

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050724\  
 Data File : VN082016.D  
 Acq On : 07 May 2024 10:06  
 Operator : JC\MD  
 Sample : VN0507WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/08/2024  
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 07:56:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 27 04:37:27 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc       | Units  | Dev(Min) |
|------------------------------|--------|----------|----------|------------|--------|----------|
| -----                        |        |          |          |            |        |          |
| Internal Standards           |        |          |          |            |        |          |
| 1) Bromochloromethane        | 7.818  | 128      | 31873    | 30.000     | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.100  | 114      | 200775   | 30.000     | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.865 | 117      | 175268   | 30.000     | ug/l   | 0.00     |
|                              |        |          |          |            |        |          |
| System Monitoring Compounds  |        |          |          |            |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.577  | 65       | 86992    | 32.599     | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | = 108.667% |        |          |
| 60) 4-Bromofluorobenzene     | 12.853 | 95       | 83506    | 28.629     | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | = 95.433%  |        |          |
| 63) Toluene-d8               | 10.565 | 98       | 256057   | 30.763     | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | = 102.533% |        |          |
|                              |        |          |          |            |        |          |
| Target Compounds             |        |          |          |            |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124  | 85       | 35997    | 19.896     | ug/l   | 96       |
| 3) Chloromethane             | 2.359  | 50       | 42543    | 20.276     | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.518  | 62       | 42378    | 21.380     | ug/l   | 92       |
| 5) Bromomethane              | 2.959  | 94       | 19857    | 19.199     | ug/l   | 88       |
| 6) Chloroethane              | 3.124  | 64       | 25058    | 22.325     | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.500  | 101      | 55311    | 19.070     | ug/l   | 94       |
| 8) Diethyl Ether             | 3.959  | 74       | 27402    | 19.516     | ug/l   | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383  | 101      | 36236    | 18.224     | ug/l   | 72       |
| 10) 1,1-Dichloroethene       | 4.342  | 96       | 36814    | 18.925     | ug/l   | 87       |
| 11) Methyl Iodide            | 4.589  | 142      | 30713    | 17.276     | ug/l   | 92       |
| 12) Methyl Acetate           | 5.018  | 43       | 53157    | 21.823     | ug/l # | 73       |
| 13) Acrolein                 | 4.183  | 56       | 40754    | 78.724     | ug/l   | 99       |
| 14) Acrylonitrile            | 5.724  | 53       | 116962   | 105.212    | ug/l   | 98       |
| 15) Acetone                  | 4.424  | 58       | 29953    | 120.240    | ug/l   | 82       |
| 16) Carbon Disulfide         | 4.712  | 76       | 97986    | 18.181     | ug/l   | 97       |
| 17) Allyl chloride           | 5.024  | 41       | 64763    | 18.963     | ug/l   | 89       |
| 18) Methylene Chloride       | 5.265  | 84       | 43436m   | 19.625     | ug/l   |          |
| 19) trans-1,2-Dichloroethene | 5.783  | 96       | 38249    | 18.890     | ug/l   | 88       |
| 20) Diisopropyl ether        | 6.671  | 45       | 149076   | 19.728     | ug/l   | 98       |
| 21) 1,1-Dichloroethane       | 6.571  | 63       | 84188    | 21.041     | ug/l   | 95       |
| 22) cis-1,2-Dichloroethene   | 7.488  | 96       | 49927    | 20.234     | ug/l   | 92       |
| 23) tert-Butyl Alcohol       | 5.512  | 59       | 43370    | 94.713     | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.794  | 73       | 142811   | 20.363     | ug/l # | 88       |
| 25) Chloroform               | 7.965  | 83       | 78917    | 20.502     | ug/l   | 96       |
| 26) Cyclohexane              | 8.259  | 56       | 68122    | 19.689     | ug/l # | 91       |
| 29) 1,1-Dichloropropene      | 8.371  | 75       | 54906    | 18.369     | ug/l   | 99       |
| 30) 2-Butanone               | 7.482  | 43       | 152051   | 98.685     | ug/l # | 81       |
| 31) 2,2-Dichloropropane      | 7.488  | 77       | 69784    | 22.782     | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97       | 62187    | 18.090     | ug/l # | 93       |
| 33) Carbon Tetrachloride     | 8.359  | 117      | 49359    | 17.692     | ug/l   | 97       |
| 34) Benzene                  | 8.606  | 78       | 187145   | 19.626     | ug/l   | 95       |
| 35) Methacrylonitrile        | 7.788  | 41       | 33984    | 17.434     | ug/l   | 81       |
| 36) 1,2-Dichloroethane       | 8.671  | 62       | 60951    | 19.041     | ug/l   | 96       |
| 37) Trichloroethene          | 9.353  | 130      | 37711    | 16.146     | ug/l   | 99       |
| 38) Methylcyclohexane        | 9.600  | 83       | 64438    | 17.846     | ug/l   | 93       |
| 39) 1,2-Dichloropropane      | 9.624  | 63       | 47494    | 19.411     | ug/l   | 98       |
| 40) Dibromomethane           | 9.712  | 93       | 30614    | 19.476     | ug/l   | 84       |
| 41) Bromodichloromethane     | 9.888  | 83       | 62479    | 18.597     | ug/l   | 100      |
| 42) Vinyl Acetate            | 6.600  | 43       | 623287   | 95.042     | ug/l   | 95       |

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 Sample : VN0507WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/08/2024  
 Supervised By : Mahesh Dadoda 05/08/2024

Quant Time: May 08 07:56:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Apr 27 04:37:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.559  | 43   | 60072    | 17.882  | ug/l # | 91       |
| 44) Isopropyl Acetate         | 8.688  | 43   | 109712   | 18.396  | ug/l   | 91       |
| 45) 1,4-Dioxane               | 9.694  | 88   | 16360    | 342.049 | ug/l # | 89       |
| 46) Methyl methacrylate       | 9.682  | 41   | 49918    | 18.320  | ug/l   | 83       |
| 47) n-amyl Acetate            | 12.494 | 43   | 100376m  | 18.660  | ug/l   |          |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 66531    | 18.261  | ug/l   | 93       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 74613    | 19.370  | ug/l # | 80       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 39961    | 18.739  | ug/l   | 90       |
| 51) Ethyl methacrylate        | 10.876 | 69   | 72484    | 18.009  | ug/l   | 82       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 75032    | 19.151  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.359 | 129  | 42087    | 18.139  | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 11.470 | 107  | 40341    | 18.968  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 10.159 | 63   | 180443   | 89.655  | ug/l   | 96       |
| 56) Bromoform                 | 12.576 | 173  | 23398    | 16.569  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 327319   | 96.180  | ug/l # | 88       |
| 59) 2-Hexanone                | 11.194 | 43   | 255389   | 101.214 | ug/l # | 88       |
| 61) Tetrachloroethene         | 11.106 | 164  | 31020    | 15.950  | ug/l   | 98       |
| 62) Toluene                   | 10.629 | 91   | 188493   | 19.114  | ug/l   | 98       |
| 64) Chlorobenzene             | 11.894 | 112  | 116055   | 19.241  | ug/l   | 94       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 36236    | 18.355  | ug/l   | 93       |
| 66) Ethyl Benzene             | 11.965 | 91   | 205168   | 18.980  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.070 | 106  | 151148   | 37.713  | ug/l   | 98       |
| 68) o-Xylene                  | 12.400 | 106  | 74974    | 18.908  | ug/l   | 99       |
| 69) Styrene                   | 12.412 | 104  | 120829   | 18.152  | ug/l   | 96       |
| 70) Isopropylbenzene          | 12.694 | 105  | 184854   | 18.356  | ug/l   | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 56935    | 19.646  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 51610m   | 19.049  | ug/l   |          |
| 73) Bromobenzene              | 12.982 | 156  | 35750    | 16.584  | ug/l   | 69       |
| 74) n-propylbenzene           | 13.035 | 91   | 228616   | 19.242  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 138103   | 18.789  | ug/l   | 100      |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 152009   | 18.648  | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 12.735 | 75   | 22646    | 18.779  | ug/l   | 87       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 134054   | 18.617  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.441 | 119  | 128564   | 18.318  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 149558   | 18.266  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.617 | 105  | 193142   | 19.632  | ug/l   | 98       |
| 82) p-Isopropyltoluene        | 13.729 | 119  | 147770   | 18.995  | ug/l   | 98       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 72302    | 18.626  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.812 | 146  | 70615    | 18.099  | ug/l   | 98       |
| 85) n-Butylbenzene            | 14.059 | 91   | 138525   | 19.494  | ug/l   | 96       |
| 86) Hexachloroethane          | 14.335 | 117  | 28767    | 18.546  | ug/l   | 72       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 70096    | 18.131  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 10017    | 15.403  | ug/l   | 93       |
| 89) 1,2,4-Trichlorobenzene    | 15.841 | 180  | 36359    | 17.080  | ug/l   | 100      |
| 90) Hexachlorobutadiene       | 15.500 | 225  | 13558    | 17.197  | ug/l   | 67       |
| 91) Naphthalene               | 15.641 | 128  | 138642   | 17.132  | ug/l   | 98       |
| 92) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 36359    | 17.080  | ug/l   | 100      |

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

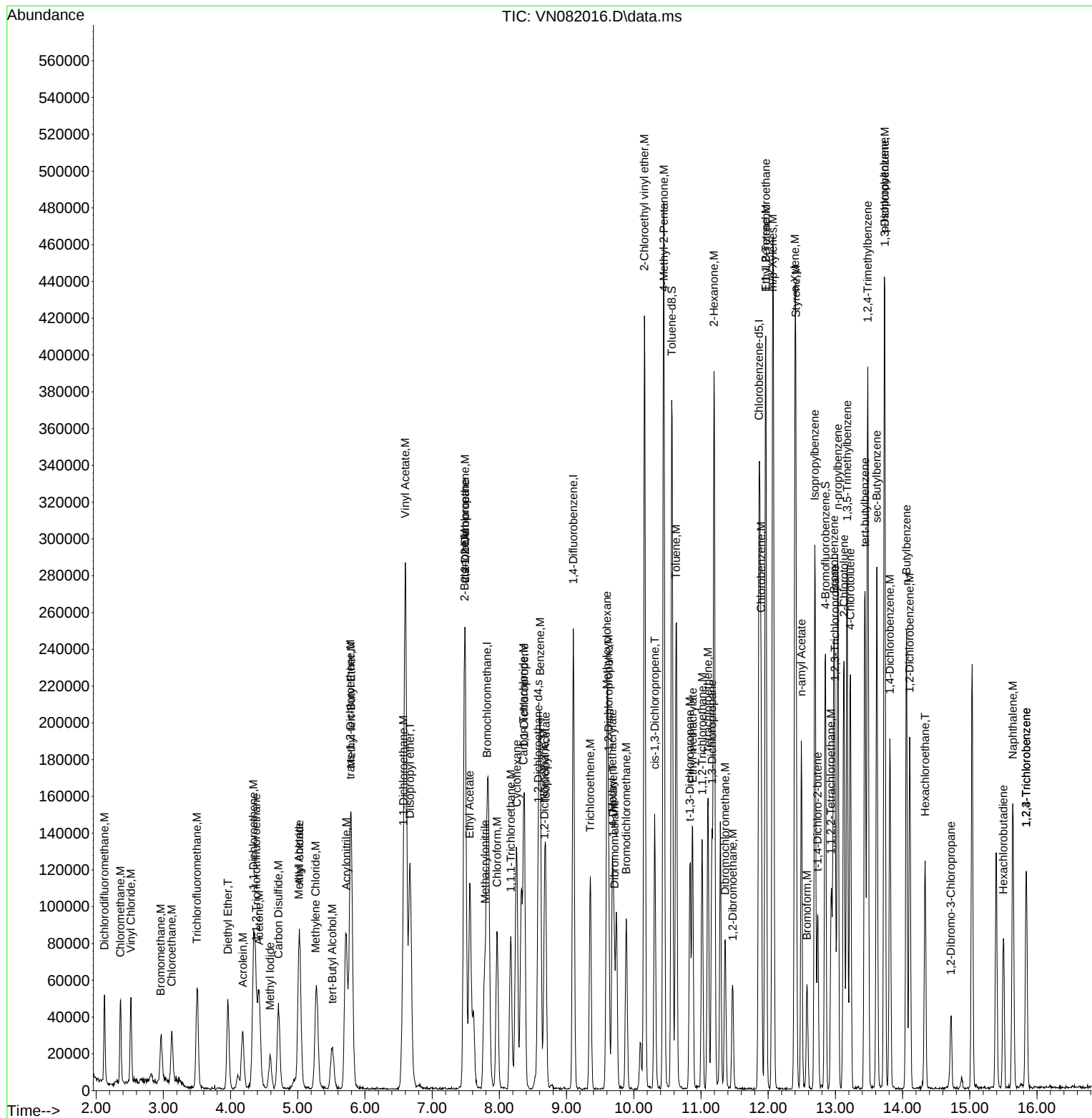
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050724\  
Data File : VN082016.D  
Acq On : 07 May 2024 10:06  
Operator : JC\MD  
Sample : VN0507WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

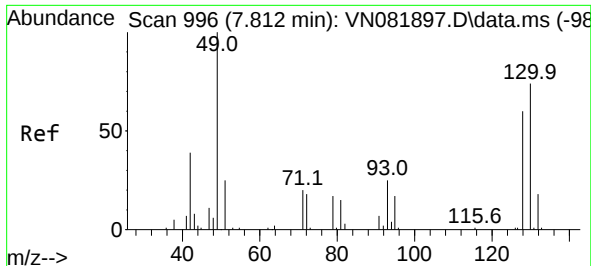
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Manual Integrations  
APPROVED

Reviewed By : John Carlone 05/08/2024  
Supervised By : Mahesh Dadoda 05/08/2024

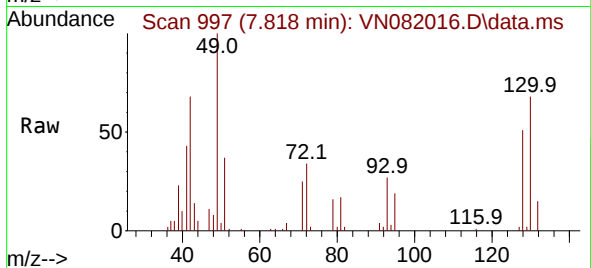
Quant Time: May 08 07:56:41 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N042624W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Sat Apr 27 04:37:27 2024  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.818 min Scan# 996  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

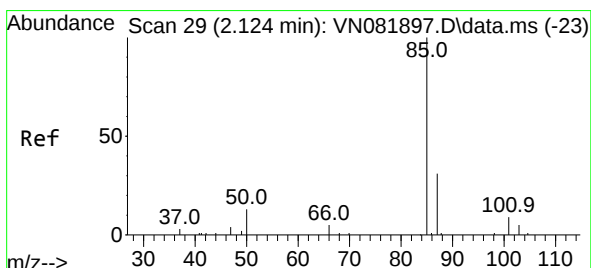
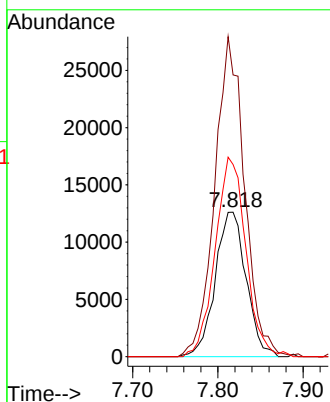
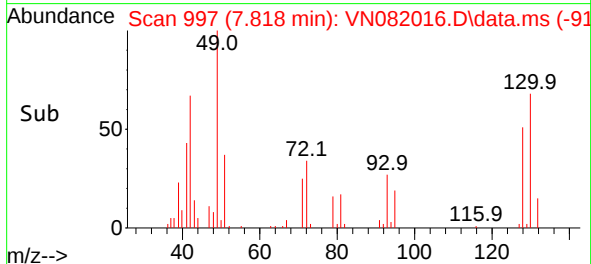
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion:128 Resp: 3187  
Ion Ratio Lower Upper  
128 100  
49 213.6 0.0 403.7  
130 136.3 0.0 323.3

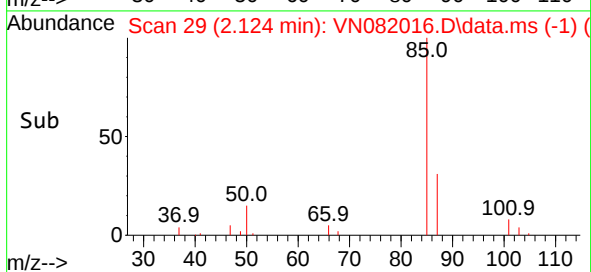
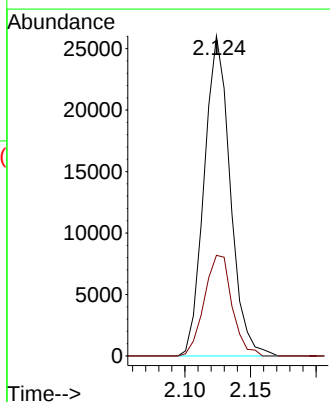
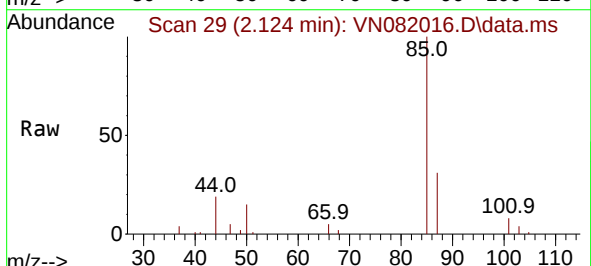
Manual Integrations  
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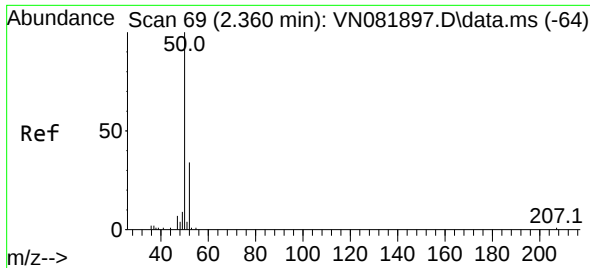
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#2  
Dichlorodifluoromethane  
Concen: 19.896 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

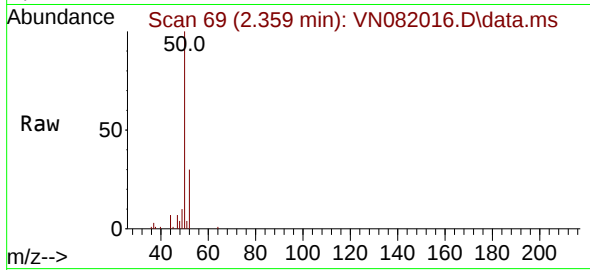
Tgt Ion: 85 Resp: 35997  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.8 50.3





#3  
Chloromethane  
Concen: 20.276 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

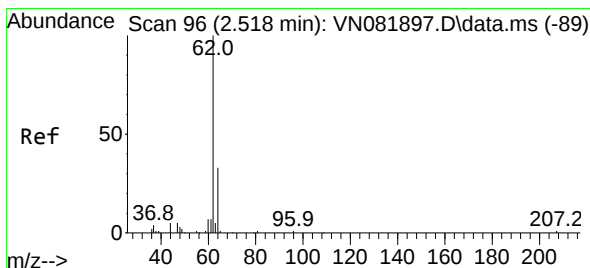
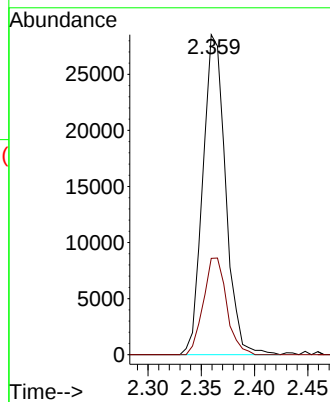
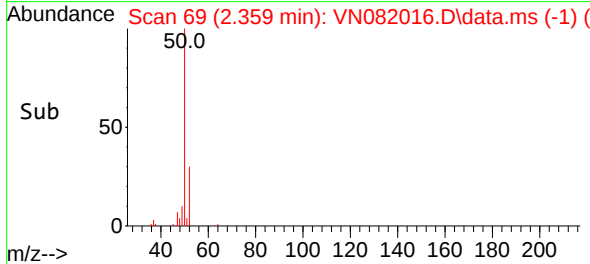
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 50 Resp: 4254  
Ion Ratio Lower Upper  
50 100  
52 30.1 25.4 38.0

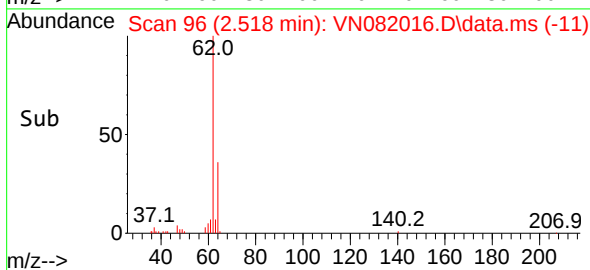
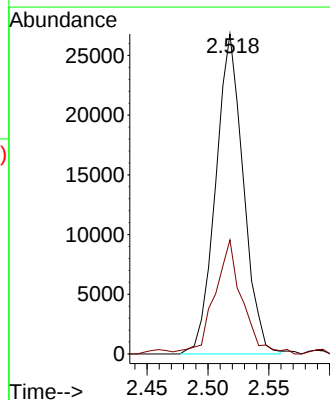
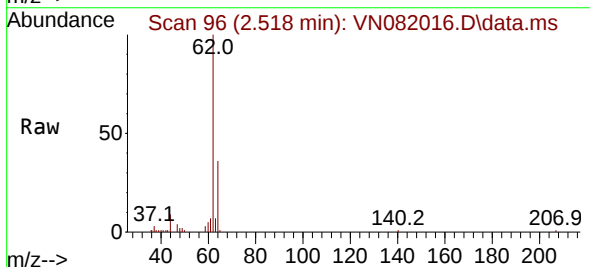
Manual Integrations  
APPROVED

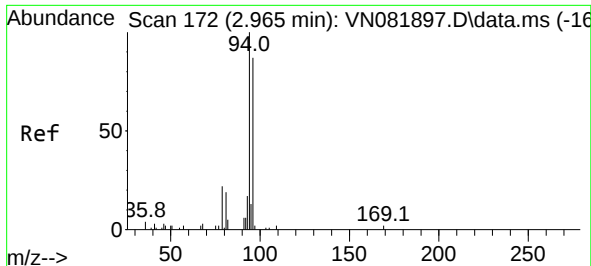
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#4  
Vinyl Chloride  
Concen: 21.380 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 62 Resp: 42378  
Ion Ratio Lower Upper  
62 100  
64 34.6 24.1 36.1





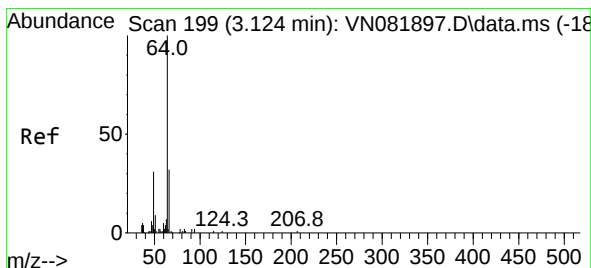
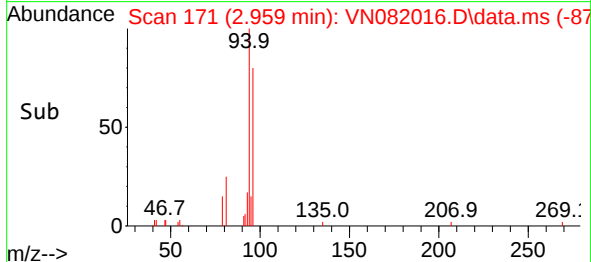
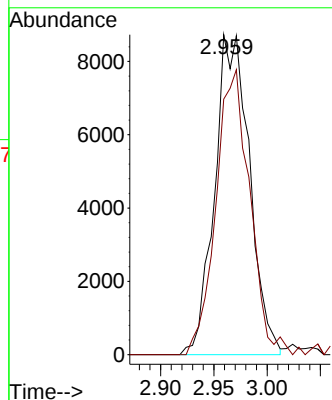
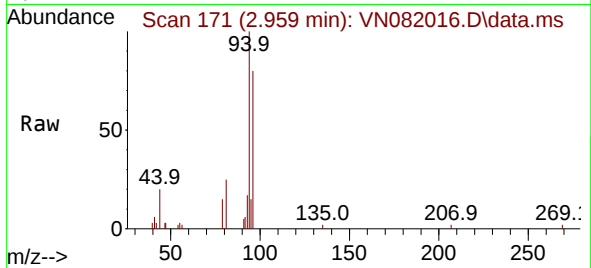
#5  
Bromomethane  
Concen: 19.199 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion: 94 Resp: 1985  
Ion Ratio Lower Upper  
94 100  
96 79.8 72.8 109.2

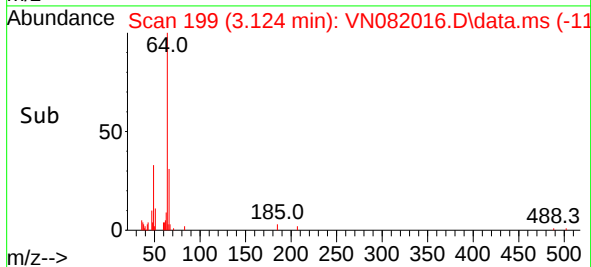
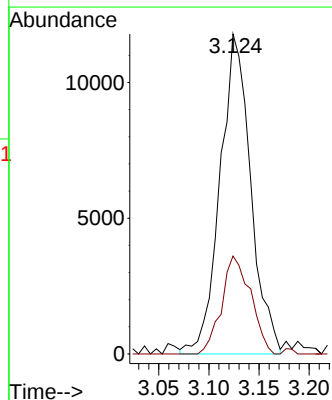
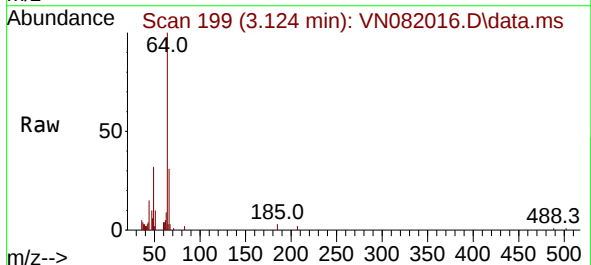
Manual Integrations  
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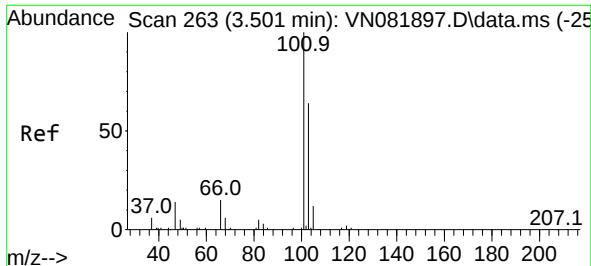
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#6  
Chloroethane  
Concen: 22.325 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 64 Resp: 25058  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.7 40.1





