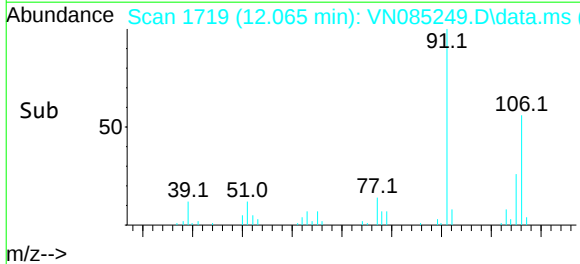
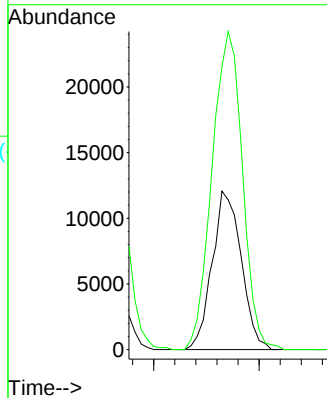
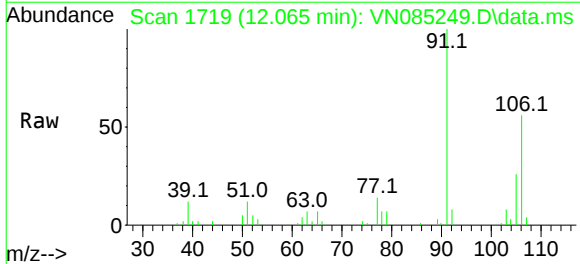
Manual Integrations  
APPROVED

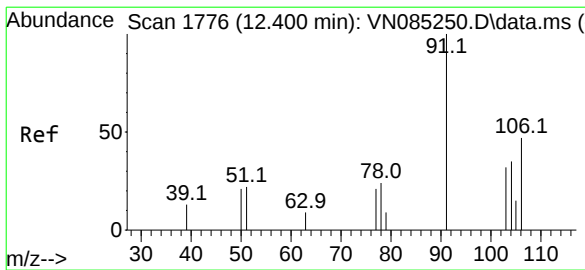
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#68  
m/p-Xylenes  
Concen: 8.914 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion:106 Resp: 23102  
Ion Ratio Lower Upper  
106 100  
91 210.0 168.3 252.5





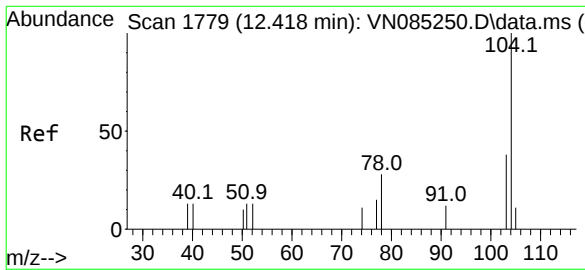
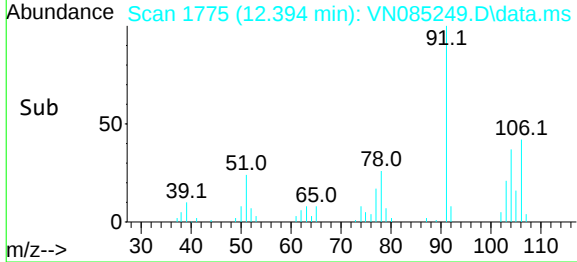
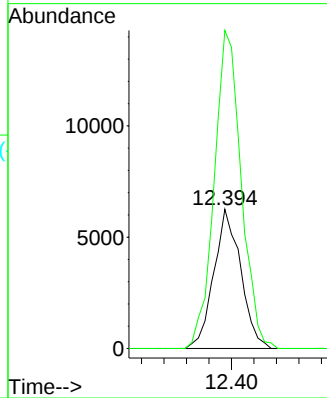
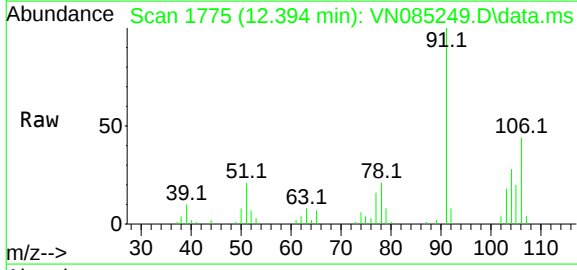
#69  
o-Xylene  
Concen: 4.265 ug/l  
RT: 12.394 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion:106 Resp: 10391  
Ion Ratio Lower Upper  
106 100  
91 229.3 112.1 336.2

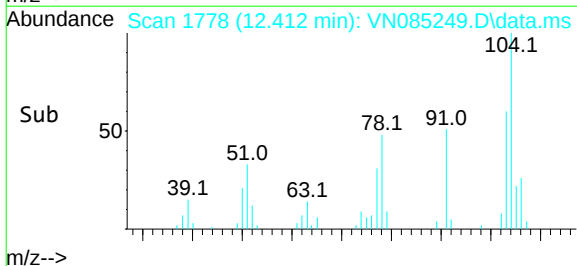
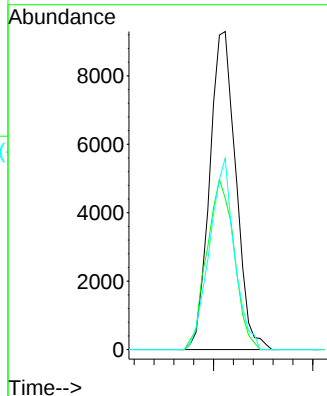
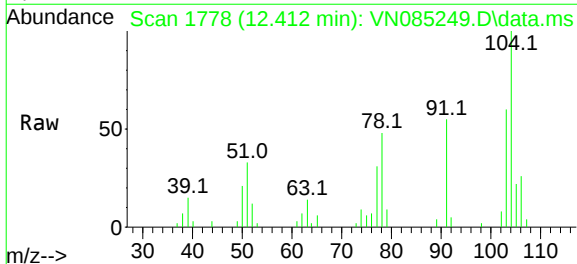
Manual Integrations  
APPROVED

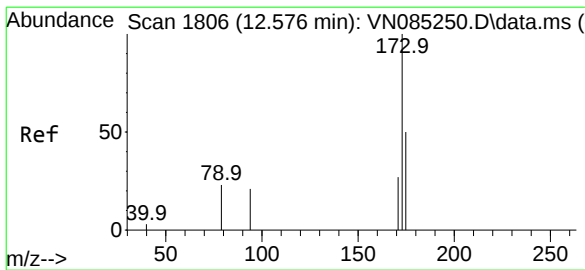
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#70  
Styrene  
Concen: 4.186 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion:104 Resp: 17024  
Ion Ratio Lower Upper  
104 100  
78 56.1 43.2 64.8  
103 57.1 44.6 66.8





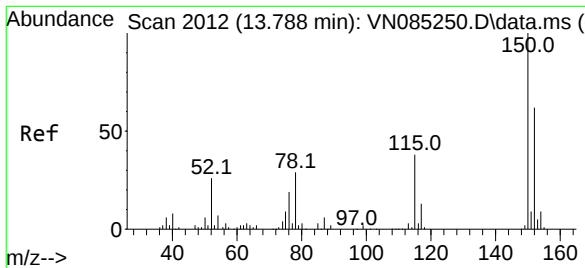
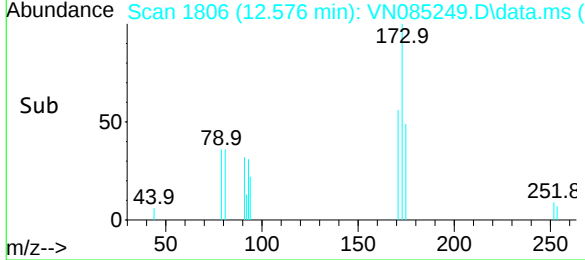
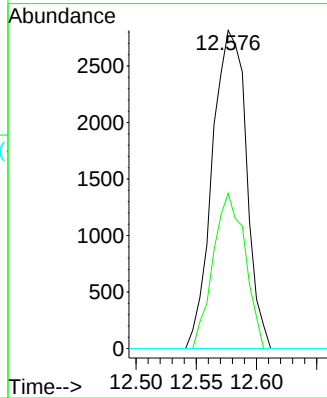
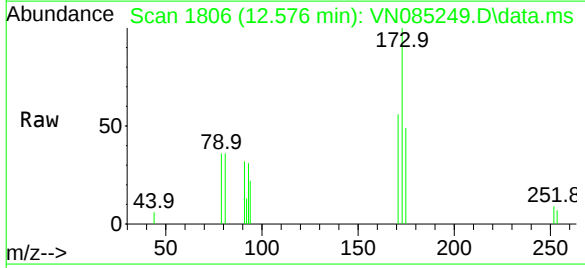
#71  
Bromoform  
Concen: 5.005 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:173 | Resp: | 5534  |
| Ion | Ratio   | Lower | Upper |
| 173 | 100     |       |       |
| 175 | 45.6    | 24.5  | 73.5  |
| 254 | 0.0     | 0.0   | 0.0   |

