

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122324\  
 Data File : VX044492.D  
 Acq On : 23 Dec 2024 19:49  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/26/2024  
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 22:16:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 142062   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 233398   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 200491   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 97321    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 91340    | 36.671   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 73.340%# |
| 35) Dibromofluoromethane    | 5.379  | 113   | 73837    | 45.677   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.360%  |
| 50) Toluene-d8              | 8.647  | 98    | 242389   | 44.446   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 88.900%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 83671    | 43.908   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 87.820%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 99403   | 45.252  | ug/l   | 99  |
| 3) Chloromethane             | 1.295 | 50  | 96315   | 45.851  | ug/l   | 100 |
| 4) Vinyl Chloride            | 1.374 | 62  | 97827   | 44.703  | ug/l   | 100 |
| 5) Bromomethane              | 1.593 | 94  | 66434   | 42.791  | ug/l   | 98  |
| 6) Chloroethane              | 1.666 | 64  | 62749   | 46.048  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.874 | 101 | 151860  | 35.446  | ug/l   | 98  |
| 8) Diethyl Ether             | 2.130 | 74  | 57535   | 39.343  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 78265   | 45.146  | ug/l   | 92  |
| 10) Methyl Iodide            | 2.447 | 142 | 114488  | 50.107  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 2.996 | 59  | 70521   | 200.889 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.313 | 96  | 75484   | 47.404  | ug/l   | 91  |
| 13) Acrolein                 | 2.233 | 56  | 92120   | 181.285 | ug/l   | 99  |
| 14) Allyl chloride           | 2.660 | 41  | 118303  | 44.605  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.063 | 53  | 200626  | 206.319 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 178267  | 175.552 | ug/l   | 97  |
| 17) Carbon Disulfide         | 2.508 | 76  | 139644  | 46.135  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 104075  | 39.750  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 262040  | 42.170  | ug/l   | 98  |
| 20) Methylene Chloride       | 2.782 | 84  | 88543   | 46.423  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.087 | 96  | 77251   | 45.648  | ug/l   | 93  |
| 22) Diisopropyl ether        | 3.758 | 45  | 259272  | 43.412  | ug/l   | 95  |
| 23) Vinyl Acetate            | 3.715 | 43  | 1084781 | 223.409 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.605 | 63  | 150456  | 45.194  | ug/l   | 99  |
| 25) 2-Butanone               | 4.556 | 43  | 271591  | 188.131 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.471 | 77  | 119970  | 44.358  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 96440   | 44.871  | ug/l   | 95  |
| 28) Bromochloromethane       | 4.892 | 49  | 64763   | 39.671  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 173821  | 187.586 | ug/l   | 98  |
| 30) Chloroform               | 5.093 | 83  | 162393  | 43.416  | ug/l   | 98  |
| 31) Cyclohexane              | 5.458 | 56  | 115044  | 42.794  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 140086  | 45.118  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 101604  | 48.625  | ug/l   | 98  |
| 37) Ethyl Acetate            | 4.715 | 43  | 109126  | 42.249  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 111385  | 49.513  | ug/l   | 98  |
| 39) Methylcyclohexane        | 7.373 | 83  | 125247  | 50.139  | ug/l   | 96  |
| 40) Benzene                  | 6.032 | 78  | 325004  | 51.229  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/26/2024  
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 22:16:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 58306    | 42.511  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 124536   | 47.653  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 177770   | 44.034  | ug/l   | 97       |
| 44) Trichloroethene           | 7.117  | 130  | 82827    | 52.353  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 82109    | 50.659  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 64127    | 50.998  | ug/l   | 94       |
| 47) Bromodichloromethane      | 7.818  | 83   | 114072   | 52.527  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 85907    | 43.837  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 31930    | 982.728 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 556283   | 214.305 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 201289   | 50.524  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 109547   | 47.186  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 123531   | 52.242  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 80941    | 51.140  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 118479   | 47.418  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 134913   | 48.972  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 263448   | 209.048 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 403537   | 214.776 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 81910    | 48.943  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 83250    | 51.675  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.269  | 164  | 72600    | 54.558  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 221119   | 51.470  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 75407    | 54.615  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.189 | 91   | 376573   | 50.731  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 286106   | 105.040 | ug/l   | 94       |
| 69) o-Xylene                  | 10.640 | 106  | 142004   | 51.527  | ug/l   | 94       |
| 70) Styrene                   | 10.653 | 104  | 236734   | 53.584  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 49054    | 50.746  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.958 | 105  | 362803   | 48.696  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.842 | 43   | 152291   | 44.229  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 118300   | 45.716  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 95824m   | 44.099  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 91156    | 50.455  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.299 | 91   | 412127   | 50.048  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 251412   | 47.209  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.445 | 105  | 300384   | 48.618  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 30857    | 41.730  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 283625   | 48.094  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 306541   | 50.203  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 305617   | 50.368  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 367512   | 49.579  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 309480   | 50.162  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.963 | 146  | 162721   | 51.562  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 163225   | 50.314  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.329 | 91   | 259880   | 50.094  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 46945    | 52.126  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 162236   | 49.511  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 21028    | 41.860  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 97256    | 54.137  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 40220    | 55.660  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 321843   | 45.897  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 99323    | 52.126  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122324\  
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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 22:16:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration

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

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

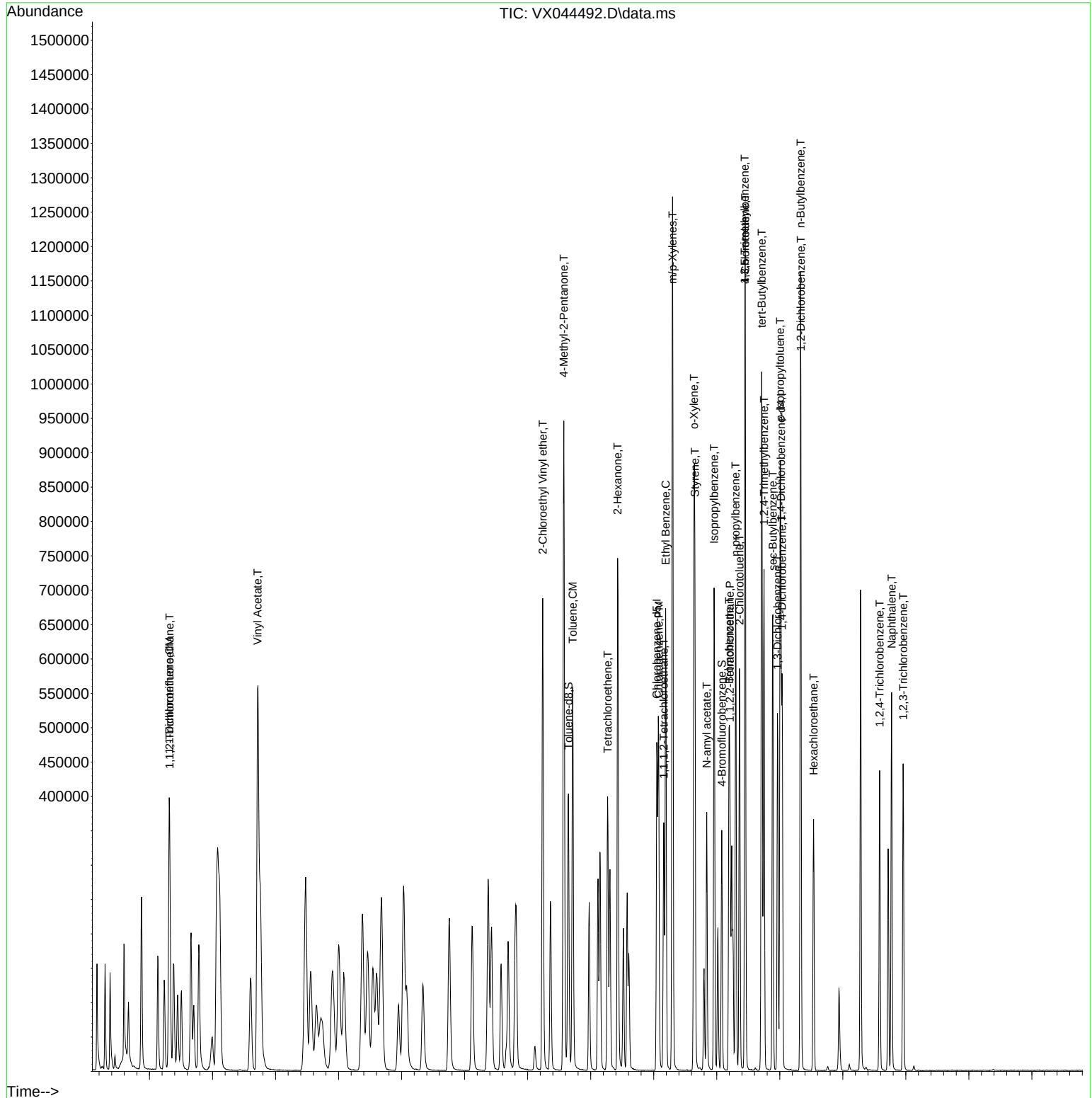
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Data File : VX044492.D  
Acq On : 23 Dec 2024 19:49  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 28 Sample Multiplier: 1

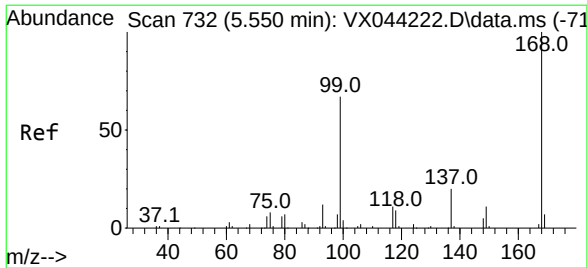
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Dec 23 22:16:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
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QLast Update : Thu Dec 12 04:28:14 2024  
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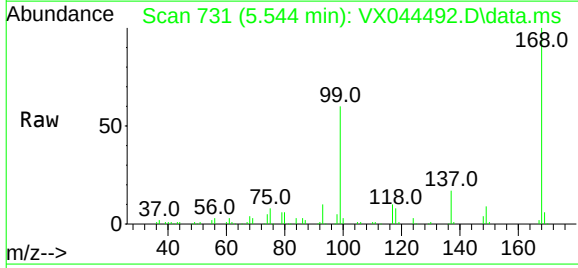
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#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

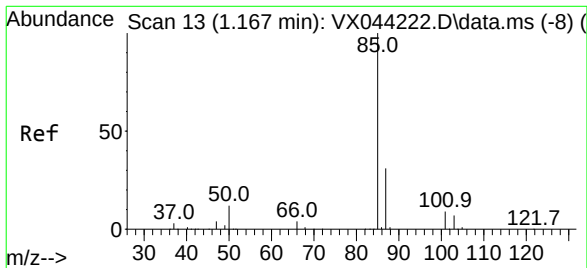
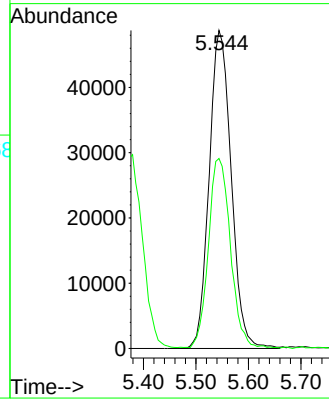
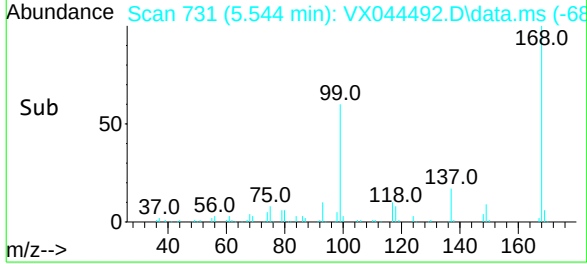
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 142062  
Ion Ratio Lower Upper  
168 100  
99 59.6 53.4 80.0

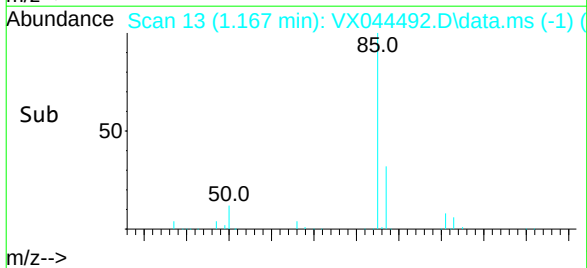
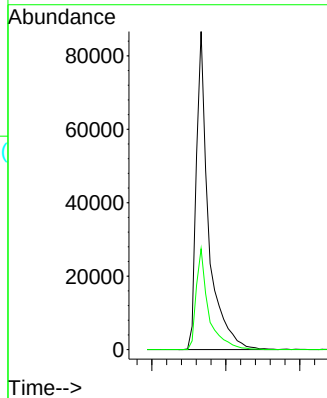
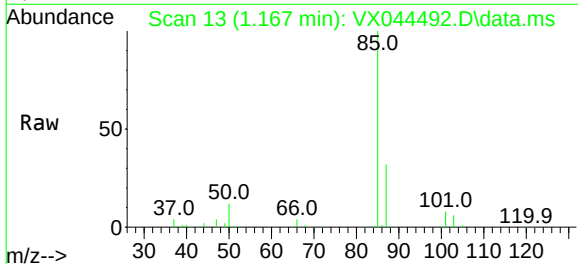
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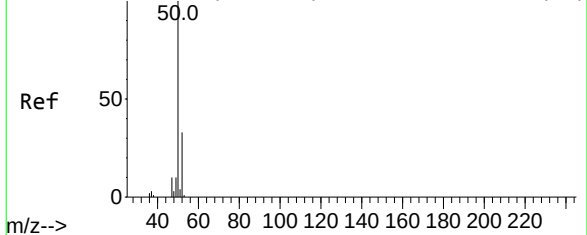


#2  
Dichlorodifluoromethane  
Concen: 45.252 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 85 Resp: 99403  
Ion Ratio Lower Upper  
85 100  
87 31.7 15.4 46.4



Abundance Scan 34 (1.295 min): VX044222.D\data.ms (-29)



#3

Chloromethane

Concen: 45.851 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 96315

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7

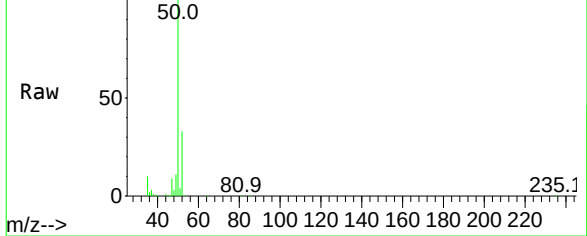
Manual Integrations

APPROVED

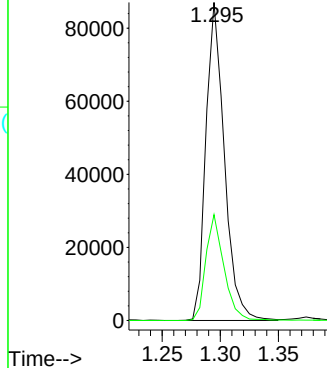
Reviewed By :John Carlone 12/26/2024

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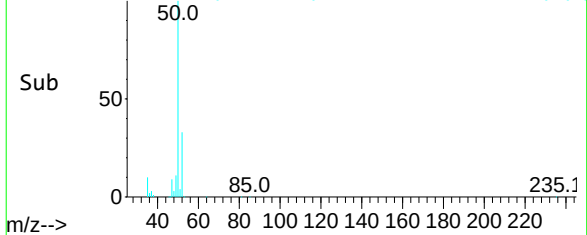
Abundance Scan 34 (1.295 min): VX044492.D\data.ms



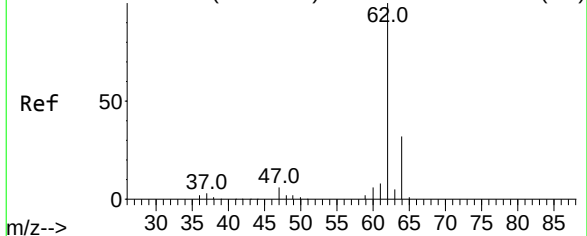
Abundance



Abundance Scan 34 (1.295 min): VX044492.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX044222.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 44.703 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

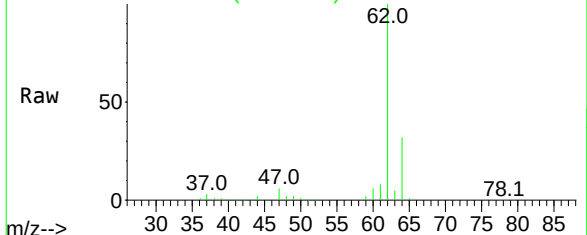
Tgt Ion: 62 Resp: 97827

Ion Ratio Lower Upper

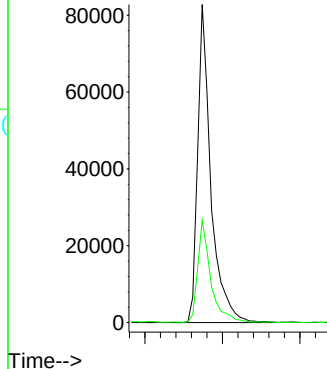
62 100

64 32.2 25.7 38.5

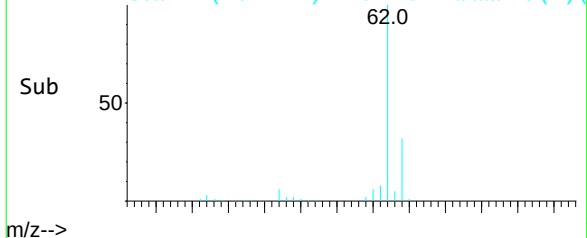
Abundance Scan 47 (1.374 min): VX044492.D\data.ms

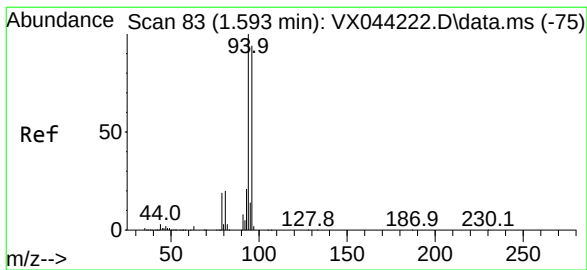


Abundance



Abundance Scan 47 (1.374 min): VX044492.D\data.ms (-1)





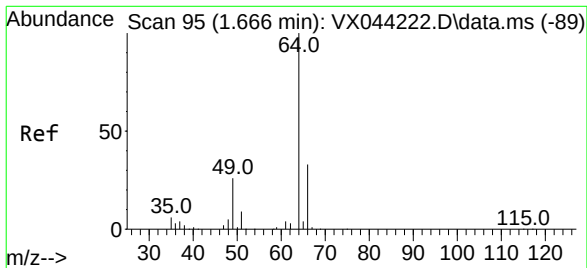
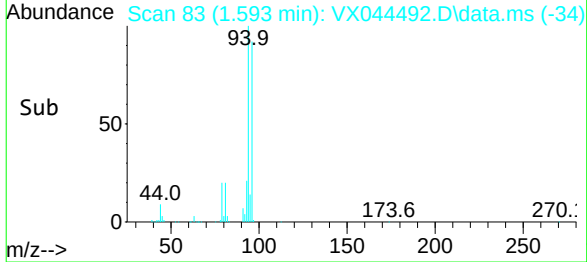
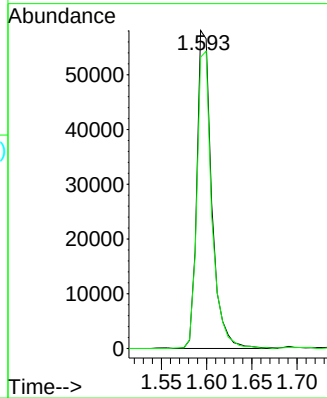
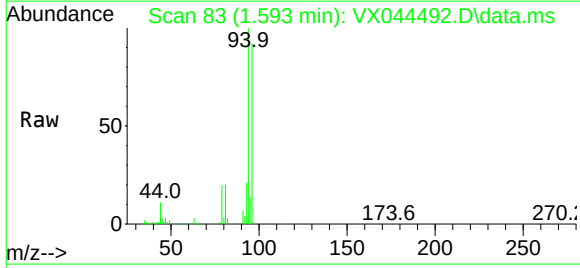
#5  
Bromomethane  
Concen: 42.791 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 66434  
Ion Ratio Lower Upper  
94 100  
96 91.4 74.9 112.3

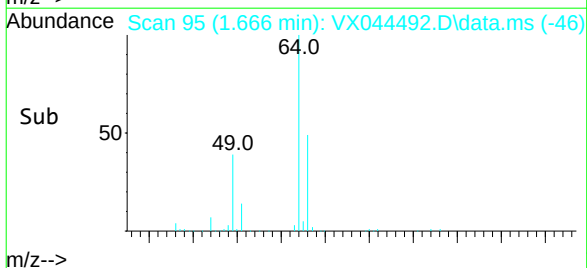
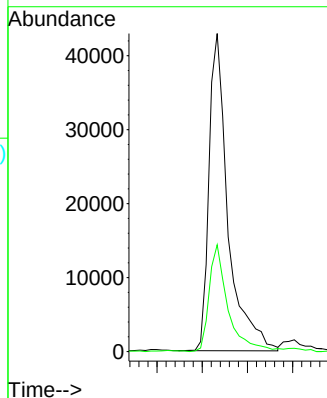
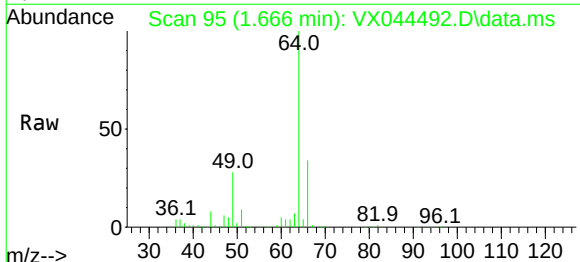
Manual Integrations  
APPROVED

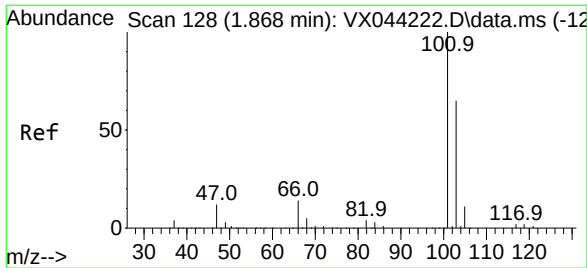
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#6  
Chloroethane  
Concen: 46.048 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

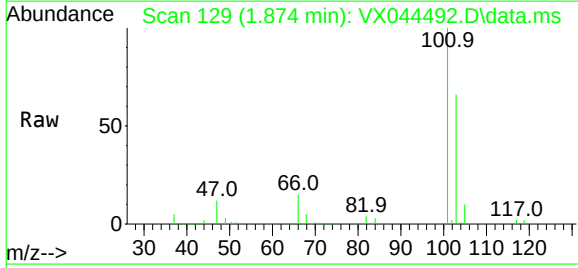
Tgt Ion: 64 Resp: 62749  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.6 39.8





#7  
Trichlorofluoromethane  
Concen: 35.446 ug/l  
RT: 1.874 min Scan# 128  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

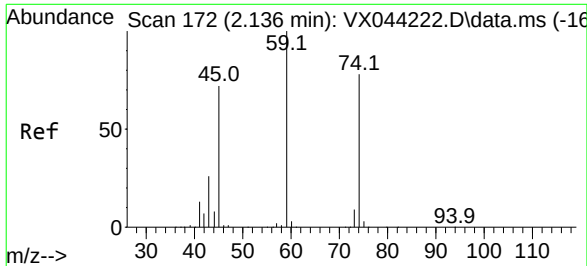
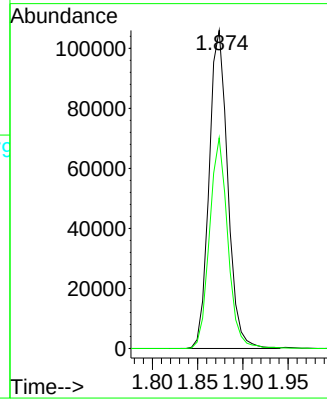
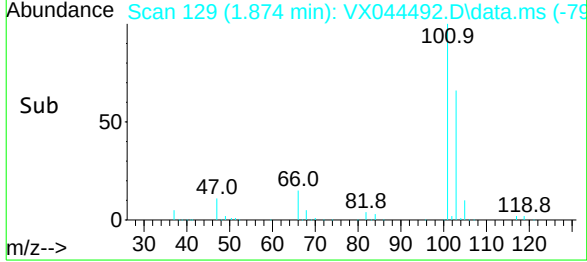
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 151866  
Ion Ratio Lower Upper  
101 100  
103 66.2 51.8 77.8

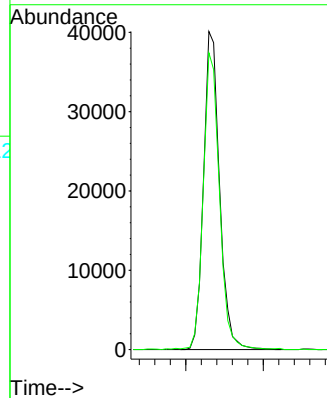
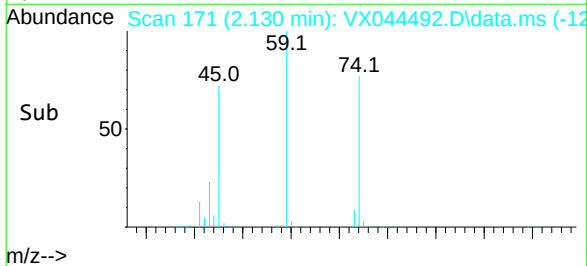
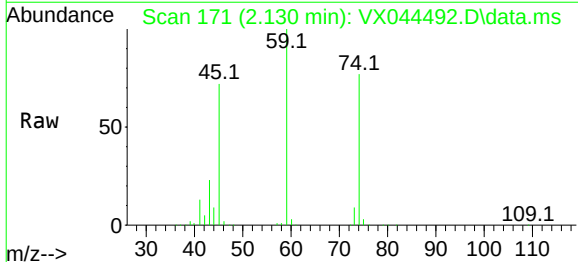
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024

