

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112122\  
 Data File : VN075336.D  
 Acq On : 21 Nov 2022 11:06  
 Operator : JC\MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC001

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

Quant Time: Nov 22 08:02:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 05:07:39 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 157572   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 274516   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 240109   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 105334   | 50.000 | ug/l  | 0.00     |

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 Supervised By :Mahesh  
 adoda

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 0.000  | 65    | 0d       | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 0.000%# |
| 35) Dibromofluoromethane    | 0.000  | 113   | 0d       | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 0.000%# |
| 50) Toluene-d8              | 0.000  | 98    | 0d       | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0d       | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 0.000%# |

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|                              |       |     |        |        |        |    |
|------------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds             |       |     |        |        | Qvalue |    |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 1275   | 1.103  | ug/l   | 72 |
| 3) Chloromethane             | 2.371 | 50  | 1891   | 1.383  | ug/l # | 79 |
| 4) Vinyl Chloride            | 2.530 | 62  | 2023   | 1.123  | ug/l   | 97 |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 2836   | 1.101  | ug/l   | 99 |
| 8) Diethyl Ether             | 3.983 | 74  | 840    | 0.897  | ug/l # | 10 |
| 9) 1,1,2-Trichlorotrifluo... | 4.383 | 101 | 1383m  | 0.944  | ug/l   |    |
| 12) 1,1-Dichloroethene       | 4.359 | 96  | 1566m  | 1.123  | ug/l   |    |
| 14) Allyl chloride           | 5.030 | 41  | 2072m  | 1.145  | ug/l   |    |
| 15) Acrylonitrile            | 5.730 | 53  | 4274   | 5.478  | ug/l # | 36 |
| 16) Acetone                  | 4.447 | 43  | 4341   | 12.193 | ug/l   | 98 |
| 17) Carbon Disulfide         | 4.724 | 76  | 4207   | 1.165  | ug/l # | 88 |
| 18) Methyl Acetate           | 5.047 | 43  | 3259   | 1.576  | ug/l # | 47 |
| 19) Methyl tert-butyl Ether  | 5.818 | 73  | 5599   | 1.137  | ug/l   | 95 |
| 20) Methylene Chloride       | 5.289 | 84  | 2352   | 1.400  | ug/l # | 70 |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 1976   | 1.271  | ug/l   | 85 |
| 22) Diisopropyl ether        | 6.683 | 45  | 4266   | 1.020  | ug/l # | 83 |
| 23) Vinyl Acetate            | 6.612 | 43  | 16971m | 5.066  | ug/l   |    |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 2756   | 1.030  | ug/l # | 82 |
| 25) 2-Butanone               | 7.500 | 43  | 6316   | 6.121  | ug/l   | 97 |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 2786   | 1.138  | ug/l   | 79 |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 1756   | 0.951  | ug/l   | 89 |
| 28) Bromochloromethane       | 7.824 | 49  | 1086   | 0.975  | ug/l # | 54 |
| 29) Tetrahydrofuran          | 7.853 | 42  | 3487   | 5.409  | ug/l # | 81 |
| 30) Chloroform               | 7.977 | 83  | 3558   | 1.189  | ug/l # | 74 |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 3037   | 1.099  | ug/l # | 44 |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 2516   | 1.107  | ug/l # | 87 |
| 37) Ethyl Acetate            | 7.553 | 43  | 1997   | 0.957  | ug/l # | 77 |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 2472   | 0.965  | ug/l # | 75 |
| 39) Methylcyclohexane        | 9.600 | 83  | 2942   | 1.016  | ug/l # | 88 |
| 40) Benzene                  | 8.612 | 78  | 7473   | 1.070  | ug/l   | 98 |
| 41) Methacrylonitrile        | 7.788 | 41  | 1036   | 0.972  | ug/l # | 83 |
| 42) 1,2-Dichloroethane       | 8.677 | 62  | 2509   | 1.078  | ug/l   | 82 |
| 43) Isopropyl Acetate        | 8.688 | 43  | 3382   | 1.012  | ug/l # | 88 |
| 44) Trichloroethene          | 9.359 | 130 | 2053   | 1.072  | ug/l   | 74 |
| 45) 1,2-Dichloropropane      | 9.630 | 63  | 1712   | 1.025  | ug/l # | 84 |
| 46) Dibromomethane           | 9.706 | 93  | 1325   | 1.049  | ug/l # | 85 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112122\  
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 Acq On : 21 Nov 2022 11:06  
 Operator : JC\MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

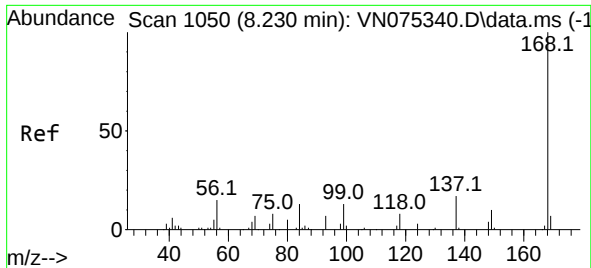
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 05:07:39 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |                                 |
|-------------------------------|--------|------|----------|--------|--------|----------|---------------------------------|
| 47) Bromodichloromethane      | 9.894  | 83   | 2611     | 1.068  | ug/l # | 78       | 11/23/2022                      |
| 48) Methyl methacrylate       | 9.677  | 41   | 1602     | 1.043  | ug/l   | 88       | Supervised By :Mahesh<br>Dadoda |
| 49) 1,4-Dioxane               | 9.700  | 88   | 776      | 17.315 | ug/l # | 68       |                                 |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 10315    | 4.804  | ug/l   | 98       |                                 |
| 52) Toluene                   | 10.629 | 92   | 4458     | 0.970  | ug/l   | 92       |                                 |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 2170     | 0.845  | ug/l   | 93       |                                 |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 2494     | 0.905  | ug/l   | 92       | 11/23/2022                      |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 2034     | 1.117  | ug/l   | 94       |                                 |
| 56) Ethyl methacrylate        | 10.871 | 69   | 2372     | 0.925  | ug/l # | 88       |                                 |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 3268     | 1.098  | ug/l   | 99       |                                 |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 3717     | 3.799  | ug/l   | 99       |                                 |
| 59) 2-Hexanone                | 11.200 | 43   | 7308     | 4.481  | ug/l   | 98       |                                 |
| 60) Dibromochloromethane      | 11.365 | 129  | 1533     | 0.767  | ug/l   | 86       |                                 |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 2107     | 1.107  | ug/l   | 86       |                                 |
| 64) Tetrachloroethene         | 11.100 | 164  | 2097     | 1.216  | ug/l # | 92       |                                 |
| 65) Chlorobenzene             | 11.888 | 112  | 5431     | 1.142  | ug/l # | 88       |                                 |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 1960     | 1.093  | ug/l # | 62       |                                 |
| 67) Ethyl Benzene             | 11.959 | 91   | 8209     | 0.982  | ug/l   | 96       |                                 |
| 68) m/p-Xylenes               | 12.071 | 106  | 6612     | 1.946  | ug/l   | 90       |                                 |
| 69) o-Xylene                  | 12.394 | 106  | 3402     | 1.016  | ug/l   | 90       |                                 |
| 70) Styrene                   | 12.406 | 104  | 4730     | 0.870  | ug/l   | 100      |                                 |
| 71) Bromoform                 | 12.576 | 173  | 1329     | 0.937  | ug/l # | 95       |                                 |
| 73) Isopropylbenzene          | 12.694 | 105  | 8065     | 1.084  | ug/l   | 94       |                                 |
| 74) N-amyl acetate            | 12.494 | 43   | 2155     | 0.906  | ug/l   | 96       |                                 |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 2461     | 1.090  | ug/l   | 98       |                                 |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 2201m    | 1.161  | ug/l   |          |                                 |
| 77) Bromobenzene              | 12.982 | 156  | 2195     | 1.222  | ug/l   | 78       |                                 |
| 78) n-propylbenzene           | 13.035 | 91   | 8418     | 0.998  | ug/l   | 100      |                                 |
| 79) 2-Chlorotoluene           | 13.118 | 91   | 5177     | 1.027  | ug/l   | 97       |                                 |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 6114     | 0.969  | ug/l   | 97       |                                 |
| 82) 4-Chlorotoluene           | 13.118 | 91   | 5177     | 1.027  | ug/l   | 97       |                                 |
| 83) tert-Butylbenzene         | 13.435 | 119  | 5902     | 1.040  | ug/l   | 94       |                                 |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 6032     | 0.949  | ug/l   | 95       |                                 |
| 85) sec-Butylbenzene          | 13.618 | 105  | 7362     | 0.936  | ug/l   | 99       |                                 |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 6315     | 0.953  | ug/l   | 99       |                                 |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 3740     | 1.070  | ug/l   | 95       |                                 |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 4434m    | 1.292  | ug/l   |          |                                 |
| 89) n-Butylbenzene            | 14.059 | 91   | 5667     | 1.021  | ug/l   | 97       |                                 |
| 90) Hexachloroethane          | 14.335 | 117  | 1148     | 1.011  | ug/l   | 84       |                                 |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 3424     | 0.992  | ug/l   | 93       |                                 |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 452      | 1.033  | ug/l   | 89       |                                 |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 1873     | 1.047  | ug/l   | 92       |                                 |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 931      | 1.004  | ug/l   | 73       |                                 |
| 95) Naphthalene               | 15.641 | 128  | 5954     | 1.059  | ug/l # | 95       |                                 |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 1961     | 1.133  | ug/l   | 94       |                                 |

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

Reviewed By :Krupa Patel

[illegible]



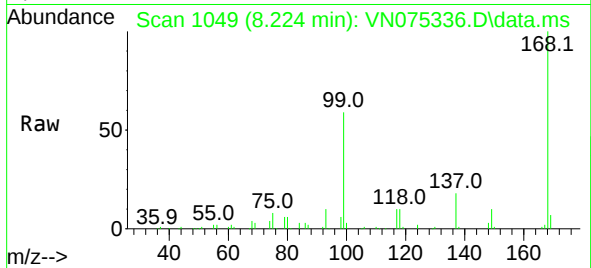
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

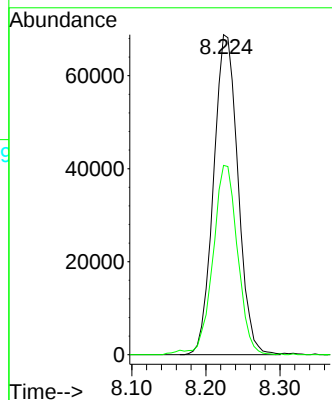
VSTDIC001



Tgt Ion:168 Resp: 157572  
Ion Ratio Lower Upper  
168 100  
99 58.9 51.6 77.4

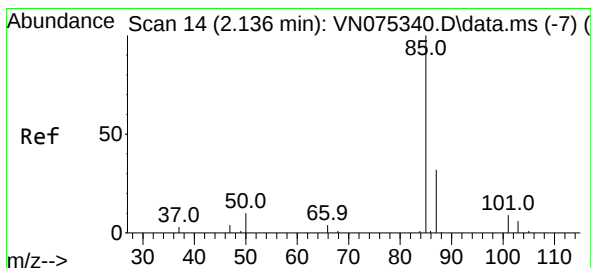
Manual Integrations  
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Reviewed By :Krupa  
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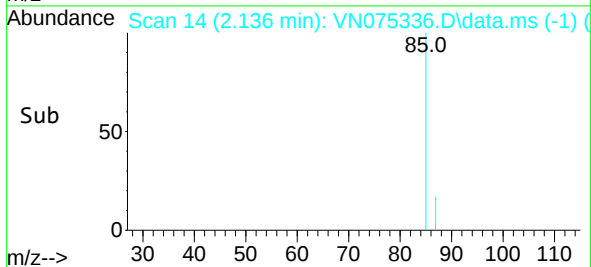
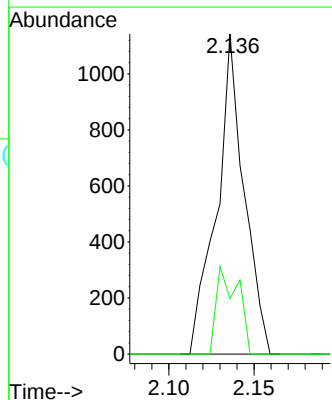
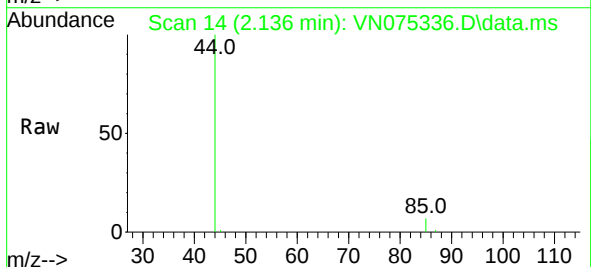
11/23/2022  
Supervised By :Mahesh  
Dadoda

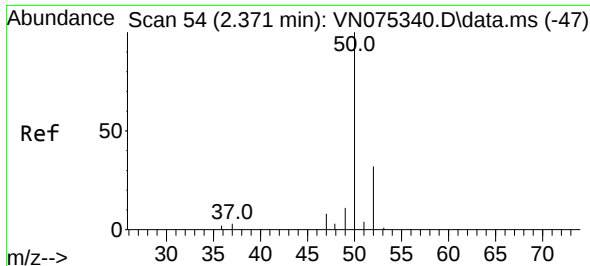
11/23/2022



#2  
Dichlorodifluoromethane  
Concen: 1.103 ug/l  
RT: 2.136 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

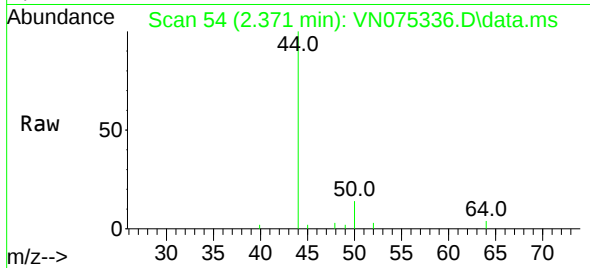
Tgt Ion: 85 Resp: 1275  
Ion Ratio Lower Upper  
85 100  
87 17.3 16.7 50.0





#3  
Chloromethane  
Concen: 1.383 ug/l  
RT: 2.371 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

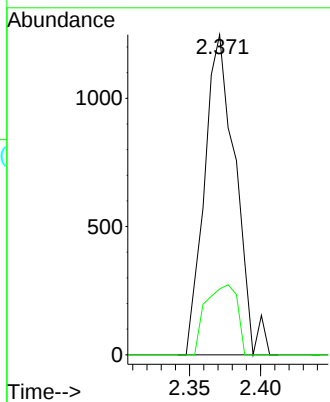
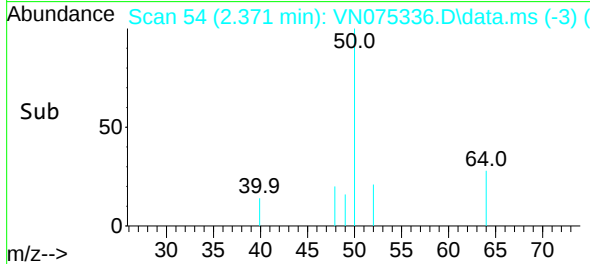
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC001



Tgt Ion: 50 Resp: 189  
Ion Ratio Lower Upper  
50 100  
52 20.6 25.8 38.6

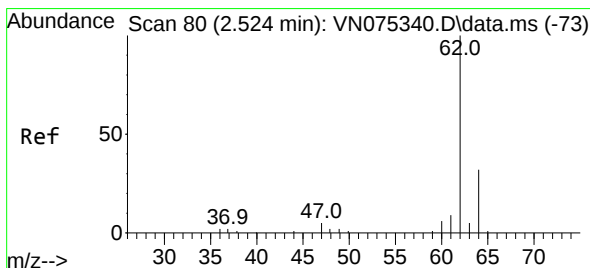
Manual Integrations  
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Patel

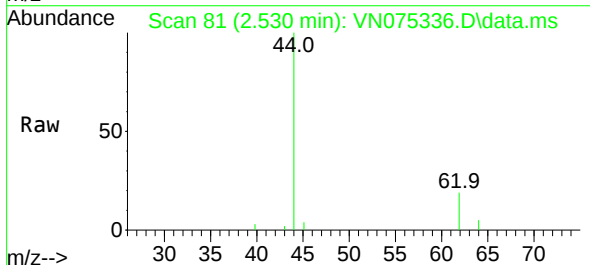


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Supervised By :Mahesh  
Dadoda

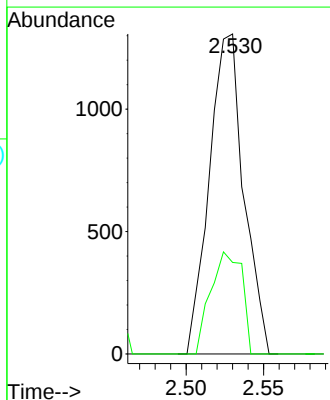
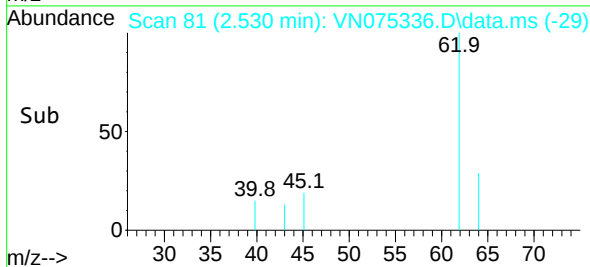
11/23/2022

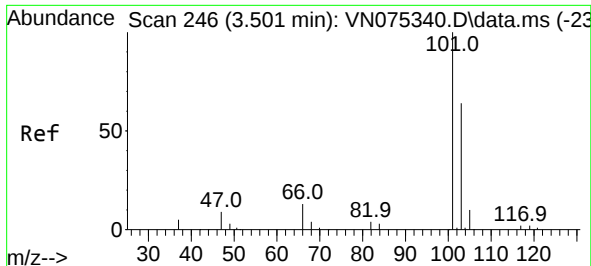


#4  
Vinyl Chloride  
Concen: 1.123 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



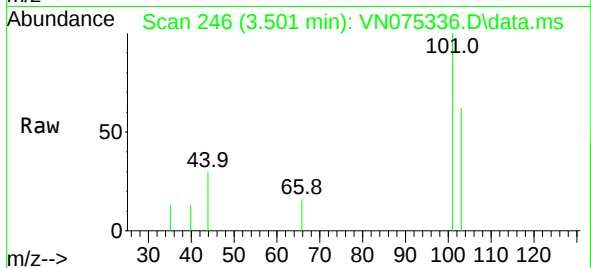
Tgt Ion: 62 Resp: 2023  
Ion Ratio Lower Upper  
62 100  
64 28.6 24.0 36.0





#7  
Trichlorofluoromethane  
Concen: 1.101 ug/l  
RT: 3.501 min Scan# 246  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

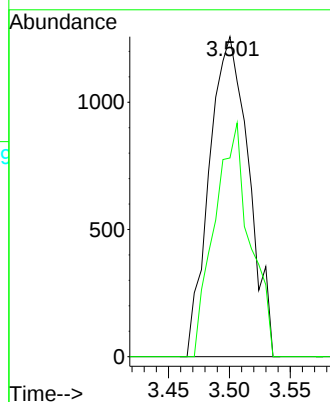
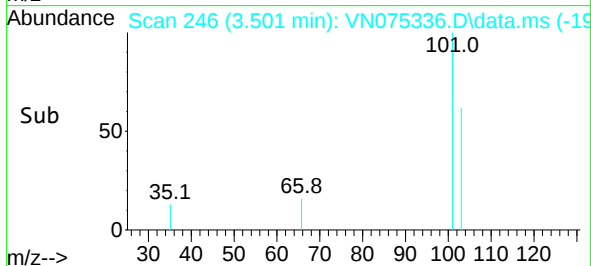
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:101 Resp: 2830  
Ion Ratio Lower Upper  
101 100  
103 62.1 50.5 75.7

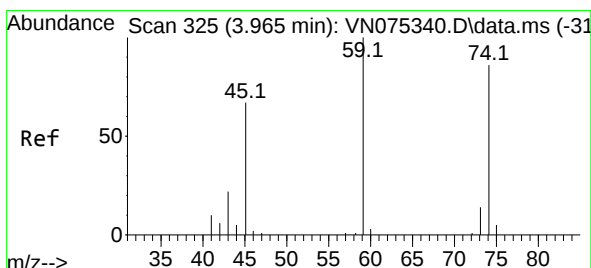
Manual Integrations  
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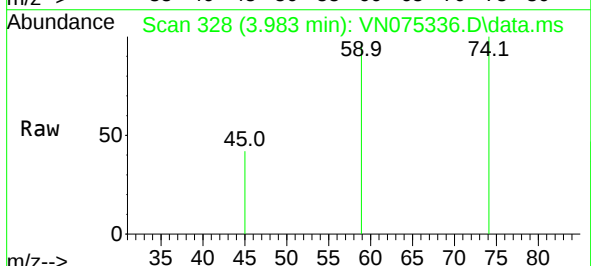


11/23/2022  
Supervised By :Mahesh  
Dadoda

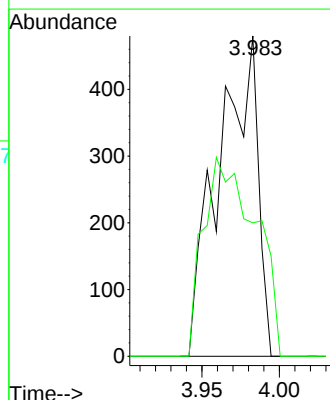
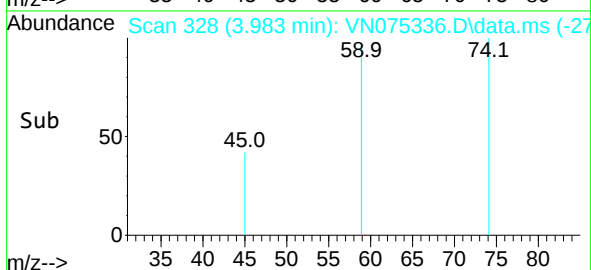
11/23/2022

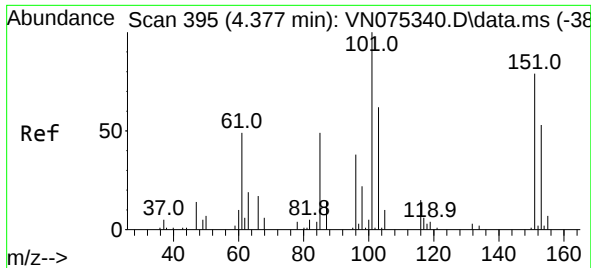


#8  
Diethyl Ether  
Concen: 0.897 ug/l  
RT: 3.983 min Scan# 328  
Delta R.T. 0.018 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



Tgt Ion: 74 Resp: 840  
Ion Ratio Lower Upper  
74 100  
45 0.0 39.3 117.9#





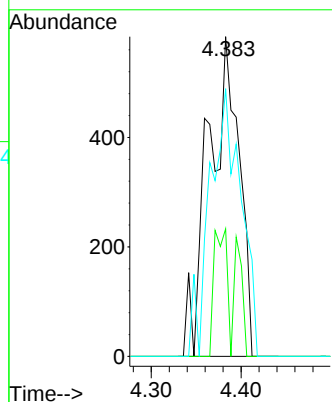
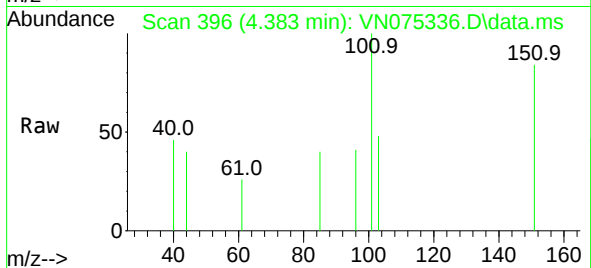
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.944 ug/l m  
RT: 4.383 min Scan# 395  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC001

Tgt Ion: 101 Resp: 138  
Ion Ratio Lower Upper  
101 100  
85 16.9 37.6 56.4  
151 84.6 58.3 87.5

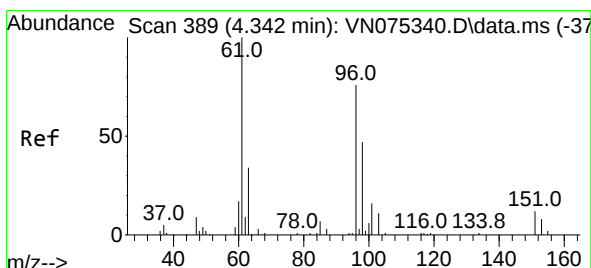
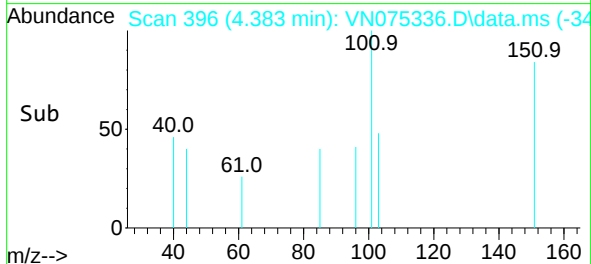
Manual Integrations  
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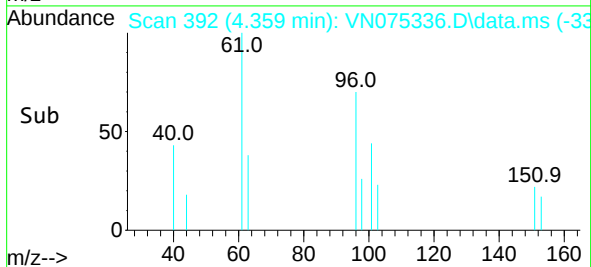
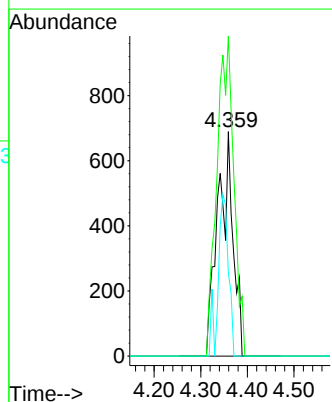
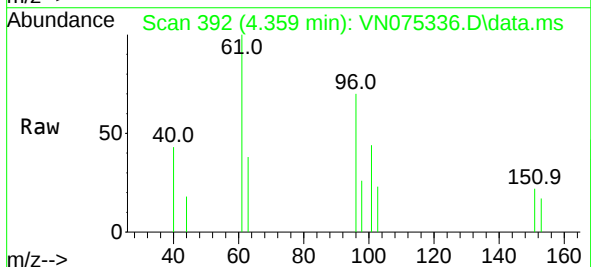
11/23/2022  
Supervised By :Mahesh  
Dadoda