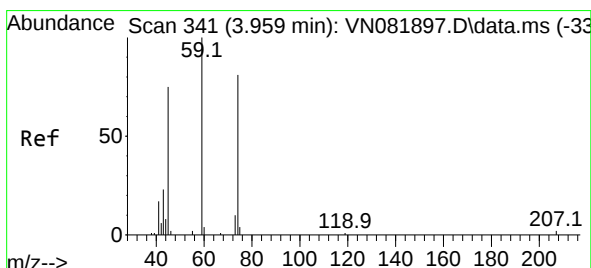
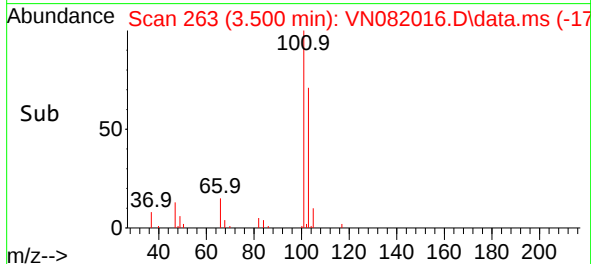
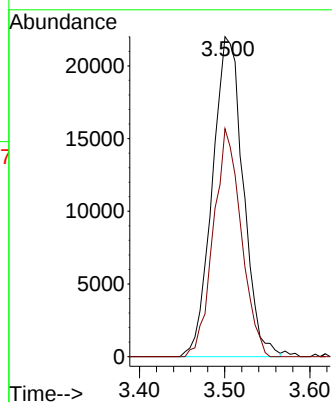
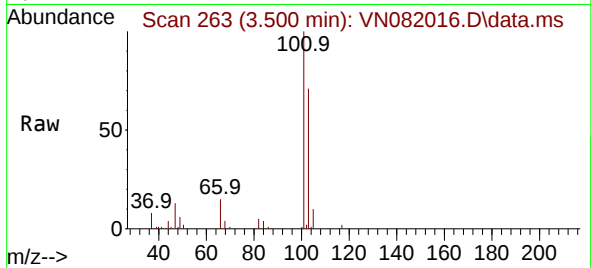
#7  
 Trichlorofluoromethane  
 Concen: 19.070 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01

Tgt Ion:101 Resp: 5531  
 Ion Ratio Lower Upper  
 101 100  
 103 71.2 53.0 79.4

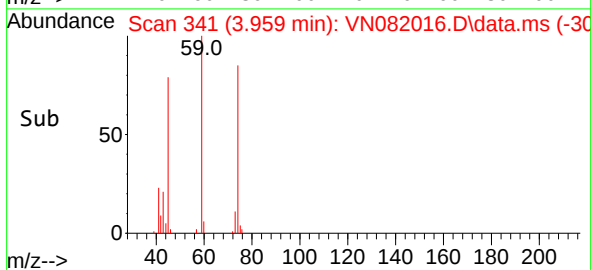
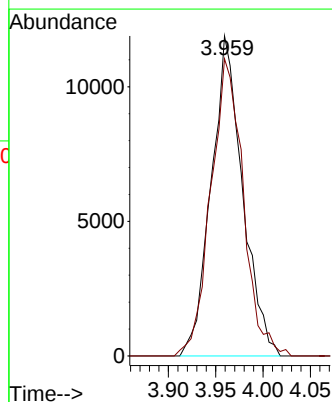
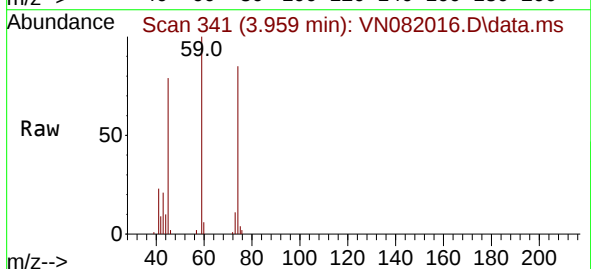
Manual Integrations  
 APPROVED

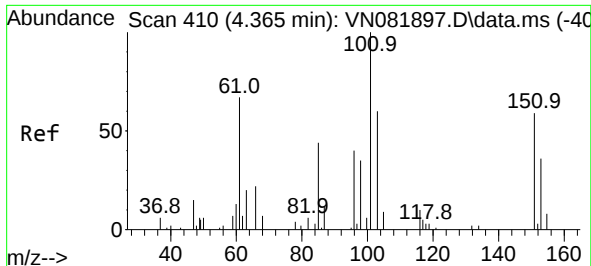
Reviewed By :John Carlone 05/08/2024  
 Supervised By :Mahesh Dadoda 05/08/2024



#8  
 Diethyl Ether  
 Concen: 19.516 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

Tgt Ion: 74 Resp: 27402  
 Ion Ratio Lower Upper  
 74 100  
 45 93.6 16.4 147.4





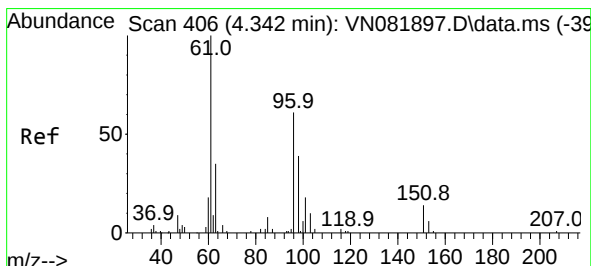
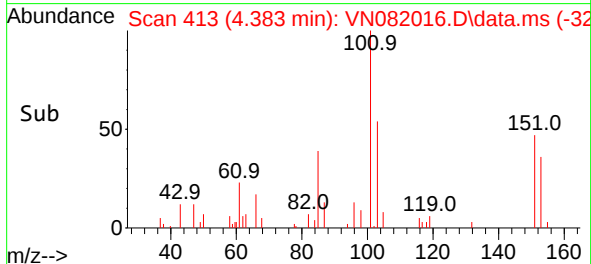
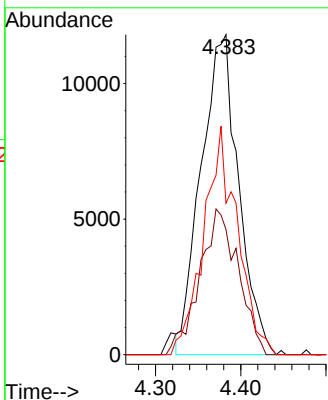
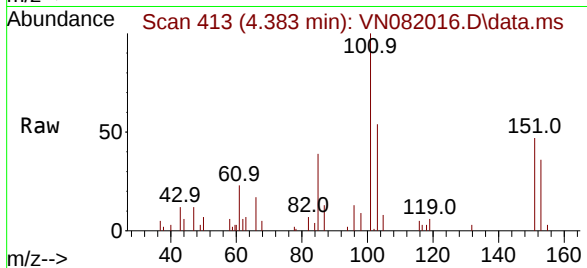
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.224 ug/l  
RT: 4.383 min Scan# 410  
Delta R.T. 0.017 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:101 Resp: 36230  
Ion Ratio Lower Upper  
101 100  
85 43.9 0.0 90.6  
151 41.6 0.0 157.6

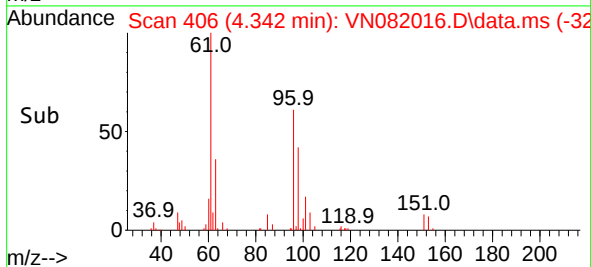
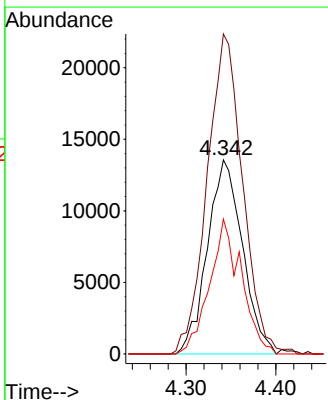
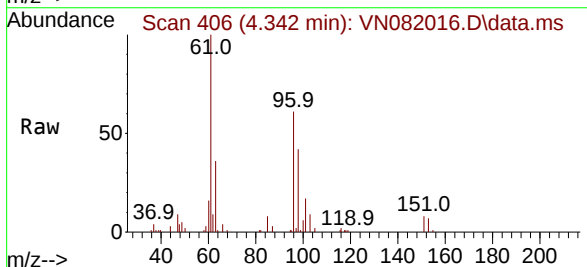
Manual Integrations  
APPROVED

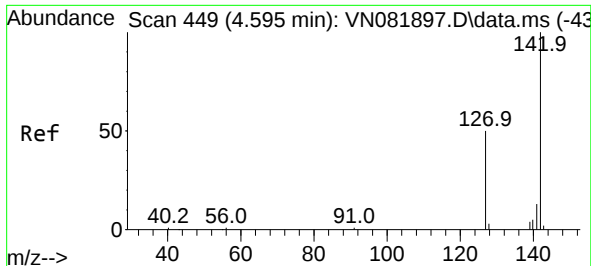
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#10  
1,1-Dichloroethene  
Concen: 18.925 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

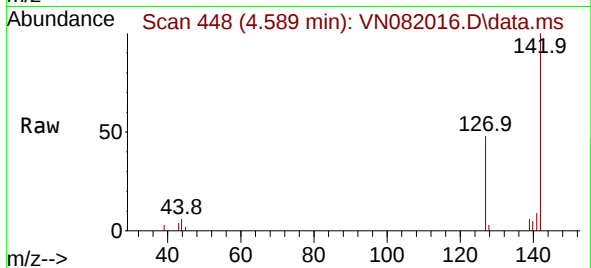
Tgt Ion: 96 Resp: 36814  
Ion Ratio Lower Upper  
96 100  
61 163.4 117.6 176.4  
98 69.5 48.4 72.6





#11  
Methyl Iodide  
Concen: 17.276 ug/l  
RT: 4.589 min Scan# 449  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

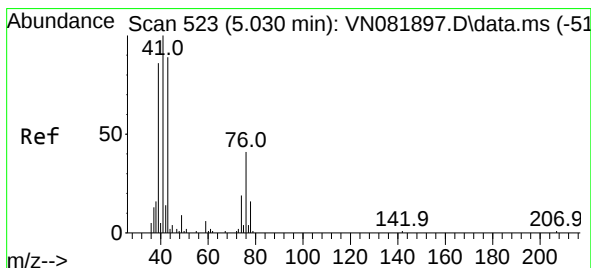
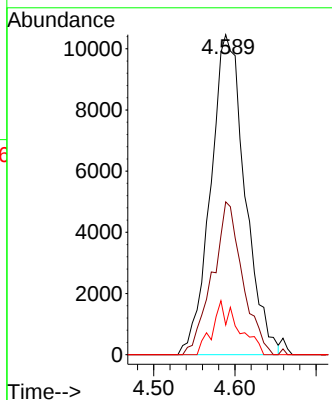
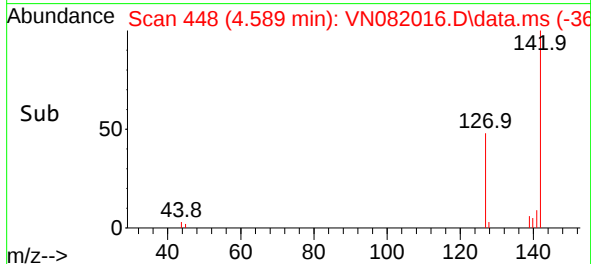
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion:142 Resp: 3071  
Ion Ratio Lower Upper  
142 100  
127 48.5 26.3 78.9  
141 9.4 8.3 24.9

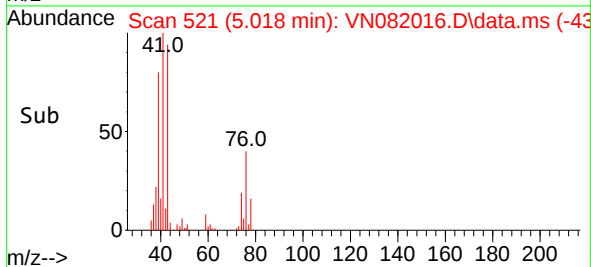
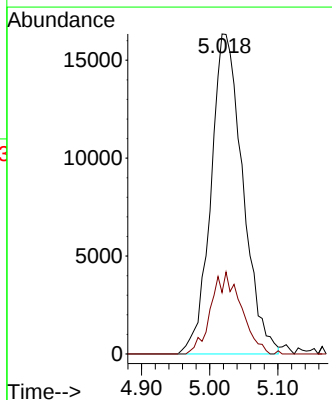
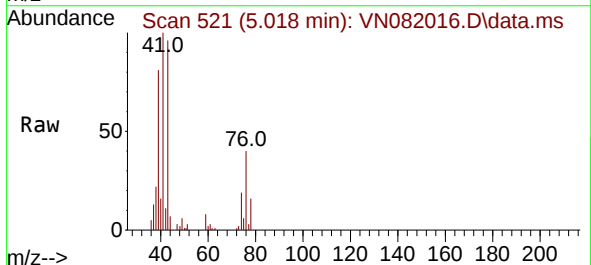
Manual Integrations  
APPROVED

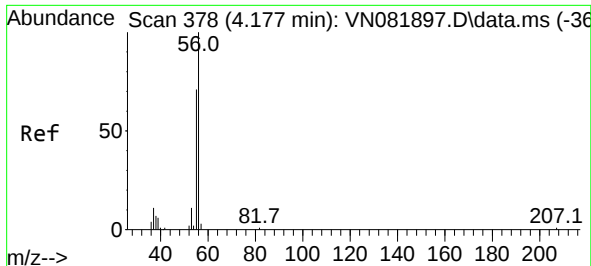
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#12  
Methyl Acetate  
Concen: 21.823 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.012 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

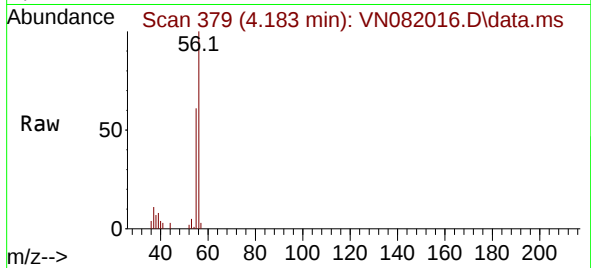
Tgt Ion: 43 Resp: 53157  
Ion Ratio Lower Upper  
43 100  
74 18.9 27.7 41.5#





#13  
Acrolein  
Concen: 78.724 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

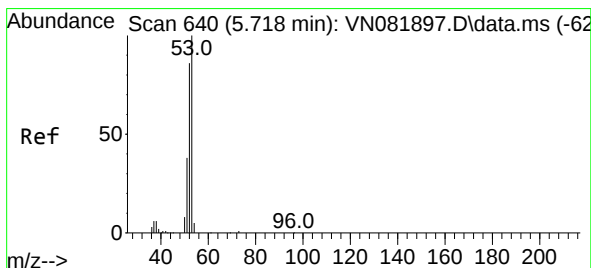
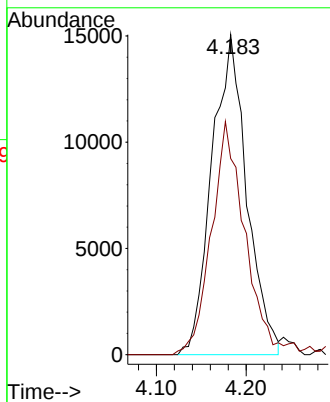
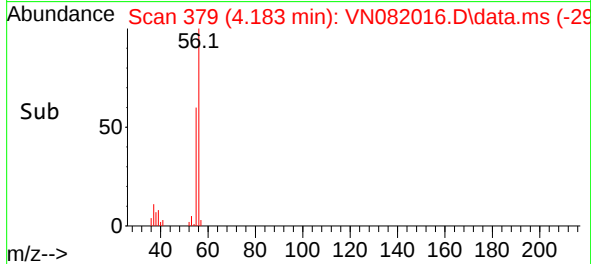
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 56 Resp: 40754  
Ion Ratio Lower Upper  
56 100  
55 68.2 55.5 83.3

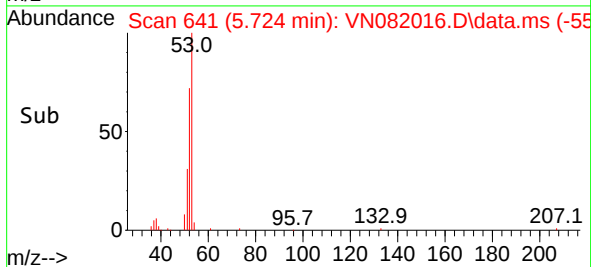
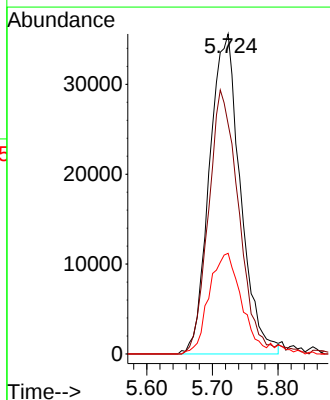
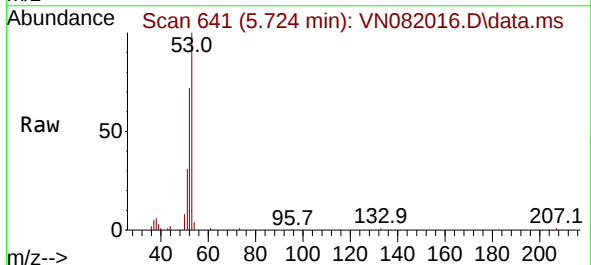
Manual Integrations  
APPROVED

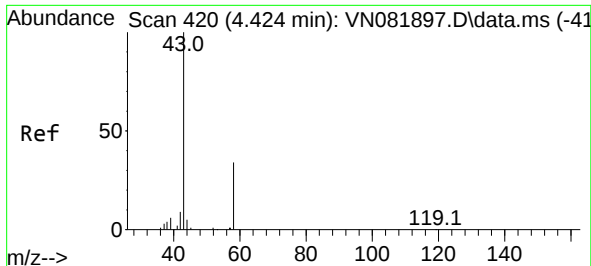
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#14  
Acrylonitrile  
Concen: 105.212 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 53 Resp: 116962  
Ion Ratio Lower Upper  
53 100  
52 80.0 41.3 123.9  
51 32.7 16.8 50.3





#15

Acetone

Concen: 120.240 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0507WBS01

Tgt Ion: 58 Resp: 2995

Ion Ratio Lower Upper

58 100

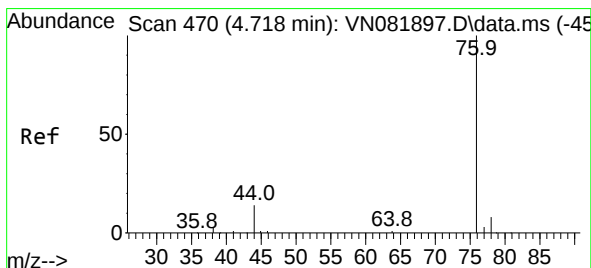
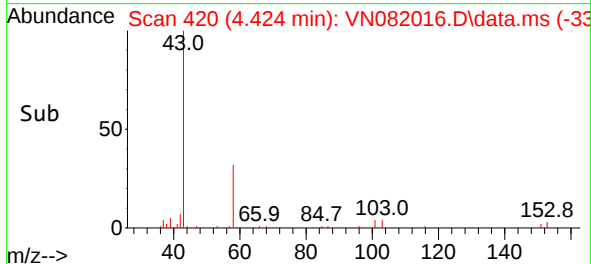
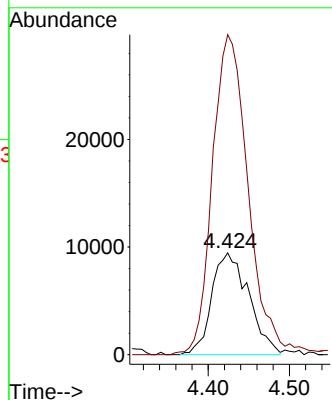
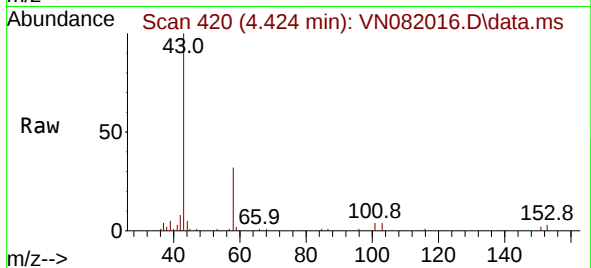
43 311.7 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#16

Carbon Disulfide

Concen: 18.181 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082016.D

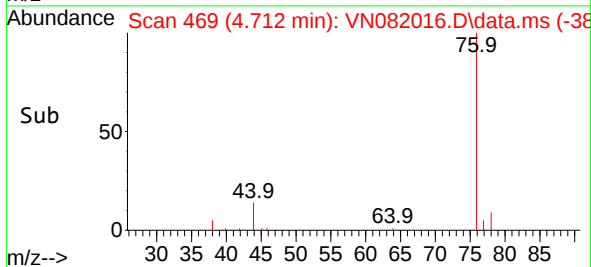
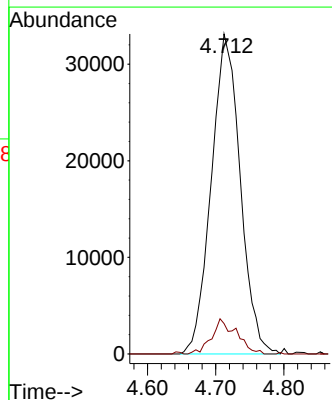
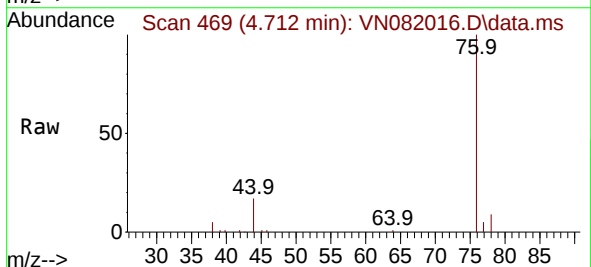
Acq: 07 May 2024 10:06

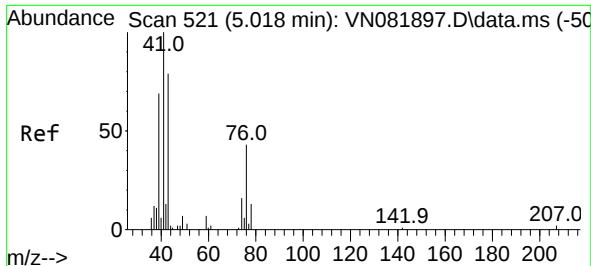
Tgt Ion: 76 Resp: 97986

Ion Ratio Lower Upper

76 100

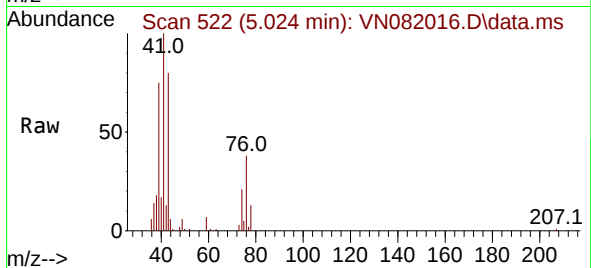
78 9.0 6.3 9.5





#17  
 Allyl chloride  
 Concen: 18.963 ug/l  
 RT: 5.024 min Scan# 51  
 Delta R.T. 0.006 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

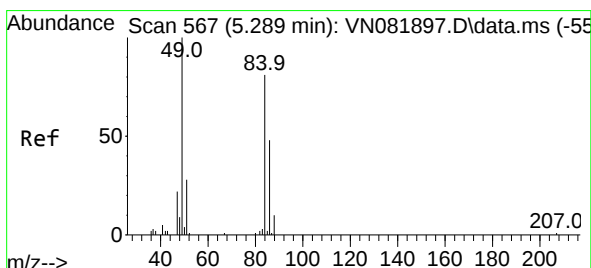
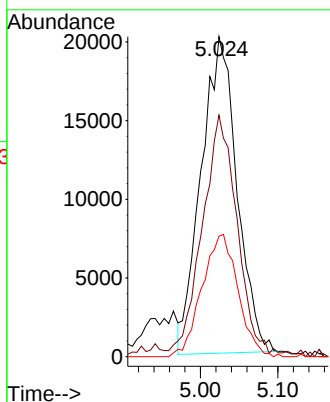
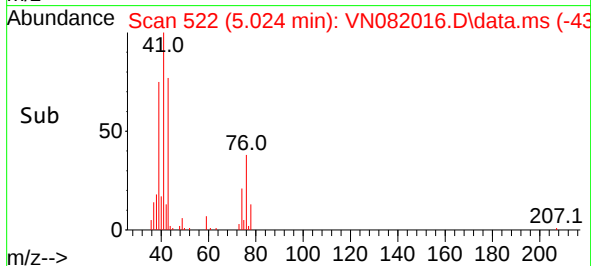
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01



Tgt Ion: 41 Resp: 6476  
 Ion Ratio Lower Upper  
 41 100  
 39 75.5 37.6 112.9  
 76 37.5 27.8 83.4

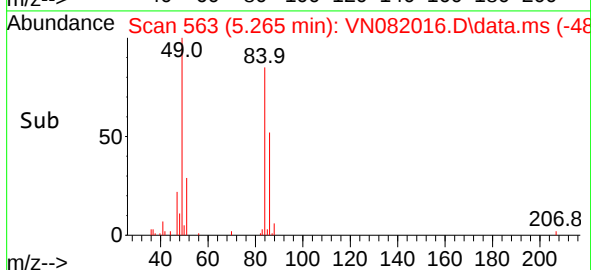
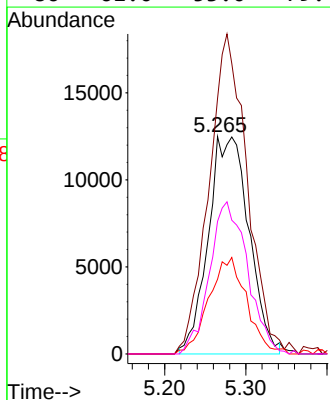
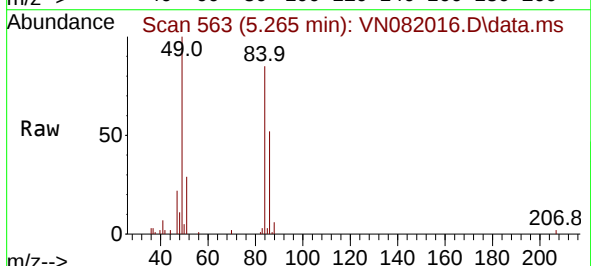
Manual Integrations  
 APPROVED

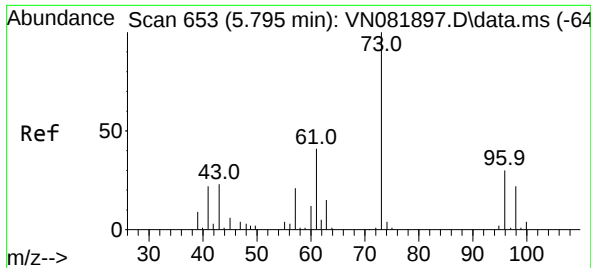
Reviewed By :John Carlone 05/08/2024  
 Supervised By :Mahesh Dadoda 05/08/2024



#18  
 Methylene Chloride  
 Concen: 19.625 ug/l m  
 RT: 5.265 min Scan# 563  
 Delta R.T. -0.024 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

Tgt Ion: 84 Resp: 43436  
 Ion Ratio Lower Upper  
 84 100  
 49 117.5 86.0 129.0  
 51 34.4 30.0 45.0  
 86 61.0 53.0 79.4