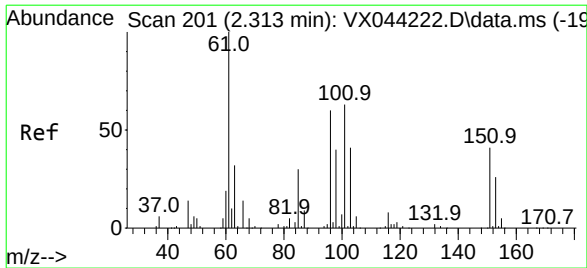


#8  
Diethyl Ether  
Concen: 39.343 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 74 Resp: 57535  
Ion Ratio Lower Upper  
74 100  
45 94.4 48.4 145.0

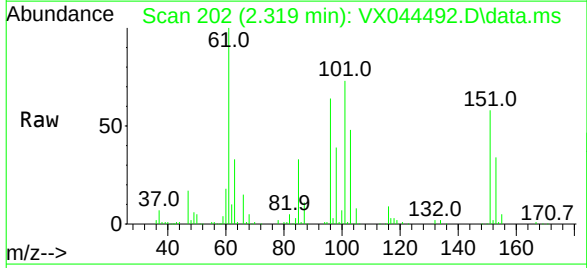






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.146 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

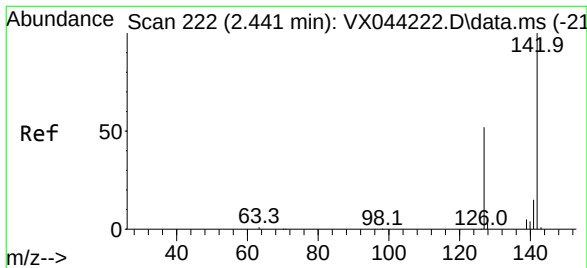
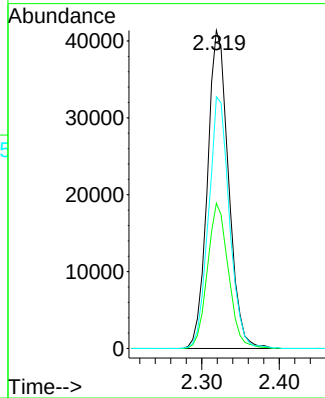
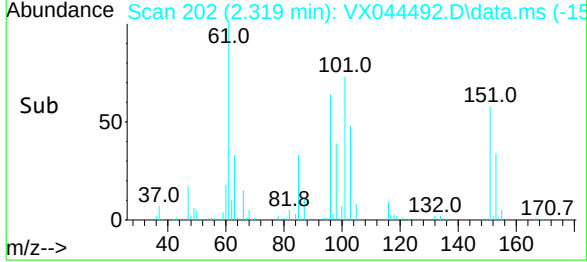
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 78265  
Ion Ratio Lower Upper  
101 100  
85 45.3 38.5 57.7  
151 78.3 55.8 83.6

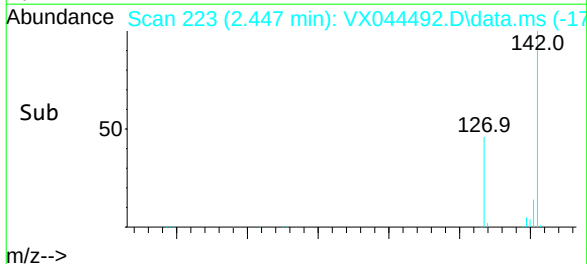
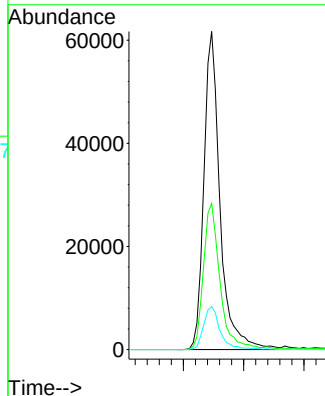
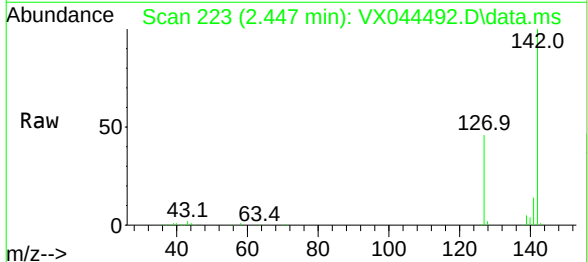
Manual Integrations  
APPROVED

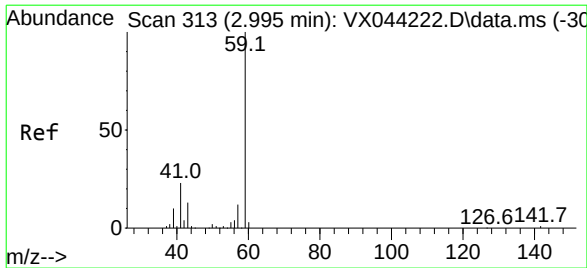
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#10  
Methyl Iodide  
Concen: 50.107 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion:142 Resp: 114488  
Ion Ratio Lower Upper  
142 100  
127 47.2 41.8 62.8  
141 14.1 11.5 17.3





#11

Tert butyl alcohol

Concen: 200.889 ug/l

RT: 2.996 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 70521

Ion Ratio Lower Upper

59 100

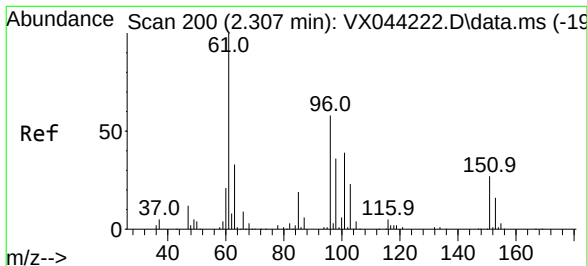
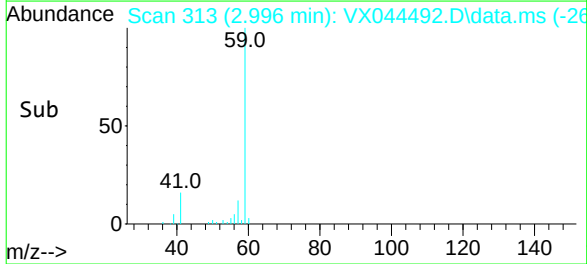
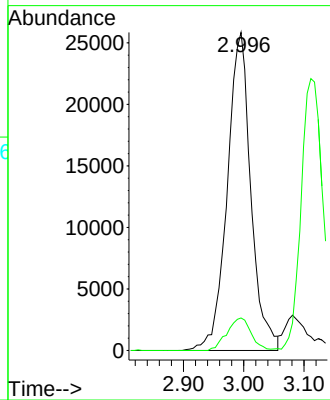
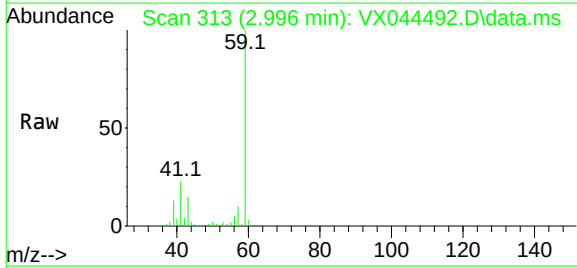
57 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#12

1,1-Dichloroethene

Concen: 47.404 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

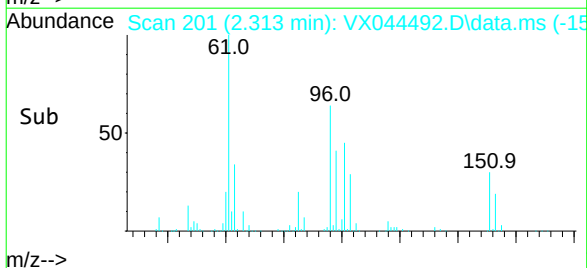
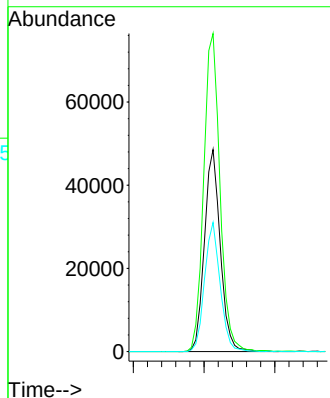
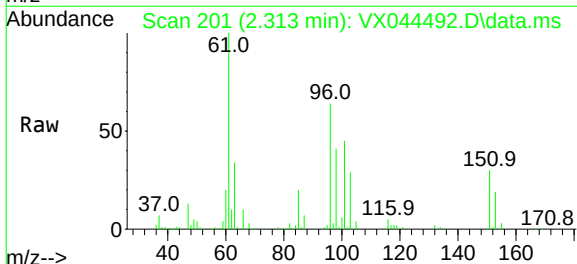
Tgt Ion: 96 Resp: 75484

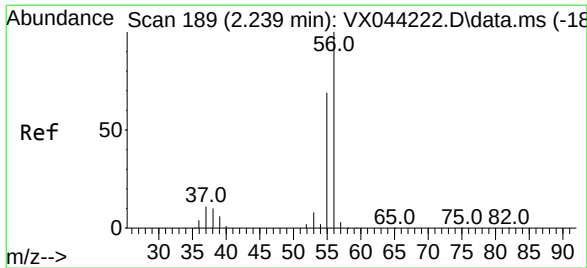
Ion Ratio Lower Upper

96 100

61 157.4 138.0 207.0

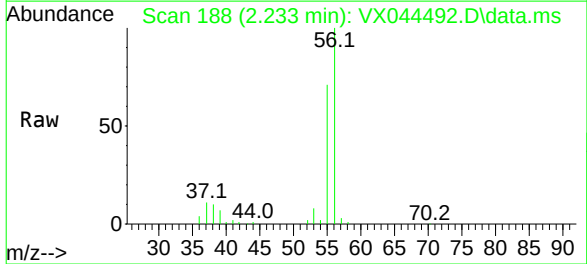
98 63.9 50.0 75.0





#13  
Acrolein  
Concen: 181.285 ug/l  
RT: 2.233 min Scan# 189  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

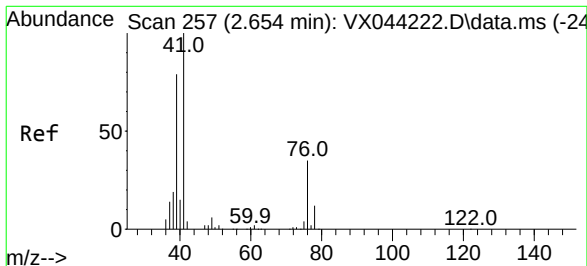
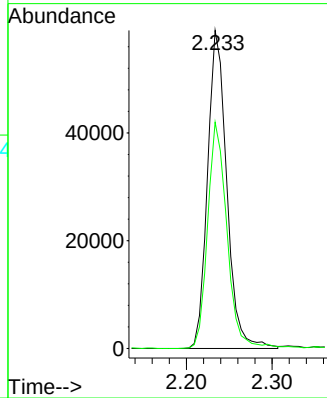
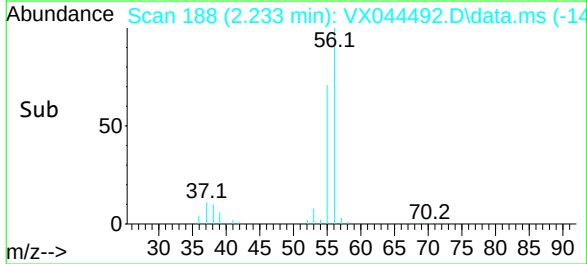
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 92120  
Ion Ratio Lower Upper  
56 100  
55 71.8 56.6 84.8

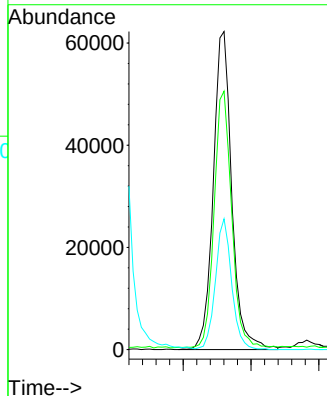
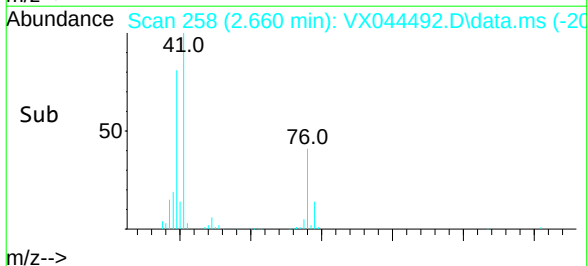
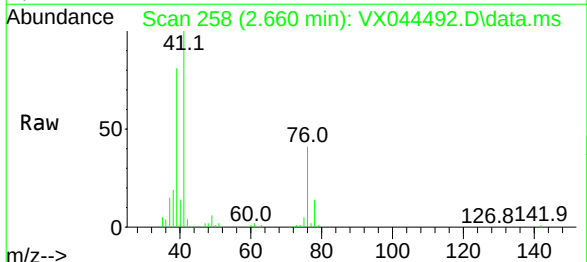
Manual Integrations  
APPROVED

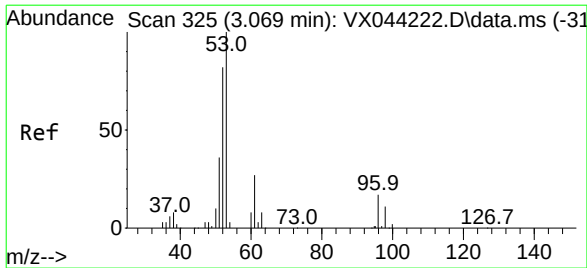
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#14  
Allyl chloride  
Concen: 44.605 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 41 Resp: 118303  
Ion Ratio Lower Upper  
41 100  
39 76.1 61.9 92.9  
76 36.0 27.4 41.2





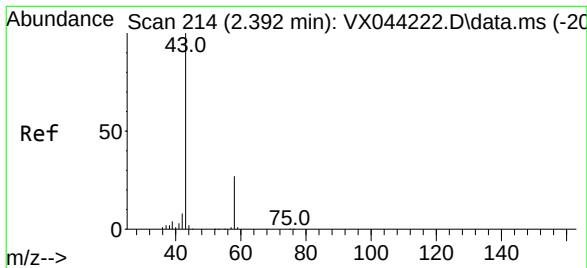
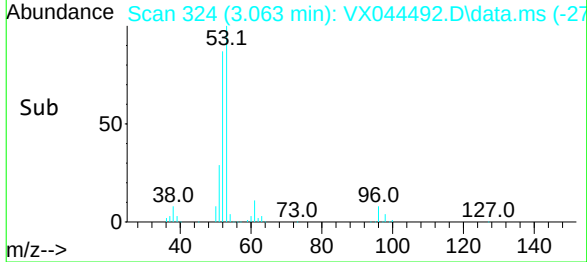
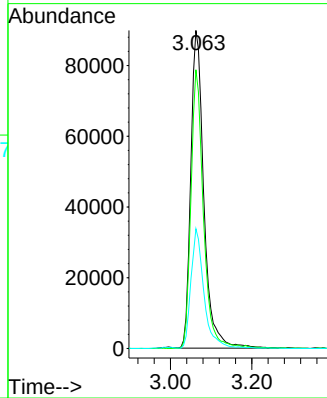
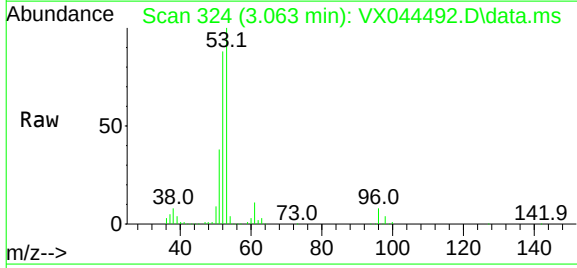
#15  
Acrylonitrile  
Concen: 206.319 ug/l  
RT: 3.063 min Scan# 32  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 200626  
Ion Ratio Lower Upper  
53 100  
52 83.5 67.4 101.0  
51 37.1 30.3 45.5

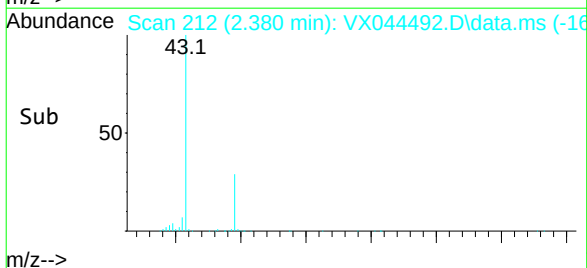
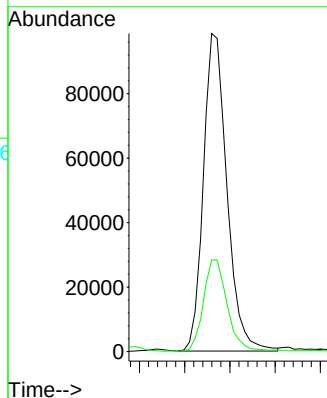
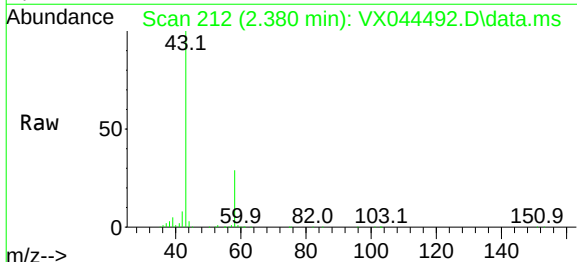
Manual Integrations  
APPROVED

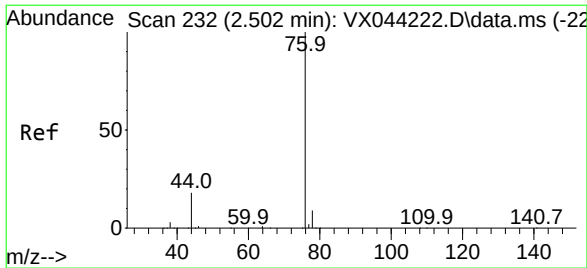
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#16  
Acetone  
Concen: 175.552 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 178267  
Ion Ratio Lower Upper  
43 100  
58 28.7 21.6 32.4





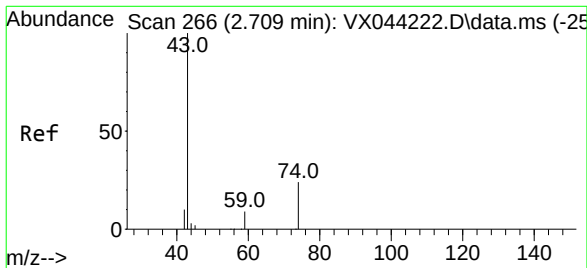
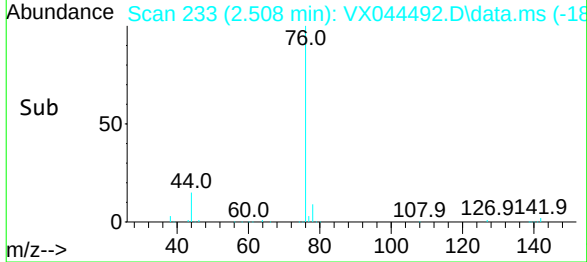
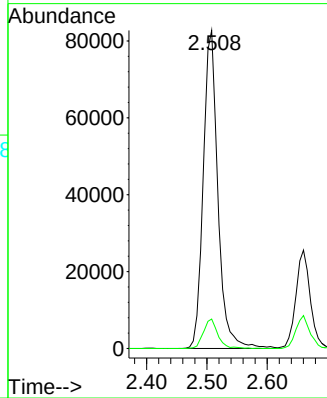
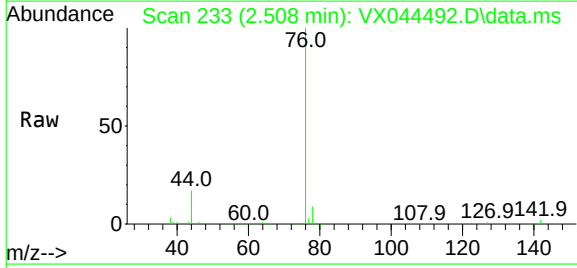
#17  
Carbon Disulfide  
Concen: 46.135 ug/l  
RT: 2.508 min Scan# 231  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 139644  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0

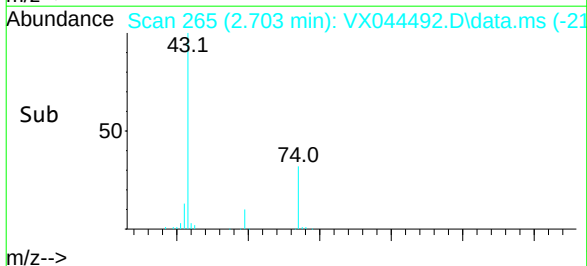
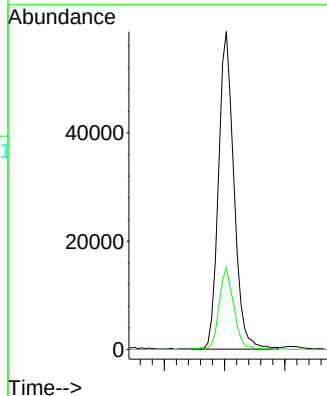
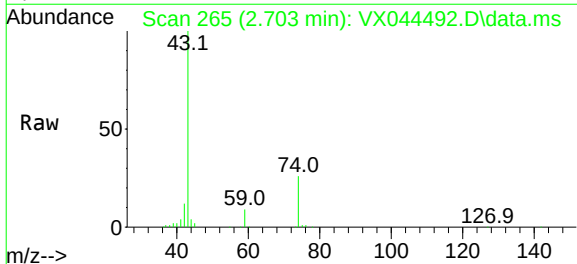
Manual Integrations  
APPROVED

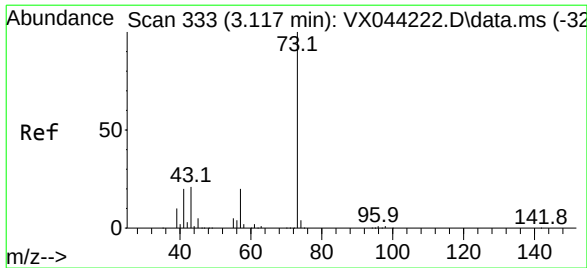
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#18  
Methyl Acetate  
Concen: 39.750 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 104075  
Ion Ratio Lower Upper  
43 100  
74 24.9 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 42.170 ug/l

RT: 3.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 262040

Ion Ratio Lower Upper

73 100

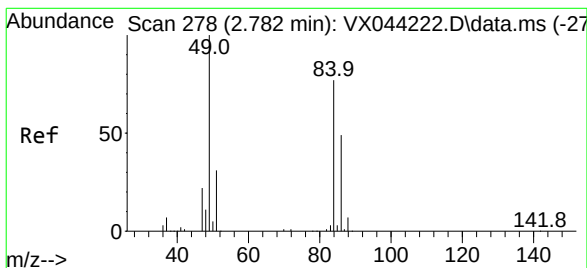
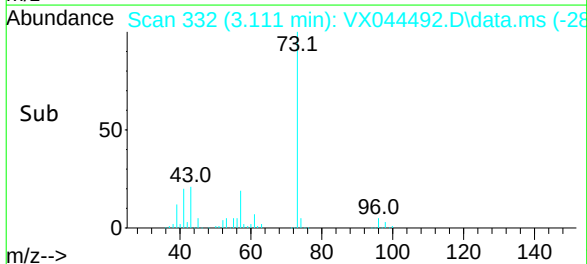
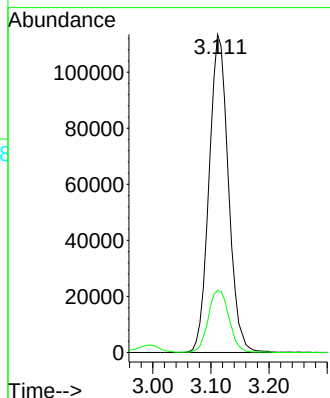
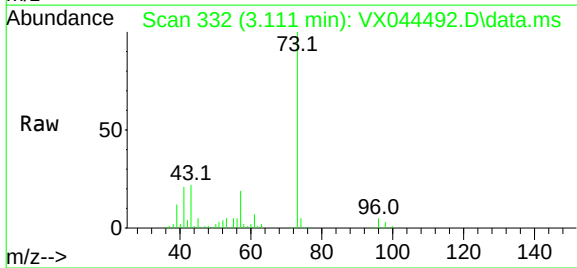
57 19.5 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#20

Methylene Chloride

Concen: 46.423 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion: 84 Resp: 88543

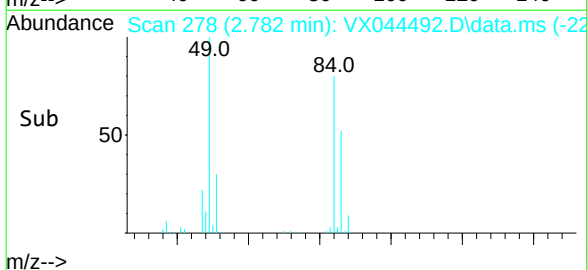
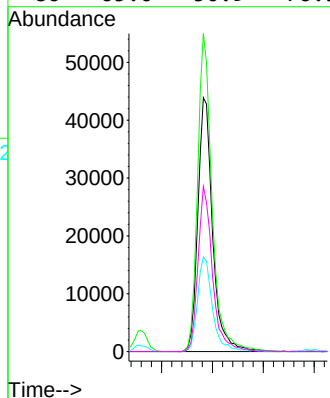
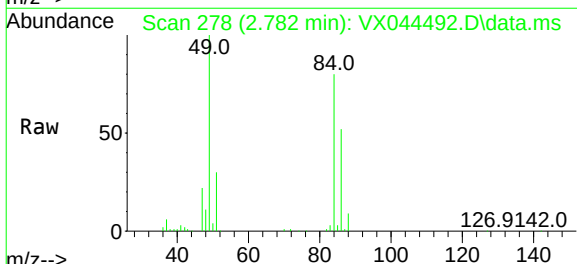
Ion Ratio Lower Upper

