

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112322\  
 Data File : VN075389.D  
 Acq On : 23 Nov 2022 12:24  
 Operator : JC\MD  
 Sample : VN1123MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/25/2022  
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 12:42:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 143621               | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 243749               | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 225041               | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 111421               | 50.000  | ug/l   | 0.00     |
|                              |                |      |                      |         |        |          |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 41582                | 53.937  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 107.880%  |         |        |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 51742                | 54.037  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 108.080%  |         |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 122691               | 56.890  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 113.780%# |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 89919                | 56.488  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 112.980%  |         |        |          |
|                              |                |      |                      |         |        |          |
| Target Compounds             |                |      |                      |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136          | 85   | 22204                | 20.218  | ug/l   | 97       |
| 3) Chloromethane             | 2.371          | 50   | 26836                | 19.638  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.524          | 62   | 33885                | 19.675  | ug/l   | 97       |
| 5) Bromomethane              | 2.953          | 94   | 28417                | 18.764  | ug/l   | 91       |
| 6) Chloroethane              | 3.124          | 64   | 27025                | 21.910  | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 49422                | 20.088  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.971          | 74   | 17832                | 20.679  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383          | 101  | 29104                | 21.703  | ug/l   | 95       |
| 10) Methyl Iodide            | 4.600          | 142  | 42799                | 19.446  | ug/l   | 97       |
| 11) Tert butyl alcohol       | 5.524          | 59   | 30443                | 94.067  | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.347          | 96   | 27042                | 20.332  | ug/l   | 90       |
| 13) Acrolein                 | 4.189          | 56   | 26968                | 95.653  | ug/l   | 97       |
| 14) Allyl chloride           | 5.036          | 41   | 33409                | 19.420  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.730          | 53   | 75480                | 101.657 | ug/l   | 95       |
| 16) Acetone                  | 4.442          | 43   | 63674                | 88.547  | ug/l # | 87       |
| 17) Carbon Disulfide         | 4.718          | 76   | 64909                | 18.779  | ug/l   | 95       |
| 18) Methyl Acetate           | 5.030          | 43   | 38274                | 20.345  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.800          | 73   | 93927                | 19.936  | ug/l   | 94       |
| 20) Methylene Chloride       | 5.289          | 84   | 32616                | 21.642  | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.800          | 96   | 30031                | 19.813  | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.683          | 45   | 82793                | 21.089  | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.612          | 43   | 315170               | 100.909 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 51852                | 20.577  | ug/l   | 99       |
| 25) 2-Butanone               | 7.494          | 43   | 96848                | 96.467  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.500          | 77   | 45641                | 19.488  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.494          | 96   | 35914                | 20.954  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.824          | 49   | 22122                | 21.627  | ug/l   | 90       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 62313                | 102.041 | ug/l   | 99       |
| 30) Chloroform               | 7.971          | 83   | 57261                | 19.787  | ug/l   | 95       |
| 31) Cyclohexane              | 8.265          | 56   | 47379                | 19.343  | ug/l # | 95       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 52891                | 20.130  | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 42740                | 20.468  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.565          | 43   | 39263                | 20.882  | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 46843                | 20.421  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.606          | 83   | 52901                | 20.242  | ug/l   | 99       |
| 40) Benzene                  | 8.612          | 78   | 127886               | 20.003  | ug/l   | 99       |

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Manual Integrations  
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Quant Time: Nov 23 12:42:22 2022  
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 Quant Title : SW846 8260  
 QLast Update : Wed Nov 23 00:18:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 19570    | 20.359  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 42103    | 19.663  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 60634    | 20.091  | ug/l   | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 35388    | 20.229  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 31067    | 20.391  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 23402    | 20.308  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.888  | 83   | 44951    | 20.143  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 27640    | 19.806  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 15467    | 390.324 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 193155   | 100.485 | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 85803    | 20.827  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 45923    | 20.498  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 49707    | 20.428  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 34725    | 20.694  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 47537    | 20.977  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 54389    | 19.879  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 89021    | 108.923 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 143733   | 99.579  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.365 | 129  | 36364    | 21.113  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 33904    | 19.467  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 32536    | 18.932  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.894 | 112  | 94861    | 20.411  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 34483    | 19.880  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 163723   | 20.649  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.070 | 106  | 131783   | 40.929  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 64476    | 20.154  | ug/l   | 95       |
| 70) Styrene                   | 12.412 | 104  | 103189   | 20.447  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 25080    | 18.998  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 167111   | 20.529  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 50782    | 20.292  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 49591    | 19.982  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 43290m   | 20.549  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 39026    | 19.419  | ug/l   | 90       |
| 78) n-propylbenzene           | 13.035 | 91   | 187878   | 20.681  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 112814   | 20.610  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 143870   | 21.273  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 13824    | 19.415  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 112814   | 20.610  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 124748   | 20.230  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 141028   | 20.789  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 177410   | 21.204  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 151212   | 21.480  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 77541    | 20.364  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 76339    | 19.736  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.059 | 91   | 122819   | 20.657  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 24443    | 20.127  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 75055    | 20.222  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 9158     | 19.480  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 37828    | 19.888  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 20217    | 20.406  | ug/l   | 97       |
| 95) Naphthalene               | 15.641 | 128  | 112513   | 18.803  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 36059    | 19.289  | ug/l   | 98       |

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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Manual Integrations  
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Quant Time: Nov 23 12:42:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 23 00:18:03 2022  
Response via : Initial Calibration

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

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

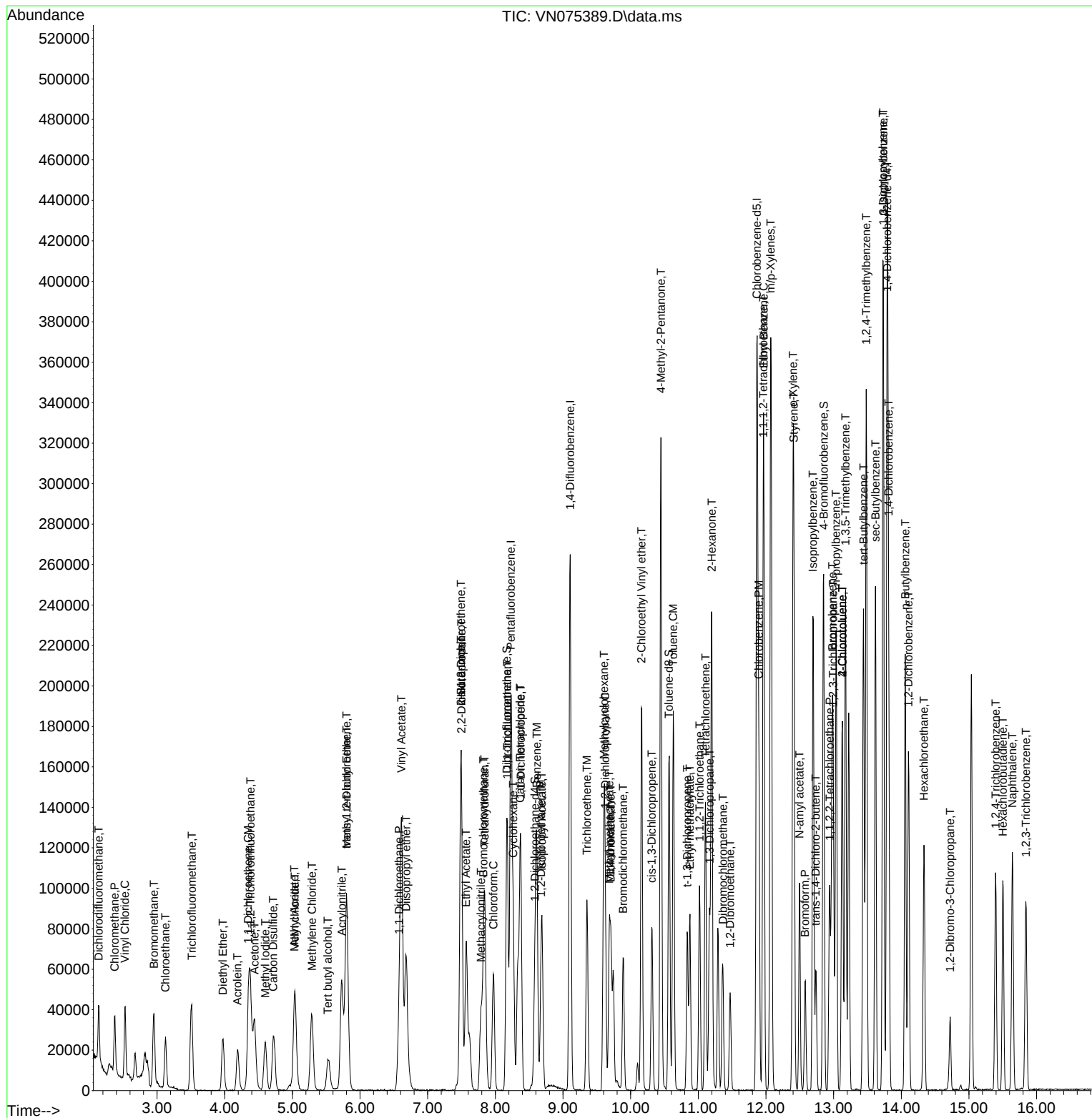
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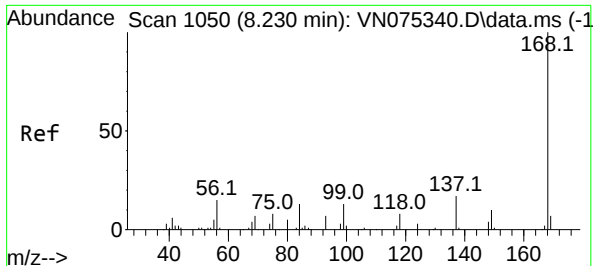
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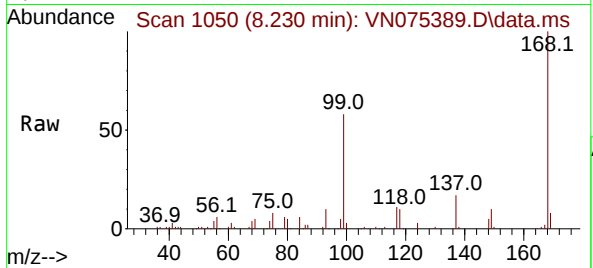
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Quant Title : SW846 8260  
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

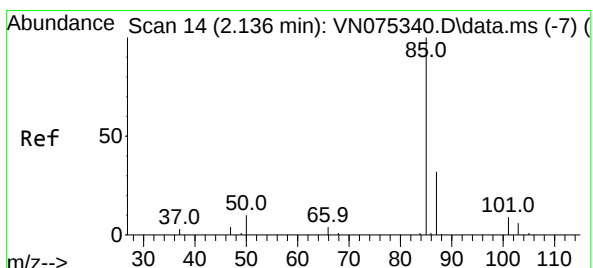
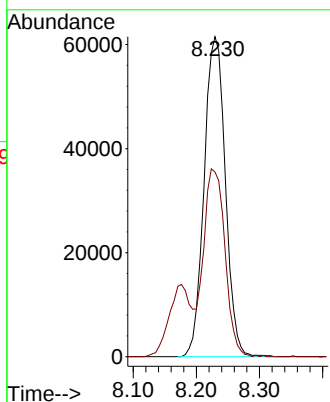
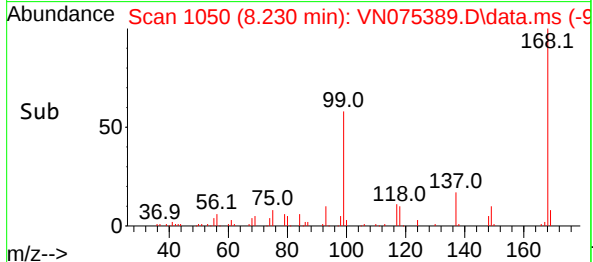
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion:168 Resp: 14362  
Ion Ratio Lower Upper  
168 100  
99 57.7 51.6 77.4

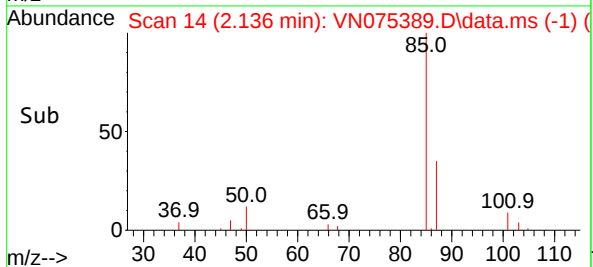
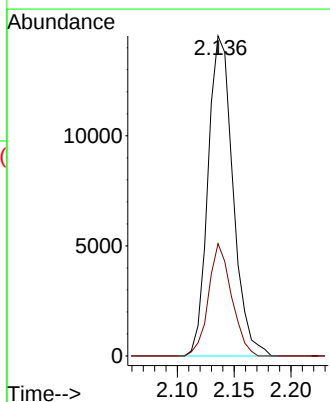
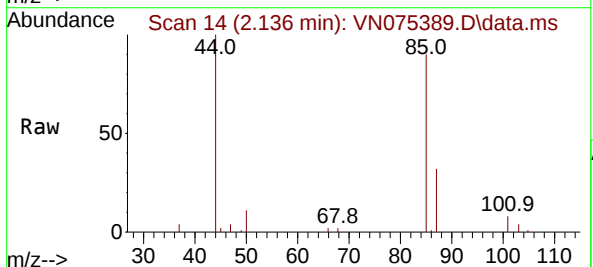
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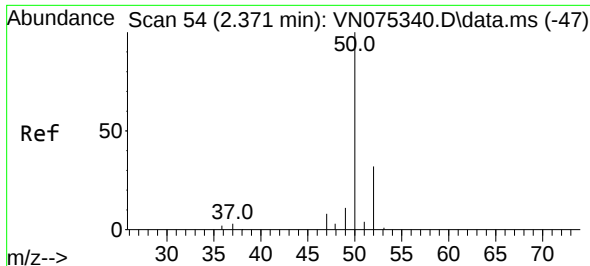
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#2  
Dichlorodifluoromethane  
Concen: 20.218 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 85 Resp: 22204  
Ion Ratio Lower Upper  
85 100  
87 35.1 16.7 50.0





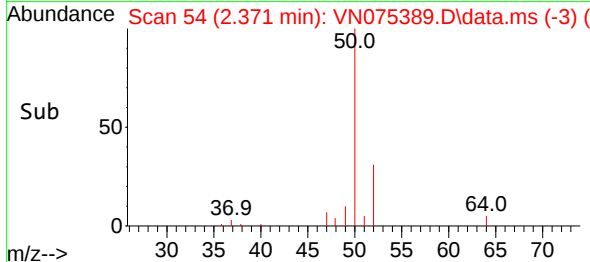
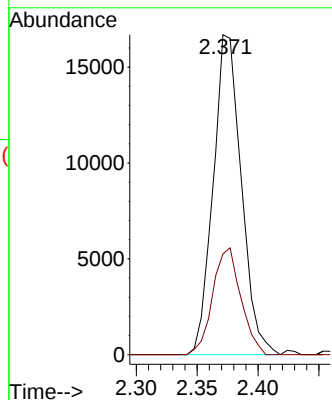
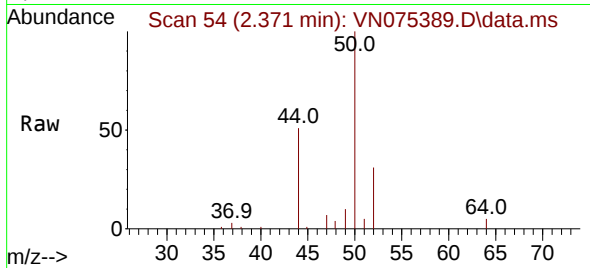
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Chloromethane  
Concen: 19.638 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 50 Resp: 26830  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.8 38.6

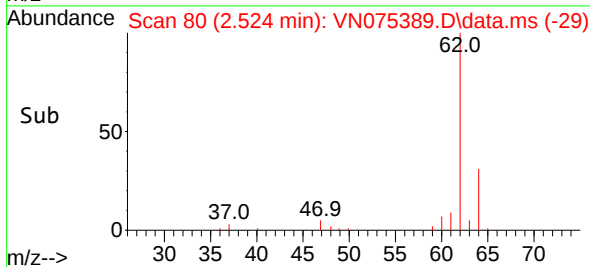
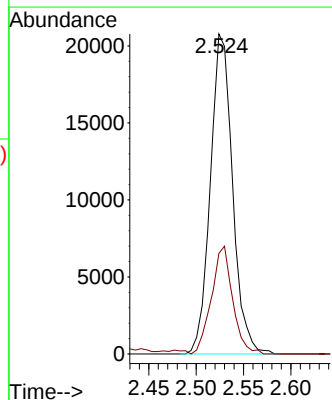
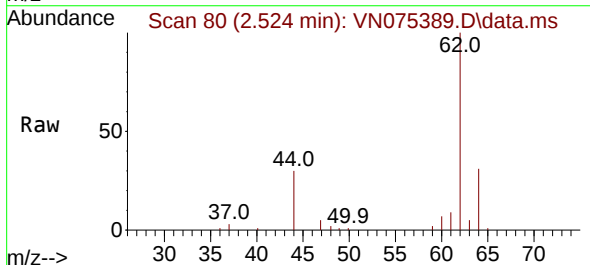
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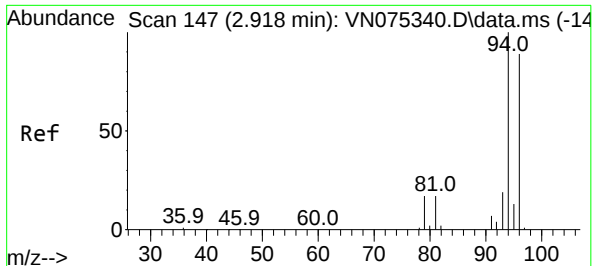
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#4  
Vinyl Chloride  
Concen: 19.675 ug/l  
RT: 2.524 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 62 Resp: 33885  
Ion Ratio Lower Upper  
62 100  
64 31.4 24.0 36.0





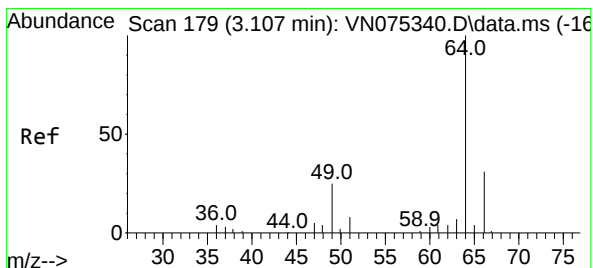
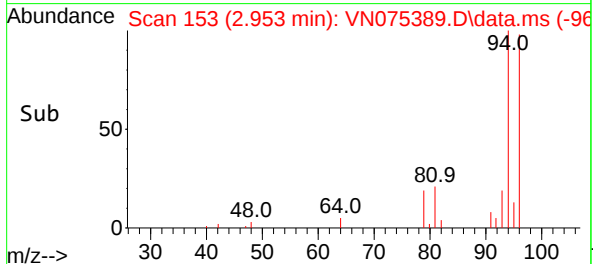
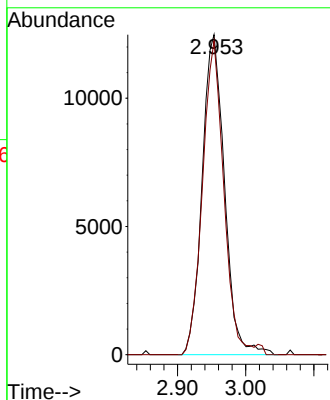
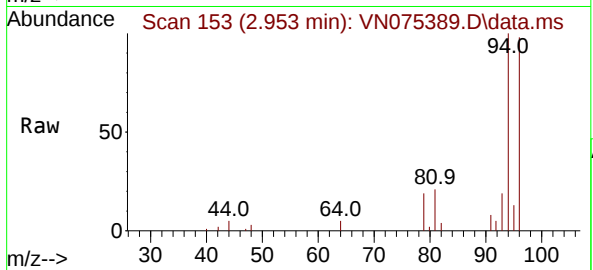
#5  
Bromomethane  
Concen: 18.764 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

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Tgt Ion: 94 Resp: 2841  
Ion Ratio Lower Upper  
94 100  
96 98.1 71.8 107.6

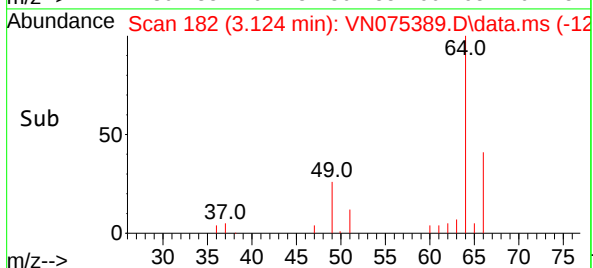
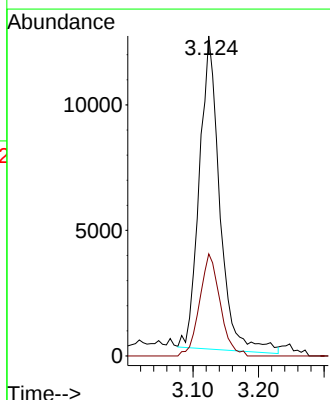
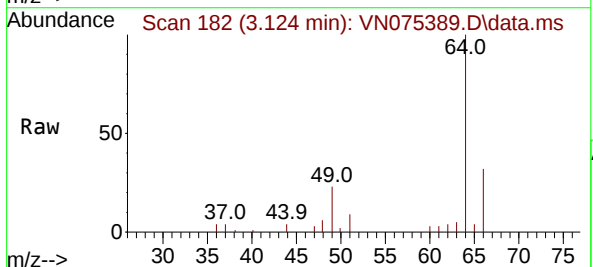
Manual Integrations  
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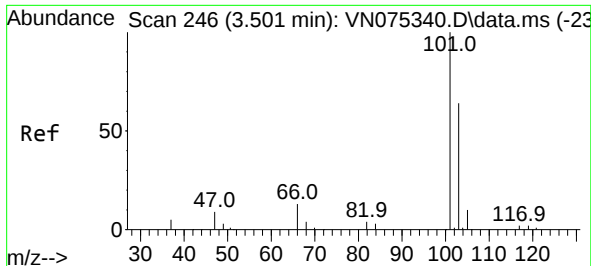
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Supervised By :Mahesh Dadoda 11/28/2022



#6  
Chloroethane  
Concen: 21.910 ug/l  
RT: 3.124 min Scan# 182  
Delta R.T. 0.017 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 64 Resp: 27025  
Ion Ratio Lower Upper  
64 100  
66 32.8 23.8 35.8





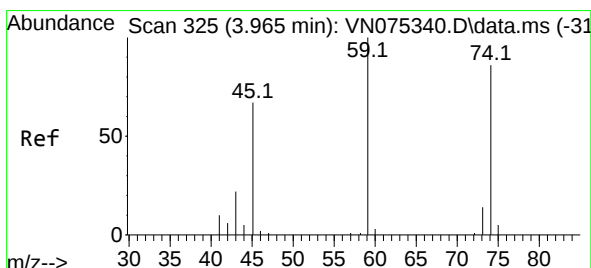
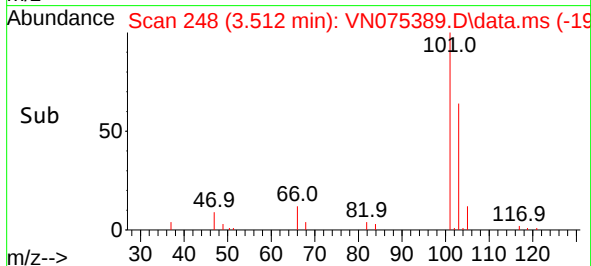
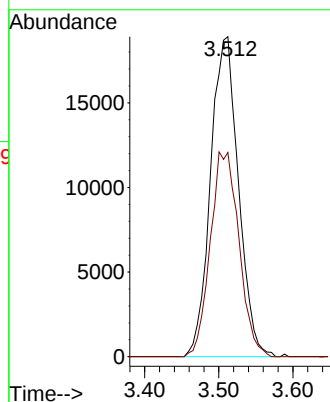
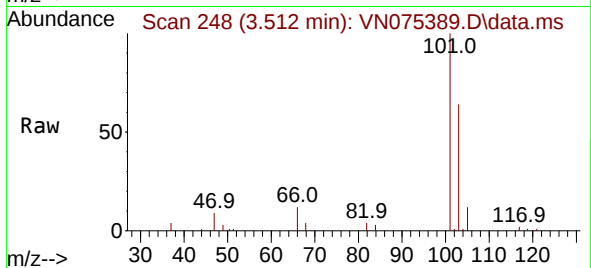
#7  
 Trichlorofluoromethane  
 Concen: 20.088 ug/l  
 RT: 3.512 min Scan# 246  
 Delta R.T. 0.011 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01

Tgt Ion:101 Resp: 4942  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 50.5 75.7

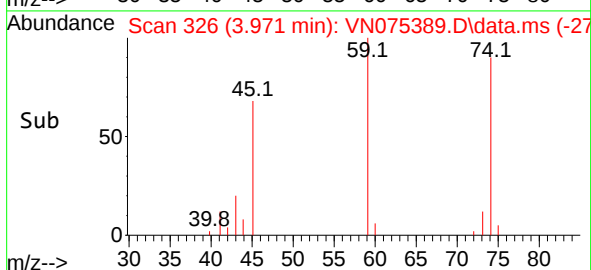
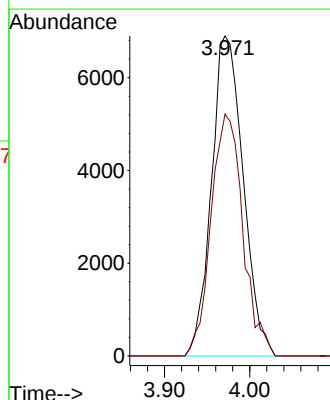
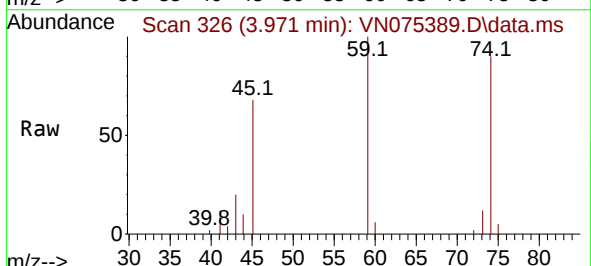
Manual Integrations  
 APPROVED

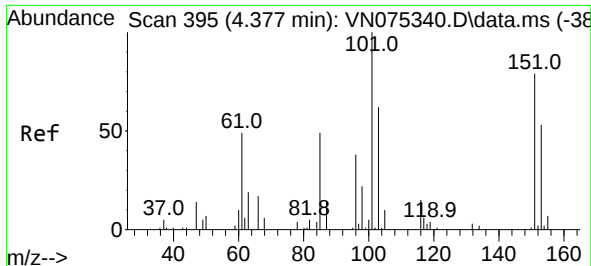
Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/28/2022



#8  
 Diethyl Ether  
 Concen: 20.679 ug/l  
 RT: 3.971 min Scan# 326  
 Delta R.T. 0.006 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

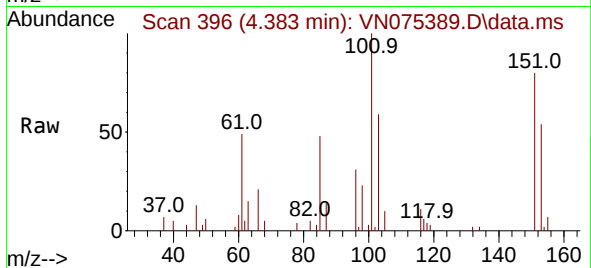
Tgt Ion: 74 Resp: 17832  
 Ion Ratio Lower Upper  
 74 100  
 45 75.8 39.3 117.9