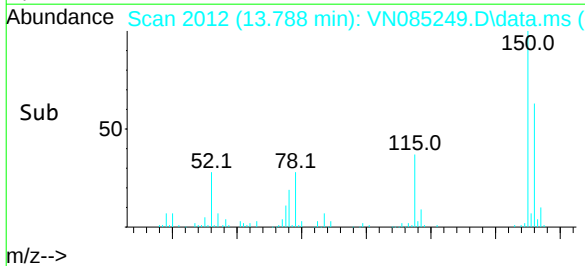
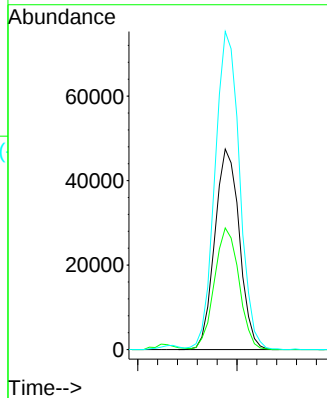
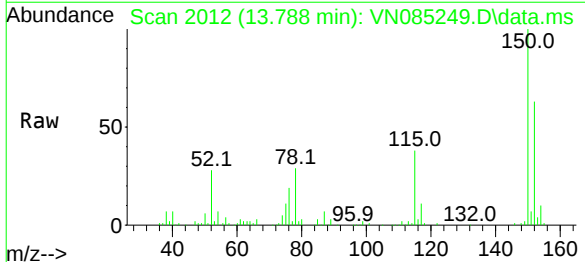
Manual Integrations  
APPROVED

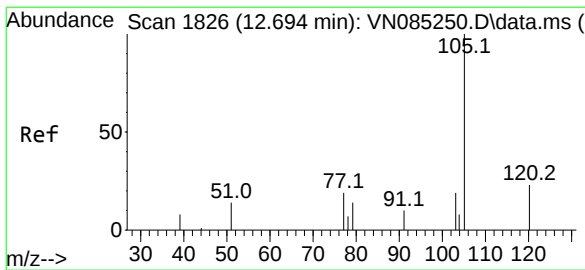
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:152 | Resp: | 81812 |
| Ion | Ratio   | Lower | Upper |
| 152 | 100     |       |       |
| 115 | 60.6    | 32.1  | 96.3  |
| 150 | 158.8   | 0.0   | 354.6 |





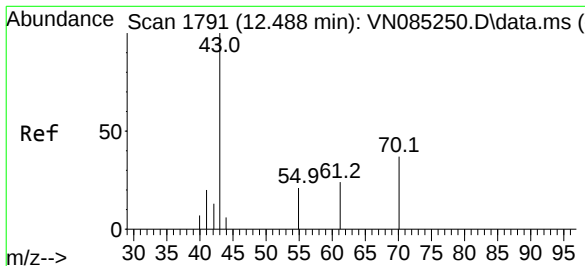
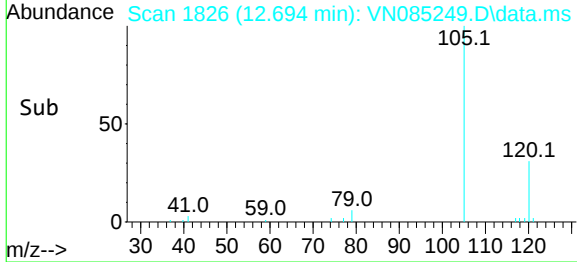
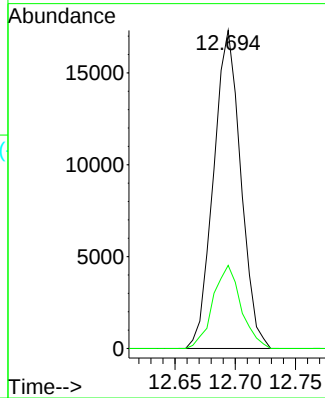
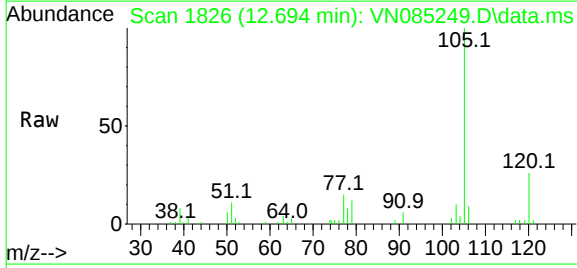
#73  
Isopropylbenzene  
Concen: 4.618 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 105 Resp: 27255  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.0 38.9

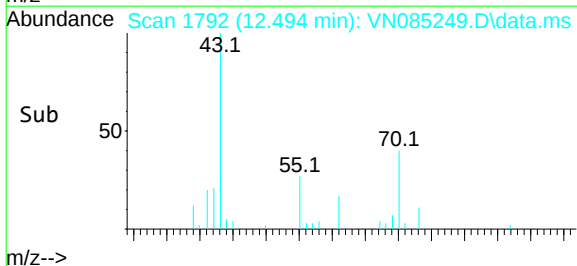
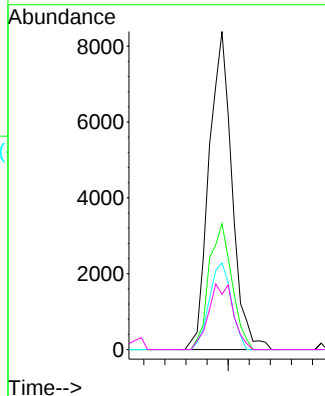
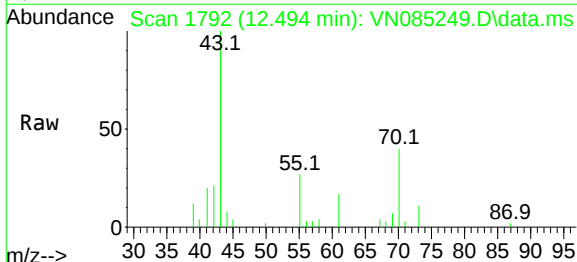
Manual Integrations  
APPROVED

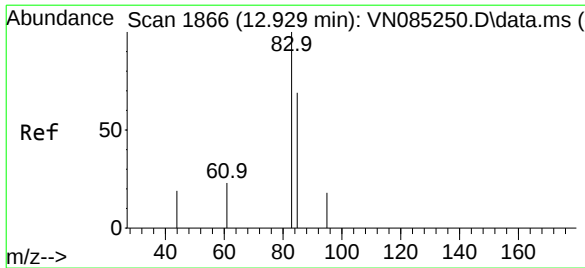
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#74  
N-ethyl acetate  
Concen: 4.312 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 43 Resp: 12710  
Ion Ratio Lower Upper  
43 100  
70 39.4 31.5 47.3  
55 26.2 19.0 28.4  
61 22.4 18.1 27.1