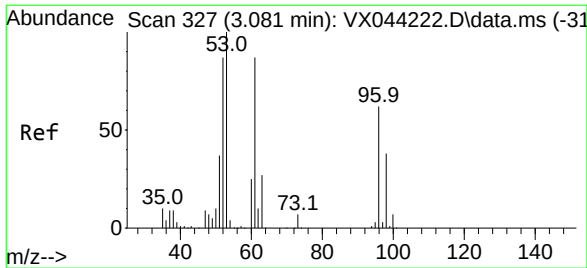
84 100

49 125.3 104.2 156.4

51 37.2 32.2 48.4

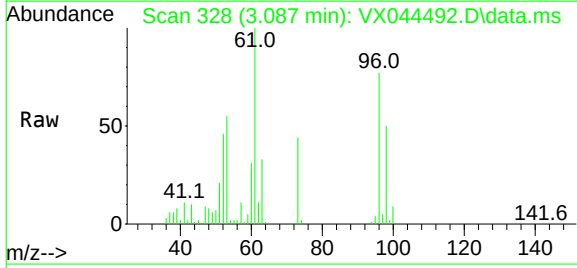
86 65.0 50.9 76.3





#21  
trans-1,2-Dichloroethene  
Concen: 45.648 ug/l  
RT: 3.087 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

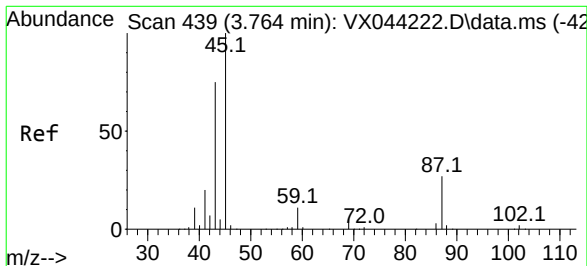
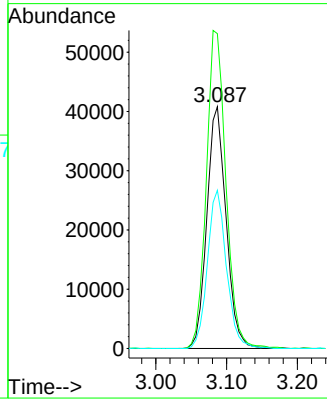
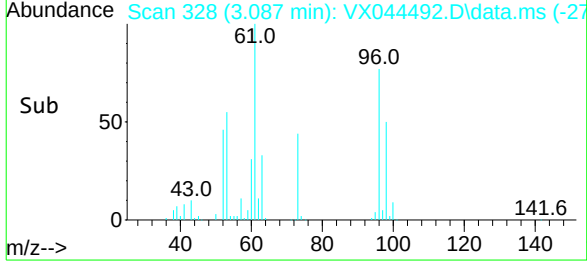
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



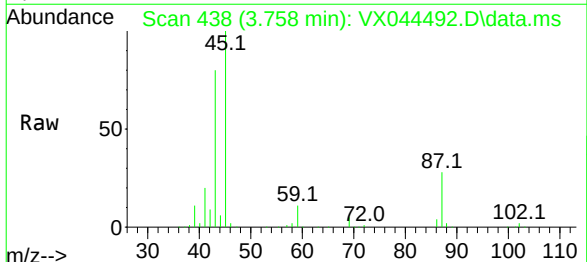
Tgt Ion: 96 Resp: 77251  
Ion Ratio Lower Upper  
96 100  
61 130.2 112.0 168.0  
98 65.4 48.8 73.2

Manual Integrations  
APPROVED

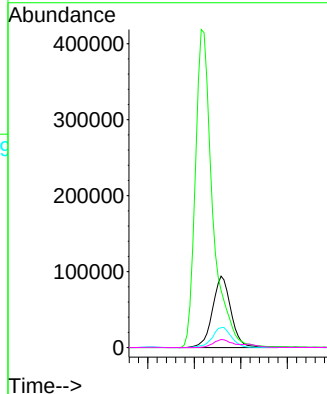
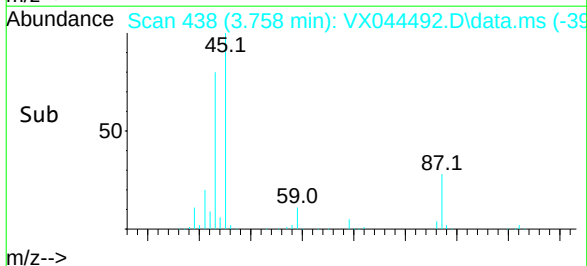
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024

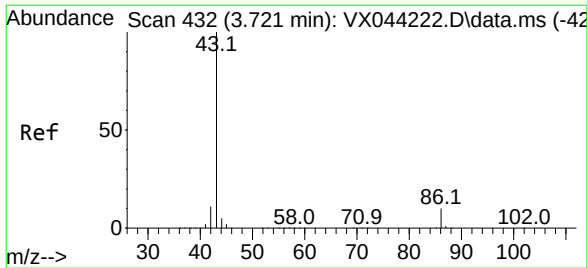


#22  
Diisopropyl ether  
Concen: 43.412 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49



Tgt Ion: 45 Resp: 259272  
Ion Ratio Lower Upper  
45 100  
43 80.2 60.2 90.2  
87 27.9 21.2 31.8  
59 11.3 8.9 13.3





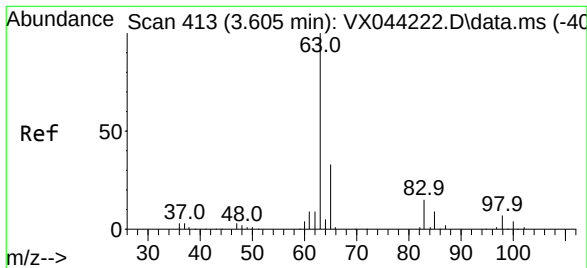
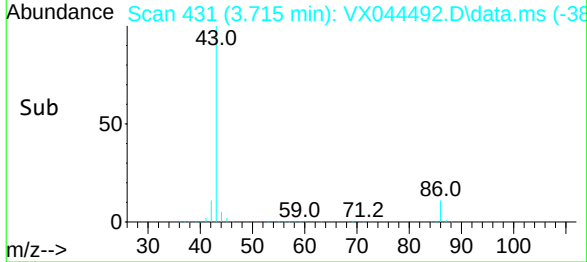
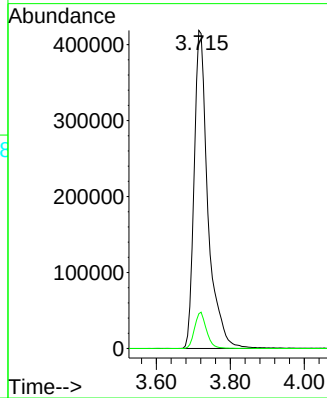
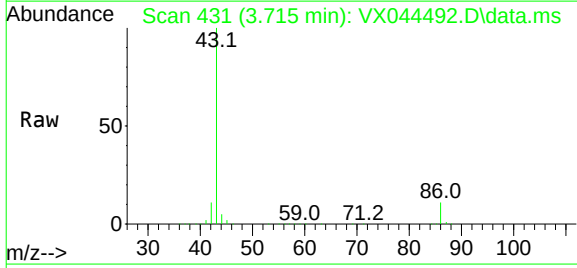
#23  
 Vinyl Acetate  
 Concen: 223.409 ug/l  
 RT: 3.715 min Scan# 43  
 Delta R.T. -0.006 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1084781  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 8.2 12.2

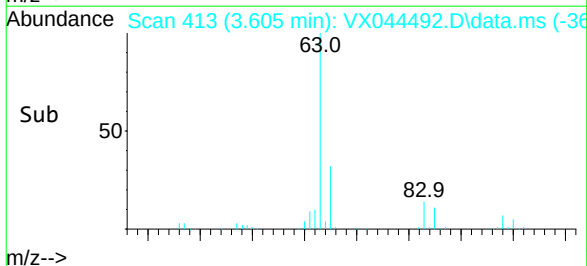
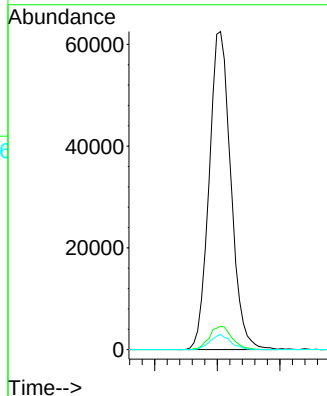
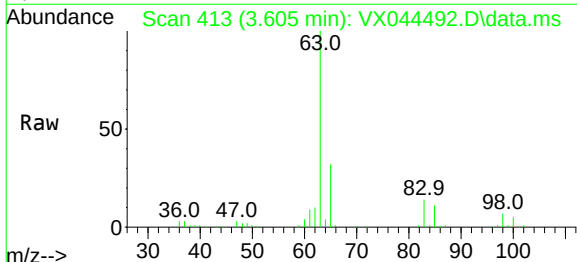
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/26/2024  
 Supervised By :Mahesh Dadoda 12/26/2024

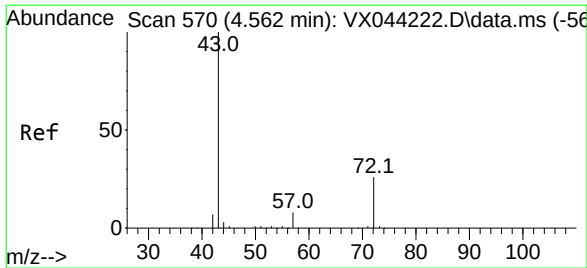


#24  
 1,1-Dichloroethane  
 Concen: 45.194 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. 0.000 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 150456  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.8 2.1 6.3







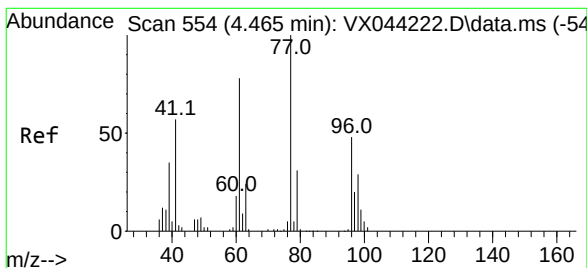
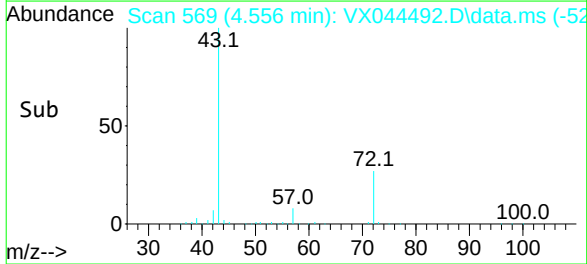
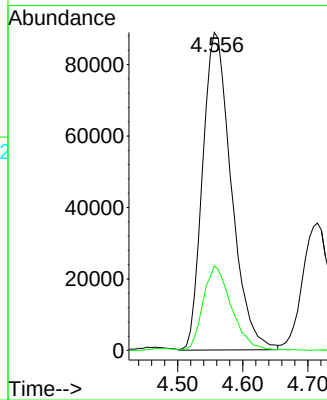
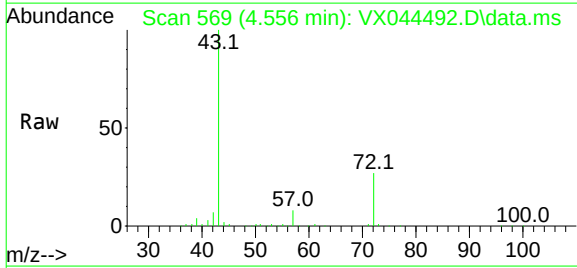
#25  
2-Butanone  
Concen: 188.131 ug/l  
RT: 4.556 min Scan# 56  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 271591  
Ion Ratio Lower Upper  
43 100  
72 26.5 20.2 30.4

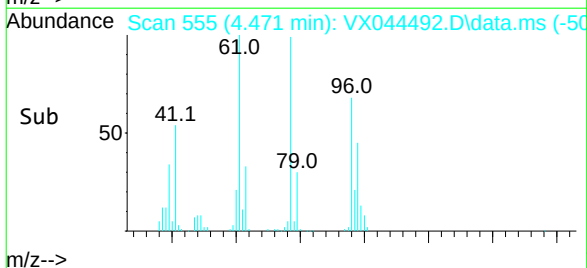
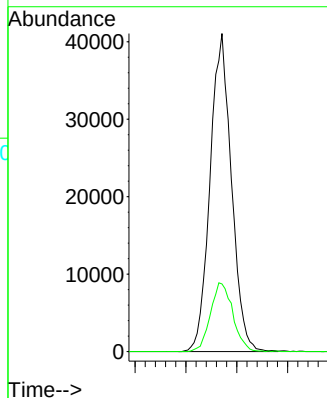
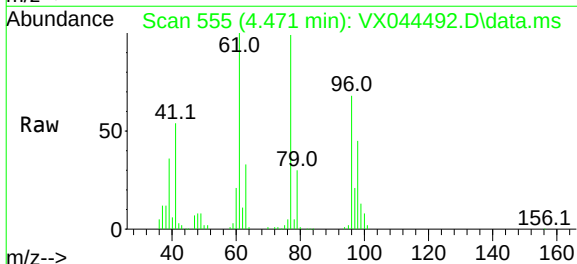
Manual Integrations  
APPROVED

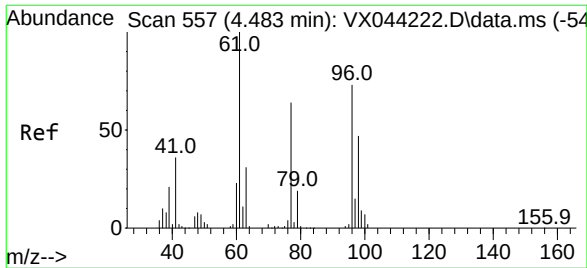
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#26  
2,2-Dichloropropane  
Concen: 44.358 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

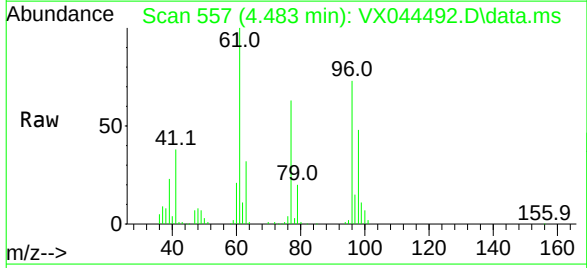
Tgt Ion: 77 Resp: 119970  
Ion Ratio Lower Upper  
77 100  
97 22.6 10.7 32.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 44.871 ug/l  
 RT: 4.483 min Scan# 557  
 Delta R.T. 0.000 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

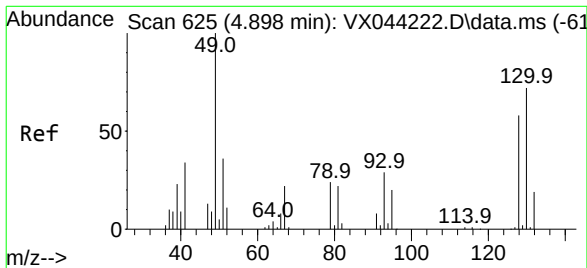
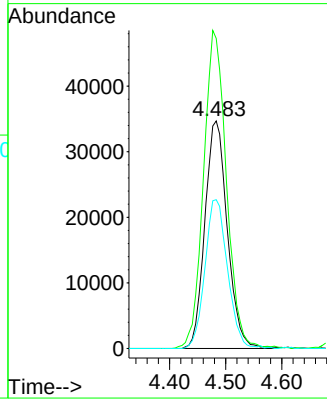
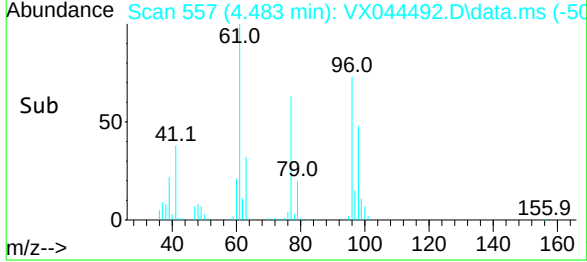
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion: 96 Resp: 96440  
 Ion Ratio Lower Upper  
 96 100  
 61 142.1 0.0 299.0  
 98 66.0 0.0 129.0

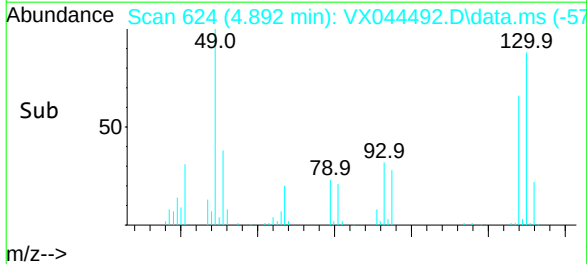
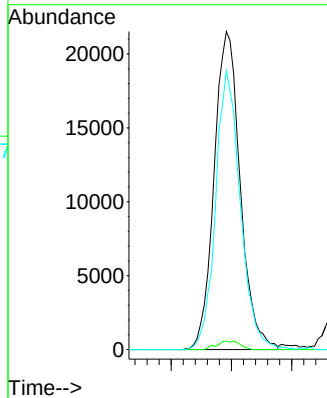
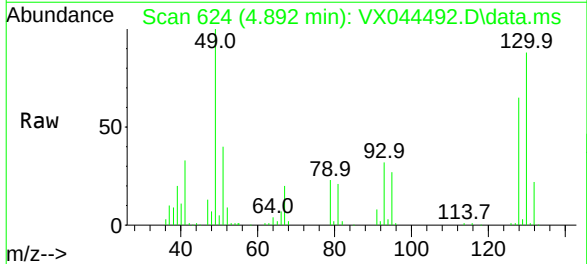
Manual Integrations  
 APPROVED

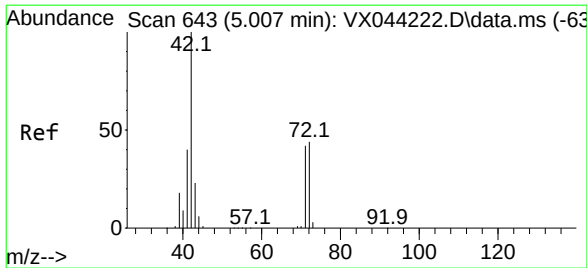
Reviewed By :John Carlone 12/26/2024  
 Supervised By :Mahesh Dadoda 12/26/2024



#28  
 Bromochloromethane  
 Concen: 39.671 ug/l  
 RT: 4.892 min Scan# 624  
 Delta R.T. -0.006 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

Tgt Ion: 49 Resp: 64763  
 Ion Ratio Lower Upper  
 49 100  
 129 2.4 0.0 4.2  
 130 83.3 62.1 93.1





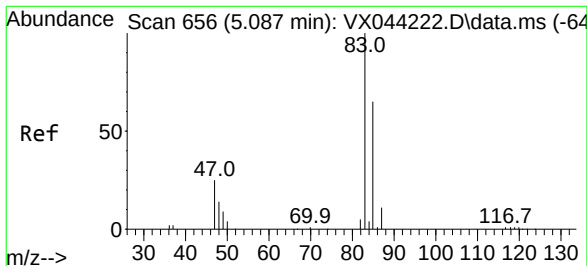
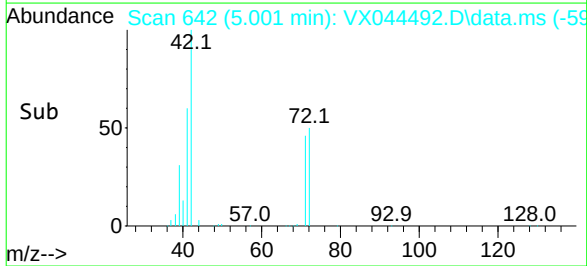
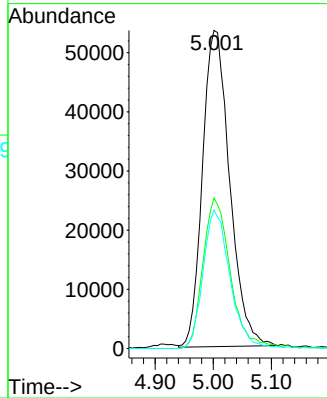
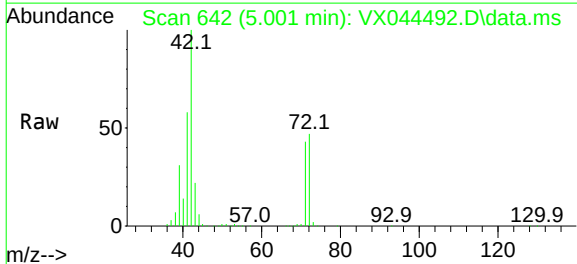
#29  
Tetrahydrofuran  
Concen: 187.586 ug/l  
RT: 5.001 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 42 Resp: 173821  
Ion Ratio Lower Upper  
42 100  
72 48.0 37.0 55.6  
71 43.3 33.6 50.4

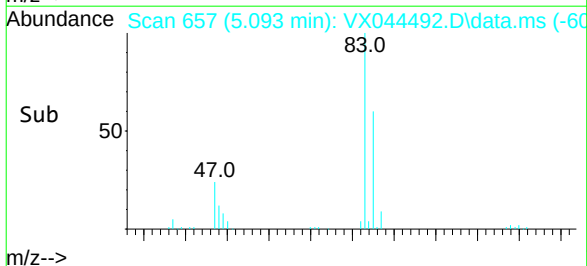
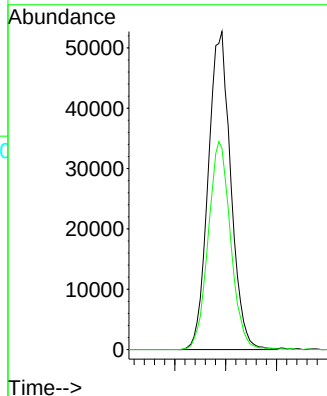
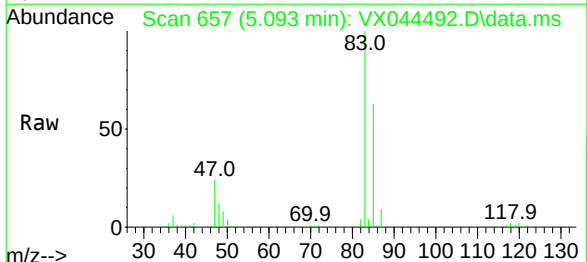
Manual Integrations  
APPROVED

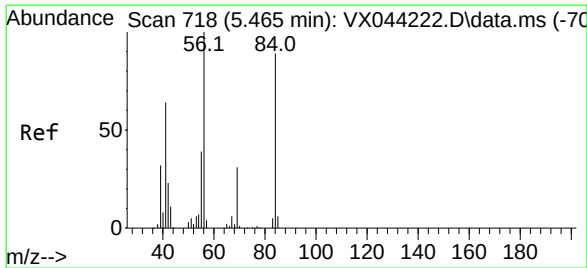
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#30  
Chloroform  
Concen: 43.416 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 83 Resp: 162393  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.6 77.4





#31

Cyclohexane

Concen: 42.794 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

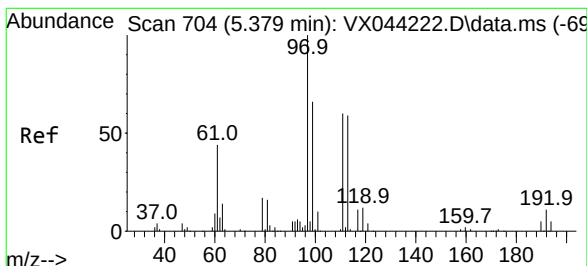
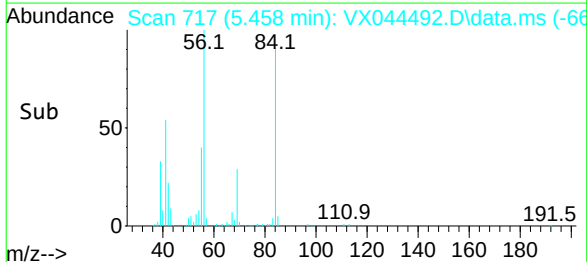
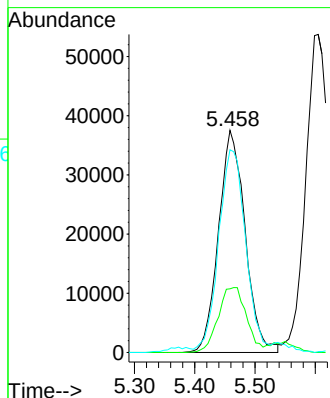
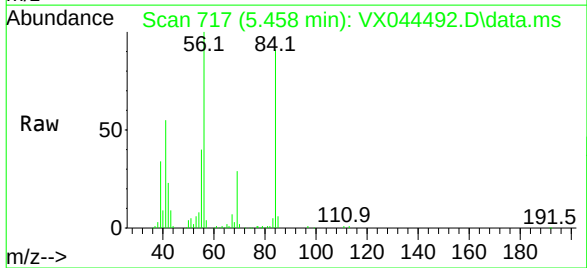
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 115044 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 28.7  | 24.7  | 37.1   |
| 84       | 88.9  | 71.0  | 106.6  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#32