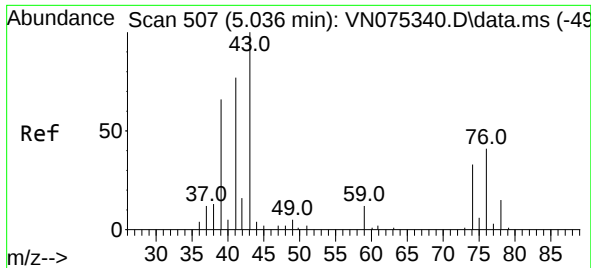
11/23/2022



#12  
1,1-Dichloroethene  
Concen: 1.123 ug/l m  
RT: 4.359 min Scan# 392  
Delta R.T. 0.017 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

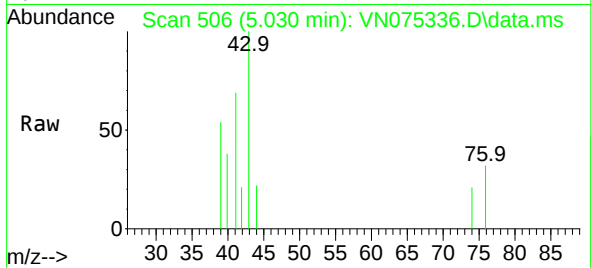
Tgt Ion: 96 Resp: 1566  
Ion Ratio Lower Upper  
96 100  
61 142.7 126.2 189.4  
98 36.9 51.5 77.3





#14  
 Allyl chloride  
 Concen: 1.145 ug/l m  
 RT: 5.030 min Scan# 507  
 Delta R.T. -0.006 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

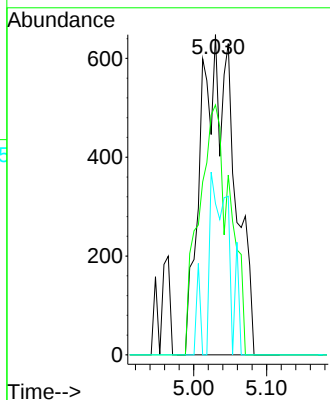
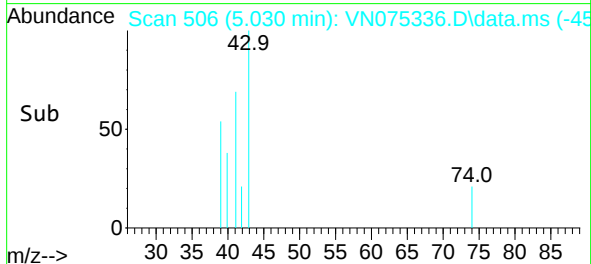
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



Tgt Ion: 41 Resp: 2072  
 Ion Ratio Lower Upper  
 41 100  
 39 0.0 61.0 91.4  
 76 3.1 33.4 50.0

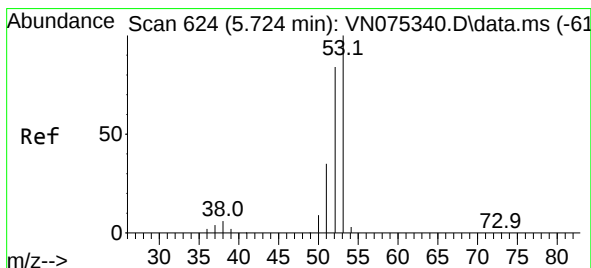
Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

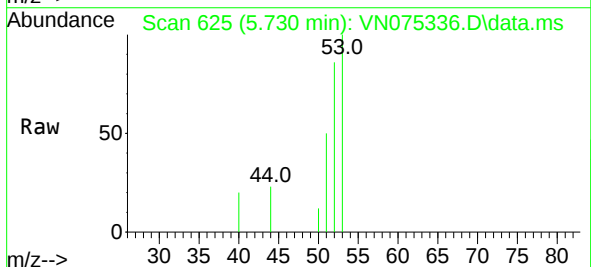


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 Supervised By :Mahesh  
 Dadoda

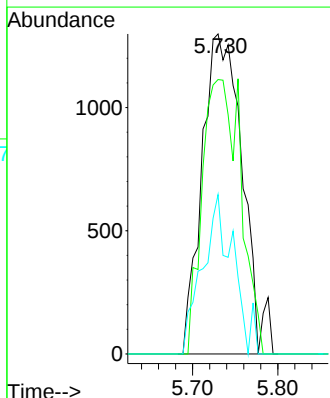
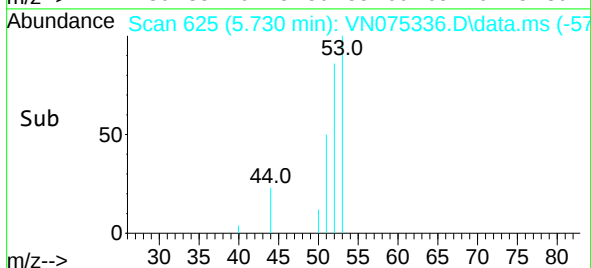
11/23/2022

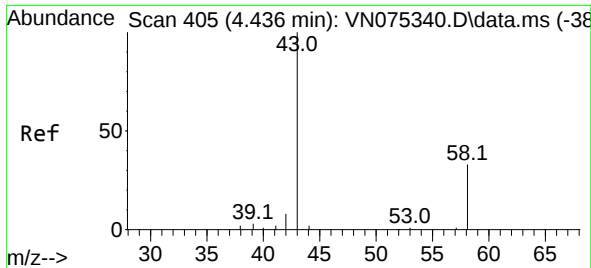


#15  
 Acrylonitrile  
 Concen: 5.478 ug/l  
 RT: 5.730 min Scan# 625  
 Delta R.T. 0.006 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06



Tgt Ion: 53 Resp: 4274  
 Ion Ratio Lower Upper  
 53 100  
 52 0.0 66.4 99.6  
 51 36.3 29.6 44.4





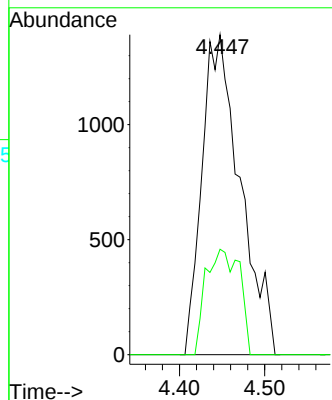
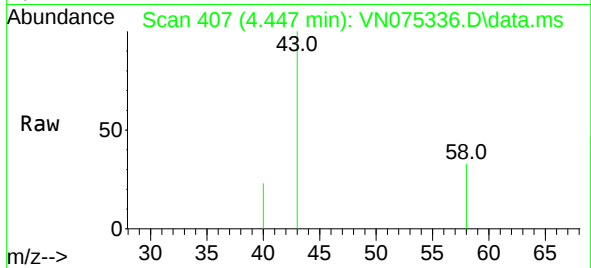
#16  
Acetone  
Concen: 12.193 ug/l  
RT: 4.447 min Scan# 405  
Delta R.T. 0.011 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 43 Resp: 434  
Ion Ratio Lower Upper  
43 100  
58 32.9 25.5 38.3

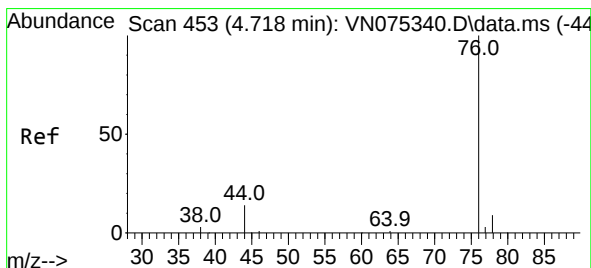
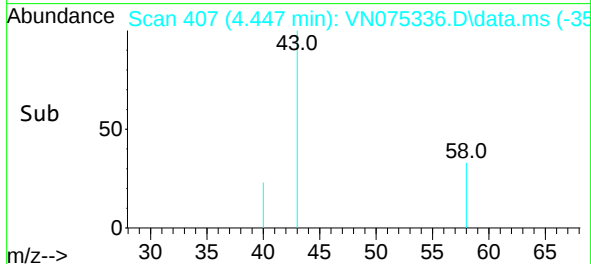
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



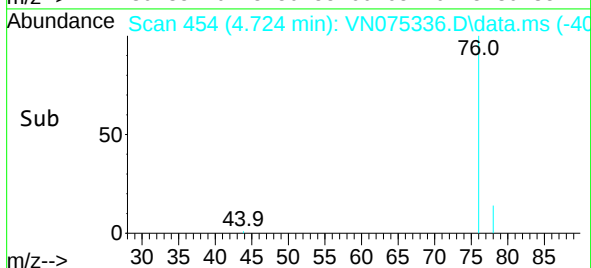
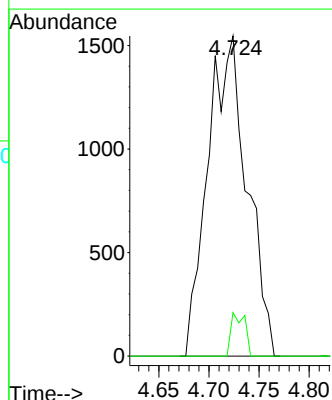
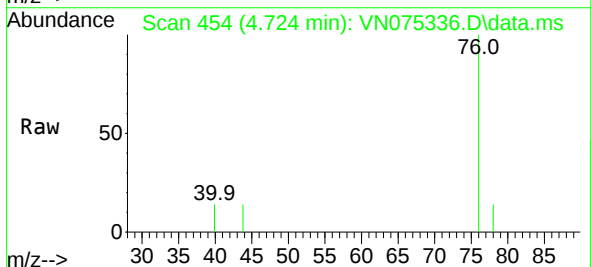
11/23/2022  
Supervised By :Mahesh  
Dadoda

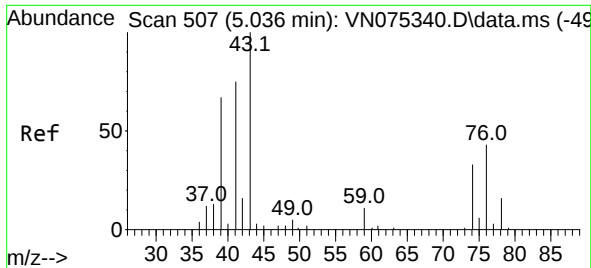
11/23/2022



#17  
Carbon Disulfide  
Concen: 1.165 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

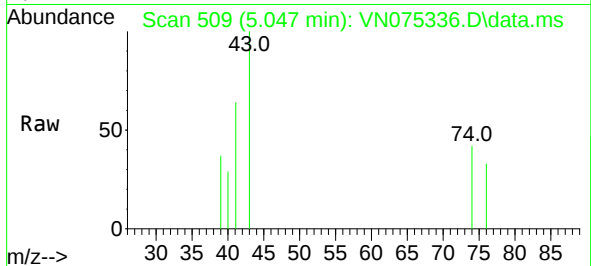
Tgt Ion: 76 Resp: 4207  
Ion Ratio Lower Upper  
76 100  
78 13.6 7.4 11.2#





#18  
Methyl Acetate  
Concen: 1.576 ug/l  
RT: 5.047 min Scan# 507  
Delta R.T. 0.011 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

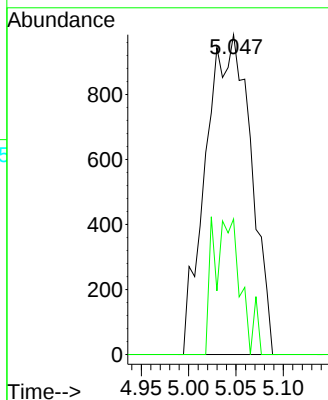
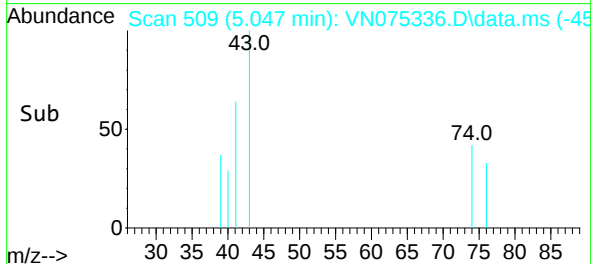
Instrument :  
MSVOA\_N  
Client Sample Id :  
VSTDIC001



Tgt Ion: 43 Resp: 3259  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.0 33.0

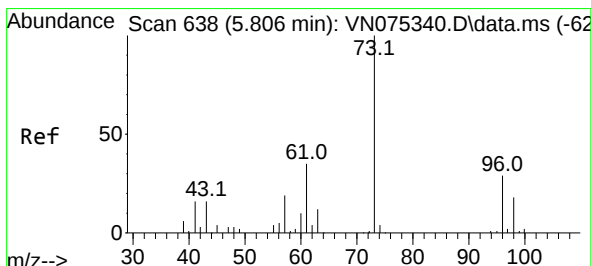
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



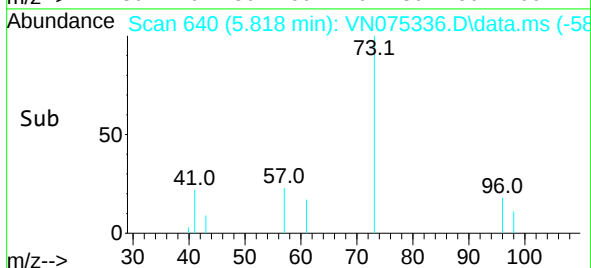
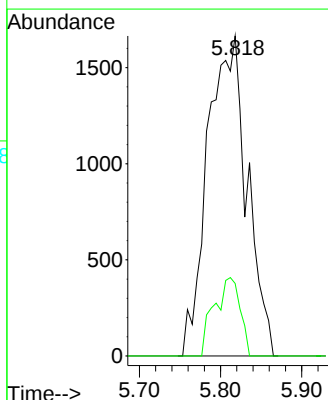
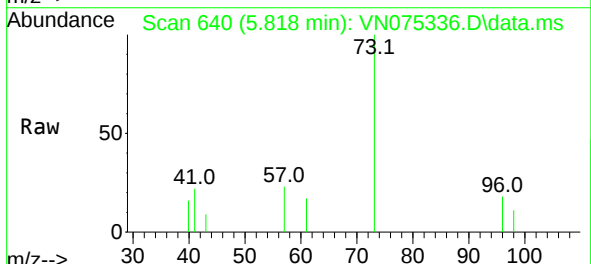
11/23/2022  
Supervised By :Mahesh  
Dadoda

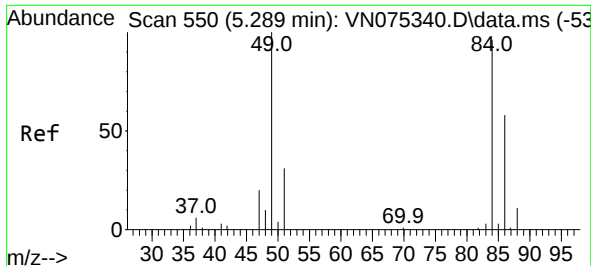
11/23/2022



#19  
Methyl tert-butyl Ether  
Concen: 1.137 ug/l  
RT: 5.818 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion: 73 Resp: 5599  
Ion Ratio Lower Upper  
73 100  
57 22.6 16.3 24.5





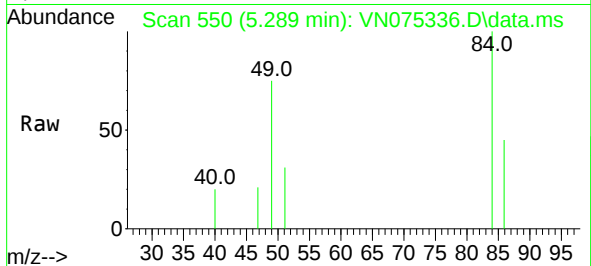
#20  
Methylene Chloride  
Concen: 1.400 ug/l  
RT: 5.289 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

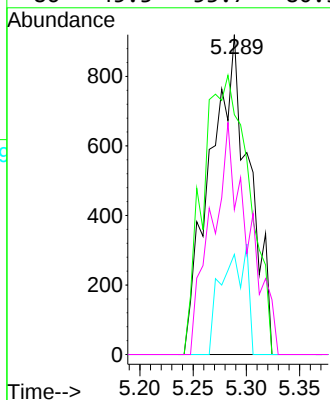
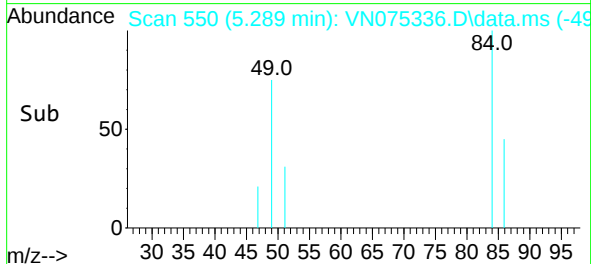
VSTDIC001



Tgt Ion: 84 Resp: 2352  
Ion Ratio Lower Upper  
84 100  
49 75.0 94.9 142.3  
51 31.3 26.8 40.2  
86 45.3 53.7 80.5#

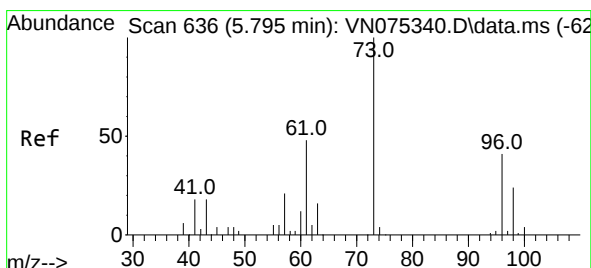
Manual Integrations  
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Reviewed By :Krupa  
Patel

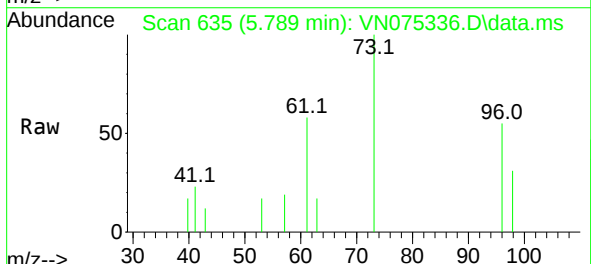


11/23/2022  
Supervised By :Mahesh  
Dadoda

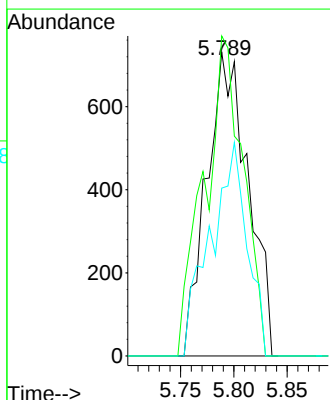
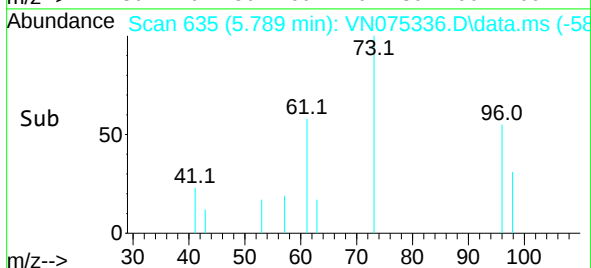
11/23/2022

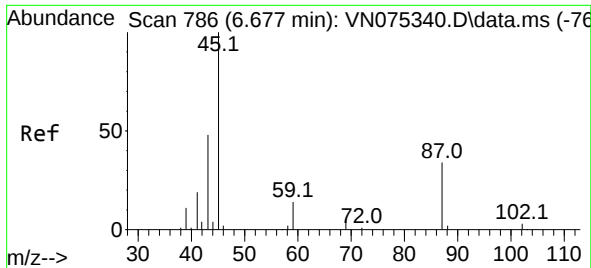


#21  
trans-1,2-Dichloroethene  
Concen: 1.271 ug/l  
RT: 5.789 min Scan# 635  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



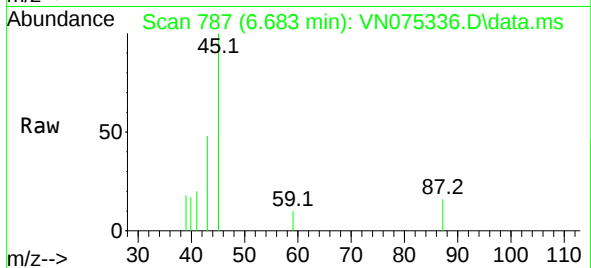
Tgt Ion: 96 Resp: 1976  
Ion Ratio Lower Upper  
96 100  
61 105.3 99.9 149.9  
98 55.3 51.5 77.3





#22  
Diisopropyl ether  
Concen: 1.020 ug/l  
RT: 6.683 min Scan# 786  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

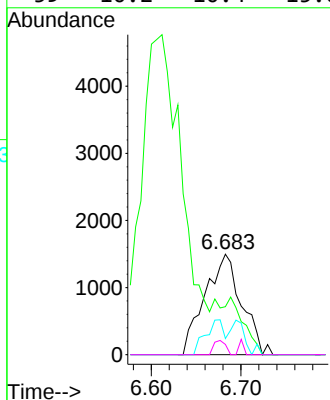
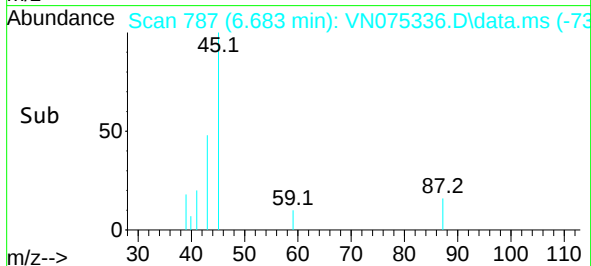
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 45 Resp: 4260  
Ion Ratio Lower Upper  
45 100  
43 47.8 42.8 64.2  
87 16.1 28.4 42.6  
59 10.2 10.4 15.6#

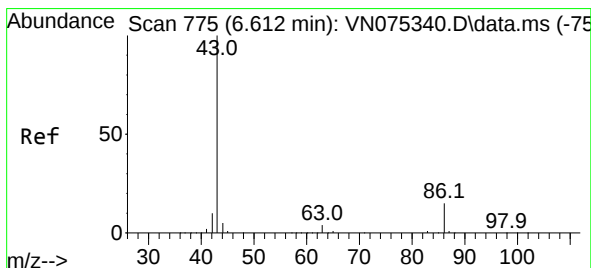
Manual Integrations  
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Reviewed By :Krupa  
Patel

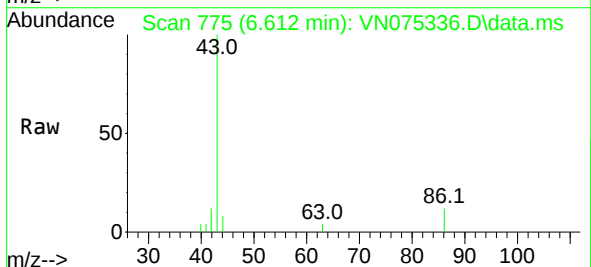


11/23/2022  
Supervised By :Mahesh  
Dadoda

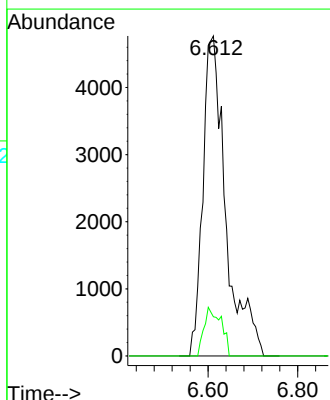
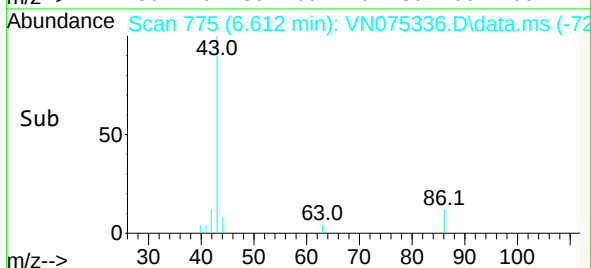
11/23/2022

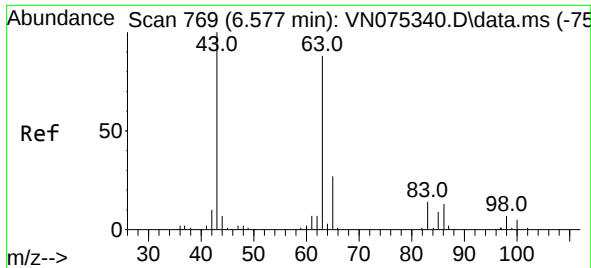


#23  
Vinyl Acetate  
Concen: 5.066 ug/l m  
RT: 6.612 min Scan# 775  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



Tgt Ion: 43 Resp: 16971  
Ion Ratio Lower Upper  
43 100  
86 12.2 10.7 16.1





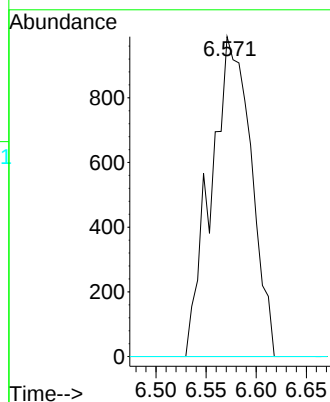
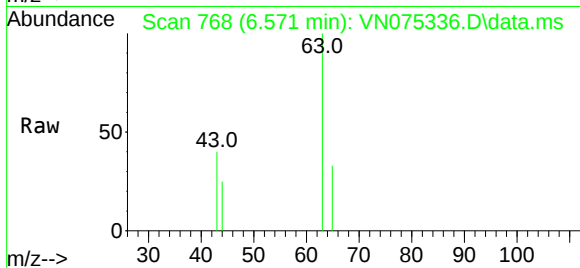
#24  
1,1-Dichloroethane  
Concen: 1.030 ug/l  
RT: 6.571 min Scan# 769  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 63 Resp: 2750  
Ion Ratio Lower Upper  
63 100  
98 0.0 3.6 10.8  
100 0.0 2.4 7.2