#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.703 ug/l  
 RT: 4.383 min Scan# 396  
 Delta R.T. 0.006 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

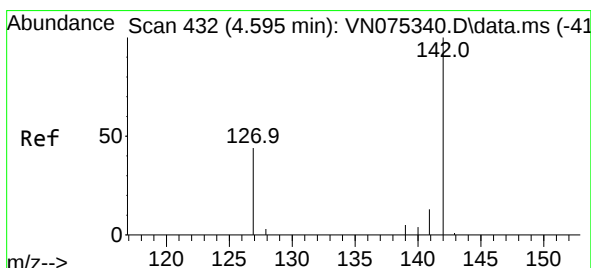
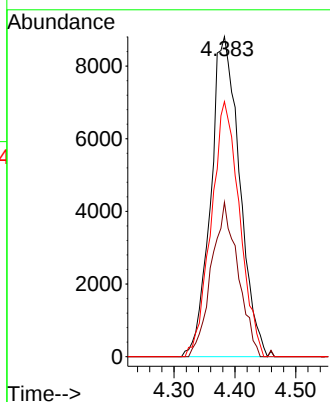
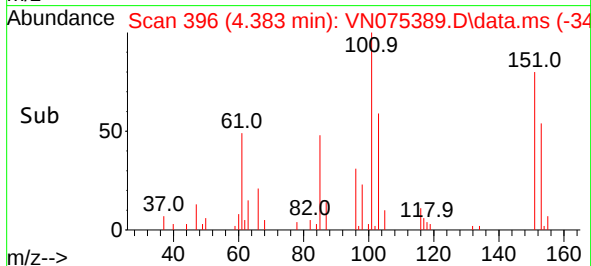
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01



Tgt Ion:101 Resp: 29104  
 Ion Ratio Lower Upper  
 101 100  
 85 44.4 37.6 56.4  
 151 78.0 58.3 87.5

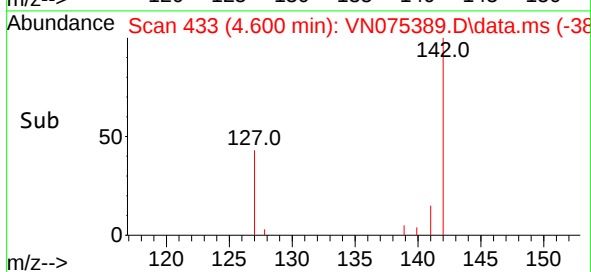
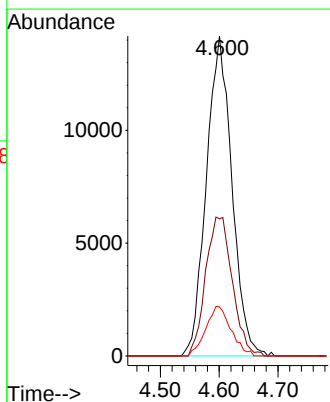
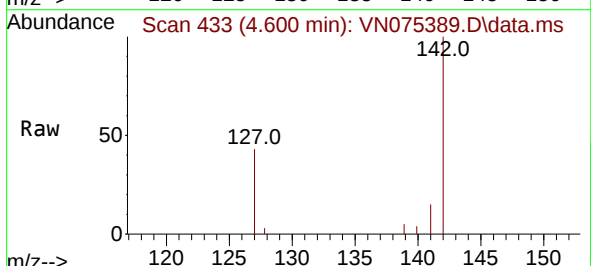
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/28/2022



#10  
 Methyl Iodide  
 Concen: 19.446 ug/l  
 RT: 4.600 min Scan# 433  
 Delta R.T. 0.005 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Tgt Ion:142 Resp: 42799  
 Ion Ratio Lower Upper  
 142 100  
 127 45.2 38.0 57.0  
 141 15.3 12.2 18.4





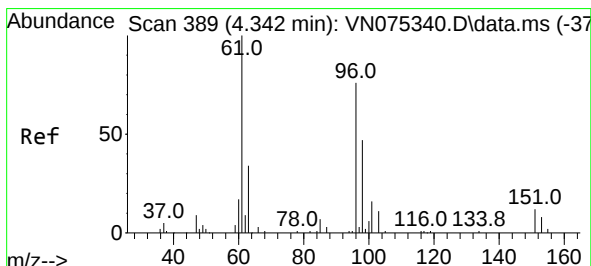
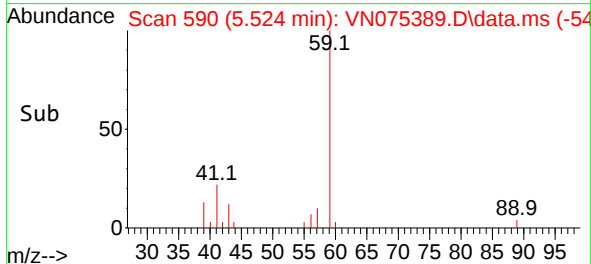
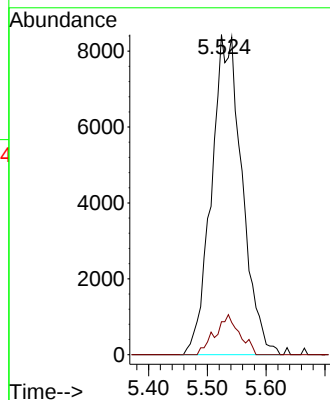
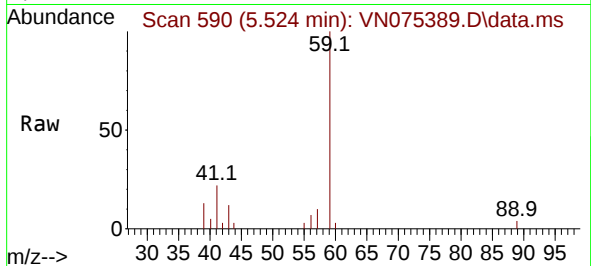
#11  
Tert butyl alcohol  
Concen: 94.067 ug/l  
RT: 5.524 min Scan# 593  
Delta R.T. -0.018 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 59 Resp: 3044  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.5 12.7

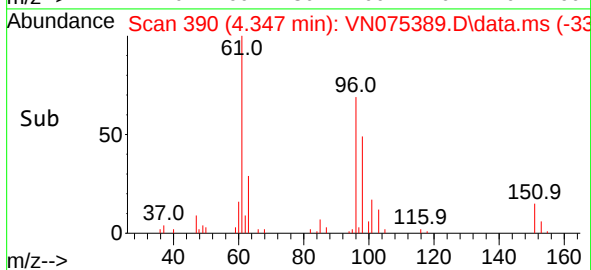
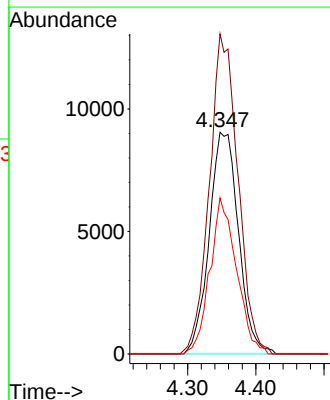
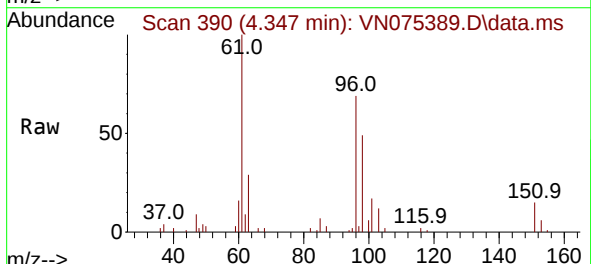
Manual Integrations  
APPROVED

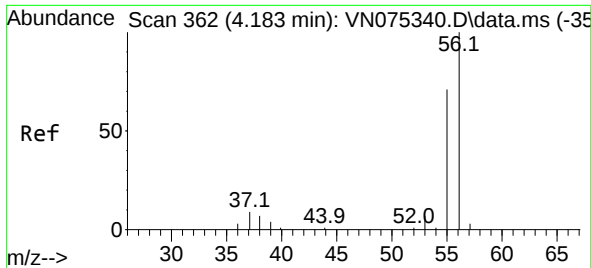
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#12  
1,1-Dichloroethene  
Concen: 20.332 ug/l  
RT: 4.347 min Scan# 390  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 96 Resp: 27042  
Ion Ratio Lower Upper  
96 100  
61 144.3 126.2 189.4  
98 70.3 51.5 77.3





#13

Acrolein

Concen: 95.653 ug/l

RT: 4.189 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 56 Resp: 2696

Ion Ratio Lower Upper

56 100

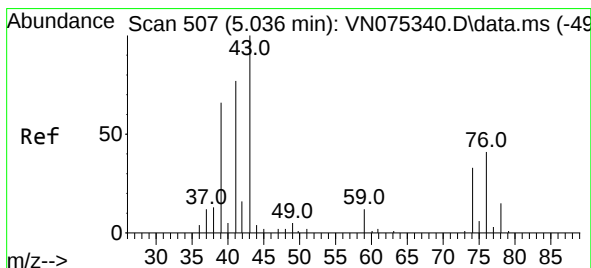
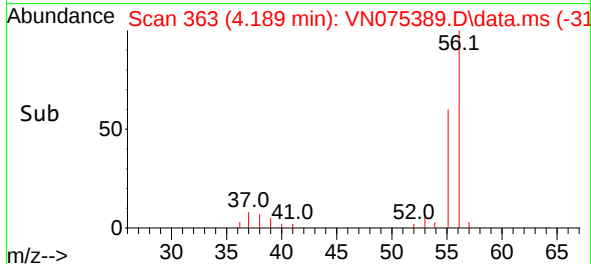
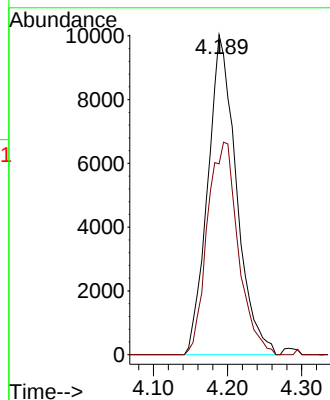
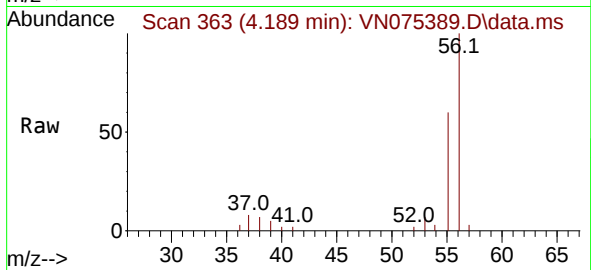
55 71.6 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#14

Allyl chloride

Concen: 19.420 ug/l

RT: 5.036 min Scan# 507

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

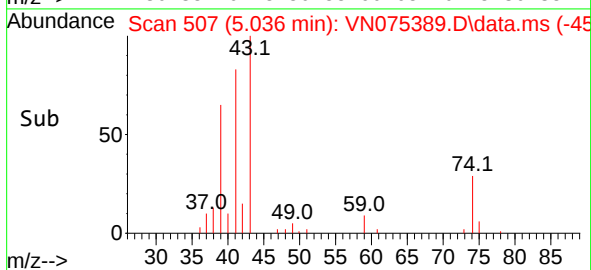
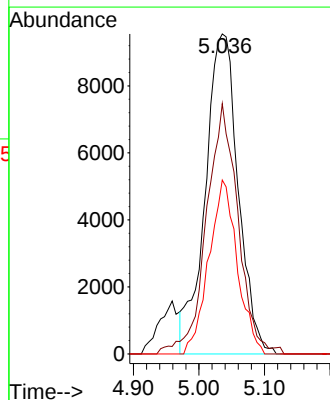
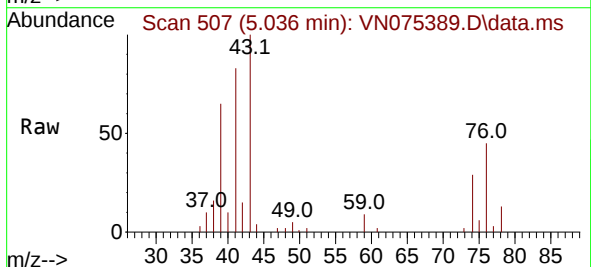
Tgt Ion: 41 Resp: 33409

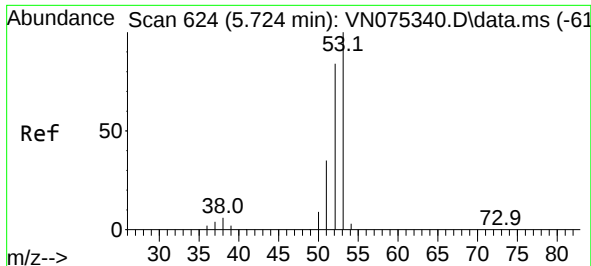
Ion Ratio Lower Upper

41 100

39 74.9 61.0 91.4

76 46.7 33.4 50.0





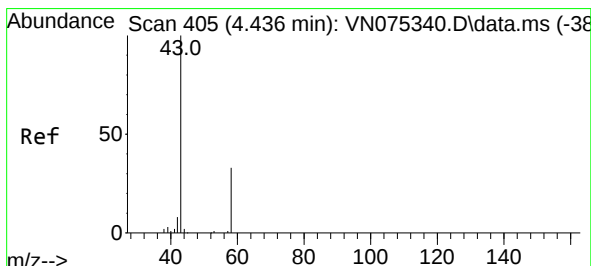
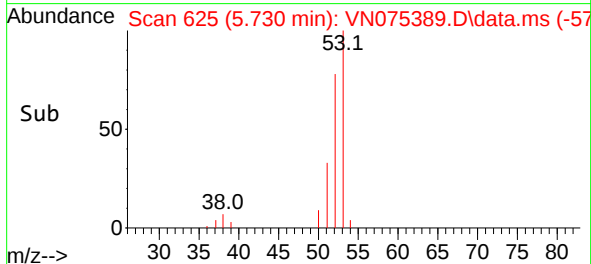
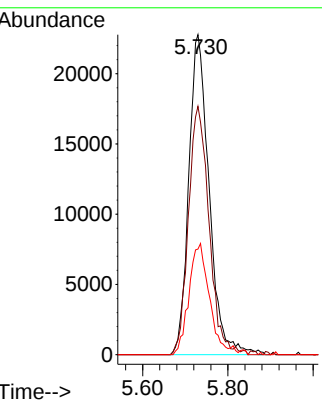
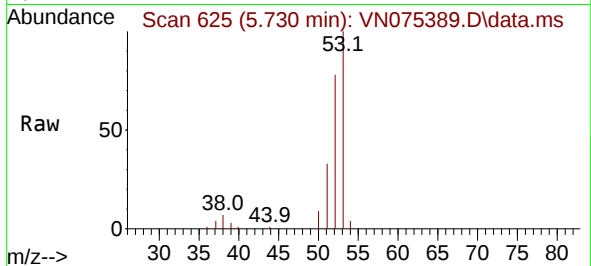
#15  
Acrylonitrile  
Concen: 101.657 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 53 Resp: 75480  
Ion Ratio Lower Upper  
53 100  
52 78.6 66.4 99.6  
51 34.4 29.6 44.4

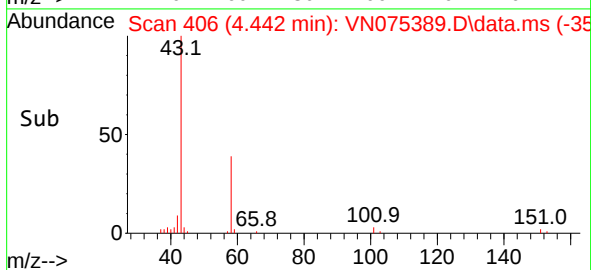
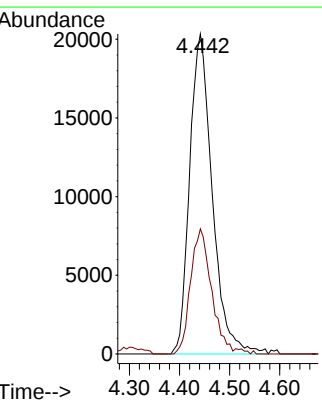
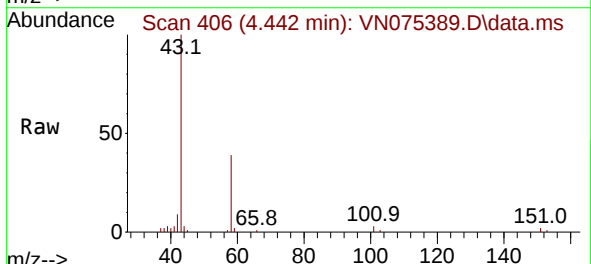
Manual Integrations  
APPROVED

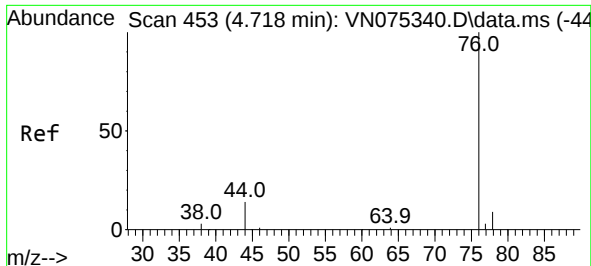
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#16  
Acetone  
Concen: 88.547 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

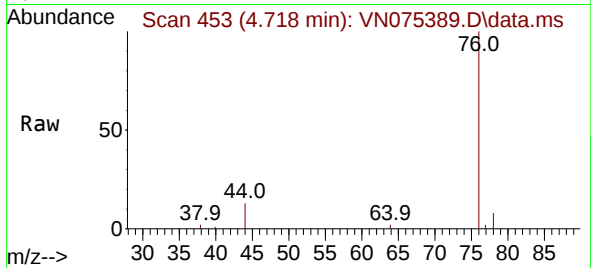
Tgt Ion: 43 Resp: 63674  
Ion Ratio Lower Upper  
43 100  
58 39.1 25.5 38.3#





#17  
Carbon Disulfide  
Concen: 18.779 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

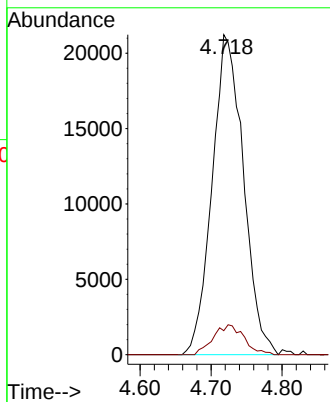
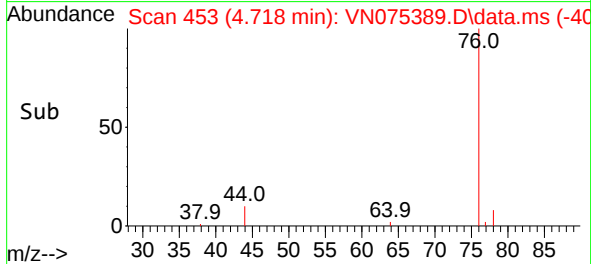
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



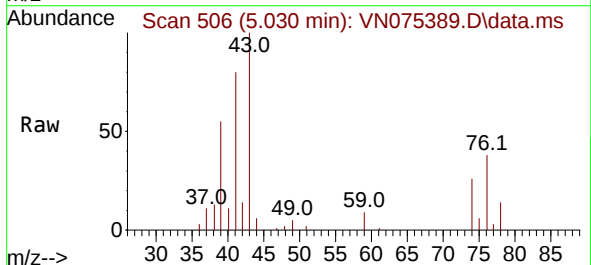
Tgt Ion: 76 Resp: 64909  
Ion Ratio Lower Upper  
76 100  
78 7.5 7.4 11.2

Manual Integrations  
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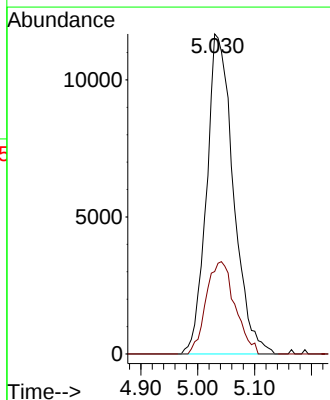
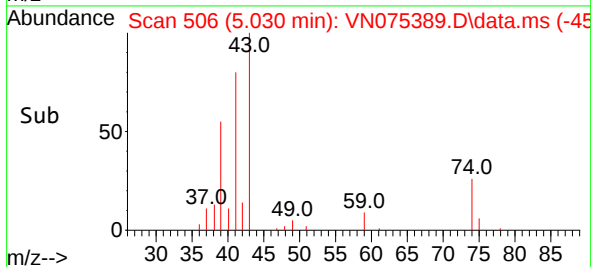
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

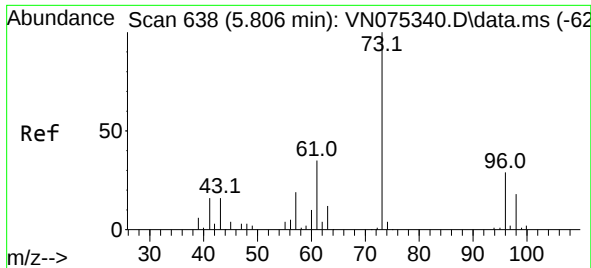


#18  
Methyl Acetate  
Concen: 20.345 ug/l  
RT: 5.030 min Scan# 506  
Delta R.T. -0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion: 43 Resp: 38274  
Ion Ratio Lower Upper  
43 100  
74 31.0 22.0 33.0





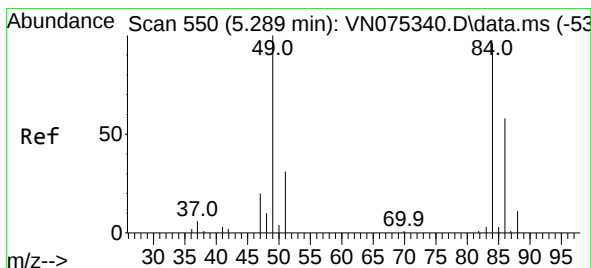
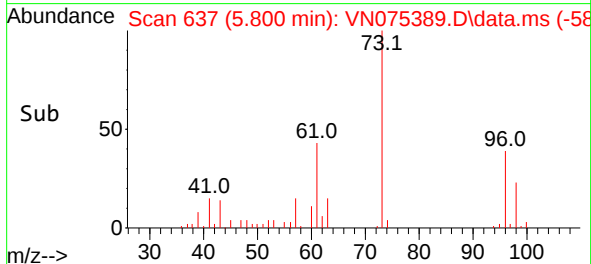
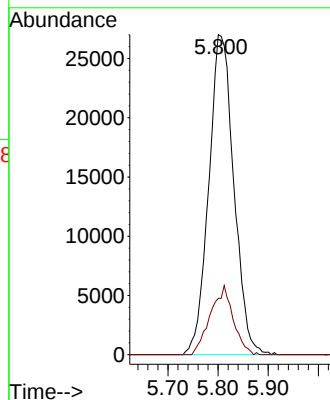
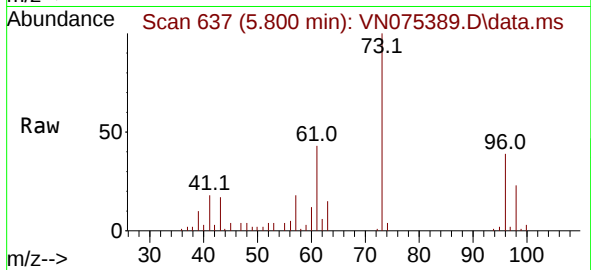
#19  
Methyl tert-butyl Ether  
Concen: 19.936 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 73 Resp: 9392  
Ion Ratio Lower Upper  
73 100  
57 17.6 16.3 24.5

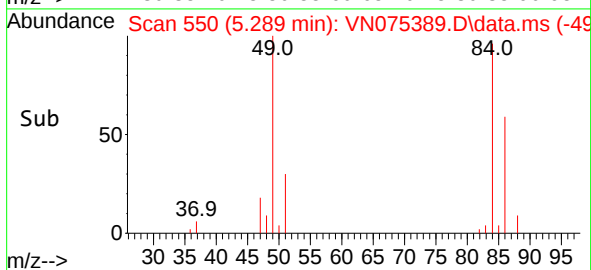
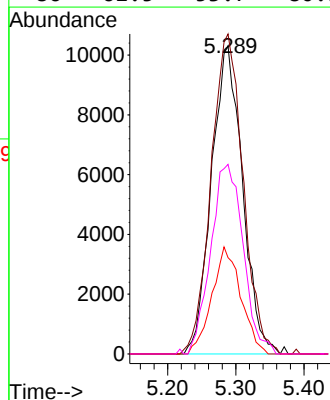
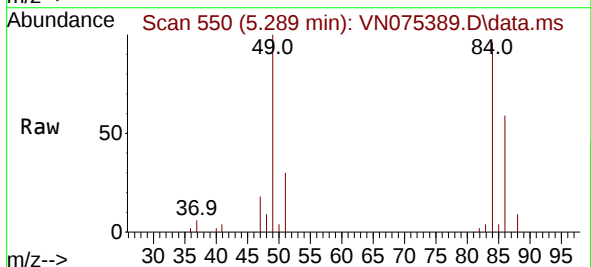
Manual Integrations  
APPROVED

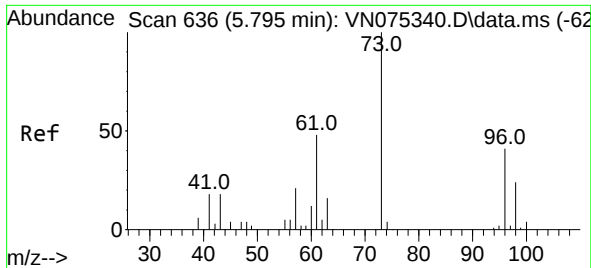
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#20  
Methylene Chloride  
Concen: 21.642 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 84 Resp: 32616  
Ion Ratio Lower Upper  
84 100  
49 103.8 94.9 142.3  
51 31.3 26.8 40.2  
86 61.5 53.7 80.5





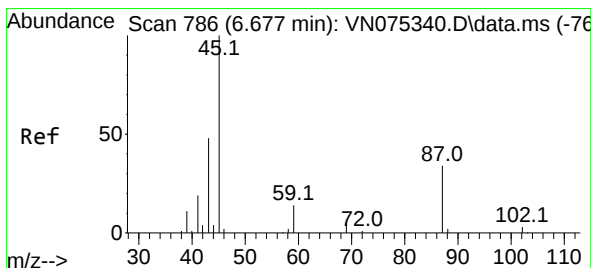
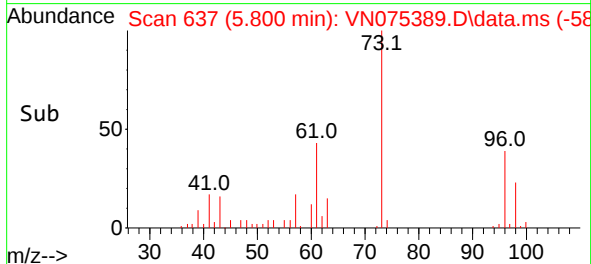
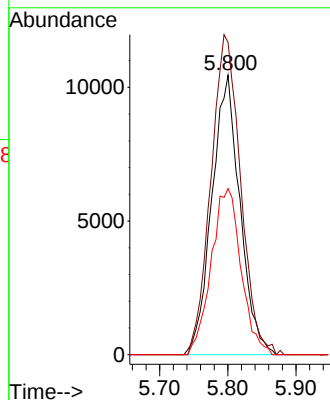
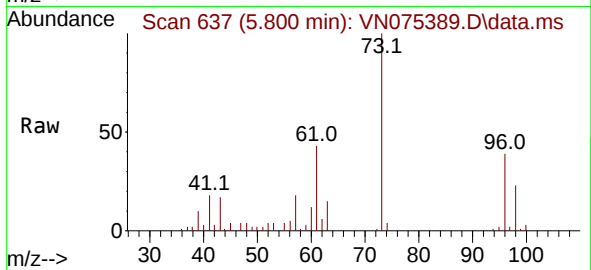
#21  
trans-1,2-Dichloroethene  
Concen: 19.813 ug/l  
RT: 5.800 min Scan# 611  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 96 Resp: 3003  
Ion Ratio Lower Upper  
96 100  
61 111.7 99.9 149.9  
98 59.4 51.5 77.3