1,1,1-Trichloroethane

Concen: 45.118 ug/l

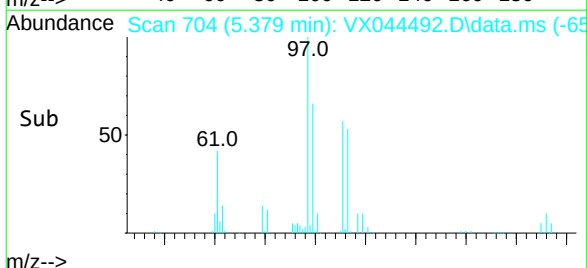
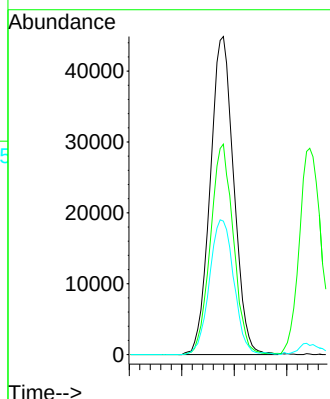
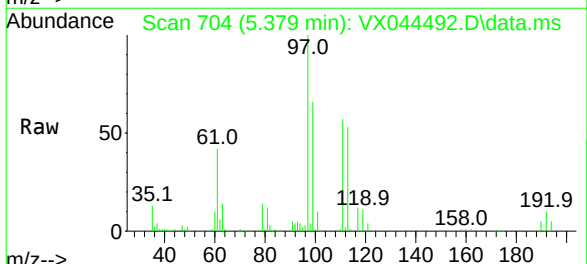
RT: 5.379 min Scan# 704

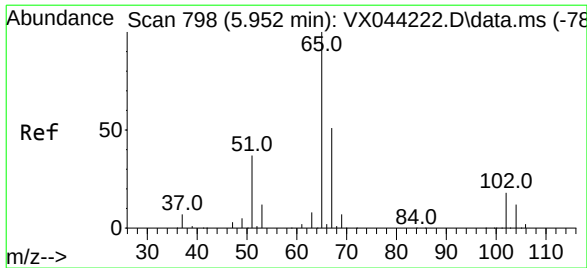
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 140086 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 50.8  | 76.2   |
| 61       | 43.9  | 35.2  | 52.8   |





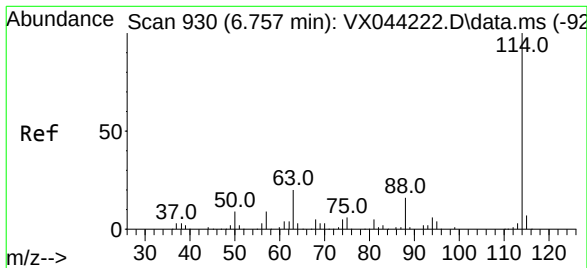
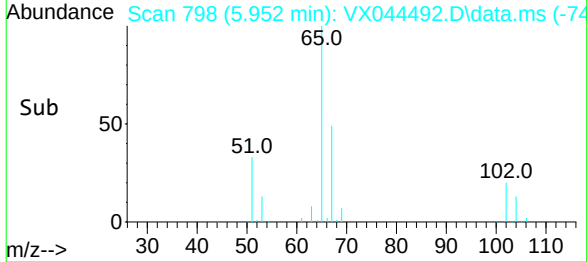
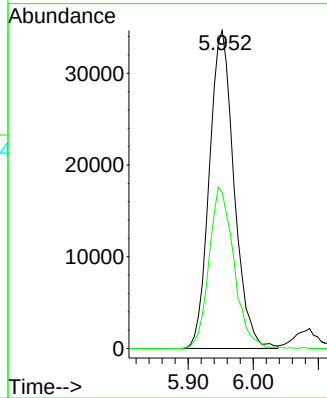
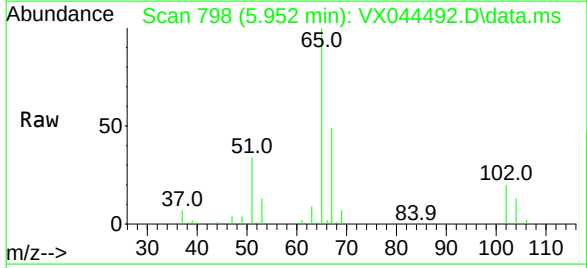
#33  
1,2-Dichloroethane-d4  
Concen: 36.671 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 65 Resp: 91340  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 101.6

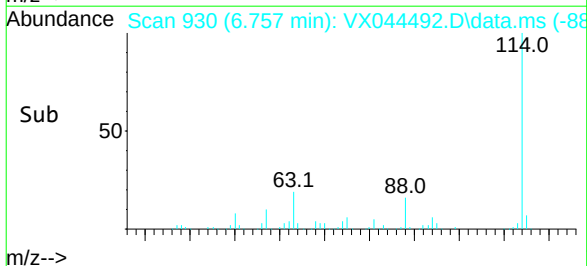
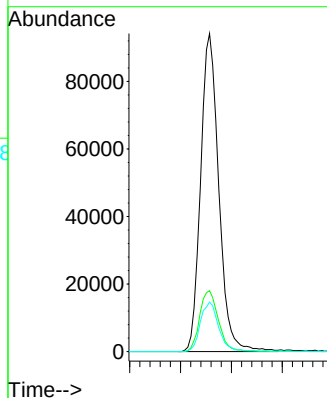
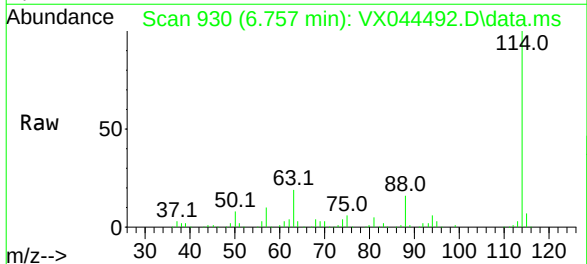
Manual Integrations  
APPROVED

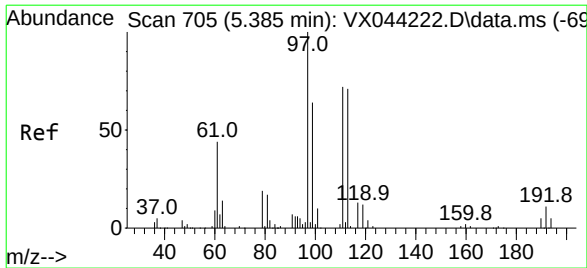
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

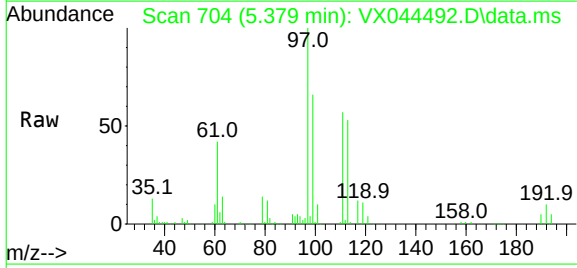
Tgt Ion:114 Resp: 233398  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 40.6  
88 15.6 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 45.677 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

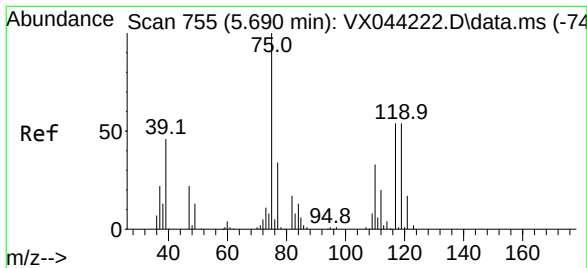
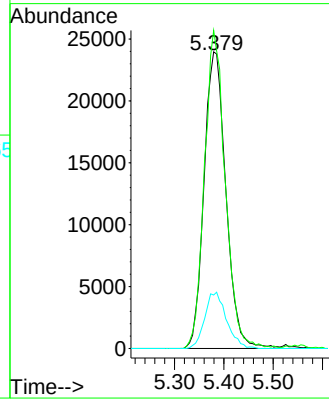
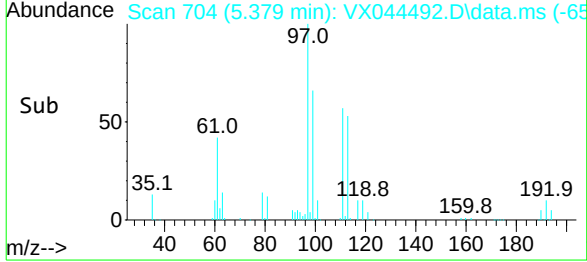
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 113 Resp: 73837  
Ion Ratio Lower Upper  
113 100  
111 102.2 80.4 120.6  
192 18.9 13.3 19.9

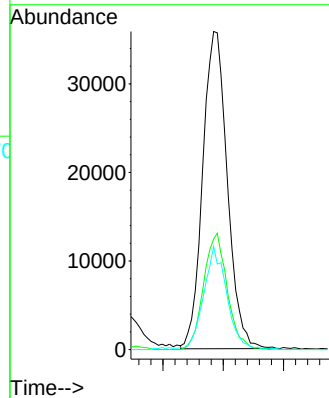
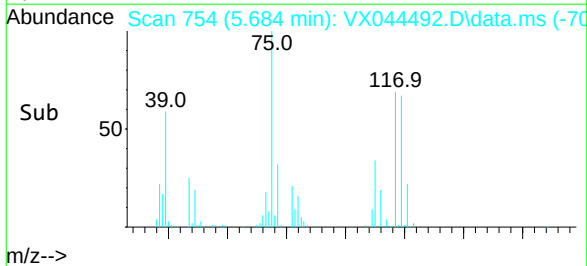
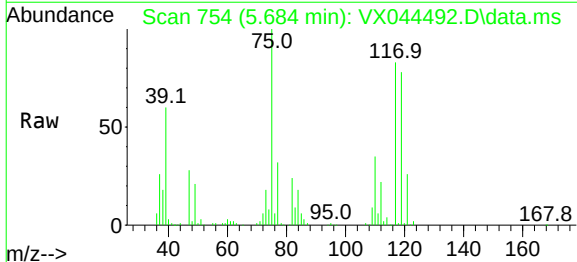
Manual Integrations  
APPROVED

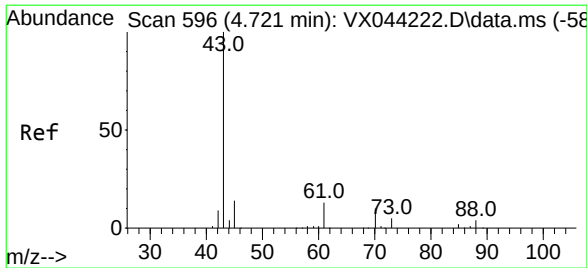
Reviewed By : John Carlone 12/26/2024  
Supervised By : Mahesh Dadoda 12/26/2024



#36  
1,1-Dichloropropene  
Concen: 48.625 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 101604  
Ion Ratio Lower Upper  
75 100  
110 35.3 17.3 51.7  
77 29.8 25.4 38.0





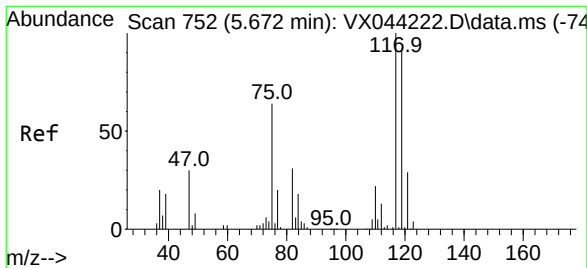
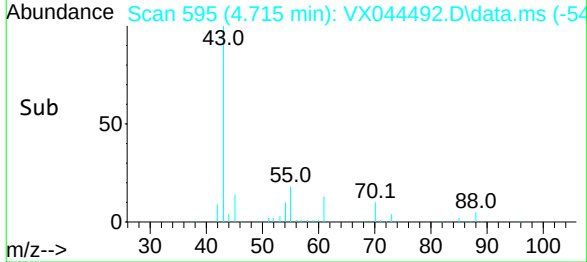
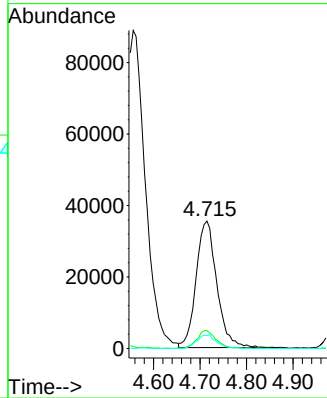
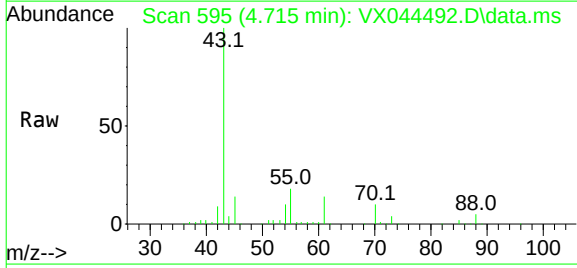
#37  
Ethyl Acetate  
Concen: 42.249 ug/l  
RT: 4.715 min Scan# 596  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 109126  
Ion Ratio Lower Upper  
43 100  
61 13.5 9.8 14.8  
70 10.3 7.7 11.5

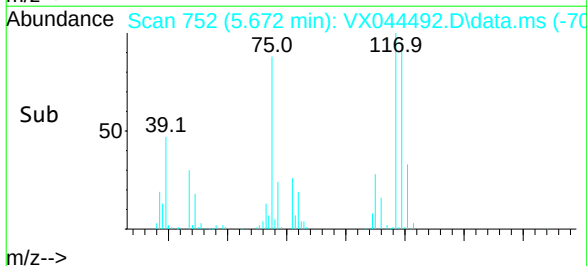
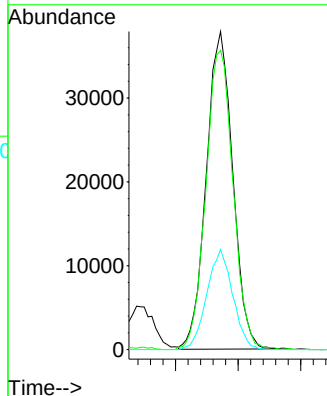
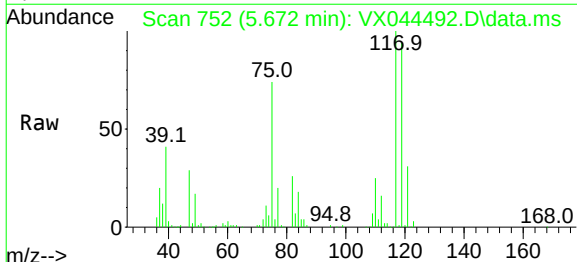
Manual Integrations  
APPROVED

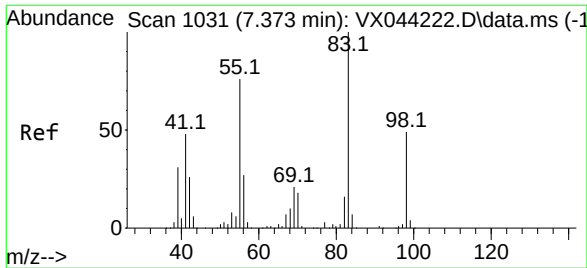
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#38  
Carbon Tetrachloride  
Concen: 49.513 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion:117 Resp: 111385  
Ion Ratio Lower Upper  
117 100  
119 94.0 74.2 111.4  
121 31.6 23.0 34.6





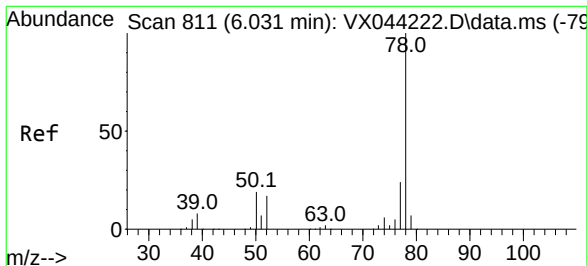
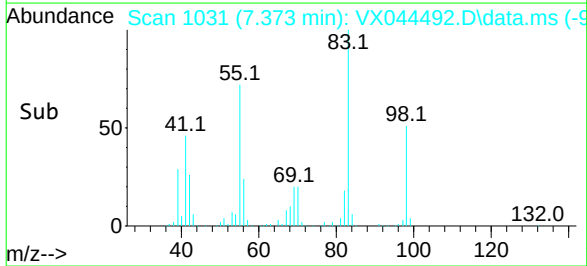
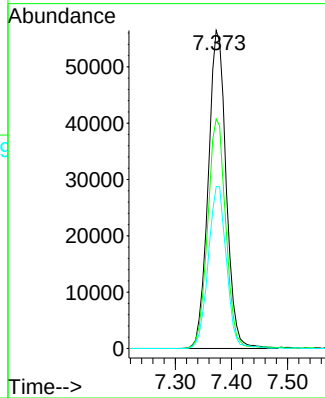
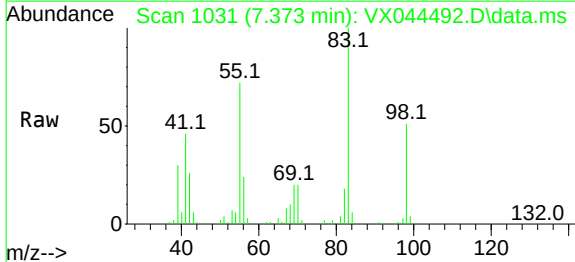
#39  
Methylcyclohexane  
Concen: 50.139 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 125247  
Ion Ratio Lower Upper  
83 100  
55 72.2 60.7 91.1  
98 50.9 38.9 58.3

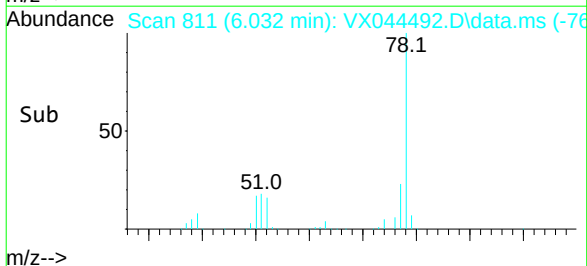
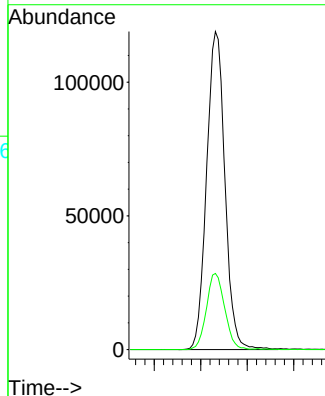
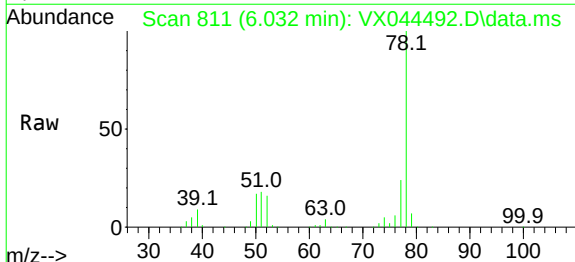
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024

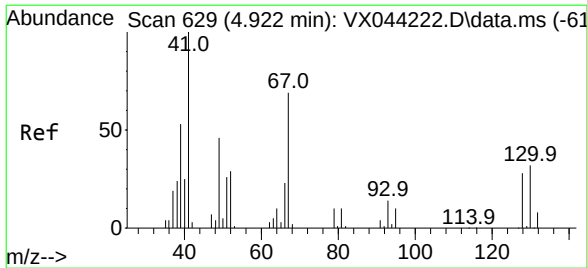


#40  
Benzene  
Concen: 51.229 ug/l  
RT: 6.032 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 78 Resp: 325004  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.3 28.9







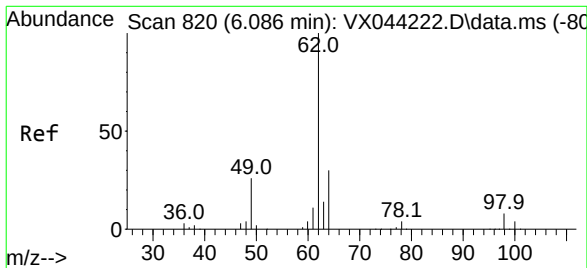
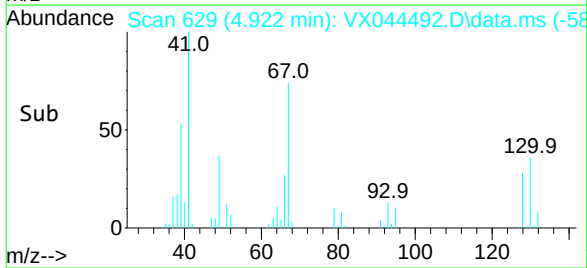
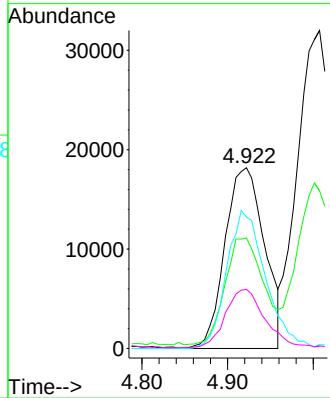
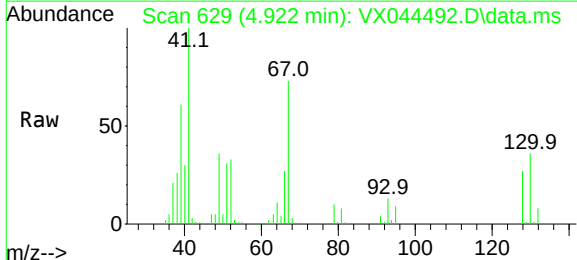
#41  
Methacrylonitrile  
Concen: 42.511 ug/l  
RT: 4.922 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 58306  
Ion Ratio Lower Upper  
41 100  
39 57.1 44.2 66.4  
67 75.0 57.2 85.8  
52 33.0 24.6 37.0

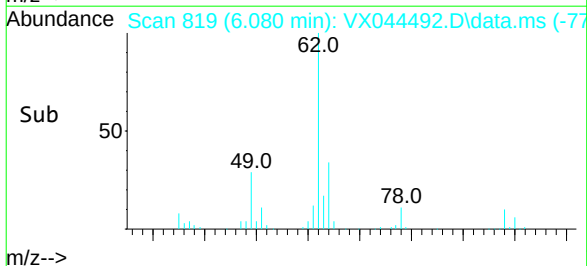
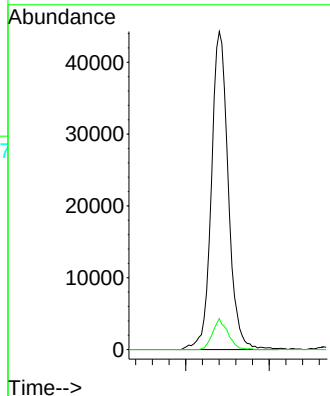
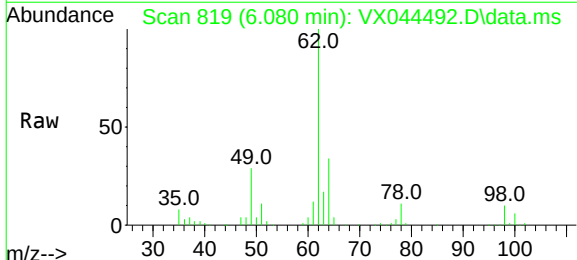
Manual Integrations  
APPROVED

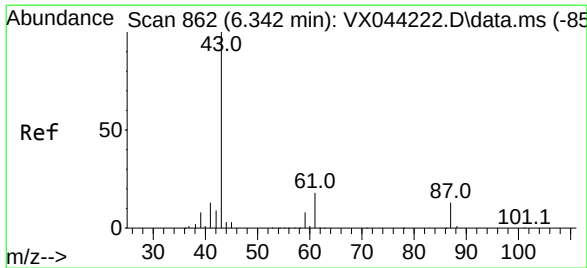
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#42  
1,2-Dichloroethane  
Concen: 47.653 ug/l  
RT: 6.080 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 62 Resp: 124536  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 44.034 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

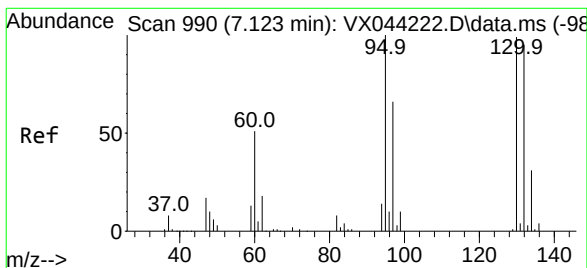
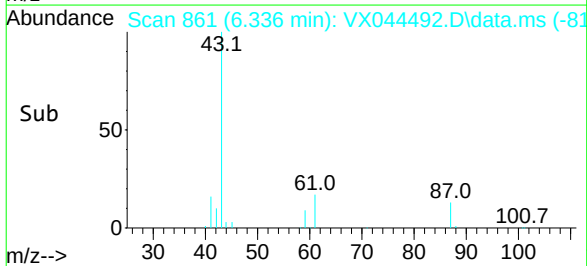
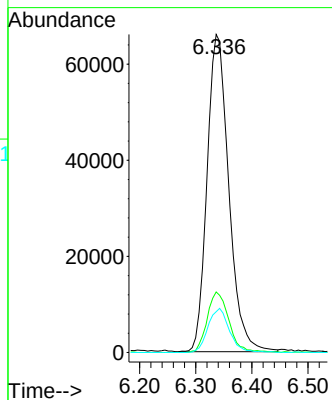
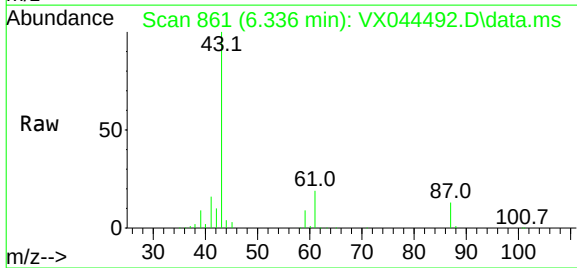
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 177776 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.1  | 14.2  | 21.2   |
| 87       | 13.7  | 10.2  | 15.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#44