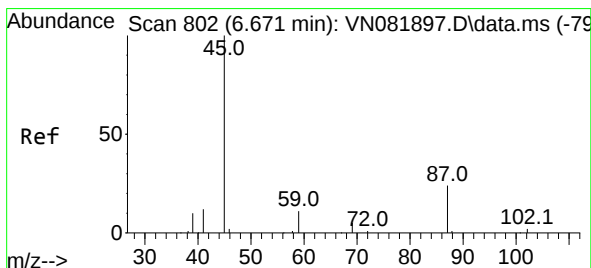
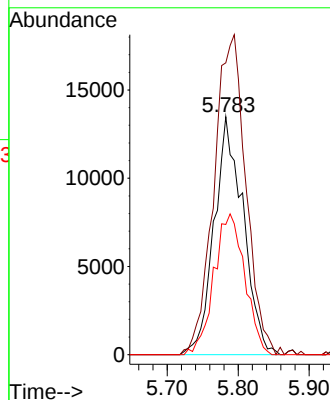
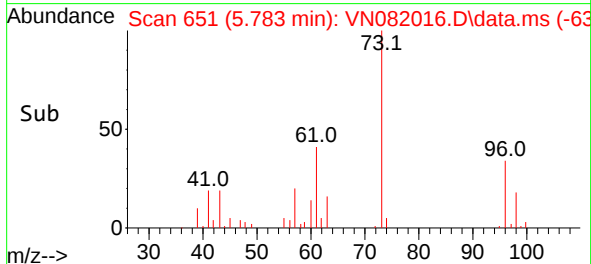
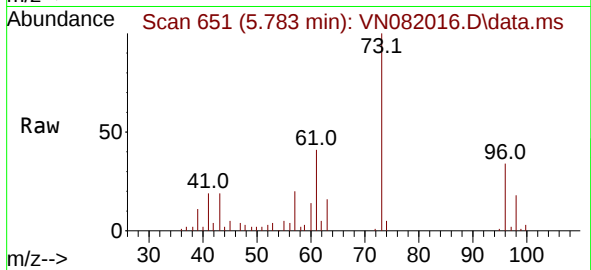
#19  
trans-1,2-Dichloroethene  
Concen: 18.890 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion: 96 Resp: 38249  
Ion Ratio Lower Upper  
96 100  
61 122.6 111.8 167.6  
98 54.7 49.2 73.8

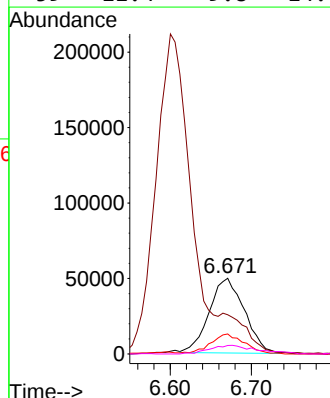
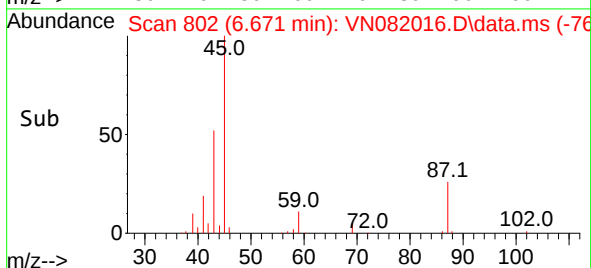
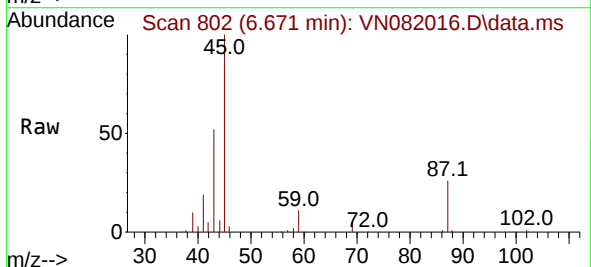
Manual Integrations  
APPROVED

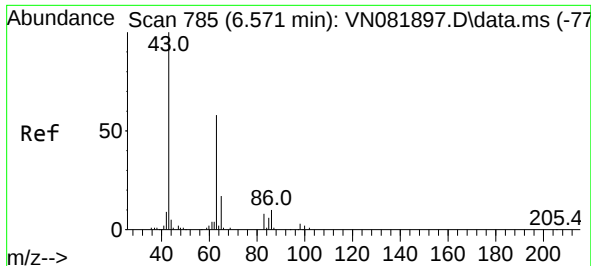
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#20  
Diisopropyl ether  
Concen: 19.728 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 45 Resp: 149076  
Ion Ratio Lower Upper  
45 100  
43 50.4 40.4 60.6  
87 26.2 23.8 35.8  
59 11.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 21.041 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0507WBS01

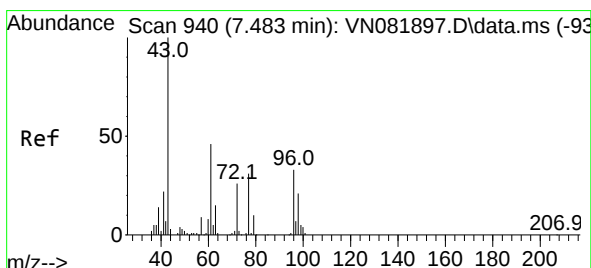
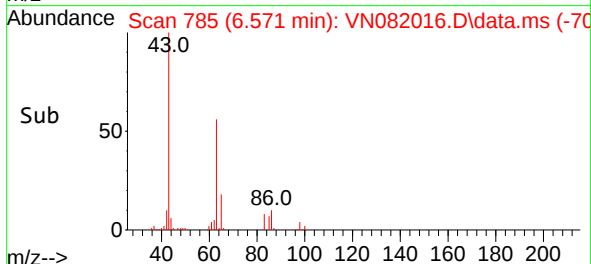
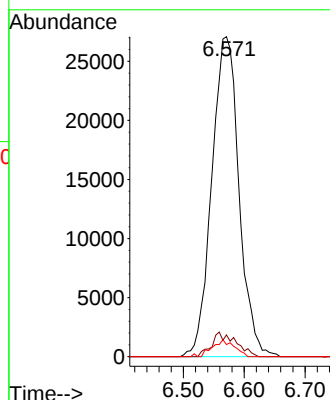
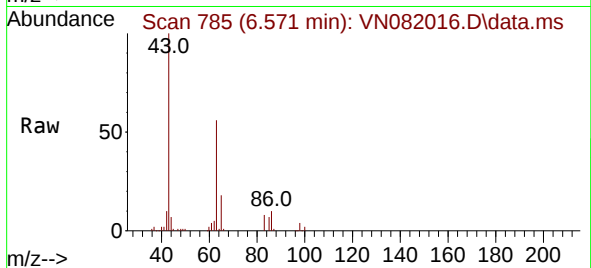
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 63    | Resp: | 8418 |
| Ion Ratio | Lower | Upper |      |
| 63        | 100   |       |      |
| 98        | 6.8   | 4.1   | 12.3 |
| 100       | 3.8   | 3.0   | 9.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#22

cis-1,2-Dichloroethene

Concen: 20.234 ug/l

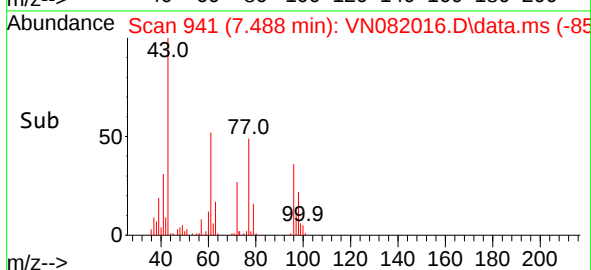
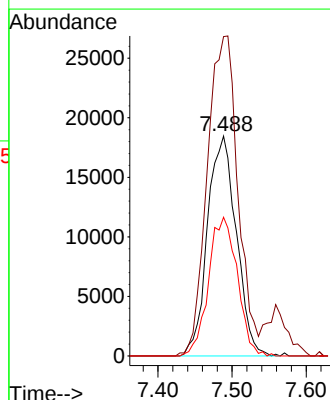
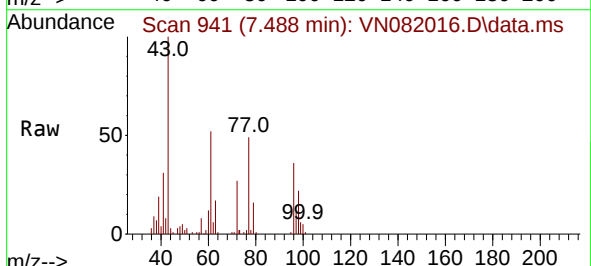
RT: 7.488 min Scan# 941

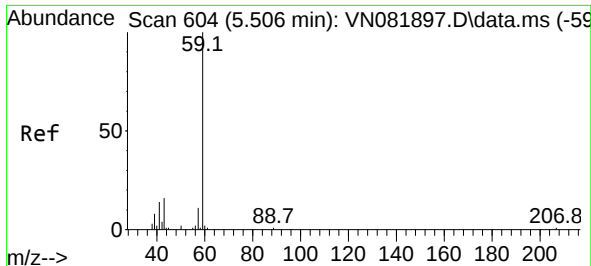
Delta R.T. 0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 49927 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 154.8 | 113.5 | 170.3 |
| 98        | 62.8  | 52.0  | 78.0  |





#23

tert-Butyl Alcohol

Concen: 94.713 ug/l

RT: 5.512 min Scan# 604

Delta R.T. 0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0507WBS01

Tgt Ion: 59 Resp: 43370

Ion Ratio Lower Upper

59 100

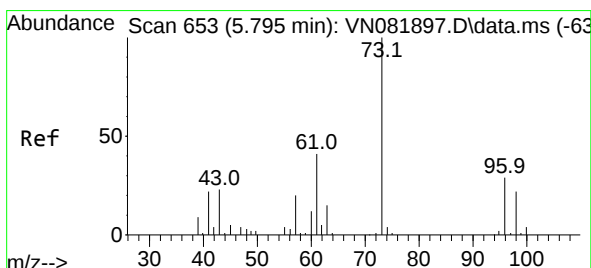
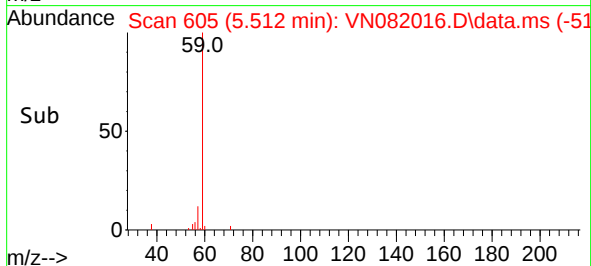
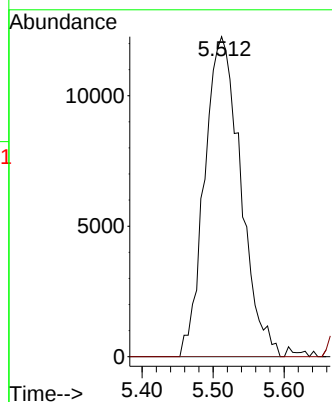
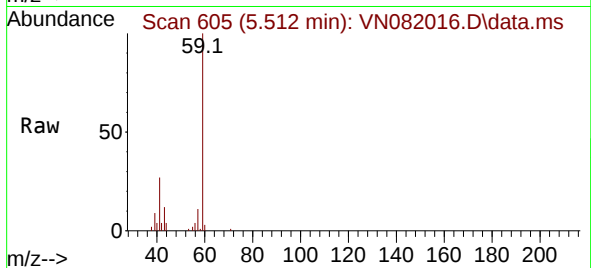
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#24

Methyl tert-Butyl Ether

Concen: 20.363 ug/l

RT: 5.794 min Scan# 653

Delta R.T. -0.000 min

Lab File: VN082016.D

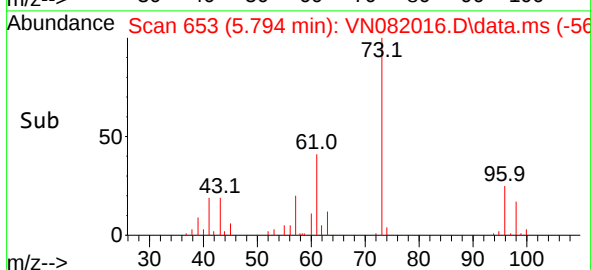
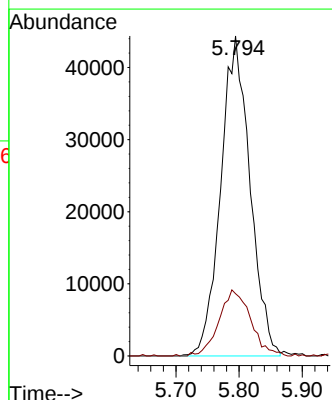
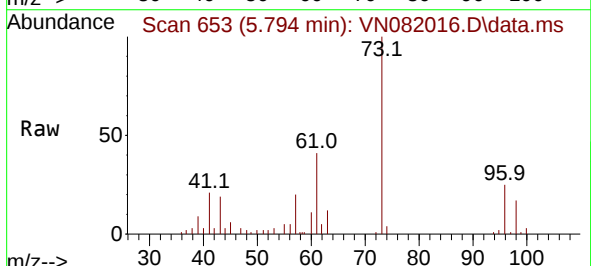
Acq: 07 May 2024 10:06

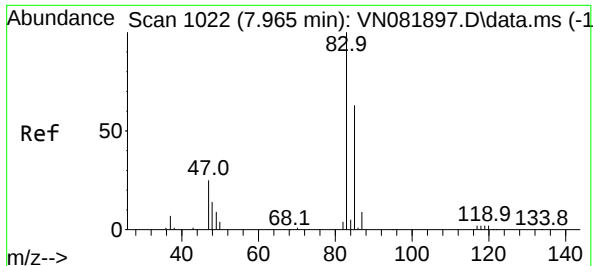
Tgt Ion: 73 Resp: 142811

Ion Ratio Lower Upper

73 100

43 22.1 13.4 20.2#





#25

Chloroform

Concen: 20.502 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0507WBS01

Tgt Ion: 83 Resp: 7891

Ion Ratio Lower Upper

83 100

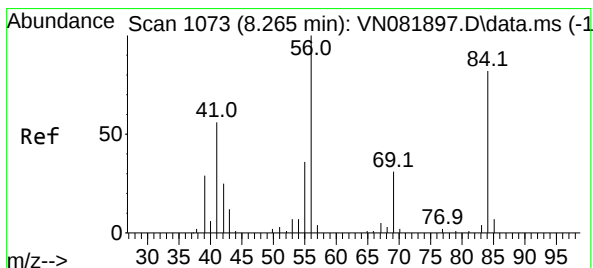
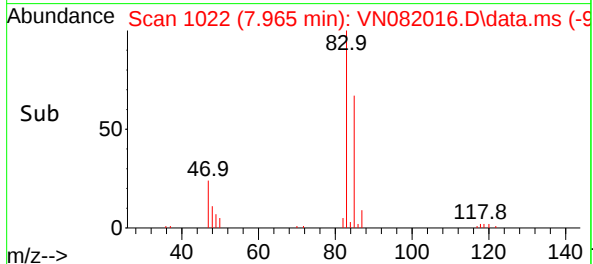
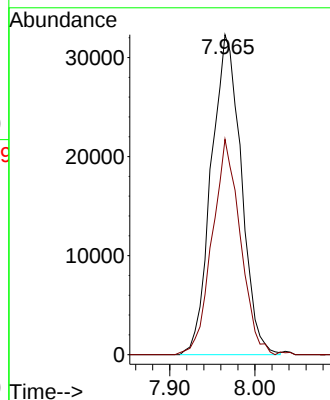
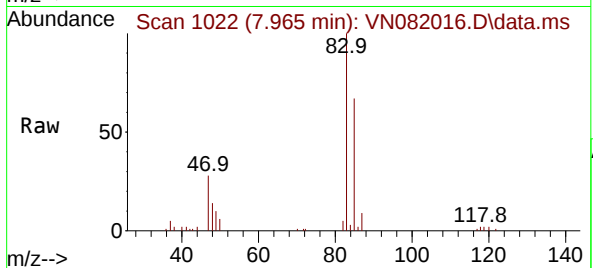
85 66.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#26

Cyclohexane

Concen: 19.689 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

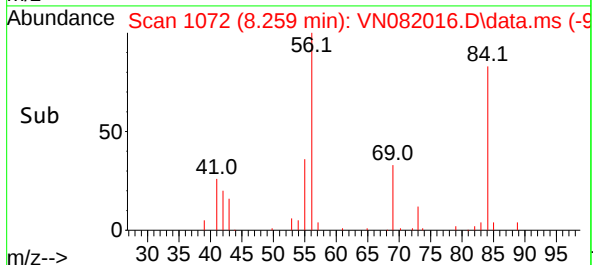
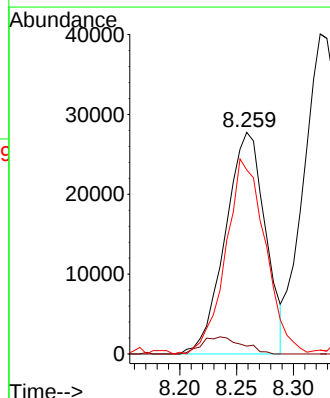
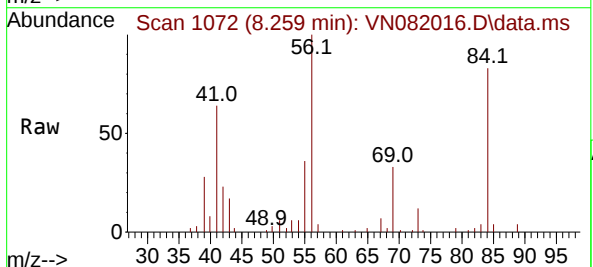
Tgt Ion: 56 Resp: 68122

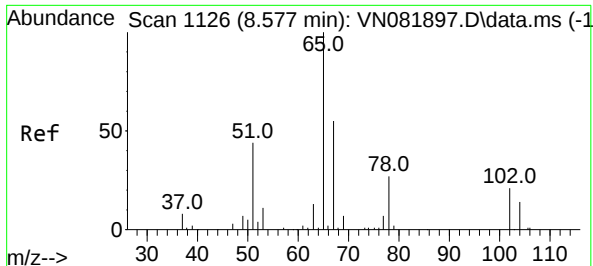
Ion Ratio Lower Upper

56 100

89 7.0 19.3 28.9#

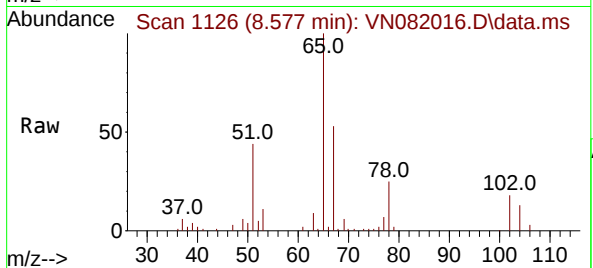
84 86.7 71.3 106.9





#27  
1,2-Dichloroethane-d4  
Concen: 32.599 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

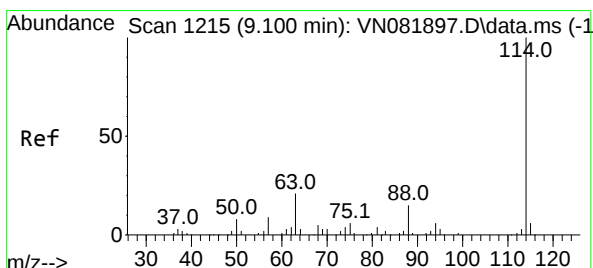
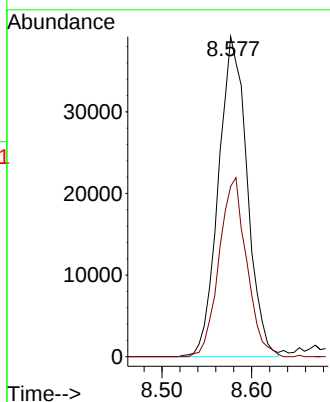
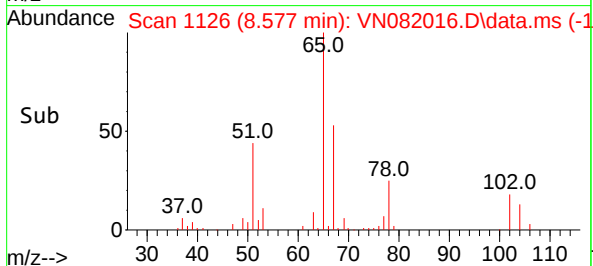
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



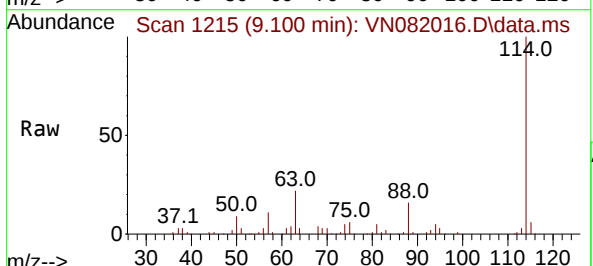
Tgt Ion: 65 Resp: 86992  
Ion Ratio Lower Upper  
65 100  
67 53.7 43.2 64.8

Manual Integrations  
APPROVED

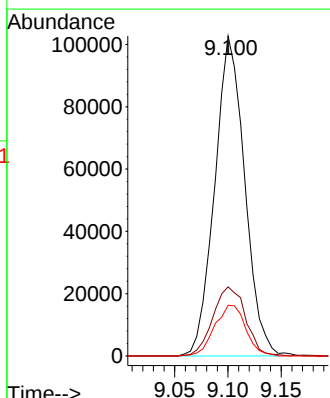
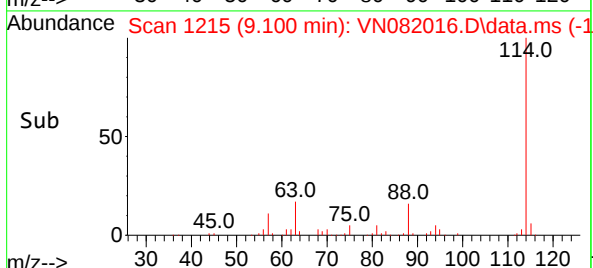
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

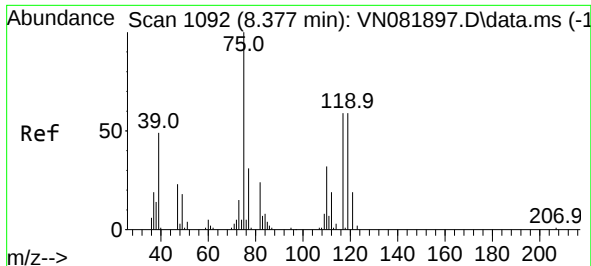


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



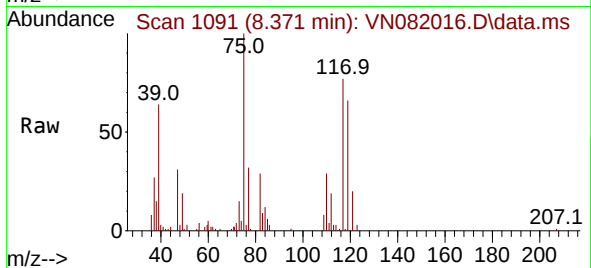
Tgt Ion:114 Resp: 200775  
Ion Ratio Lower Upper  
114 100  
63 23.5 15.9 23.9  
88 16.4 12.7 19.1





#29  
1,1-Dichloropropene  
Concen: 18.369 ug/l  
RT: 8.371 min Scan# 1092  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

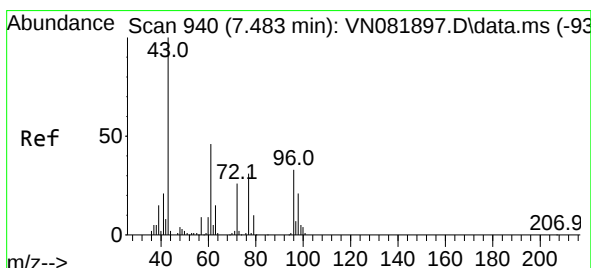
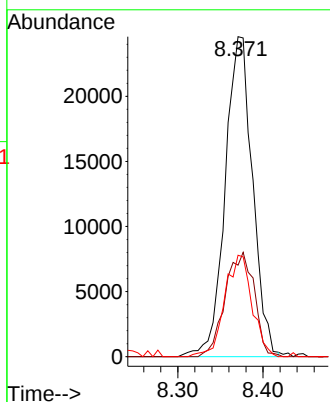
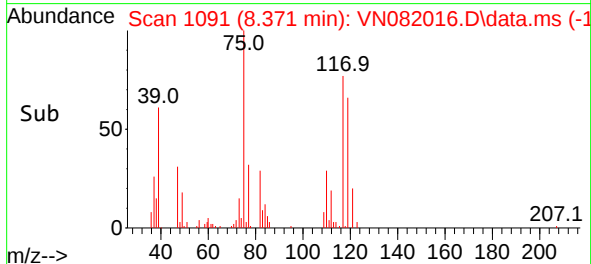
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 75 Resp: 54900  
Ion Ratio Lower Upper  
75 100  
110 34.5 0.0 70.2  
77 31.7 0.0 61.4

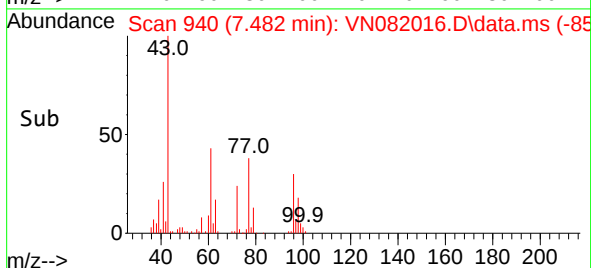
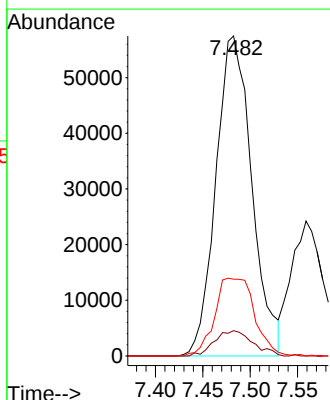
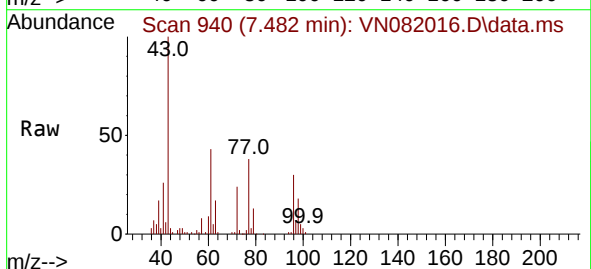
Manual Integrations  
APPROVED

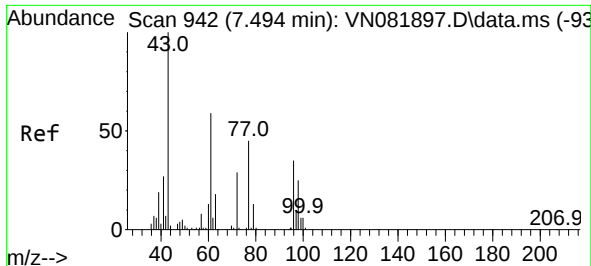
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#30  
2-Butanone  
Concen: 98.685 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

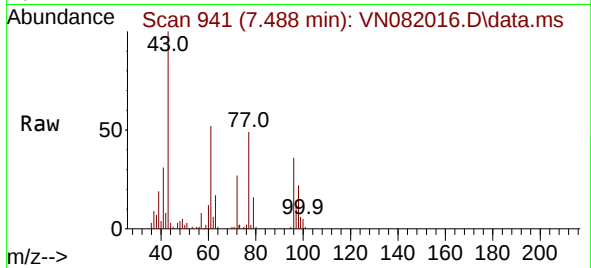
Tgt Ion: 43 Resp: 152051  
Ion Ratio Lower Upper  
43 100  
57 7.8 6.7 10.1  
72 17.3 24.0 36.0#





#31  
2,2-Dichloropropane  
Concen: 22.782 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