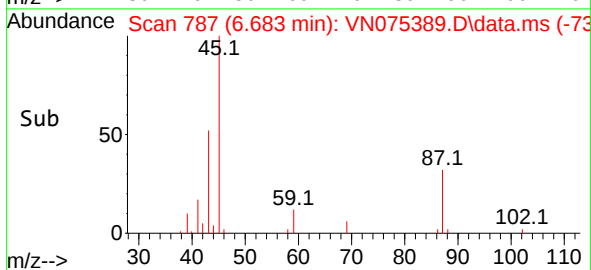
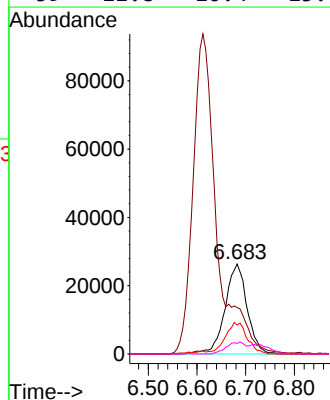
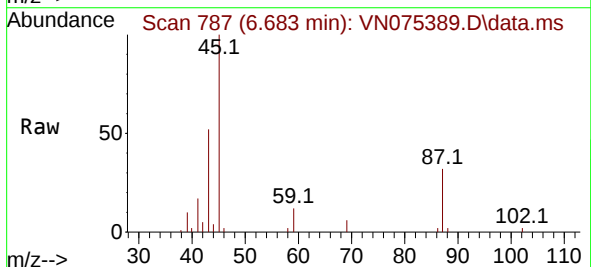
Manual Integrations  
APPROVED

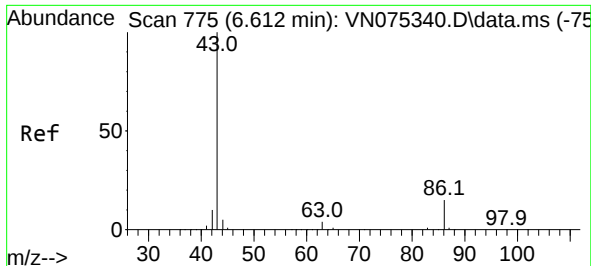
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#22  
Diisopropyl ether  
Concen: 21.089 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 45 Resp: 82793  
Ion Ratio Lower Upper  
45 100  
43 49.9 42.8 64.2  
87 32.3 28.4 42.6  
59 11.8 10.4 15.6





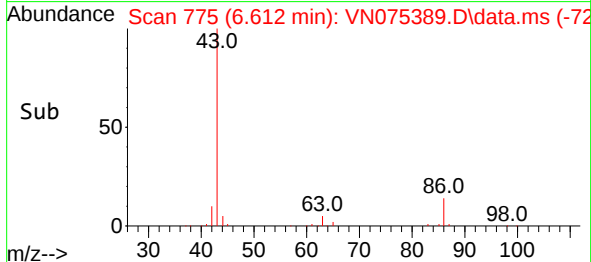
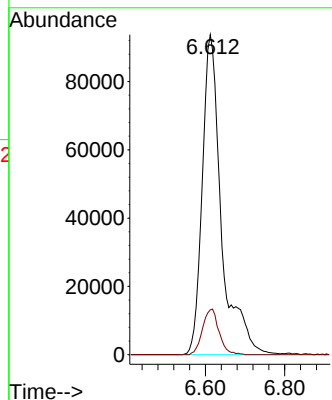
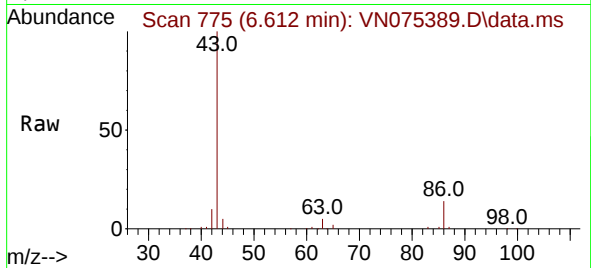
#23  
 Vinyl Acetate  
 Concen: 100.909 ug/l  
 RT: 6.612 min Scan# 711  
 Delta R.T. -0.000 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01

Tgt Ion: 43 Resp: 315170  
 Ion Ratio Lower Upper  
 43 100  
 86 14.0 10.7 16.1

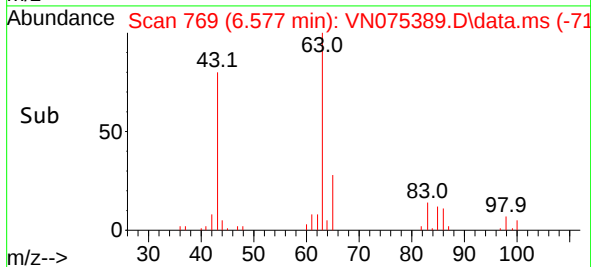
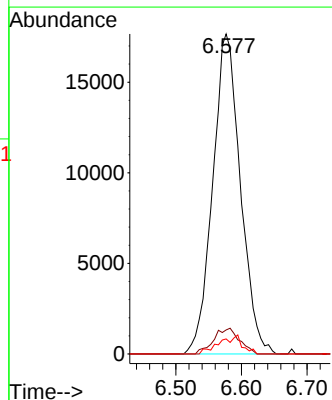
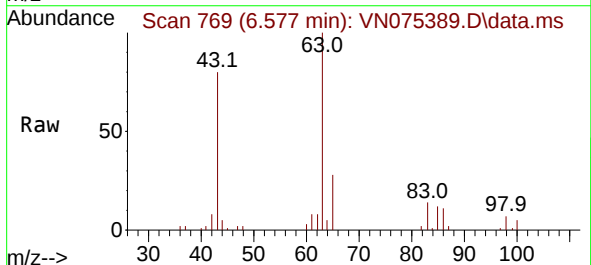
Manual Integrations  
 APPROVED

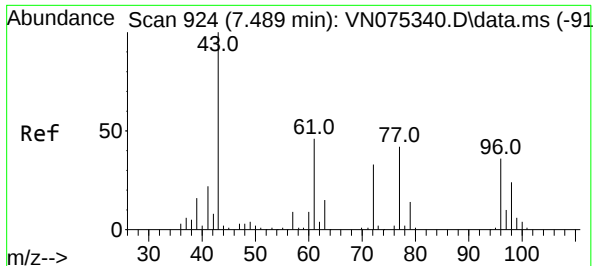
Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/28/2022



#24  
 1,1-Dichloroethane  
 Concen: 20.577 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Tgt Ion: 63 Resp: 51852  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.6 10.8  
 100 4.7 2.4 7.2





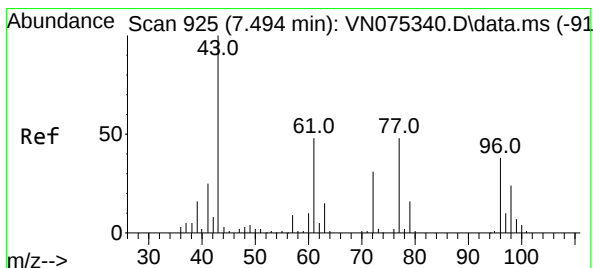
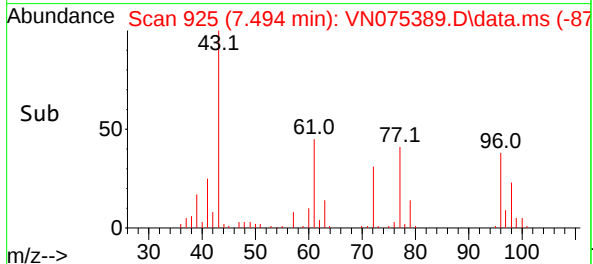
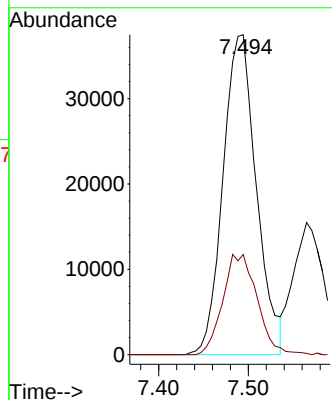
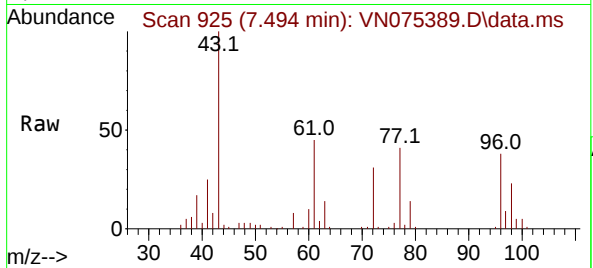
#25  
2-Butanone  
Concen: 96.467 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 43 Resp: 9684  
Ion Ratio Lower Upper  
43 100  
72 31.3 25.5 38.3

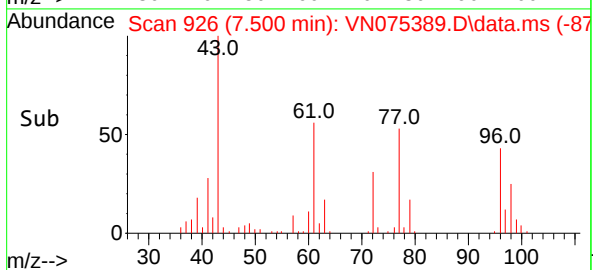
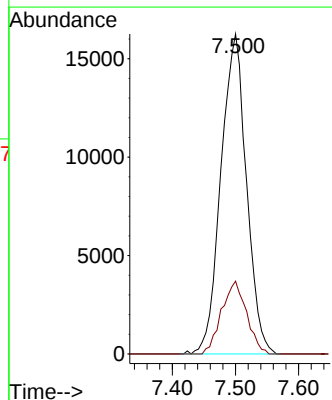
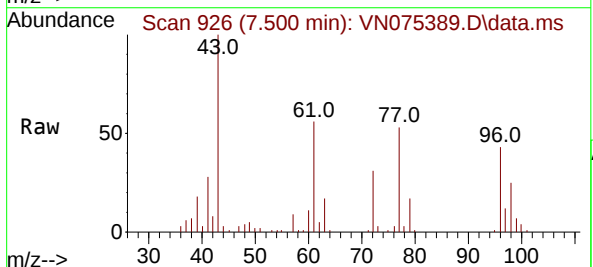
Manual Integrations  
APPROVED

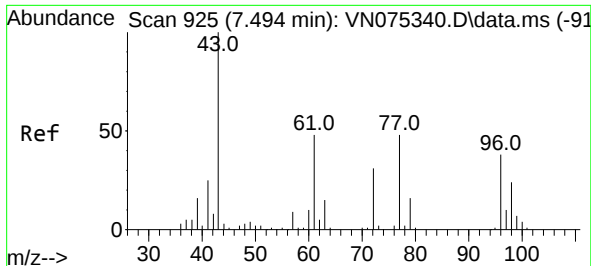
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#26  
2,2-Dichloropropane  
Concen: 19.488 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 77 Resp: 45641  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.954 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

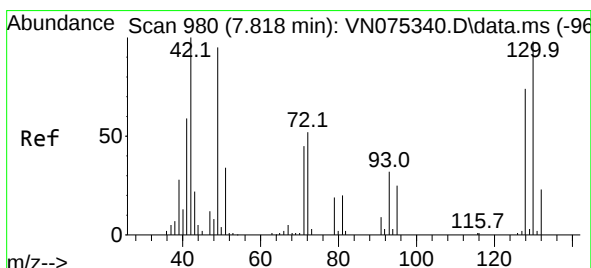
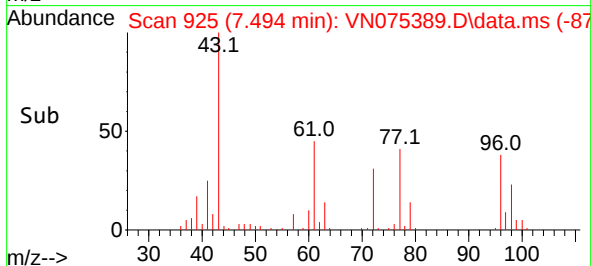
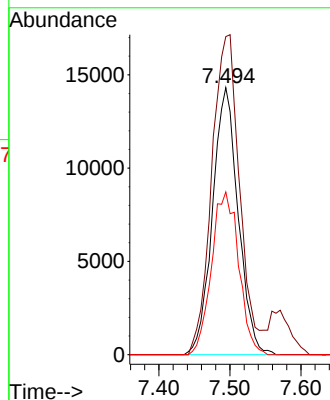
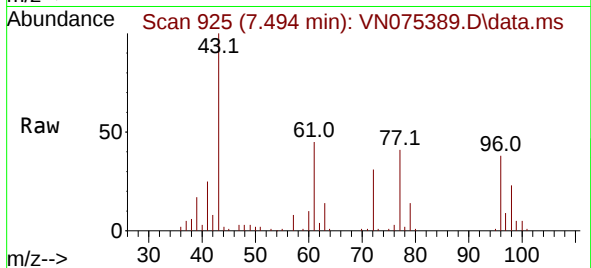
Tgt Ion: 96 Resp: 35914  
 Ion Ratio Lower Upper  
 96 100  
 61 128.9 0.0 278.8  
 98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#28

Bromochloromethane

Concen: 21.627 ug/l

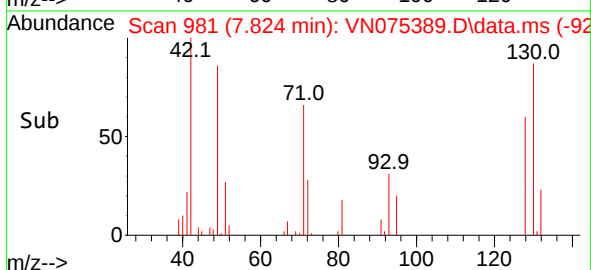
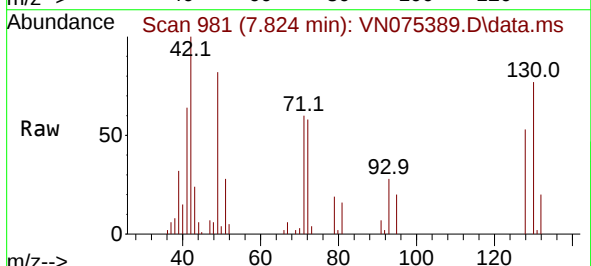
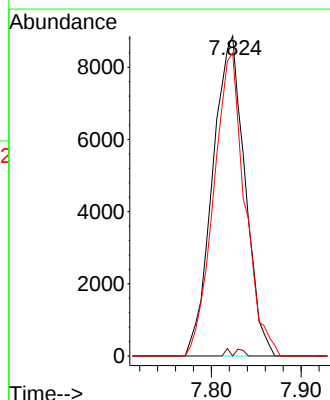
RT: 7.824 min Scan# 981

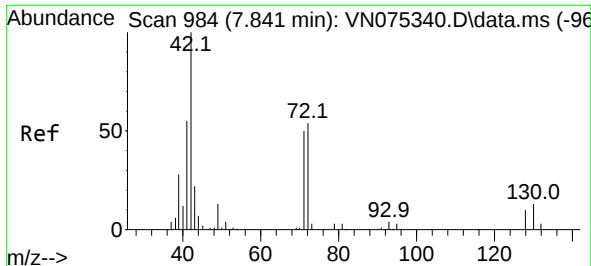
Delta R.T. 0.006 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion: 49 Resp: 22122  
 Ion Ratio Lower Upper  
 49 100  
 129 0.6 0.0 4.6  
 130 91.5 66.2 99.4





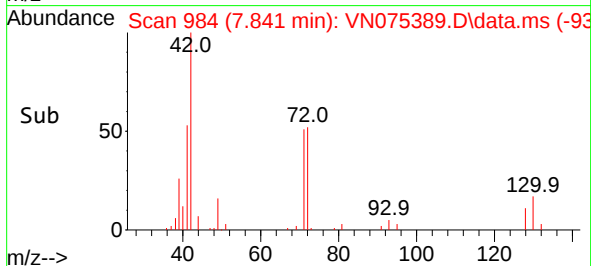
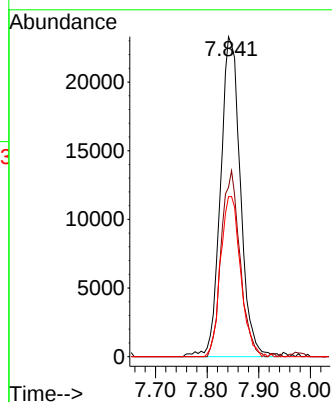
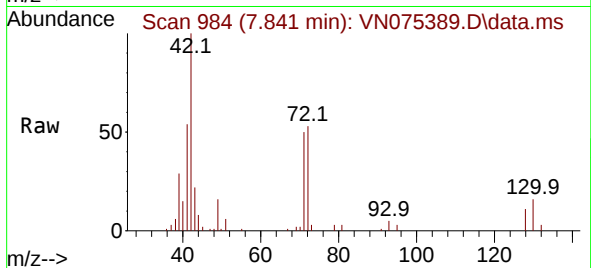
#29  
Tetrahydrofuran  
Concen: 102.041 ug/l  
RT: 7.841 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 42 Resp: 6231  
Ion Ratio Lower Upper  
42 100  
72 54.7 43.0 64.6  
71 50.6 39.9 59.9

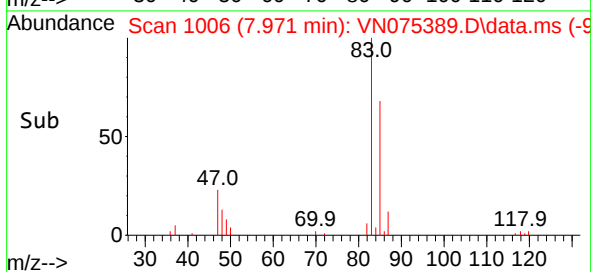
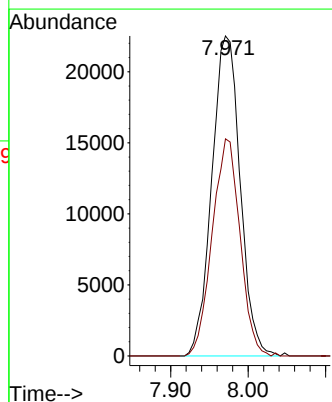
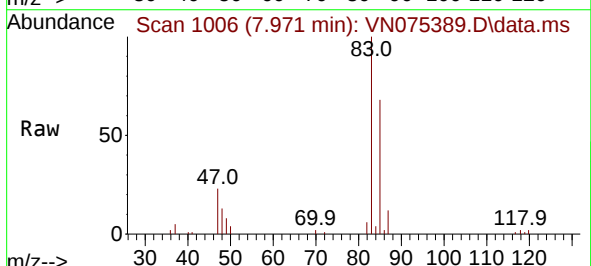
Manual Integrations  
APPROVED

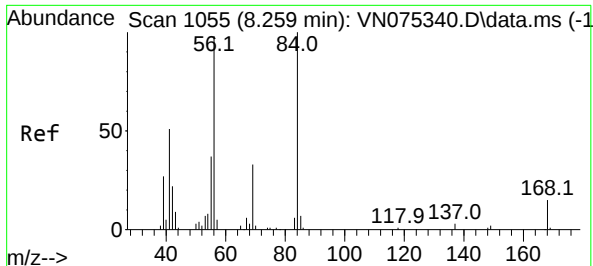
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#30  
Chloroform  
Concen: 19.787 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

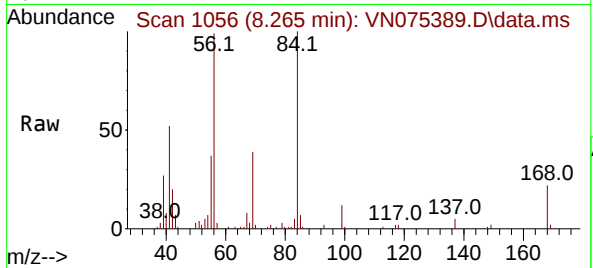
Tgt Ion: 83 Resp: 57261  
Ion Ratio Lower Upper  
83 100  
85 67.8 51.4 77.0





#31  
Cyclohexane  
Concen: 19.343 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

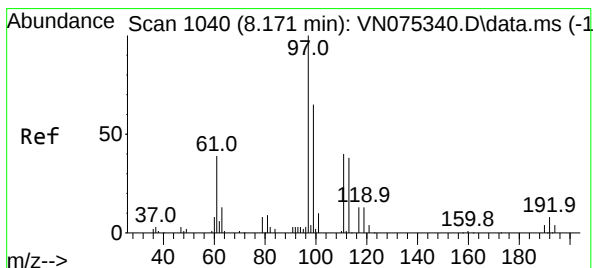
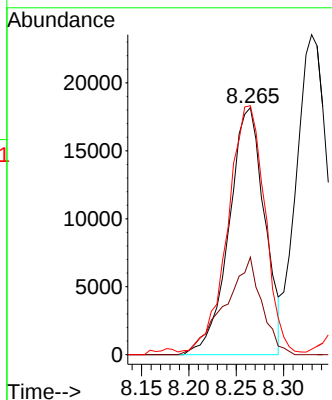
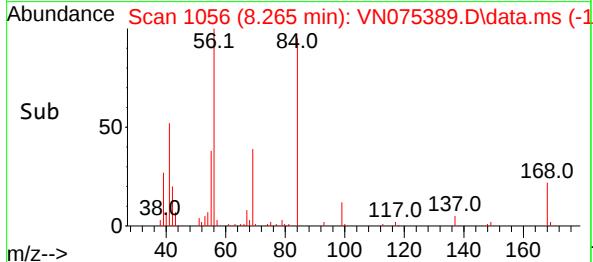
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion: 56 Resp: 47379  
Ion Ratio Lower Upper  
56 100  
69 39.4 25.2 37.8  
84 99.7 77.8 116.8

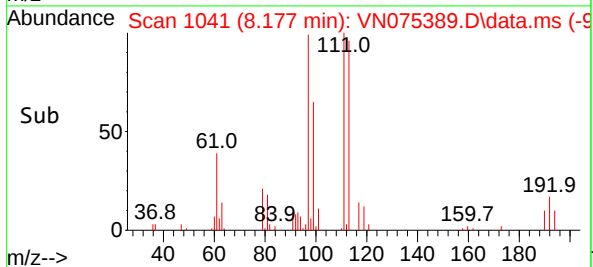
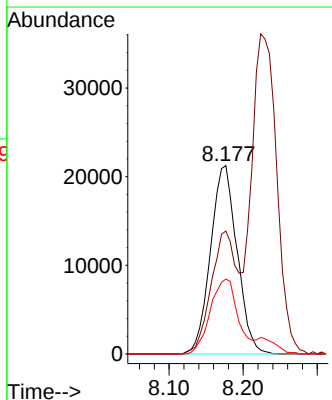
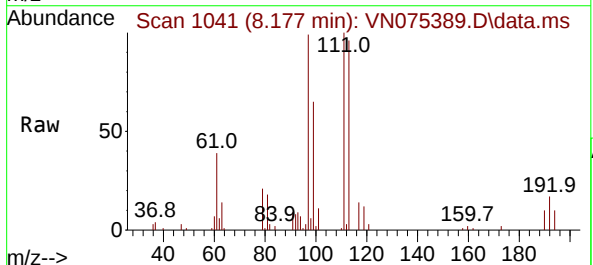
Manual Integrations  
APPROVED

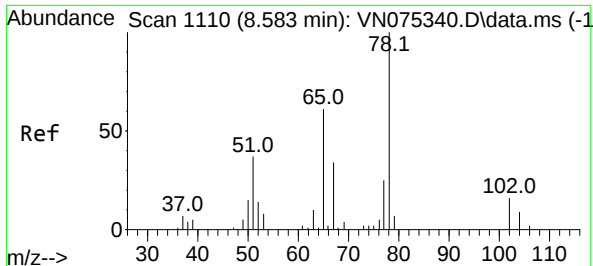
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#32  
1,1,1-Trichloroethane  
Concen: 20.130 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 97 Resp: 52891  
Ion Ratio Lower Upper  
97 100  
99 61.7 50.2 75.2  
61 41.4 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.937 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 65 Resp: 4158

Ion Ratio Lower Upper

65 100

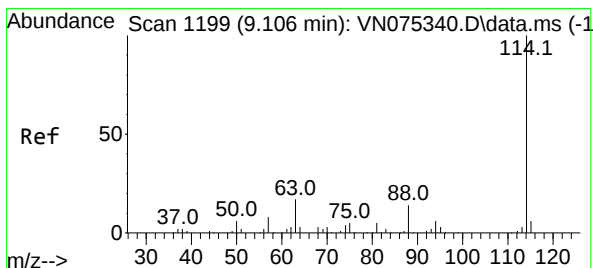
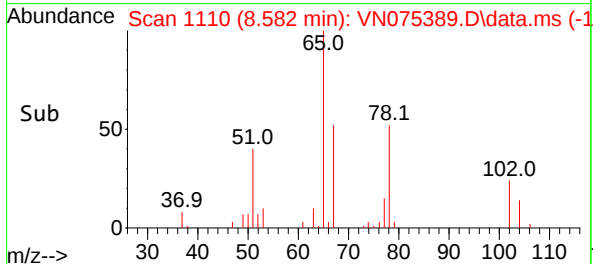
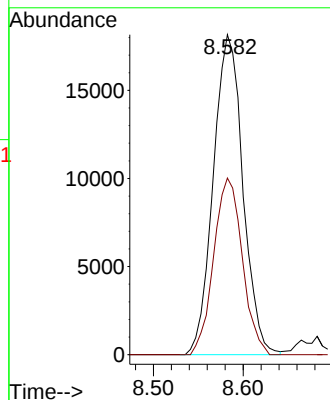
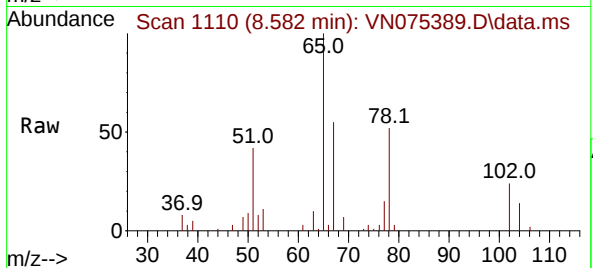
67 53.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