Trichloroethene

Concen: 52.353 ug/l

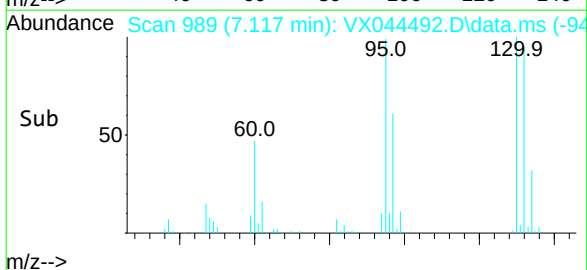
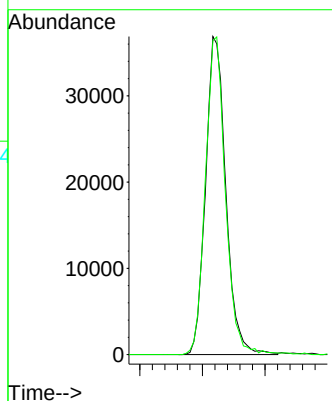
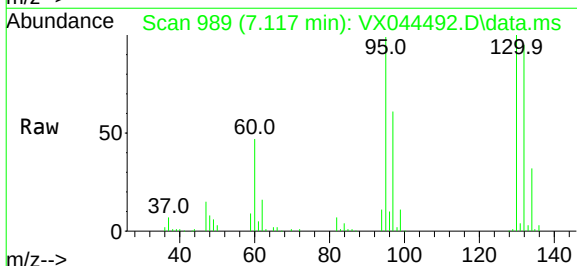
RT: 7.117 min Scan# 989

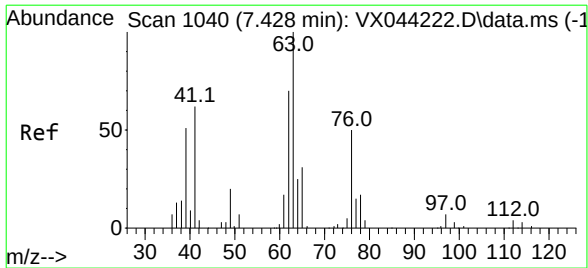
Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 82827 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 98.7  | 0.0   | 201.4 |





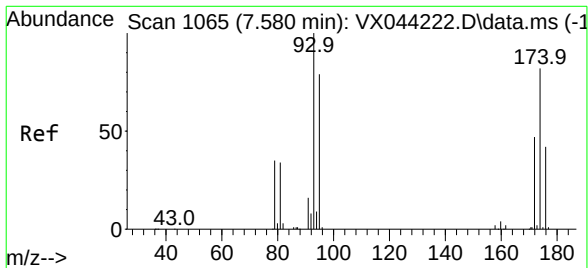
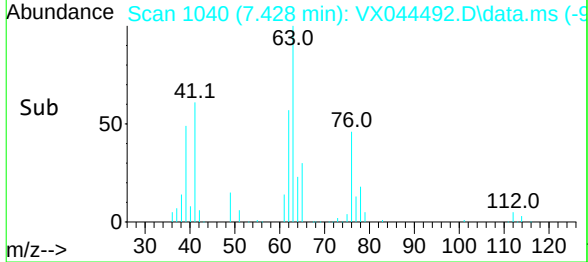
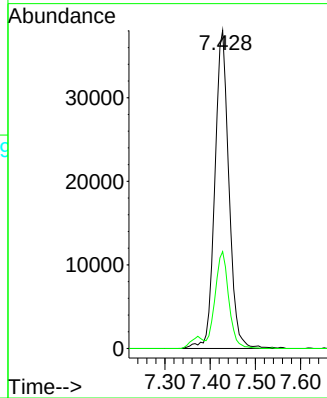
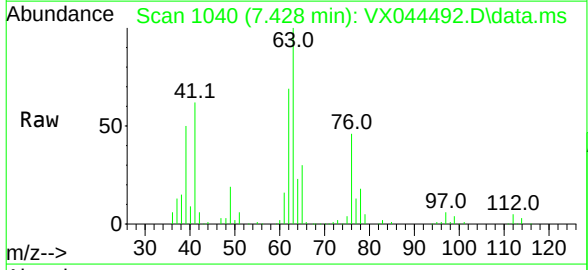
#45  
1,2-Dichloropropane  
Concen: 50.659 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 63 Resp: 82109  
Ion Ratio Lower Upper  
63 100  
65 30.5 24.6 37.0

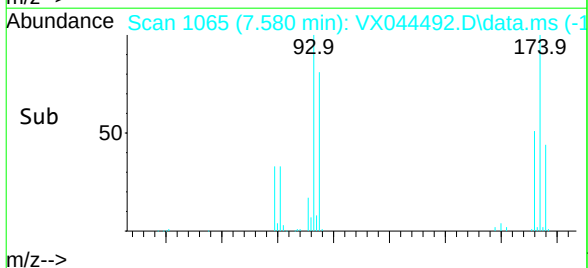
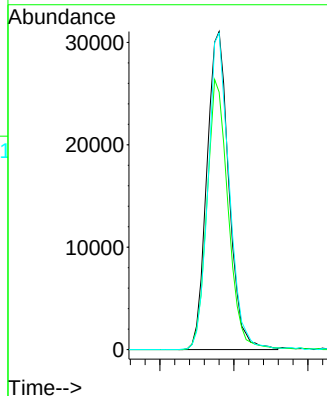
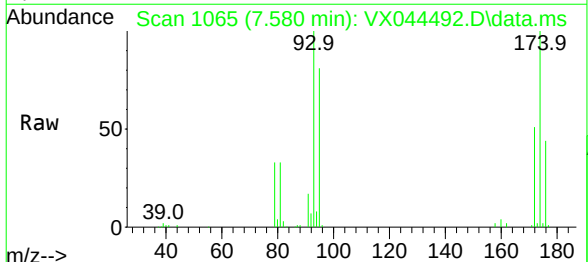
Manual Integrations  
APPROVED

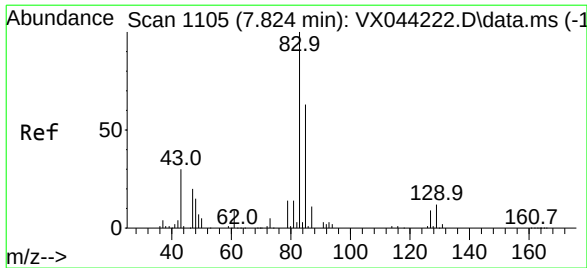
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#46  
Dibromomethane  
Concen: 50.998 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 93 Resp: 64127  
Ion Ratio Lower Upper  
93 100  
95 81.9 65.4 98.2  
174 95.5 67.9 101.9





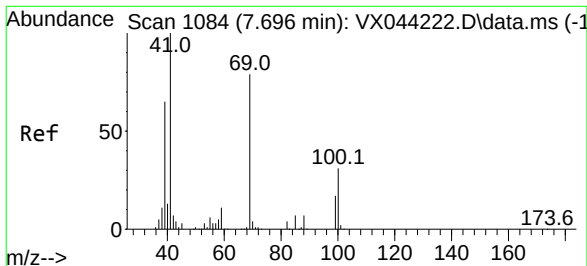
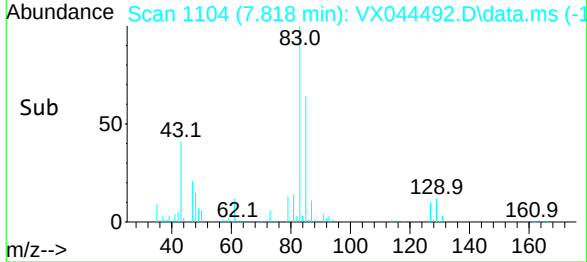
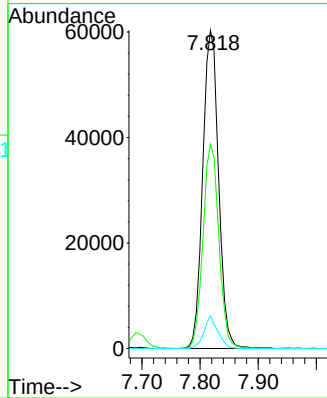
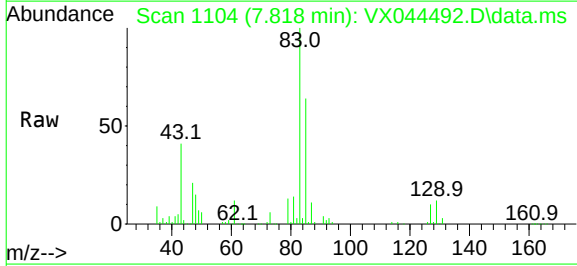
#47  
Bromodichloromethane  
Concen: 52.527 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 114072  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.6 75.8  
127 10.3 7.3 10.9

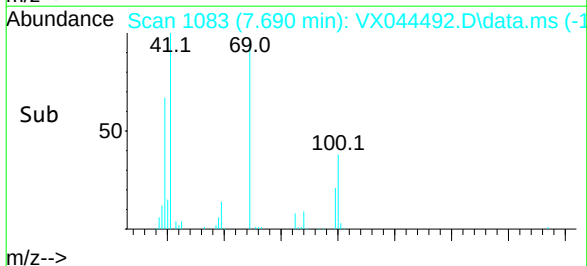
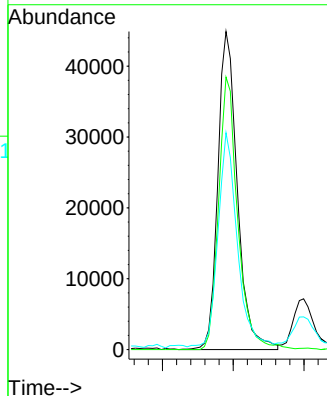
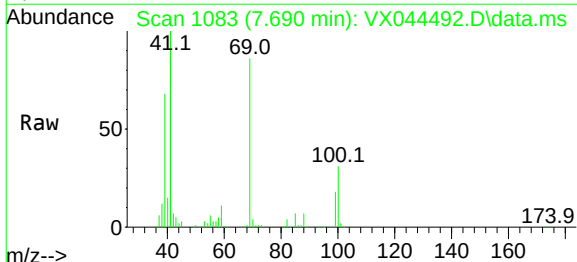
Manual Integrations  
APPROVED

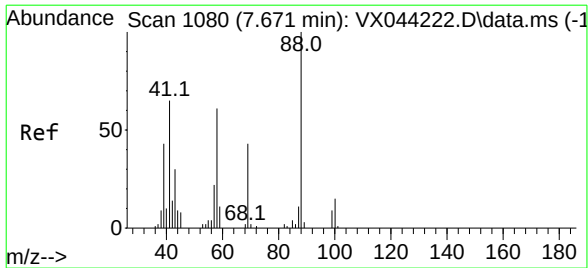
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#48  
Methyl methacrylate  
Concen: 43.837 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

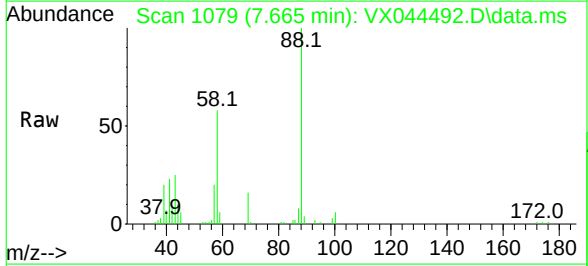
Tgt Ion: 41 Resp: 85907  
Ion Ratio Lower Upper  
41 100  
69 84.0 62.4 93.6  
39 65.7 53.3 79.9





#49  
1,4-Dioxane  
Concen: 982.728 ug/l  
RT: 7.665 min Scan# 1080  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

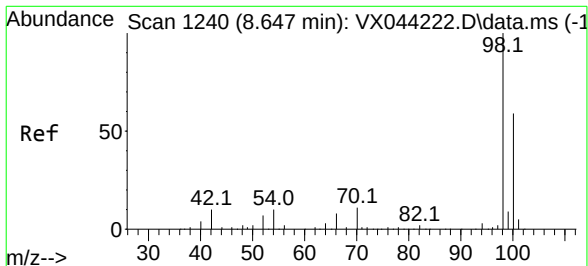
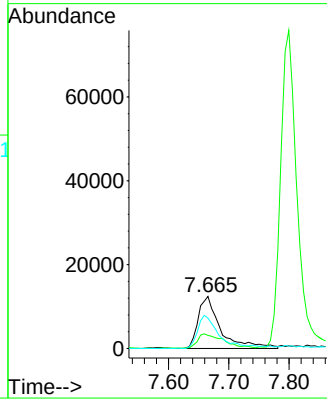
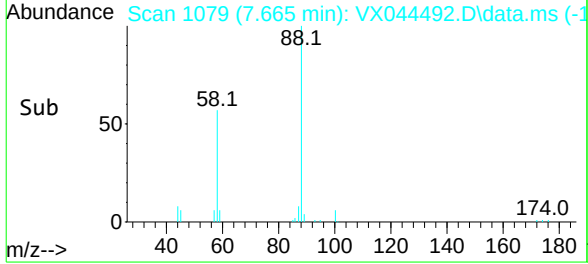
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 88 Resp: 31930  
Ion Ratio Lower Upper  
88 100  
43 32.0 27.1 40.7  
58 58.7 41.0 61.4

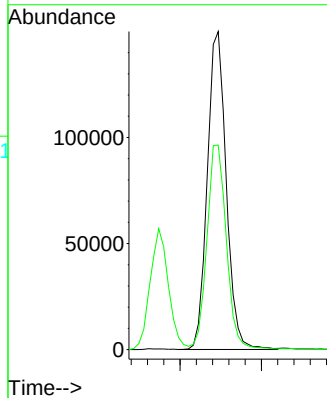
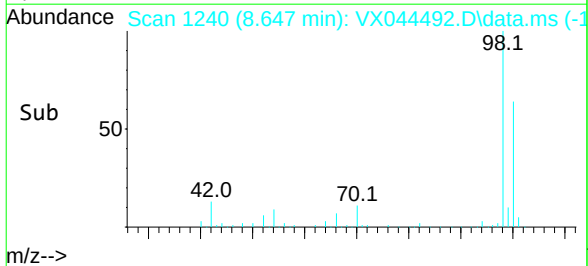
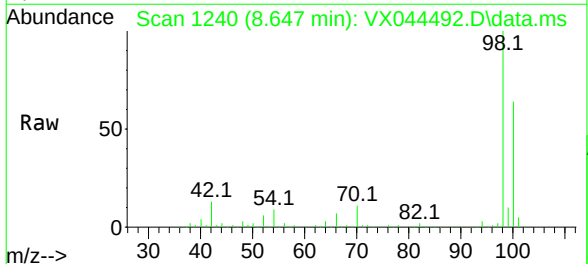
Manual Integrations  
APPROVED

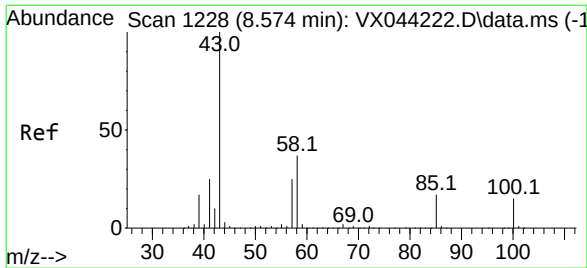
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#50  
Toluene-d8  
Concen: 44.446 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 98 Resp: 242389  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 214.305 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 556283

Ion Ratio Lower Upper

43 100

58 37.7 29.4 44.0

Instrument :

MSVOA\_X

ClientSampleId :

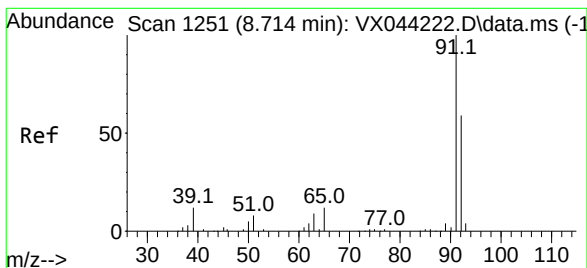
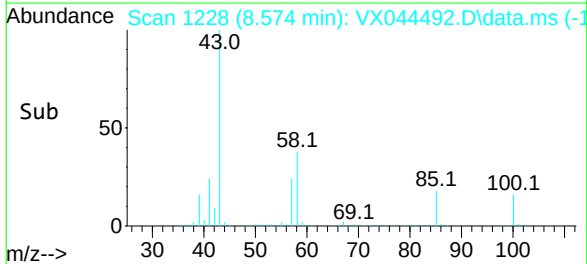
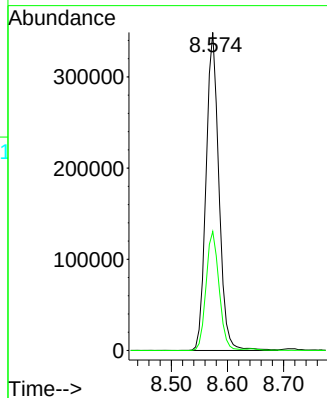
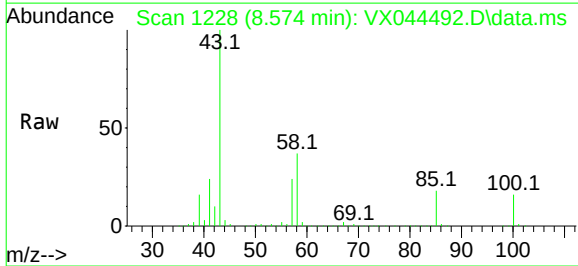
VSTDCCC050EC

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#52

Toluene

Concen: 50.524 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044492.D

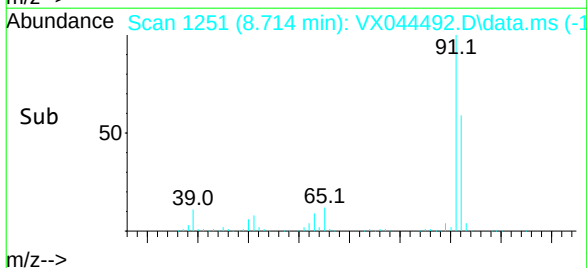
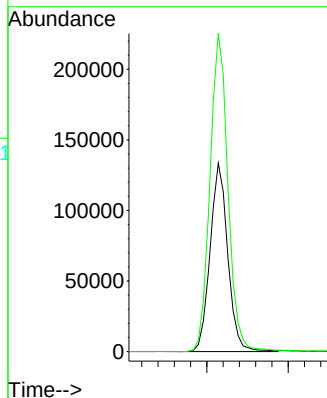
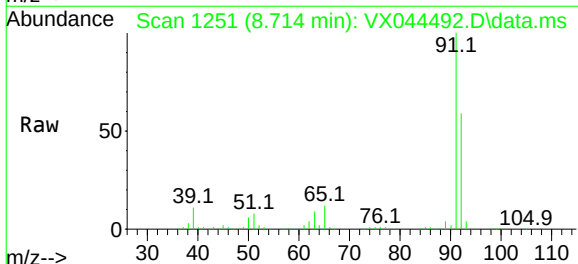
Acq: 23 Dec 2024 19:49

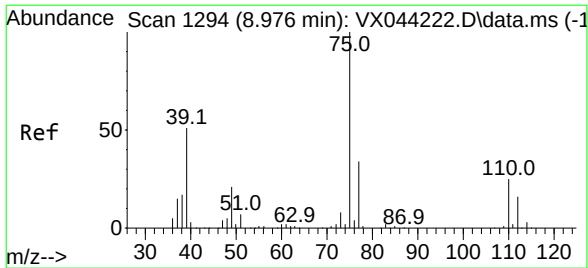
Tgt Ion: 92 Resp: 201289

Ion Ratio Lower Upper

92 100

91 172.6 137.0 205.6





#53  
 t-1,3-Dichloropropene  
 Concen: 47.186 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

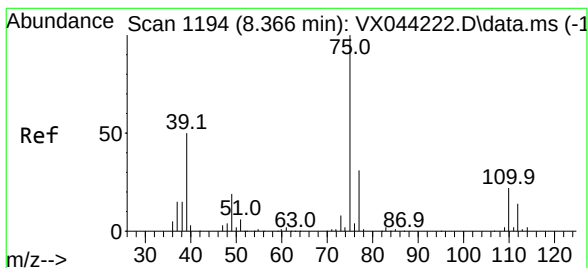
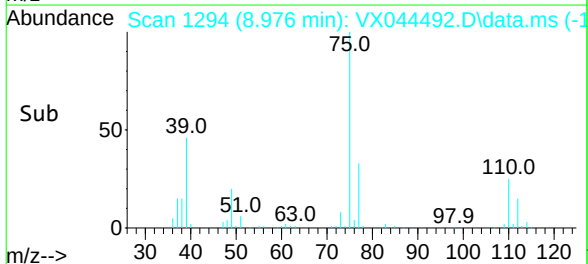
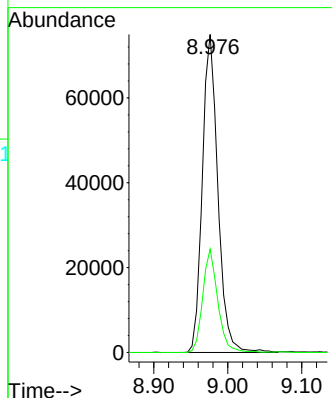
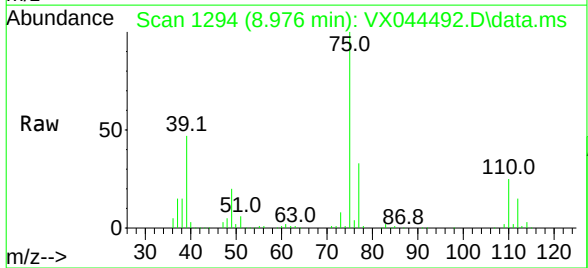
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 109547  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 27.2 40.8

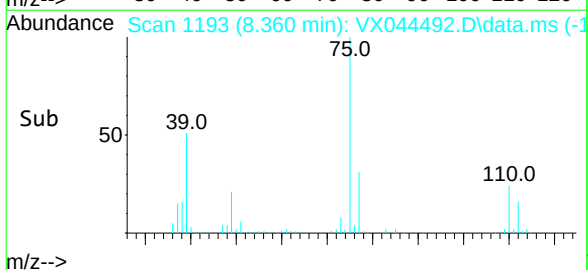
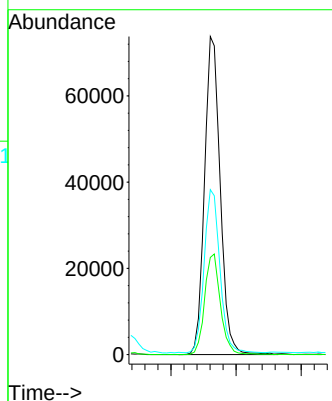
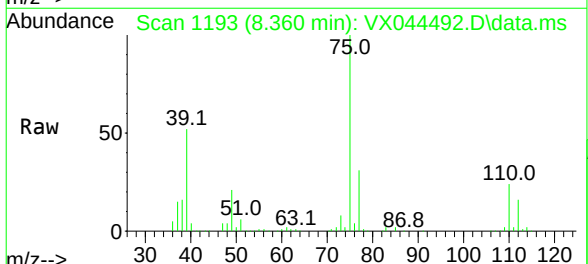
Manual Integrations  
 APPROVED

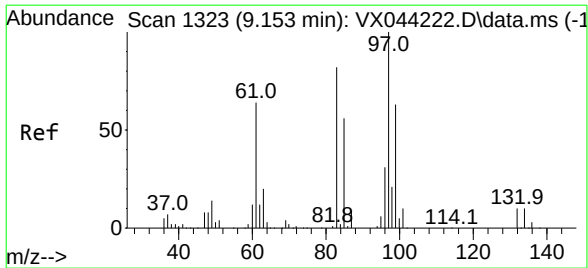
Reviewed By :John Carlone 12/26/2024  
 Supervised By :Mahesh Dadoda 12/26/2024



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.242 ug/l  
 RT: 8.360 min Scan# 1193  
 Delta R.T. -0.006 min  
 Lab File: VX044492.D  
 Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 123531  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 24.7 37.1  
 39 51.2 40.3 60.5





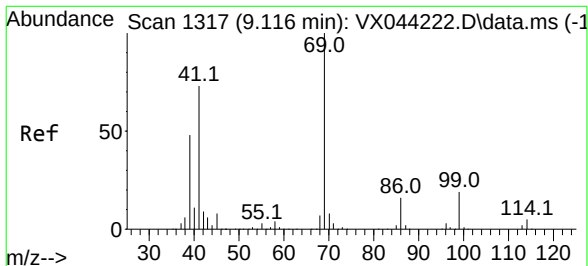
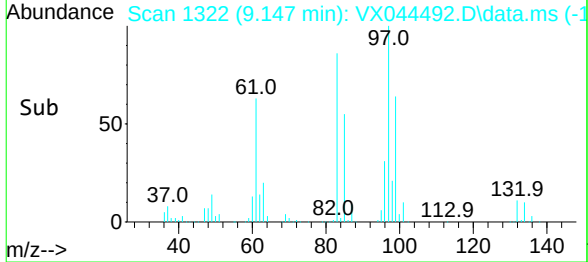
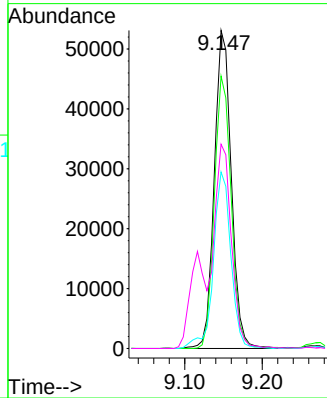
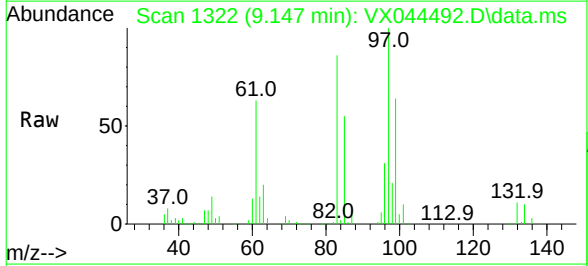
#55  
1,1,2-Trichloroethane  
Concen: 51.140 ug/l  
RT: 9.147 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 80941 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 65.3  | 97.9  |
| 85       | 55.5  | 44.6  | 67.0  |
| 99       | 64.0  | 50.2  | 75.2  |