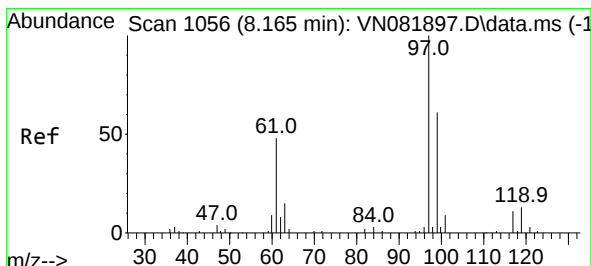
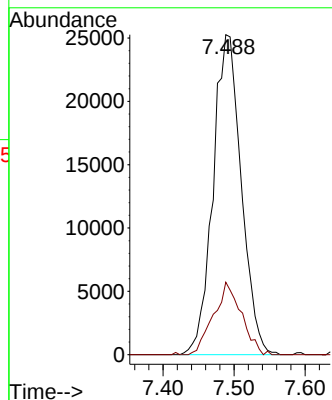
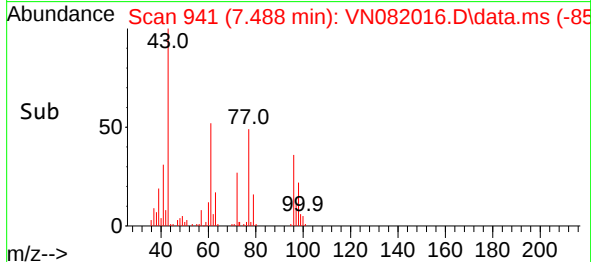
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



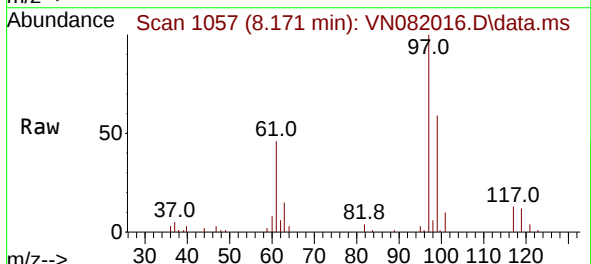
Tgt Ion: 77 Resp: 69784  
Ion Ratio Lower Upper  
77 100  
97 22.1 18.3 27.5

Manual Integrations  
APPROVED

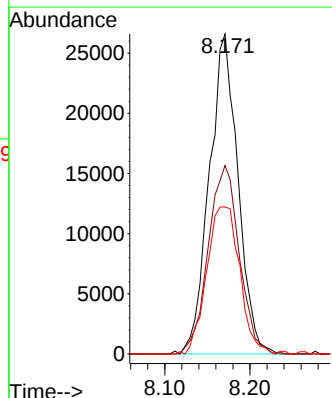
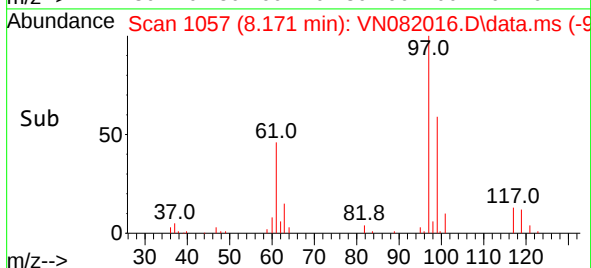
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

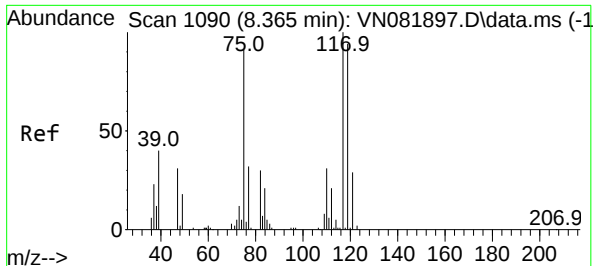


#32  
1,1,1-Trichloroethane  
Concen: 18.090 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



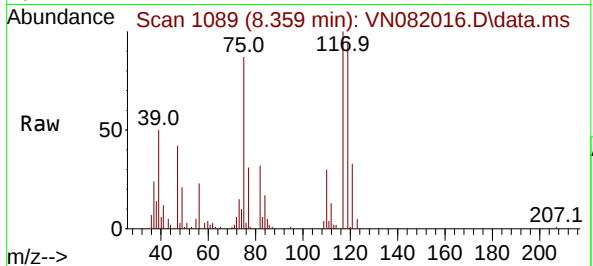
Tgt Ion: 97 Resp: 62187  
Ion Ratio Lower Upper  
97 100  
99 63.6 51.0 76.4  
61 52.7 33.8 50.8#





#33  
Carbon Tetrachloride  
Concen: 17.692 ug/l  
RT: 8.359 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

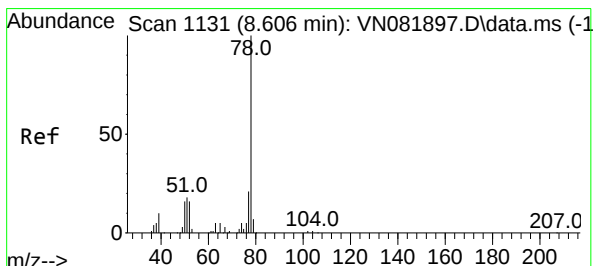
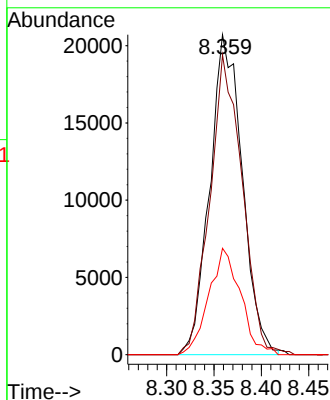
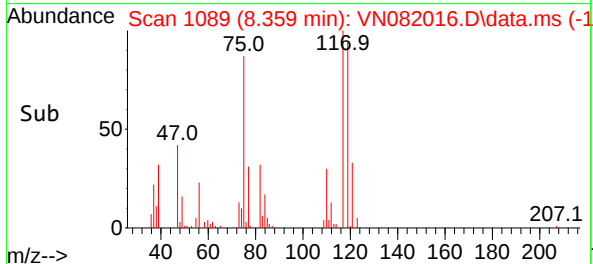
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



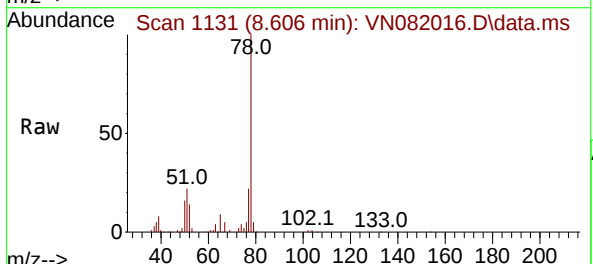
Tgt Ion: 117 Resp: 4935  
Ion Ratio Lower Upper  
117 100  
119 93.7 77.7 116.5  
121 33.3 27.0 40.6

Manual Integrations  
APPROVED

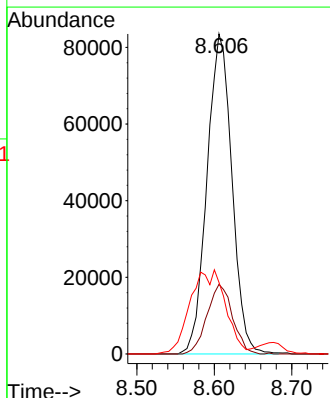
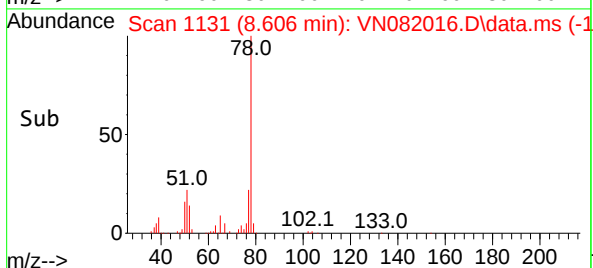
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

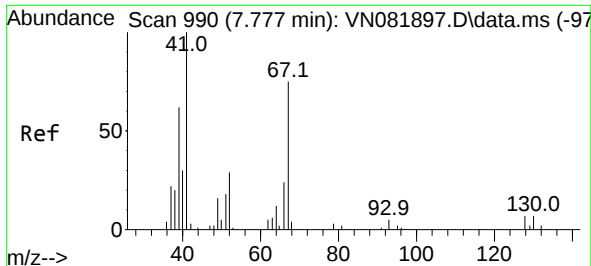


#34  
Benzene  
Concen: 19.626 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



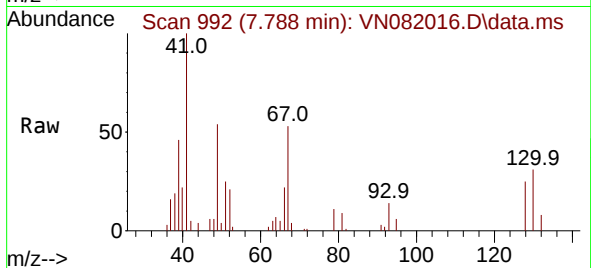
Tgt Ion: 78 Resp: 187145  
Ion Ratio Lower Upper  
78 100  
77 21.8 19.2 28.8  
51 19.1 13.3 19.9





#35  
Methacrylonitrile  
Concen: 17.434 ug/l  
RT: 7.788 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

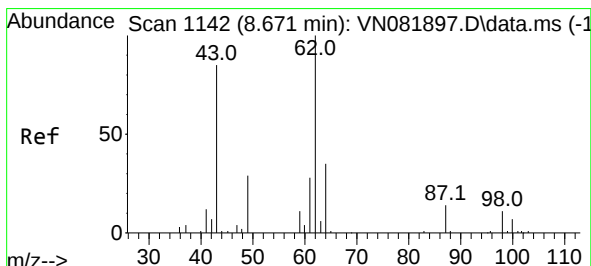
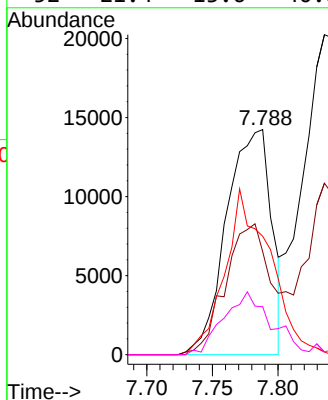
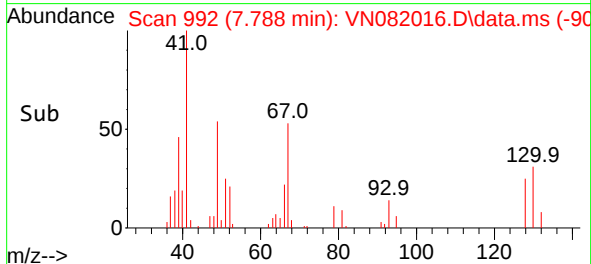
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



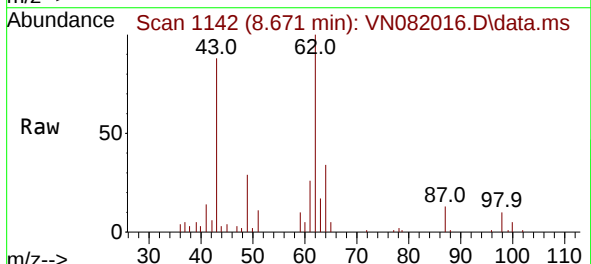
Tgt Ion: 41 Resp: 33984  
Ion Ratio Lower Upper  
41 100  
39 45.7 25.3 75.9  
67 52.6 38.7 116.1  
52 21.4 13.6 40.8

Manual Integrations  
APPROVED

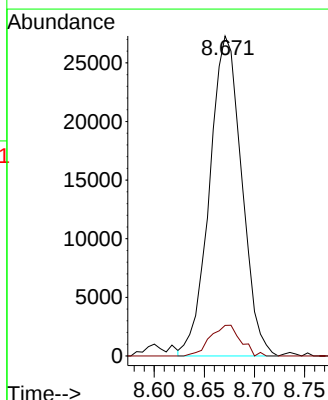
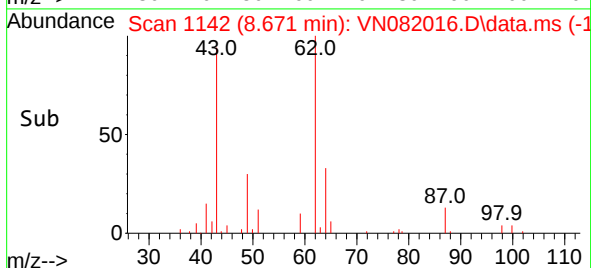
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

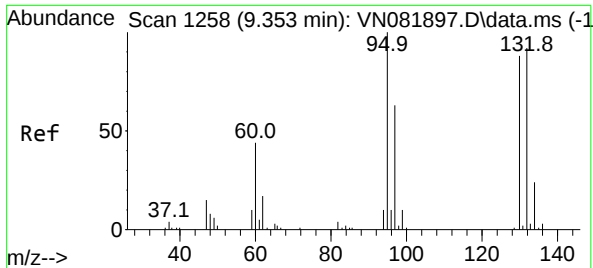


#36  
1,2-Dichloroethane  
Concen: 19.041 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



Tgt Ion: 62 Resp: 60951  
Ion Ratio Lower Upper  
62 100  
98 8.9 8.2 12.4





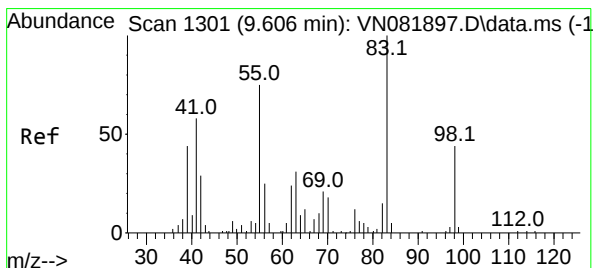
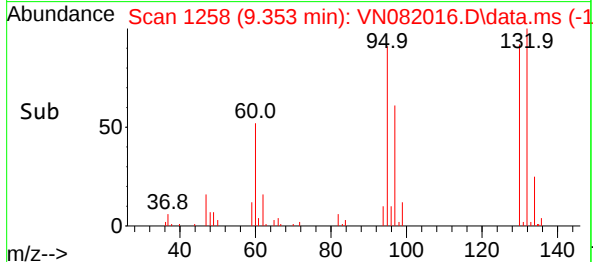
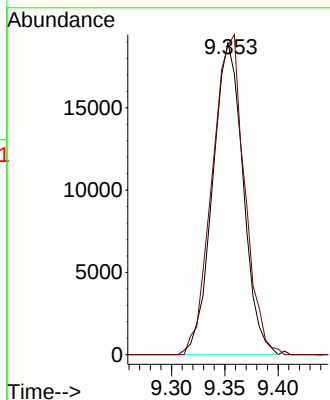
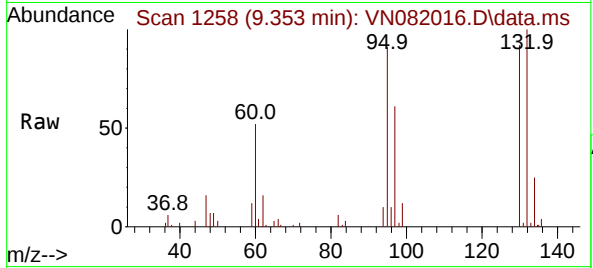
#37  
Trichloroethene  
Concen: 16.146 ug/l  
RT: 9.353 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:130 Resp: 3771  
Ion Ratio Lower Upper  
130 100  
95 99.1 80.2 120.4

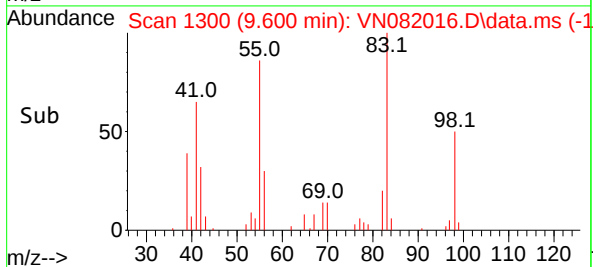
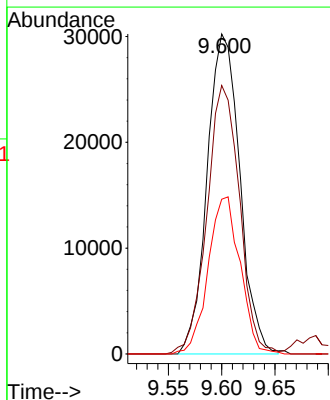
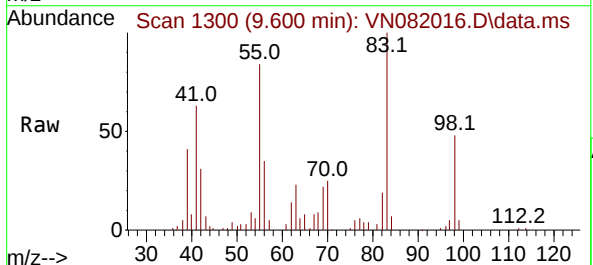
Manual Integrations  
APPROVED

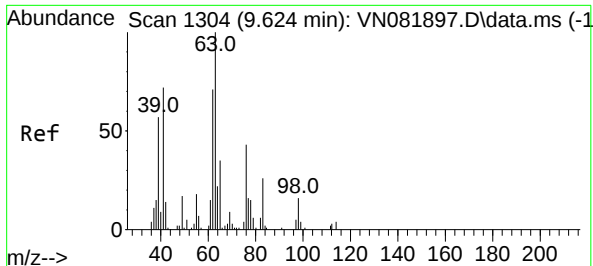
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#38  
Methylcyclohexane  
Concen: 17.846 ug/l  
RT: 9.600 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

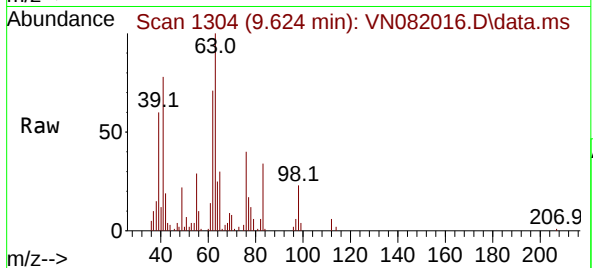
Tgt Ion: 83 Resp: 64438  
Ion Ratio Lower Upper  
83 100  
55 83.5 36.6 109.9  
98 48.0 23.8 71.5





#39  
1,2-Dichloropropane  
Concen: 19.411 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

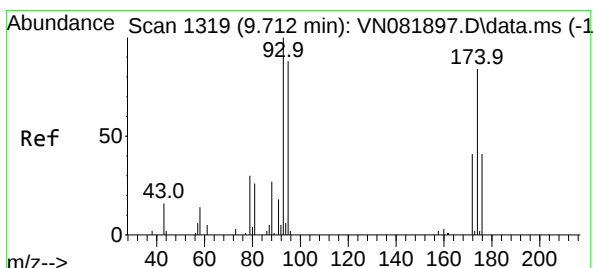
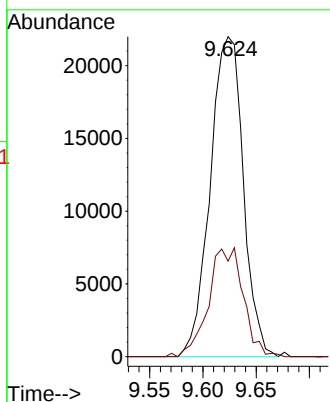
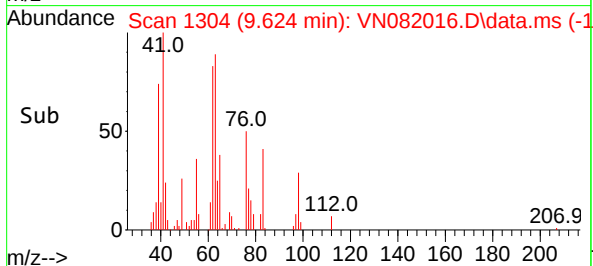
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 63 Resp: 47494  
Ion Ratio Lower Upper  
63 100  
65 29.9 25.0 37.4

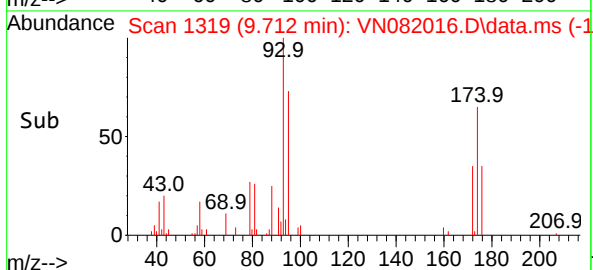
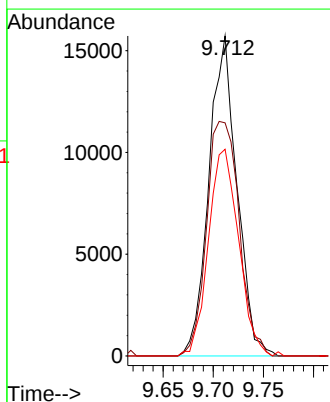
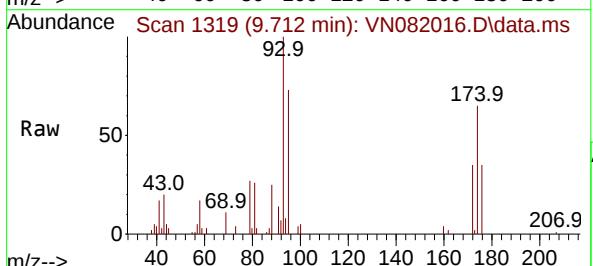
Manual Integrations  
APPROVED

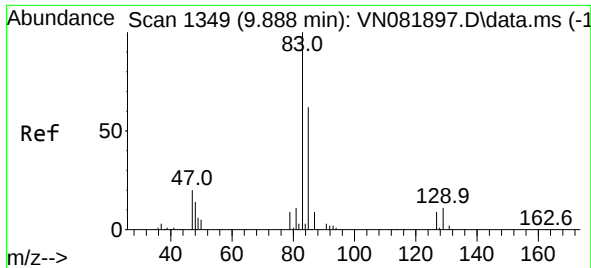
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#40  
Dibromomethane  
Concen: 19.476 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

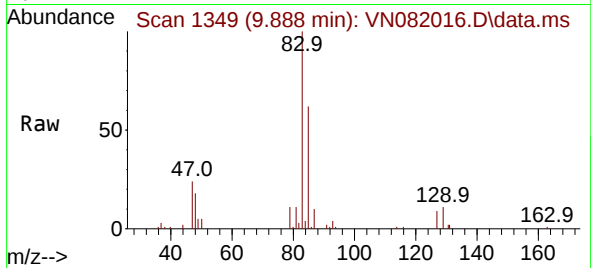
Tgt Ion: 93 Resp: 30614  
Ion Ratio Lower Upper  
93 100  
95 85.2 0.0 164.6  
174 69.4 0.0 193.2





#41  
Bromodichloromethane  
Concen: 18.597 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

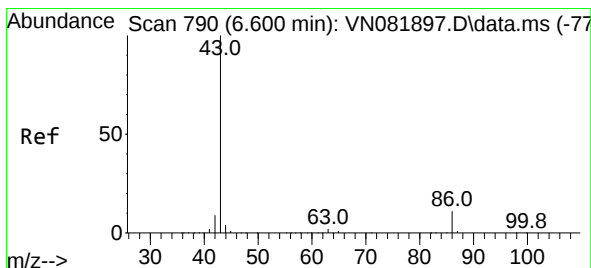
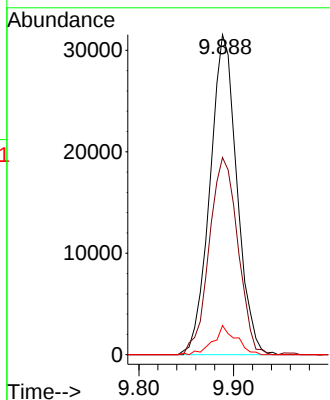
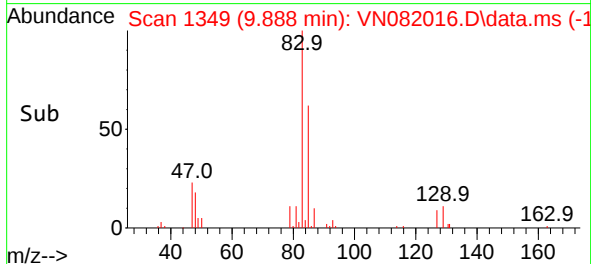
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 83 Resp: 62479  
Ion Ratio Lower Upper  
83 100  
85 61.6 49.4 74.2  
127 9.1 7.3 10.9

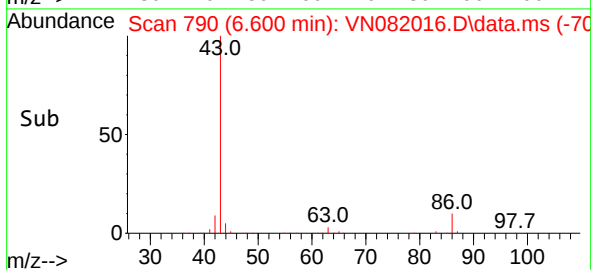
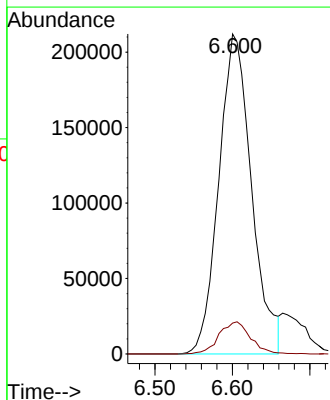
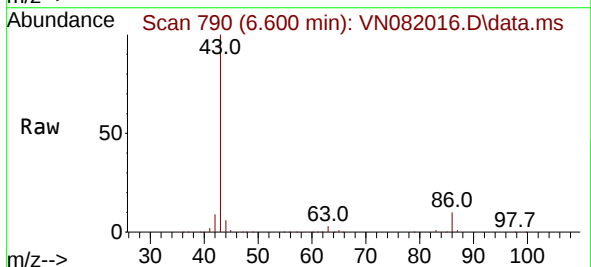
Manual Integrations  
APPROVED

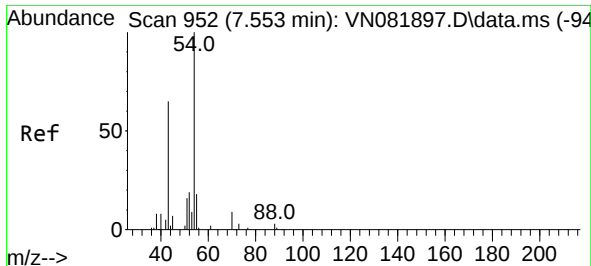
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#42  
Vinyl Acetate  
Concen: 95.042 ug/l  
RT: 6.600 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

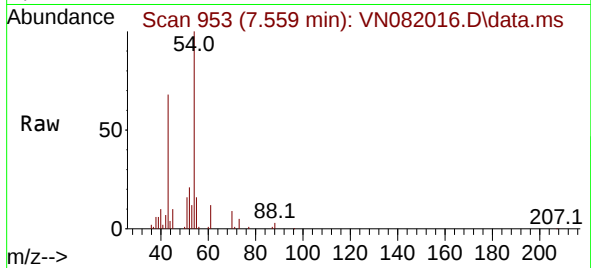
Tgt Ion: 43 Resp: 623287  
Ion Ratio Lower Upper  
43 100  
86 9.7 9.4 14.2





#43  
Ethyl Acetate  
Concen: 17.882 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