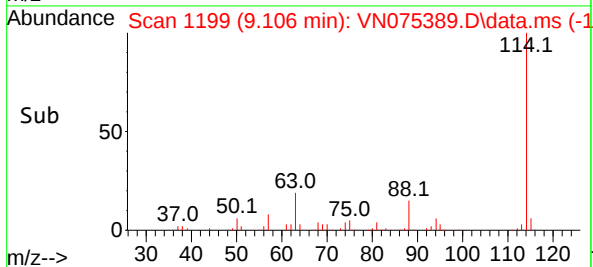
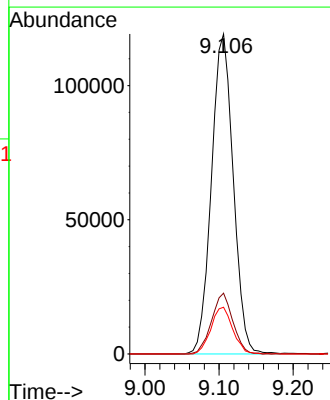
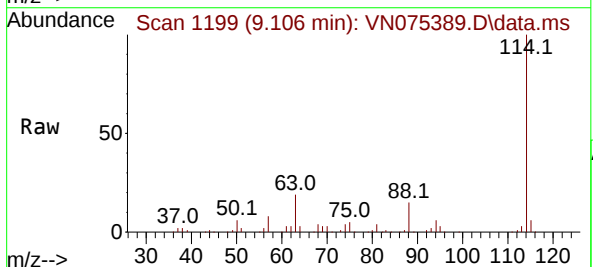
Tgt Ion:114 Resp: 243749

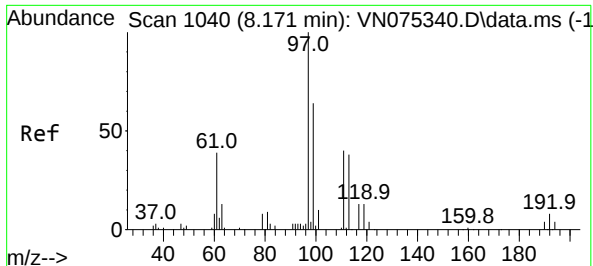
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

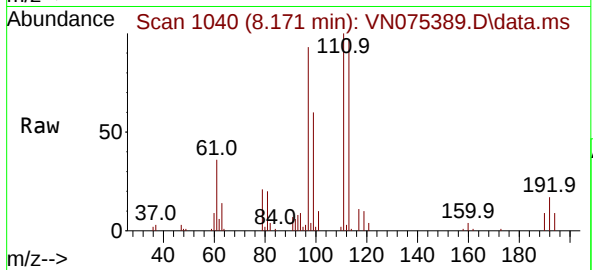
88 14.6 0.0 29.0





#35  
Dibromofluoromethane  
Concen: 54.037 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

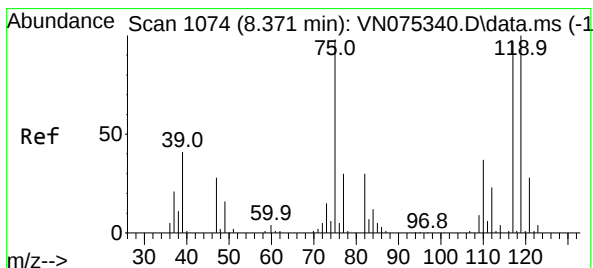
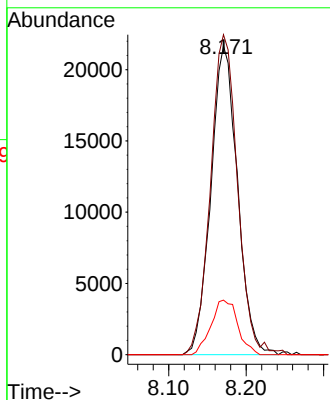
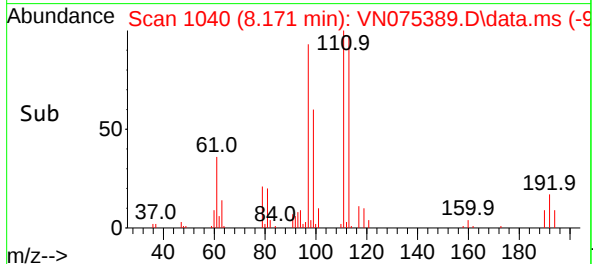
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



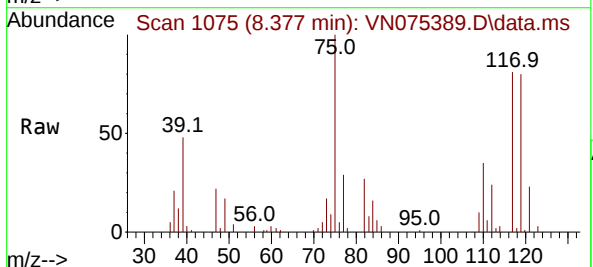
Tgt Ion:113 Resp: 5174  
Ion Ratio Lower Upper  
113 100  
111 104.9 80.5 120.7  
192 17.8 13.2 19.8

Manual Integrations  
APPROVED

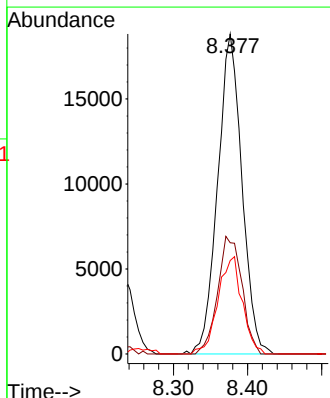
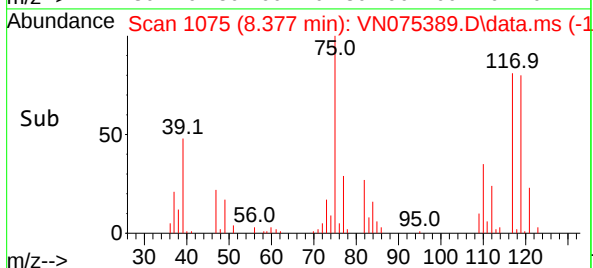
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

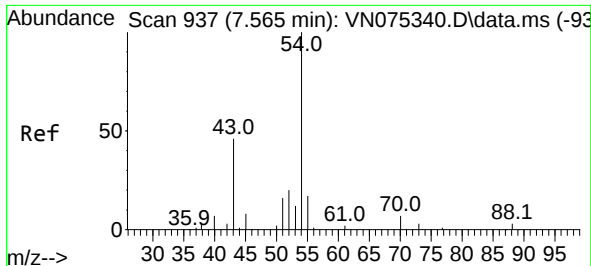


#36  
1,1-Dichloropropene  
Concen: 20.468 ug/l  
RT: 8.377 min Scan# 1075  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion: 75 Resp: 42740  
Ion Ratio Lower Upper  
75 100  
110 36.7 17.8 53.3  
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 20.882 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 43 Resp: 3926

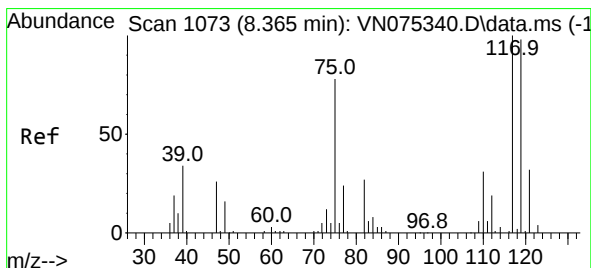
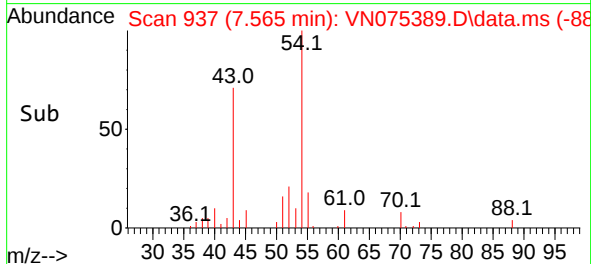
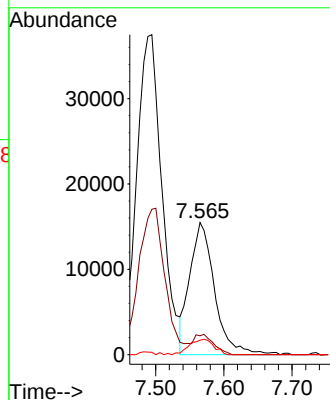
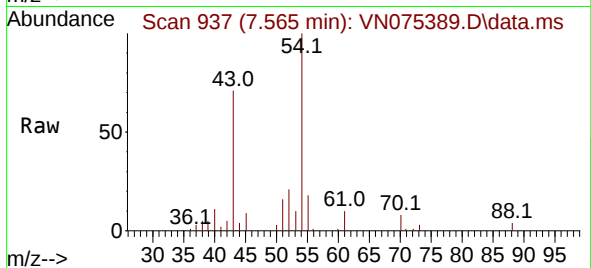
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 11.4  | 12.2  | 18.4  |
| 70  | 11.5  | 9.4   | 14.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 20.421 ug/l

RT: 8.365 min Scan# 1073

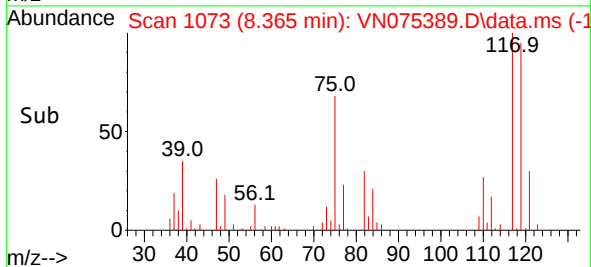
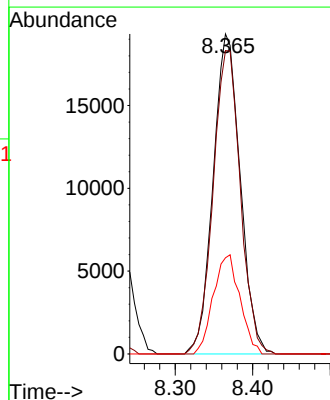
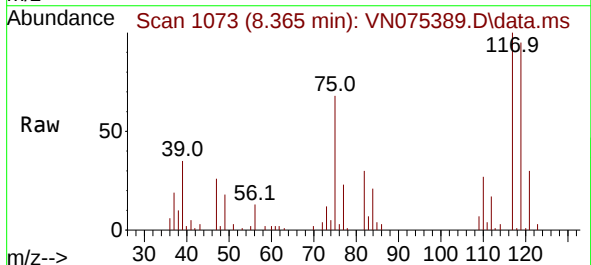
Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion:117 Resp: 46843

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 94.8  | 76.7  | 115.1 |
| 121 | 30.1  | 23.9  | 35.9  |





#39

Methylcyclohexane

Concen: 20.242 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

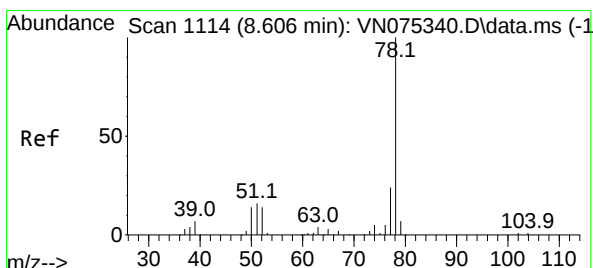
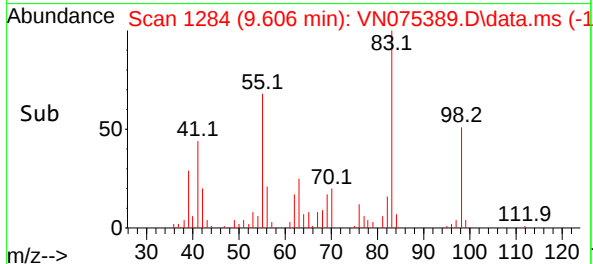
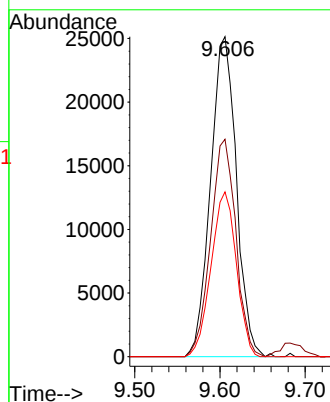
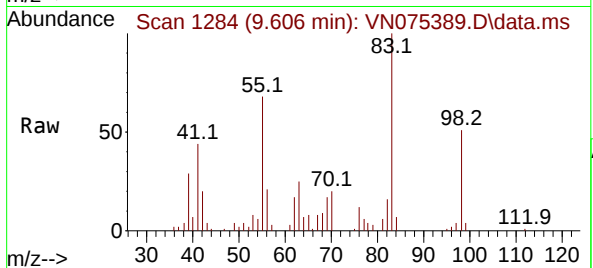
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 5290     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 68.0 53.6 80.4 |
| 98          | 51.5 41.1 61.7 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 20.003 ug/l

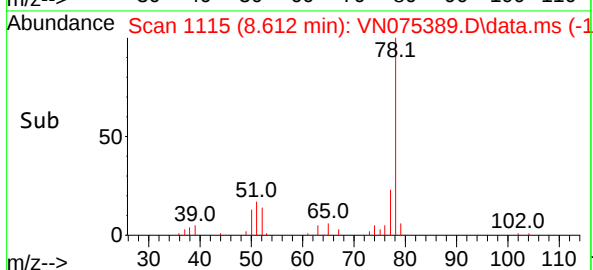
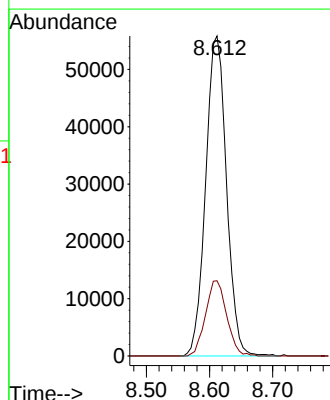
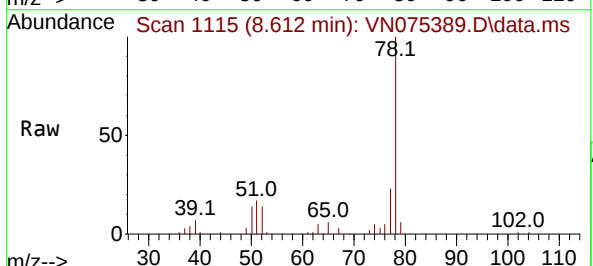
RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 127886   |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 23.5 19.4 29.0 |





#41  
Methacrylonitrile  
Concen: 20.359 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

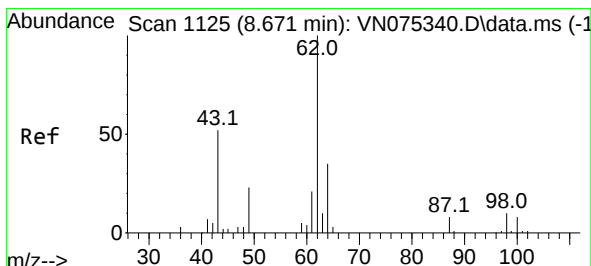
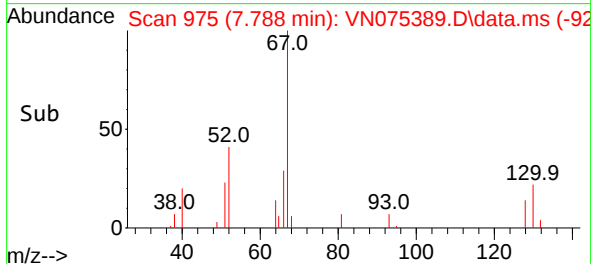
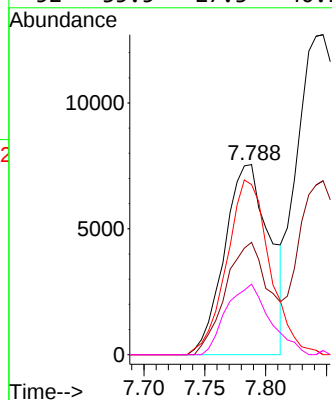
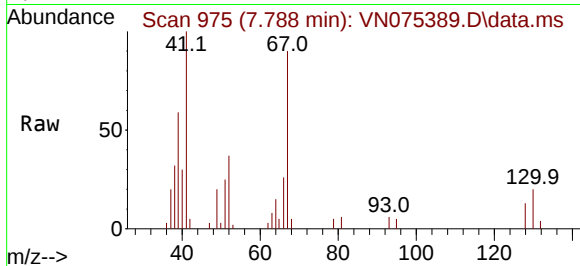
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 41 Resp: 19570

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.8  | 44.4  | 66.6  |
| 67  | 87.2  | 69.8  | 104.6 |
| 52  | 35.5  | 27.3  | 40.9  |

Manual Integrations  
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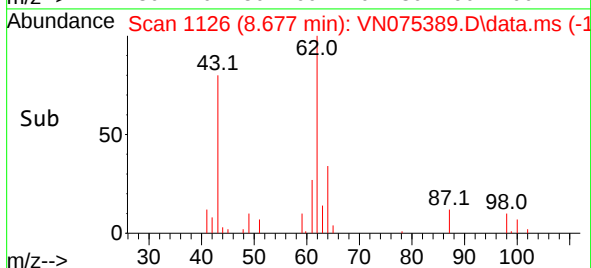
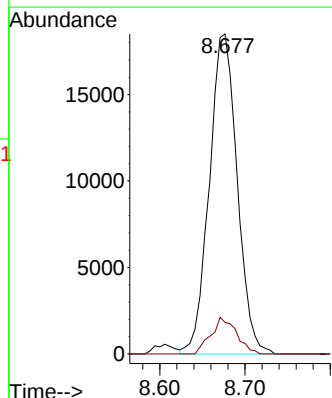
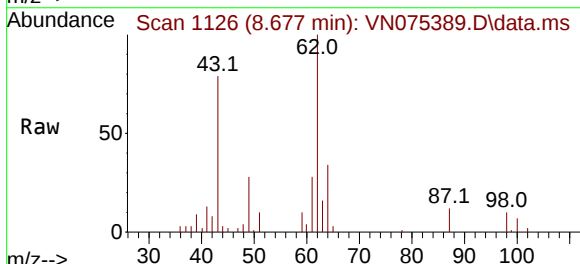
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

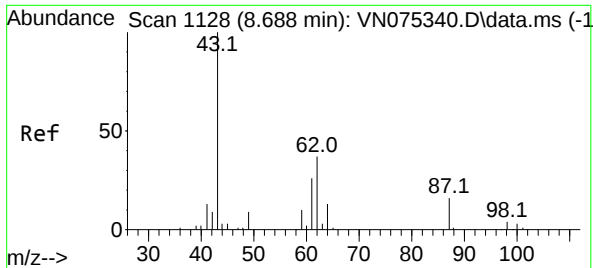


#42  
1,2-Dichloroethane  
Concen: 19.663 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 62 Resp: 42103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.4  | 0.0   | 18.2  |





#43

Isopropyl Acetate

Concen: 20.091 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

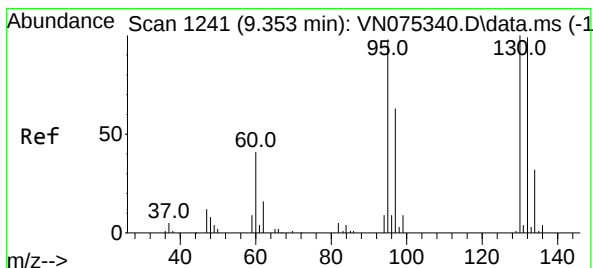
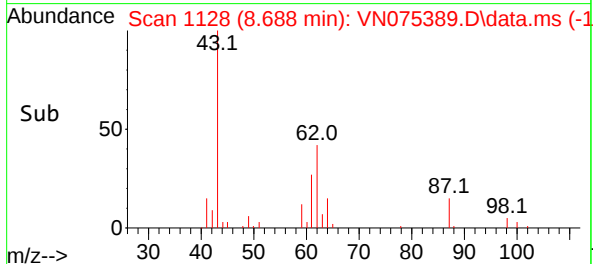
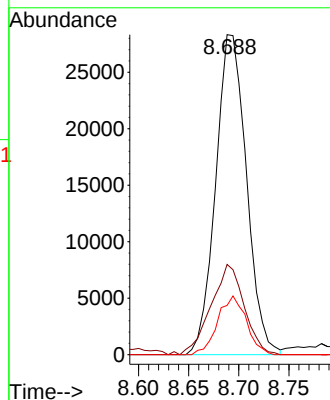
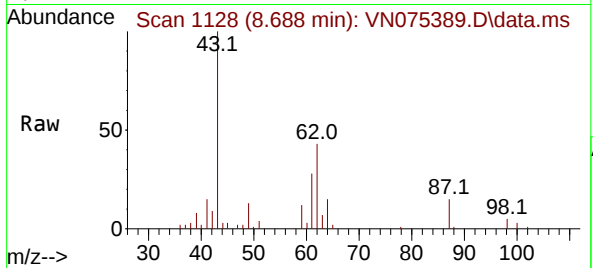
|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 60634    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 30.4 22.4 33.6 |
| 87          | 17.1 12.5 18.7 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#44

Trichloroethene

Concen: 20.229 ug/l

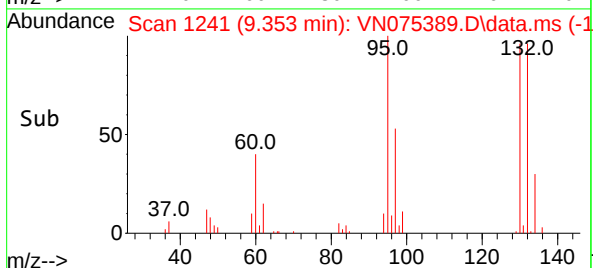
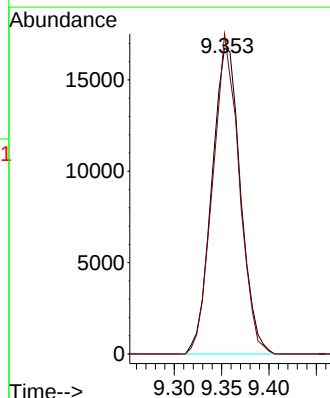
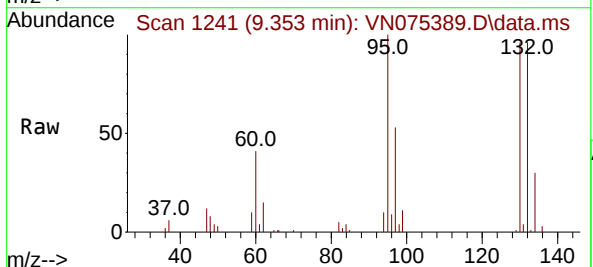
RT: 9.353 min Scan# 1241

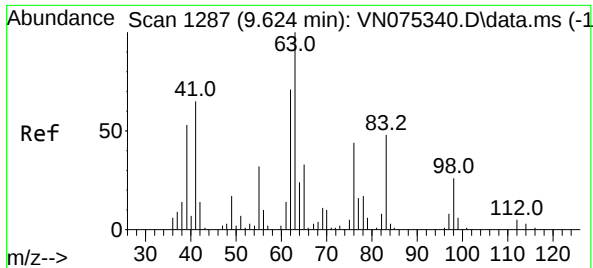
Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

|             |                 |
|-------------|-----------------|
| Tgt Ion:130 | Resp: 35388     |
| Ion Ratio   | Lower Upper     |
| 130         | 100             |
| 95          | 104.6 0.0 198.4 |





#45

1,2-Dichloropropane

Concen: 20.391 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 63 Resp: 3106

Ion Ratio Lower Upper

63 100

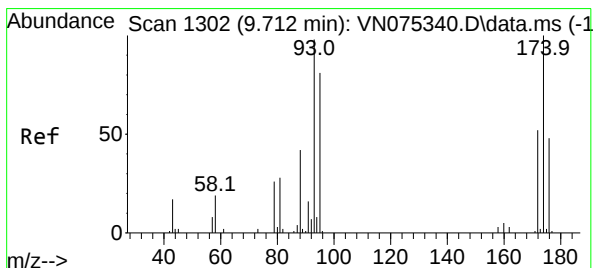
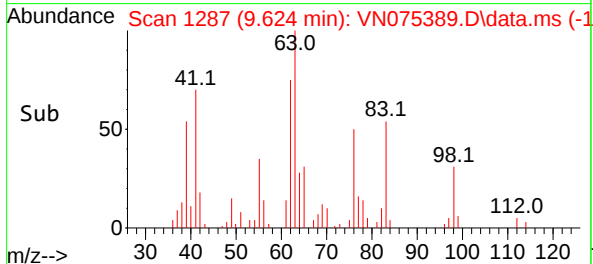
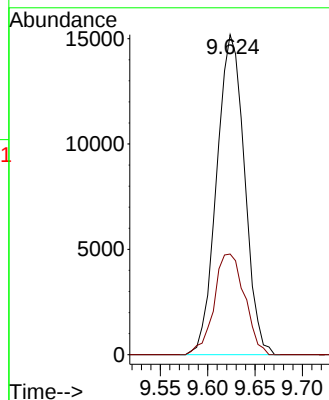
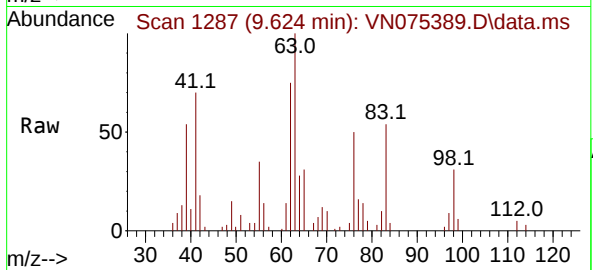
65 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 20.308 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

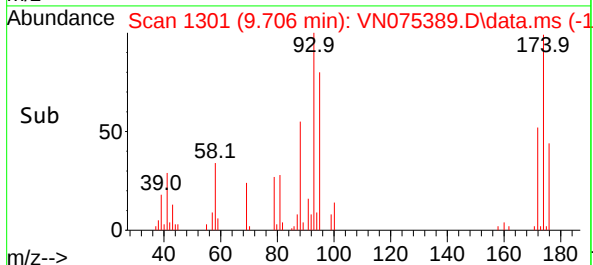
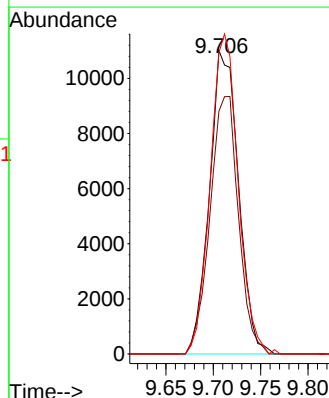
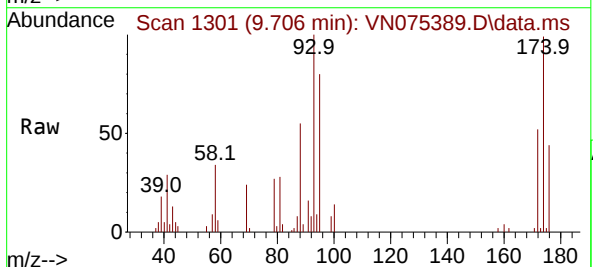
Tgt Ion: 93 Resp: 23402