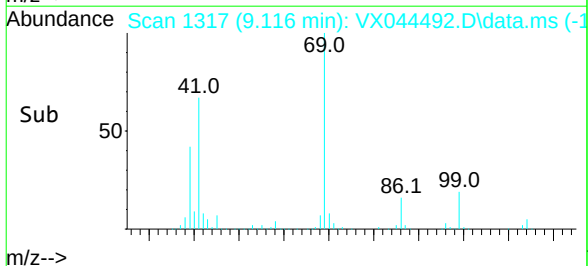
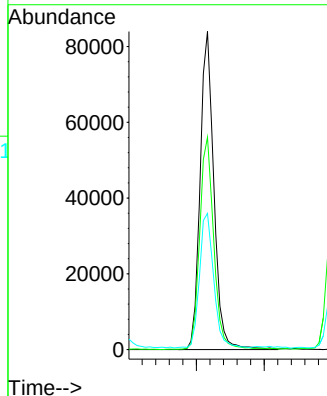
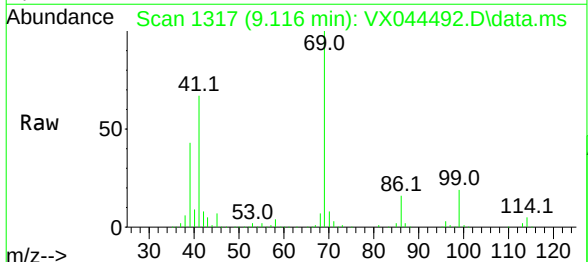
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024

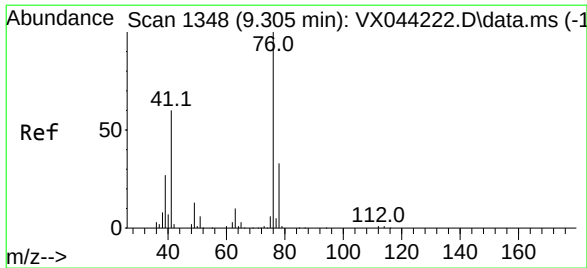


#56  
Ethyl methacrylate  
Concen: 47.418 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 118479 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.8  | 56.6  | 85.0   |
| 39       | 43.7  | 37.4  | 56.0   |

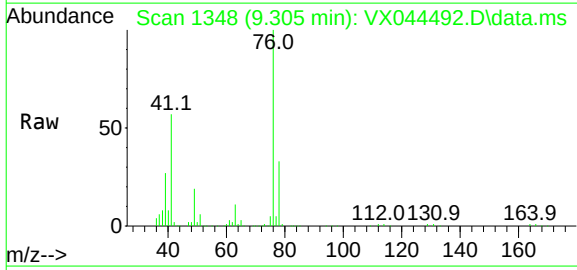






#57  
1,3-Dichloropropane  
Concen: 48.972 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

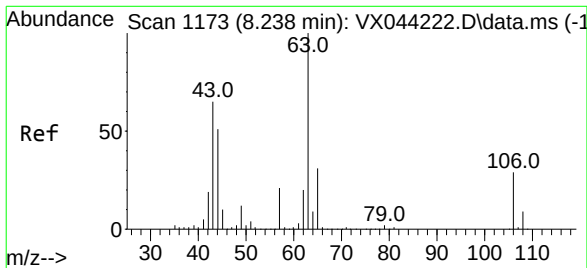
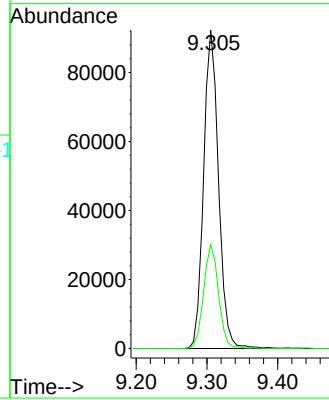
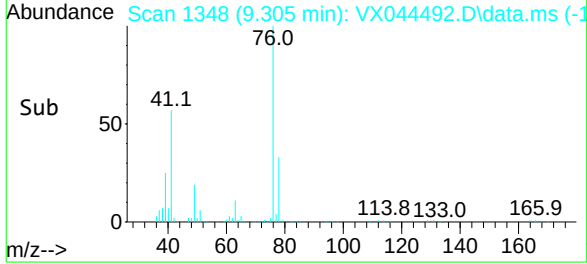
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 134913  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.5 39.7

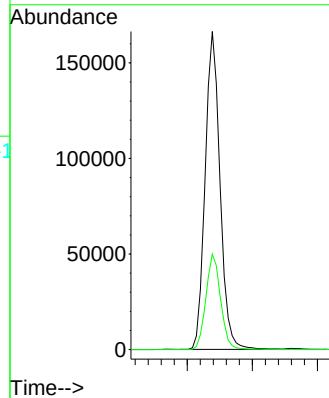
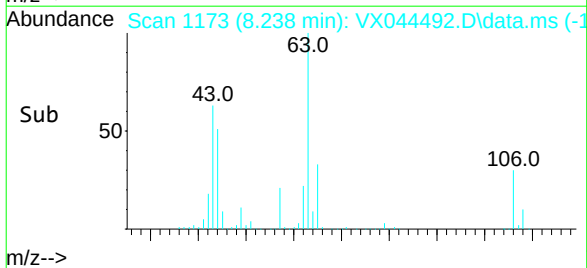
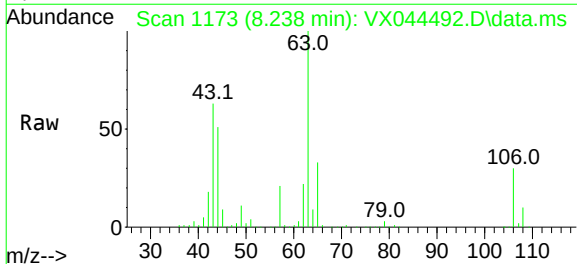
Manual Integrations  
APPROVED

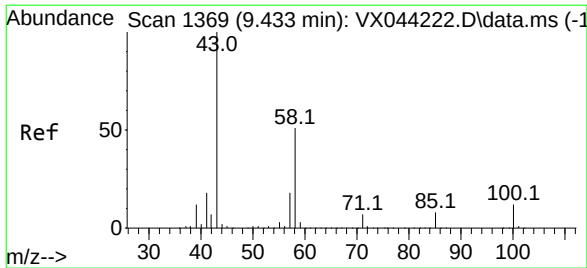
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 209.048 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 63 Resp: 263448  
Ion Ratio Lower Upper  
63 100  
106 29.8 22.8 34.2





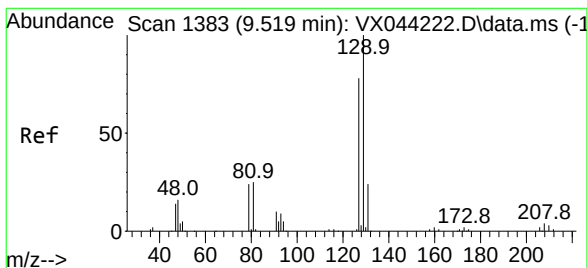
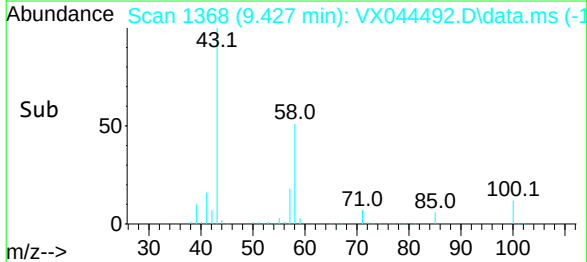
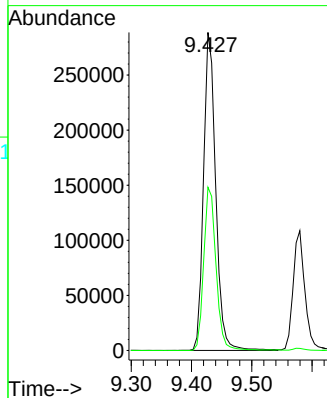
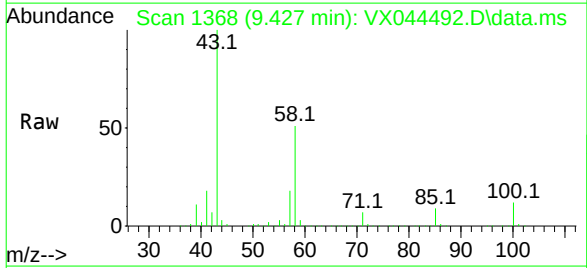
#59  
2-Hexanone  
Concen: 214.776 ug/l  
RT: 9.427 min Scan# 1369  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 403537  
Ion Ratio Lower Upper  
43 100  
58 52.2 25.7 77.0

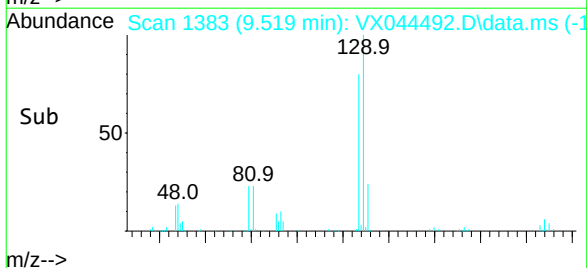
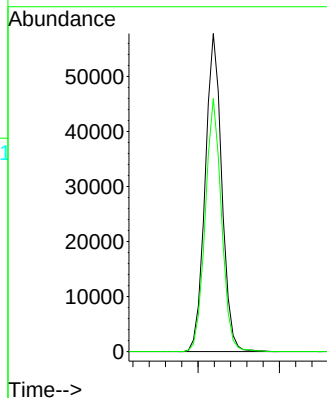
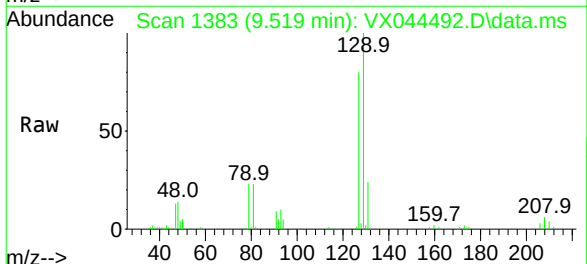
Manual Integrations  
APPROVED

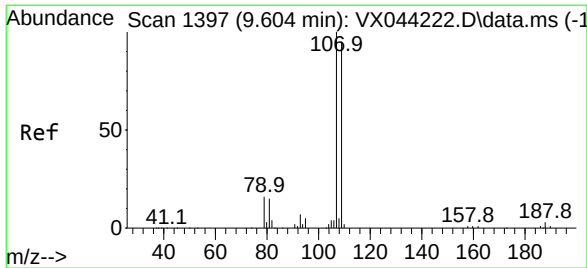
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#60  
Dibromochloromethane  
Concen: 48.943 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion:129 Resp: 81910  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.3





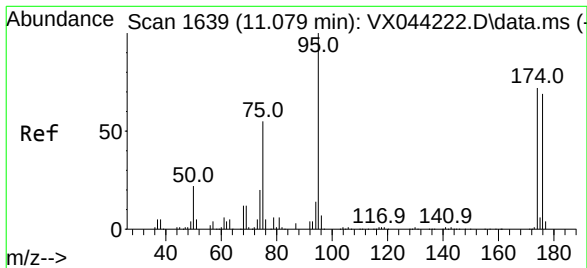
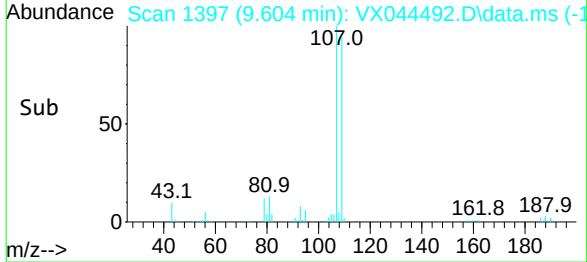
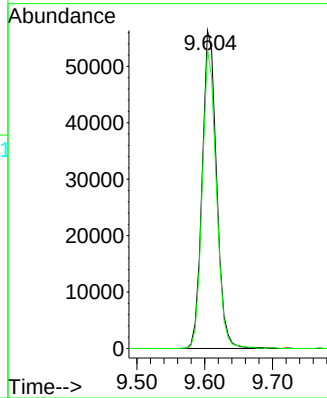
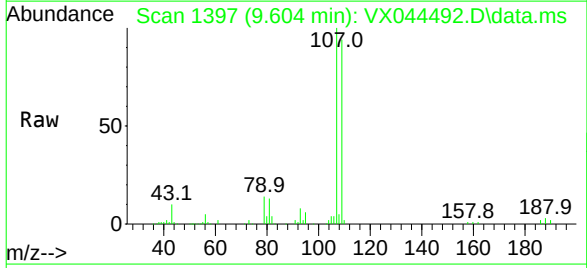
#61  
1,2-Dibromoethane  
Concen: 51.675 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 107 Resp: 83256  
Ion Ratio Lower Upper  
107 100  
109 92.1 77.0 115.4

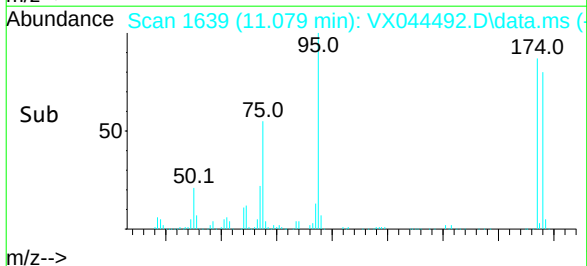
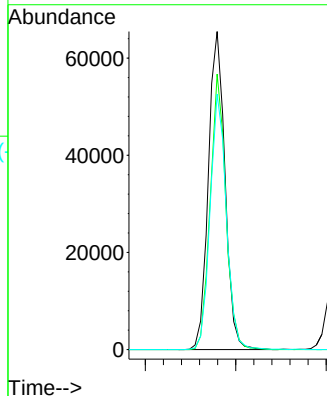
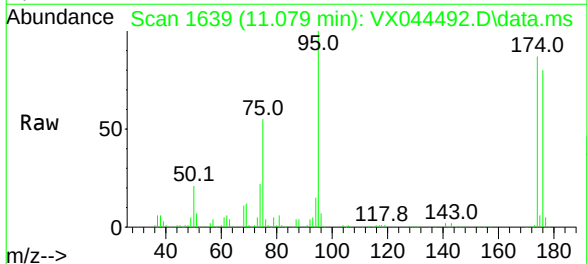
Manual Integrations  
APPROVED

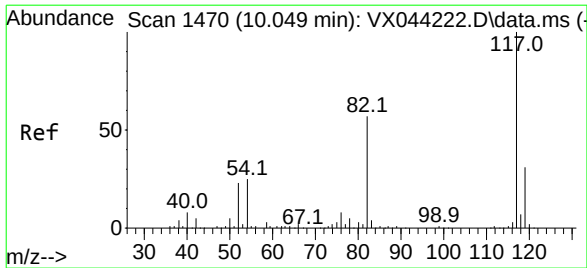
Reviewed By : John Carlone 12/26/2024  
Supervised By : Mahesh Dadoda 12/26/2024



#62  
4-Bromofluorobenzene  
Concen: 43.908 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 95 Resp: 83671  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 145.8  
176 78.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

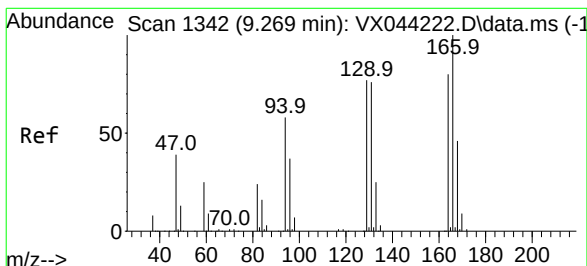
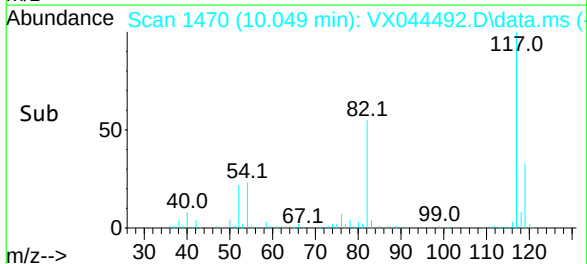
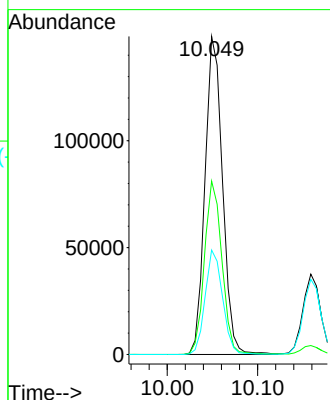
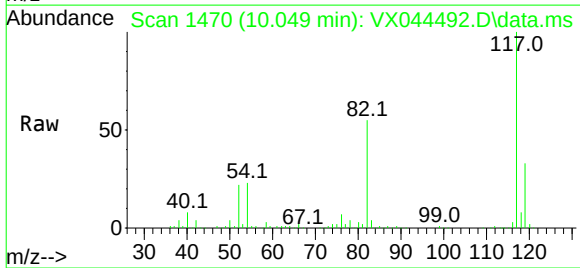
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 200491 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.5  | 45.8  | 68.8   |
| 119      | 32.8  | 25.0  | 37.4   |

Manual Integrations

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Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 54.558 ug/l

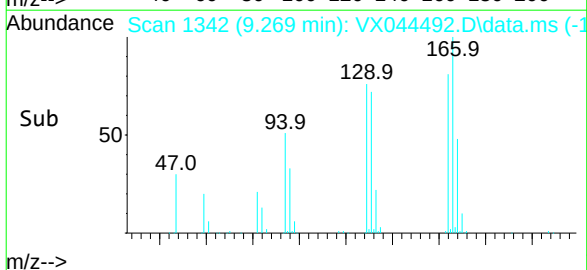
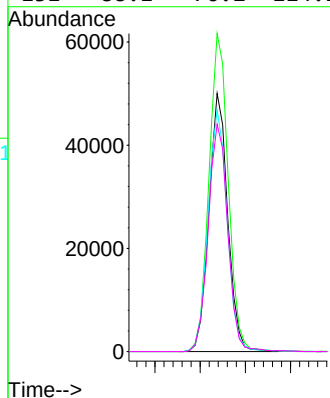
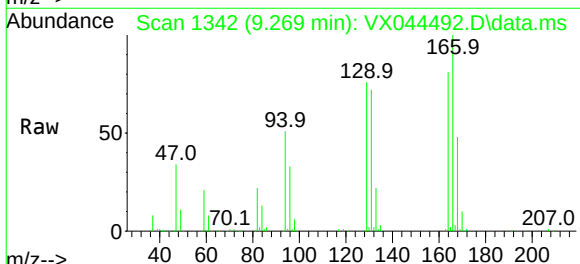
RT: 9.269 min Scan# 1342

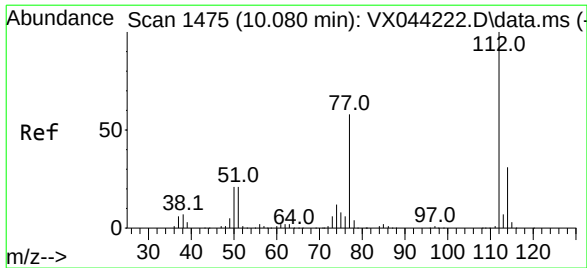
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 72600 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 123.2 | 100.4 | 150.6 |
| 129      | 93.6  | 77.2  | 115.8 |
| 131      | 88.1  | 76.2  | 114.2 |





#65

Chlorobenzene

Concen: 51.470 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 221119

Ion Ratio Lower Upper

112 100

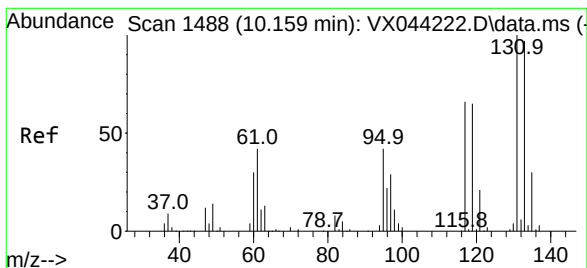
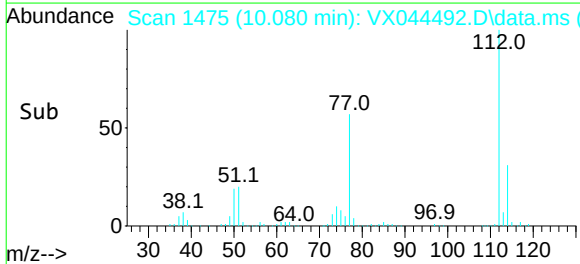
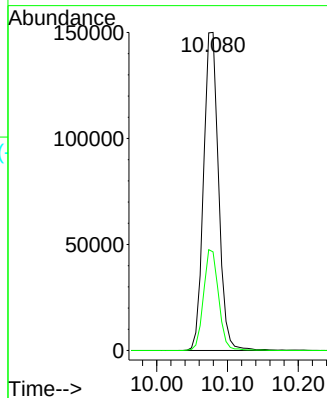
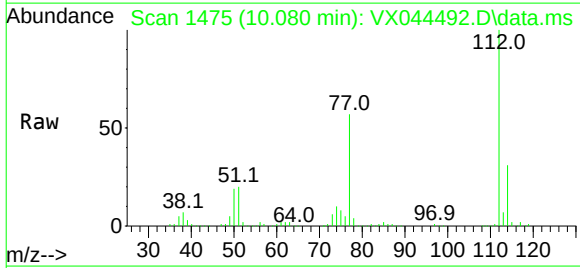
114 31.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.615 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

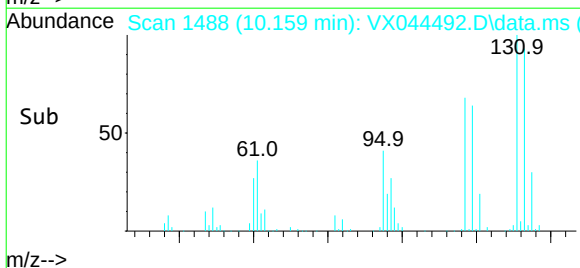
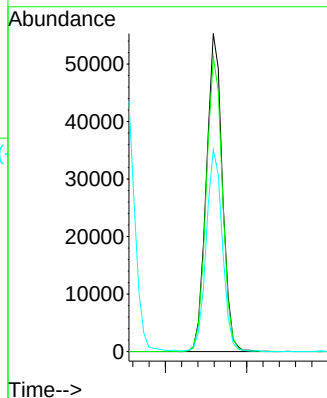
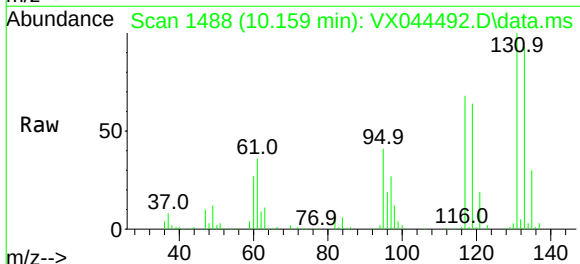
Tgt Ion:131 Resp: 75407

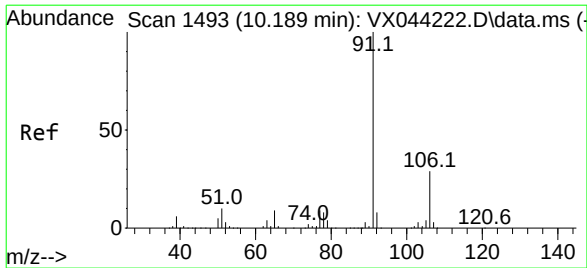
Ion Ratio Lower Upper

131 100

133 93.5 47.3 141.8

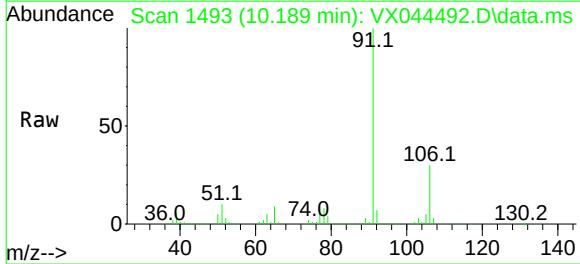
119 64.0 31.6 95.0





#67  
Ethyl Benzene  
Concen: 50.731 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

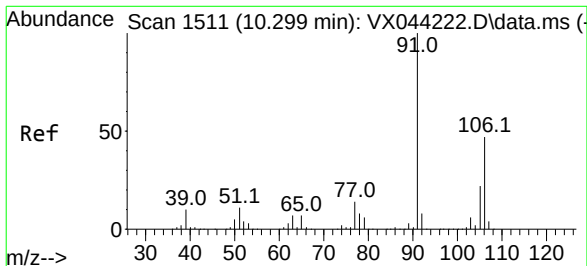
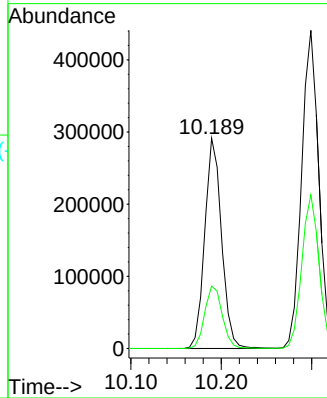
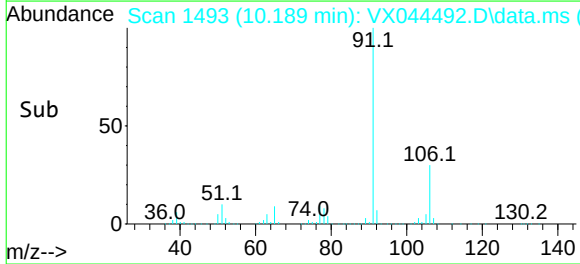
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



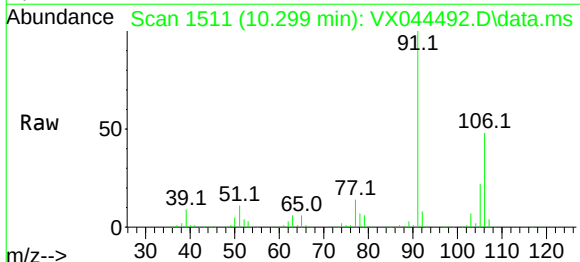
Tgt Ion: 91 Resp: 376573  
Ion Ratio Lower Upper  
91 100  
106 29.7 23.5 35.3