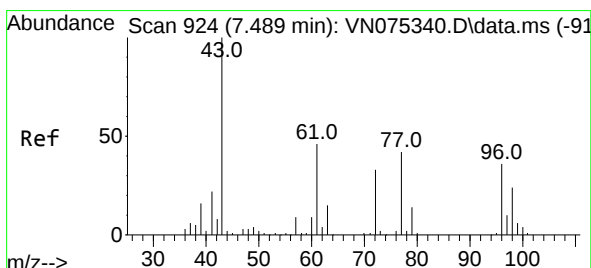
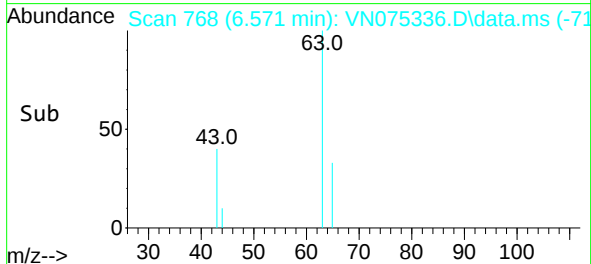
Manual Integrations  
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Reviewed By :Krupa  
Patel



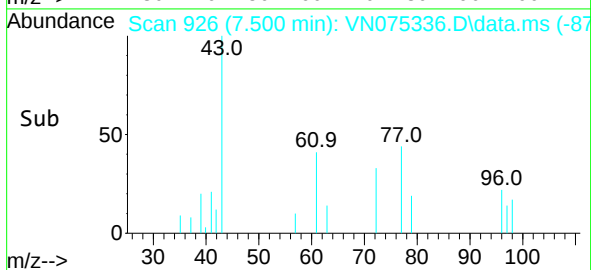
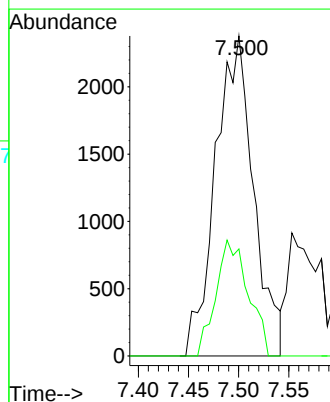
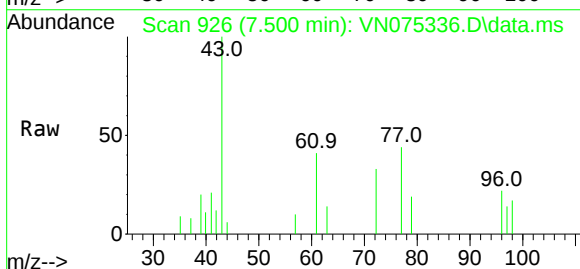
11/23/2022  
Supervised By :Mahesh  
Dadoda

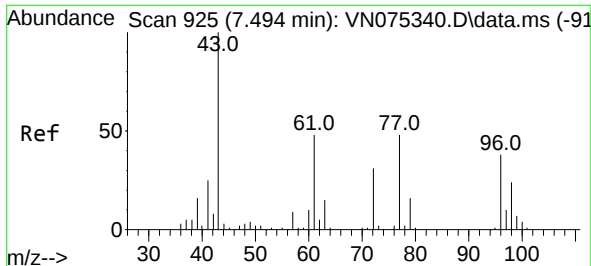
11/23/2022



#25  
2-Butanone  
Concen: 6.121 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. 0.011 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion: 43 Resp: 6316  
Ion Ratio Lower Upper  
43 100  
72 33.5 25.5 38.3





#26

2,2-Dichloropropane

Concen: 1.138 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 2780

Ion Ratio Lower Upper

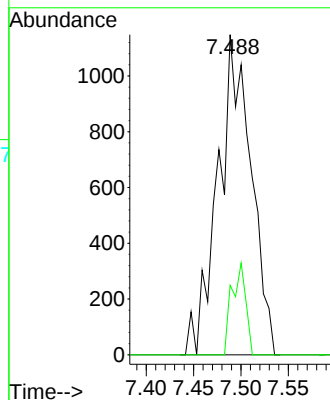
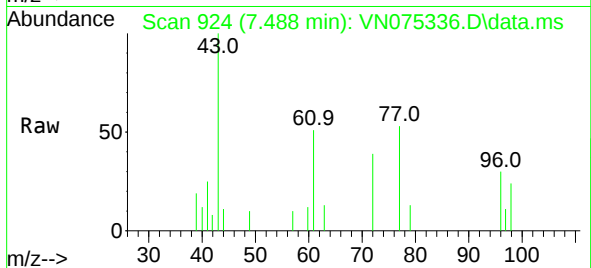
77 100

97 12.1 11.2 33.6

Manual Integrations

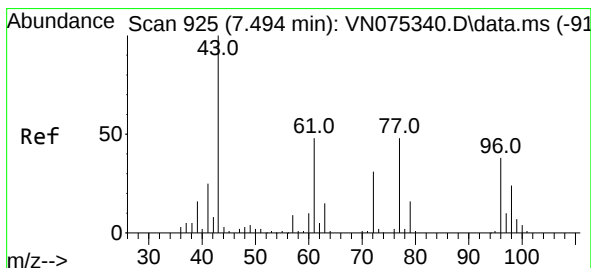
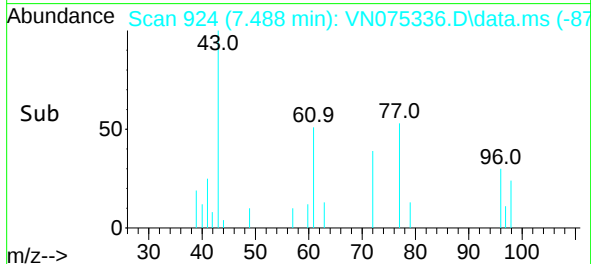
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#27

cis-1,2-Dichloroethene

Concen: 0.951 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

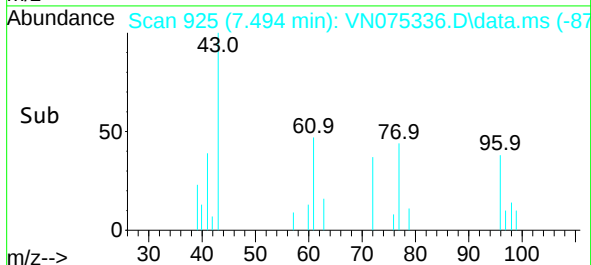
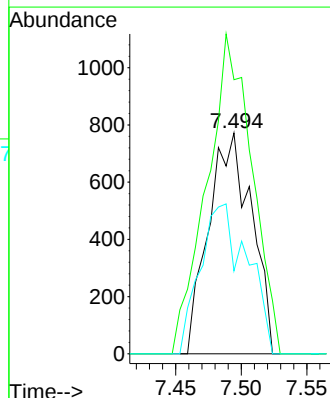
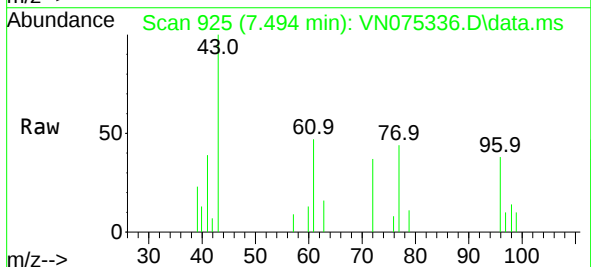
Tgt Ion: 96 Resp: 1756

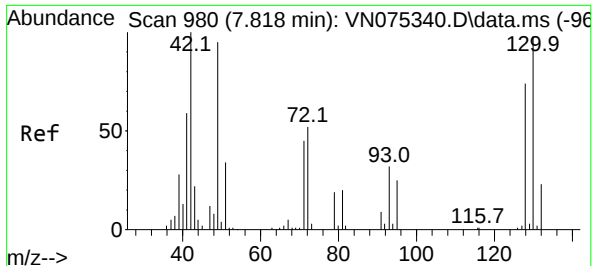
Ion Ratio Lower Upper

96 100

61 152.3 0.0 278.8

98 74.6 0.0 128.4





#28

Bromochloromethane

Concen: 0.975 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

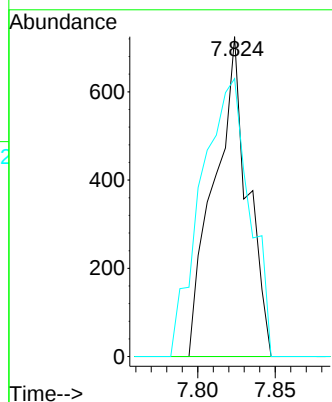
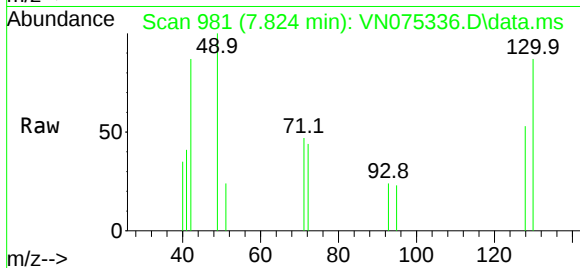
VSTDIC001

Tgt Ion: 49 Resp: 1080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 4.6   |
| 130 | 125.3 | 66.2  | 99.4  |

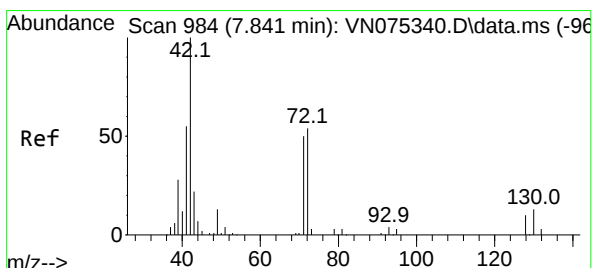
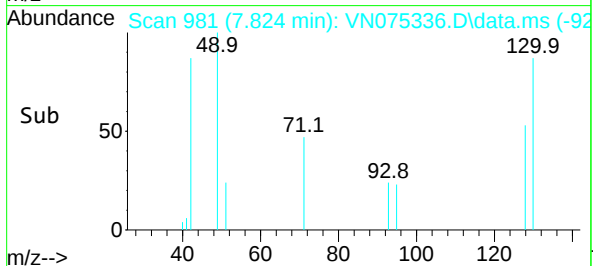
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#29

Tetrahydrofuran

Concen: 5.409 ug/l

RT: 7.853 min Scan# 986

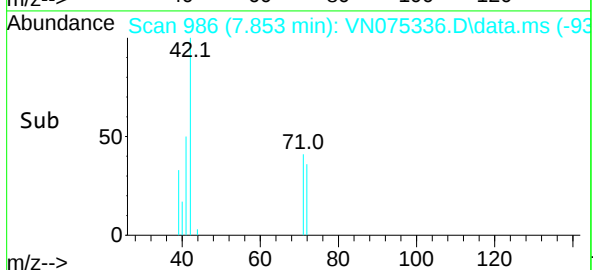
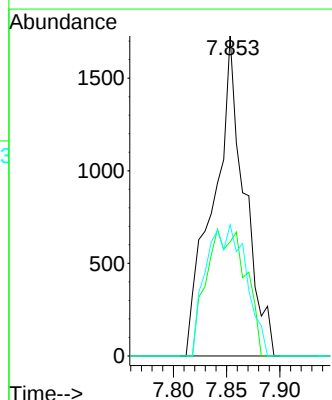
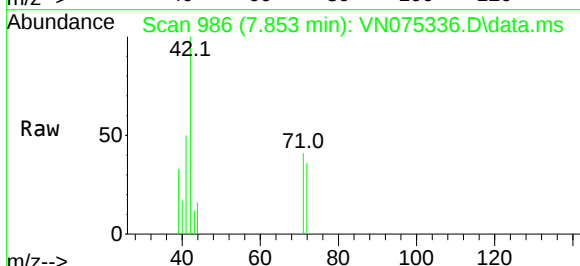
Delta R.T. 0.012 min

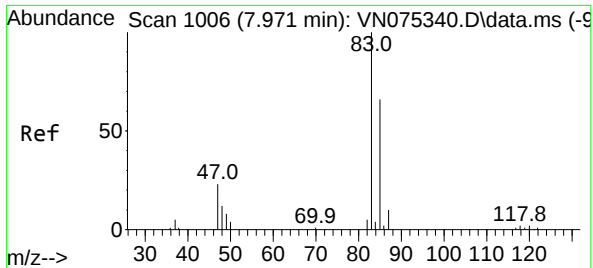
Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Tgt Ion: 42 Resp: 3487

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 49.9  | 43.0  | 64.6  |
| 71  | 26.9  | 39.9  | 59.9  |





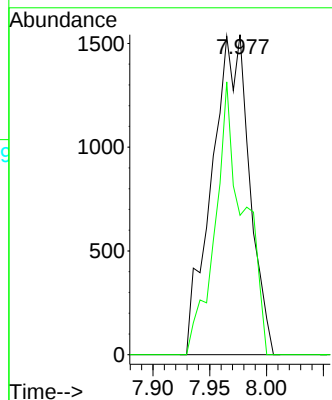
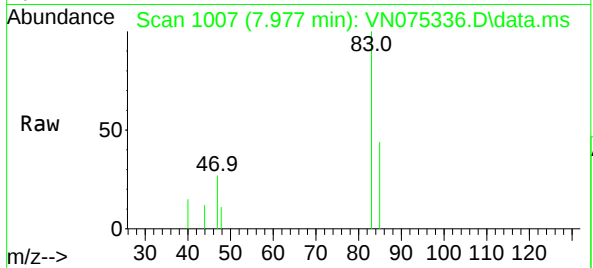
#30  
Chloroform  
Concen: 1.189 ug/l  
RT: 7.977 min Scan# 1006  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 83 Resp: 3558  
Ion Ratio Lower Upper  
83 100  
85 43.6 51.4 77.0

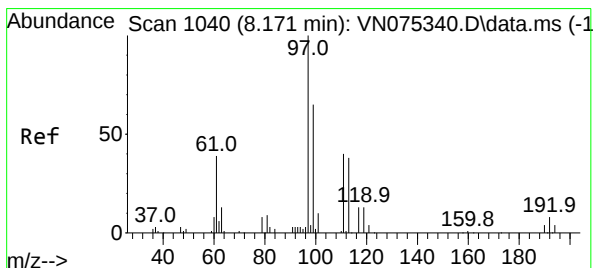
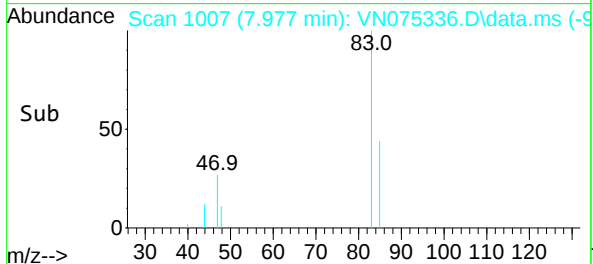
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



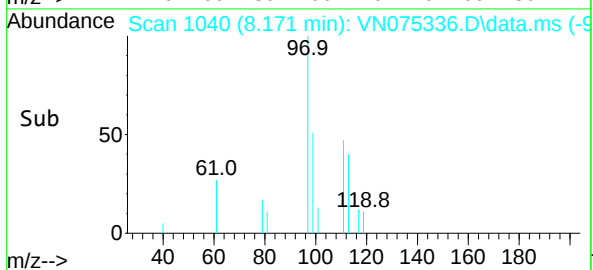
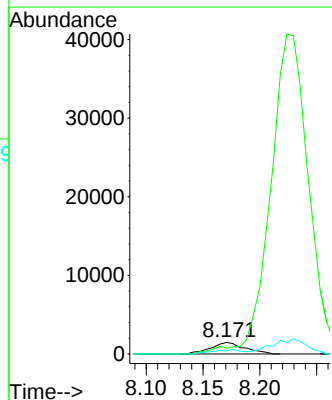
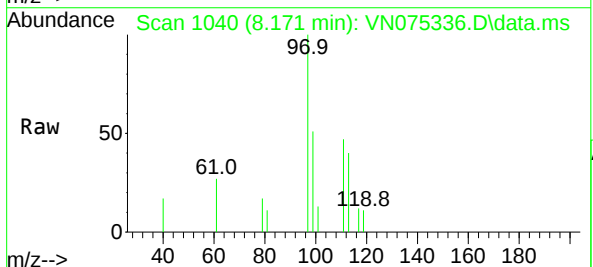
11/23/2022  
Supervised By :Mahesh  
Dadoda

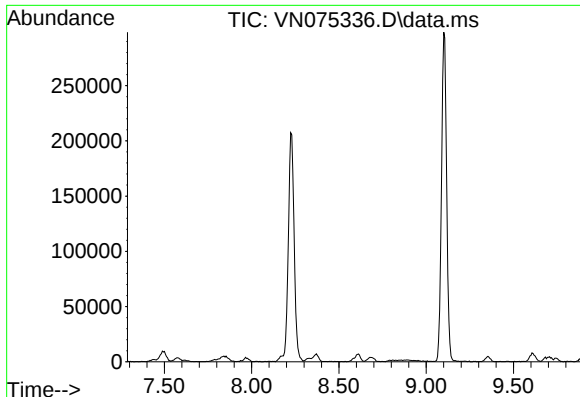
11/23/2022



#32  
1,1,1-Trichloroethane  
Concen: 1.099 ug/l  
RT: 8.171 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion: 97 Resp: 3037  
Ion Ratio Lower Upper  
97 100  
99 0.0 50.2 75.2#  
61 32.2 37.0 55.6#





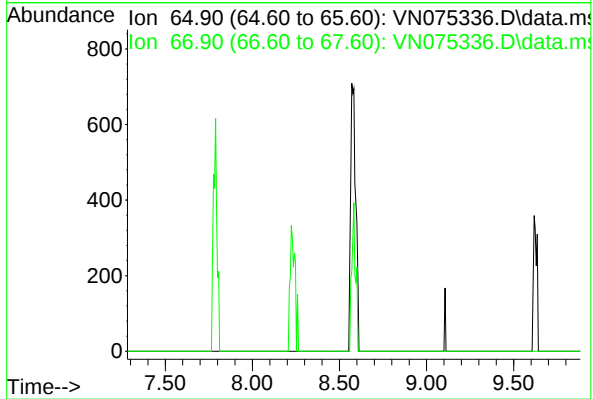
#33  
 1,2-Dichloroethane-d4  
 Concen: 0.000 ug/l  
 Expected RT: 8.58 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

Tgt Ion: 65  
 Sig Exp Ratio  
 65 100  
 67 51.0

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

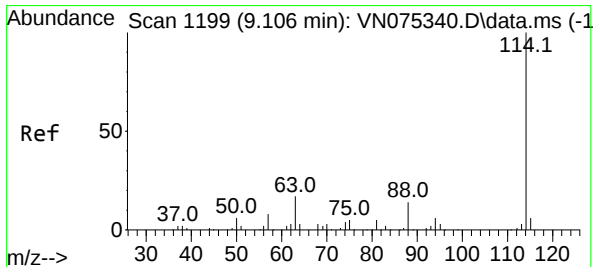
Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel



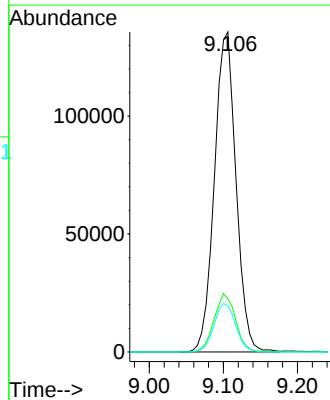
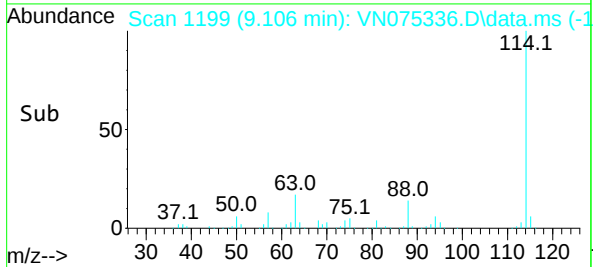
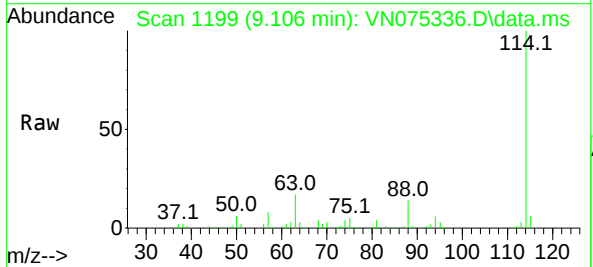
11/23/2022  
 Supervised By :Mahesh  
 Dadoda

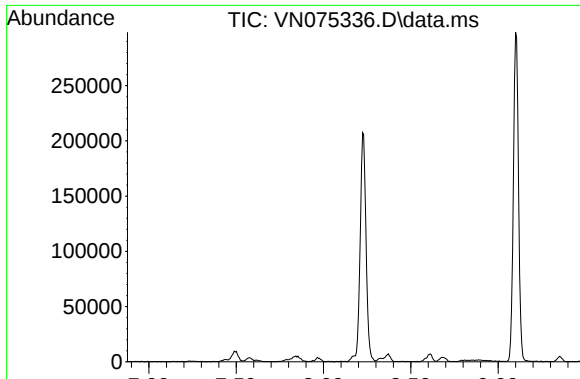
11/23/2022



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.106 min Scan# 1199  
 Delta R.T. 0.000 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

Tgt Ion:114 Resp: 274516  
 Ion Ratio Lower Upper  
 114 100  
 63 16.7 0.0 39.6  
 88 14.4 0.0 29.0





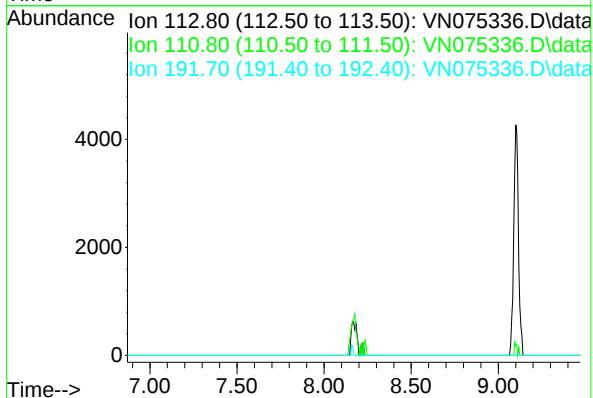
#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 8.17 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 100.6  
 192 16.5

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

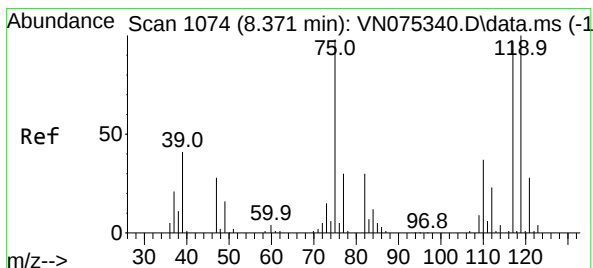
Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel



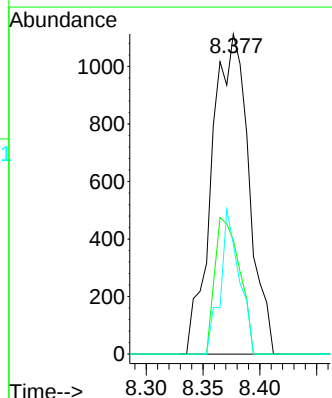
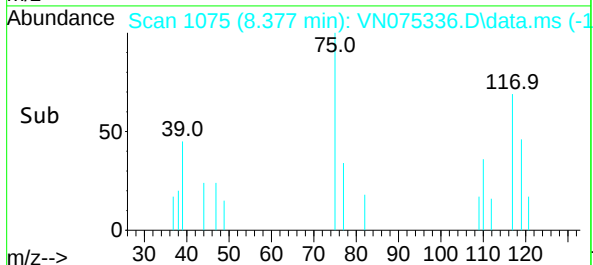
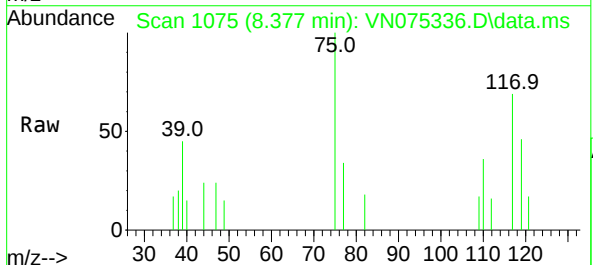
11/23/2022  
 Supervised By :Mahesh  
 Dadoda

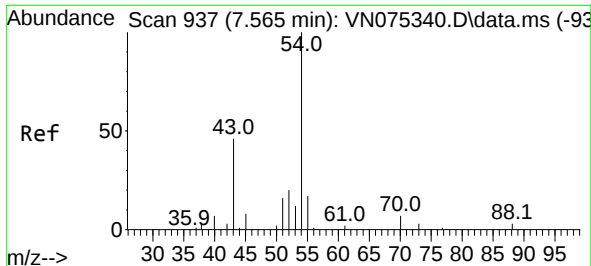
11/23/2022



#36  
 1,1-Dichloropropene  
 Concen: 1.107 ug/l  
 RT: 8.377 min Scan# 1075  
 Delta R.T. 0.006 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

Tgt Ion: 75 Resp: 2516  
 Ion Ratio Lower Upper  
 75 100  
 110 28.7 17.8 53.3  
 77 23.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.957 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN075336.D

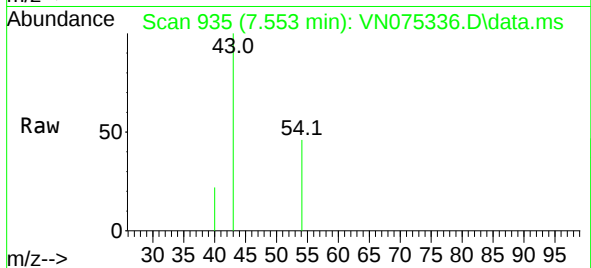
Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