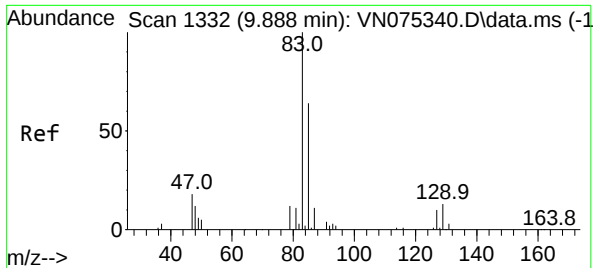
Ion Ratio Lower Upper

93 100

95 83.6 66.6 99.8

174 101.6 70.3 105.5





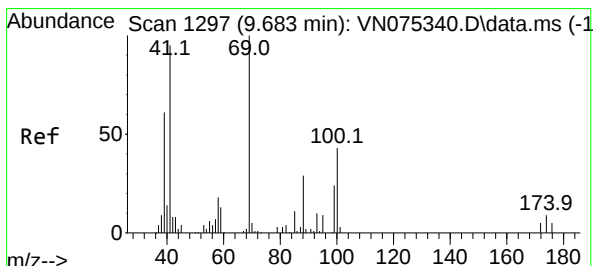
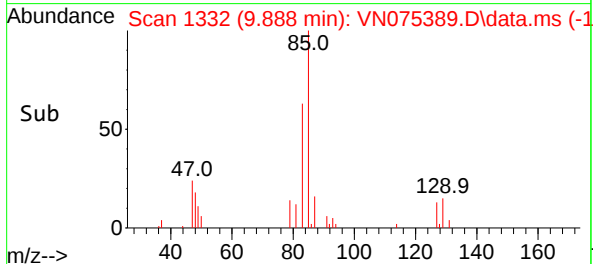
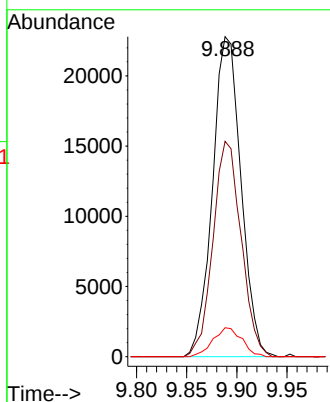
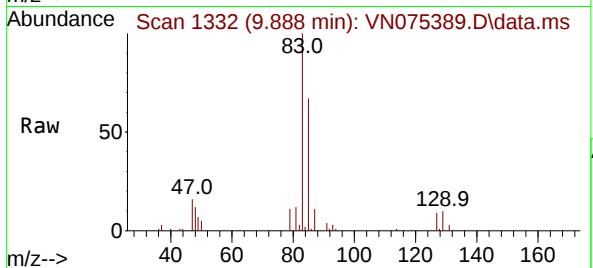
#47  
Bromodichloromethane  
Concen: 20.143 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 83 Resp: 4495  
Ion Ratio Lower Upper  
83 100  
85 67.3 52.1 78.1  
127 9.0 6.6 10.0

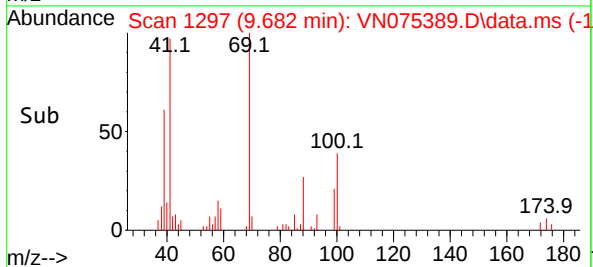
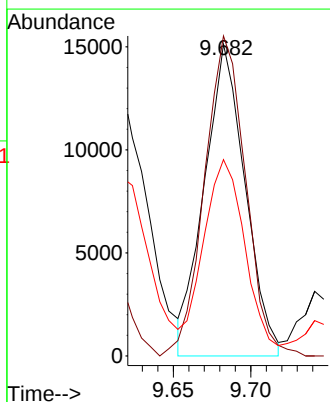
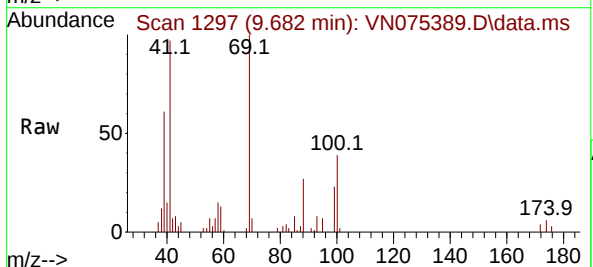
Manual Integrations  
APPROVED

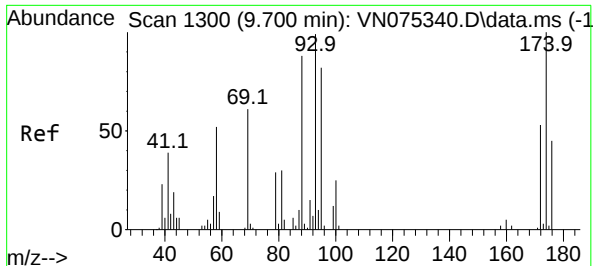
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#48  
Methyl methacrylate  
Concen: 19.806 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.001 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 41 Resp: 27640  
Ion Ratio Lower Upper  
41 100  
69 103.5 80.2 120.2  
39 65.1 56.2 84.2





#49

1,4-Dioxane

Concen: 390.324 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 88 Resp: 1546

Ion Ratio Lower Upper

88 100

43 25.0 17.5 26.3

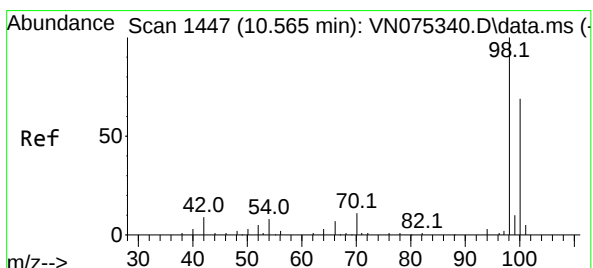
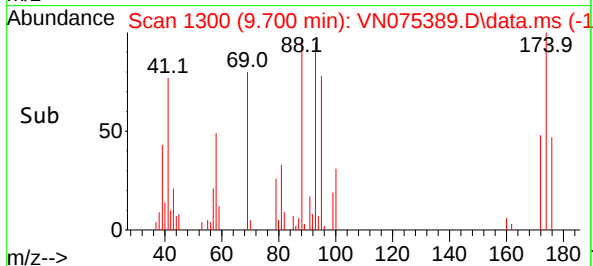
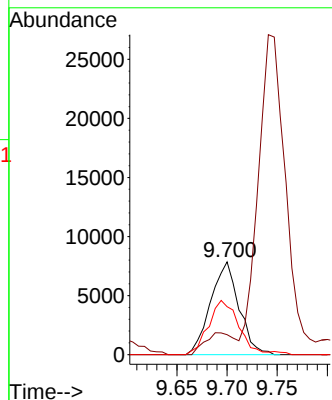
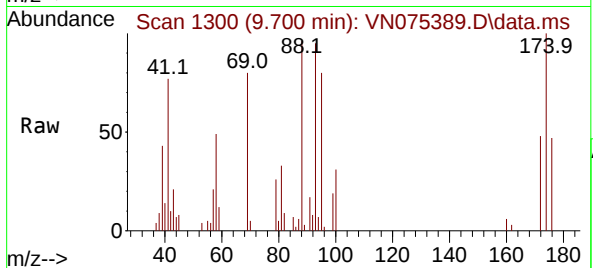
58 61.8 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 56.890 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075389.D

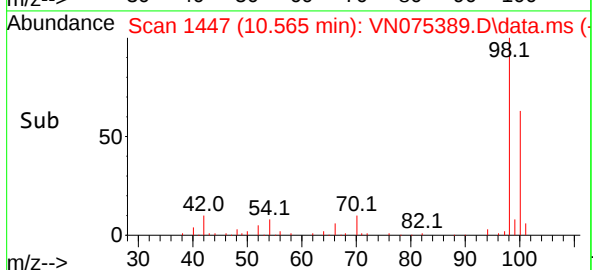
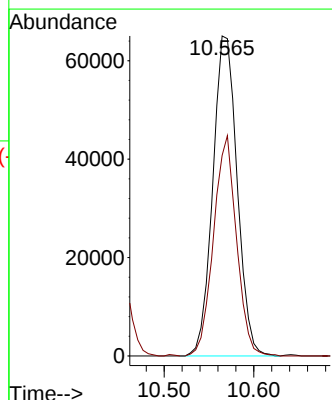
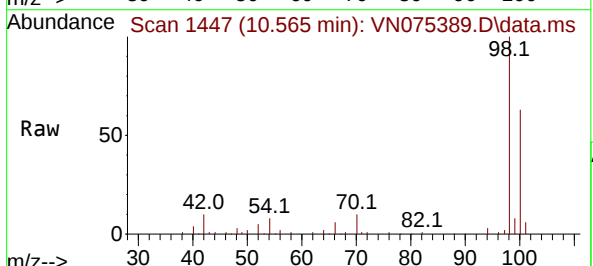
Acq: 23 Nov 2022 12:24

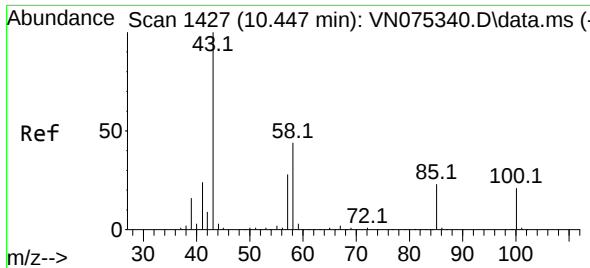
Tgt Ion: 98 Resp: 122691

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6





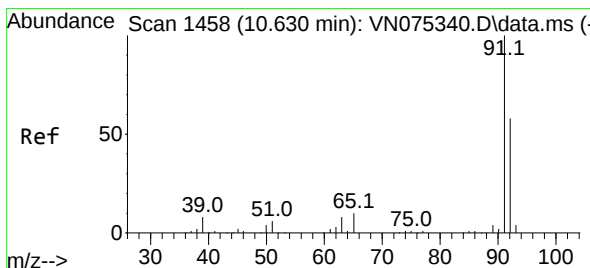
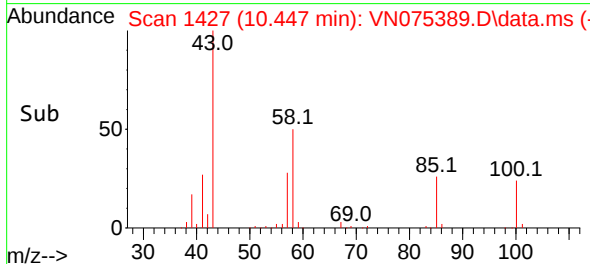
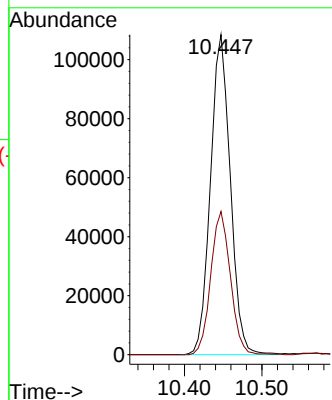
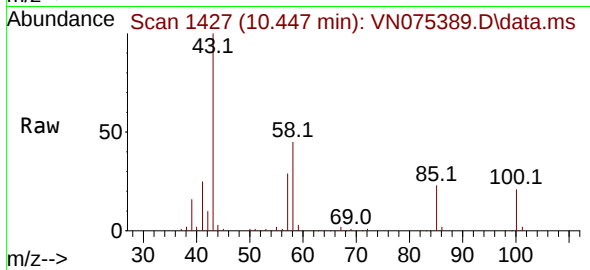
#51  
4-Methyl-2-Pentanone  
Concen: 100.485 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 43 Resp: 19315  
Ion Ratio Lower Upper  
43 100  
58 44.3 33.6 50.4

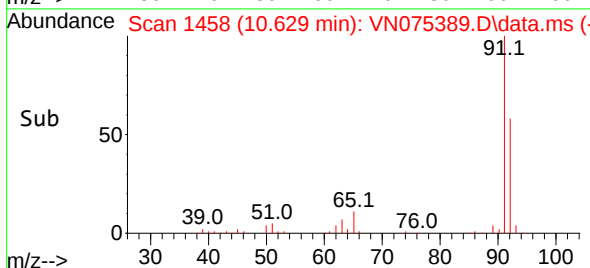
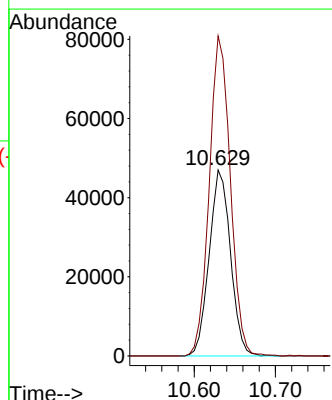
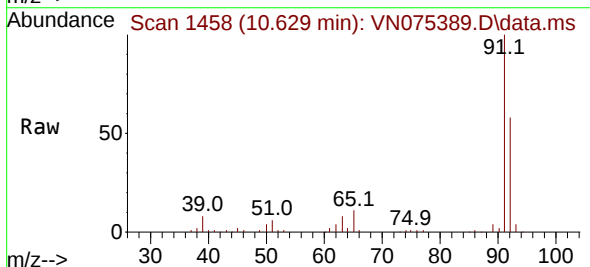
Manual Integrations  
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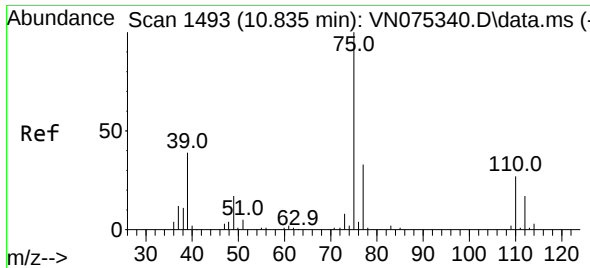
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#52  
Toluene  
Concen: 20.827 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.001 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

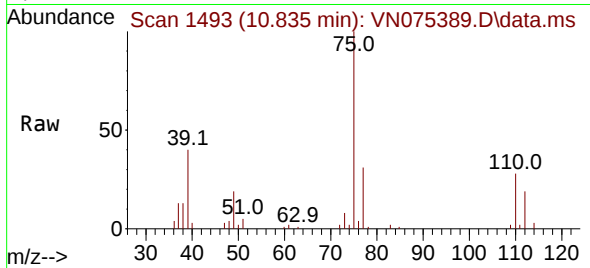
Tgt Ion: 92 Resp: 85803  
Ion Ratio Lower Upper  
92 100  
91 170.1 135.4 203.2





#53  
 t-1,3-Dichloropropene  
 Concen: 20.498 ug/l  
 RT: 10.835 min Scan# 1493  
 Delta R.T. 0.000 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

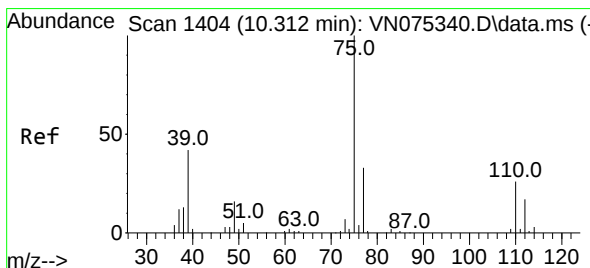
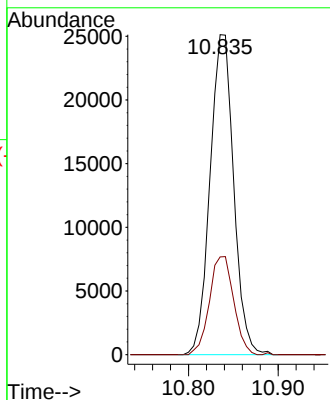
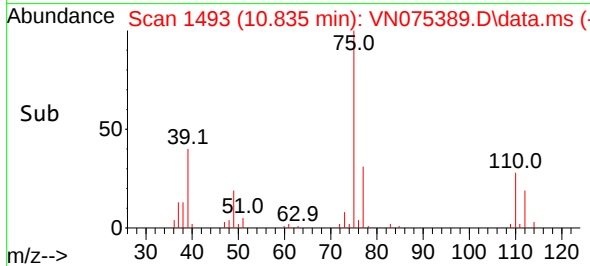
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01



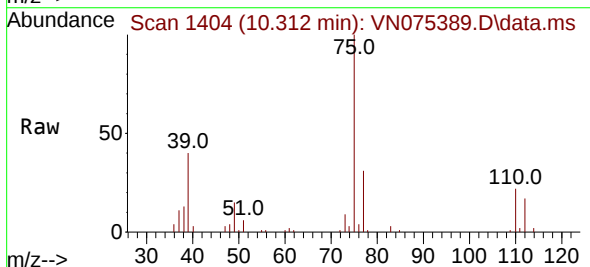
Tgt Ion: 75 Resp: 4592  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.4 38.2

Manual Integrations  
 APPROVED

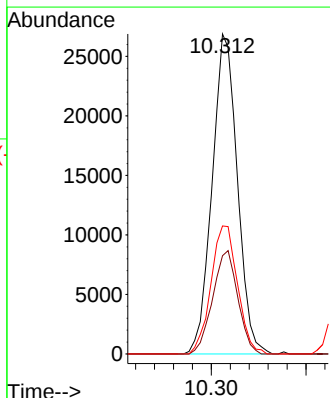
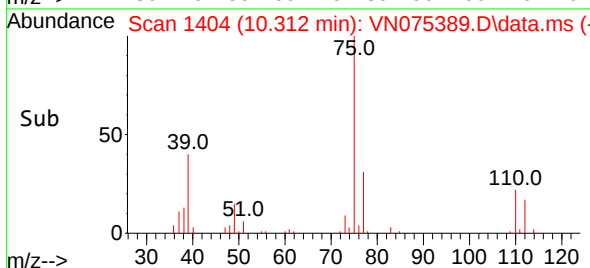
Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/28/2022

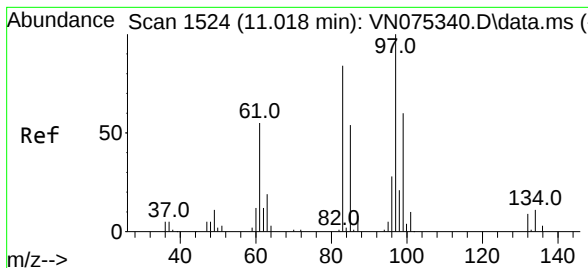


#54  
 cis-1,3-Dichloropropene  
 Concen: 20.428 ug/l  
 RT: 10.312 min Scan# 1404  
 Delta R.T. -0.000 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24



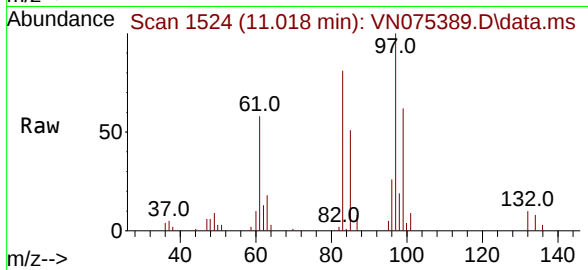
Tgt Ion: 75 Resp: 49707  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 23.7 35.5  
 39 40.0 35.8 53.6





#55  
1,1,2-Trichloroethane  
Concen: 20.694 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

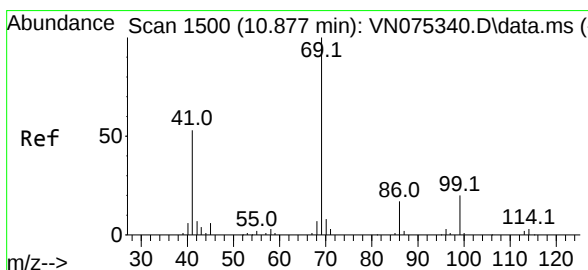
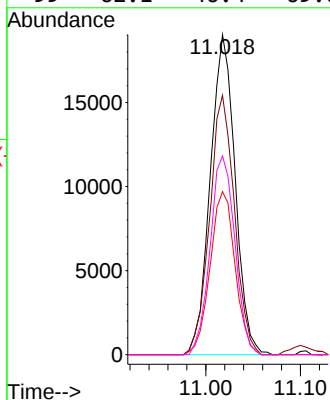
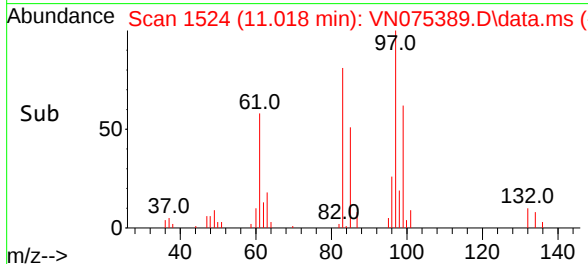


Tgt Ion: 97 Resp: 34725

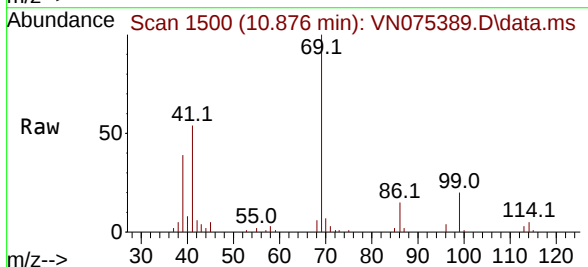
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 81.0  | 65.9  | 98.9  |
| 85  | 50.9  | 40.4  | 60.6  |
| 99  | 62.1  | 46.4  | 69.6  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

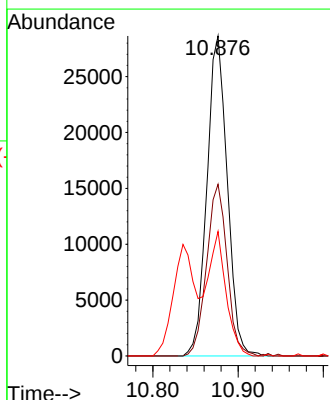
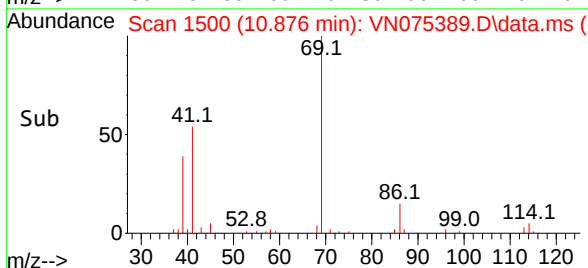


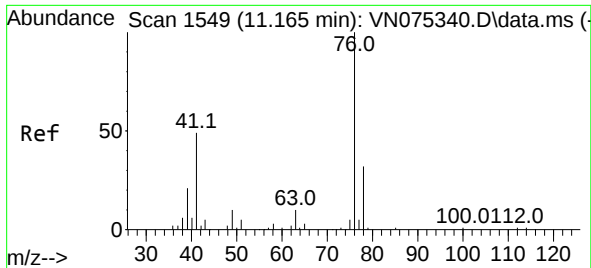
#56  
Ethyl methacrylate  
Concen: 20.977 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.001 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion: 69 Resp: 47537

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.1  | 45.6  | 68.4  |
| 39  | 36.3  | 28.5  | 42.7  |





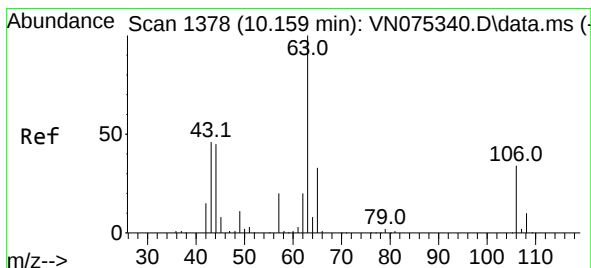
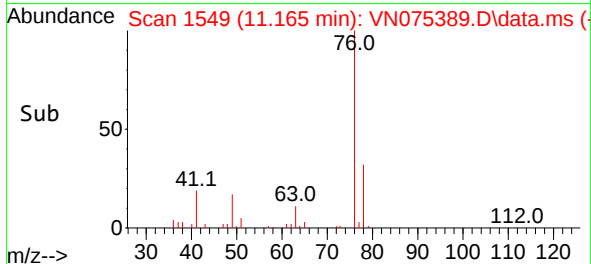
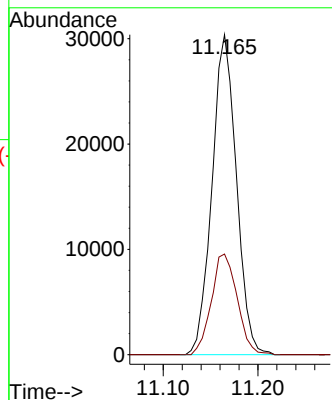
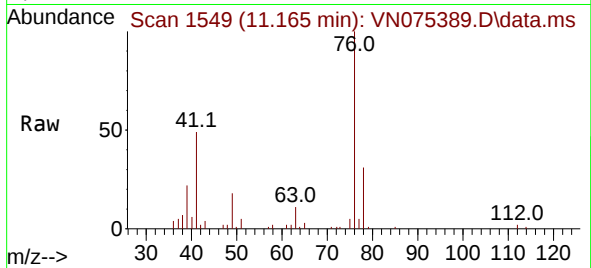
#57  
1,3-Dichloropropane  
Concen: 19.879 ug/l  
RT: 11.165 min Scan# 1549  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 76 Resp: 54389  
Ion Ratio Lower Upper  
76 100  
78 33.3 25.8 38.6

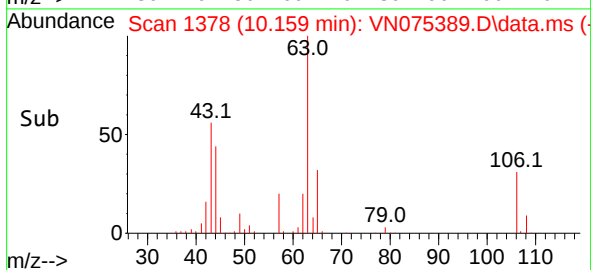
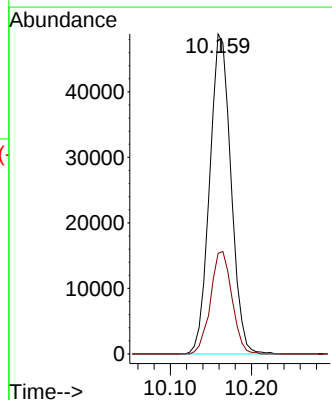
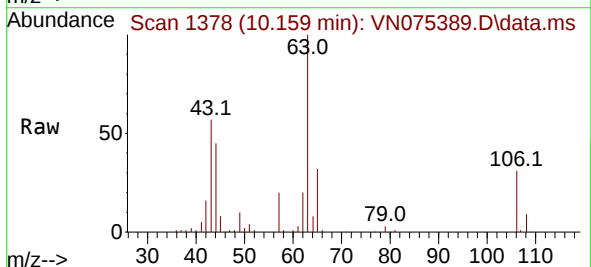
Manual Integrations  
APPROVED

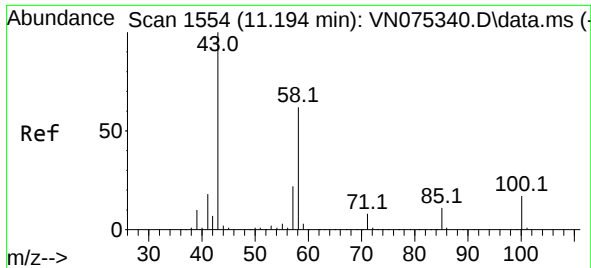
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#58  
2-Chloroethyl Vinyl ether  
Concen: 108.923 ug/l  
RT: 10.159 min Scan# 1378  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 63 Resp: 89021  
Ion Ratio Lower Upper  
63 100  
106 32.2 24.8 37.2