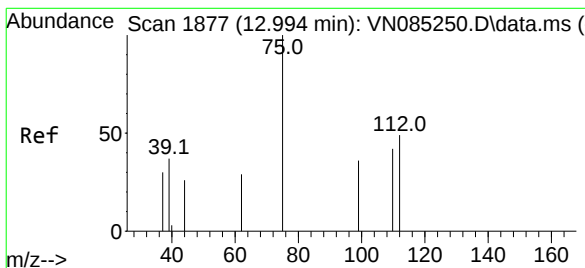
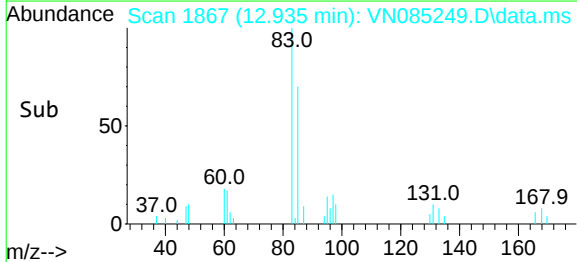
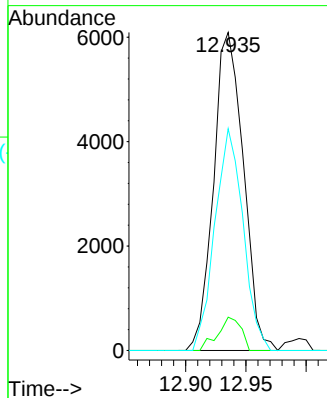
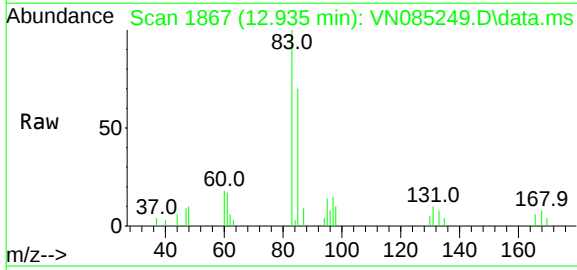
#75  
1,1,2,2-Tetrachloroethane  
Concen: 4.993 ug/l  
RT: 12.935 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

Tgt Ion: 83 Resp: 10500  
Ion Ratio Lower Upper  
83 100  
131 8.1 4.7 14.1  
85 65.9 32.5 97.4

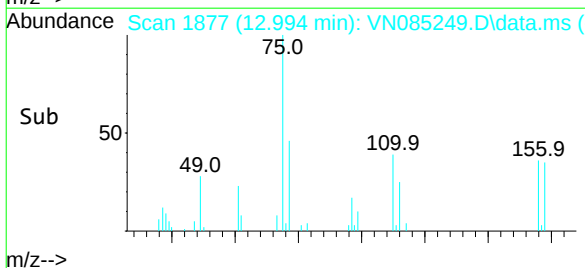
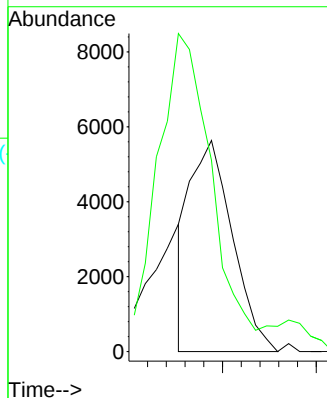
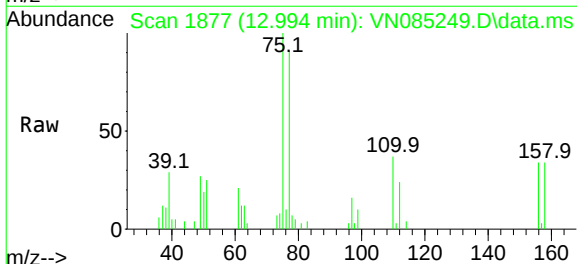
Manual Integrations  
APPROVED

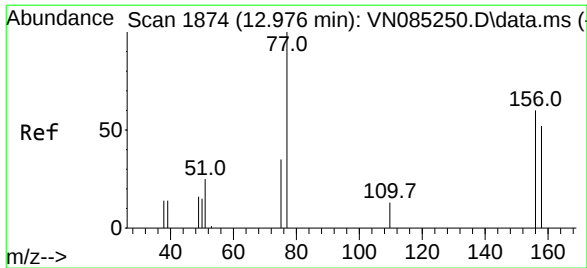
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#76  
1,2,3-Trichloropropane  
Concen: 5.009 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

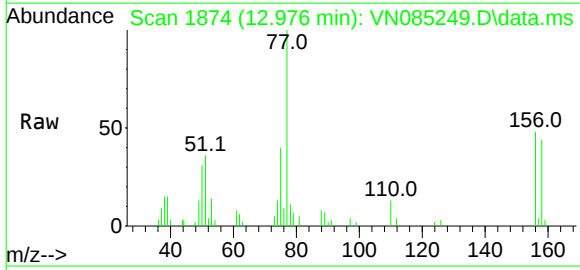
Tgt Ion: 75 Resp: 8941  
Ion Ratio Lower Upper  
75 100  
77 198.3 102.6 307.7





#77  
Bromobenzene  
Concen: 4.713 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

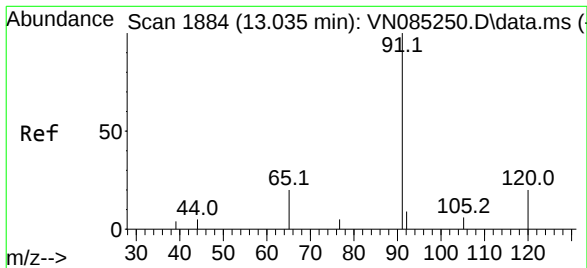
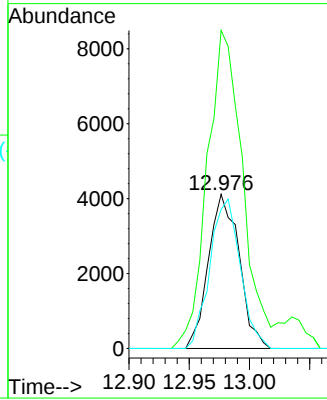
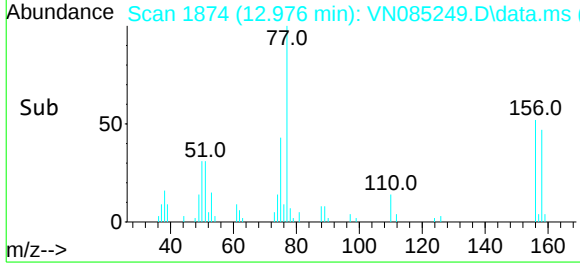
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



Tgt Ion: 156 Resp: 7303  
Ion Ratio Lower Upper  
156 100  
77 242.7 115.8 347.3  
158 96.0 47.9 143.7

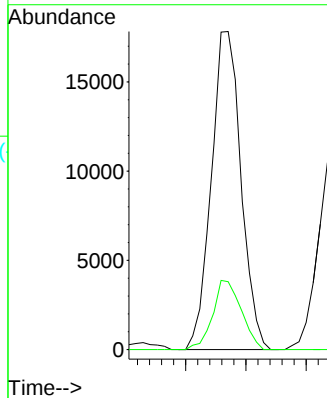
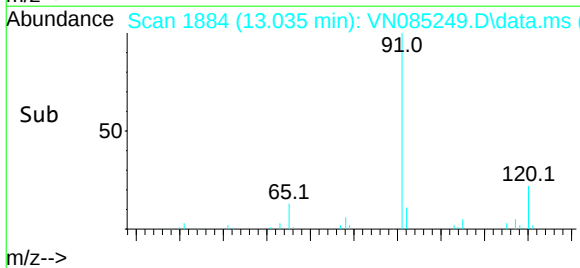
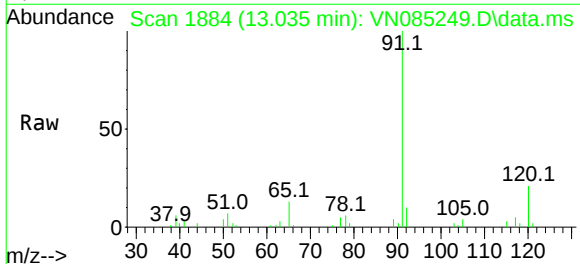
Manual Integrations  
APPROVED