Manual Integrations  
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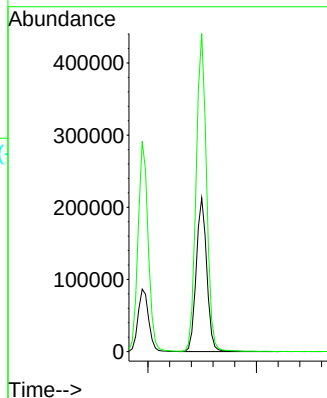
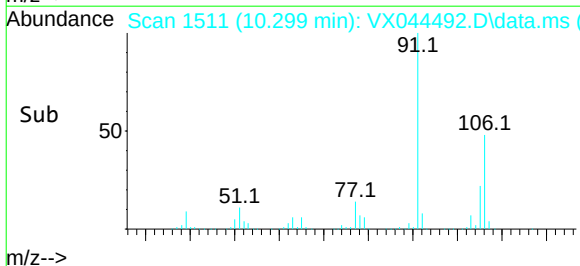
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024

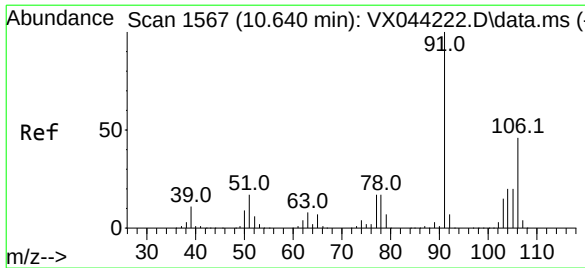


#68  
m/p-Xylenes  
Concen: 105.040 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49



Tgt Ion:106 Resp: 286106  
Ion Ratio Lower Upper  
106 100  
91 203.9 170.2 255.2





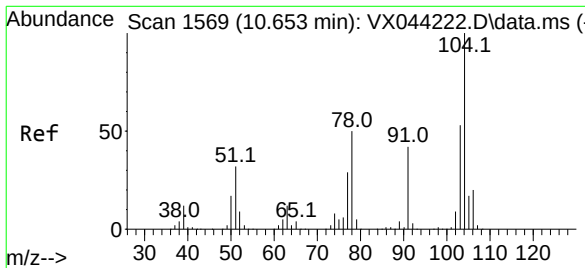
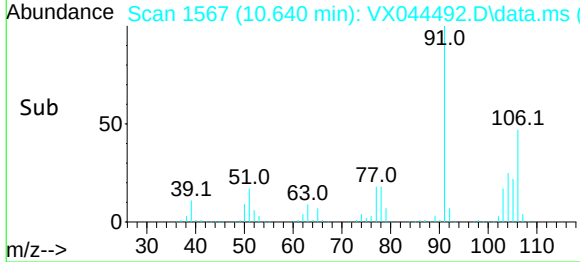
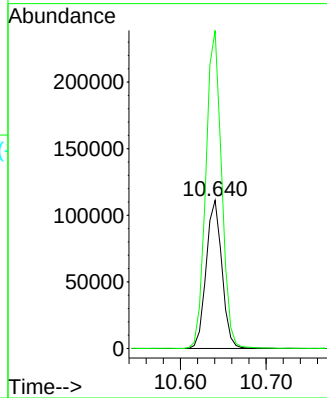
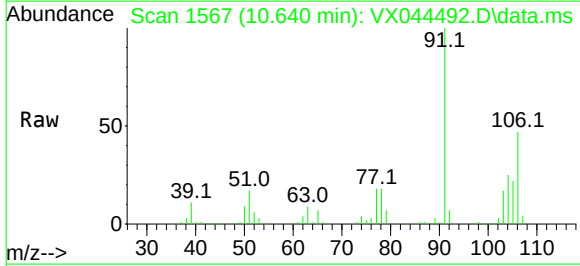
#69  
o-Xylene  
Concen: 51.527 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 142004  
Ion Ratio Lower Upper  
106 100  
91 215.0 112.3 337.0

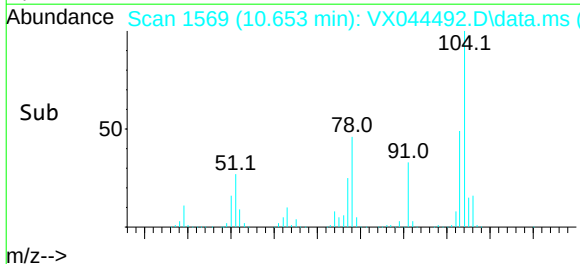
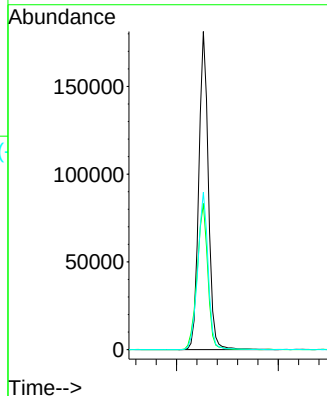
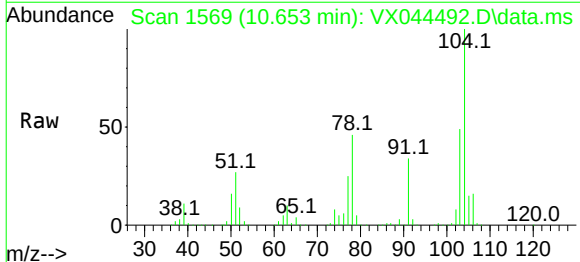
Manual Integrations  
APPROVED

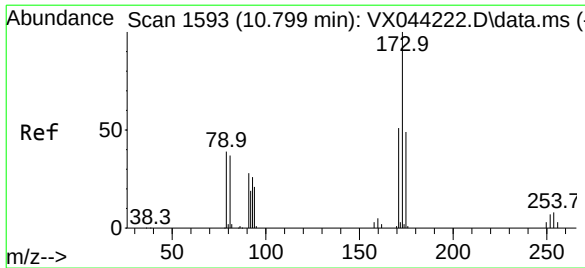
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#70  
Styrene  
Concen: 53.584 ug/l  
RT: 10.653 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion:104 Resp: 236734  
Ion Ratio Lower Upper  
104 100  
78 51.2 44.6 67.0  
103 53.6 45.4 68.0





#71

Bromoform

Concen: 50.746 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

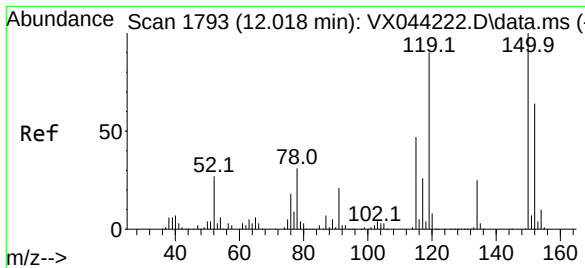
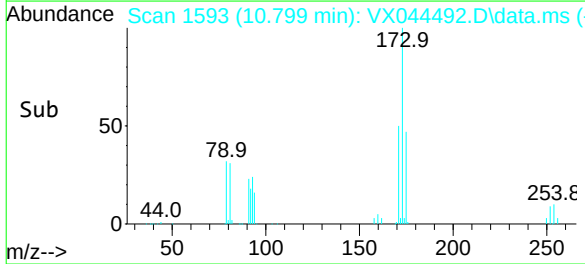
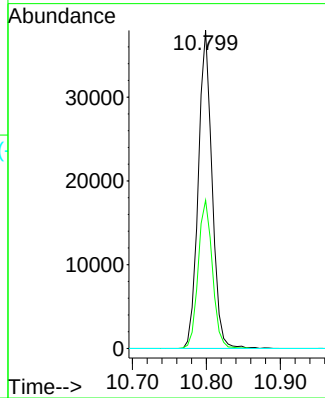
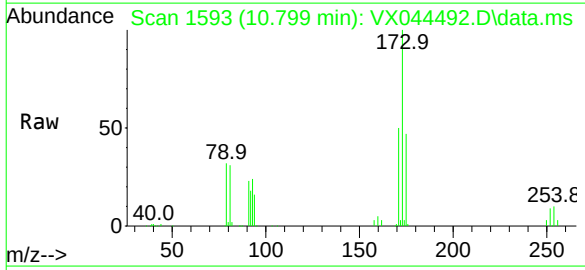
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 49054 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.3  | 23.8  | 71.4  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

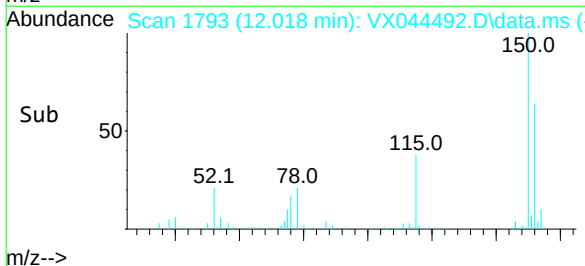
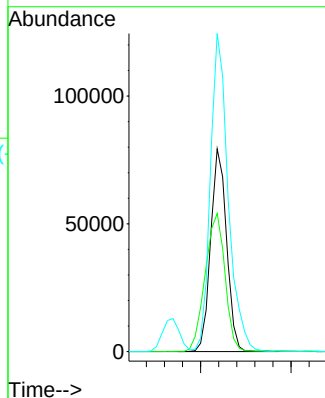
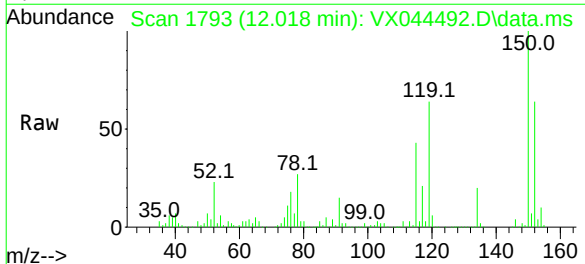
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

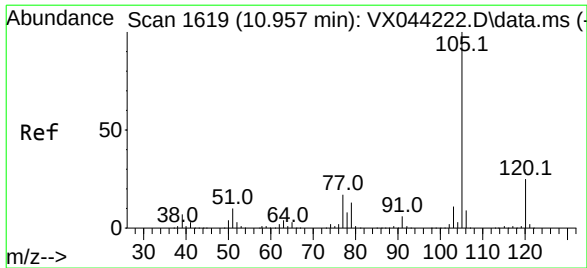
Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 97321 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 84.8  | 44.5  | 133.3 |
| 150       | 174.1 | 0.0   | 353.8 |







#73

Isopropylbenzene

Concen: 48.696 ug/l

RT: 10.958 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 362803

Ion Ratio Lower Upper

105 100

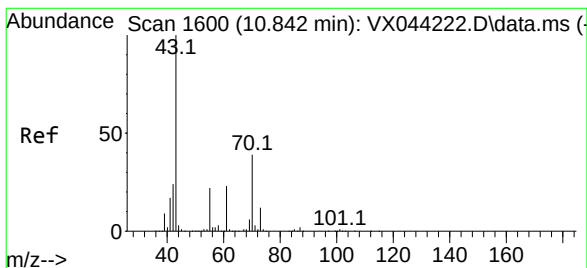
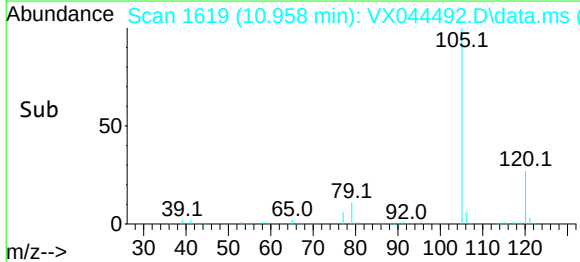
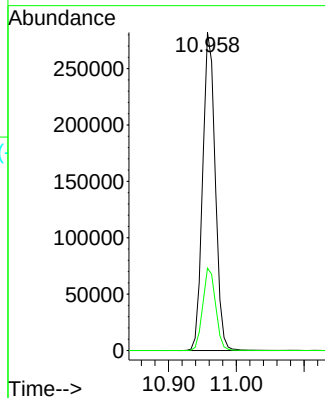
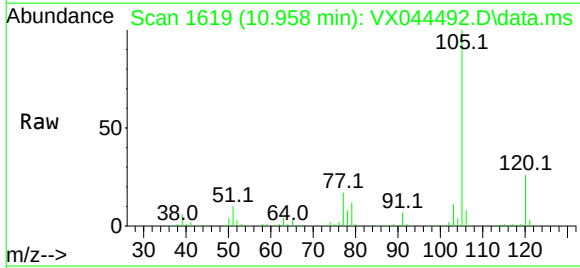
120 26.4 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 44.229 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Tgt Ion: 43 Resp: 152291

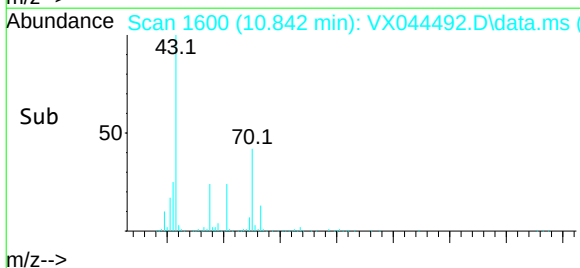
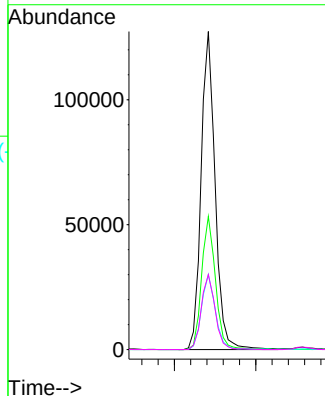
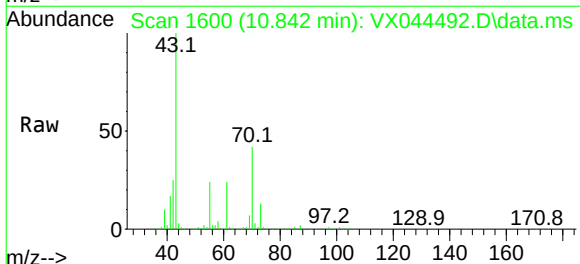
Ion Ratio Lower Upper

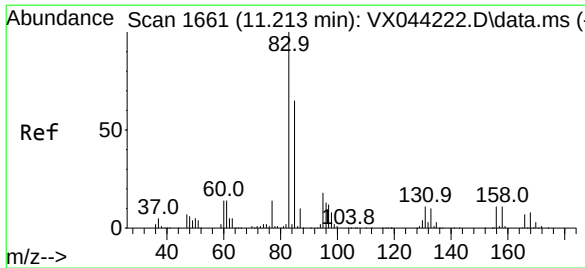
43 100

70 41.4 31.9 47.9

55 23.5 17.9 26.9

61 23.3 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 45.716 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

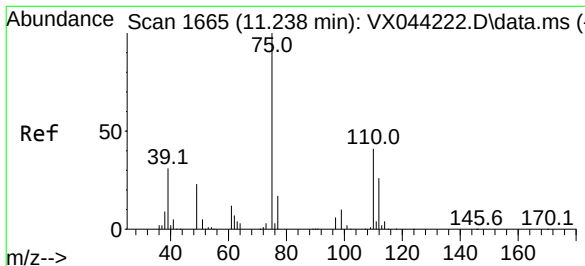
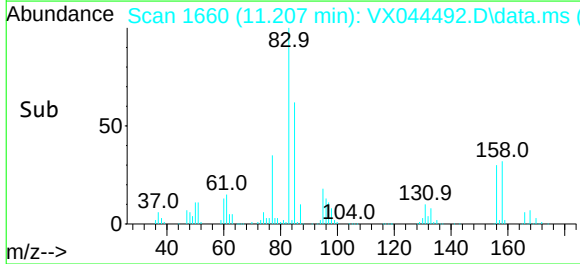
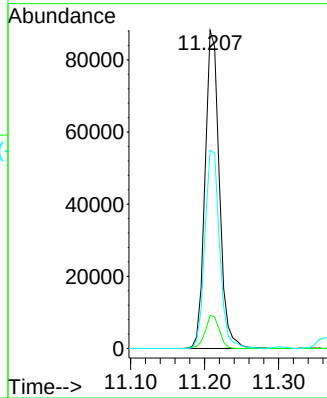
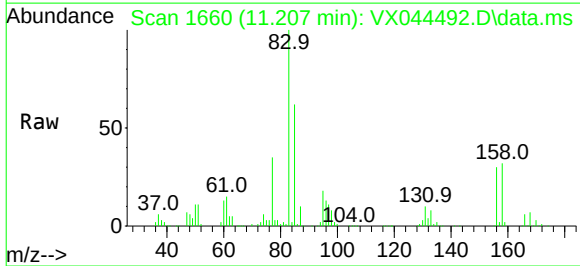
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 118300 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.3  | 5.1   | 15.4   |
| 85       | 64.2  | 32.5  | 97.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#76

1,2,3-Trichloropropane

Concen: 44.099 ug/l m

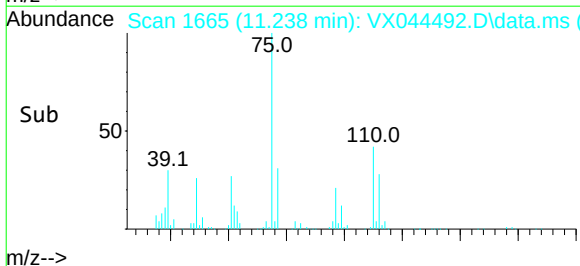
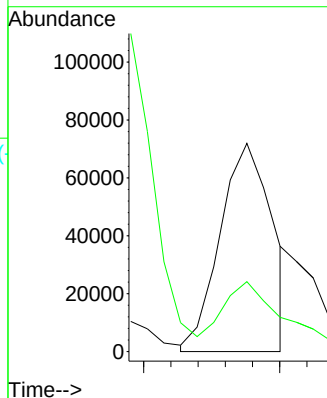
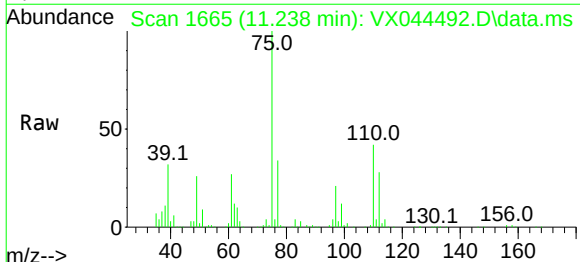
RT: 11.238 min Scan# 1665

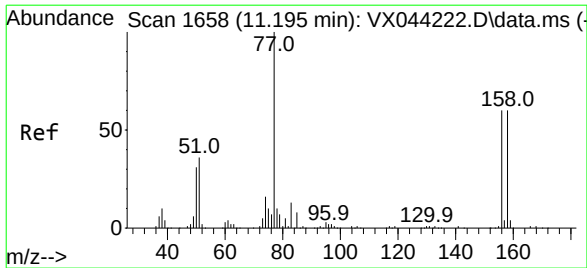
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 95824 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 40.5  | 20.9  | 62.7  |





#77

Bromobenzene

Concen: 50.455 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

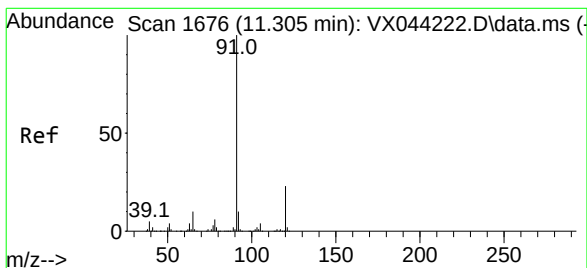
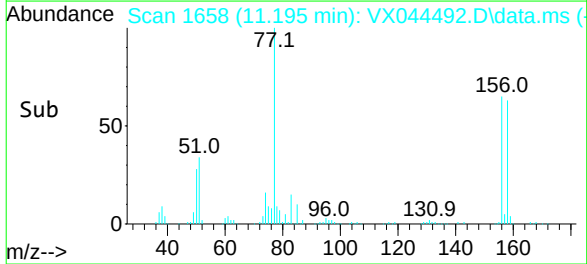
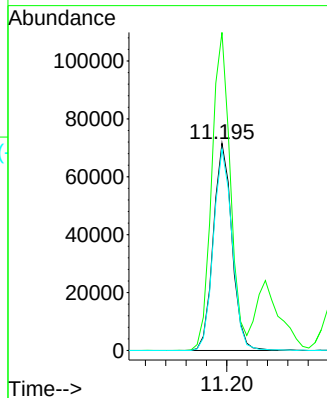
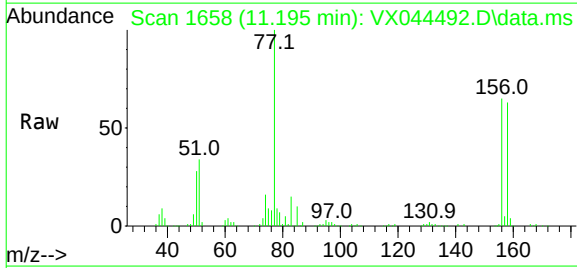
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 91156 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 153.3 | 82.6  | 247.8 |
| 158      | 97.5  | 48.8  | 146.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 50.048 ug/l

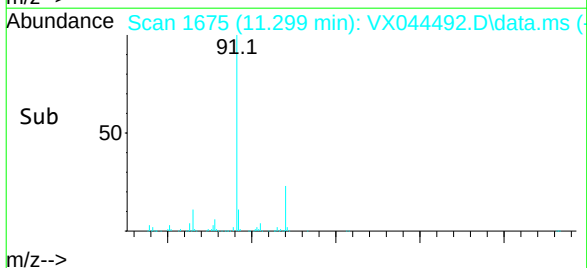
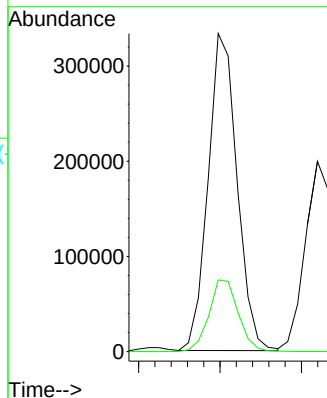
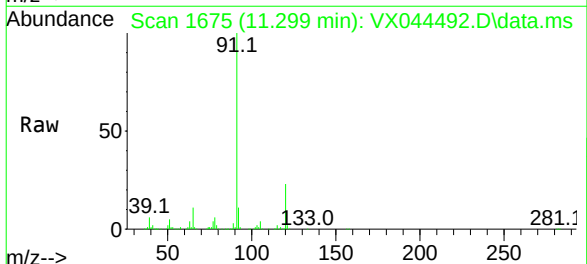
RT: 11.299 min Scan# 1675

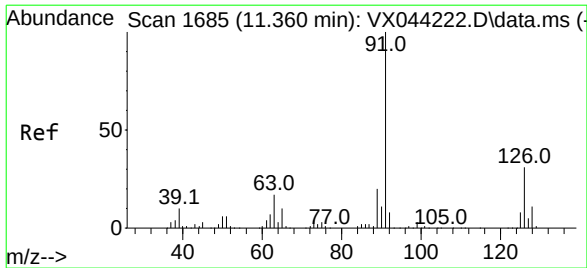
Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 412127 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 22.9  | 11.0  | 33.0   |





#79

2-Chlorotoluene

Concen: 47.209 ug/l

RT: 11.360 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 251412

Ion Ratio Lower Upper

91 100

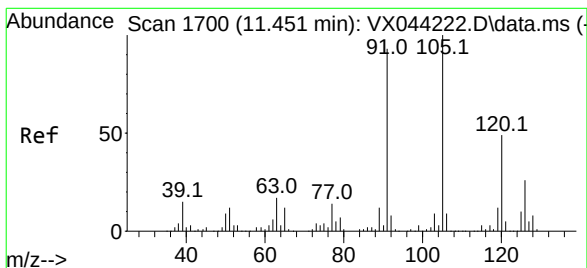
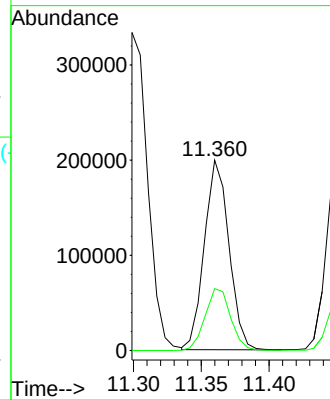
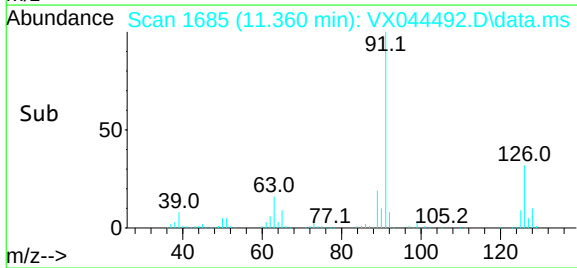
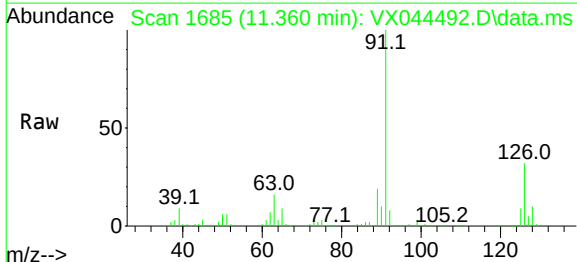
126 34.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.618 ug/l