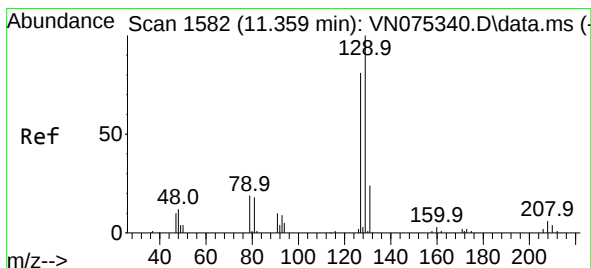
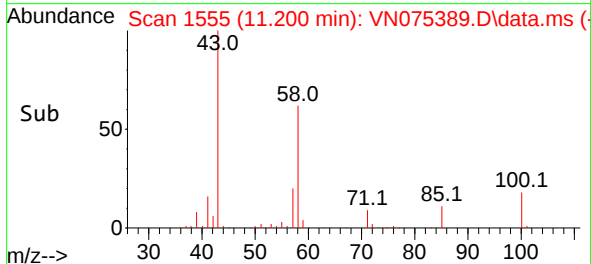
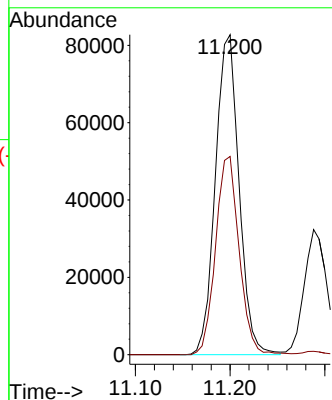
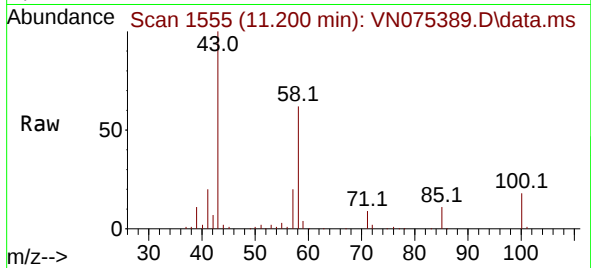
#59  
2-Hexanone  
Concen: 99.579 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 43 Resp: 14373  
Ion Ratio Lower Upper  
43 100  
58 61.6 29.6 88.8

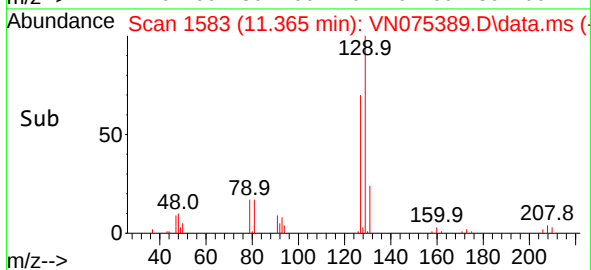
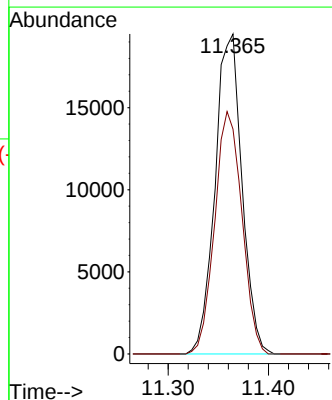
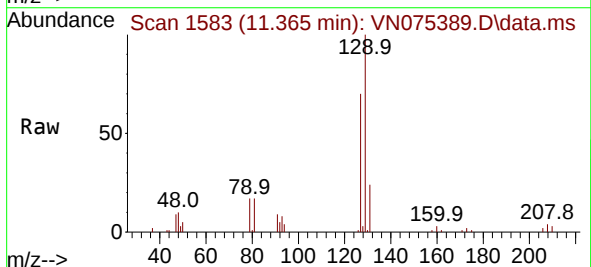
Manual Integrations  
APPROVED

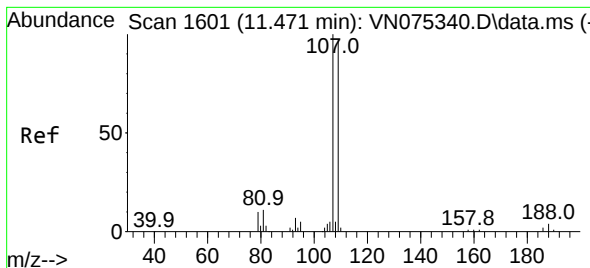
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#60  
Dibromochloromethane  
Concen: 21.113 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion:129 Resp: 36364  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 115.8





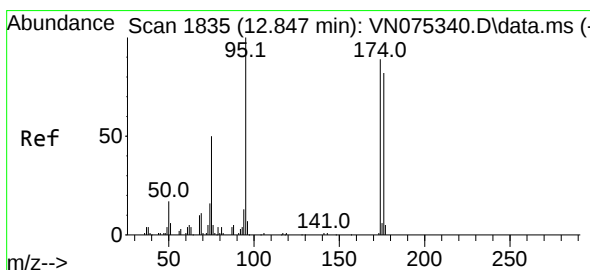
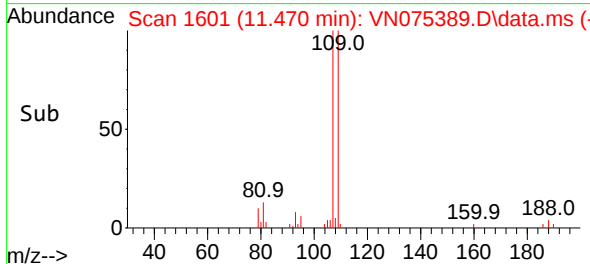
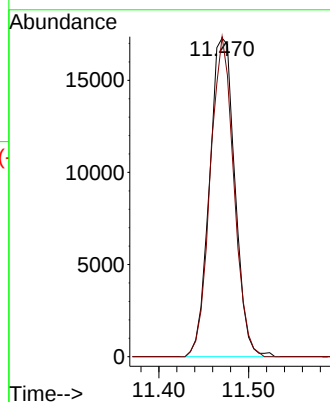
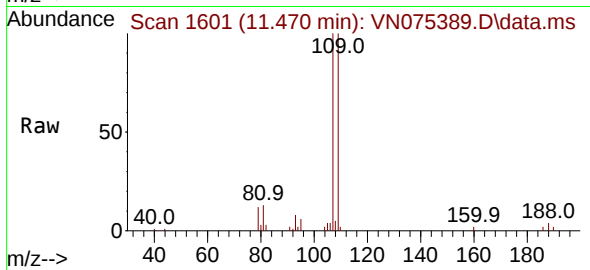
#61  
1,2-Dibromoethane  
Concen: 19.467 ug/l  
RT: 11.470 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion:107 Resp: 33904  
Ion Ratio Lower Upper  
107 100  
109 93.6 75.6 113.4

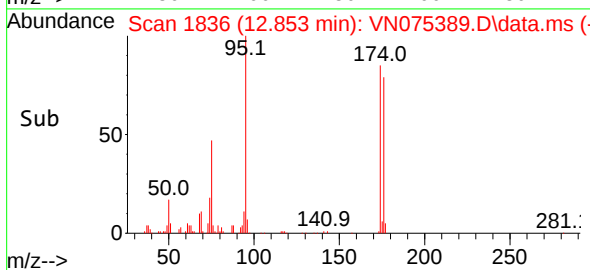
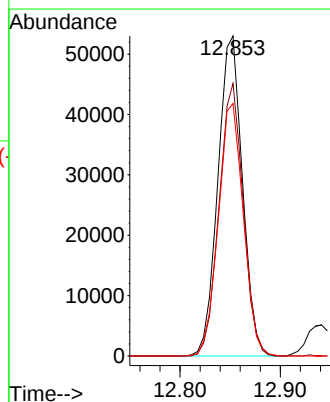
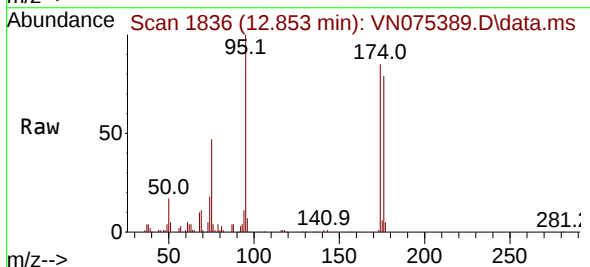
Manual Integrations  
APPROVED

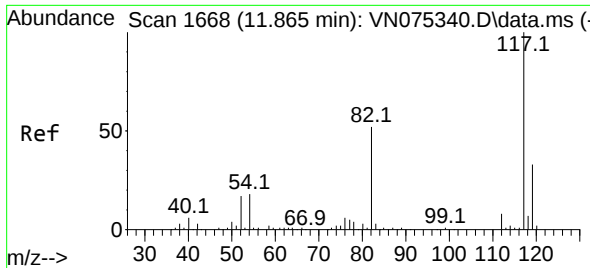
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#62  
4-Bromofluorobenzene  
Concen: 56.488 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

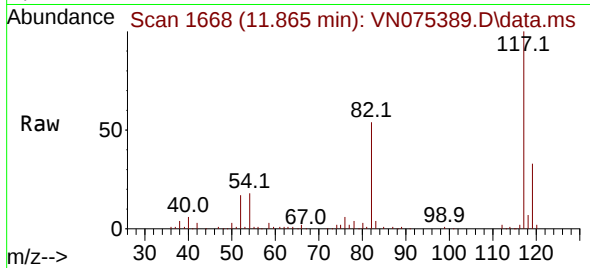
Tgt Ion: 95 Resp: 89919  
Ion Ratio Lower Upper  
95 100  
174 83.6 0.0 147.4  
176 80.3 0.0 142.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

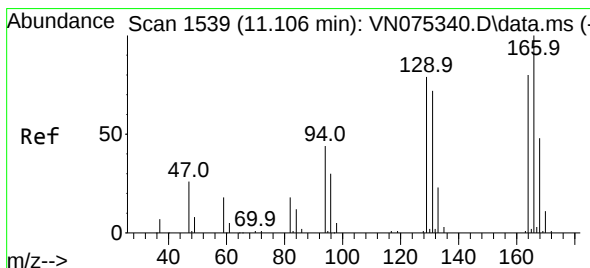
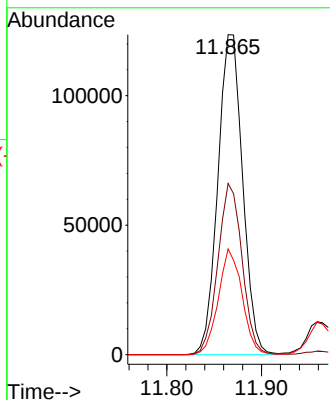
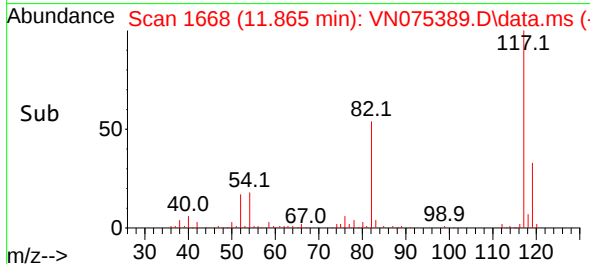
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion:117 Resp: 22504  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.1 64.7  
119 33.1 25.5 38.3

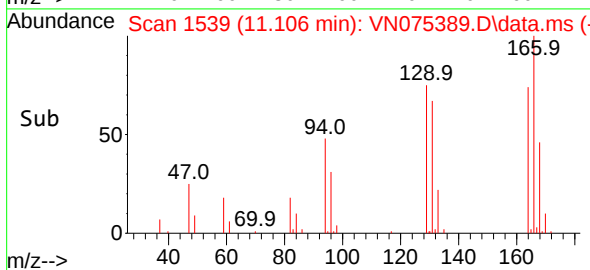
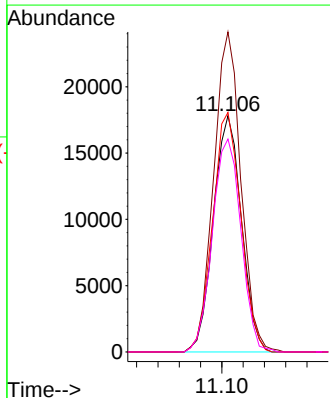
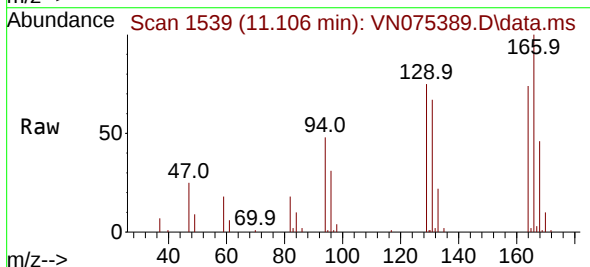
Manual Integrations  
APPROVED

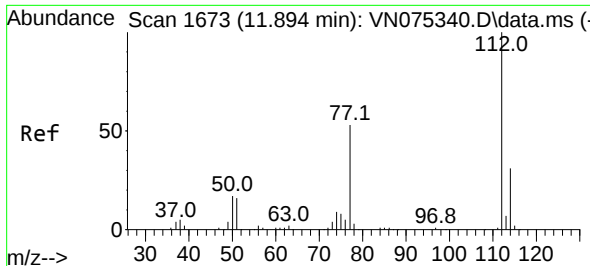
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#64  
Tetrachloroethene  
Concen: 18.932 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

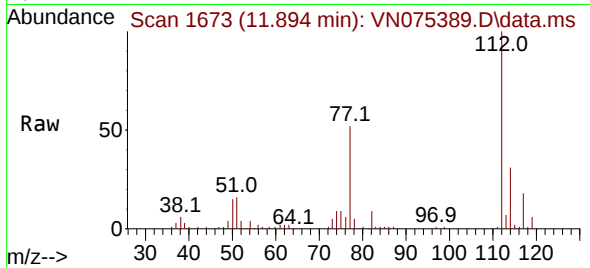
Tgt Ion:164 Resp: 32536  
Ion Ratio Lower Upper  
164 100  
166 135.5 106.5 159.7  
129 101.4 81.9 122.9  
131 90.2 81.4 122.2





#65  
Chlorobenzene  
Concen: 20.411 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

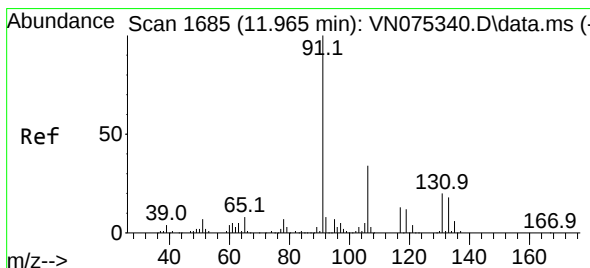
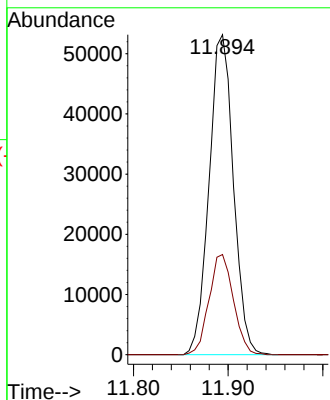
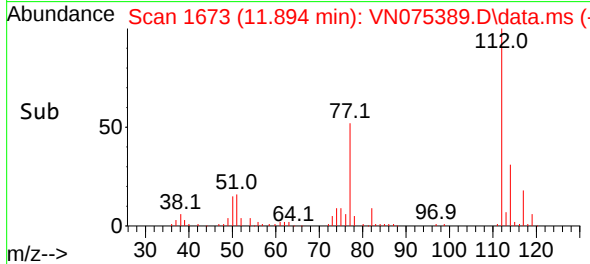
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion:112 Resp: 9486  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.4 38.2

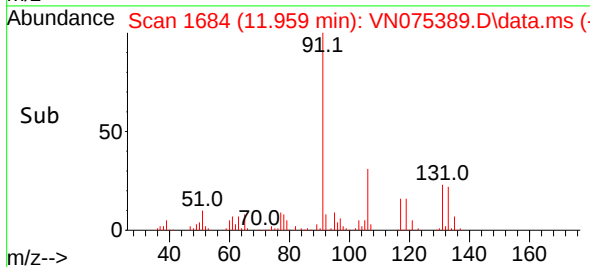
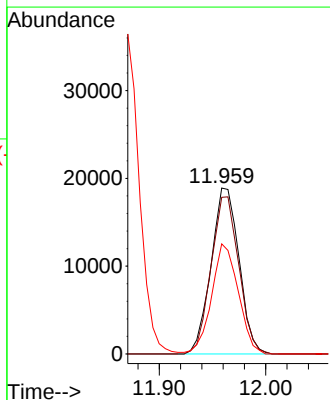
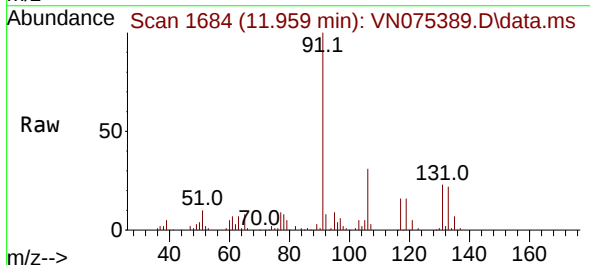
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.880 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion:131 Resp: 34483  
Ion Ratio Lower Upper  
131 100  
133 94.0 47.8 143.4  
119 63.2 33.0 99.0





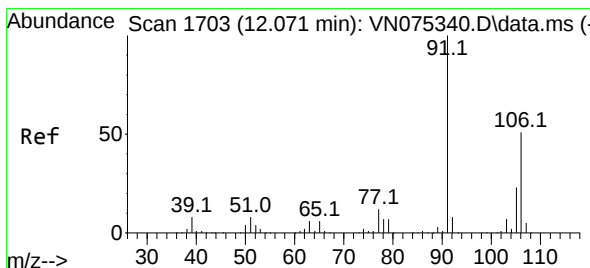
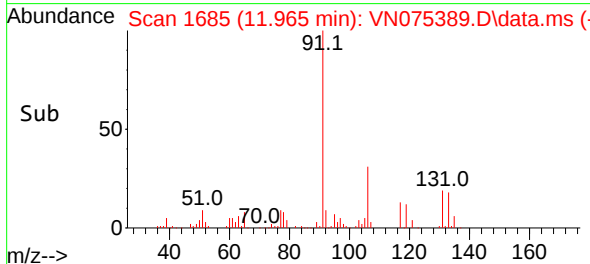
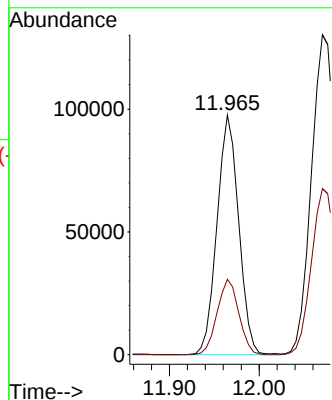
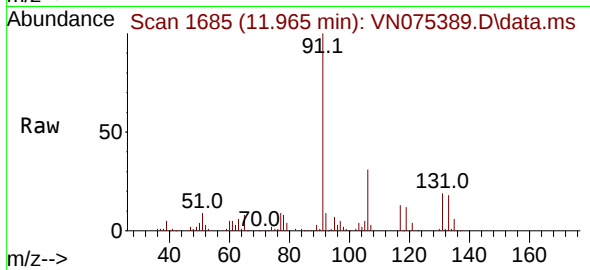
#67  
Ethyl Benzene  
Concen: 20.649 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 91 Resp: 163723  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.9 37.3

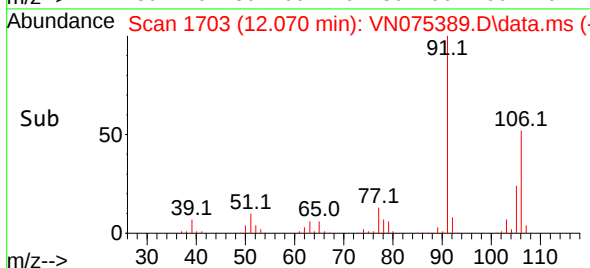
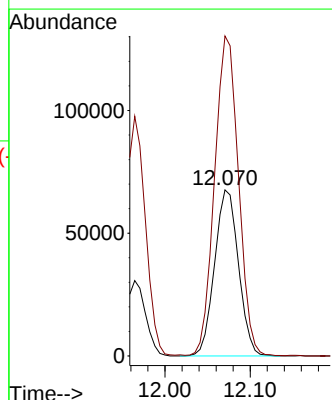
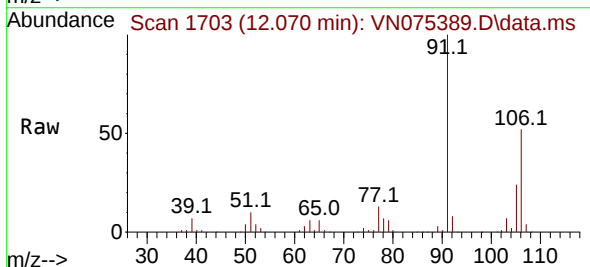
Manual Integrations  
APPROVED

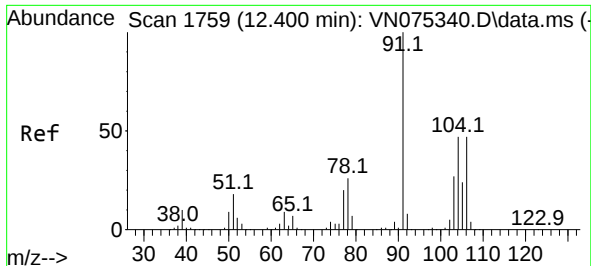
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#68  
m/p-Xylenes  
Concen: 40.929 ug/l  
RT: 12.070 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion:106 Resp: 131783  
Ion Ratio Lower Upper  
106 100  
91 192.7 156.0 234.0





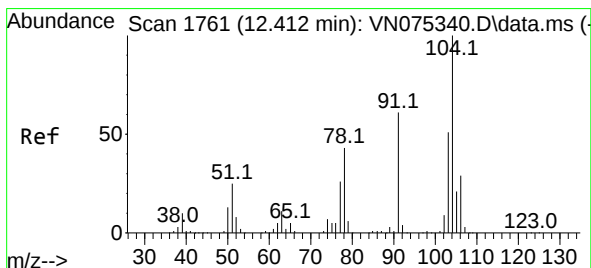
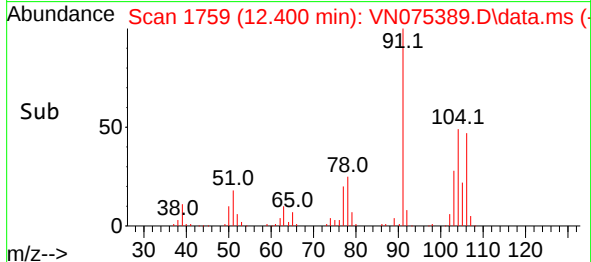
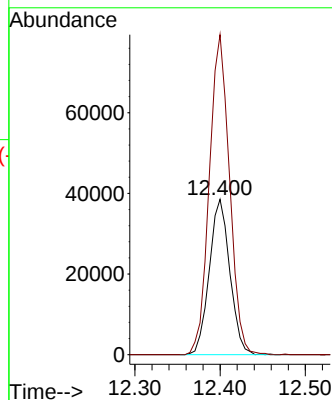
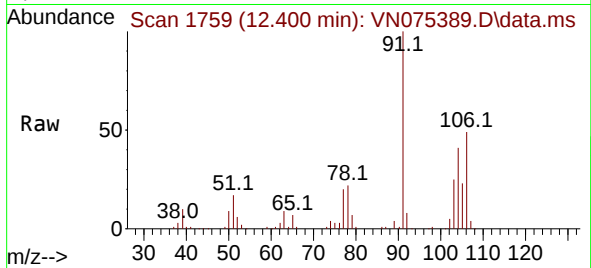
#69  
o-Xylene  
Concen: 20.154 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion:106 Resp: 64470  
Ion Ratio Lower Upper  
106 100  
91 203.0 105.2 315.5

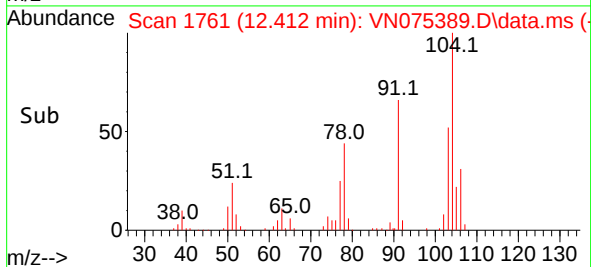
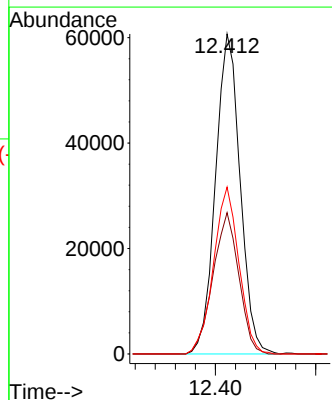
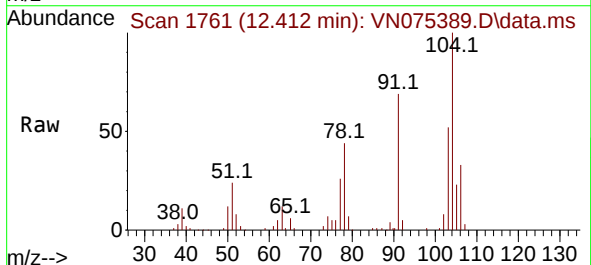
Manual Integrations  
APPROVED

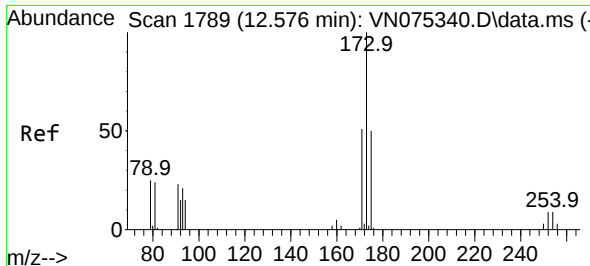
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#70  
Styrene  
Concen: 20.447 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

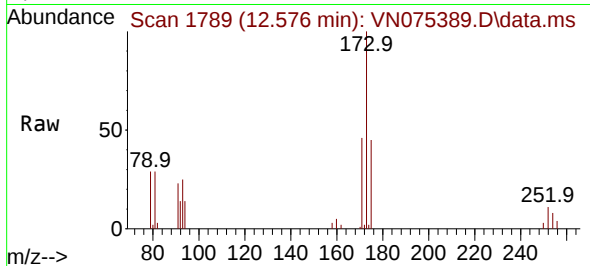
Tgt Ion:104 Resp: 103189  
Ion Ratio Lower Upper  
104 100  
78 46.4 38.1 57.1  
103 54.0 44.6 66.8





#71  
Bromoform  
Concen: 18.998 ug/l  
RT: 12.576 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