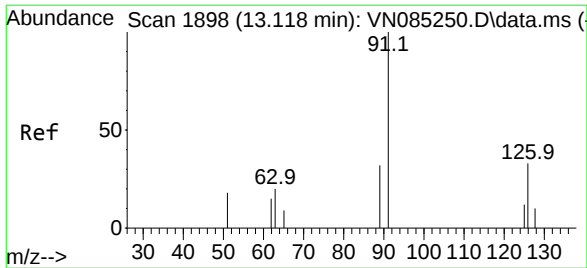
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#78  
n-propylbenzene  
Concen: 4.216 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion: 91 Resp: 30515  
Ion Ratio Lower Upper  
91 100  
120 20.9 10.8 32.3





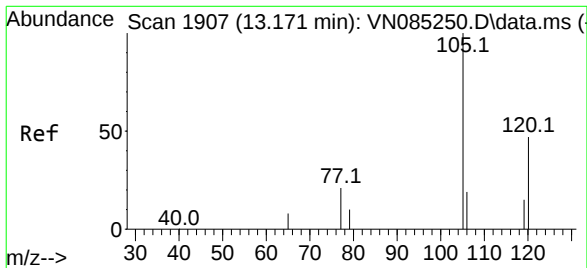
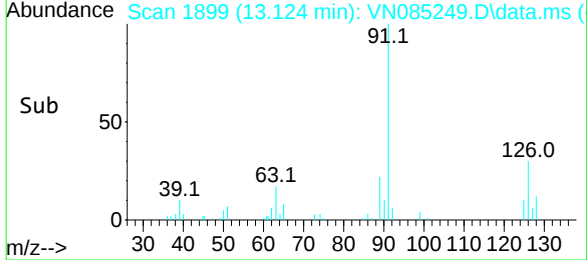
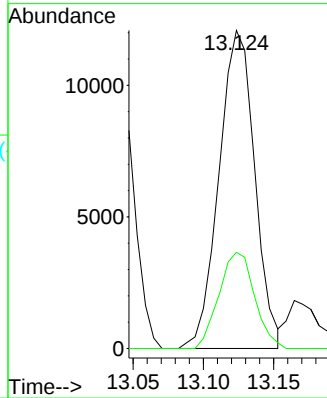
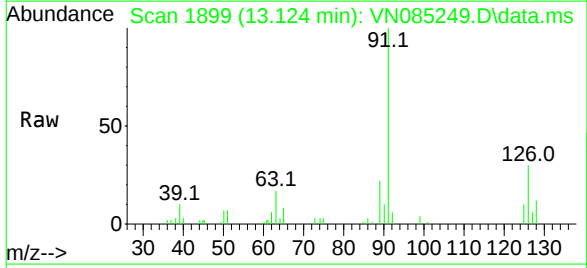
#79  
2-Chlorotoluene  
Concen: 4.648 ug/l  
RT: 13.124 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005

Tgt Ion: 91 Resp: 21362  
Ion Ratio Lower Upper  
91 100  
126 30.0 15.2 45.5

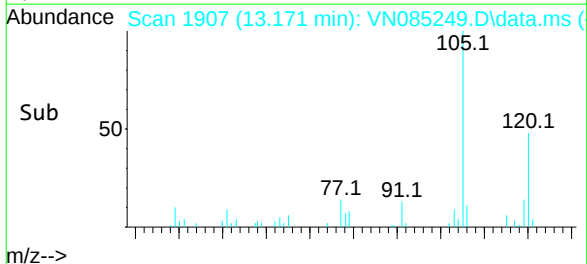
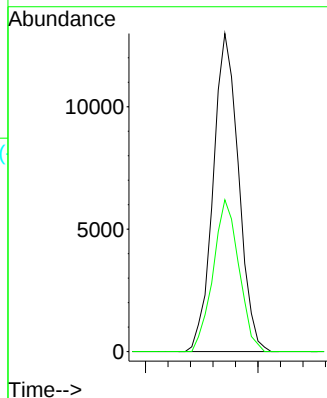
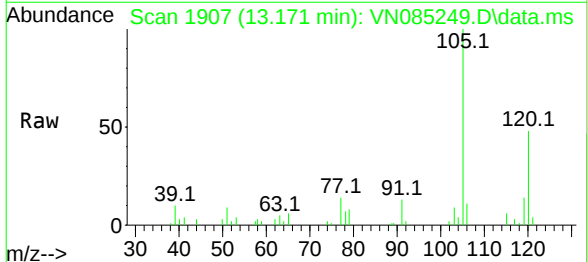
Manual Integrations  
APPROVED

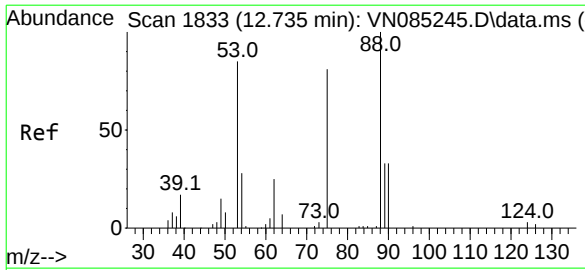
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#80  
1,3,5-Trimethylbenzene  
Concen: 4.148 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Tgt Ion:105 Resp: 20420  
Ion Ratio Lower Upper  
105 100  
120 48.4 23.4 70.2





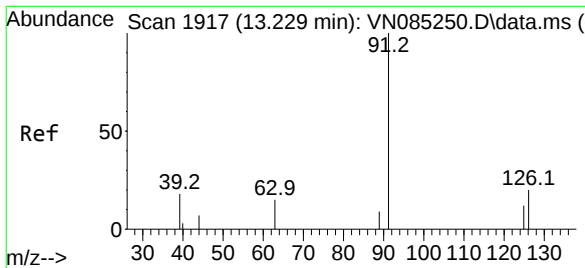
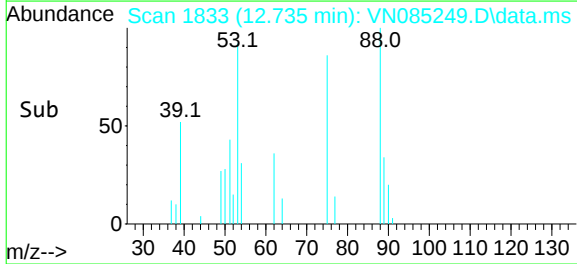
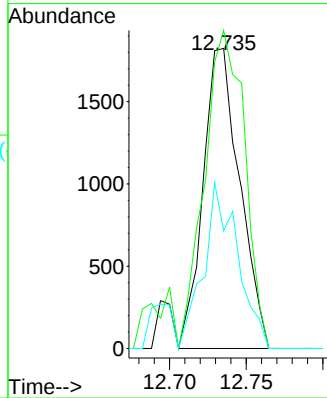
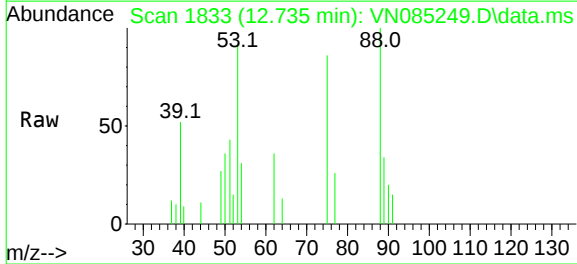
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.135 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 115.9 | 84.9  | 127.3 |
| 89      | 51.3  | 37.9  | 56.9  |