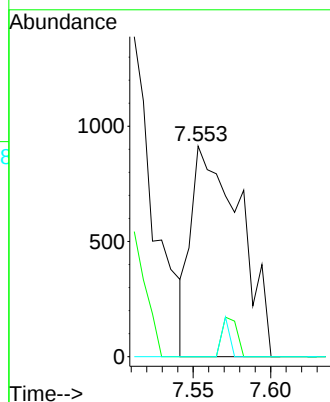
VSTDIC001



|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 199   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 5.8      | 12.2 18.4   |
| 70 3.1      | 9.4 14.2    |

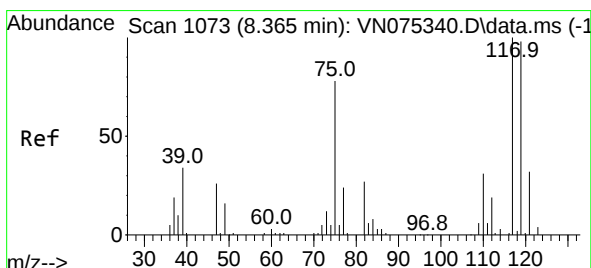
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#38

Carbon Tetrachloride

Concen: 0.965 ug/l

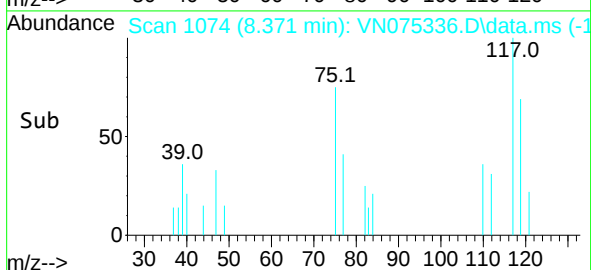
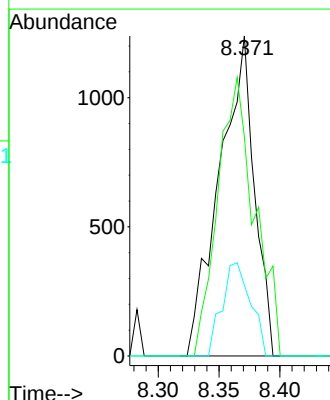
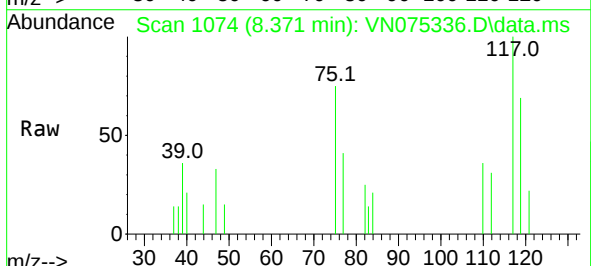
RT: 8.371 min Scan# 1074

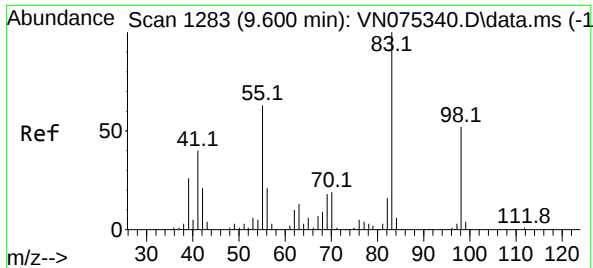
Delta R.T. 0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 2472  |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 68.6     | 76.7 115.1# |
| 121 22.1     | 23.9 35.9#  |





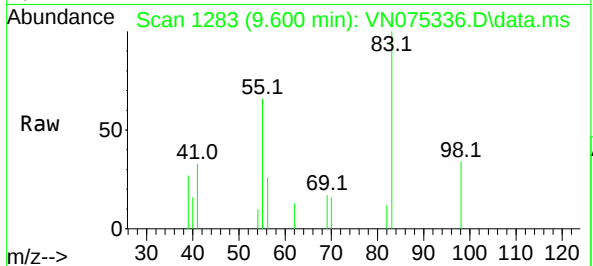
#39  
Methylcyclohexane  
Concen: 1.016 ug/l  
RT: 9.600 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

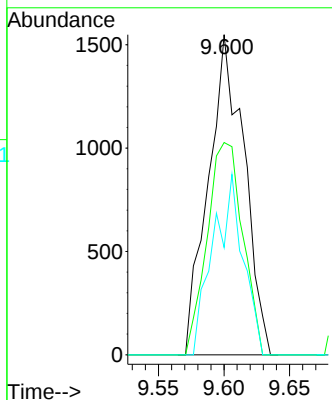
VSTDIC001



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 294  |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 55        | 66.3  | 53.6  | 80.4 |
| 98        | 33.5  | 41.1  | 61.7 |

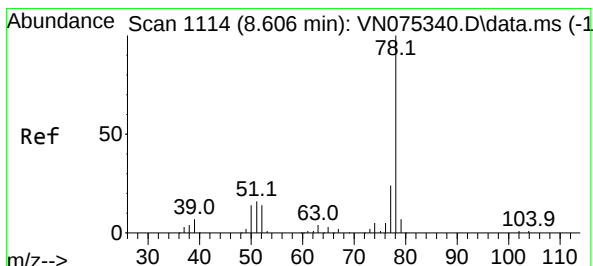
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



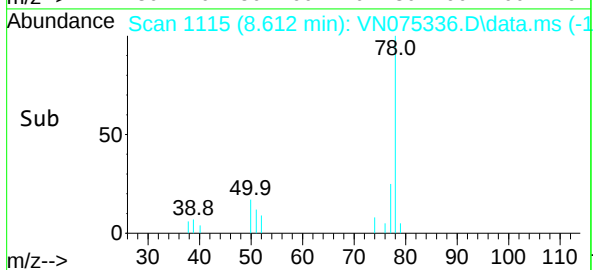
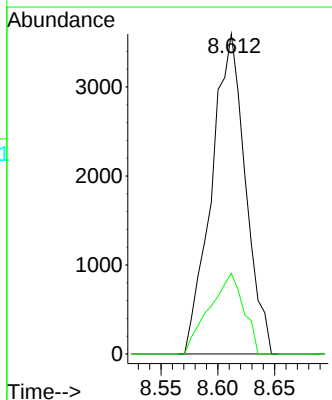
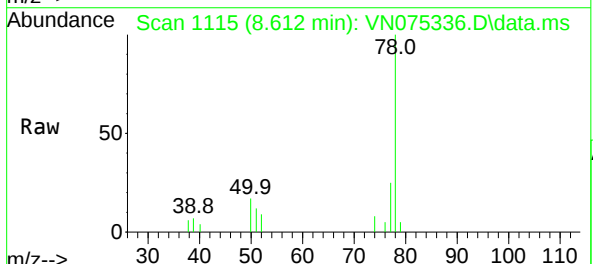
11/23/2022  
Supervised By :Mahesh  
Dadoda

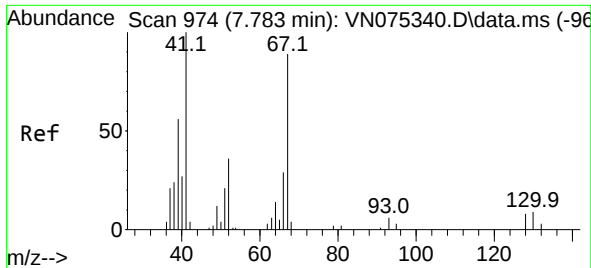
11/23/2022



#40  
Benzene  
Concen: 1.070 ug/l  
RT: 8.612 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

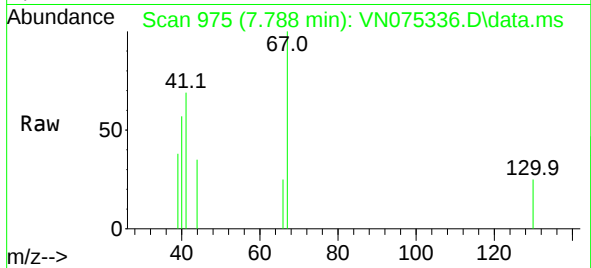
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 78    | Resp: | 7473 |
| Ion Ratio | Lower | Upper |      |
| 78        | 100   |       |      |
| 77        | 25.2  | 19.4  | 29.0 |





#41  
Methacrylonitrile  
Concen: 0.972 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

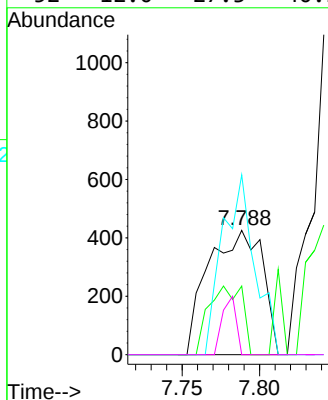
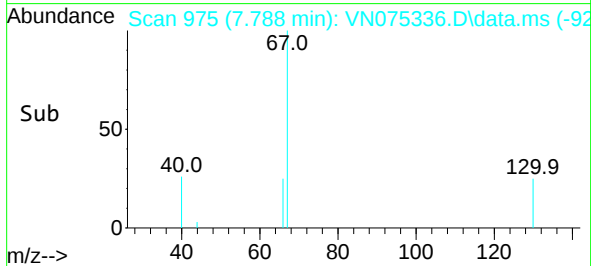
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 41 Resp: 1030  
Ion Ratio Lower Upper  
41 100  
39 34.1 44.4 66.6  
67 86.0 69.8 104.6  
52 12.0 27.3 40.9

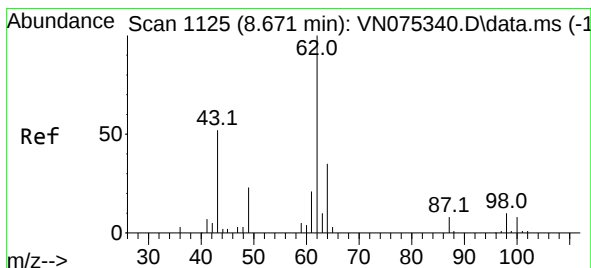
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel

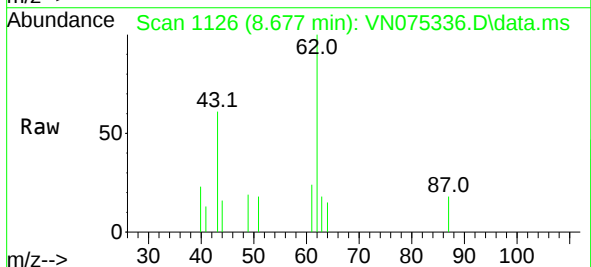


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Supervised By :Mahesh  
Dadoda

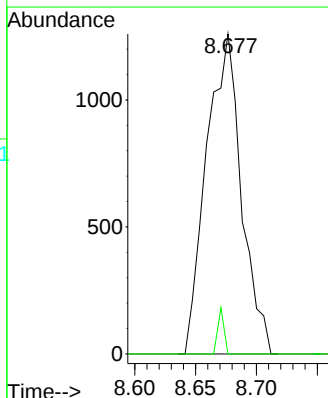
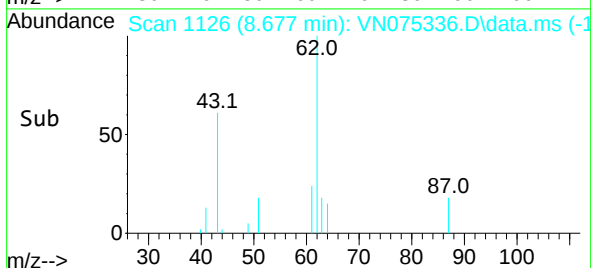
11/23/2022

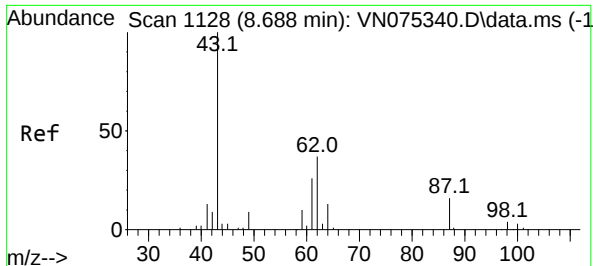


#42  
1,2-Dichloroethane  
Concen: 1.078 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



Tgt Ion: 62 Resp: 2509  
Ion Ratio Lower Upper  
62 100  
98 2.6 0.0 18.2





#43

Isopropyl Acetate

Concen: 1.012 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

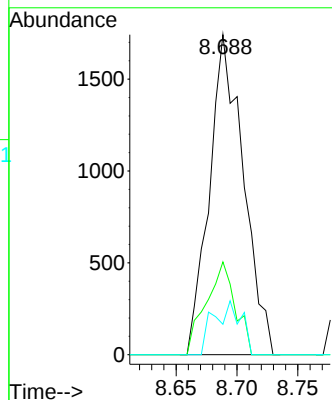
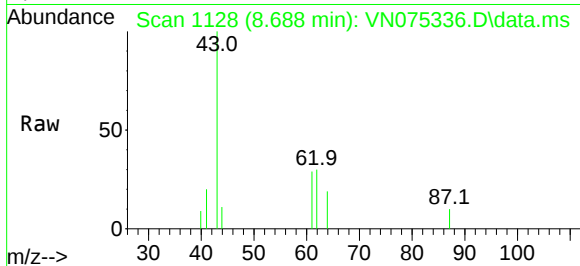
ClientSampleId :

VSTDICC001

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 338   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 25.0     | 22.4 33.6   |
| 87 6.3      | 12.5 18.7   |

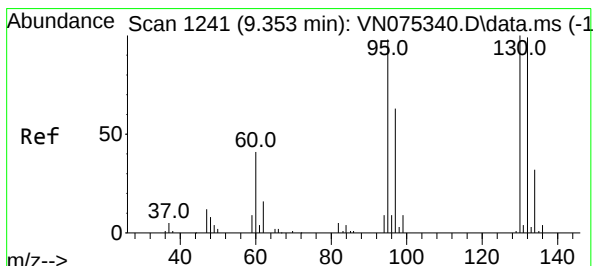
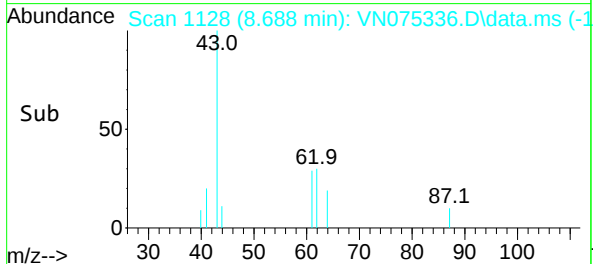
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#44

Trichloroethene

Concen: 1.072 ug/l

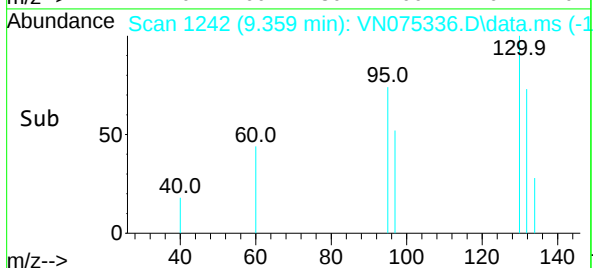
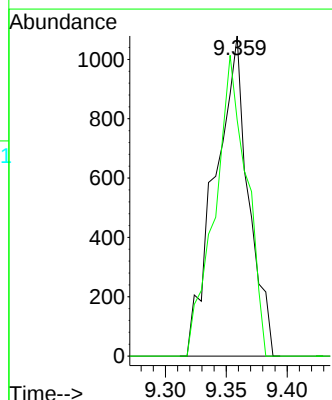
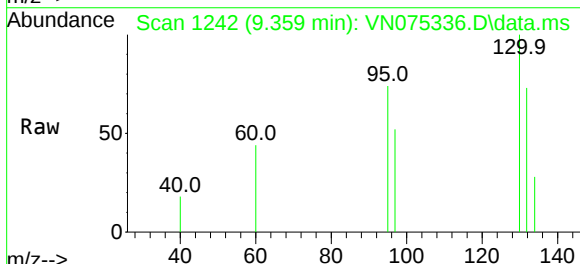
RT: 9.359 min Scan# 1242

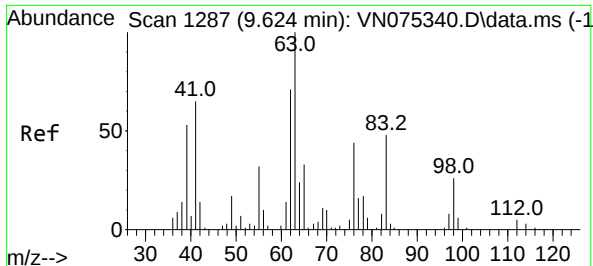
Delta R.T. 0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 2053  |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 73.8     | 0.0 198.4   |





#45

1,2-Dichloropropane

Concen: 1.025 ug/l

RT: 9.630 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 171

Ion Ratio Lower Upper

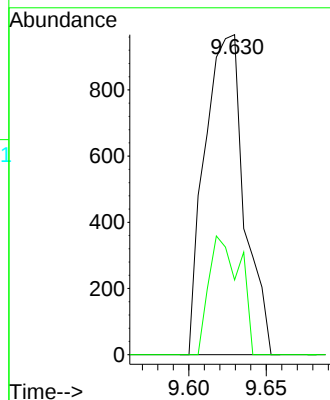
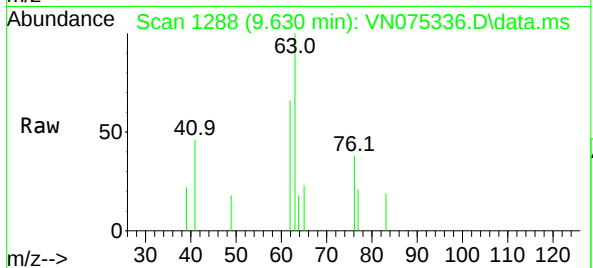
63 100

65 23.4 26.1 39.1

Manual Integrations

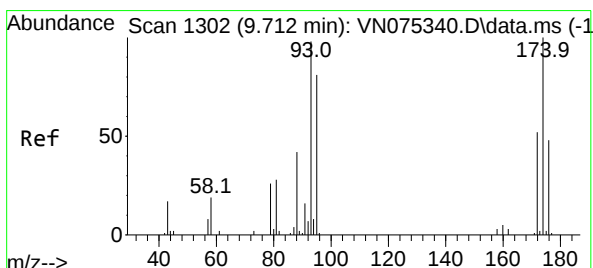
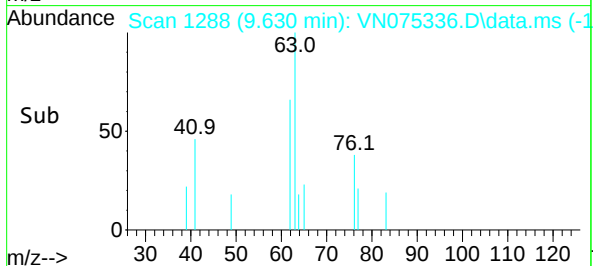
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#46

Dibromomethane

Concen: 1.049 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

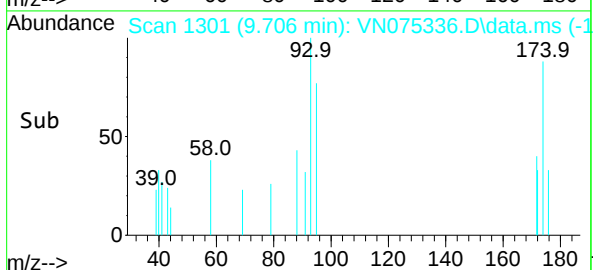
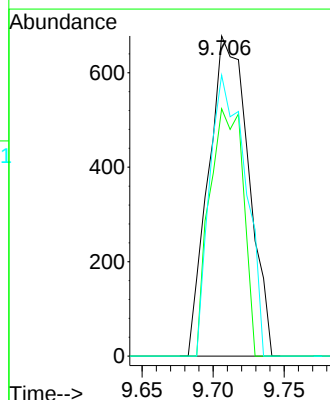
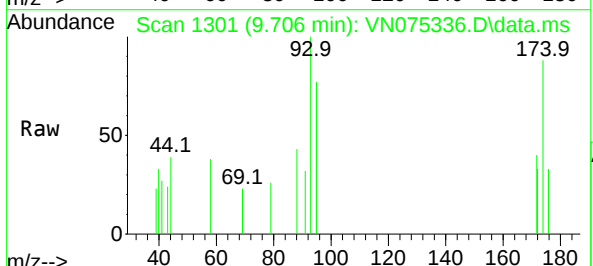
Tgt Ion: 93 Resp: 1325

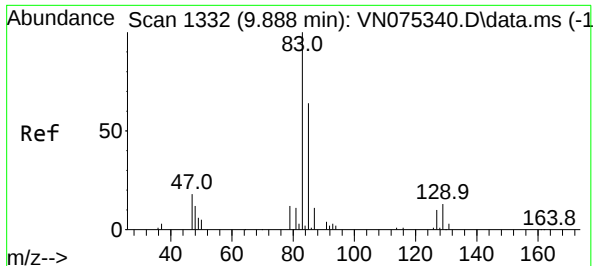
Ion Ratio Lower Upper

93 100

95 65.1 66.6 99.8

174 78.5 70.3 105.5





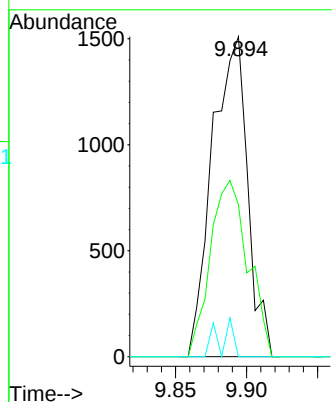
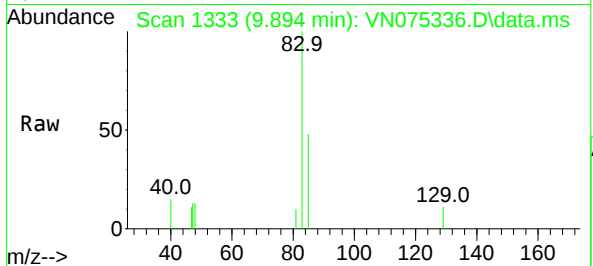
#47  
Bromodichloromethane  
Concen: 1.068 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 83 Resp: 261  
Ion Ratio Lower Upper  
83 100  
85 47.5 52.1 78.1  
127 0.0 6.6 10.0

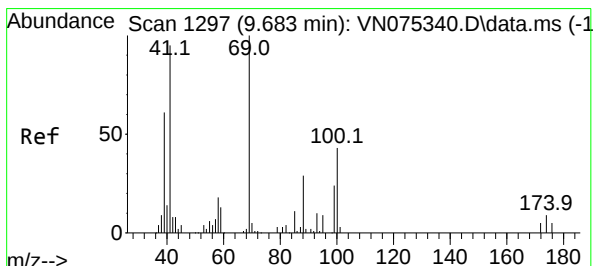
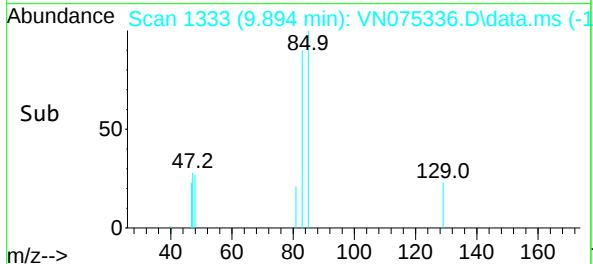
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



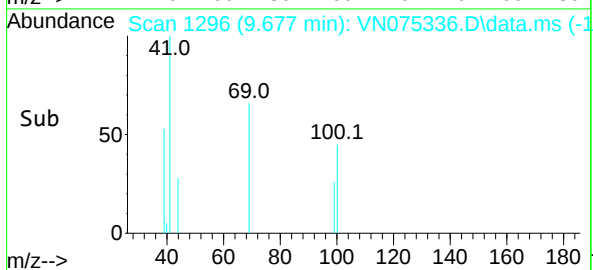
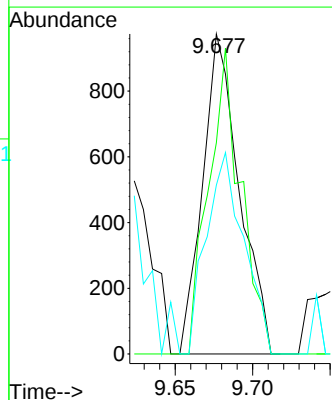
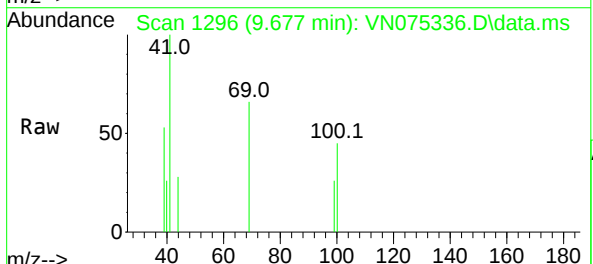
11/23/2022  
Supervised By :Mahesh  
Dadoda

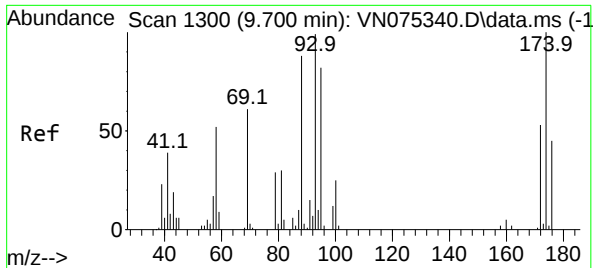
11/23/2022



#48  
Methyl methacrylate  
Concen: 1.043 ug/l  
RT: 9.677 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion: 41 Resp: 1602  
Ion Ratio Lower Upper  
41 100  
69 84.2 80.2 120.2  
39 64.7 56.2 84.2