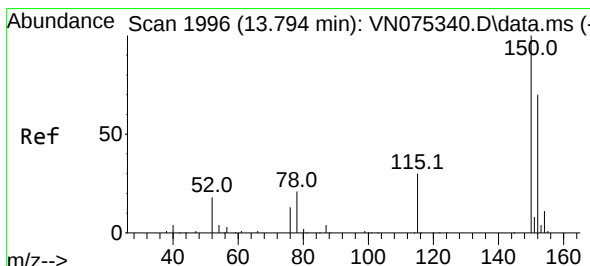
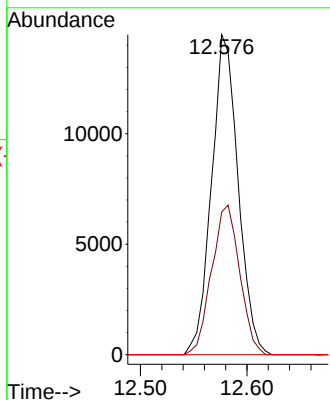
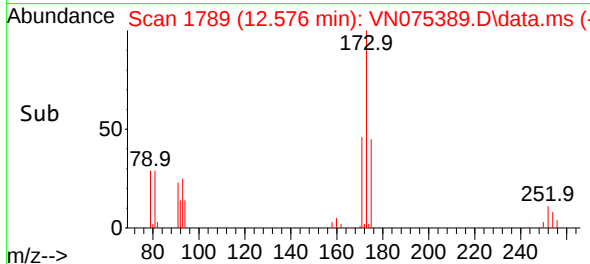
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



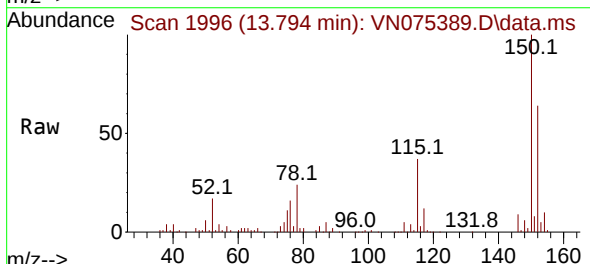
Tgt Ion:173 Resp: 25080  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 74.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

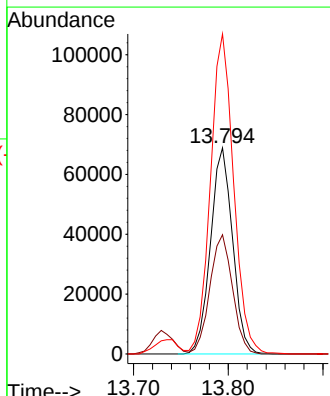
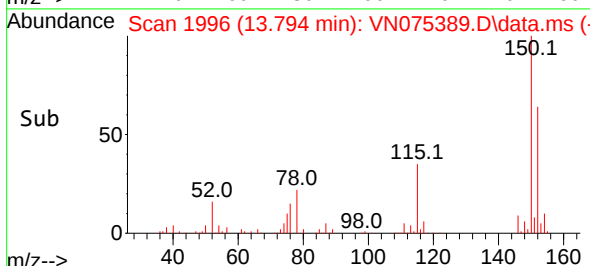
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

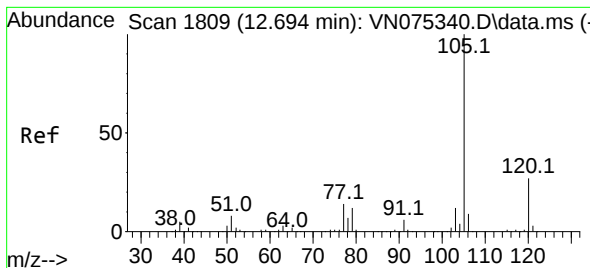


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion:152 Resp: 111421  
Ion Ratio Lower Upper  
152 100  
115 59.2 30.2 90.6  
150 163.4 0.0 348.4





#73

Isopropylbenzene

Concen: 20.529 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion:105 Resp: 16711

Ion Ratio Lower Upper

105 100

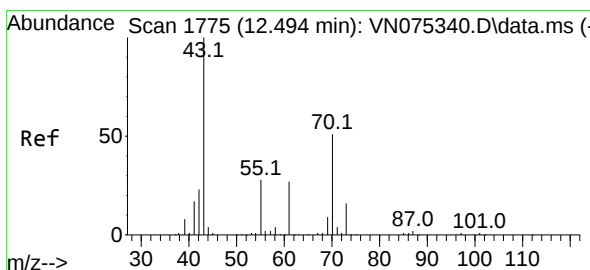
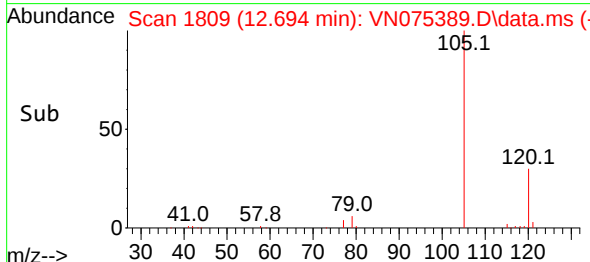
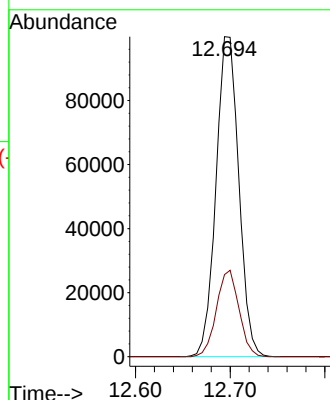
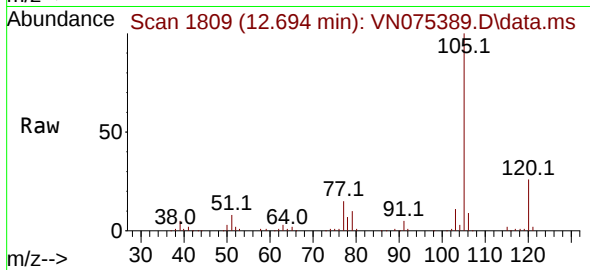
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#74

N-ethyl acetate

Concen: 20.292 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion: 43 Resp: 50782

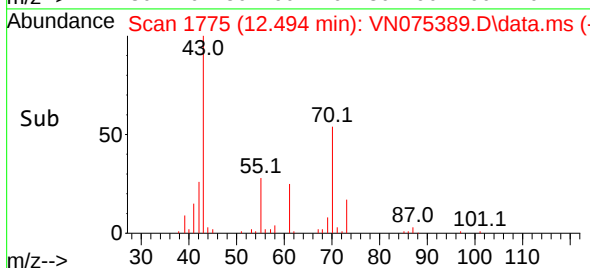
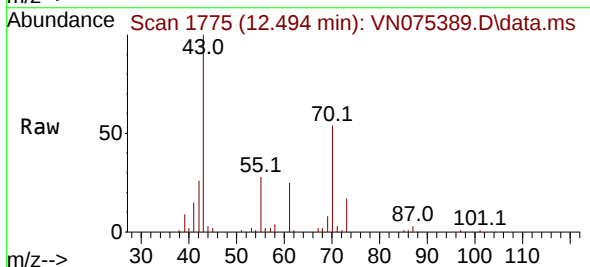
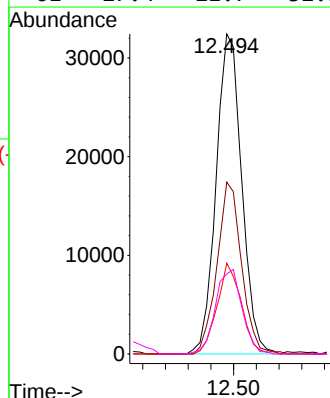
Ion Ratio Lower Upper

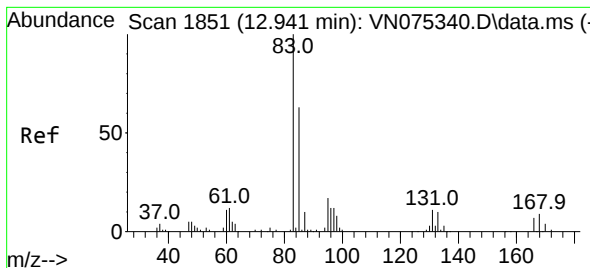
43 100

70 51.5 39.8 59.8

55 26.9 19.9 29.9

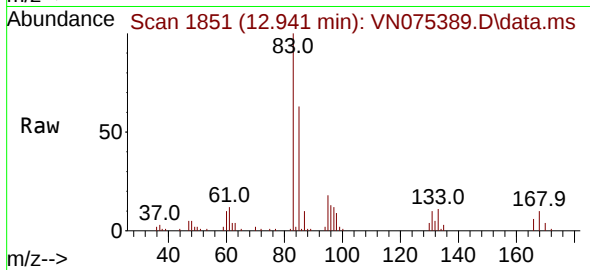
61 27.4 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.982 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

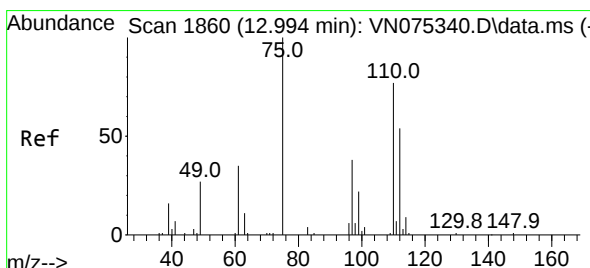
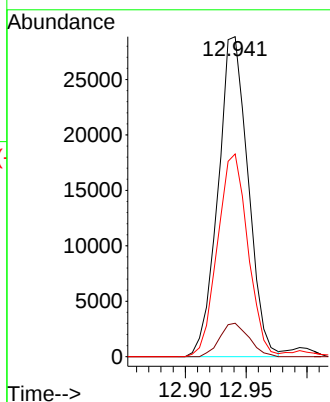
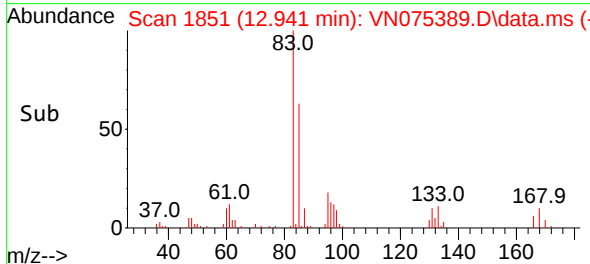
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion: 83 Resp: 4959  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.3  
85 64.0 31.6 94.7

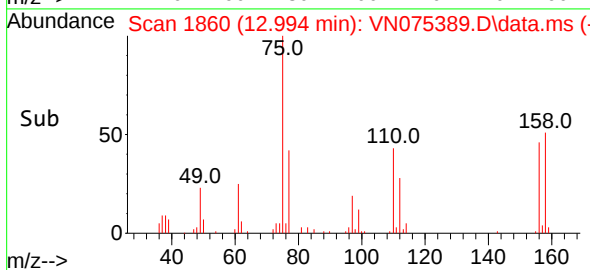
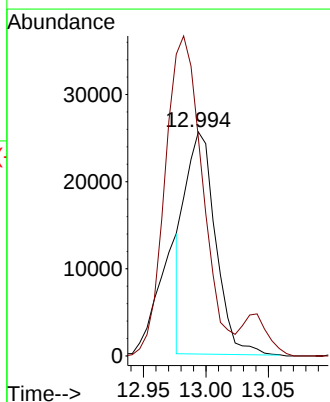
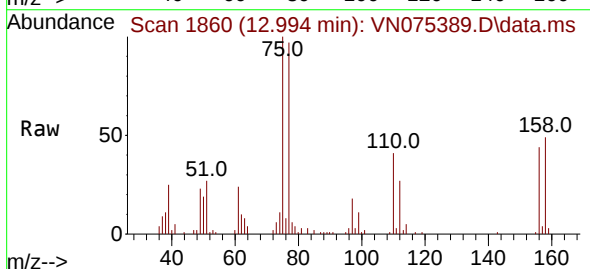
Manual Integrations  
APPROVED

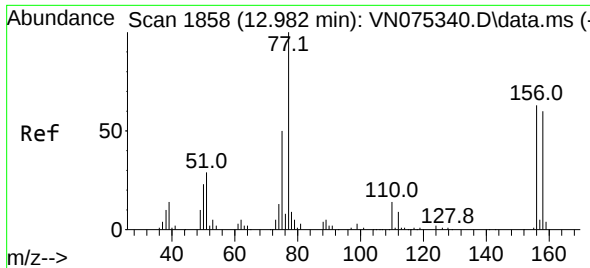
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#76  
1,2,3-Trichloropropane  
Concen: 20.549 ug/l m  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

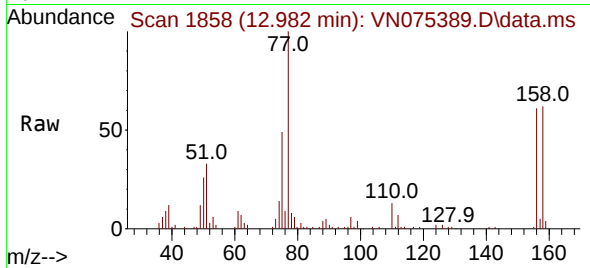
Tgt Ion: 75 Resp: 43290  
Ion Ratio Lower Upper  
75 100  
77 177.1 75.6 226.8





#77  
Bromobenzene  
Concen: 19.419 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

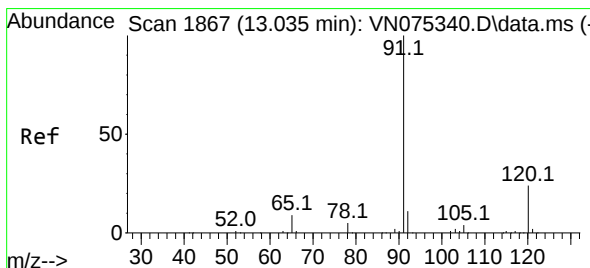
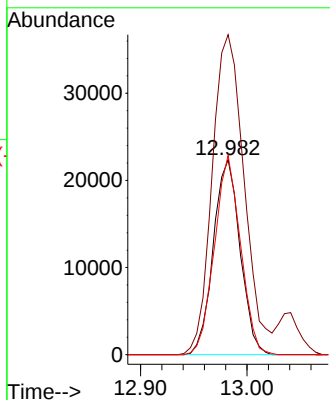
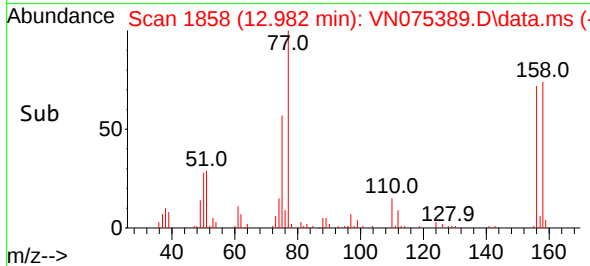
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



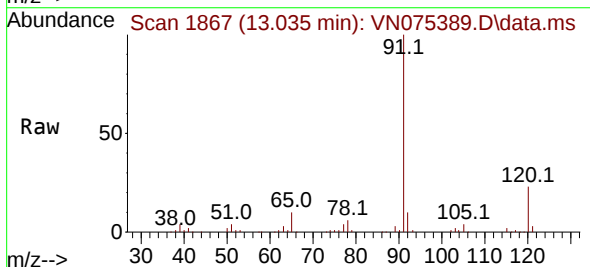
Tgt Ion:156 Resp: 39020  
Ion Ratio Lower Upper  
156 100  
77 196.5 108.5 325.5  
158 99.8 47.7 143.1

Manual Integrations  
APPROVED

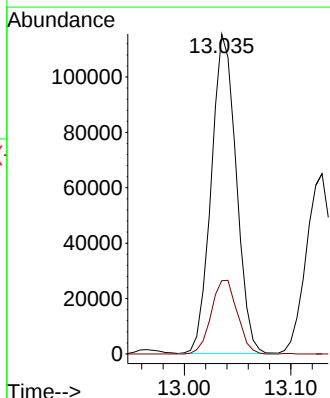
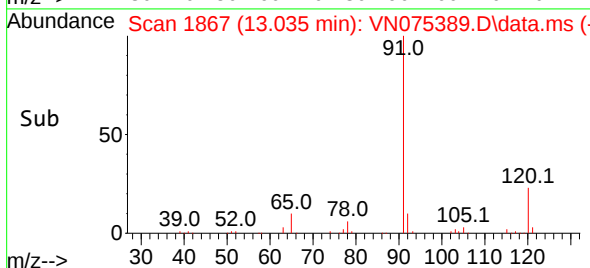
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

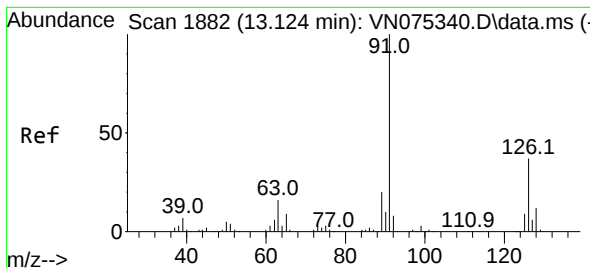


#78  
n-propylbenzene  
Concen: 20.681 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion: 91 Resp: 187878  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.9 35.5





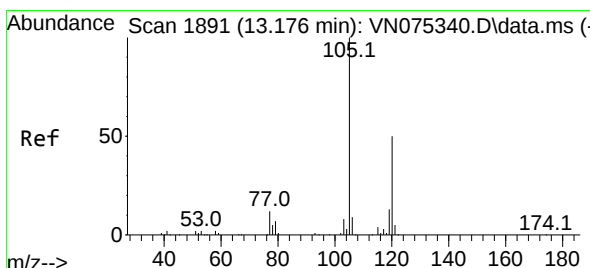
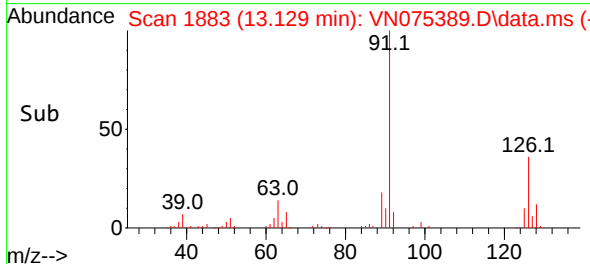
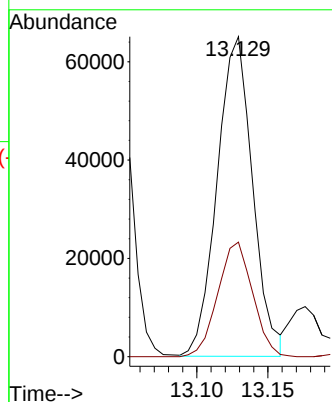
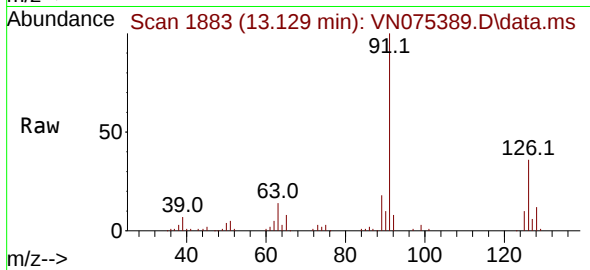
#79  
2-Chlorotoluene  
Concen: 20.610 ug/l  
RT: 13.129 min Scan# 112814  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion: 91 Resp: 112814  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.9 50.7

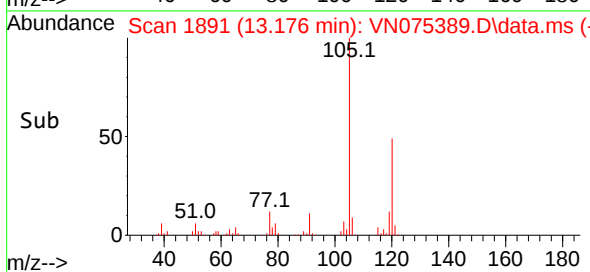
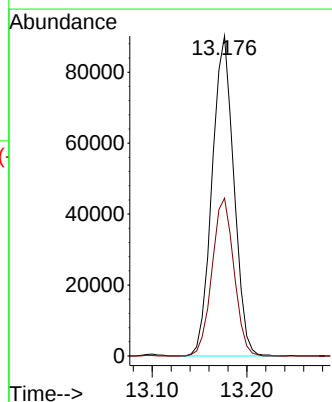
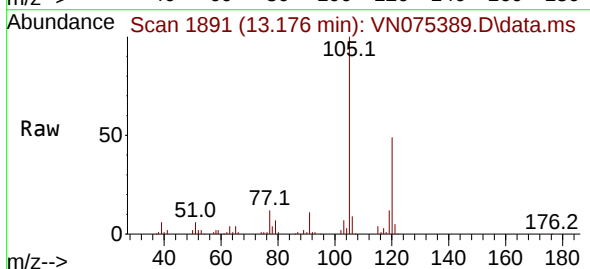
Manual Integrations  
APPROVED

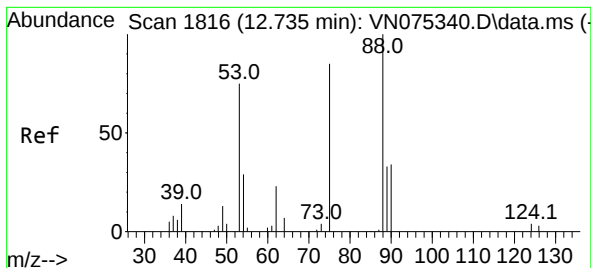
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 21.273 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

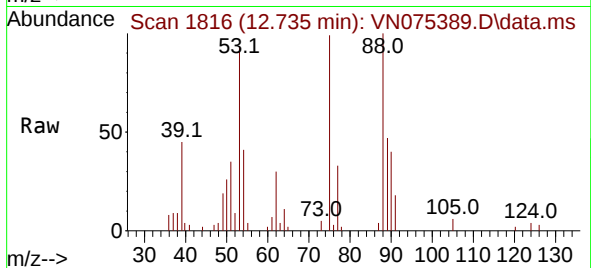
Tgt Ion:105 Resp: 143870  
Ion Ratio Lower Upper  
105 100  
120 49.7 24.7 74.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.415 ug/l  
RT: 12.735 min Scan# 1816  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

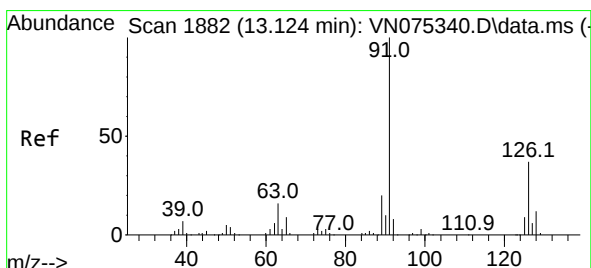
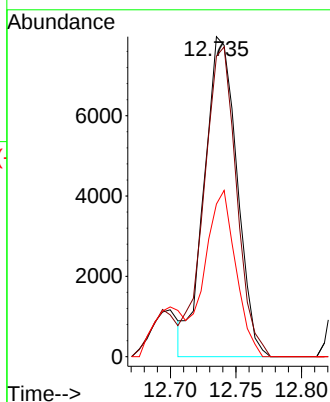
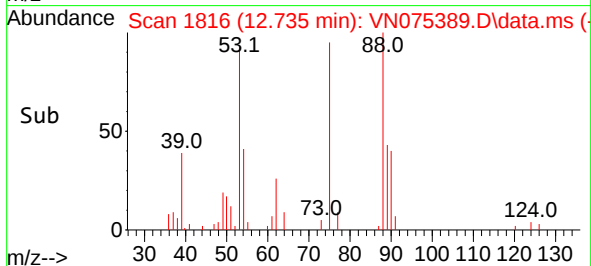
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



Tgt Ion: 75 Resp: 13824  
Ion Ratio Lower Upper  
75 100  
53 96.5 78.5 117.7  
89 48.8 37.7 56.5

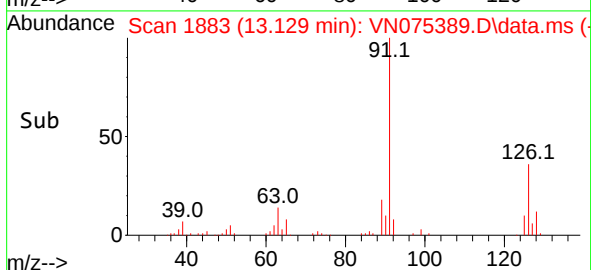
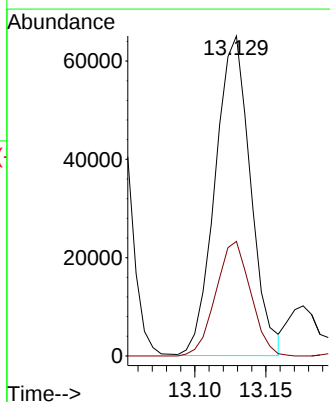
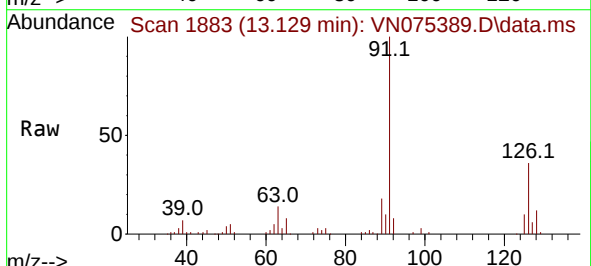
Manual Integrations  
APPROVED

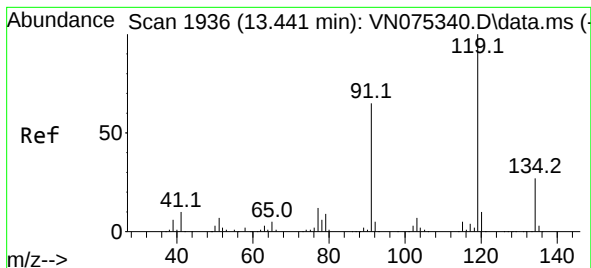
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#82  
4-Chlorotoluene  
Concen: 20.610 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.005 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Tgt Ion: 91 Resp: 112814  
Ion Ratio Lower Upper  
91 100  
126 35.2 16.9 50.7





#83

tert-Butylbenzene

Concen: 20.230 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion:119 Resp: 124748

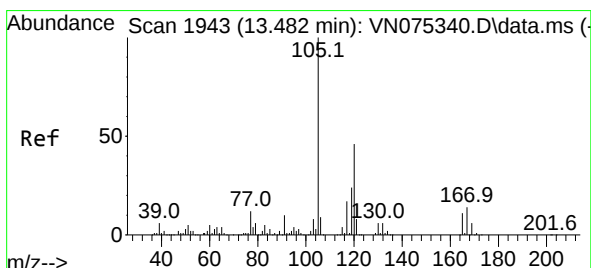
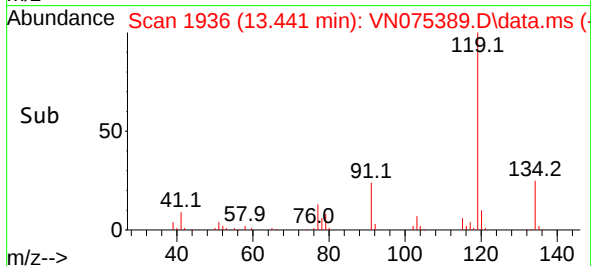
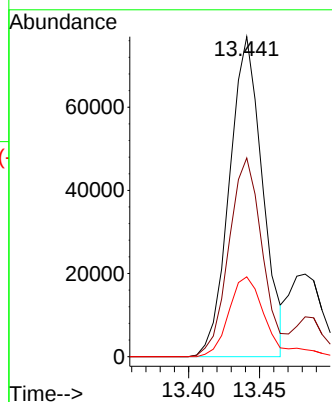
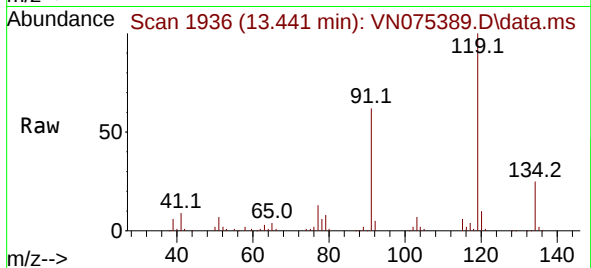
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 63.9  | 32.8  | 98.4  |
| 134 | 28.0  | 12.3  | 36.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.789 ug/l