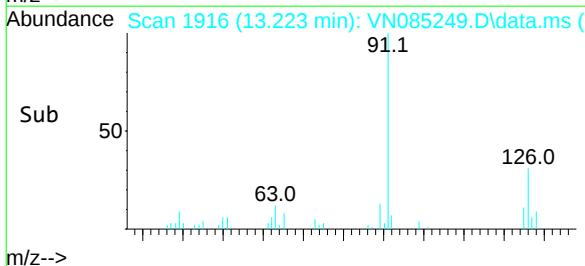
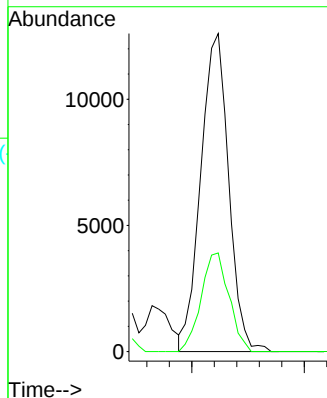
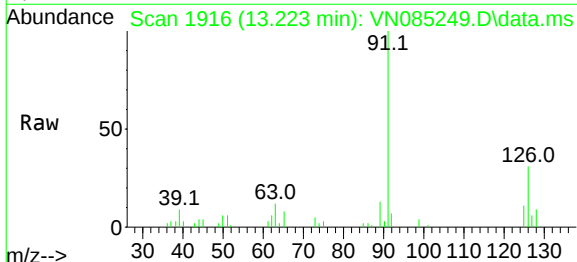
Manual Integrations  
APPROVED

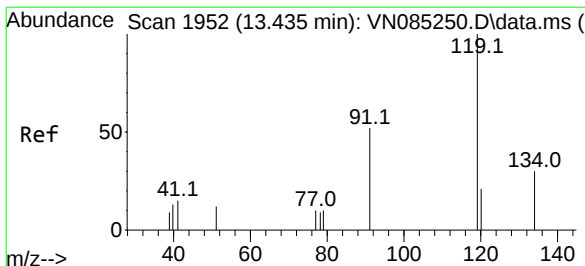
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#82  
4-Chlorotoluene  
Concen: 4.672 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

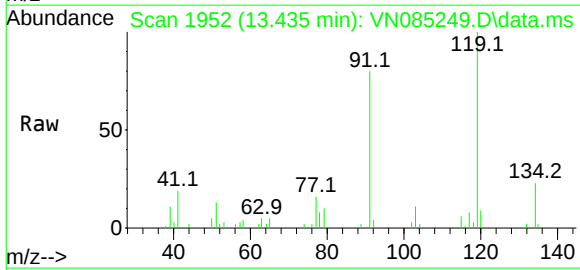
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.0  | 15.6  | 46.8  |





#83  
tert-Butylbenzene  
Concen: 4.465 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

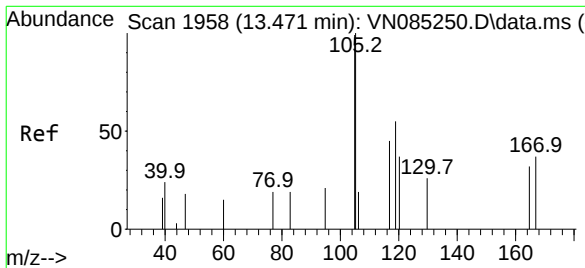
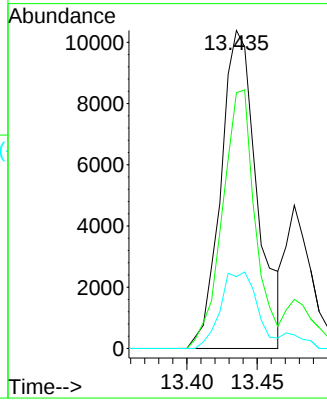
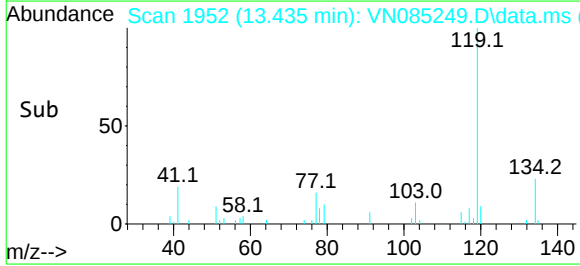
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



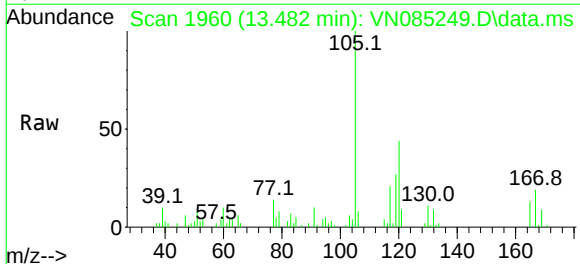
Tgt Ion:119 Resp: 18639  
Ion Ratio Lower Upper  
119 100  
91 73.3 36.3 108.7  
134 24.4 12.2 36.6

Manual Integrations  
APPROVED

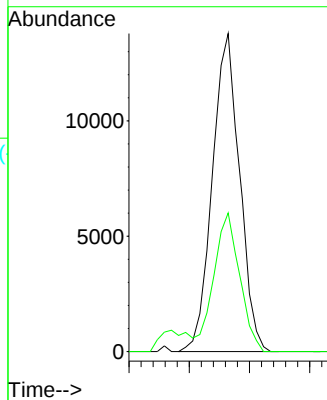
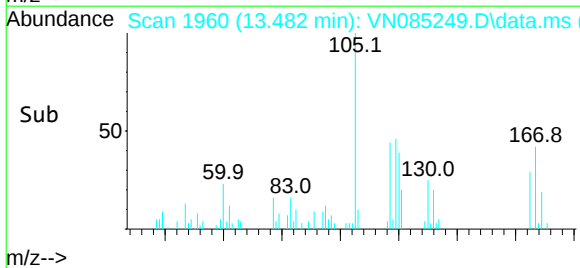
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024

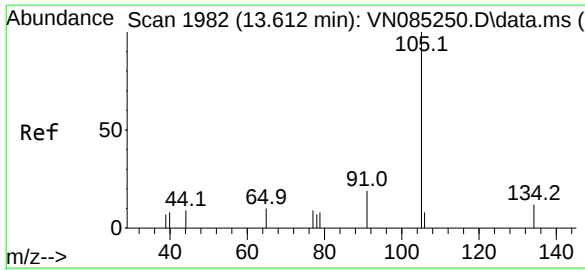


#84  
1,2,4-Trimethylbenzene  
Concen: 4.311 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



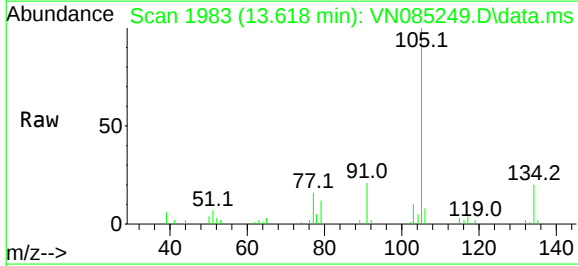
Tgt Ion:105 Resp: 21692  
Ion Ratio Lower Upper  
105 100  
120 41.6 21.8 65.3





#85  
sec-Butylbenzene  
Concen: 4.222 ug/l  
RT: 13.618 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

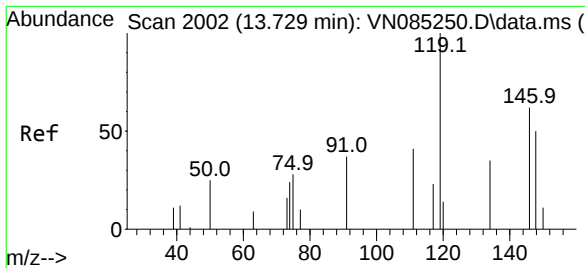
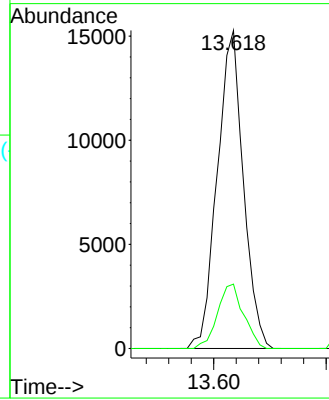
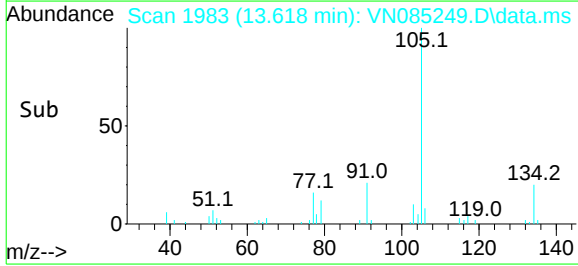
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