#49

1,4-Dioxane

Concen: 17.315 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

Tgt Ion: 88 Resp: 770

Ion Ratio Lower Upper

88 100

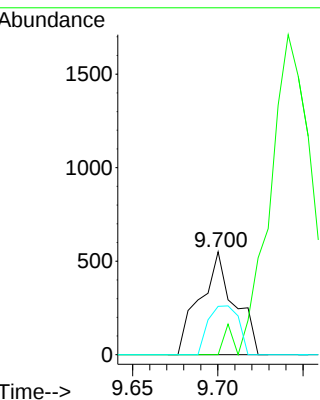
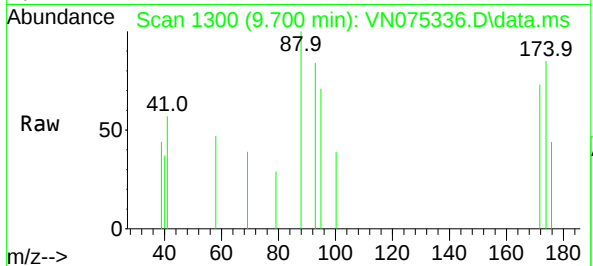
43 0.0 17.5 26.3

58 41.6 49.8 74.8

Manual Integrations

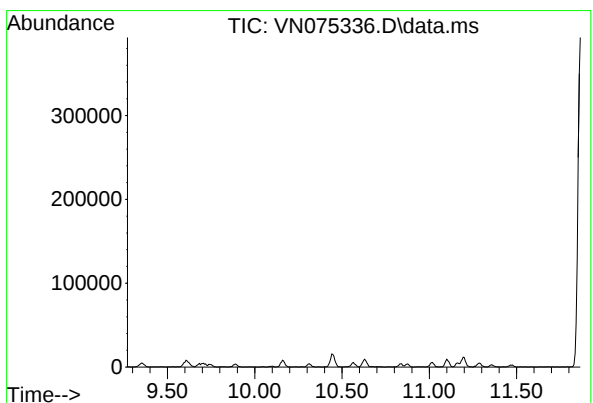
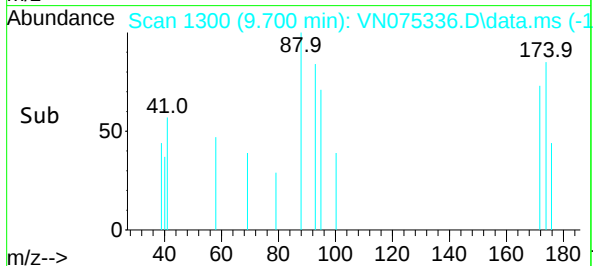
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

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#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.57 min

Lab File: VN075336.D

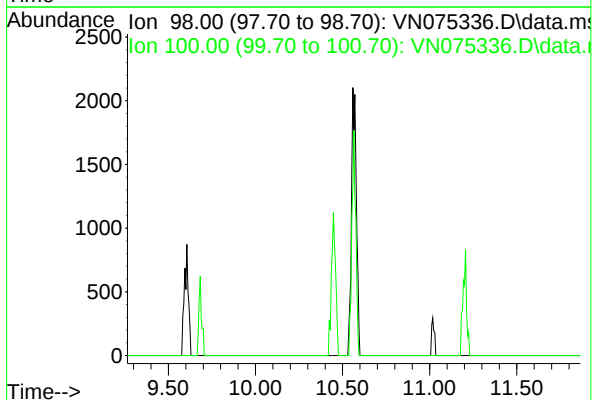
Acq: 21 Nov 2022 11:06

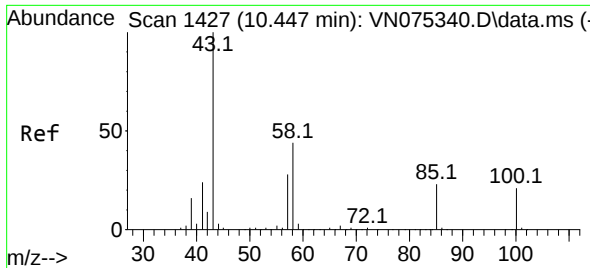
Tgt Ion: 98

Sig Exp Ratio

98 100

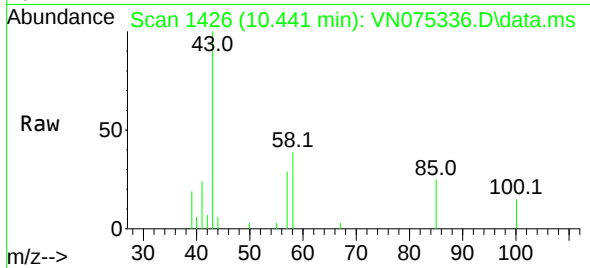
100 66.3





#51  
4-Methyl-2-Pentanone  
Concen: 4.804 ug/l  
RT: 10.441 min Scan# 1426  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

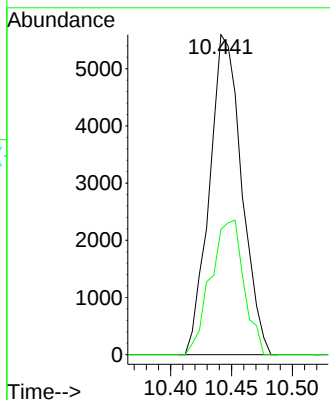
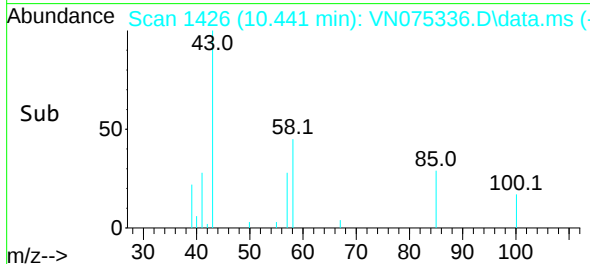
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC001



Tgt Ion: 43 Resp: 1031  
Ion Ratio Lower Upper  
43 100  
58 43.2 33.6 50.4

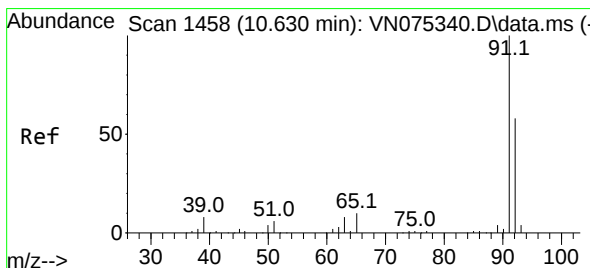
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



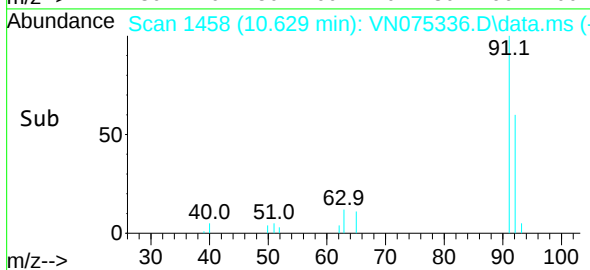
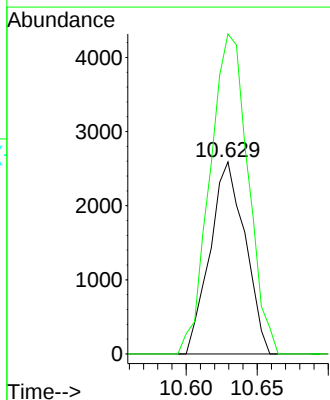
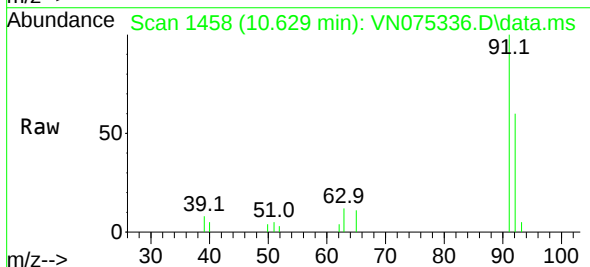
11/23/2022  
Supervised By :Mahesh  
Dadoda

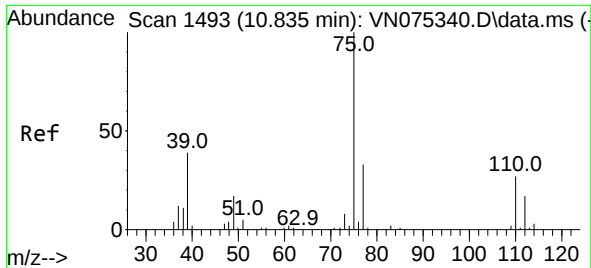
11/23/2022



#52  
Toluene  
Concen: 0.970 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.001 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

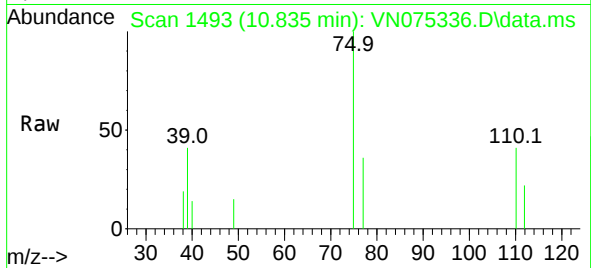
Tgt Ion: 92 Resp: 4458  
Ion Ratio Lower Upper  
92 100  
91 180.8 135.4 203.2





#53  
t-1,3-Dichloropropene  
Concen: 0.845 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

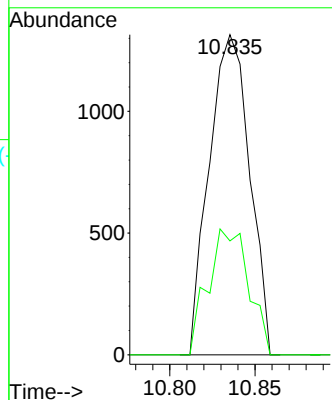
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 75 Resp: 2170  
Ion Ratio Lower Upper  
75 100  
77 35.6 25.4 38.2

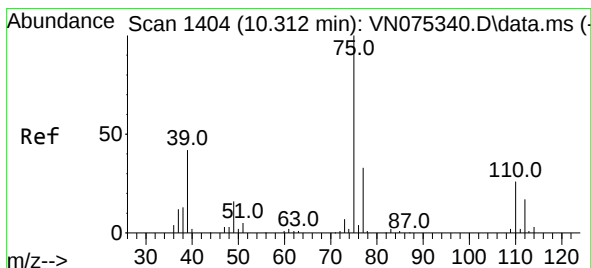
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



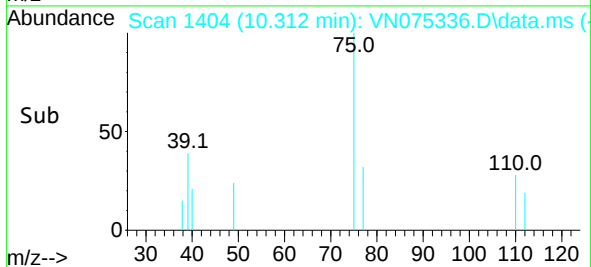
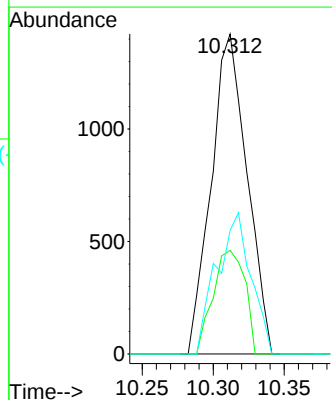
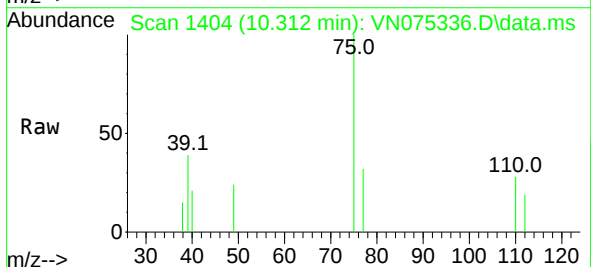
11/23/2022  
Supervised By :Mahesh  
Dadoda

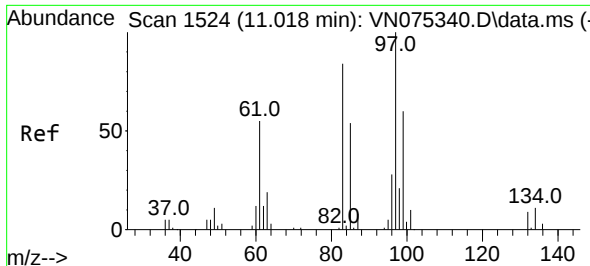
11/23/2022



#54  
cis-1,3-Dichloropropene  
Concen: 0.905 ug/l  
RT: 10.312 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion: 75 Resp: 2494  
Ion Ratio Lower Upper  
75 100  
77 32.3 23.7 35.5  
39 38.6 35.8 53.6





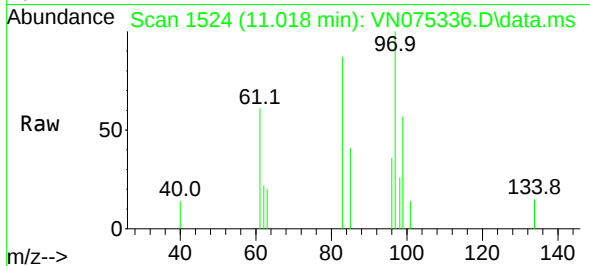
#55  
1,1,2-Trichloroethane  
Concen: 1.117 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

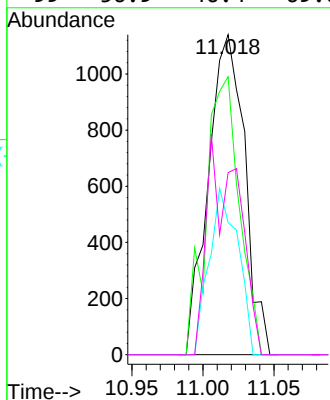
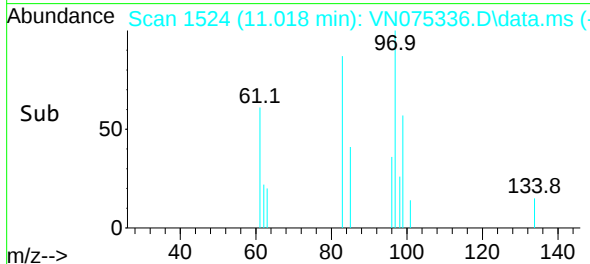
VSTDIC001



| Tgt Ion: | 97    | Resp: | 2034  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.8  | 65.9  | 98.9  |
| 85       | 41.3  | 40.4  | 60.6  |
| 99       | 56.9  | 46.4  | 69.6  |

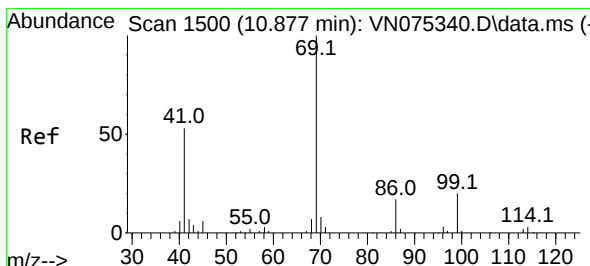
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel

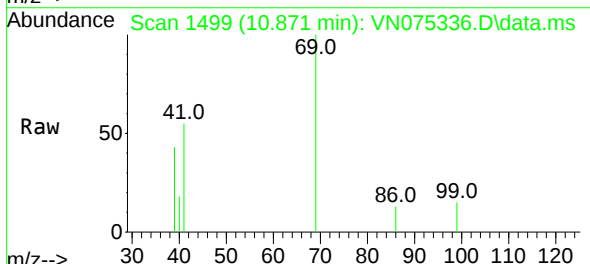


11/23/2022  
Supervised By :Mahesh  
Dadoda

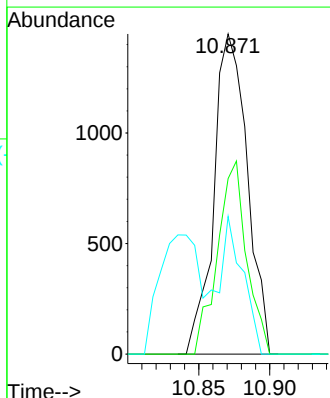
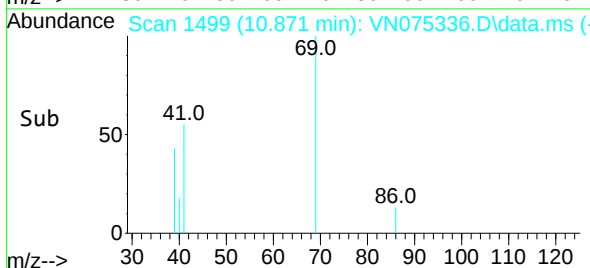
11/23/2022

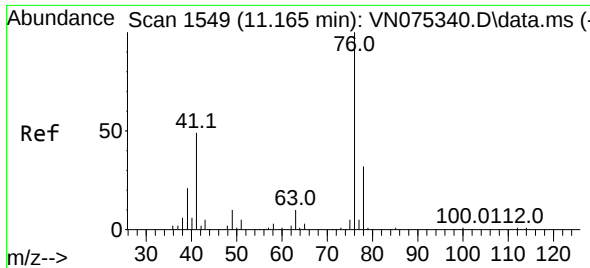


#56  
Ethyl methacrylate  
Concen: 0.925 ug/l  
RT: 10.871 min Scan# 1499  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



| Tgt Ion: | 69    | Resp: | 2372  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.6  | 45.6  | 68.4  |
| 39       | 23.5  | 28.5  | 42.7# |





#57

1,3-Dichloropropane

Concen: 1.098 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 3268

Ion Ratio Lower Upper

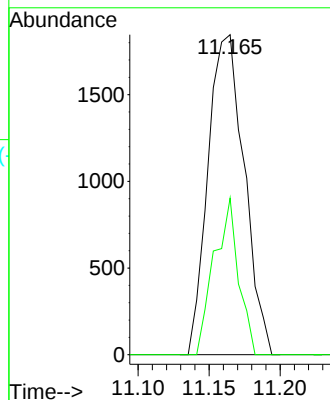
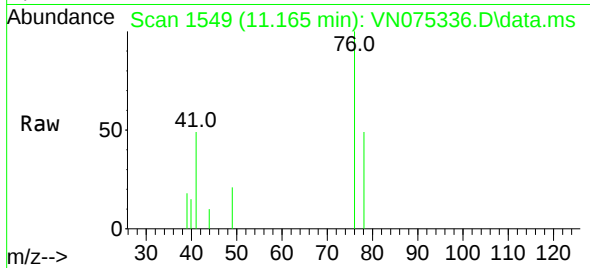
76 100

78 32.8 25.8 38.6

Manual Integrations

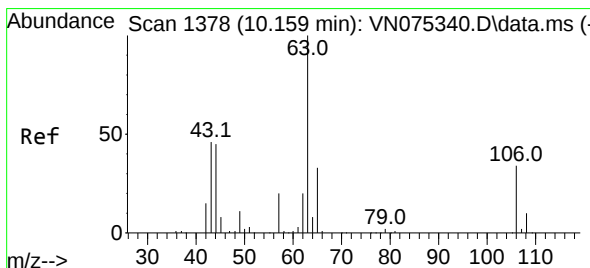
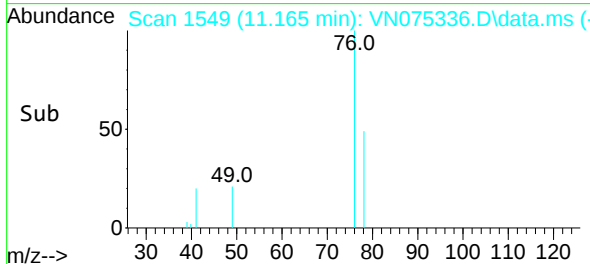
APPROVED

Reviewed By :Krupa  
Patel



11/23/2022  
Supervised By :Mahesh  
Dadoda

11/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 3.799 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075336.D

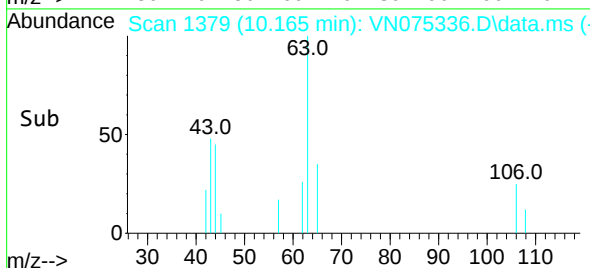
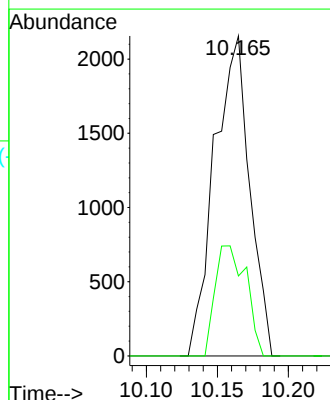
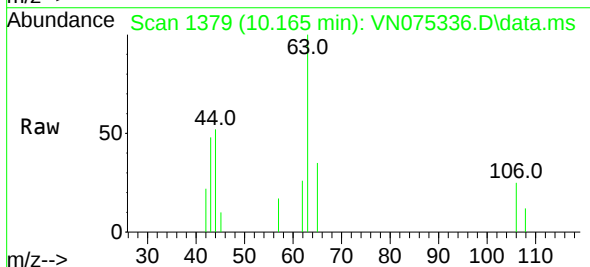
Acq: 21 Nov 2022 11:06

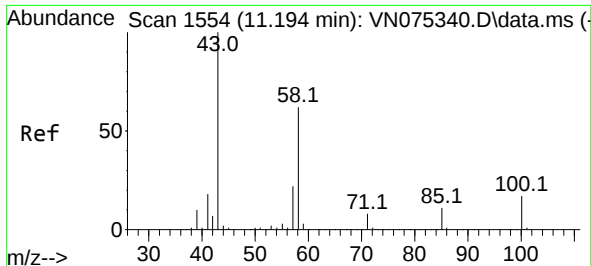
Tgt Ion: 63 Resp: 3717

Ion Ratio Lower Upper

63 100

106 30.2 24.8 37.2





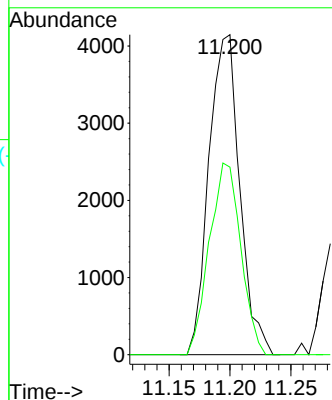
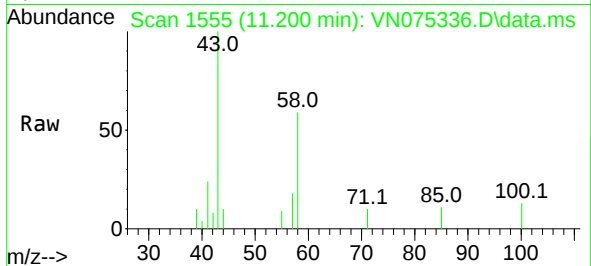
#59  
2-Hexanone  
Concen: 4.481 ug/l  
RT: 11.200 min Scan# 1554  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 43 Resp: 7308  
Ion Ratio Lower Upper  
43 100  
58 61.0 29.6 88.8

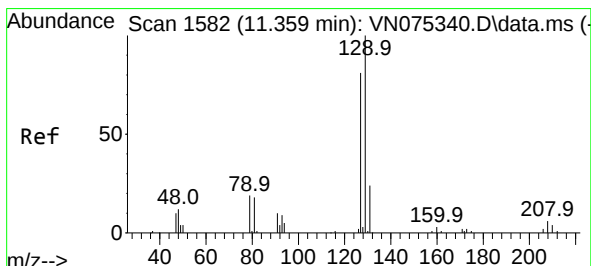
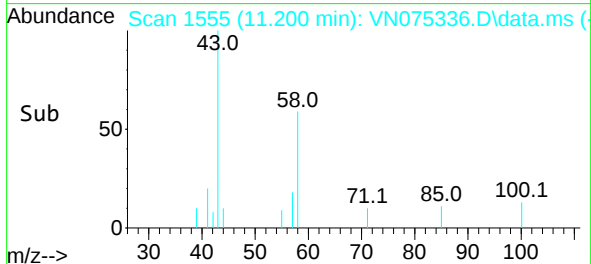
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



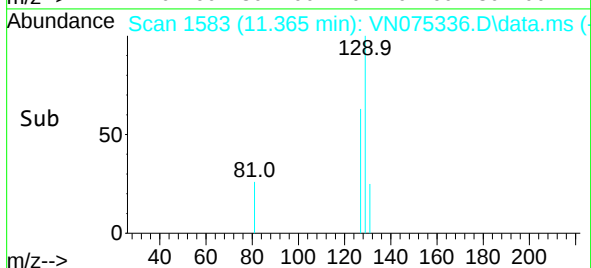
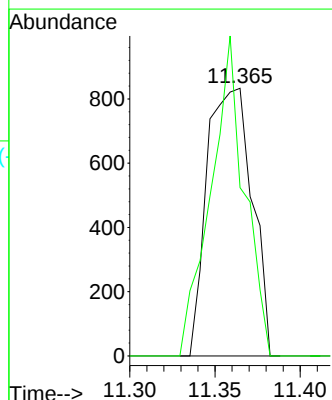
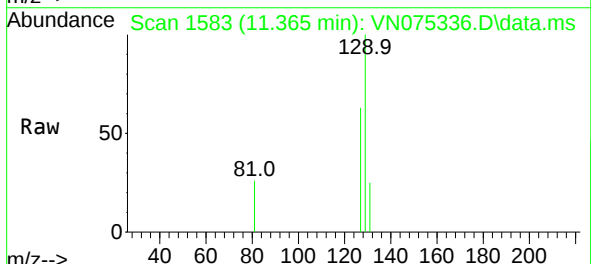
11/23/2022  
Supervised By :Mahesh  
Dadoda

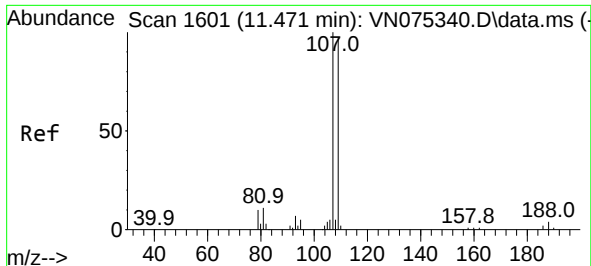
11/23/2022



#60  
Dibromochloromethane  
Concen: 0.767 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