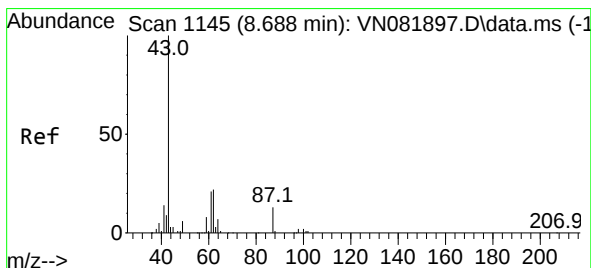
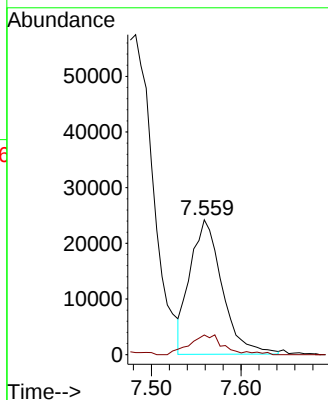
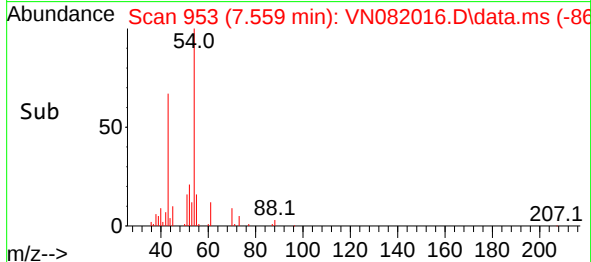
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 43 Resp: 60072  
Ion Ratio Lower Upper  
43 100  
45 9.7 10.6 15.8

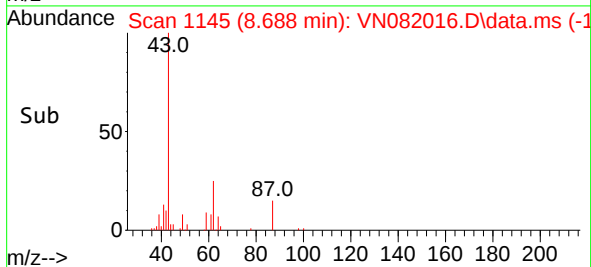
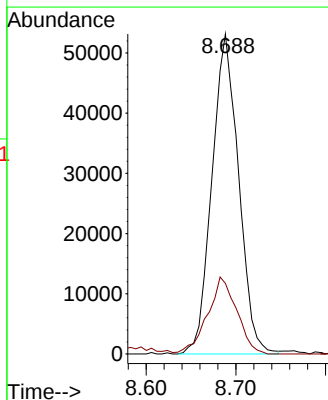
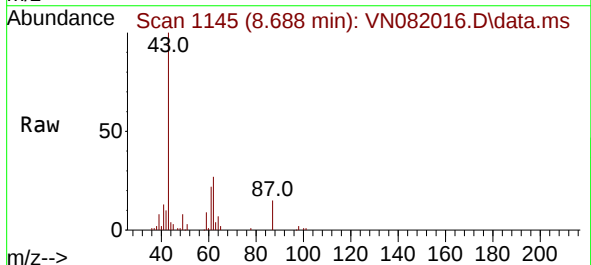
Manual Integrations  
APPROVED

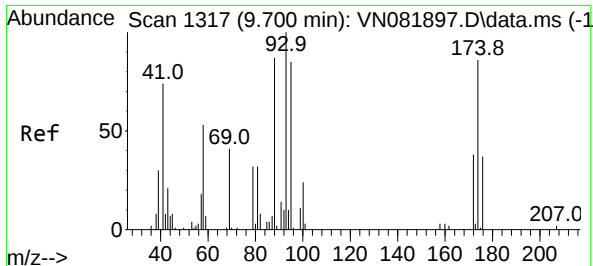
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#44  
Isopropyl Acetate  
Concen: 18.396 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

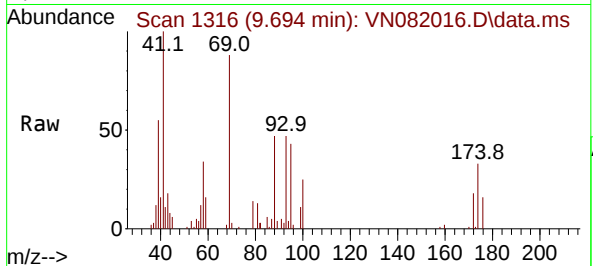
Tgt Ion: 43 Resp: 109712  
Ion Ratio Lower Upper  
43 100  
61 26.3 25.0 37.4





#45  
1,4-Dioxane  
Concen: 342.049 ug/l  
RT: 9.694 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

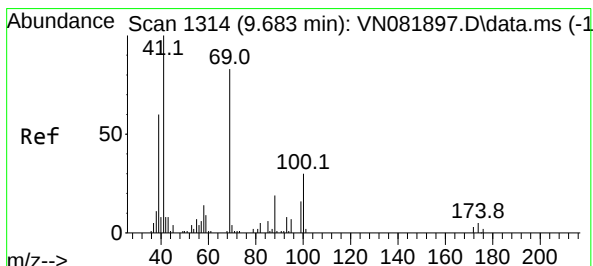
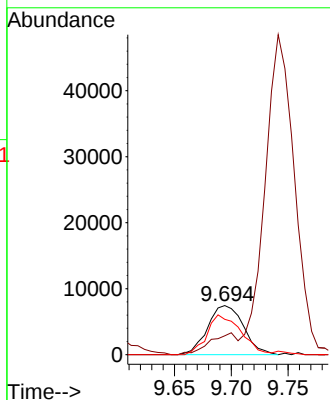
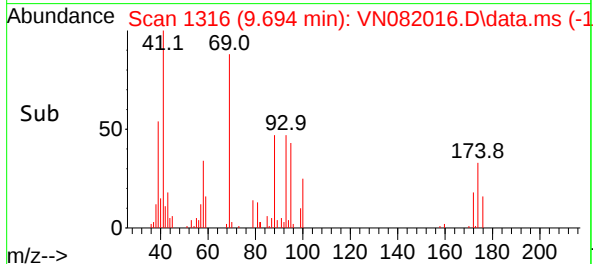
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 88 Resp: 16360  
Ion Ratio Lower Upper  
88 100  
43 34.0 19.8 29.6  
58 76.4 55.4 83.0

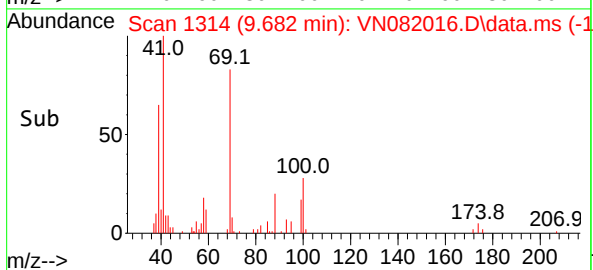
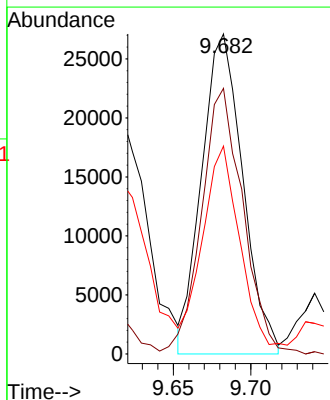
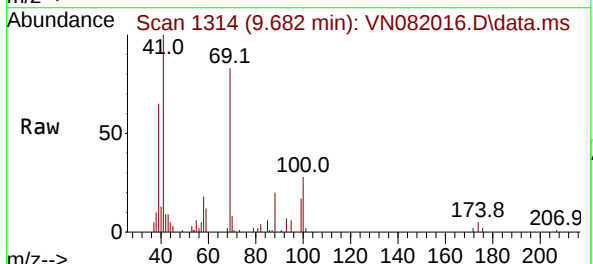
Manual Integrations  
APPROVED

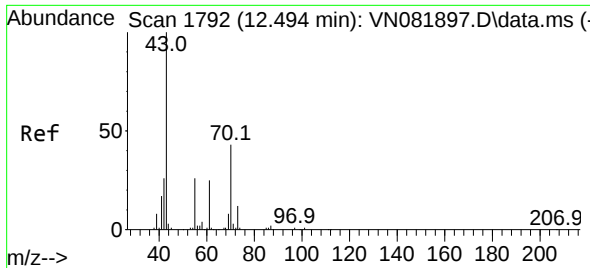
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#46  
Methyl methacrylate  
Concen: 18.320 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

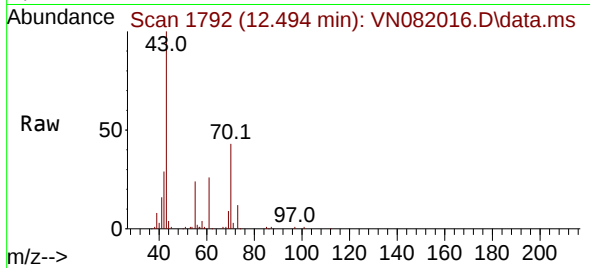
Tgt Ion: 41 Resp: 49918  
Ion Ratio Lower Upper  
41 100  
69 83.4 51.1 153.3  
39 61.1 25.8 77.3





#47  
n-amy1 Acetate  
Concen: 18.660 ug/l m  
RT: 12.494 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

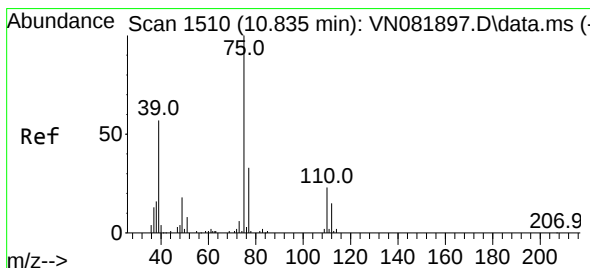
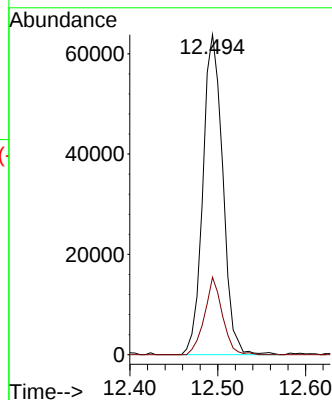
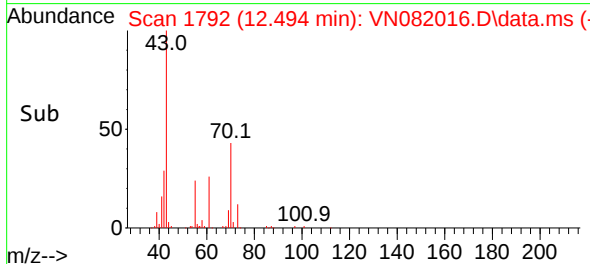
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 43 Resp: 100370  
Ion Ratio Lower Upper  
43 100  
55 0.1 23.4 35.2

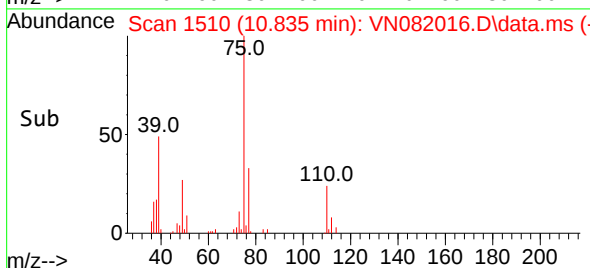
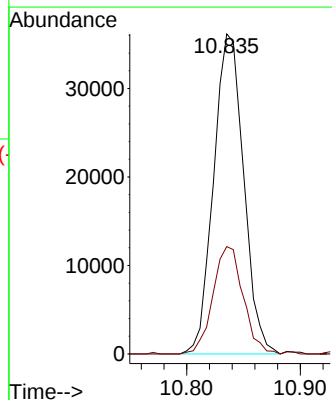
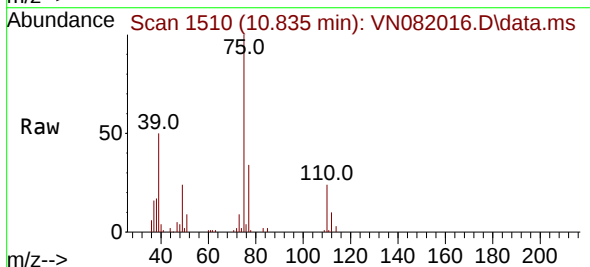
Manual Integrations  
APPROVED

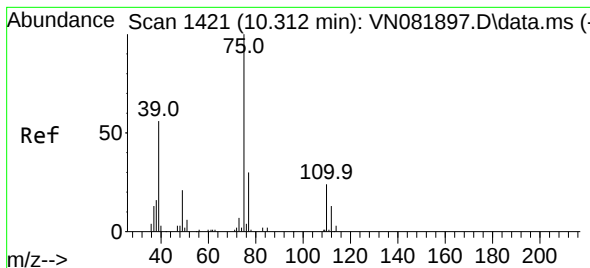
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#48  
t-1,3-Dichloropropene  
Concen: 18.261 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 75 Resp: 66531  
Ion Ratio Lower Upper  
75 100  
77 33.6 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 19.370 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0507WBS01

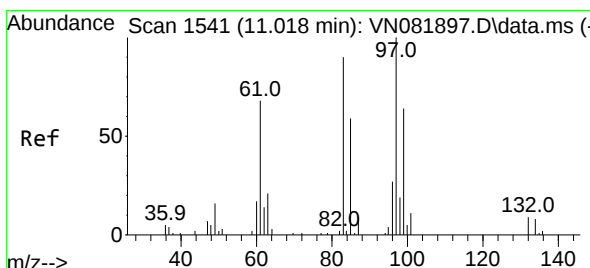
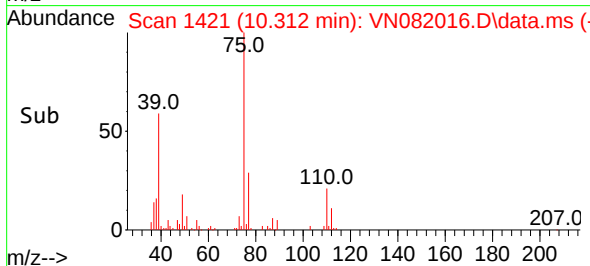
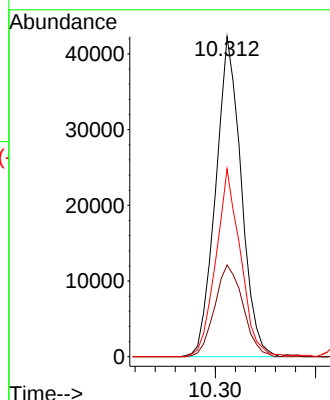
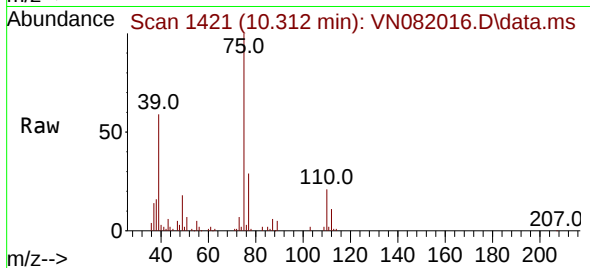
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 7461  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 28.7     | 24.9 37.3   |
| 39 58.7     | 31.0 46.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2024

Supervised By :Mahesh Dadoda 05/08/2024



#50

1,1,2-Trichloroethane

Concen: 18.739 ug/l

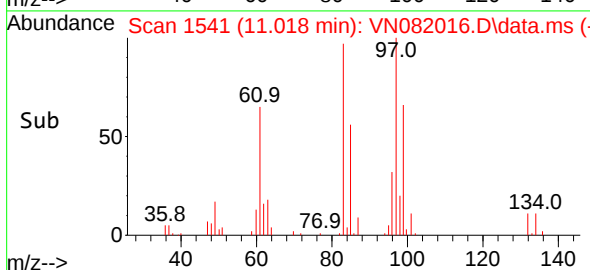
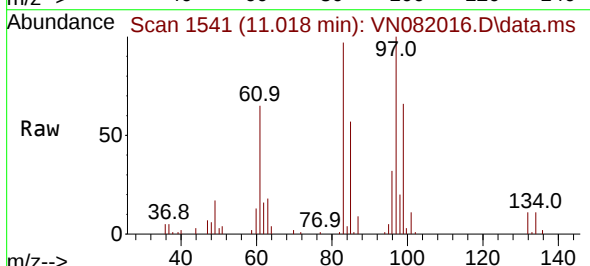
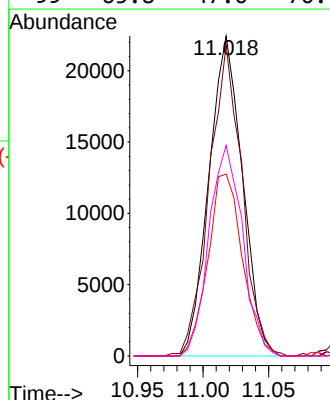
RT: 11.018 min Scan# 1541

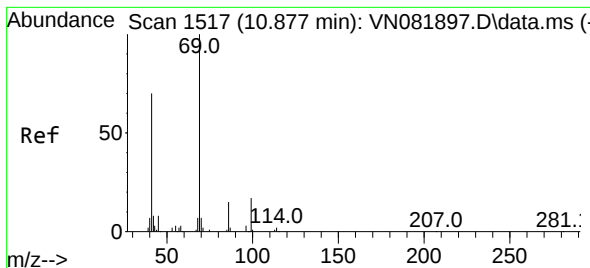
Delta R.T. -0.000 min

Lab File: VN082016.D

Acq: 07 May 2024 10:06

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 39961 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 96.5     | 68.1 102.1  |
| 85 56.8     | 41.8 62.6   |
| 99 65.8     | 47.0 70.4   |





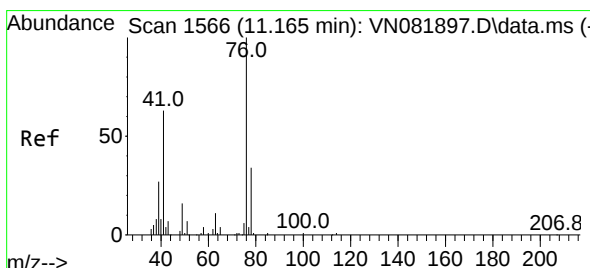
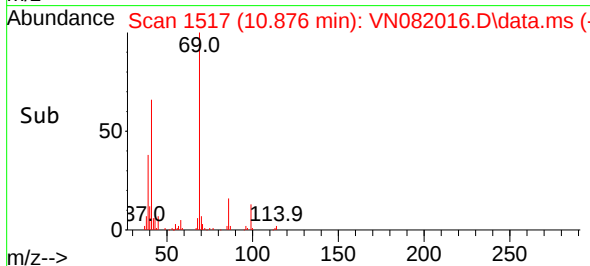
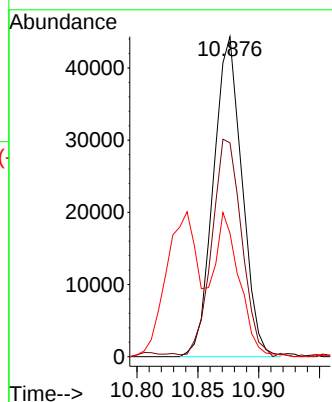
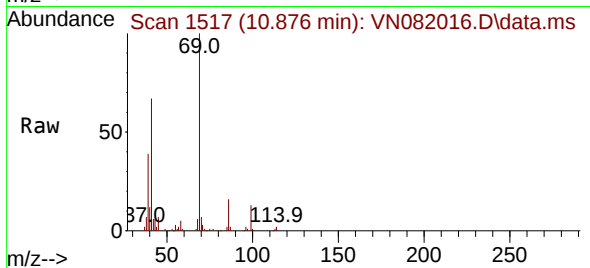
#51  
Ethyl methacrylate  
Concen: 18.009 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion: 69 Resp: 72484  
Ion Ratio Lower Upper  
69 100  
41 66.3 25.5 76.5  
39 37.9 16.0 47.9

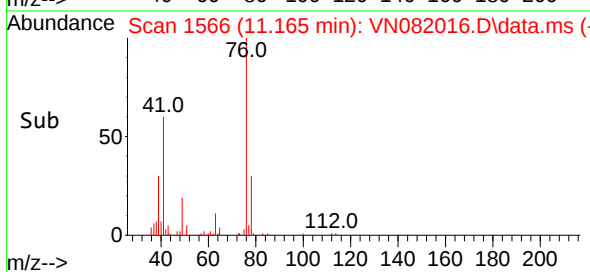
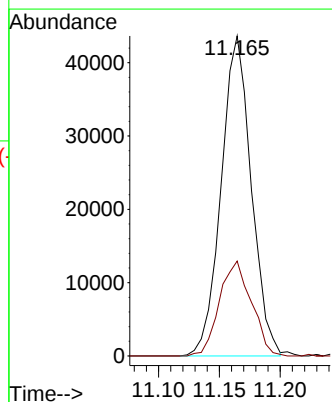
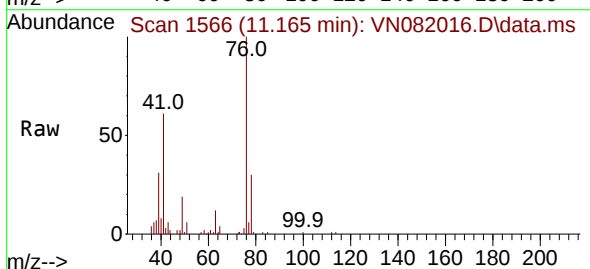
Manual Integrations  
APPROVED

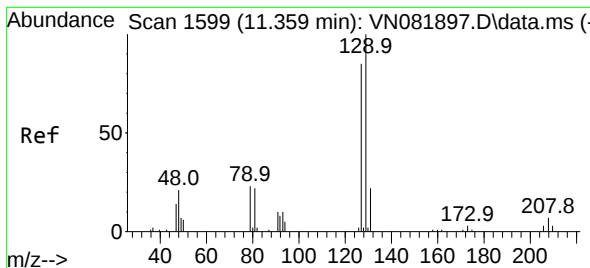
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#52  
1,3-Dichloropropane  
Concen: 19.151 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 76 Resp: 75032  
Ion Ratio Lower Upper  
76 100  
78 31.5 0.0 65.8





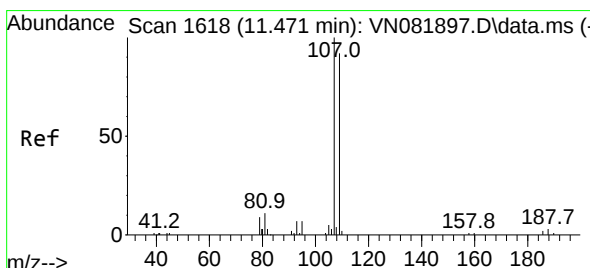
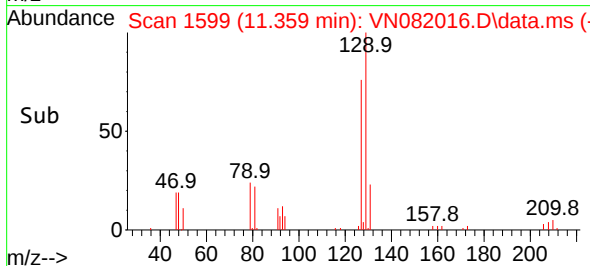
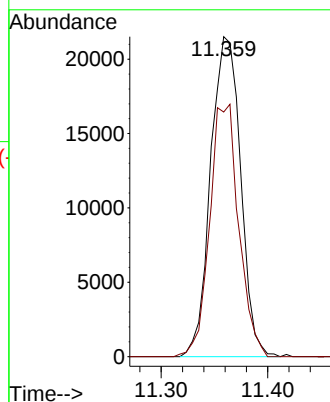
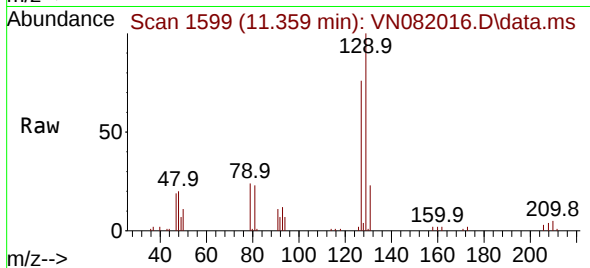
#53  
Dibromochloromethane  
Concen: 18.139 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:129 Resp: 4208  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.4 118.1

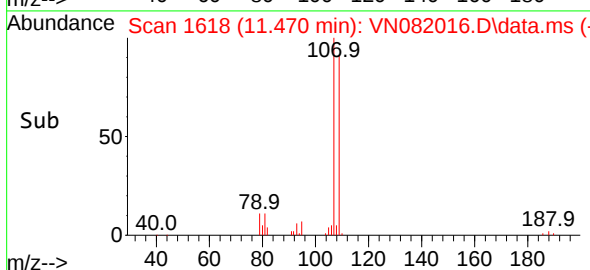
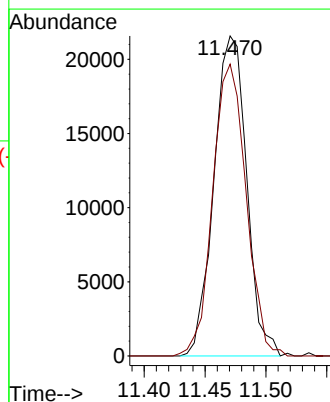
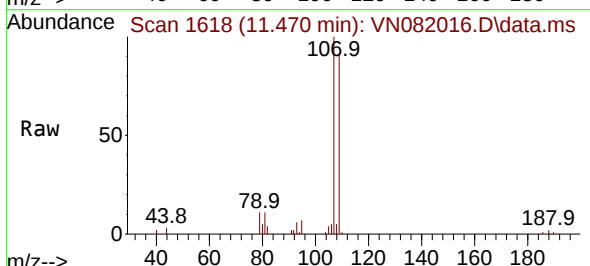
Manual Integrations  
APPROVED

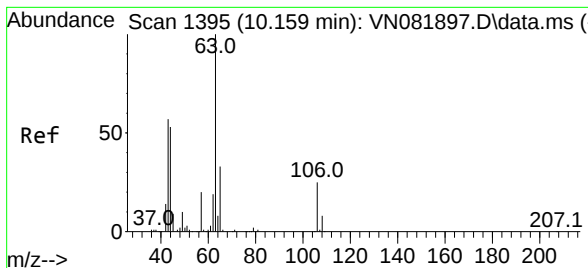
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#54  
1,2-Dibromoethane  
Concen: 18.968 ug/l  
RT: 11.470 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

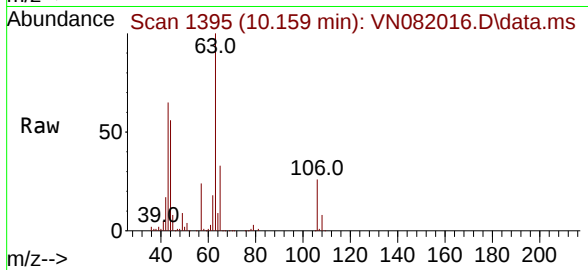
Tgt Ion:107 Resp: 40341  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.7 112.1





#55  
2-Chloroethyl vinyl ether  
Concen: 89.655 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

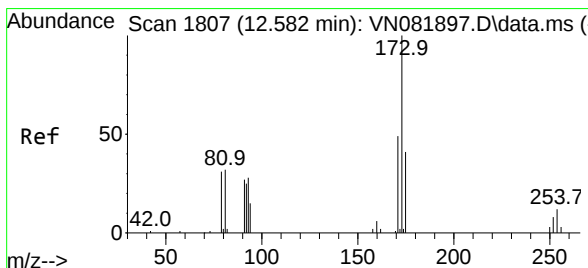
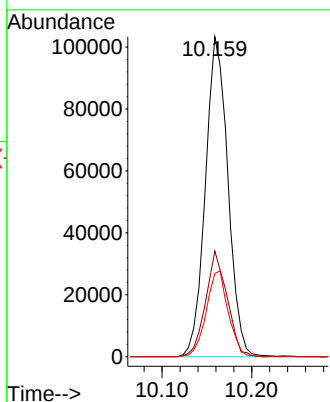
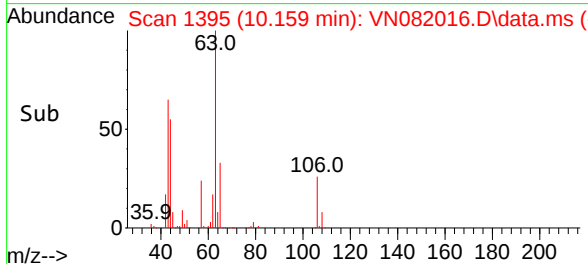
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 63 Resp: 18044  
Ion Ratio Lower Upper  
63 100  
65 31.4 26.2 39.2  
106 26.1 23.8 35.8