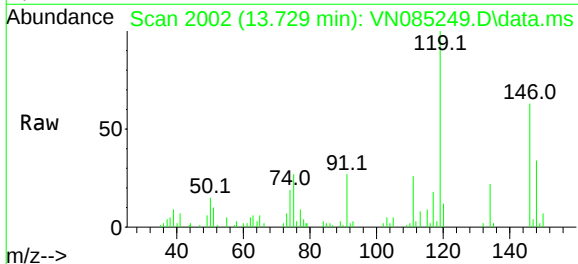
Tgt Ion:105 Resp: 24574  
Ion Ratio Lower Upper  
105 100  
134 20.2 9.4 28.3

Manual Integrations  
APPROVED

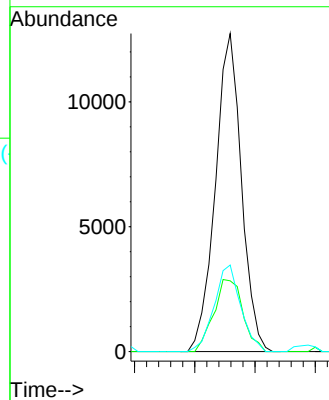
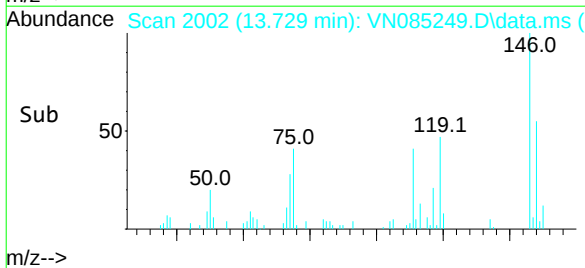
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024

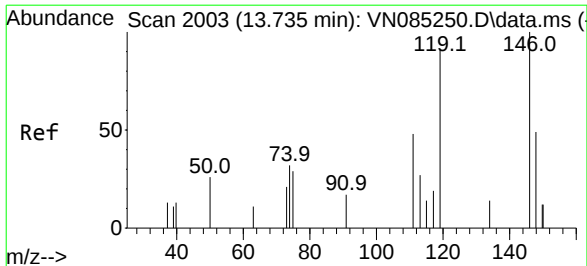


#86  
p-Isopropyltoluene  
Concen: 5.212 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



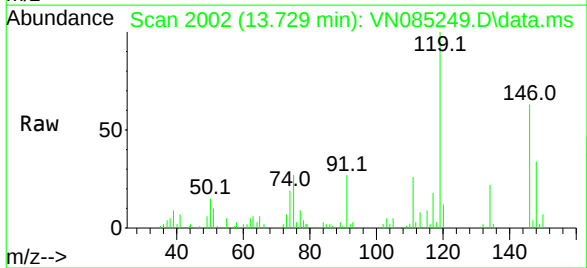
Tgt Ion:119 Resp: 19136  
Ion Ratio Lower Upper  
119 100  
134 25.4 12.5 37.5  
91 27.8 13.0 38.9





#87  
1,3-Dichlorobenzene  
Concen: 4.632 ug/l  
RT: 13.729 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

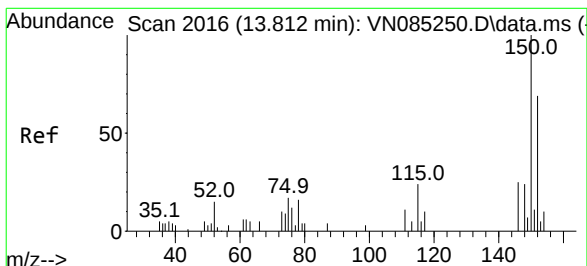
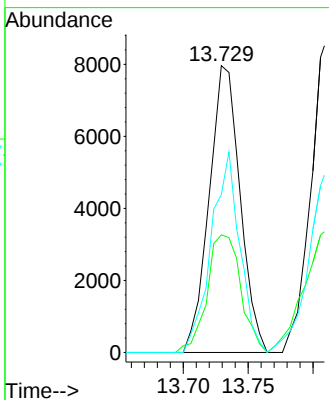
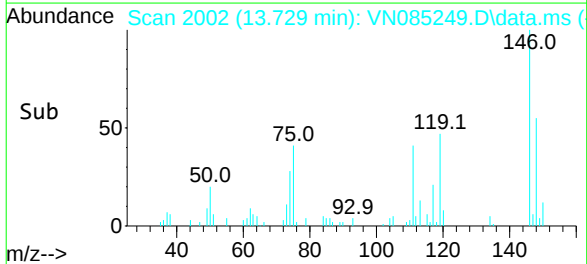
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC005



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 13219 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 44.6  | 21.5  | 64.5  |
| 148       | 64.4  | 31.4  | 94.0  |

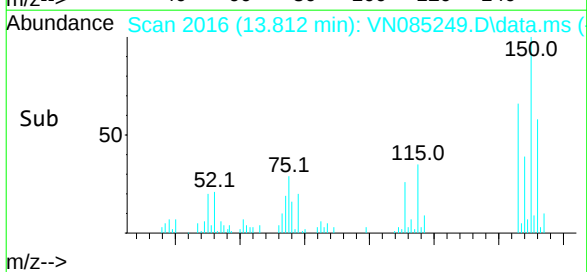
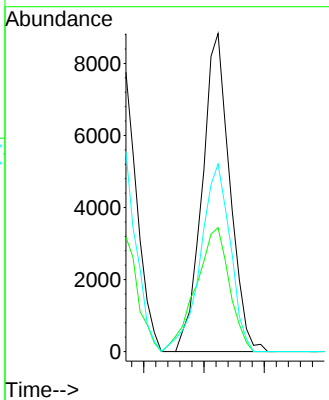
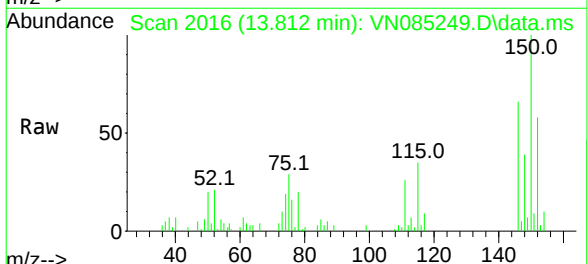
Manual Integrations  
APPROVED

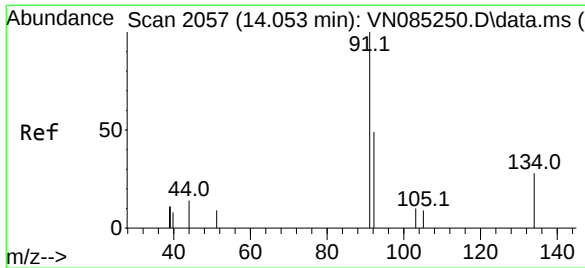
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#88  
1,4-Dichlorobenzene  
Concen: 4.768 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

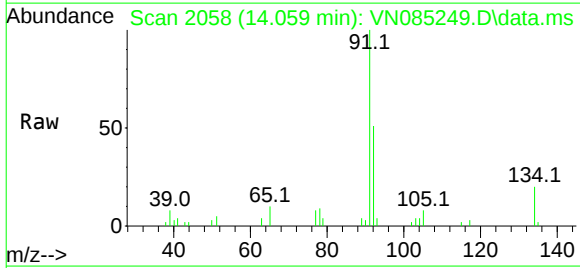
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 14078 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 47.0  | 20.8  | 62.5  |
| 148       | 63.4  | 31.9  | 95.9  |