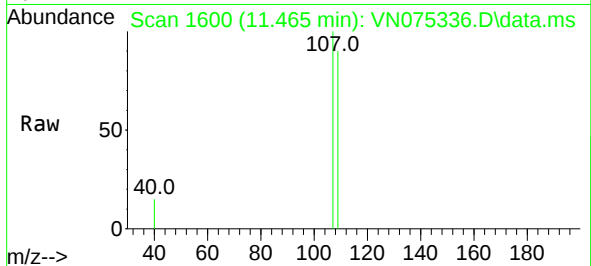
Tgt Ion:129 Resp: 1533  
Ion Ratio Lower Upper  
129 100  
127 89.6 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 1.107 ug/l  
RT: 11.465 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

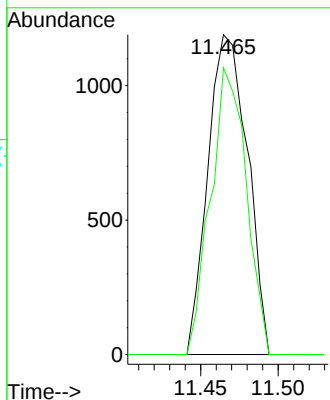
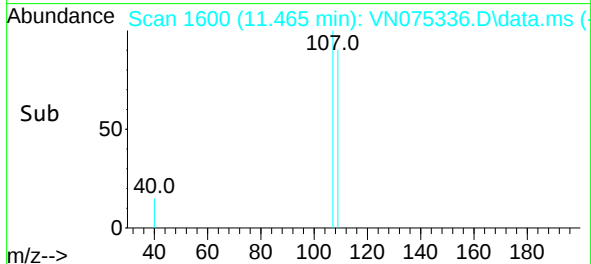
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001



Tgt Ion:107 Resp: 210  
Ion Ratio Lower Upper  
107 100  
109 81.0 75.6 113.4

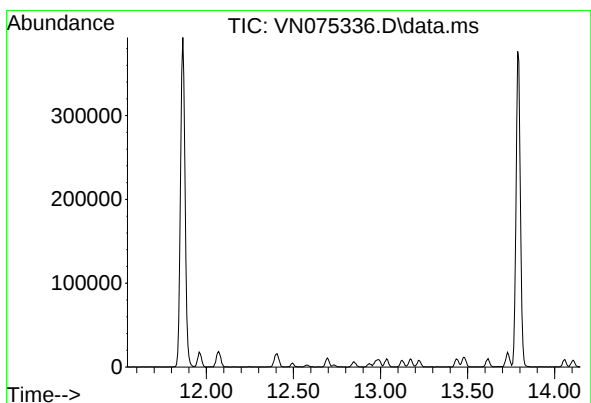
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



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Supervised By :Mahesh  
Dadoda

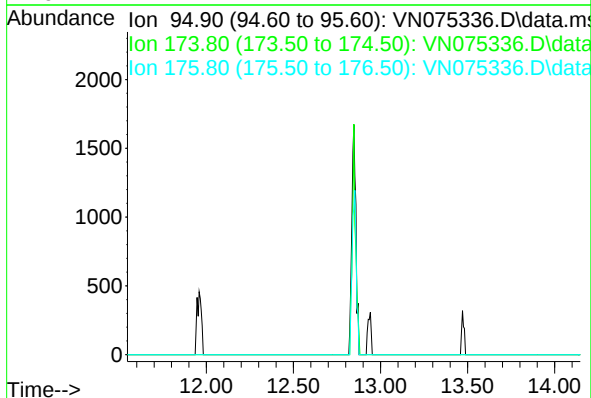
11/23/2022

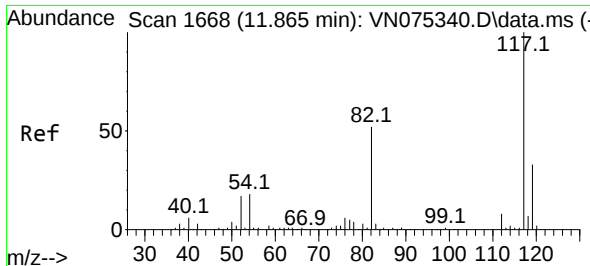


#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.85 min

Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

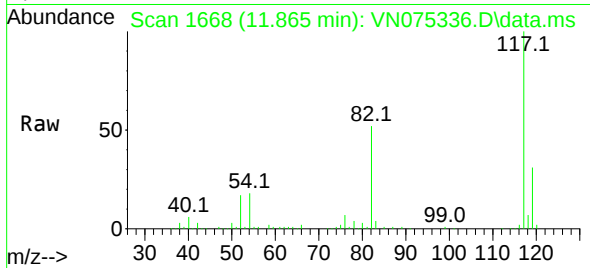
Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 73.7  
176 71.1





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

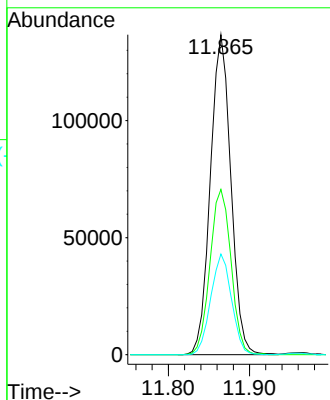
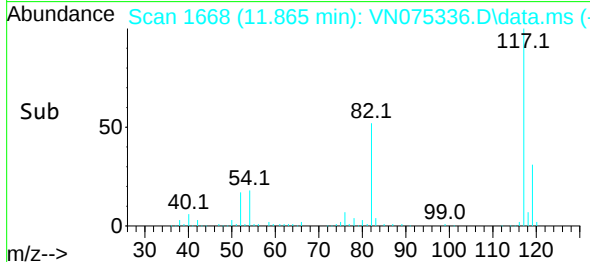
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:117 Resp: 240109  
Ion Ratio Lower Upper  
117 100  
82 51.7 43.1 64.7  
119 31.5 25.5 38.3

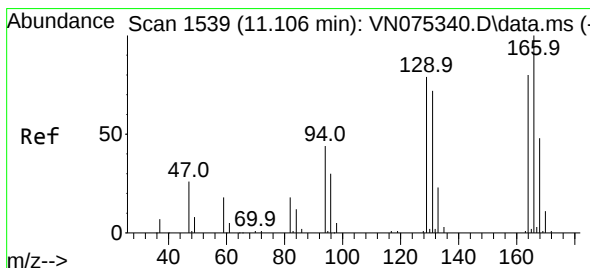
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel

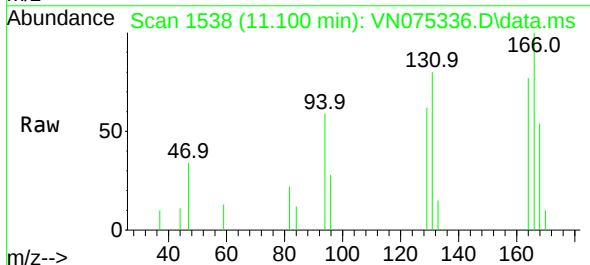


11/23/2022  
Supervised By :Mahesh  
Dadoda

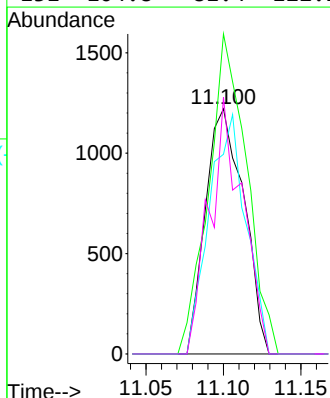
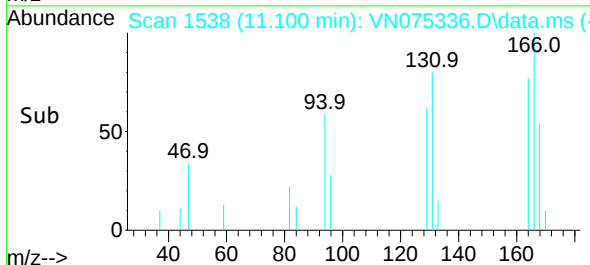
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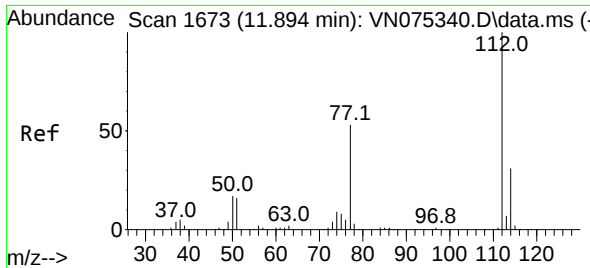


#64  
Tetrachloroethene  
Concen: 1.216 ug/l  
RT: 11.100 min Scan# 1538  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



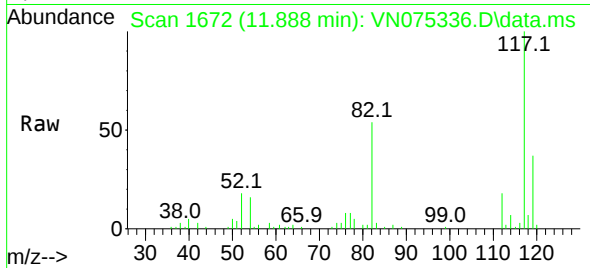
Tgt Ion:164 Resp: 2097  
Ion Ratio Lower Upper  
164 100  
166 130.5 106.5 159.7  
129 81.5 81.9 122.9#  
131 104.8 81.4 122.2





#65  
Chlorobenzene  
Concen: 1.142 ug/l  
RT: 11.888 min Scan# 1672  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

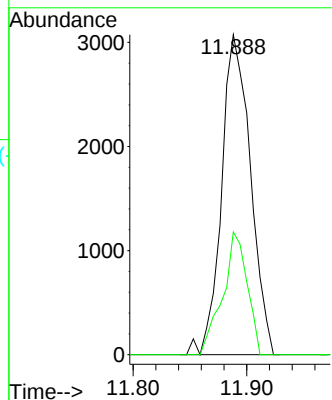
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:112 Resp: 543  
Ion Ratio Lower Upper  
112 100  
114 38.4 25.4 38.2

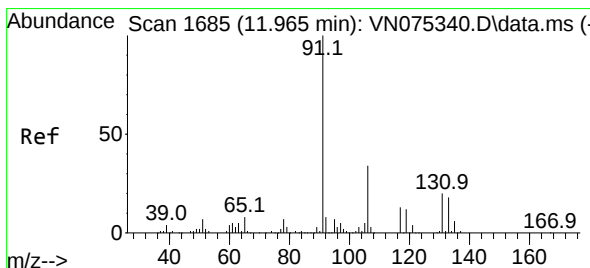
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



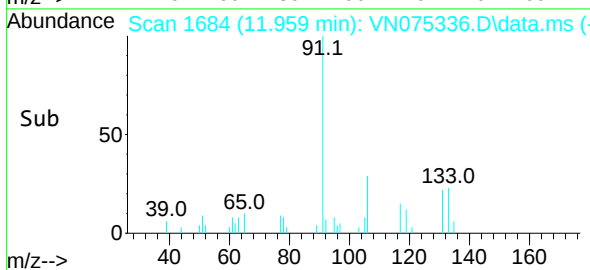
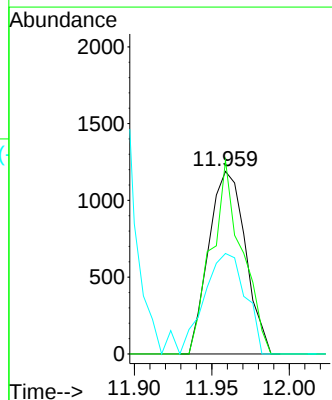
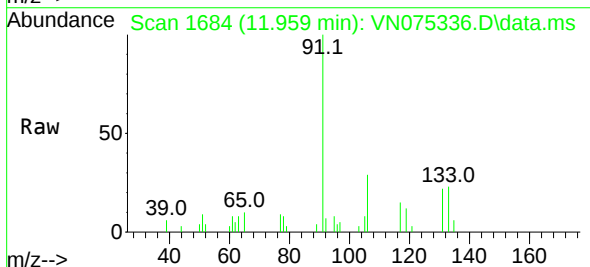
11/23/2022  
Supervised By :Mahesh  
Dadoda

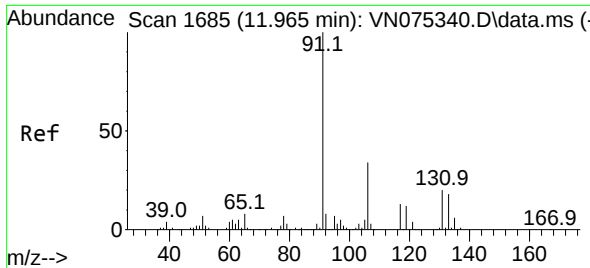
11/23/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.093 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

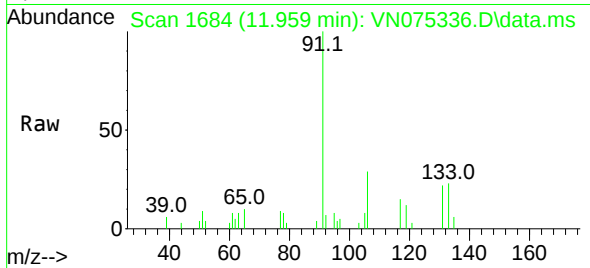
Tgt Ion:131 Resp: 1960  
Ion Ratio Lower Upper  
131 100  
133 88.7 47.8 143.4  
119 0.0 33.0 99.0





#67  
Ethyl Benzene  
Concen: 0.982 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

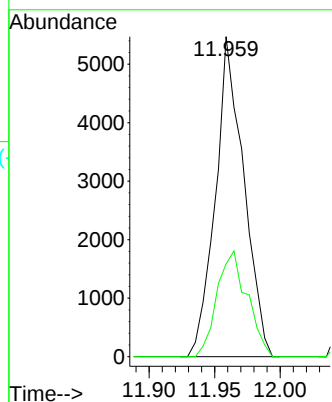
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 91 Resp: 8209  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.9 37.3

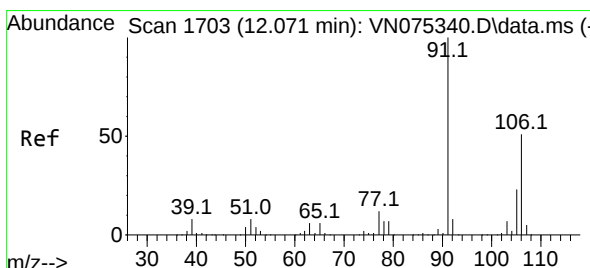
Manual Integrations  
APPROVED

Reviewed By :Krupa  
Patel



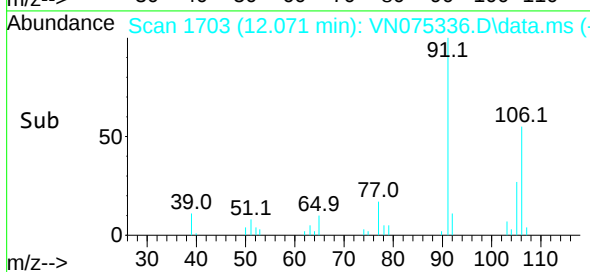
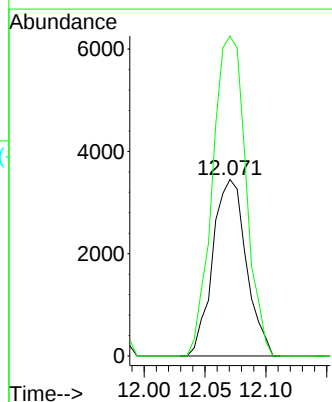
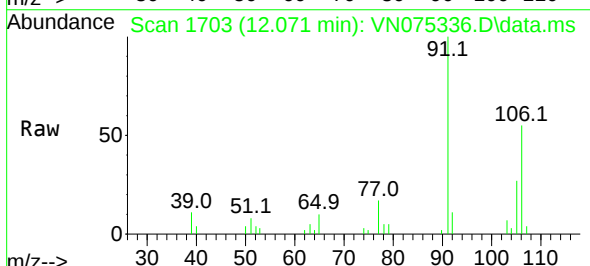
11/23/2022  
Supervised By :Mahesh  
Dadoda

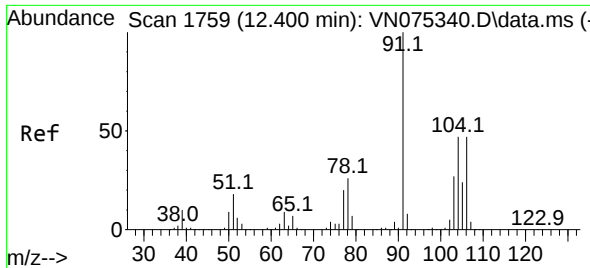
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#68  
m/p-Xylenes  
Concen: 1.946 ug/l  
RT: 12.071 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion:106 Resp: 6612  
Ion Ratio Lower Upper  
106 100  
91 180.5 156.0 234.0





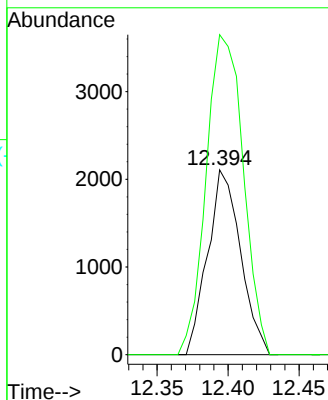
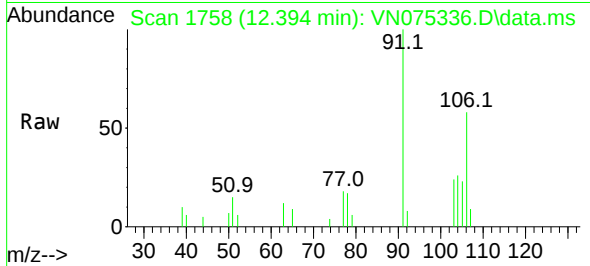
#69  
o-Xylene  
Concen: 1.016 ug/l  
RT: 12.394 min Scan# 1759  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:106 Resp: 340  
Ion Ratio Lower Upper  
106 100  
91 195.0 105.2 315.5

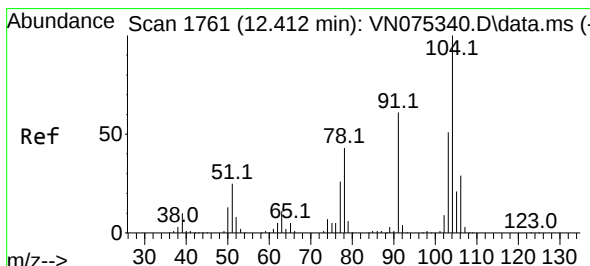
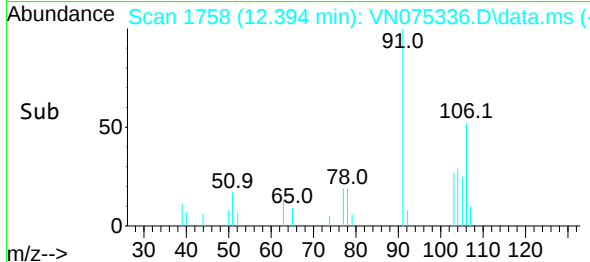
Manual Integrations  
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Reviewed By :Krupa  
Patel



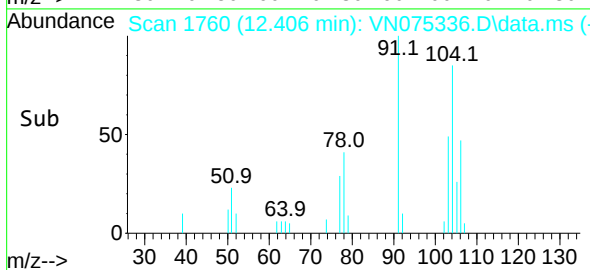
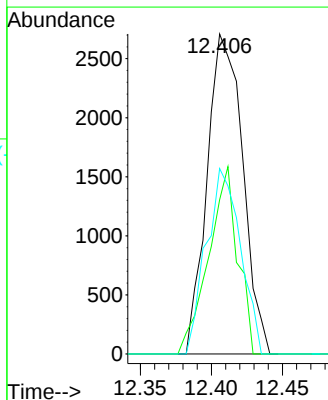
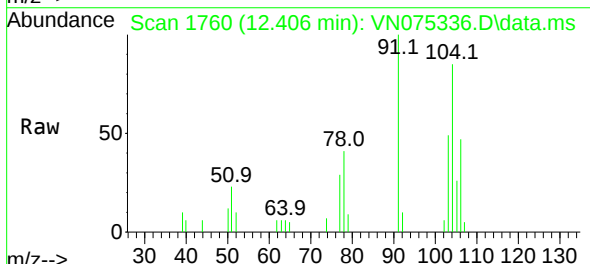
11/23/2022  
Supervised By :Mahesh  
Dadoda

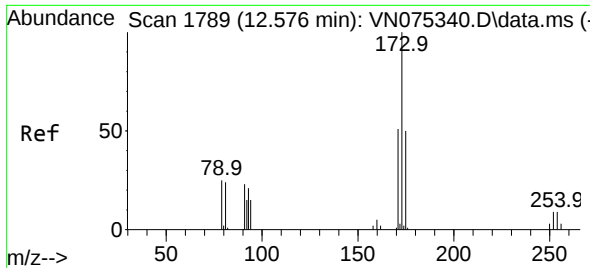
11/23/2022



#70  
Styrene  
Concen: 0.870 ug/l  
RT: 12.406 min Scan# 1760  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

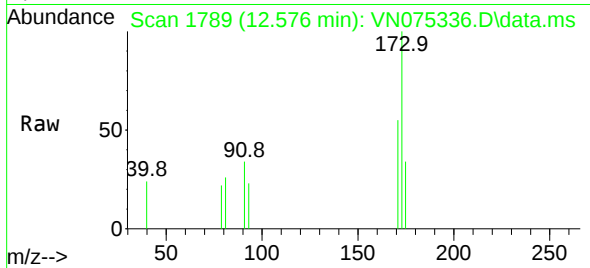
Tgt Ion:104 Resp: 4730  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.1 57.1  
103 55.5 44.6 66.8





#71  
Bromoform  
Concen: 0.937 ug/l  
RT: 12.576 min Scan# 1789  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

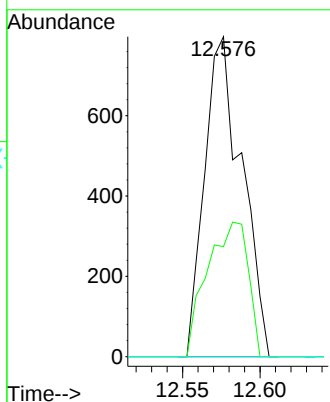
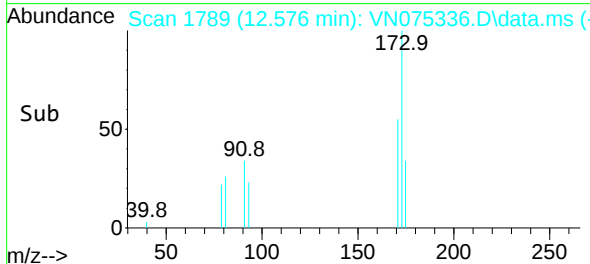
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:173 Resp: 1329  
Ion Ratio Lower Upper  
173 100  
175 46.2 24.6 74.0  
254 0.0 0.0 0.0

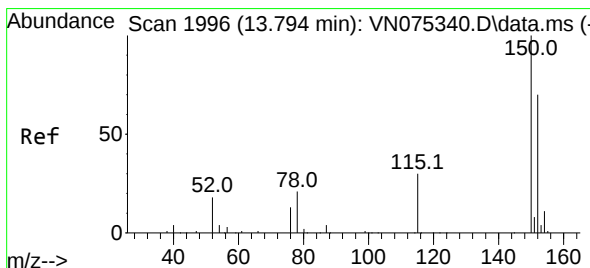
Manual Integrations  
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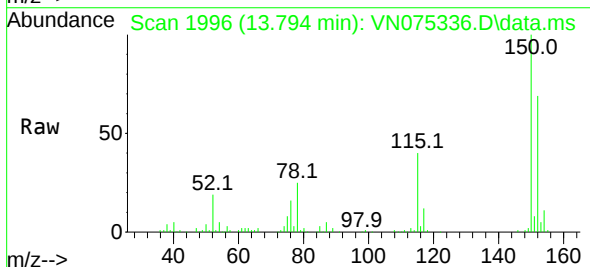


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Supervised By :Mahesh  
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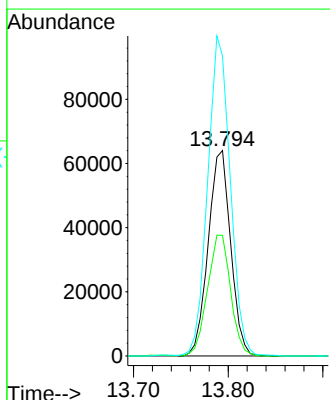
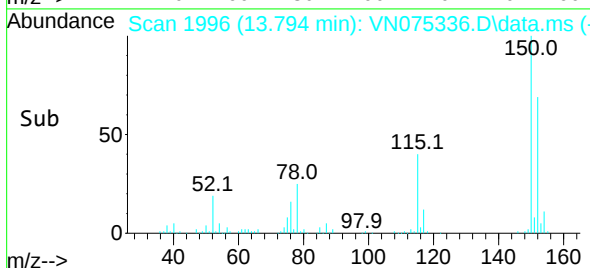
11/23/2022

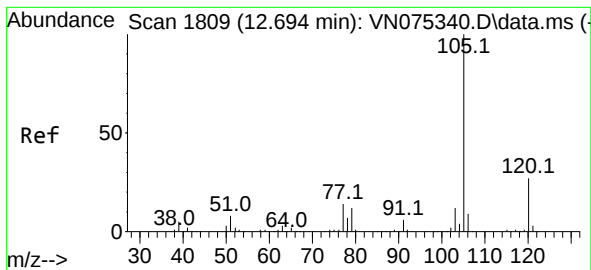


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



Tgt Ion:152 Resp: 105334  
Ion Ratio Lower Upper  
152 100  
115 60.6 30.2 90.6  
150 156.6 0.0 348.4