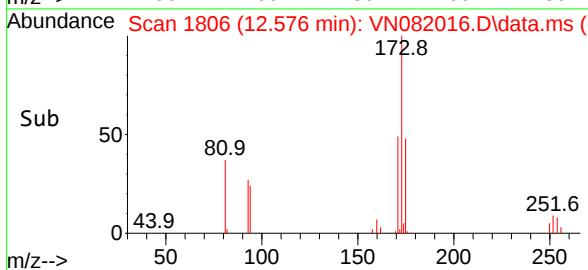
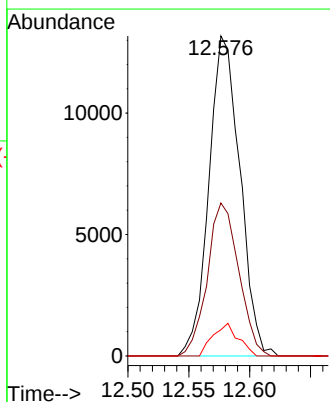
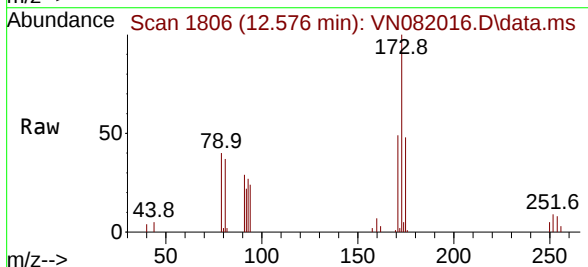
Manual Integrations  
APPROVED

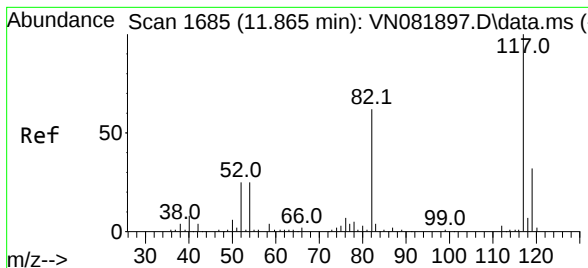
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#56  
Bromoform  
Concen: 16.569 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion:173 Resp: 23398  
Ion Ratio Lower Upper  
173 100  
175 48.3 40.0 60.0  
254 8.3 8.3 12.5





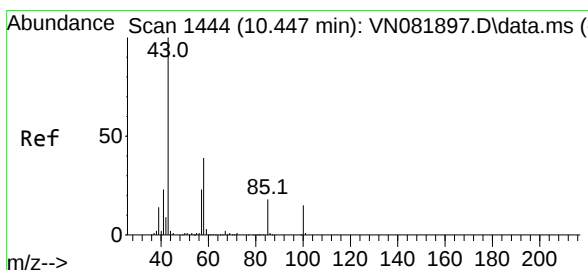
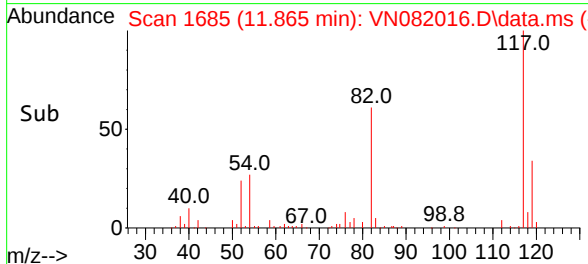
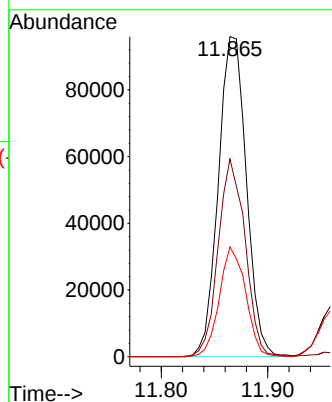
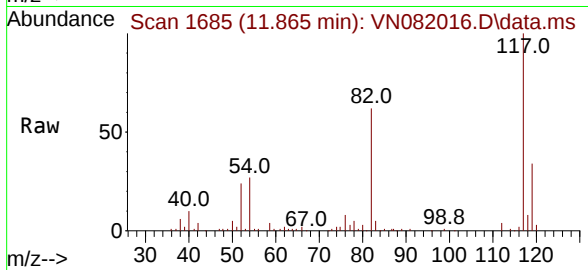
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:117 Resp: 175268  
Ion Ratio Lower Upper  
117 100  
82 59.4 46.6 69.8  
119 32.2 25.4 38.2

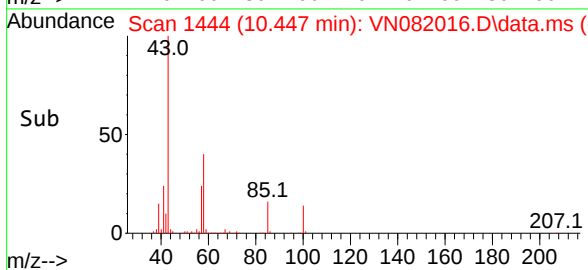
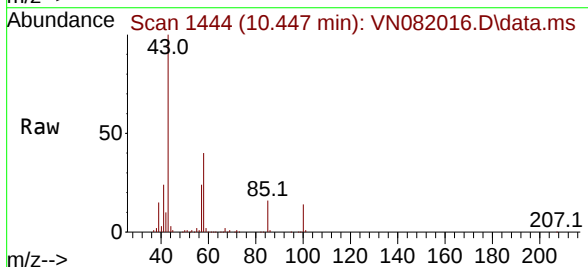
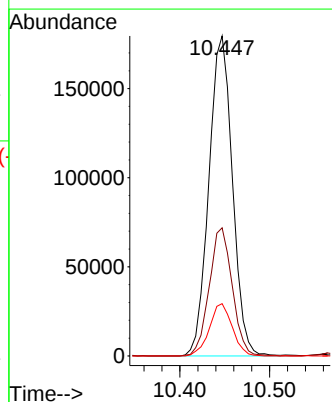
Manual Integrations  
APPROVED

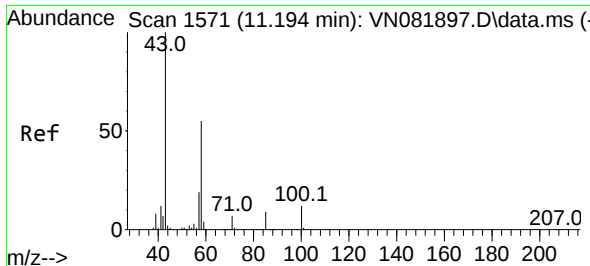
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#58  
4-Methyl-2-Pentanone  
Concen: 96.180 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

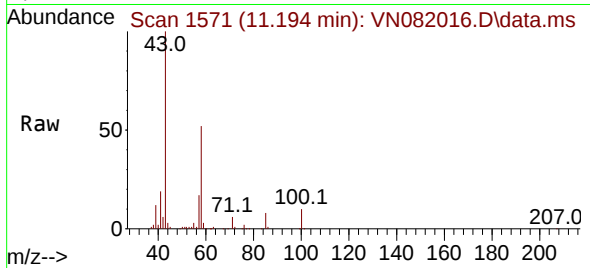
Tgt Ion: 43 Resp: 327319  
Ion Ratio Lower Upper  
43 100  
58 39.1 36.5 54.7  
85 15.9 19.5 29.3#





#59  
2-Hexanone  
Concen: 101.214 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

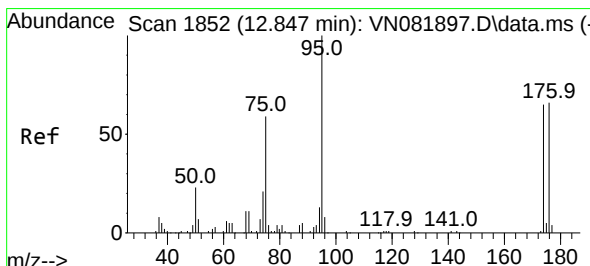
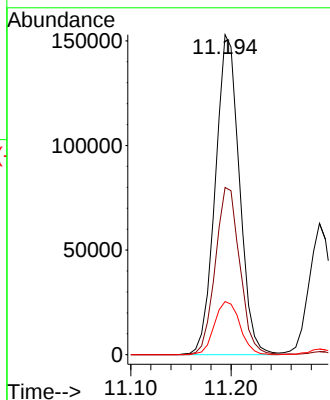
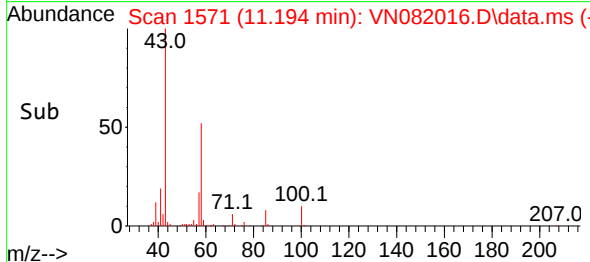
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



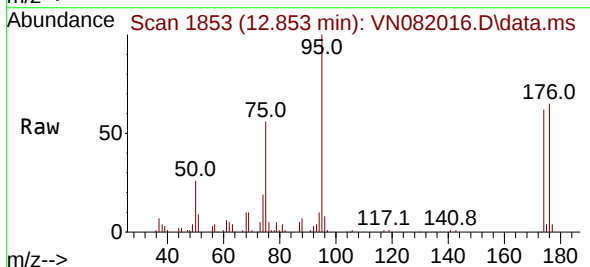
Tgt Ion: 43 Resp: 255389  
Ion Ratio Lower Upper  
43 100  
58 53.1 50.4 75.6  
57 17.5 18.6 27.8

Manual Integrations  
APPROVED

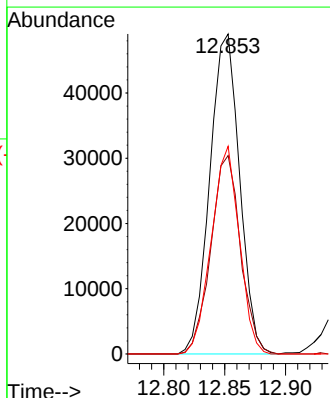
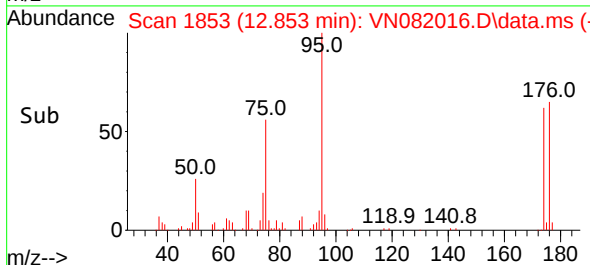
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

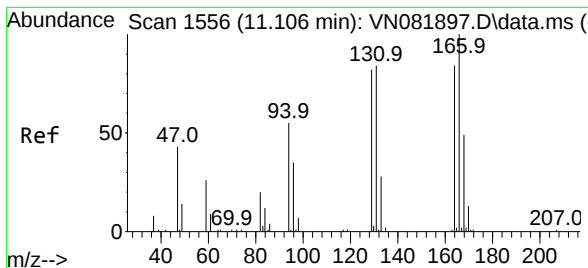


#60  
4-Bromofluorobenzene  
Concen: 28.629 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



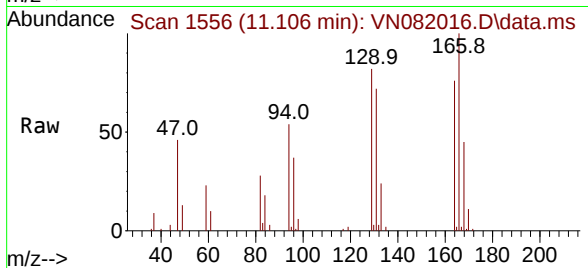
Tgt Ion: 95 Resp: 83506  
Ion Ratio Lower Upper  
95 100  
174 61.8 60.5 90.7  
176 61.1 57.8 86.6





#61  
Tetrachloroethene  
Concen: 15.950 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

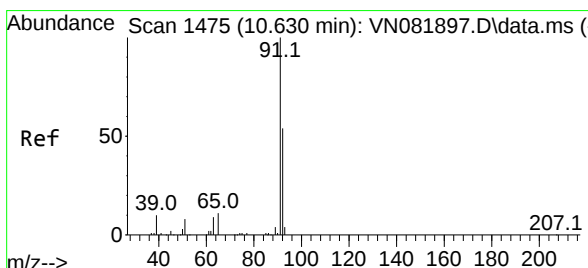
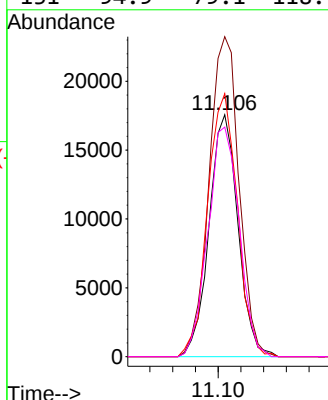
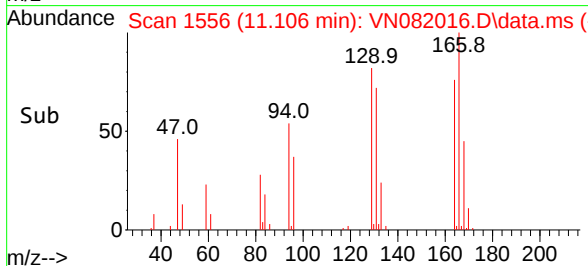
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



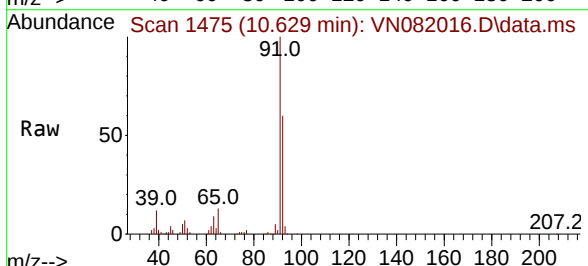
Tgt Ion:164 Resp: 31020  
Ion Ratio Lower Upper  
164 100  
166 132.3 106.7 160.1  
129 108.7 85.8 128.6  
131 94.9 79.1 118.7

Manual Integrations  
APPROVED

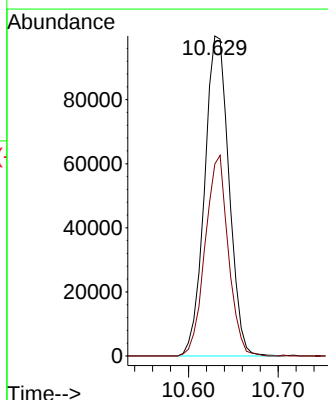
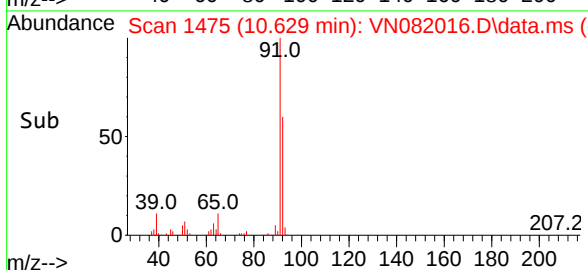
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

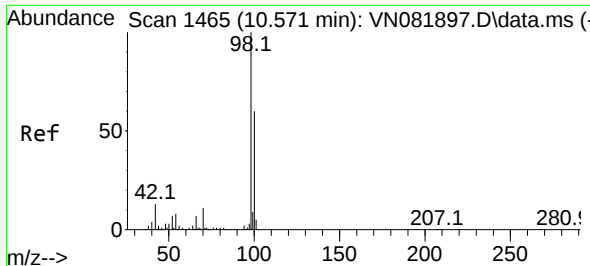


#62  
Toluene  
Concen: 19.114 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



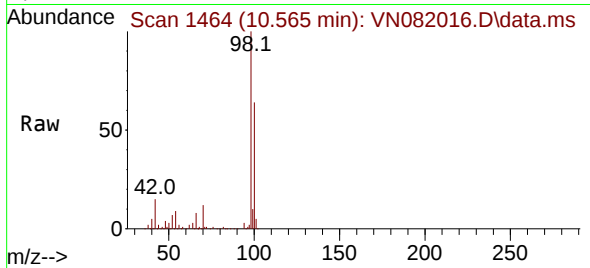
Tgt Ion: 91 Resp: 188493  
Ion Ratio Lower Upper  
91 100  
92 59.5 46.5 69.7





#63  
Toluene-d8  
Concen: 30.763 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

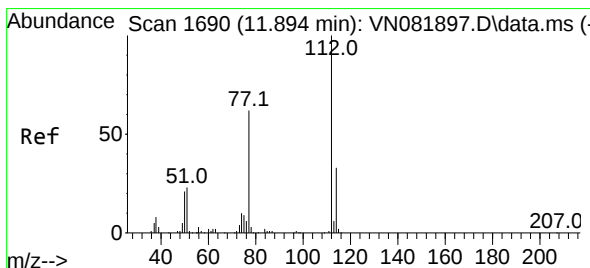
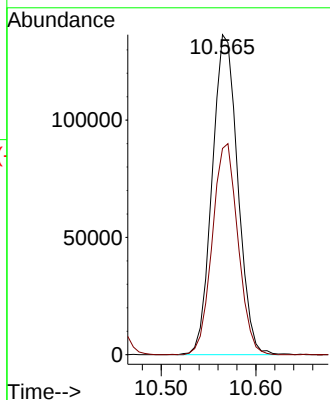
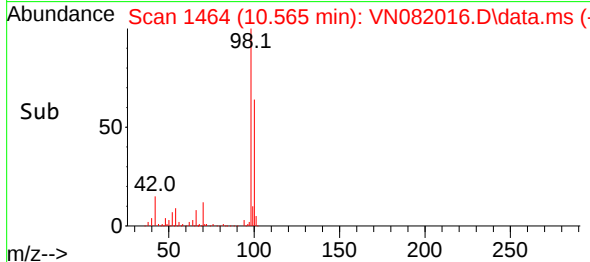
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 98 Resp: 256055  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.7 79.1

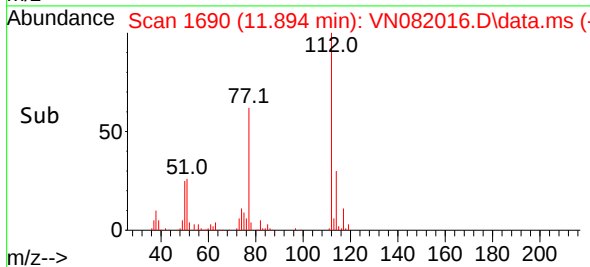
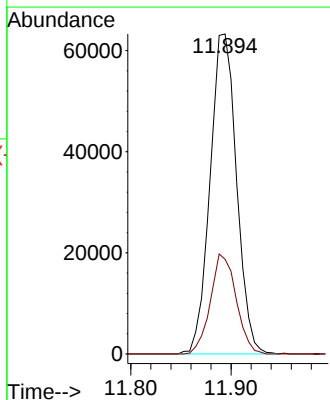
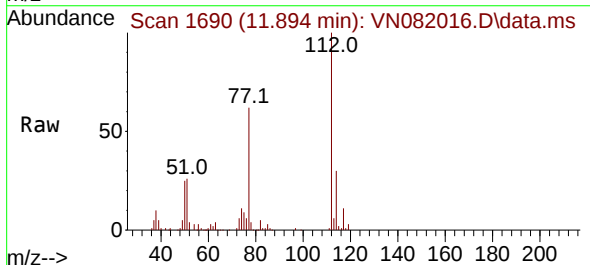
Manual Integrations  
APPROVED

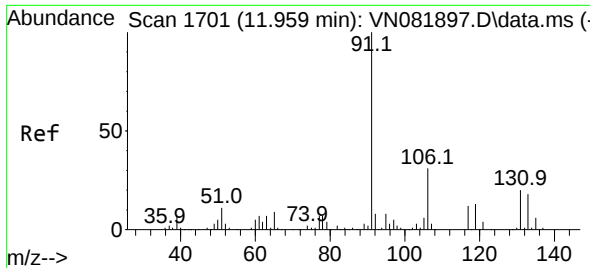
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#64  
Chlorobenzene  
Concen: 19.241 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion:112 Resp: 116055  
Ion Ratio Lower Upper  
112 100  
114 29.6 26.6 39.8





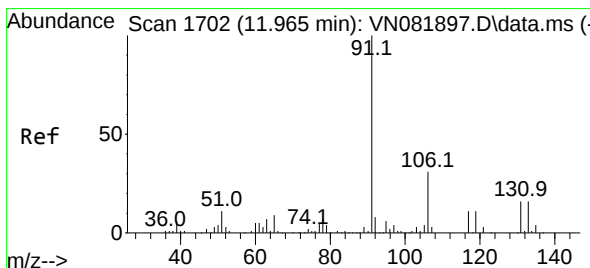
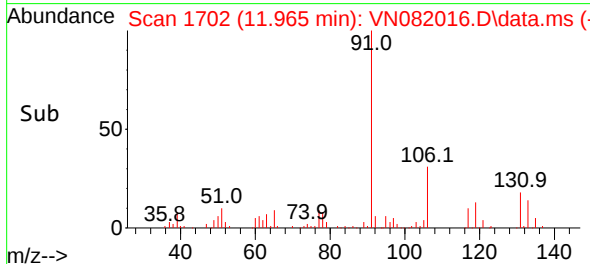
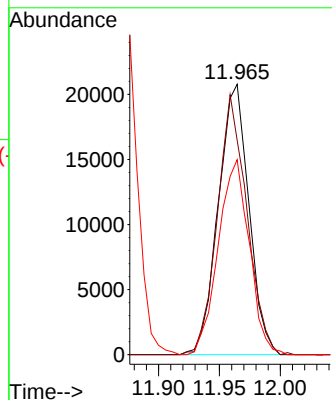
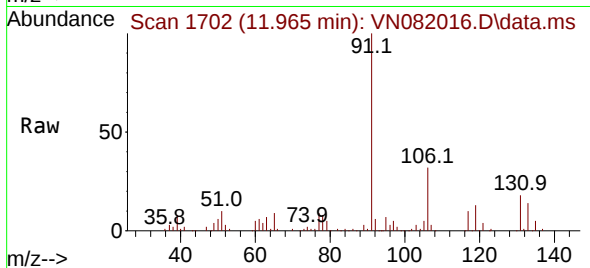
#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.355 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:131 Resp: 36230  
Ion Ratio Lower Upper  
131 100  
133 92.5 0.0 188.0  
119 73.2 0.0 122.8

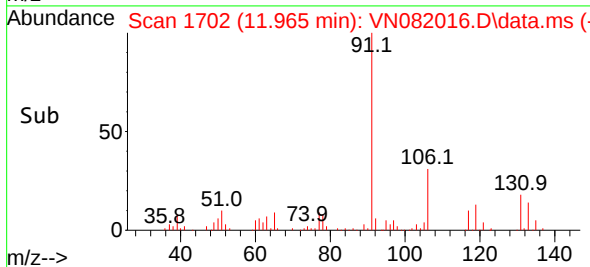
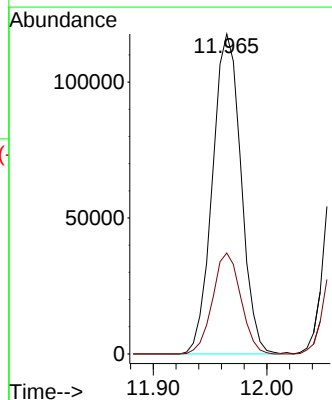
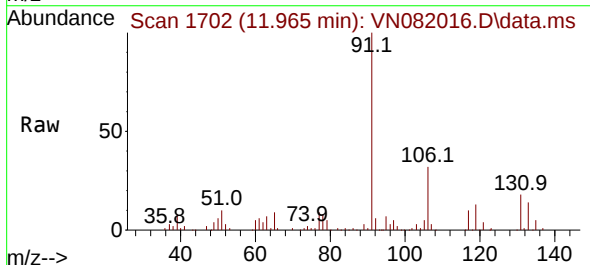
Manual Integrations  
APPROVED

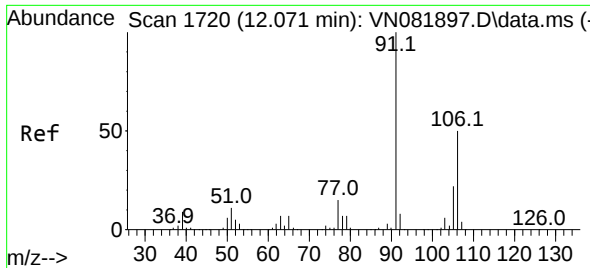
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#66  
Ethyl Benzene  
Concen: 18.980 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 91 Resp: 205168  
Ion Ratio Lower Upper  
91 100  
106 31.5 24.4 36.6





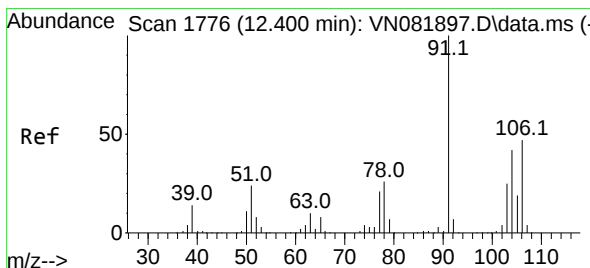
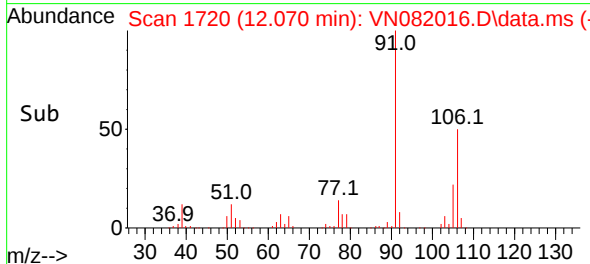
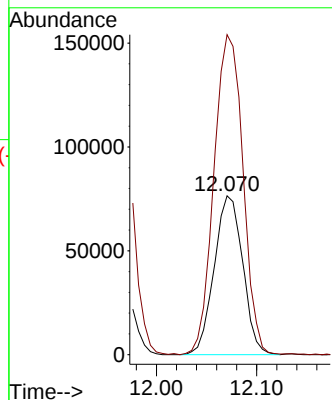
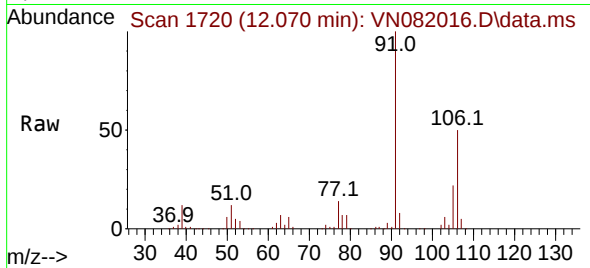
#67  
m/p-Xylenes  
Concen: 37.713 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:106 Resp: 151148  
Ion Ratio Lower Upper  
106 100  
91 205.1 166.6 249.8