#89  
n-Butylbenzene  
Concen: 4.015 ug/l  
RT: 14.059 min Scan# 2057  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

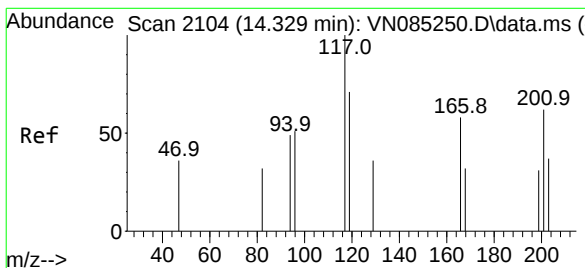
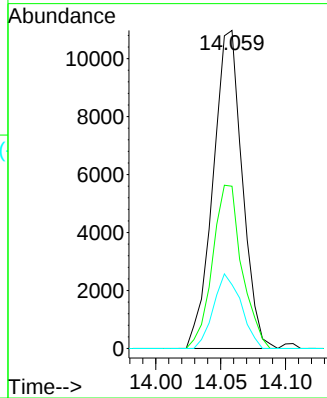
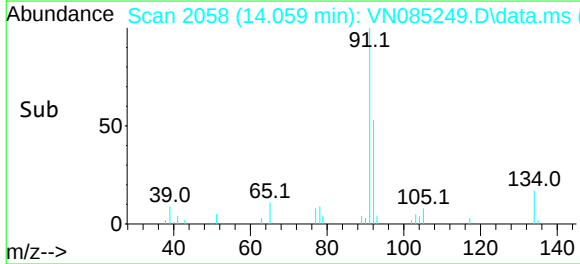
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



Tgt Ion: 91 Resp: 17185  
Ion Ratio Lower Upper  
91 100  
92 51.6 25.8 77.3  
134 22.1 12.0 36.0

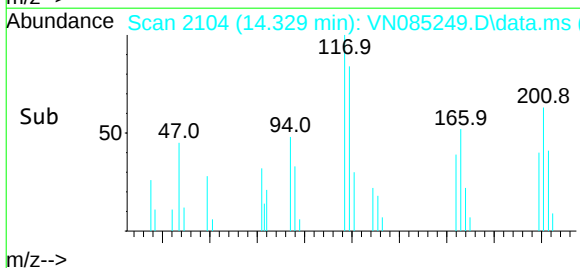
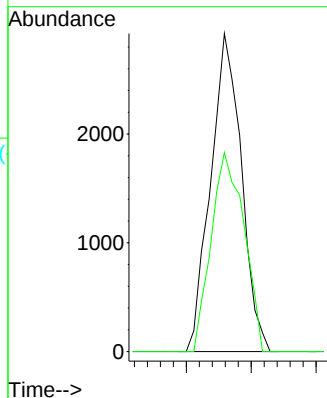
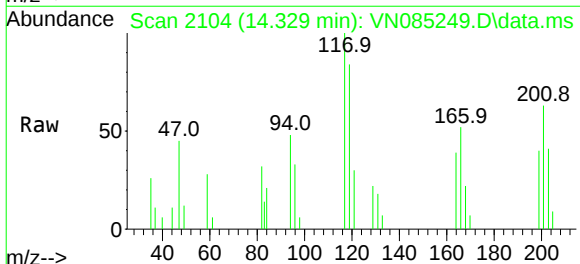
Manual Integrations  
APPROVED

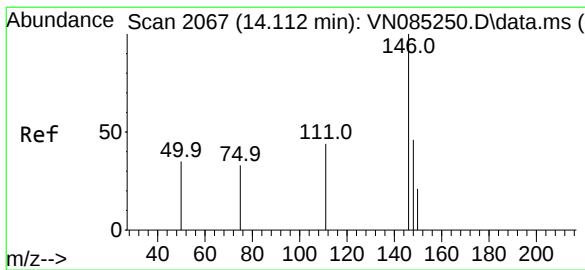
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#90  
Hexachloroethane  
Concen: 4.496 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

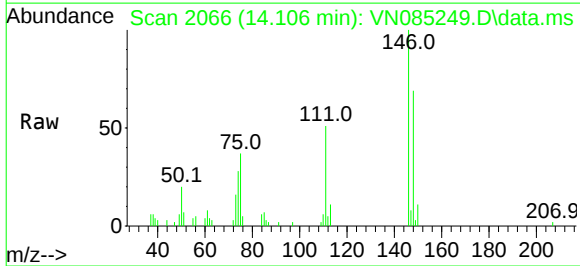
Tgt Ion:117 Resp: 4807  
Ion Ratio Lower Upper  
117 100  
201 66.8 31.9 95.7





#91  
1,2-Dichlorobenzene  
Concen: 4.745 ug/l  
RT: 14.106 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

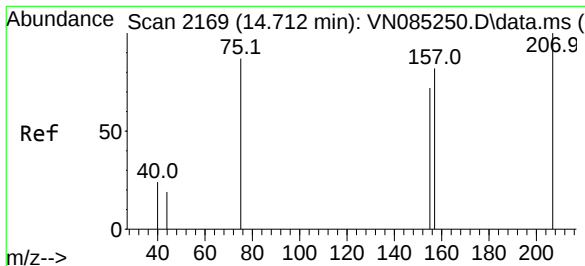
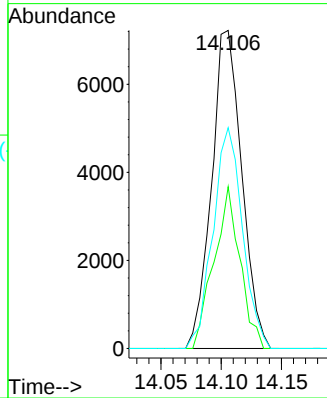
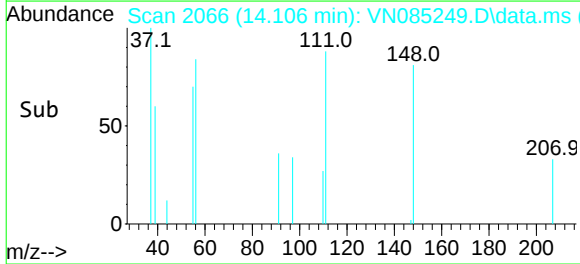
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



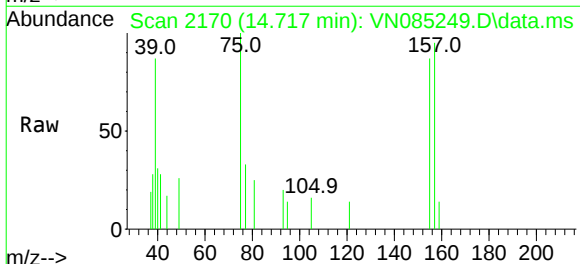
Tgt Ion: 146 Resp: 12593  
Ion Ratio Lower Upper  
146 100  
111 43.9 22.1 66.1  
148 68.0 31.9 95.9

Manual Integrations  
APPROVED

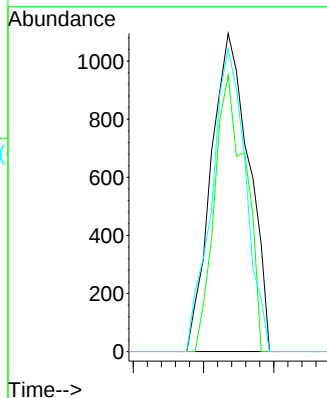
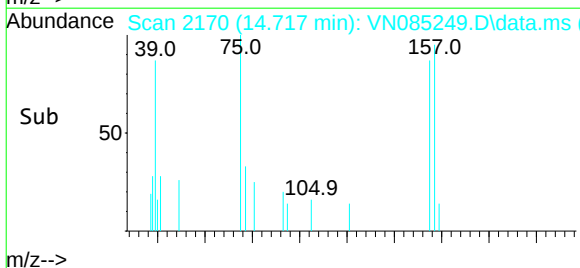
Reviewed By : John Carlone 12/20/2024  
Supervised By : Mahesh Dadoda 12/20/2024