#73

Isopropylbenzene

Concen: 1.084 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 806

Ion Ratio Lower Upper

105 100

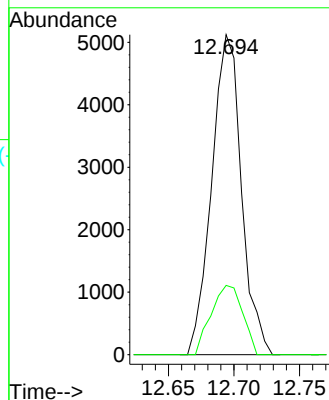
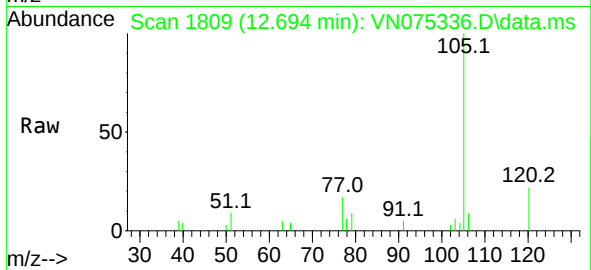
120 22.9 13.1 39.1

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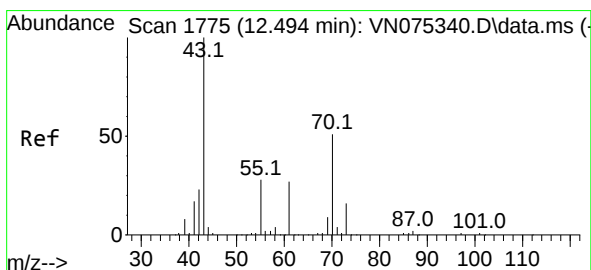
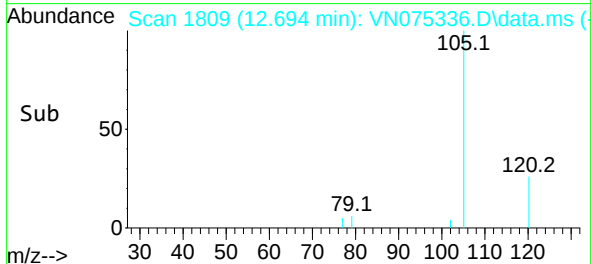
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#74

N-ethyl acetate

Concen: 0.906 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075336.D

Acq: 21 Nov 2022 11:06

Tgt Ion: 43 Resp: 2155

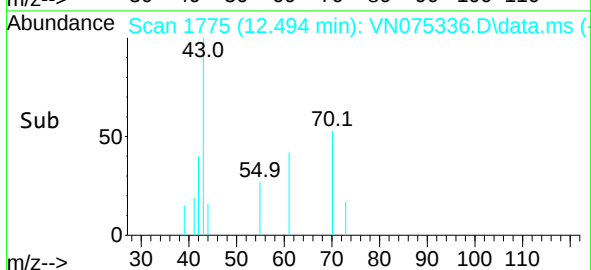
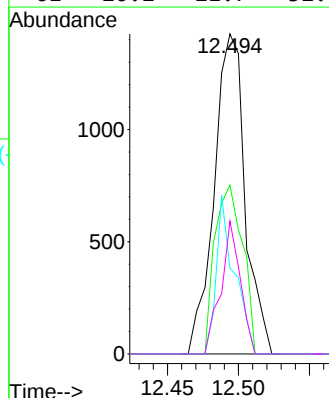
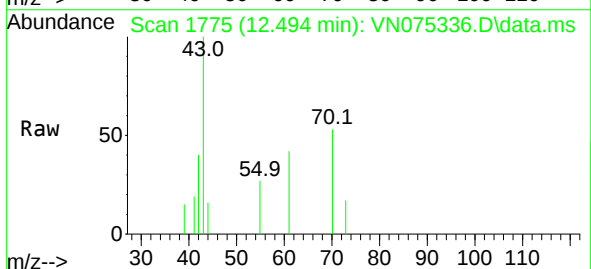
Ion Ratio Lower Upper

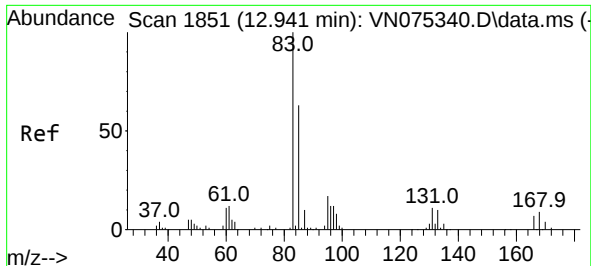
43 100

70 47.5 39.8 59.8

55 28.8 19.9 29.9

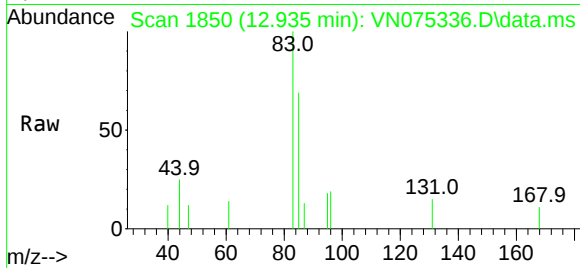
61 26.2 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.090 ug/l  
RT: 12.935 min Scan# 1850  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

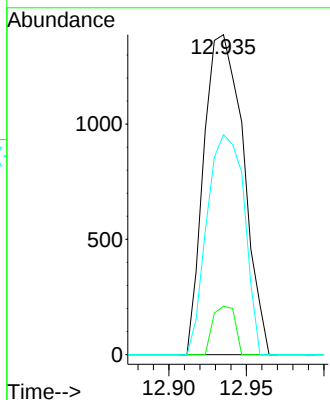
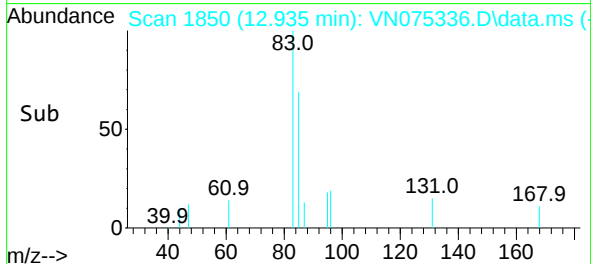
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC001



Tgt Ion: 83 Resp: 246  
Ion Ratio Lower Upper  
83 100  
131 8.5 5.1 15.3  
85 64.6 31.6 94.7

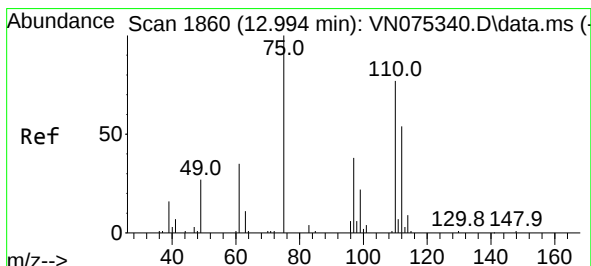
Manual Integrations  
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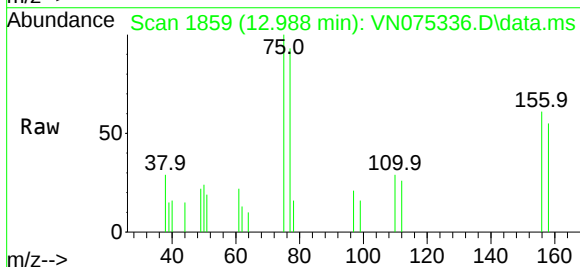


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Supervised By :Mahesh  
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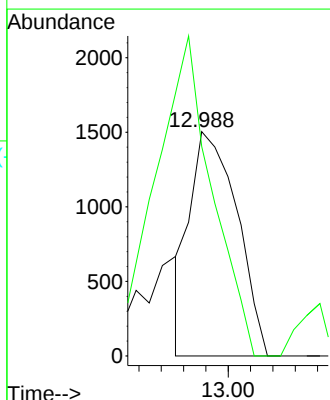
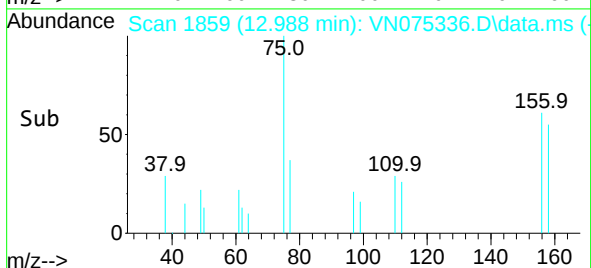
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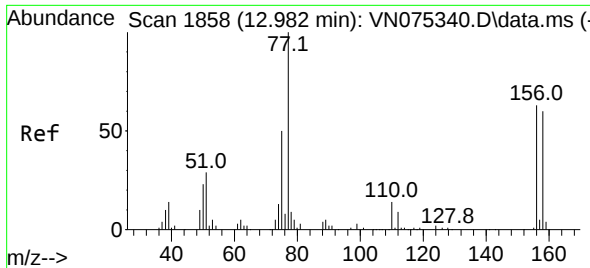


#76  
1,2,3-Trichloropropane  
Concen: 1.161 ug/l m  
RT: 12.988 min Scan# 1859  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



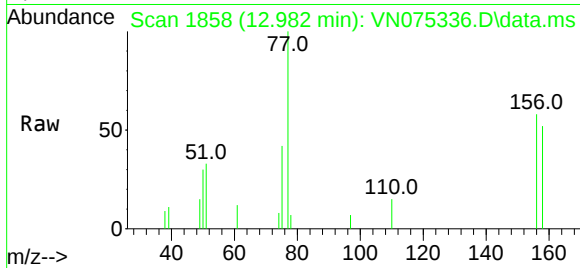
Tgt Ion: 75 Resp: 2201  
Ion Ratio Lower Upper  
75 100  
77 171.2 75.6 226.8





#77  
Bromobenzene  
Concen: 1.222 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

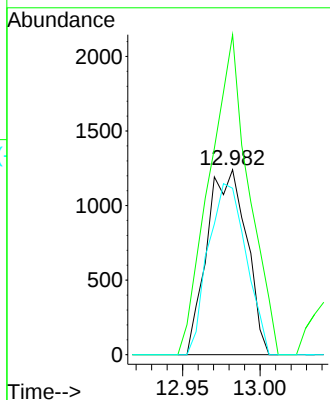
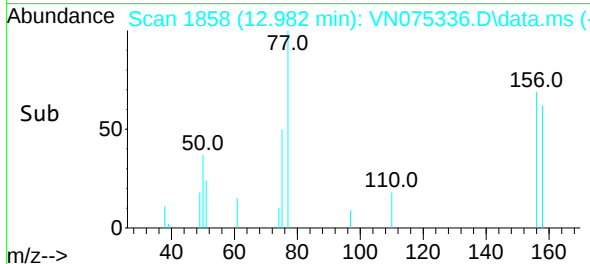
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:156 Resp: 219  
Ion Ratio Lower Upper  
156 100  
77 171.7 108.5 325.5  
158 89.2 47.7 143.1

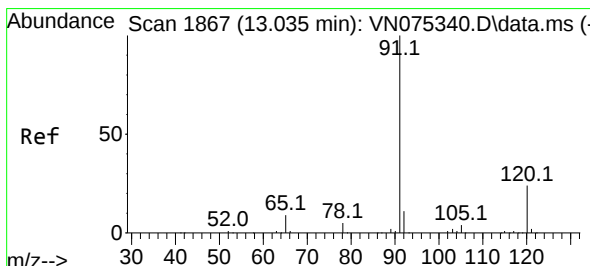
Manual Integrations  
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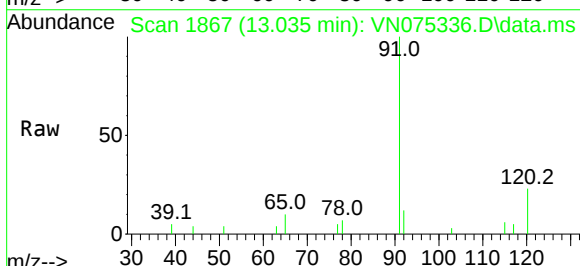


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Supervised By :Mahesh  
Dadoda

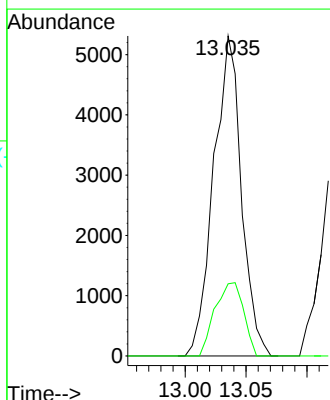
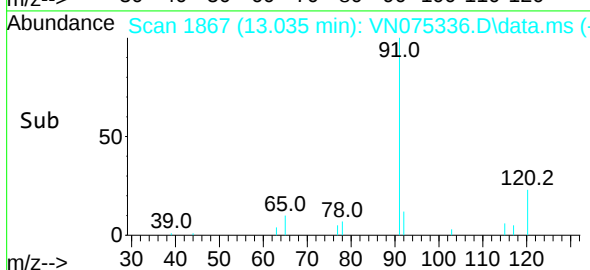
11/23/2022

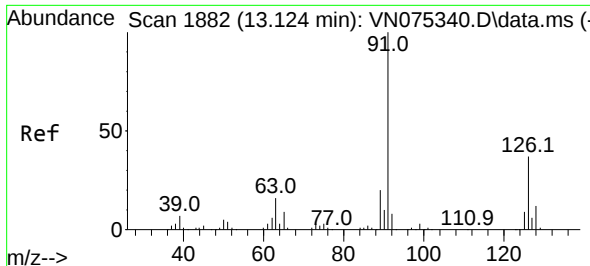


#78  
n-propylbenzene  
Concen: 0.998 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



Tgt Ion: 91 Resp: 8418  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.5





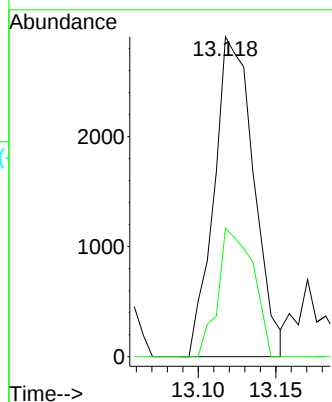
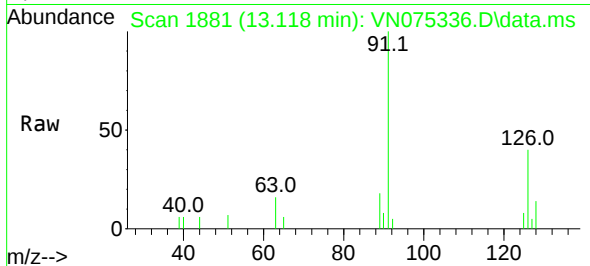
#79  
2-Chlorotoluene  
Concen: 1.027 ug/l  
RT: 13.118 min Scan# 1881  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 517  
Ion Ratio Lower Upper  
91 100  
126 35.4 16.9 50.7

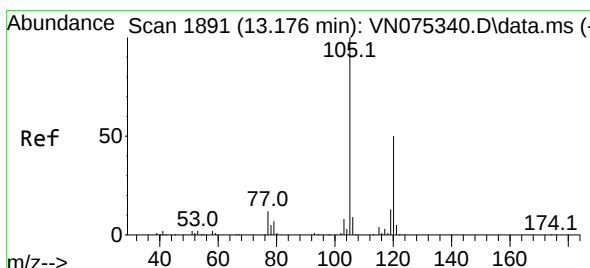
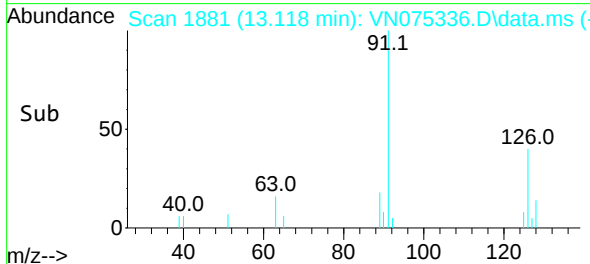
Manual Integrations  
APPROVED

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Patel



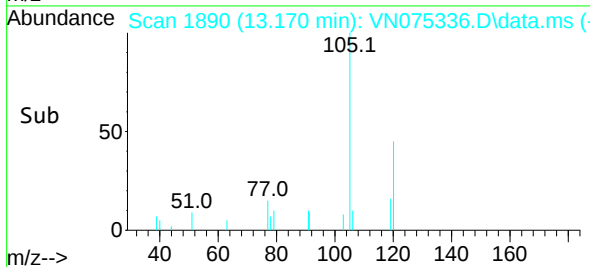
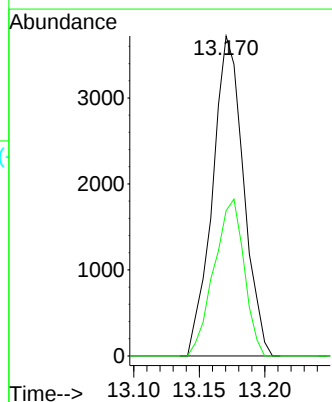
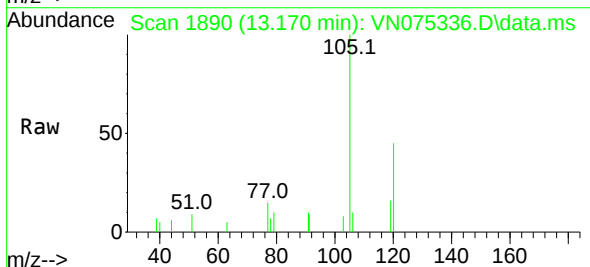
11/23/2022  
Supervised By :Mahesh  
Dadoda

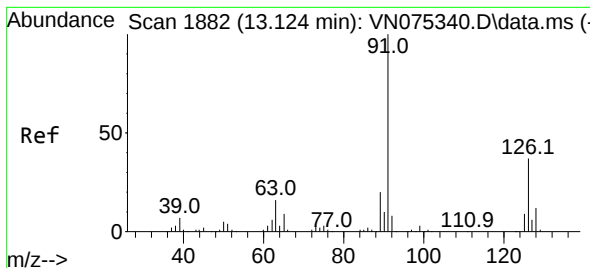
11/23/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 0.969 ug/l  
RT: 13.170 min Scan# 1890  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion:105 Resp: 6114  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.7 74.1





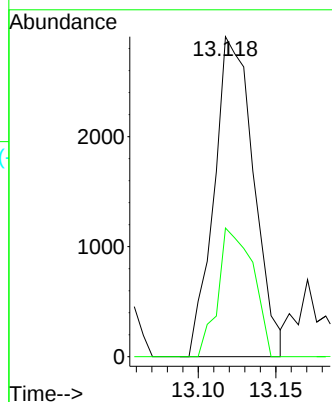
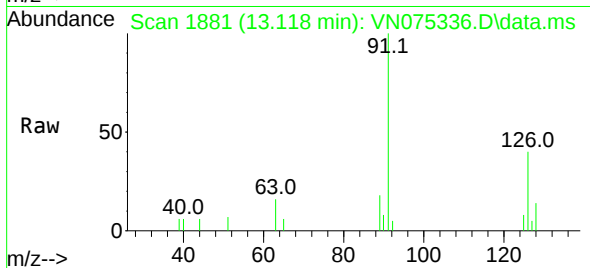
#82  
4-Chlorotoluene  
Concen: 1.027 ug/l  
RT: 13.118 min Scan# 1881  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 517  
Ion Ratio Lower Upper  
91 100  
126 35.4 16.9 50.7

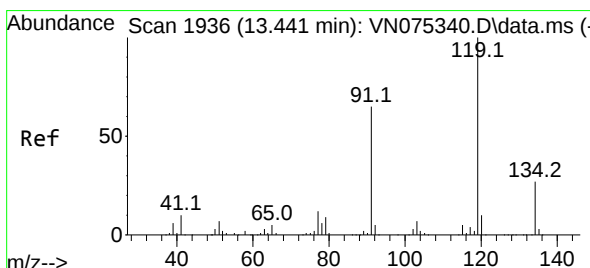
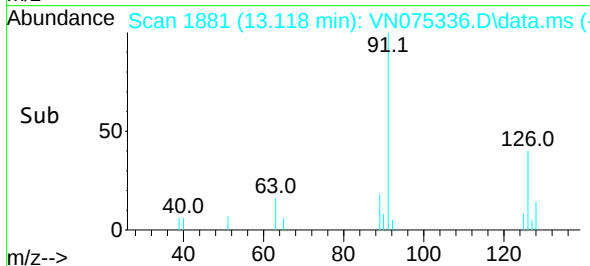
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Patel



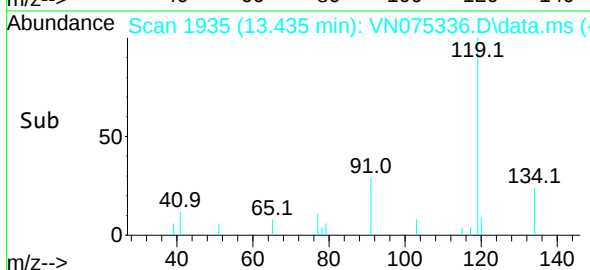
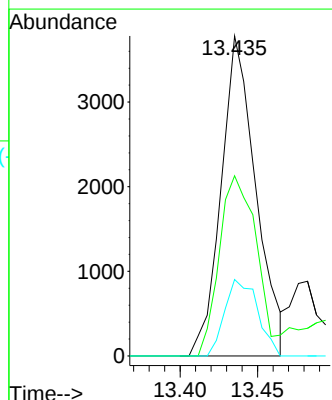
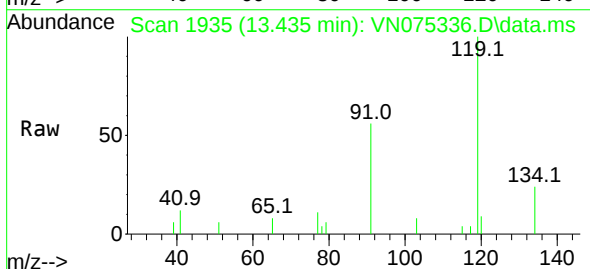
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Dadoda

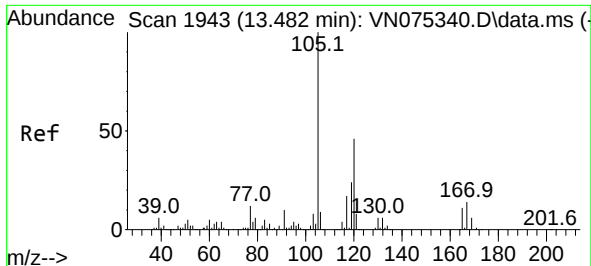
11/23/2022



#83  
tert-Butylbenzene  
Concen: 1.040 ug/l  
RT: 13.435 min Scan# 1935  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

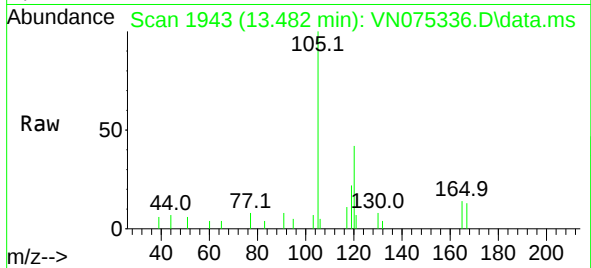
Tgt Ion:119 Resp: 5902  
Ion Ratio Lower Upper  
119 100  
91 60.8 32.8 98.4  
134 22.6 12.3 36.9





#84  
1,2,4-Trimethylbenzene  
Concen: 0.949 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

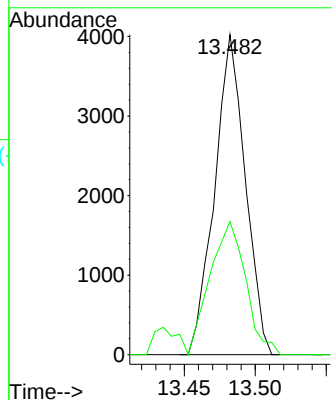
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:105 Resp: 6032  
Ion Ratio Lower Upper  
105 100  
120 48.6 22.7 68.1

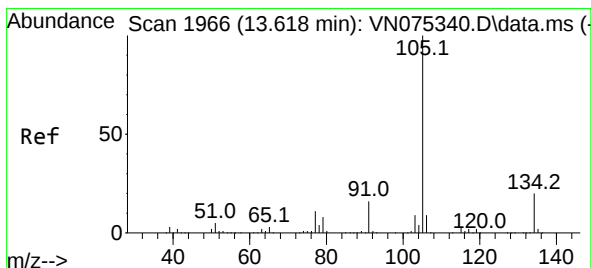
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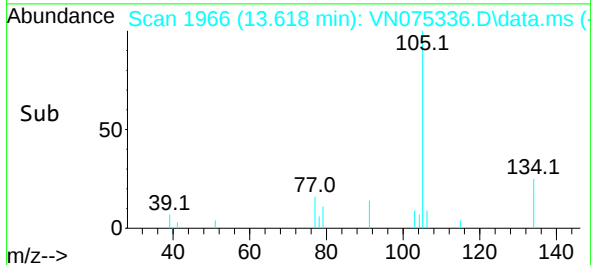
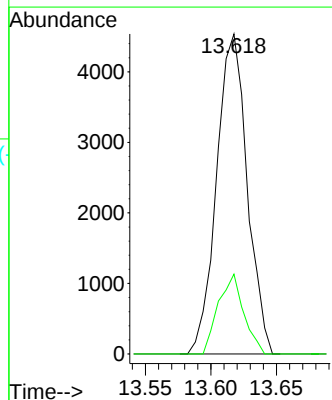
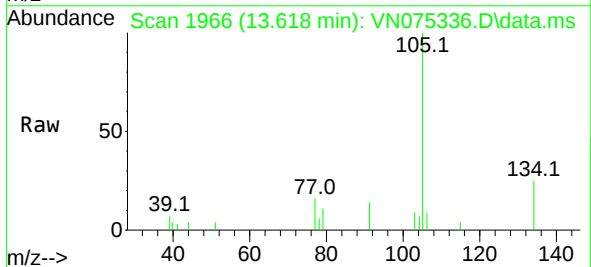
11/23/2022  
Supervised By :Mahesh  
Dadoda