RT: 13.482 min Scan# 1943

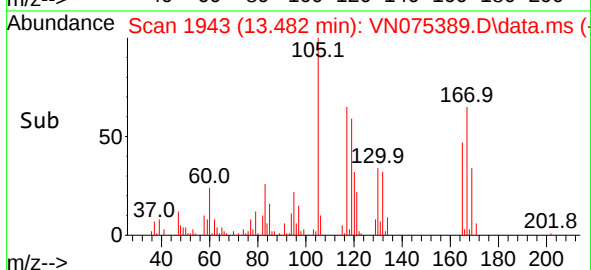
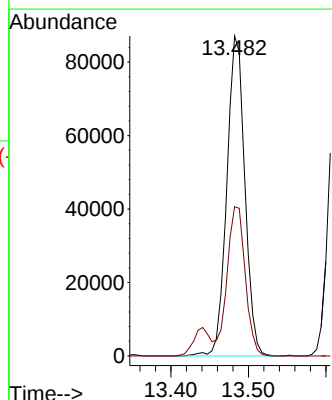
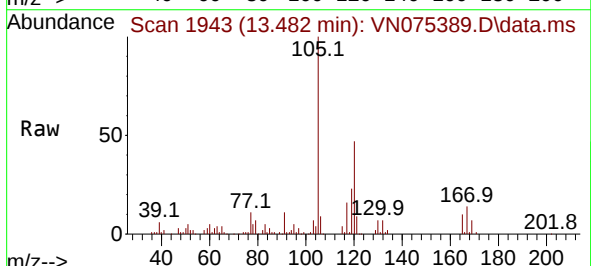
Delta R.T. 0.000 min

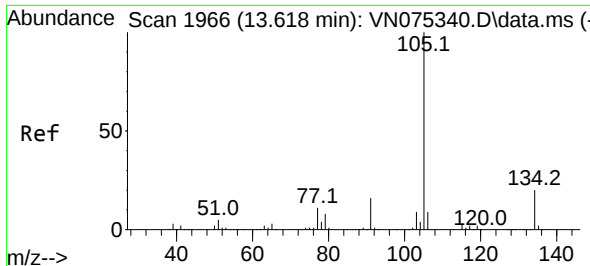
Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion:105 Resp: 141028

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 47.4  | 22.7  | 68.1  |





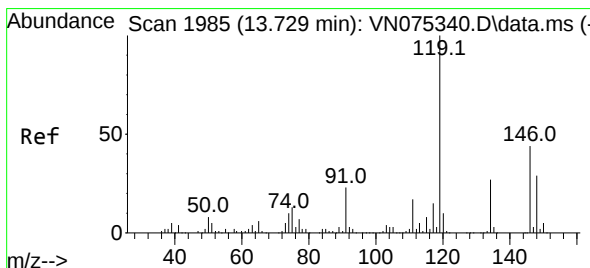
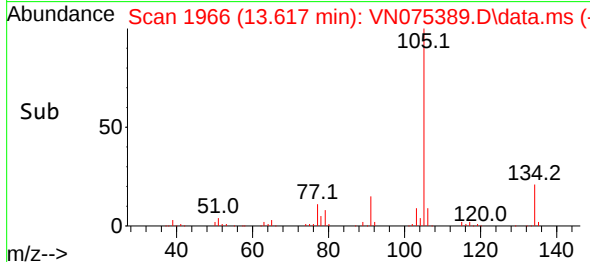
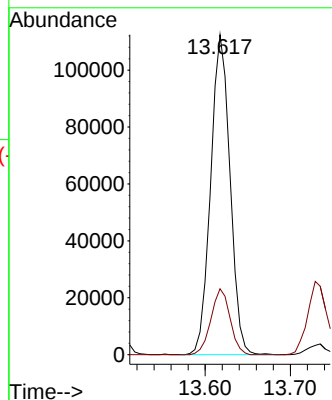
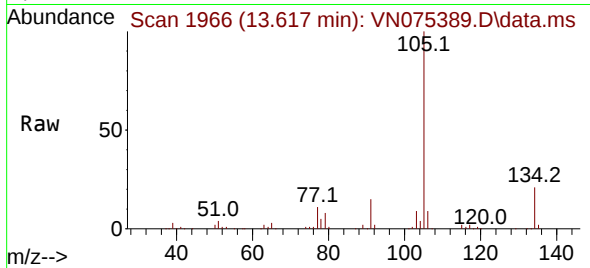
#85  
 sec-Butylbenzene  
 Concen: 21.204 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.001 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1123MBS01

Tgt Ion:105 Resp: 177410  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.6

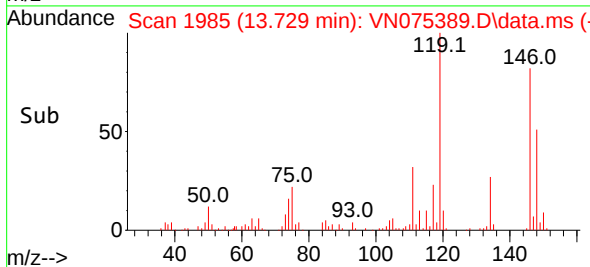
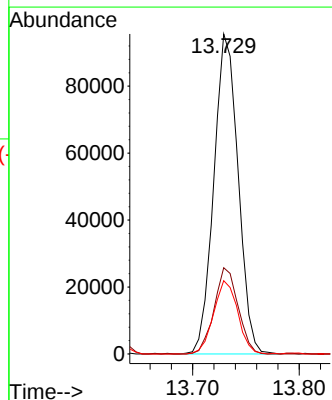
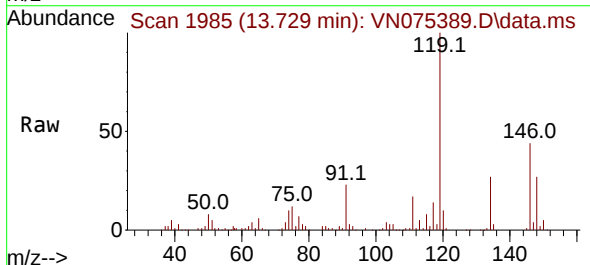
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/25/2022  
 Supervised By :Mahesh Dadoda 11/28/2022



#86  
 p-Isopropyltoluene  
 Concen: 21.480 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. 0.000 min  
 Lab File: VN075389.D  
 Acq: 23 Nov 2022 12:24

Tgt Ion:119 Resp: 151212  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.1 39.3  
 91 22.8 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.364 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

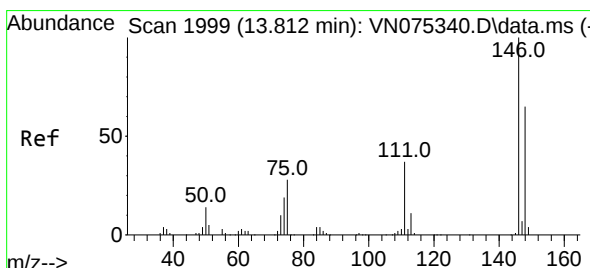
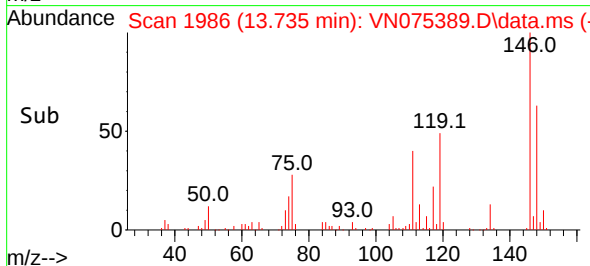
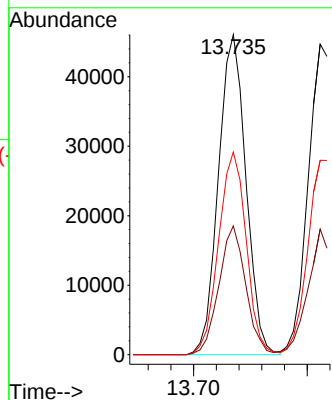
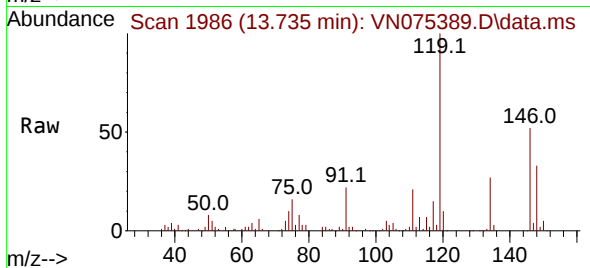
Tgt Ion:146 Resp: 7754  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 20.8 62.5  
 148 63.6 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 19.736 ug/l

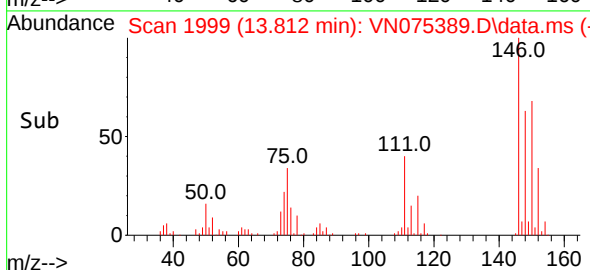
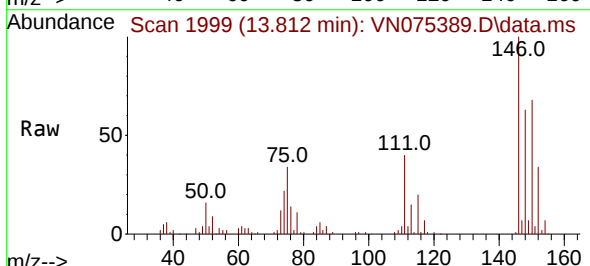
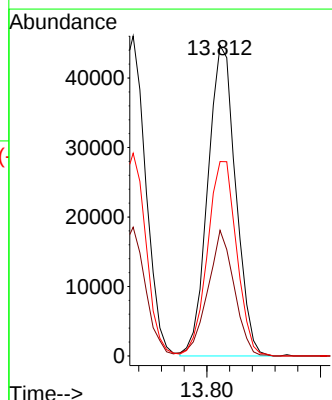
RT: 13.812 min Scan# 1999

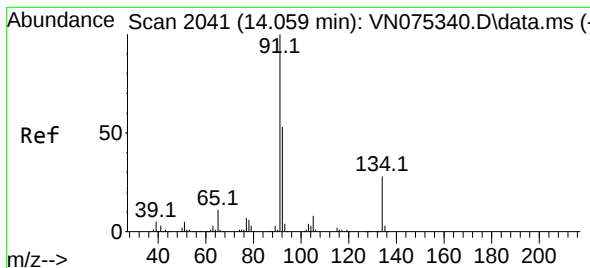
Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion:146 Resp: 76339  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 20.1 60.3  
 148 65.2 31.9 95.7





#89

n-Butylbenzene

Concen: 20.657 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

Tgt Ion: 91 Resp: 122819

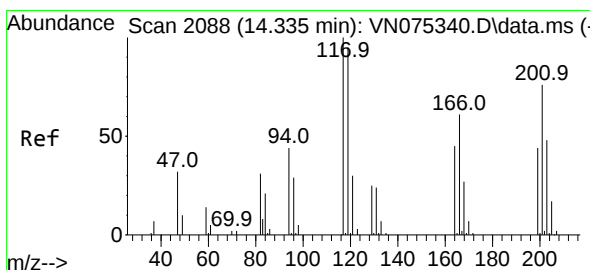
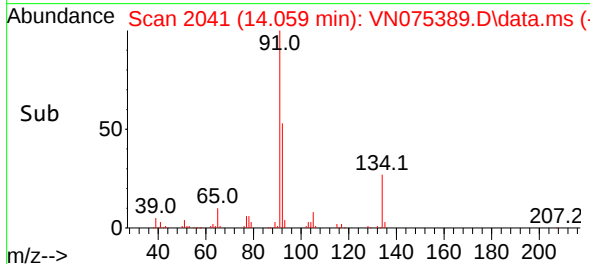
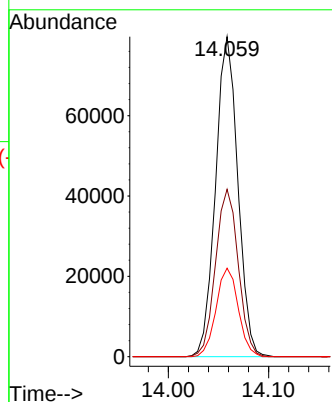
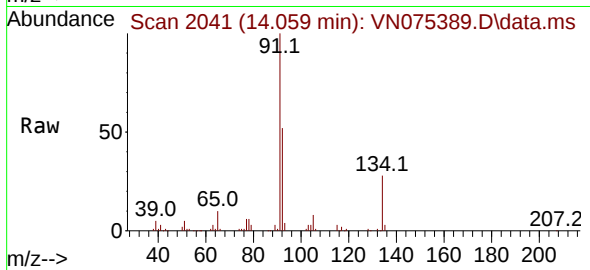
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.4  | 26.5  | 79.4  |
| 134 | 27.6  | 13.0  | 39.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#90

Hexachloroethane

Concen: 20.127 ug/l

RT: 14.335 min Scan# 2088

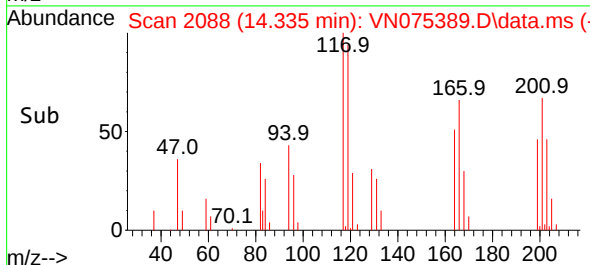
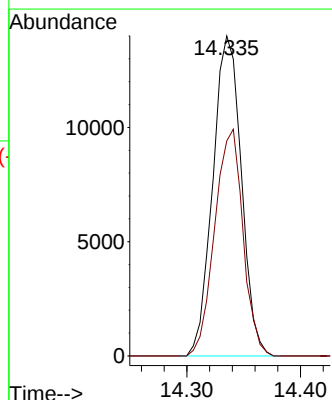
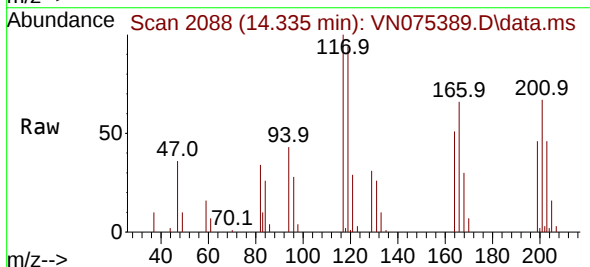
Delta R.T. 0.000 min

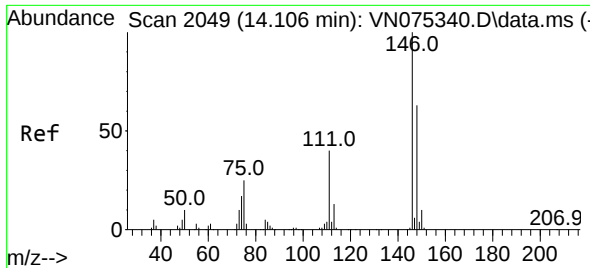
Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Tgt Ion:117 Resp: 24443

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 70.2  | 31.5  | 94.5  |





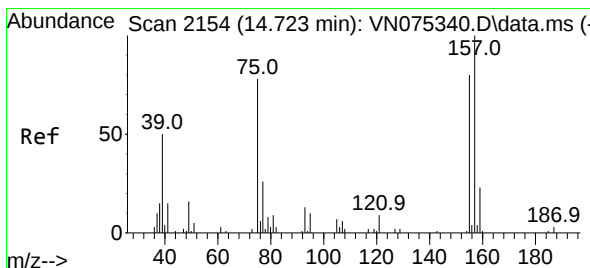
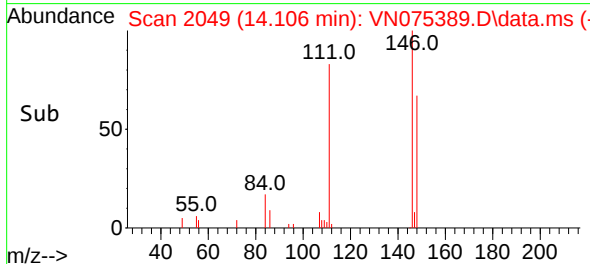
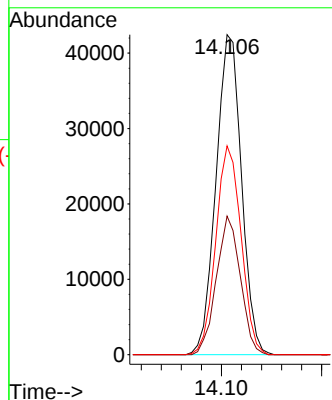
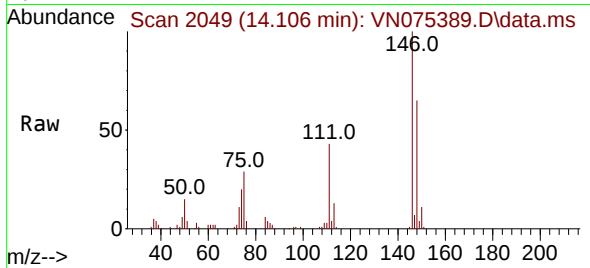
#91  
1,2-Dichlorobenzene  
Concen: 20.222 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01

Tgt Ion:146 Resp: 7505  
Ion Ratio Lower Upper  
146 100  
111 40.7 21.3 63.9  
148 64.6 31.4 94.2

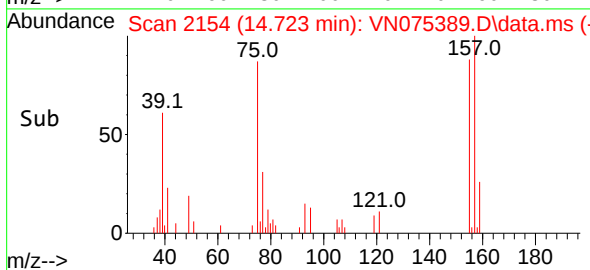
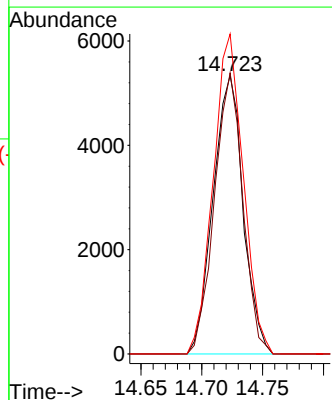
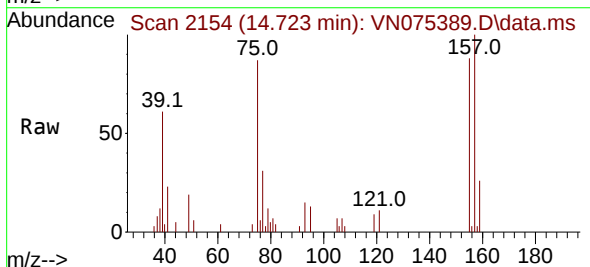
Manual Integrations  
APPROVED

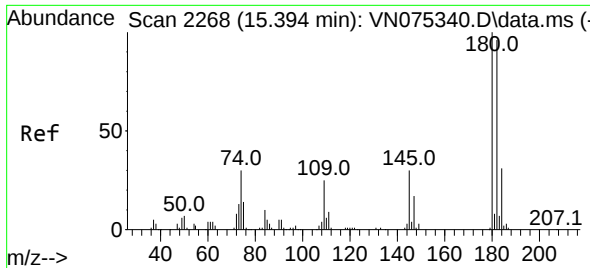
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.480 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. 0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

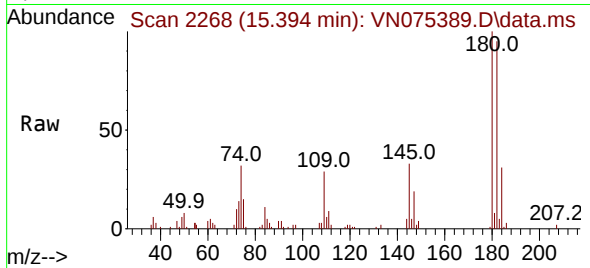
Tgt Ion: 75 Resp: 9158  
Ion Ratio Lower Upper  
75 100  
155 95.3 42.1 126.3  
157 114.9 51.7 155.1





#93  
1,2,4-Trichlorobenzene  
Concen: 19.888 ug/l  
RT: 15.394 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24

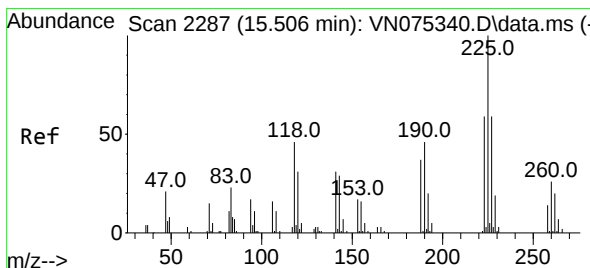
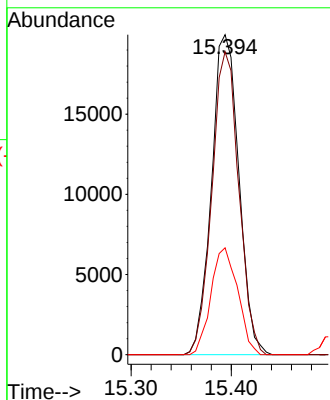
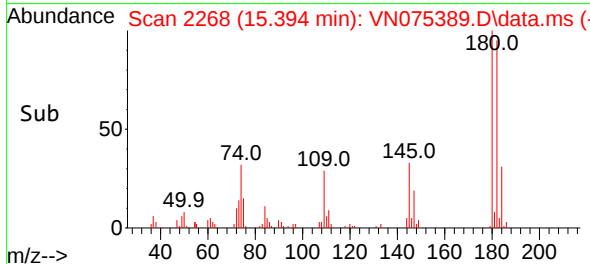
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1123MBS01



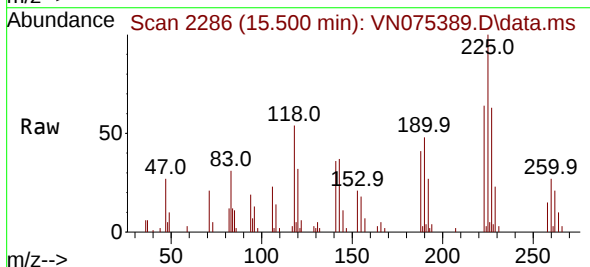
Tgt Ion:180 Resp: 37828  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.8 143.4  
145 32.8 16.8 50.3

Manual Integrations  
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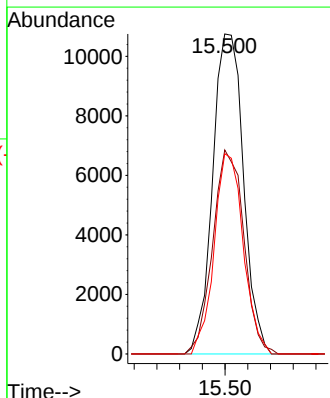
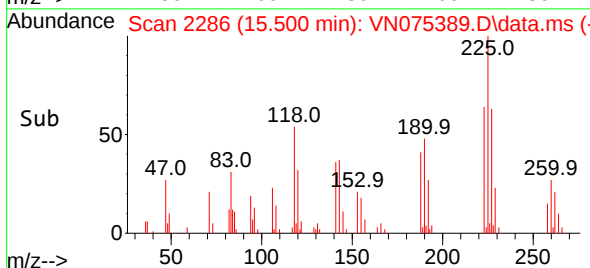
Reviewed By :John Carlone 11/25/2022  
Supervised By :Mahesh Dadoda 11/28/2022

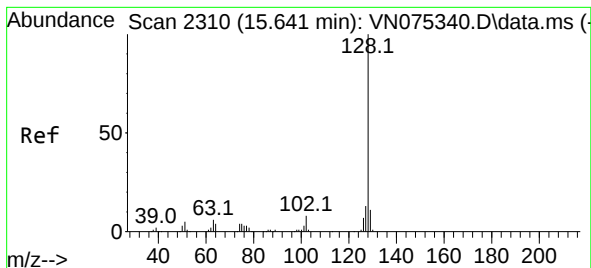


#94  
Hexachlorobutadiene  
Concen: 20.406 ug/l  
RT: 15.500 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: VN075389.D  
Acq: 23 Nov 2022 12:24



Tgt Ion:225 Resp: 20217  
Ion Ratio Lower Upper  
225 100  
223 64.2 32.3 96.9  
227 59.4 32.0 96.2





#95

Naphthalene

Concen: 18.803 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VN1123MBS01

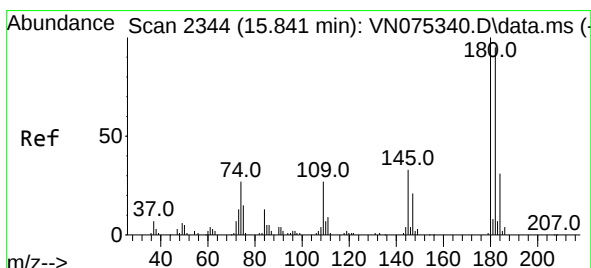
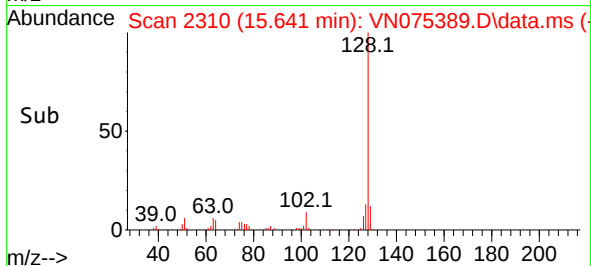
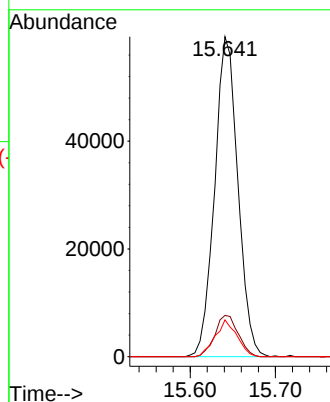
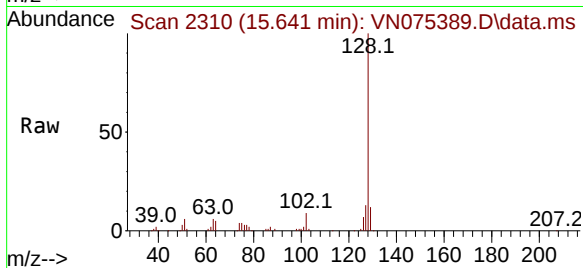
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 11251 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.0  | 10.4  | 15.6  |
| 129       | 10.8  | 8.6   | 12.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2022

Supervised By :Mahesh Dadoda 11/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.289 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075389.D

Acq: 23 Nov 2022 12:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 36059 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.7  | 47.3  | 141.8 |
| 145       | 33.4  | 17.6  | 52.9  |