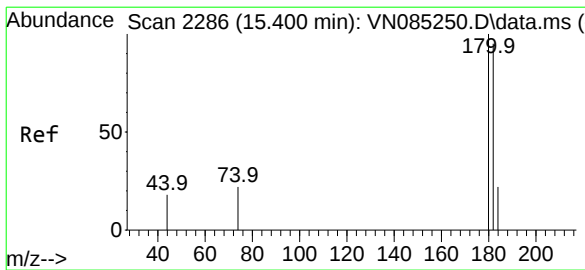


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.091 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33



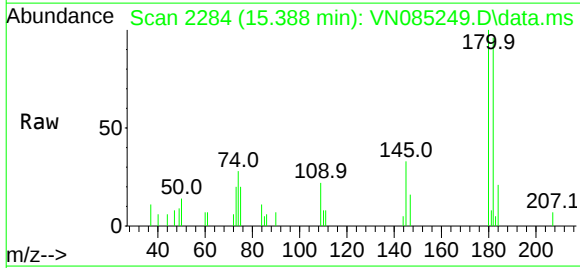
Tgt Ion: 75 Resp: 2053  
Ion Ratio Lower Upper  
75 100  
155 71.0 35.4 106.2  
157 85.7 43.3 129.9





#93  
1,2,4-Trichlorobenzene  
Concen: 4.332 ug/l  
RT: 15.388 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

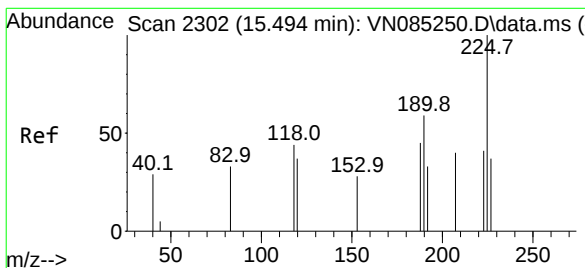
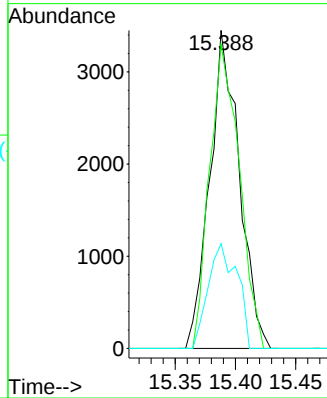
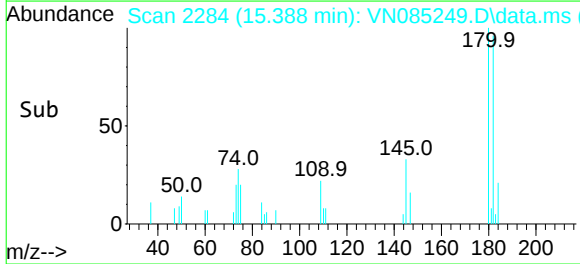
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC005



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 46.3  | 138.8 |
| 145     | 32.2  | 16.6  | 49.7  |

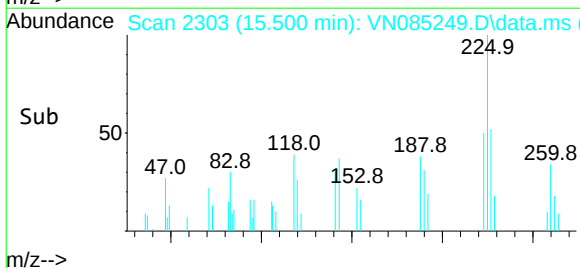
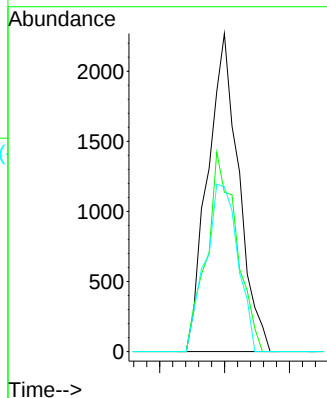
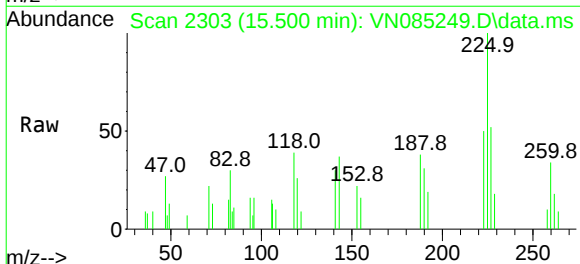
Manual Integrations  
**APPROVED**

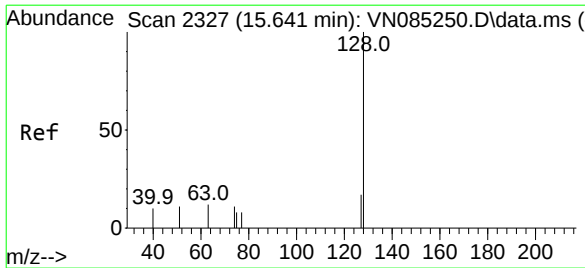
Reviewed By :John Carlone 12/20/2024  
Supervised By :Mahesh Dadoda 12/20/2024



#94  
Hexachlorobutadiene  
Concen: 5.342 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. 0.006 min  
Lab File: VN085249.D  
Acq: 18 Dec 2024 13:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.4  | 34.1  | 102.2 |
| 227     | 55.0  | 33.2  | 99.6  |





#95

Naphthalene

Concen: 4.108 ug/l

RT: 15.635 min Scan# 23

Delta R.T. -0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC005

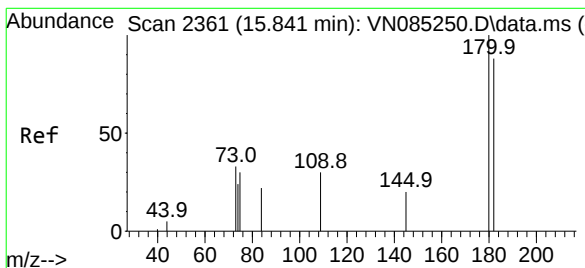
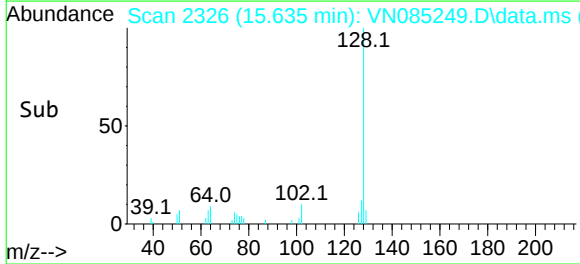
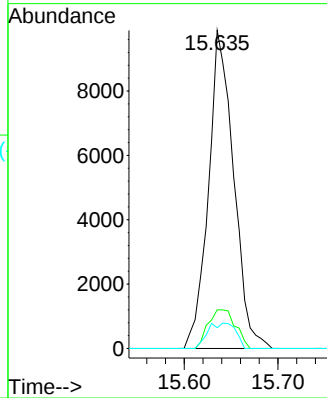
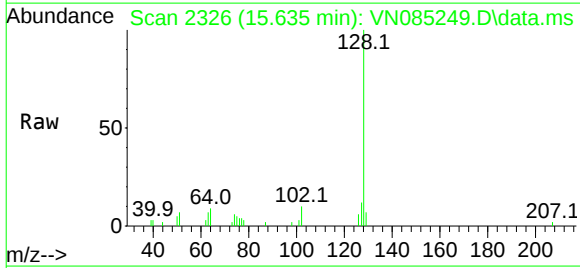
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 18483 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.2  | 10.3  | 15.5  |
| 129       | 8.8   | 8.6   | 13.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.541 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085249.D

Acq: 18 Dec 2024 13:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 6162  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.5  | 46.9  | 140.6 |
| 145       | 36.0  | 17.6  | 52.8  |