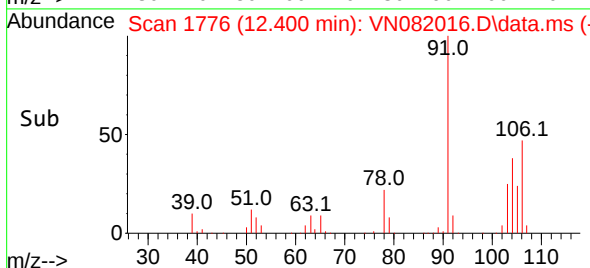
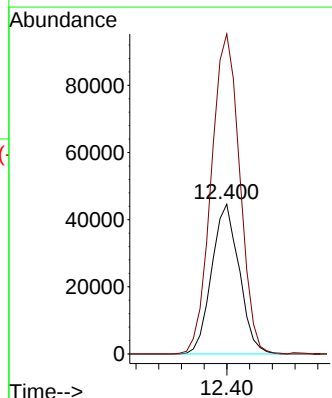
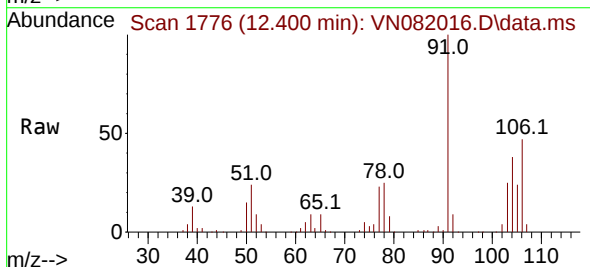
Manual Integrations  
APPROVED

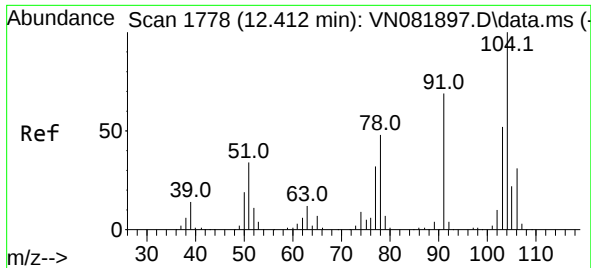
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#68  
o-Xylene  
Concen: 18.908 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

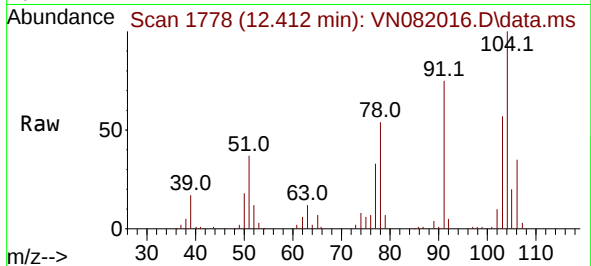
Tgt Ion:106 Resp: 74974  
Ion Ratio Lower Upper  
106 100  
91 221.3 110.0 330.0





#69  
Styrene  
Concen: 18.152 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

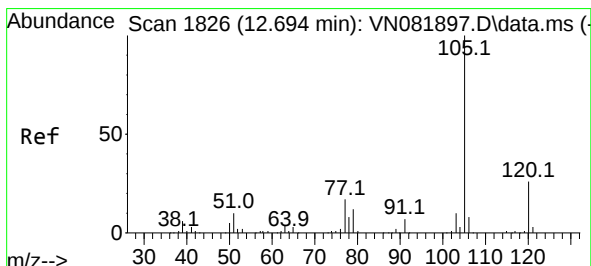
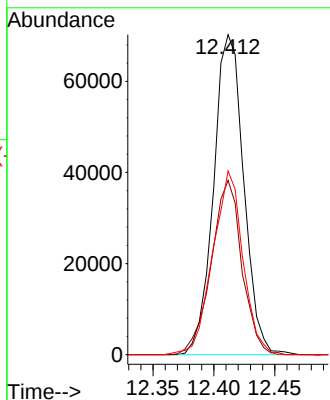
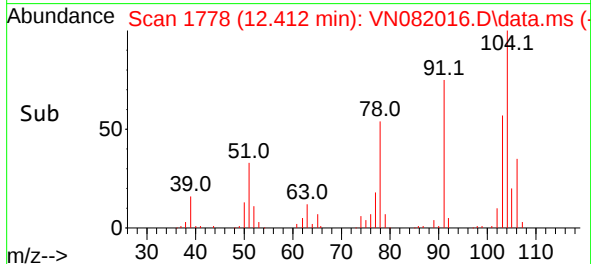
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



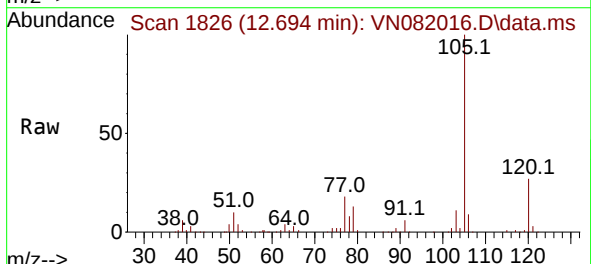
Tgt Ion:104 Resp: 120829  
Ion Ratio Lower Upper  
104 100  
78 55.5 42.6 64.0  
103 57.6 43.7 65.5

Manual Integrations  
APPROVED

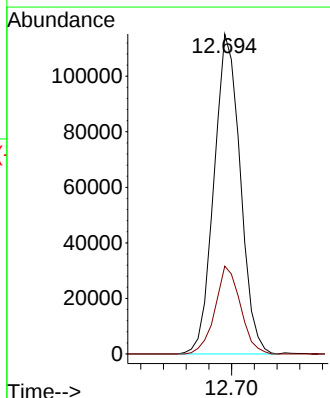
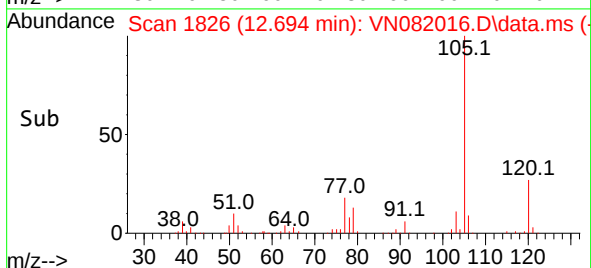
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

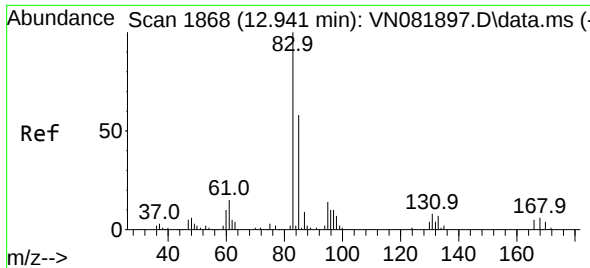


#70  
Isopropylbenzene  
Concen: 18.356 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



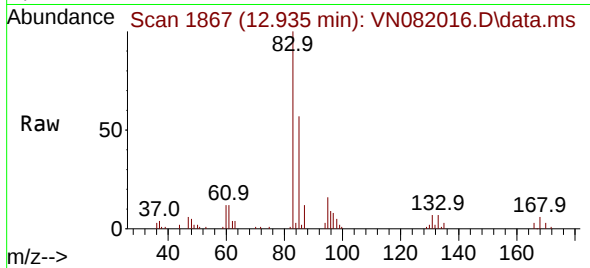
Tgt Ion:105 Resp: 184854  
Ion Ratio Lower Upper  
105 100  
120 26.6 17.8 33.1





#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.646 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. -0.006 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

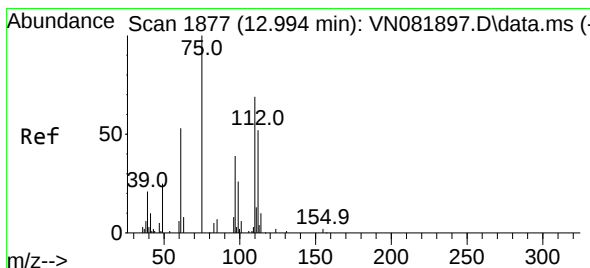
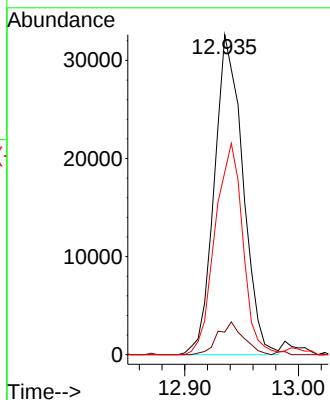
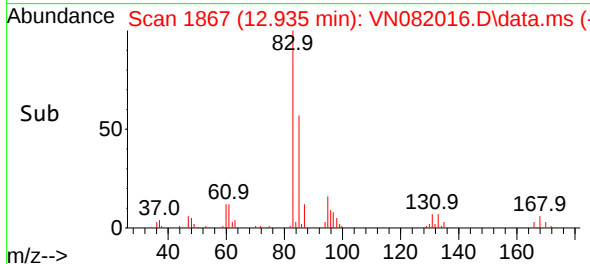
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01



Tgt Ion: 83 Resp: 5693  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 5.2 15.6  
 85 64.4 32.3 96.8

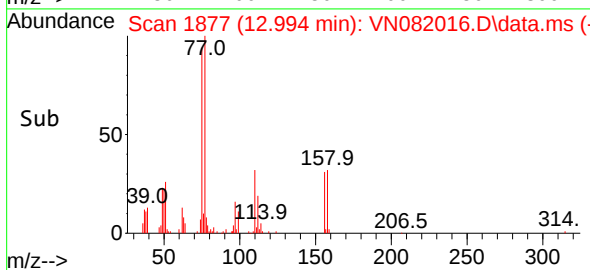
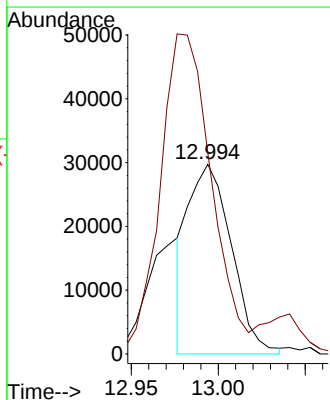
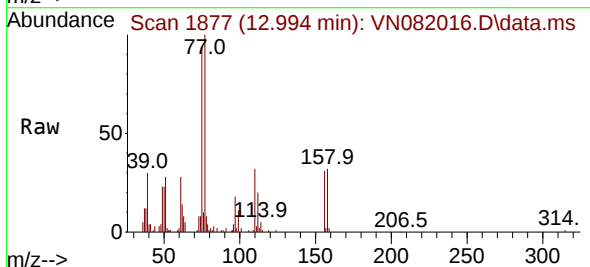
Manual Integrations  
 APPROVED

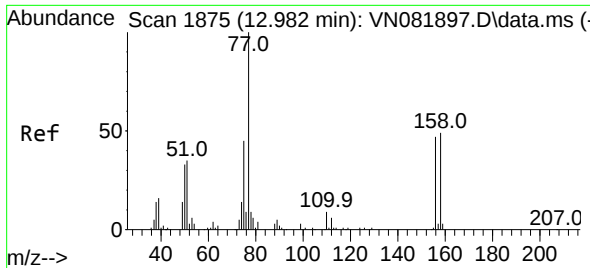
Reviewed By :John Carlone 05/08/2024  
 Supervised By :Mahesh Dadoda 05/08/2024



#72  
 1,2,3-Trichloropropane  
 Concen: 19.049 ug/l m  
 RT: 12.994 min Scan# 1877  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

Tgt Ion: 75 Resp: 51610  
 Ion Ratio Lower Upper  
 75 100  
 77 199.5 0.0 367.6





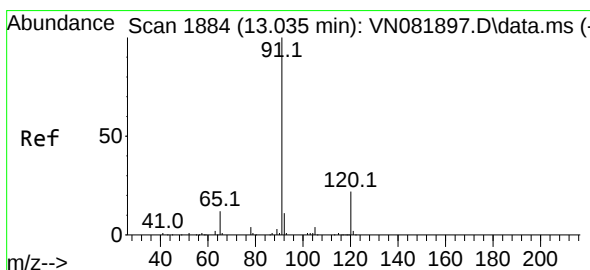
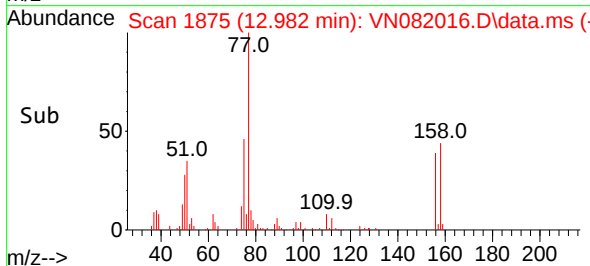
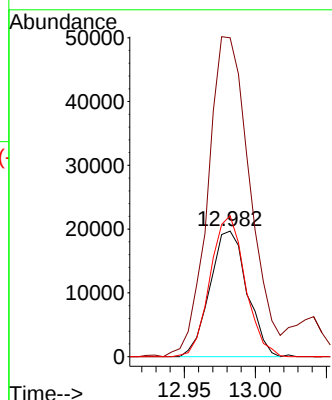
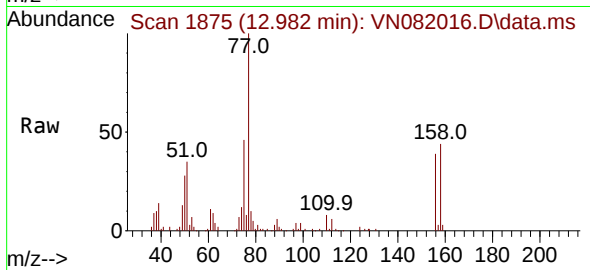
#73  
Bromobenzene  
Concen: 16.584 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:156 Resp: 35750  
Ion Ratio Lower Upper  
156 100  
77 287.9 0.0 437.6  
158 105.7 0.0 203.8

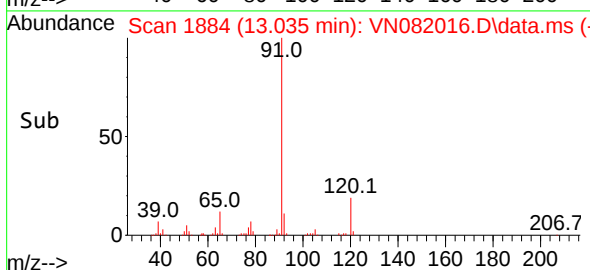
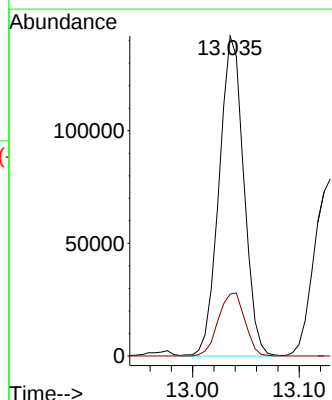
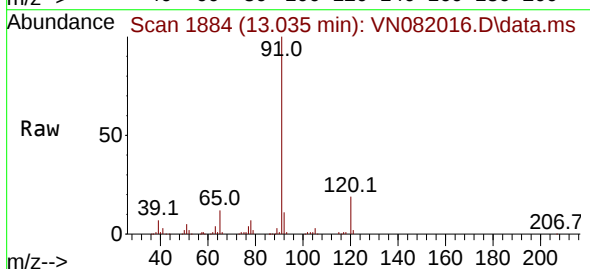
Manual Integrations  
APPROVED

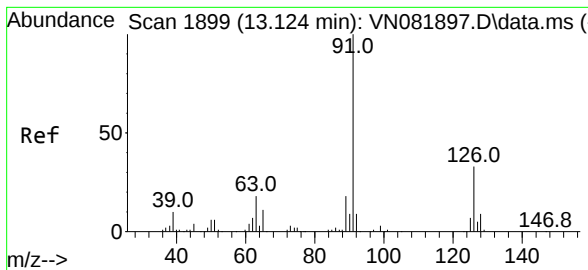
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#74  
n-propylbenzene  
Concen: 19.242 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion: 91 Resp: 228616  
Ion Ratio Lower Upper  
91 100  
120 21.0 0.0 43.8





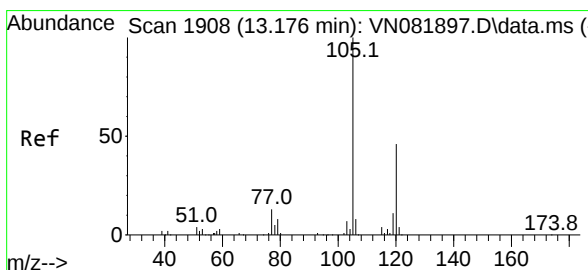
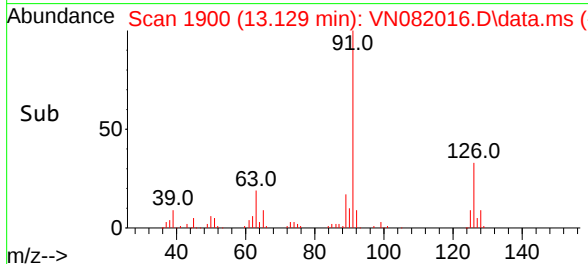
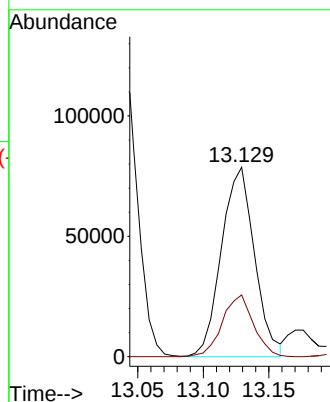
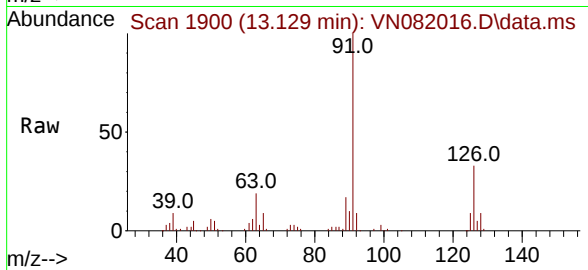
#75  
2-Chlorotoluene  
Concen: 18.789 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion: 91 Resp: 13810  
Ion Ratio Lower Upper  
91 100  
126 30.8 0.0 61.2

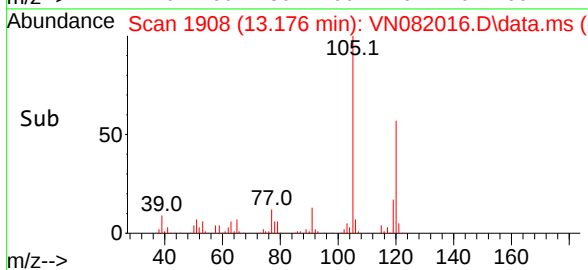
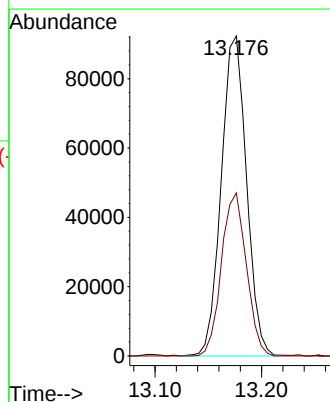
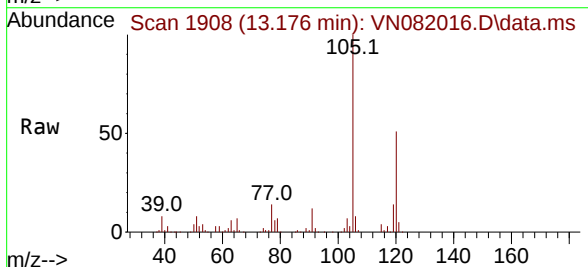
Manual Integrations  
APPROVED

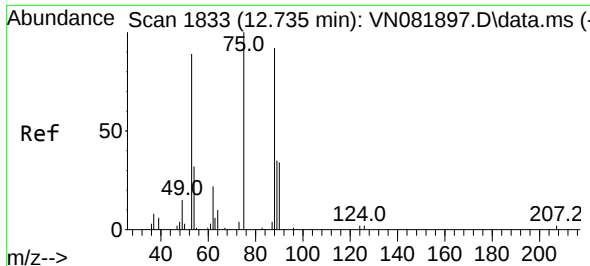
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#76  
1,3,5-Trimethylbenzene  
Concen: 18.648 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

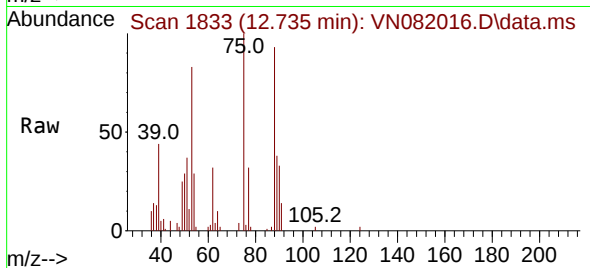
Tgt Ion:105 Resp: 152009  
Ion Ratio Lower Upper  
105 100  
120 50.2 0.0 95.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 18.779 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

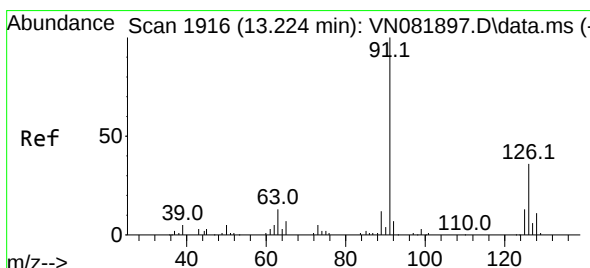
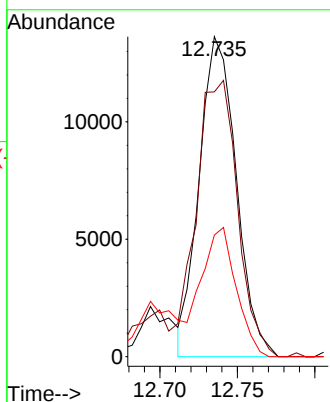
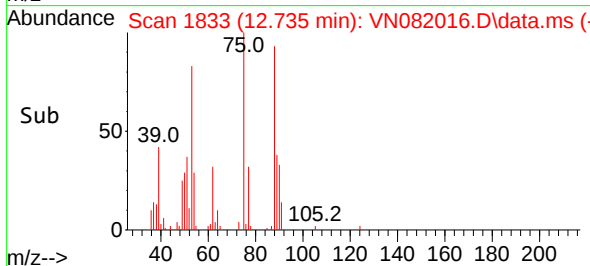
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



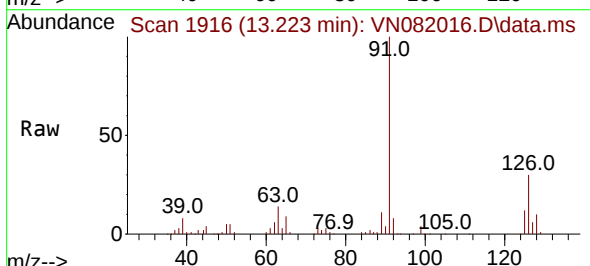
Tgt Ion: 75 Resp: 22640  
Ion Ratio Lower Upper  
75 100  
53 82.7 45.9 137.7  
89 38.0 25.9 77.7

Manual Integrations  
APPROVED

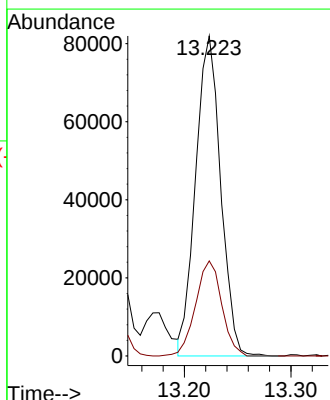
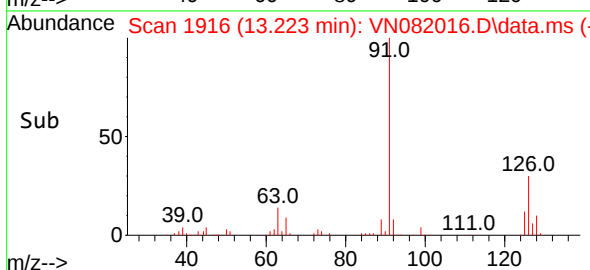
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

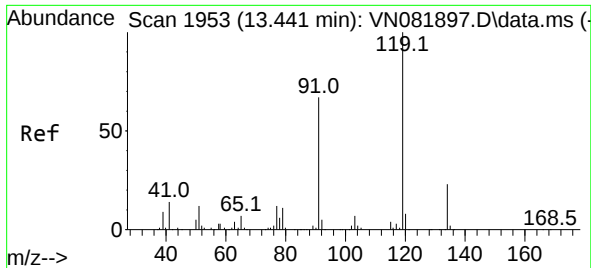


#78  
4-Chlorotoluene  
Concen: 18.617 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



Tgt Ion: 91 Resp: 134054  
Ion Ratio Lower Upper  
91 100  
126 31.0 0.0 62.8





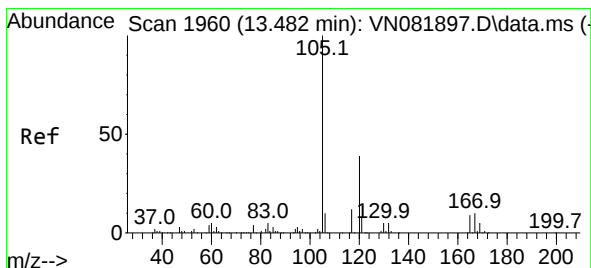
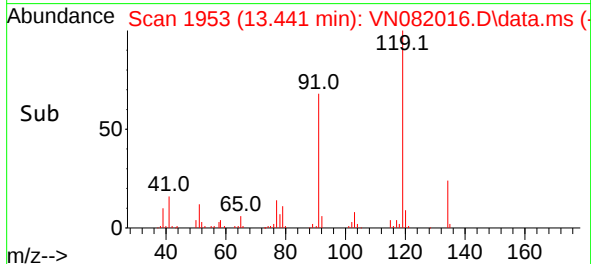
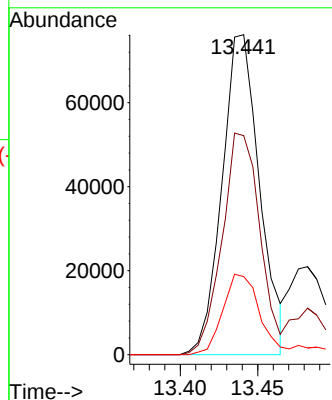
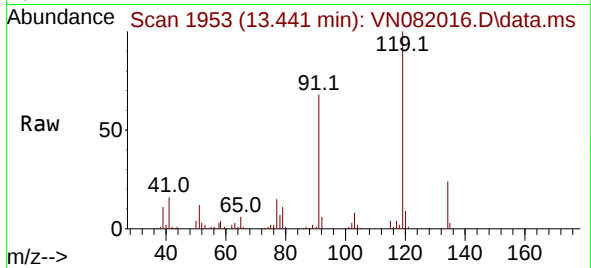
#79  
tert-butylbenzene  
Concen: 18.318 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:119 Resp: 128564  
Ion Ratio Lower Upper  
119 100  
91 69.6 0.0 138.8  
134 24.5 0.0 48.6