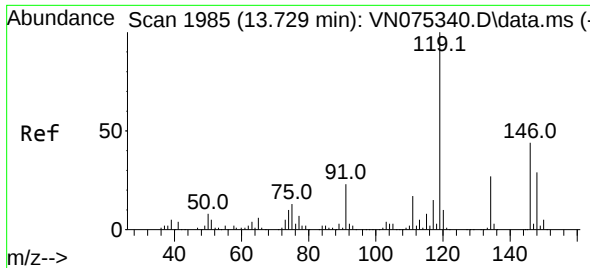
11/23/2022



#85  
sec-Butylbenzene  
Concen: 0.936 ug/l  
RT: 13.618 min Scan# 1966  
Delta R.T. -0.001 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Tgt Ion:105 Resp: 7362  
Ion Ratio Lower Upper  
105 100  
134 20.7 10.2 30.6





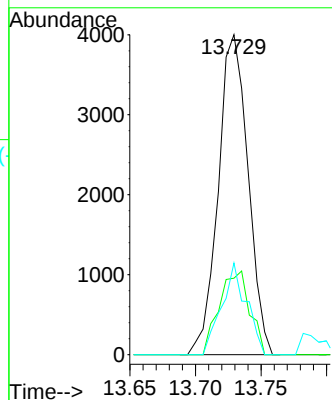
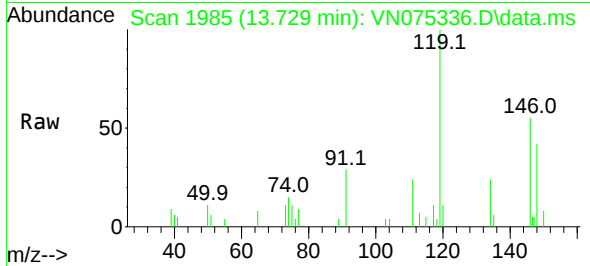
#86  
p-Isopropyltoluene  
Concen: 0.953 ug/l  
RT: 13.729 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:119 Resp: 631  
Ion Ratio Lower Upper  
119 100  
134 26.7 13.1 39.3  
91 23.8 11.9 35.5

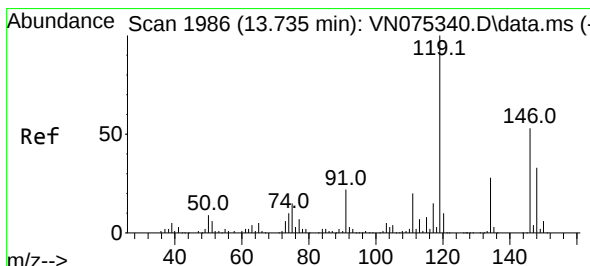
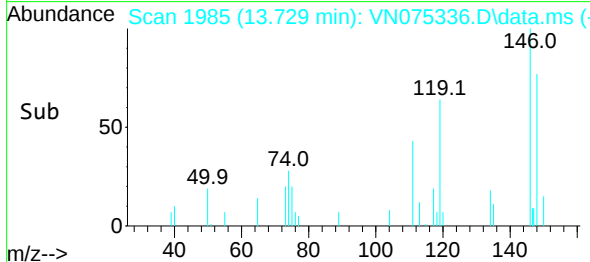
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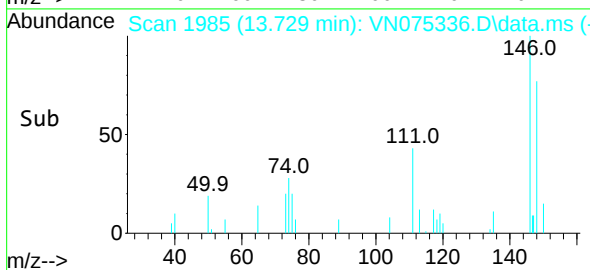
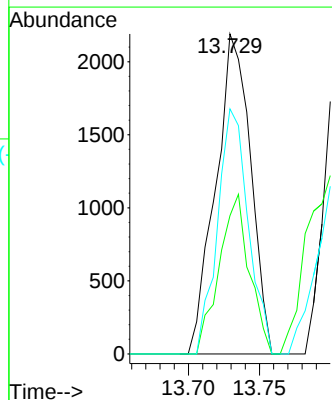
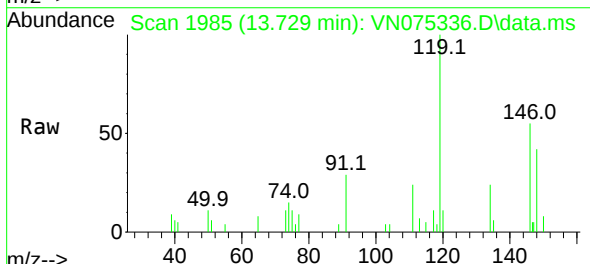
11/23/2022  
Supervised By :Mahesh  
Dadoda

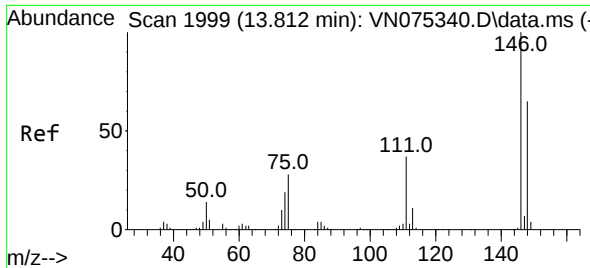
11/23/2022



#87  
1,3-Dichlorobenzene  
Concen: 1.070 ug/l  
RT: 13.729 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

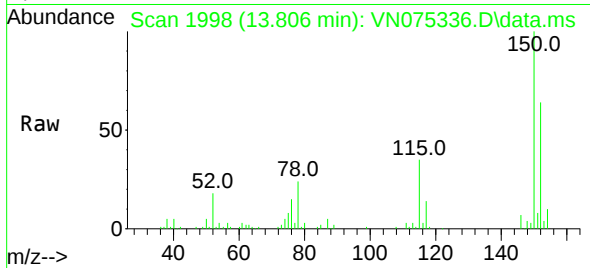
Tgt Ion:146 Resp: 3740  
Ion Ratio Lower Upper  
146 100  
111 43.2 20.8 62.5  
148 67.6 31.1 93.5





#88  
1,4-Dichlorobenzene  
Concen: 1.292 ug/l m  
RT: 13.806 min Scan# 1999  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

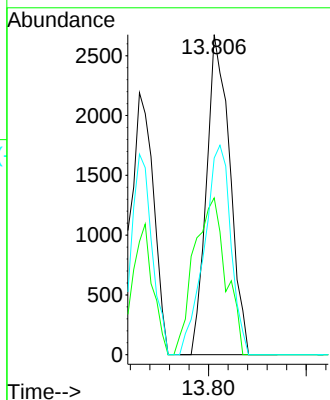
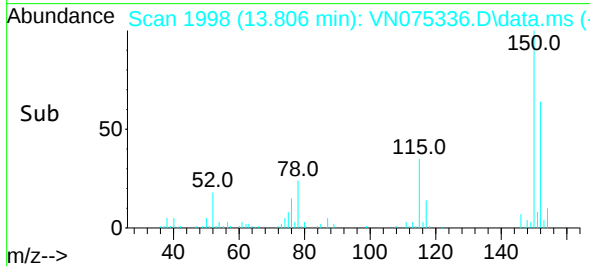
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC001



Tgt Ion:146 Resp: 4434  
Ion Ratio Lower Upper  
146 100  
111 36.4 20.1 60.3  
148 57.1 31.9 95.7

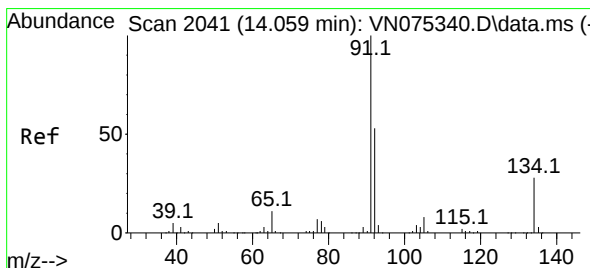
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Patel



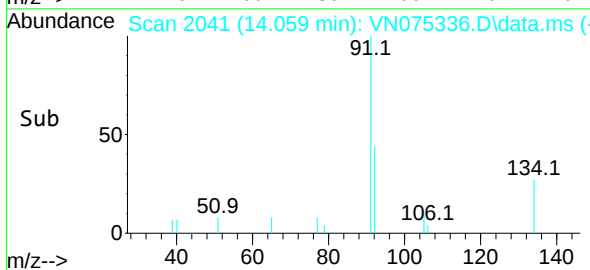
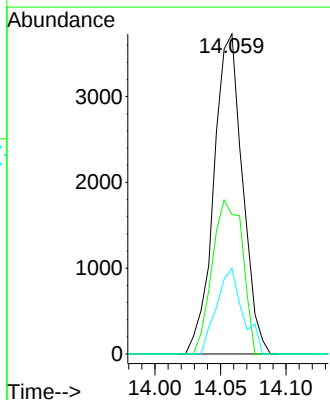
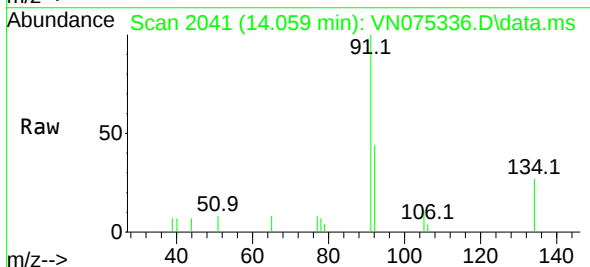
11/23/2022  
Supervised By :Mahesh  
Dadoda

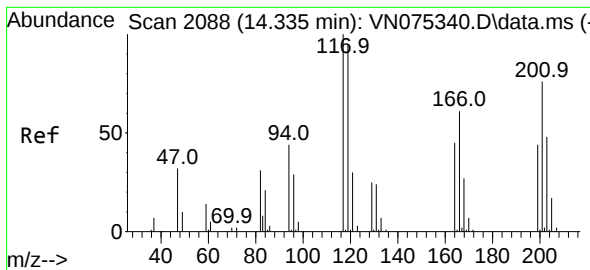
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#89  
n-Butylbenzene  
Concen: 1.021 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

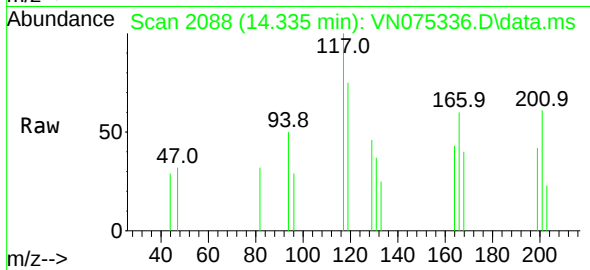
Tgt Ion: 91 Resp: 5667  
Ion Ratio Lower Upper  
91 100  
92 50.5 26.5 79.4  
134 24.5 13.0 39.0





#90  
Hexachloroethane  
Concen: 1.011 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

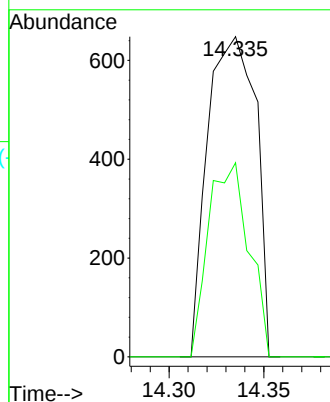
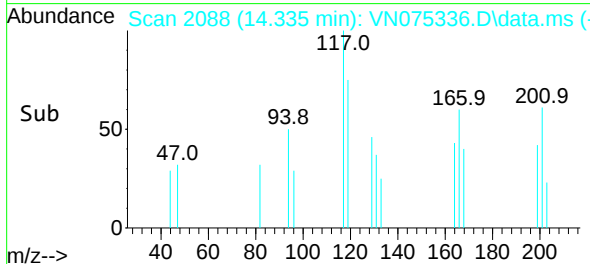
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion:117 Resp: 1148  
Ion Ratio Lower Upper  
117 100  
201 51.0 31.5 94.5

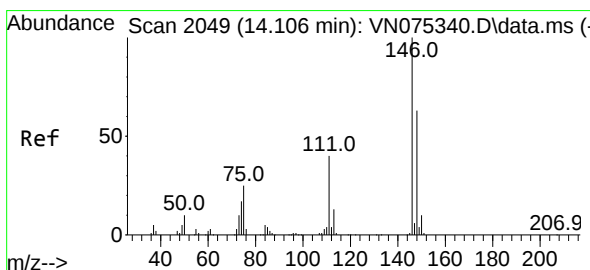
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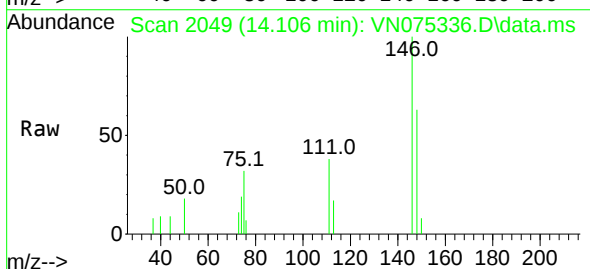


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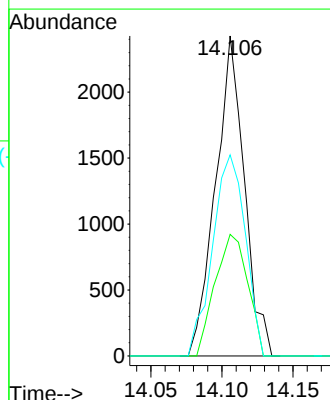
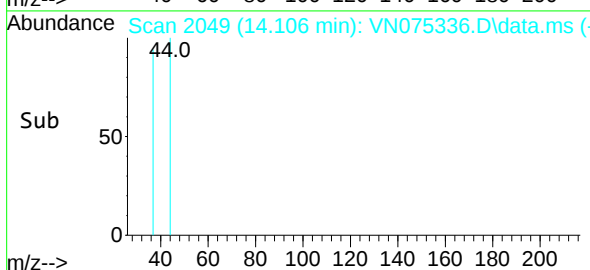
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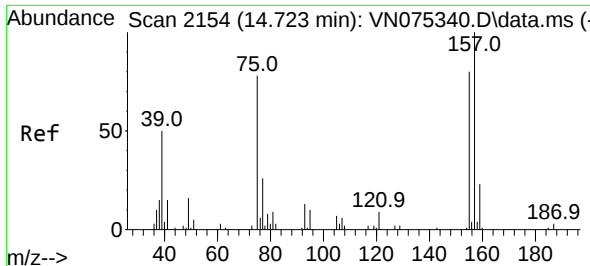


#91  
1,2-Dichlorobenzene  
Concen: 0.992 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



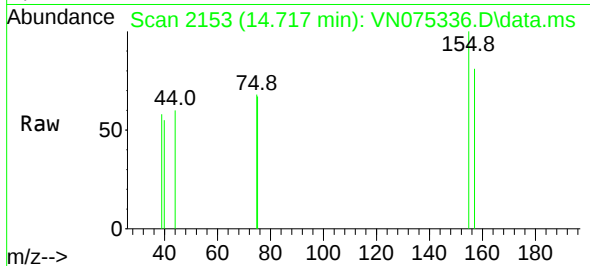
Tgt Ion:146 Resp: 3424  
Ion Ratio Lower Upper  
146 100  
111 43.0 21.3 63.9  
148 71.3 31.4 94.2





#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.033 ug/l  
RT: 14.717 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

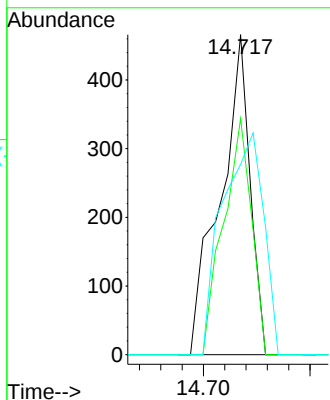
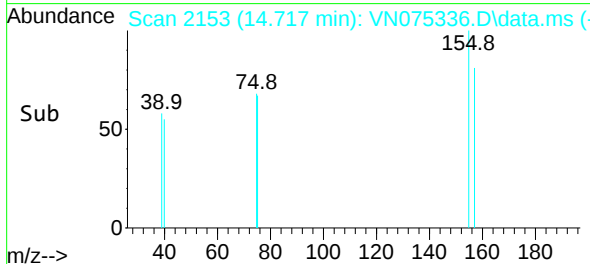
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001



Tgt Ion: 75 Resp: 452  
Ion Ratio Lower Upper  
75 100  
155 69.5 42.1 126.3  
157 95.8 51.7 155.1

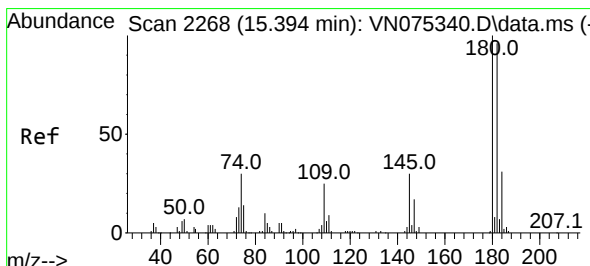
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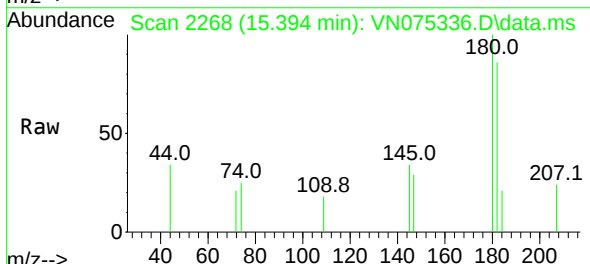


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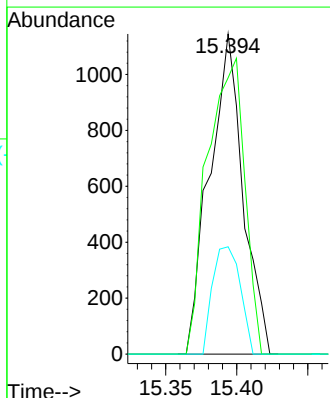
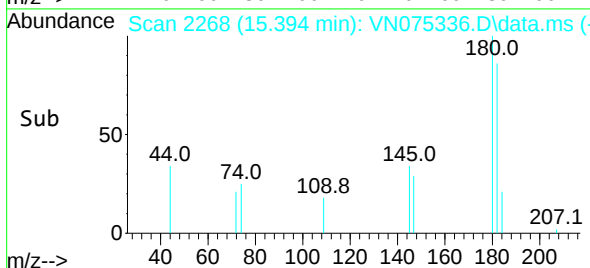
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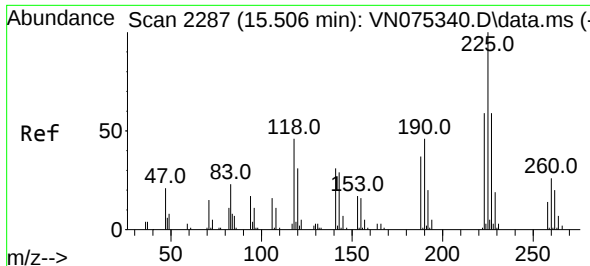


#93  
1,2,4-Trichlorobenzene  
Concen: 1.047 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



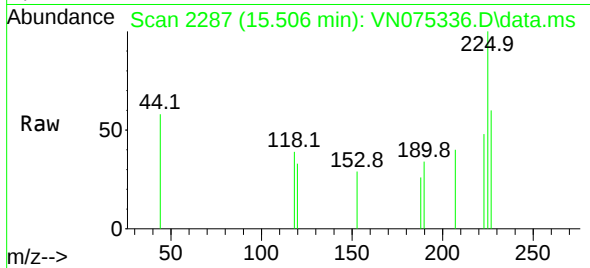
Tgt Ion:180 Resp: 1873  
Ion Ratio Lower Upper  
180 100  
182 102.6 47.8 143.4  
145 27.8 16.8 50.3





#94  
Hexachlorobutadiene  
Concen: 1.004 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06

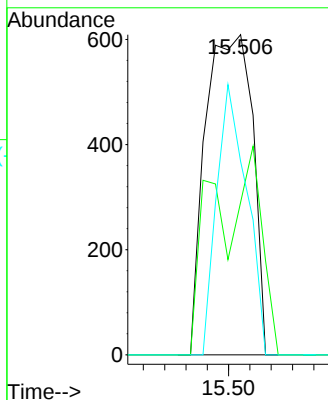
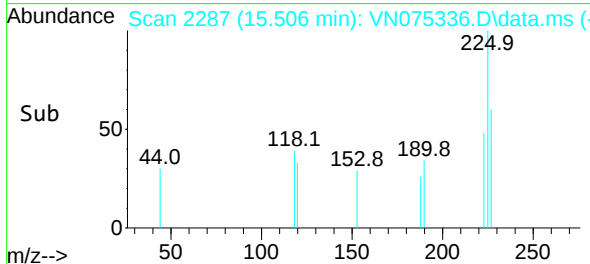
Instrument : MSVOA\_N  
ClientSampleId : VSTDIC001



Tgt Ion:225 Resp: 938  
Ion Ratio Lower Upper  
225 100  
223 32.9 32.3 96.9  
227 54.1 32.0 96.2

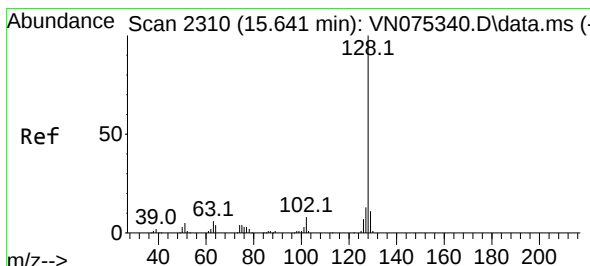
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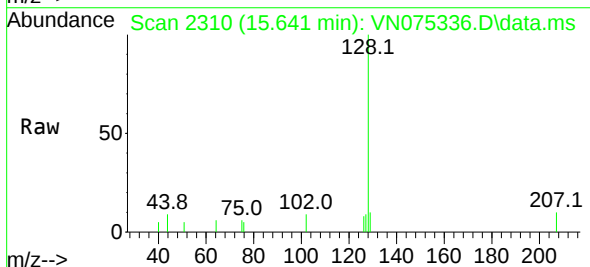


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Supervised By :Mahesh  
Dadoda

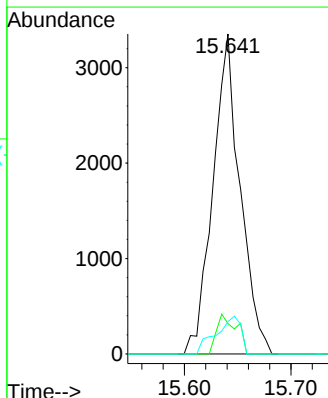
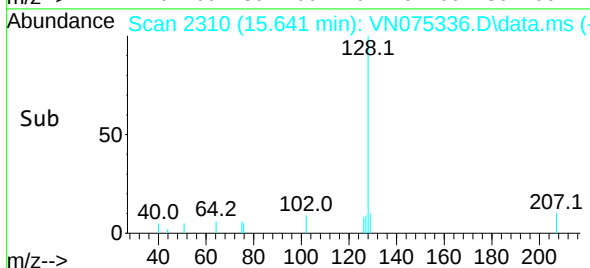
11/23/2022

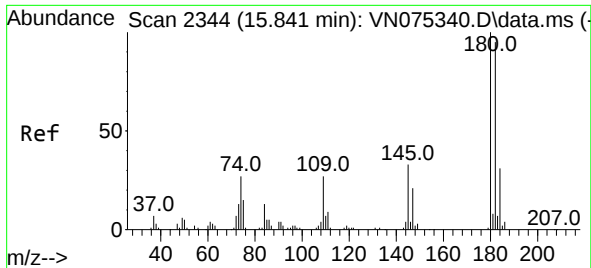


#95  
Naphthalene  
Concen: 1.059 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075336.D  
Acq: 21 Nov 2022 11:06



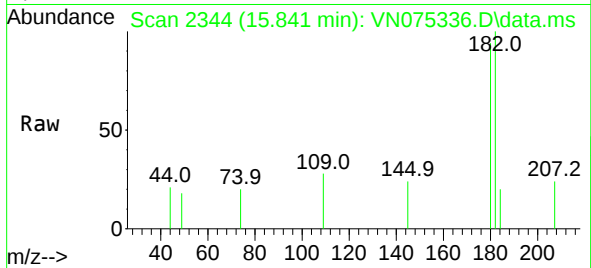
Tgt Ion:128 Resp: 5954  
Ion Ratio Lower Upper  
128 100  
127 9.1 10.4 15.6#  
129 10.7 8.6 12.8





#96  
 1,2,3-Trichlorobenzene  
 Concen: 1.133 ug/l  
 RT: 15.841 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN075336.D  
 Acq: 21 Nov 2022 11:06

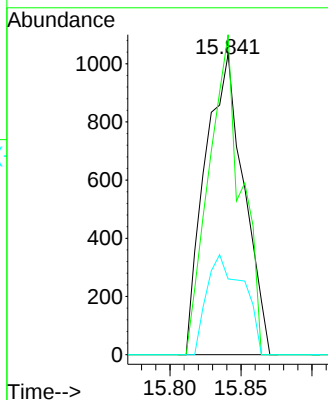
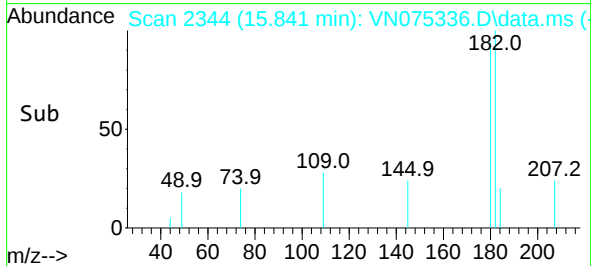
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.2  | 47.3  | 141.8 |
| 145     | 31.3  | 17.6  | 52.9  |

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11/23/2022