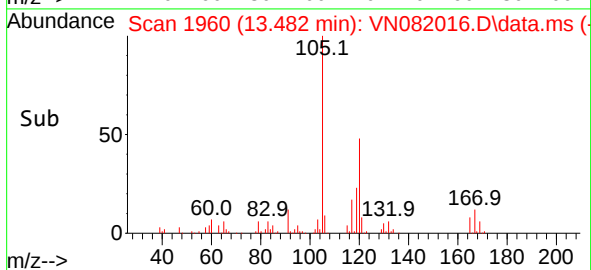
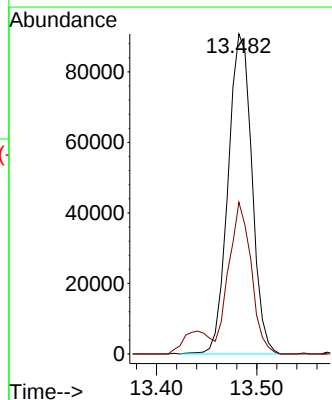
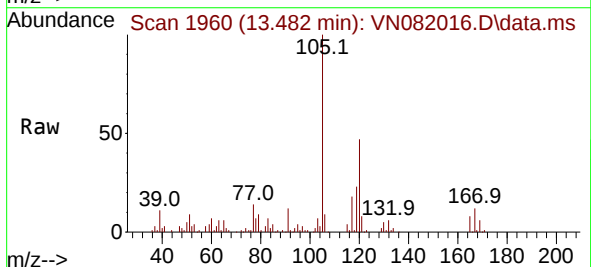
Manual Integrations  
APPROVED

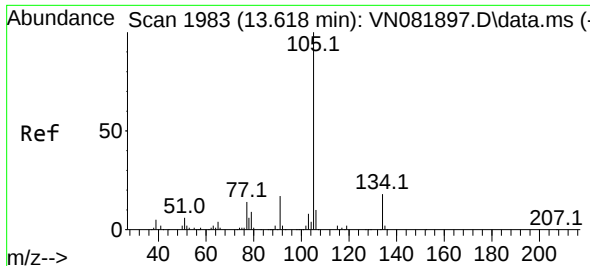
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#80  
1,2,4-Trimethylbenzene  
Concen: 18.266 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

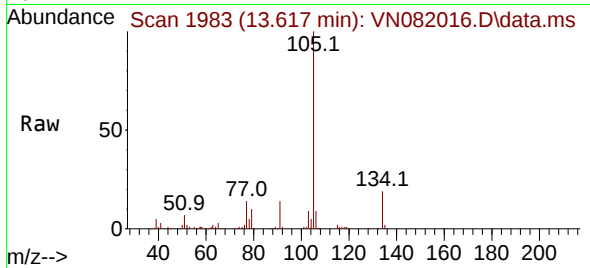
Tgt Ion:105 Resp: 149558  
Ion Ratio Lower Upper  
105 100  
120 44.4 0.0 86.8





#81  
 sec-Butylbenzene  
 Concen: 19.632 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

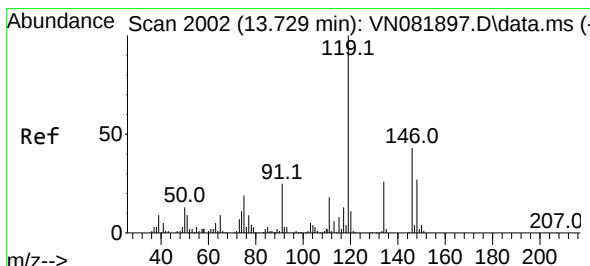
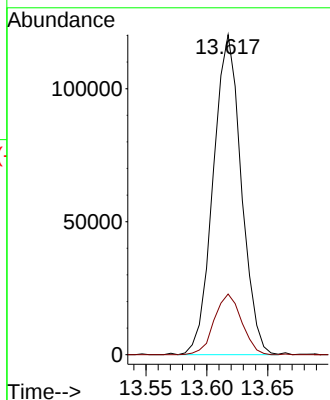
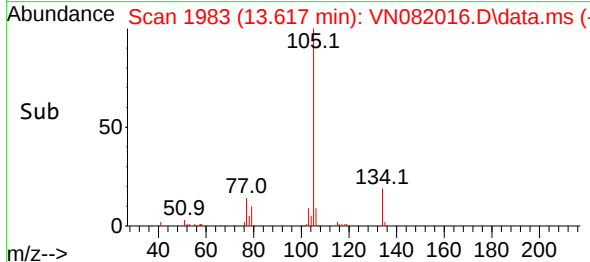
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01



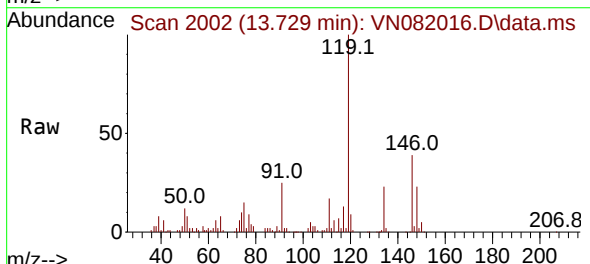
Tgt Ion:105 Resp: 19314  
 Ion Ratio Lower Upper  
 105 100  
 134 18.4 0.0 39.0

Manual Integrations  
 APPROVED

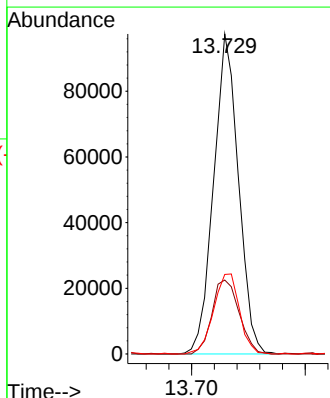
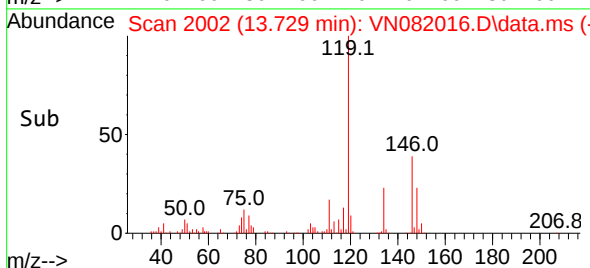
Reviewed By :John Carlone 05/08/2024  
 Supervised By :Mahesh Dadoda 05/08/2024

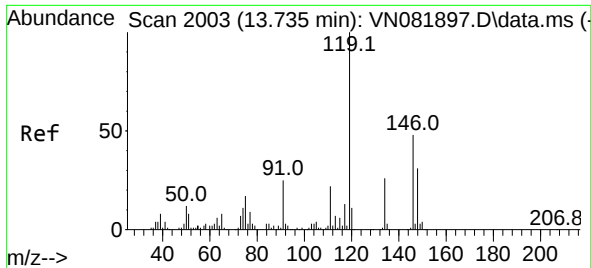


#82  
 p-Isopropyltoluene  
 Concen: 18.995 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06



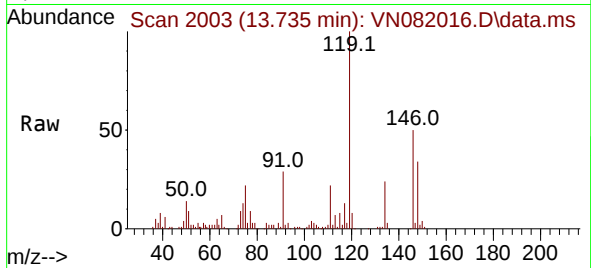
Tgt Ion:119 Resp: 147770  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 0.0 49.2  
 91 26.1 0.0 48.8





#83  
 1,3-Dichlorobenzene  
 Concen: 18.626 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06

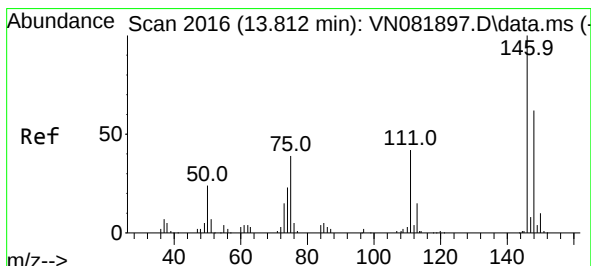
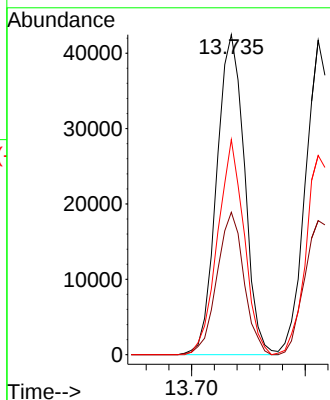
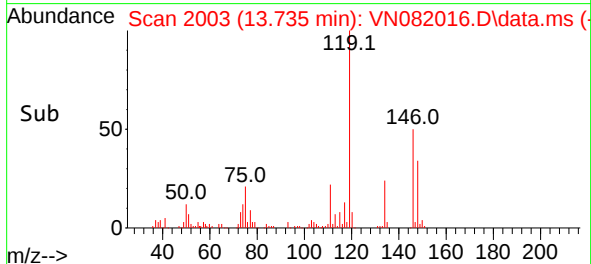
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0507WBS01



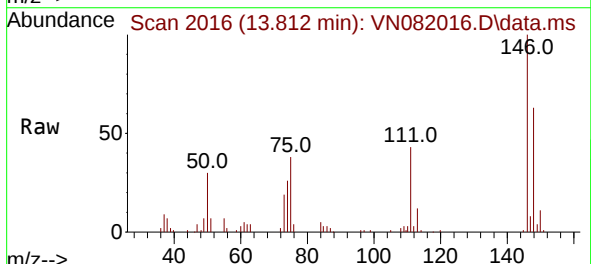
Tgt Ion:146 Resp: 7230  
 Ion Ratio Lower Upper  
 146 100  
 111 43.3 22.4 67.0  
 148 64.0 32.1 96.5

Manual Integrations  
 APPROVED

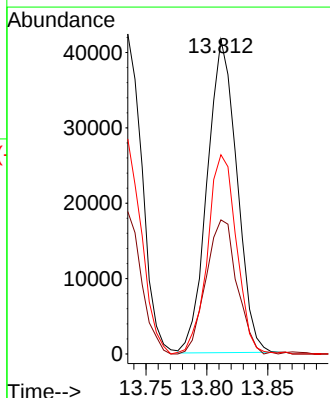
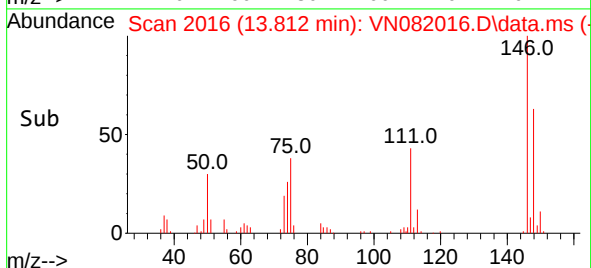
Reviewed By :John Carlone 05/08/2024  
 Supervised By :Mahesh Dadoda 05/08/2024

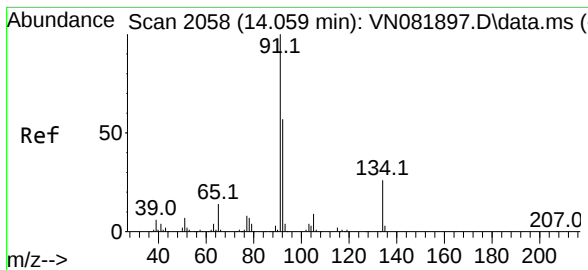


#84  
 1,4-Dichlorobenzene  
 Concen: 18.099 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. -0.000 min  
 Lab File: VN082016.D  
 Acq: 07 May 2024 10:06



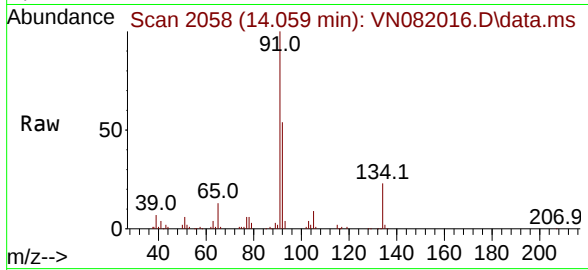
Tgt Ion:146 Resp: 70615  
 Ion Ratio Lower Upper  
 146 100  
 111 44.5 21.3 63.9  
 148 62.1 31.9 95.5





#85  
n-Butylbenzene  
Concen: 19.494 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

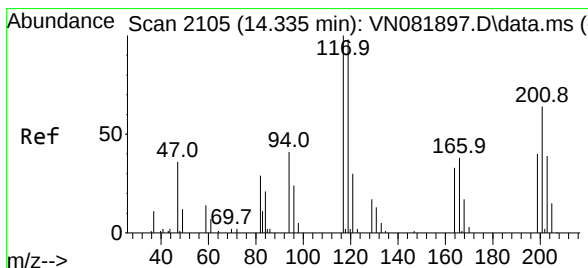
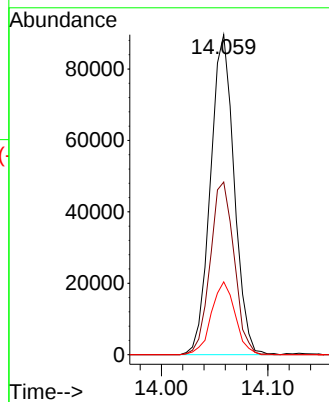
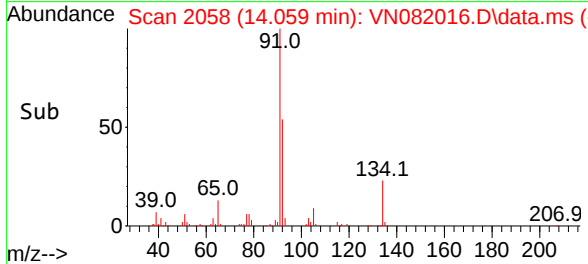
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



Tgt Ion: 91 Resp: 13852  
Ion Ratio Lower Upper  
91 100  
92 54.5 0.0 105.0  
134 22.8 0.0 51.8

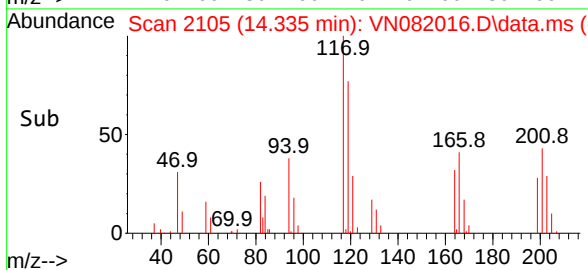
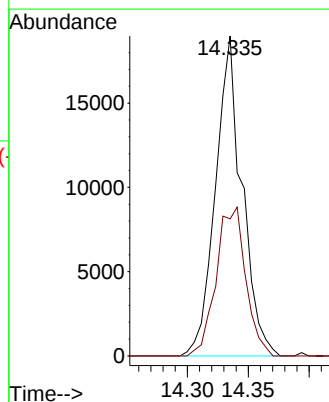
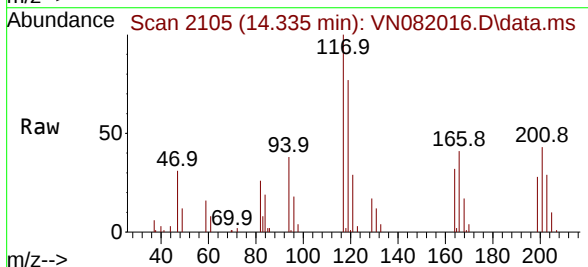
Manual Integrations  
APPROVED

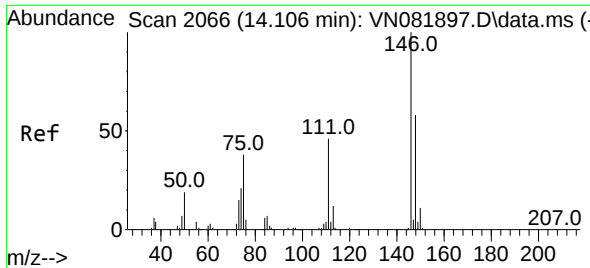
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#86  
Hexachloroethane  
Concen: 18.546 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Tgt Ion:117 Resp: 28767  
Ion Ratio Lower Upper  
117 100  
201 51.7 38.0 114.0





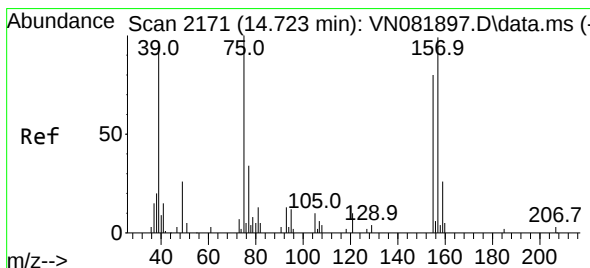
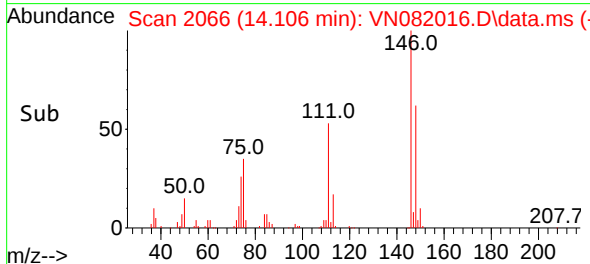
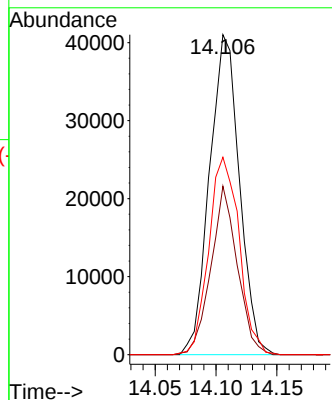
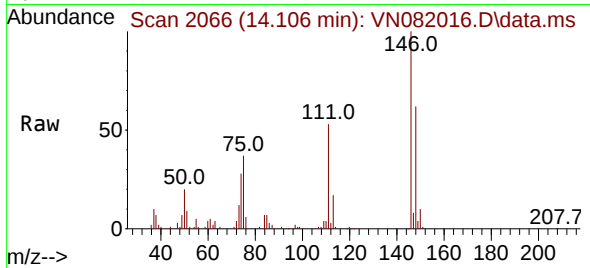
#87  
1,2-Dichlorobenzene  
Concen: 18.131 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01

Tgt Ion:146 Resp: 70090  
Ion Ratio Lower Upper  
146 100  
111 46.5 22.6 67.8  
148 62.6 31.3 93.8

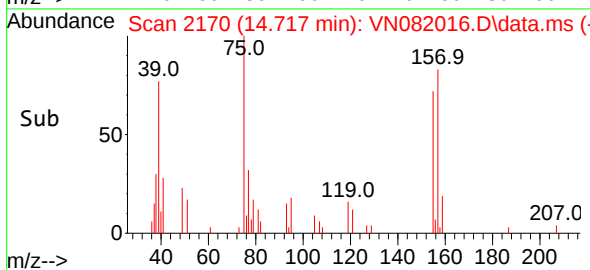
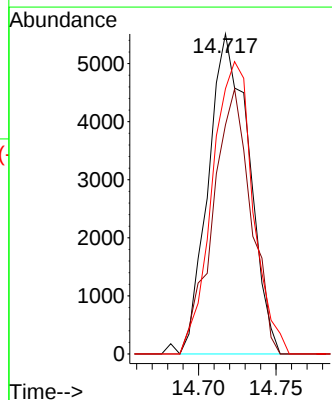
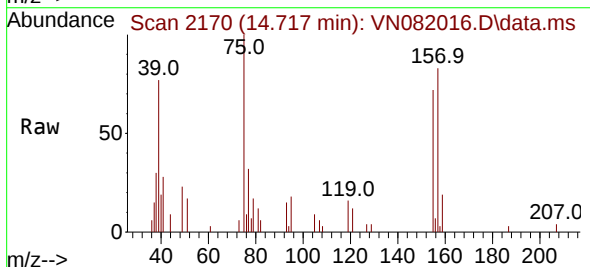
Manual Integrations  
APPROVED

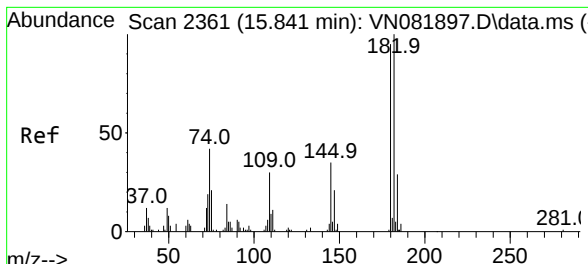
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 15.403 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

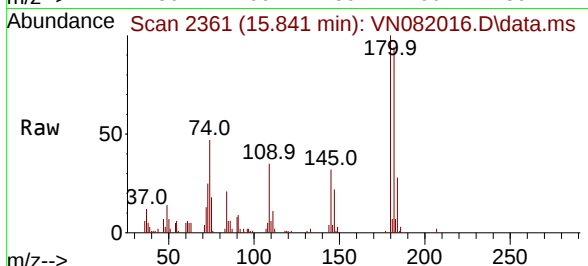
Tgt Ion: 75 Resp: 10017  
Ion Ratio Lower Upper  
75 100  
155 78.0 61.7 92.5  
157 92.1 83.6 125.4





#89  
1,2,4-Trichlorobenzene  
Concen: 17.080 ug/l  
RT: 15.841 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

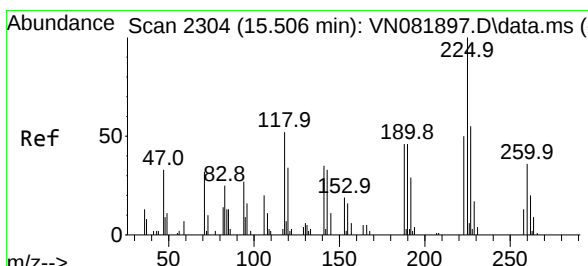
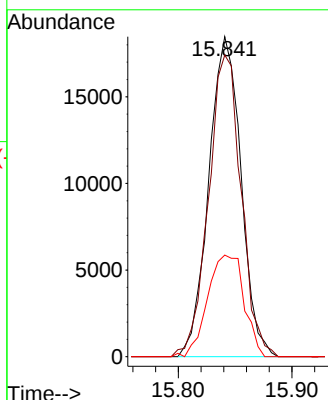
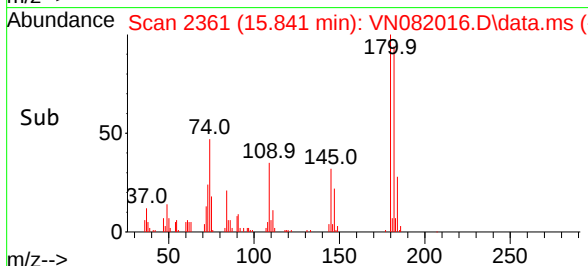
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



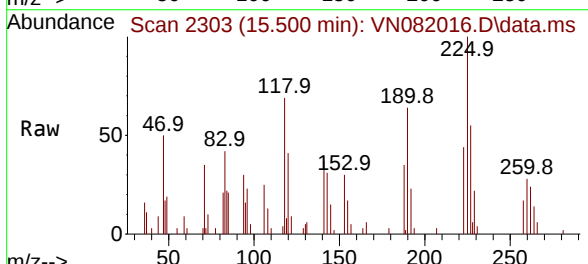
Tgt Ion:180 Resp: 3635  
Ion Ratio Lower Upper  
180 100  
182 95.4 76.4 114.6  
145 35.7 28.4 42.6

Manual Integrations  
APPROVED

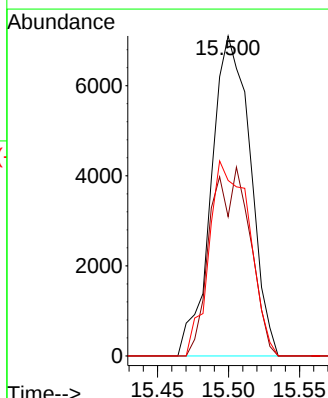
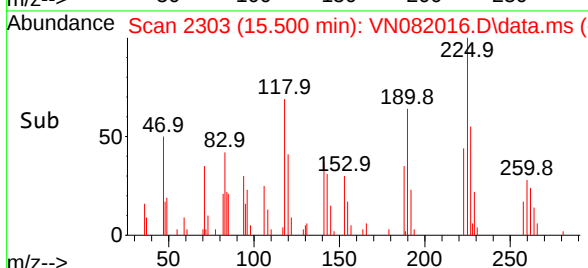
Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024

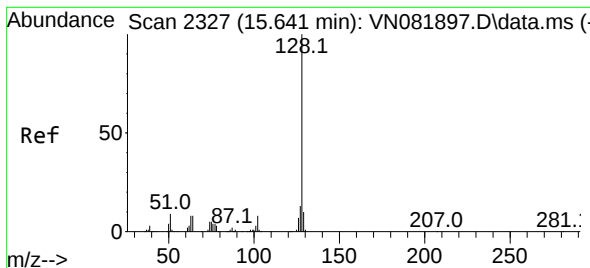


#90  
Hexachlorobutadiene  
Concen: 17.197 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. -0.006 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



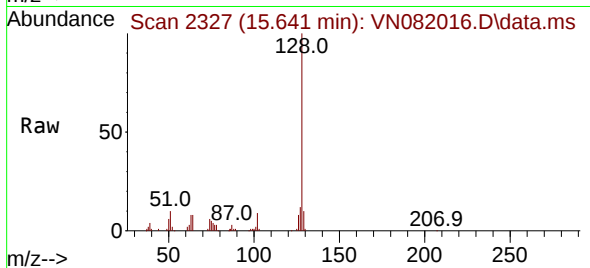
Tgt Ion:225 Resp: 13558  
Ion Ratio Lower Upper  
225 100  
223 31.2 0.0 126.6  
227 43.5 0.0 126.6





#91  
Naphthalene  
Concen: 17.132 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06

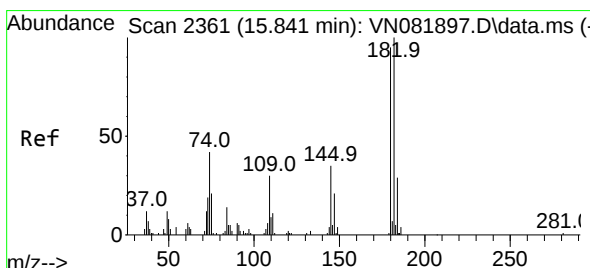
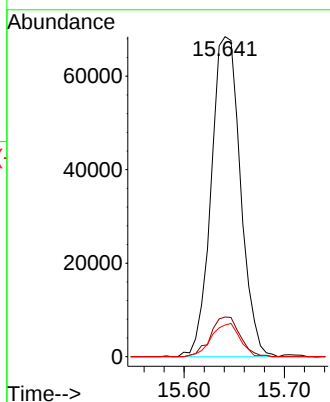
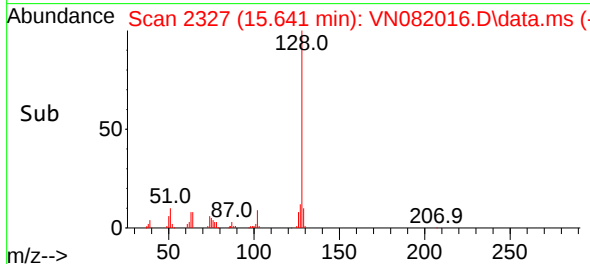
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0507WBS01



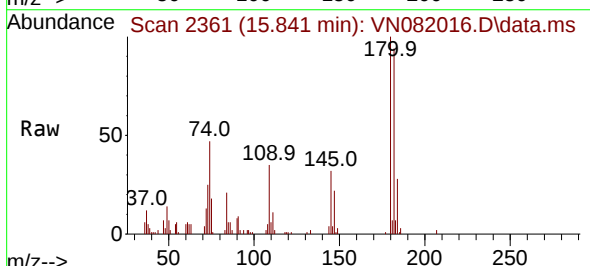
Tgt Ion:128 Resp: 13864  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.6 16.0  
129 10.0 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 05/08/2024  
Supervised By :Mahesh Dadoda 05/08/2024



#92  
1,2,3-Trichlorobenzene  
Concen: 17.080 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN082016.D  
Acq: 07 May 2024 10:06



Tgt Ion:180 Resp: 36359  
Ion Ratio Lower Upper  
180 100  
182 95.4 0.0 191.0  
145 35.7 0.0 71.0