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX044492.D

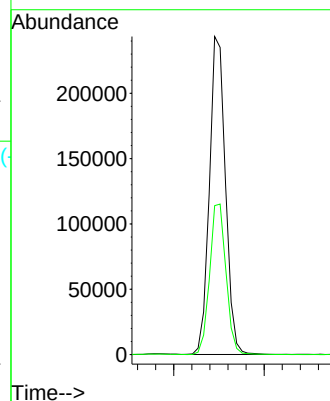
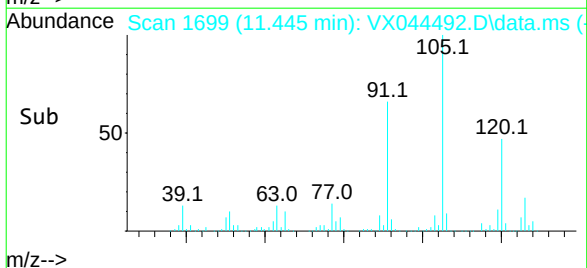
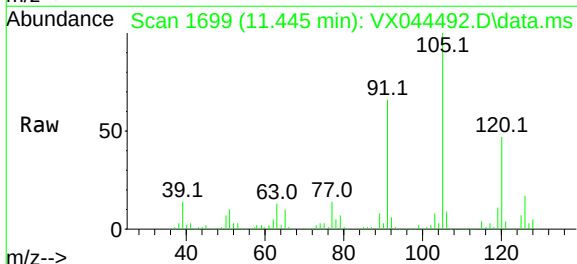
Acq: 23 Dec 2024 19:49

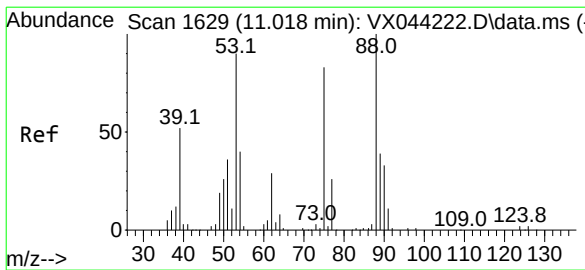
Tgt Ion:105 Resp: 300384

Ion Ratio Lower Upper

105 100

120 48.4 23.8 71.4





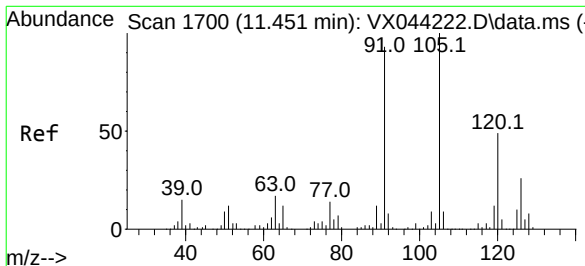
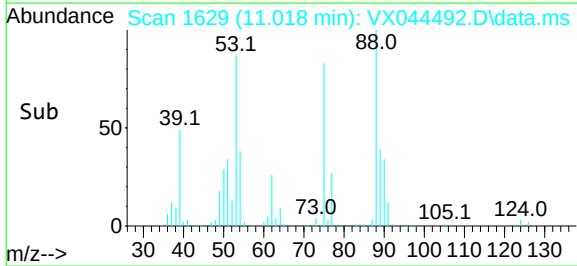
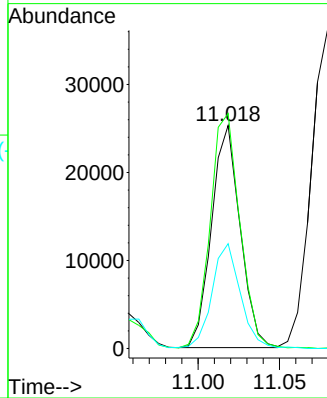
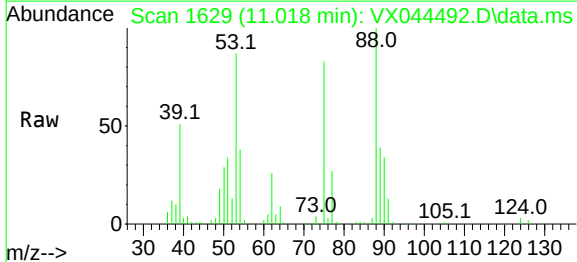
#81  
trans-1,4-Dichloro-2-butene  
Concen: 41.730 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 30857  
Ion Ratio Lower Upper  
75 100  
53 110.0 93.6 140.4  
89 47.2 37.3 55.9

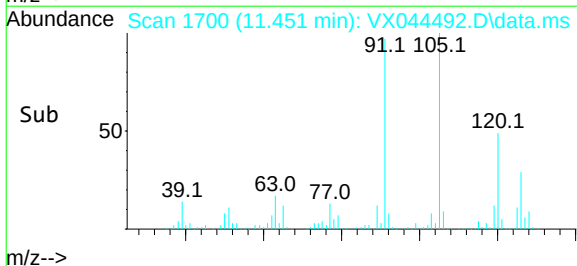
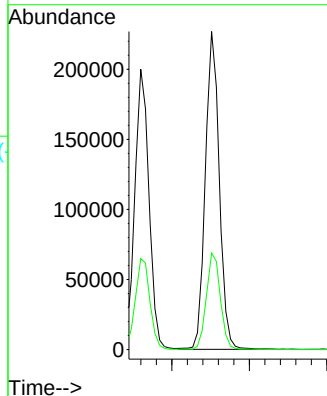
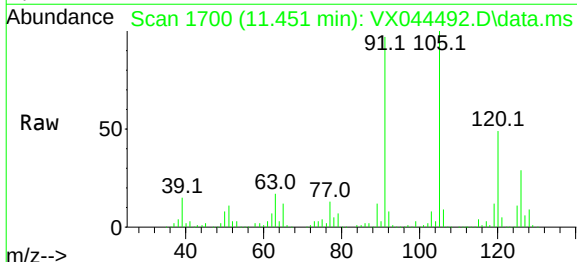
Manual Integrations  
APPROVED

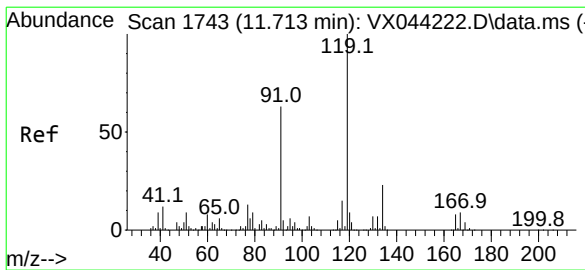
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#82  
4-Chlorotoluene  
Concen: 48.094 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 91 Resp: 283625  
Ion Ratio Lower Upper  
91 100  
126 30.7 14.5 43.5





#83

tert-Butylbenzene

Concen: 50.203 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

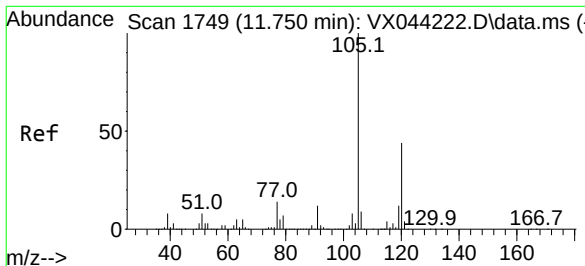
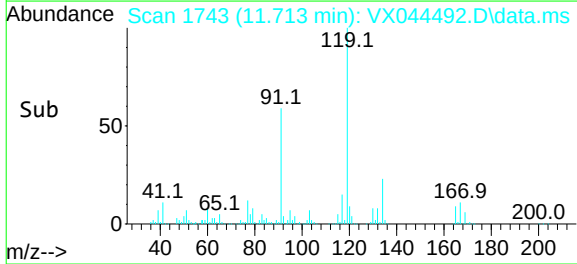
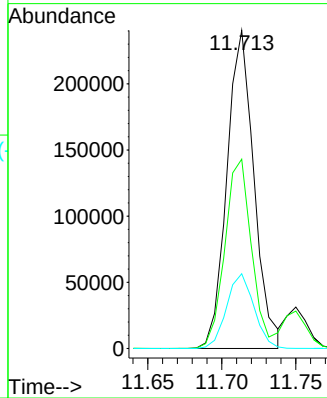
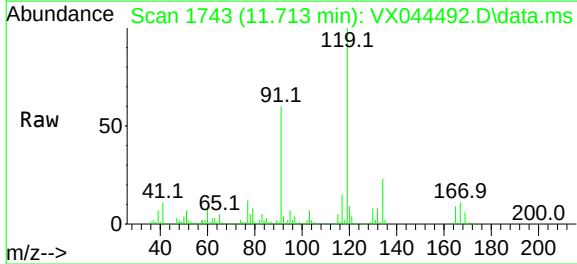
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 119   | Resp: | 306541 |
| Ion      | Ratio | Lower | Upper  |
| 119      | 100   |       |        |
| 91       | 58.2  | 30.9  | 92.5   |
| 134      | 23.8  | 11.5  | 34.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.368 ug/l

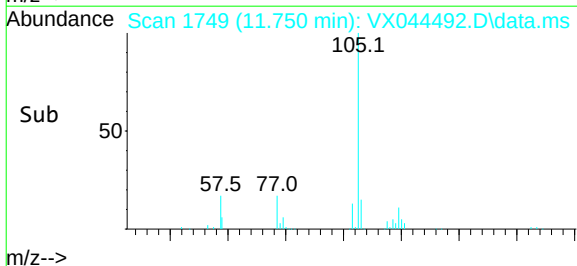
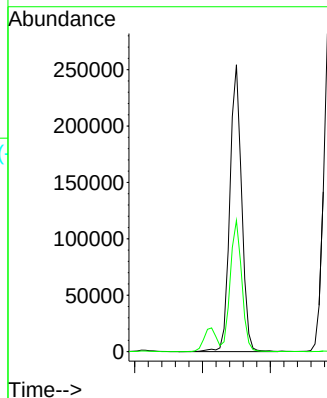
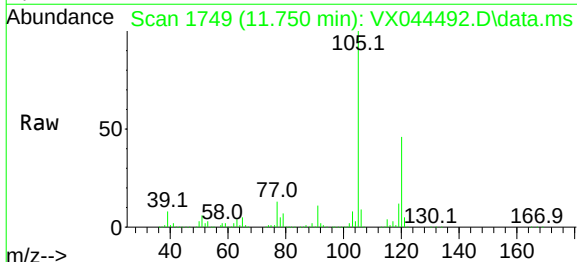
RT: 11.750 min Scan# 1749

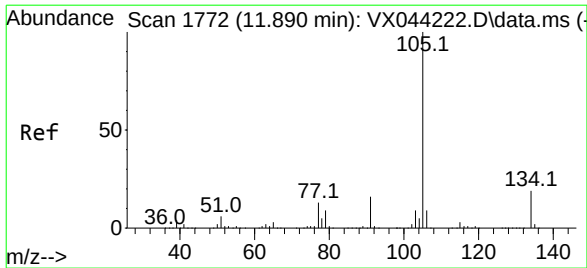
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 305617 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 120      | 45.0  | 21.7  | 65.1   |





#85

sec-Butylbenzene

Concen: 49.579 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 367512

Ion Ratio Lower Upper

105 100

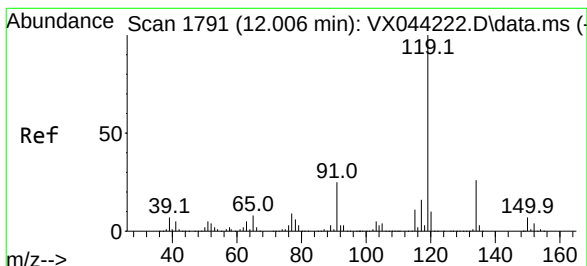
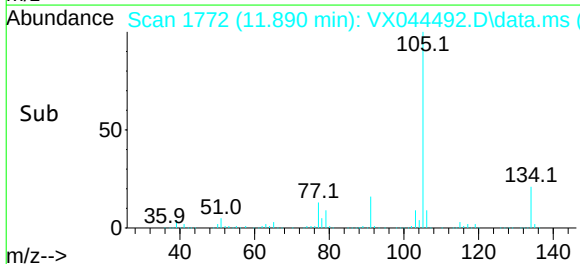
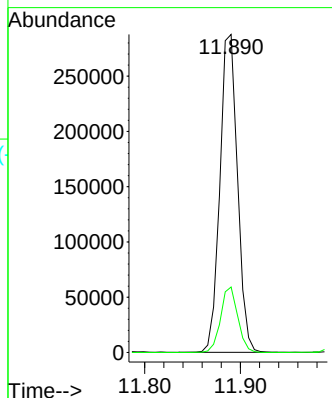
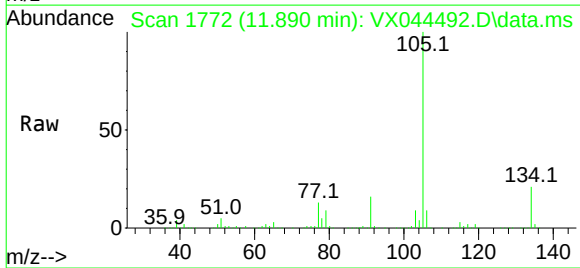
134 20.1 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 50.162 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

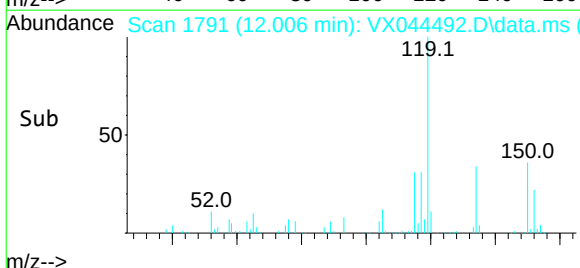
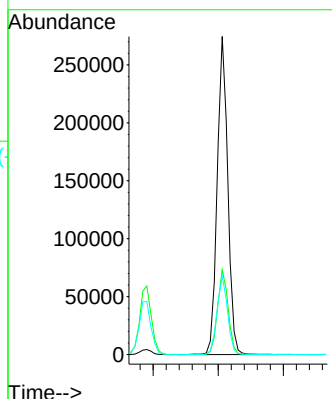
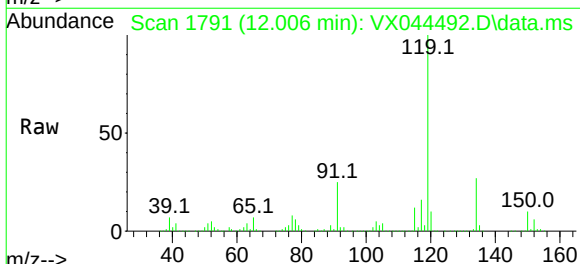
Tgt Ion:119 Resp: 309480

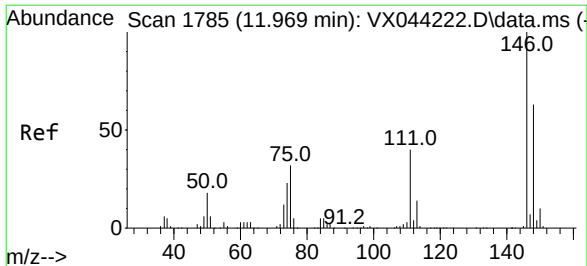
Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.4

91 24.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 51.562 ug/l

RT: 11.963 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

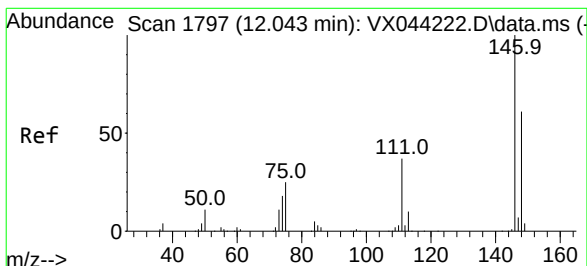
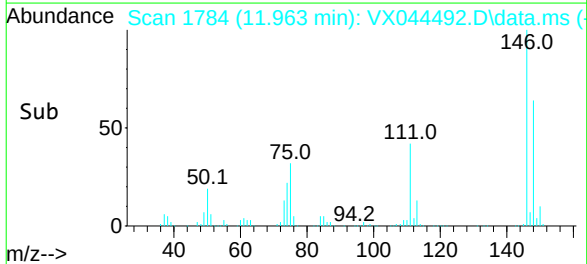
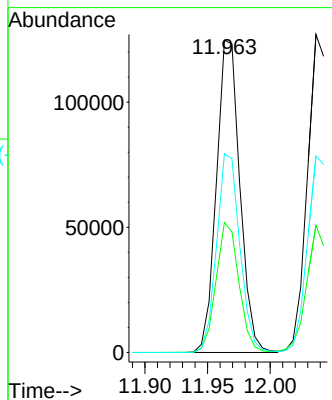
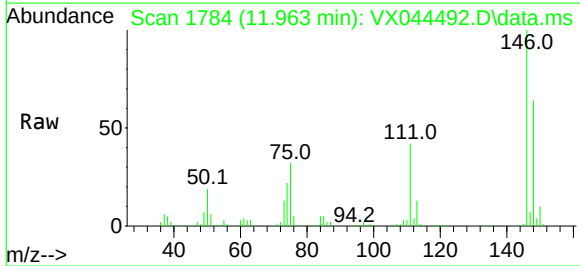
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:146 | Resp: | 162721 |
| Ion | Ratio   | Lower | Upper  |
| 146 | 100     |       |        |
| 111 | 40.6    | 21.4  | 64.2   |
| 148 | 63.1    | 31.7  | 95.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 50.314 ug/l

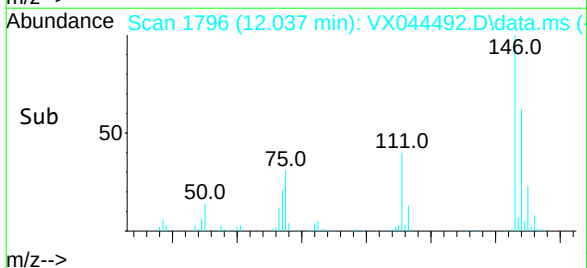
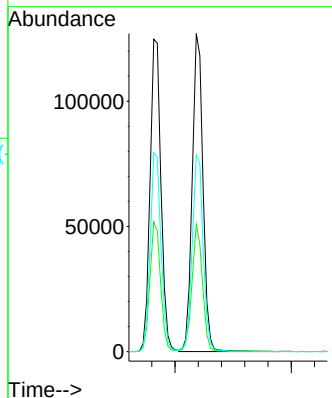
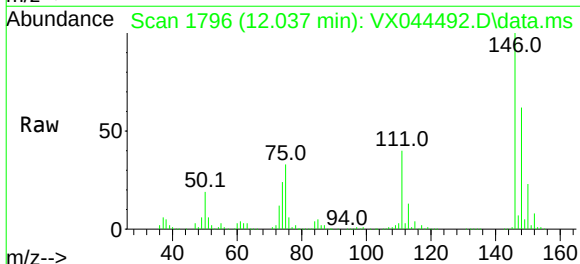
RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

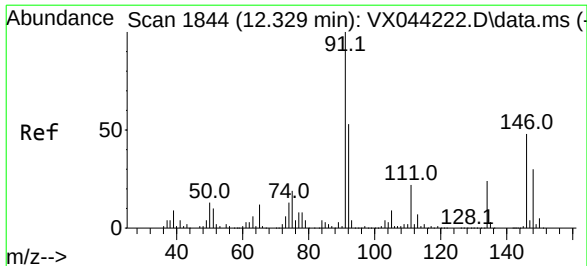
Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:146 | Resp: | 163225 |
| Ion | Ratio   | Lower | Upper  |
| 146 | 100     |       |        |
| 111 | 39.0    | 21.0  | 63.0   |
| 148 | 62.6    | 32.3  | 96.8   |







#89

n-Butylbenzene

Concen: 50.094 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

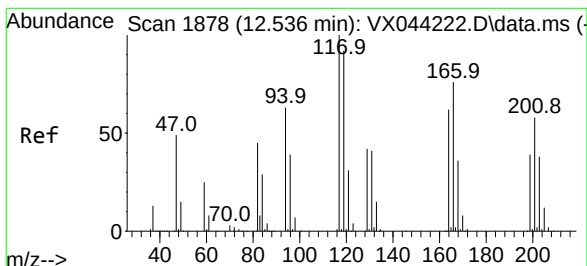
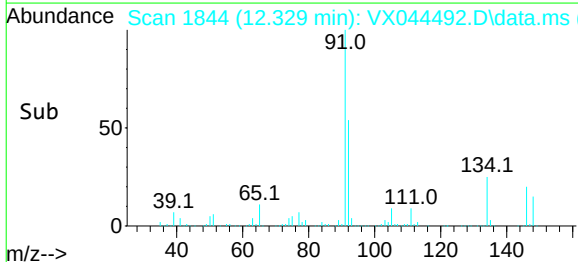
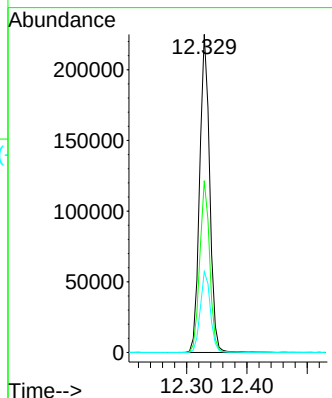
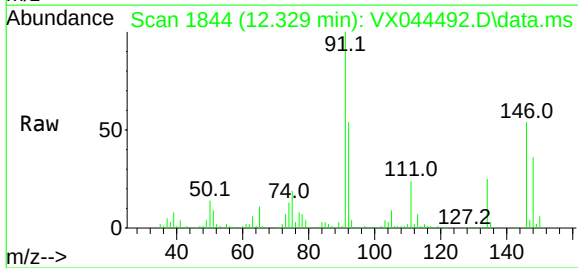
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 259880 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.5  | 26.6  | 79.7   |
| 134      | 25.7  | 12.6  | 37.8   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#90

Hexachloroethane

Concen: 52.126 ug/l

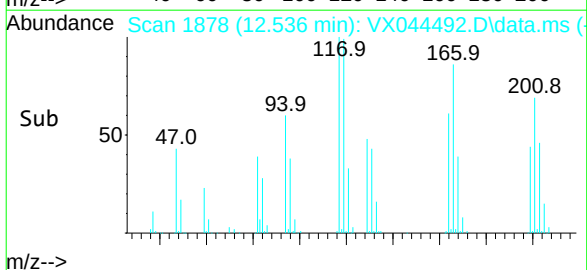
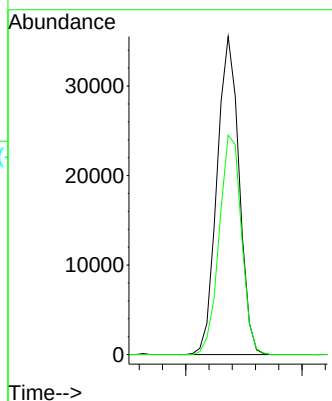
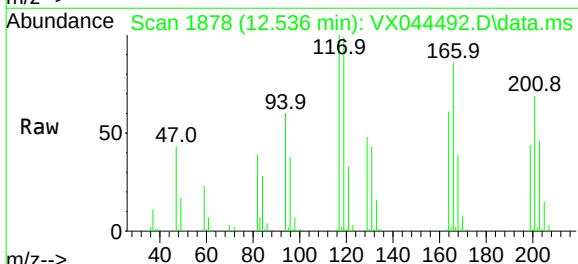
RT: 12.536 min Scan# 1878

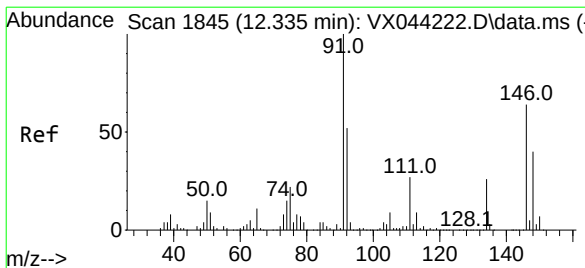
Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

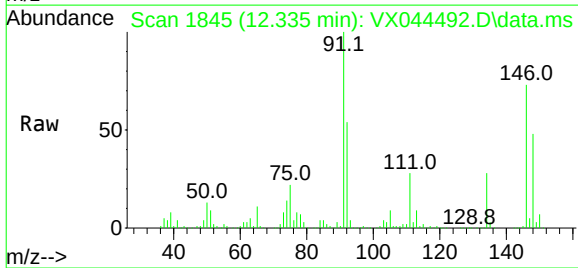
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46945 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 69.5  | 31.4  | 94.2  |





#91  
1,2-Dichlorobenzene  
Concen: 49.511 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

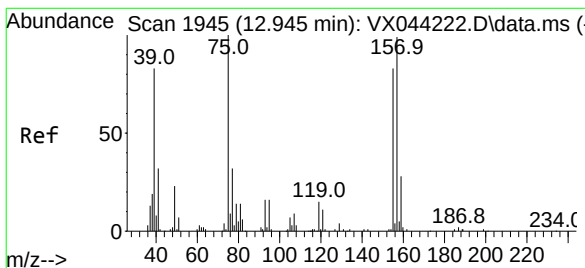
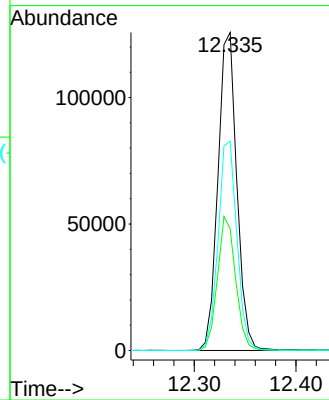
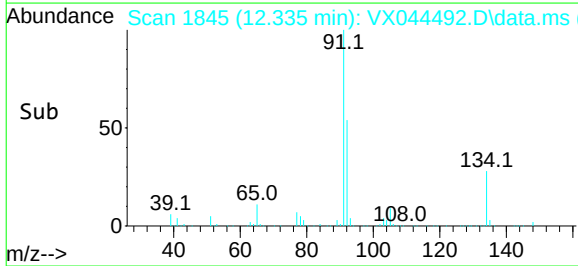
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:146 Resp: 162236  
Ion Ratio Lower Upper  
146 100  
111 40.7 21.4 64.3  
148 65.8 31.6 95.0

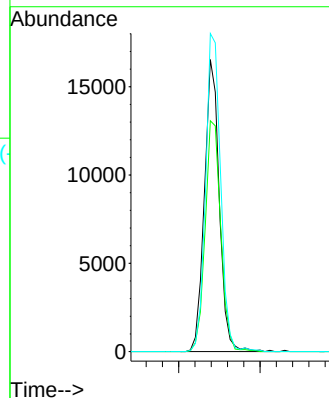
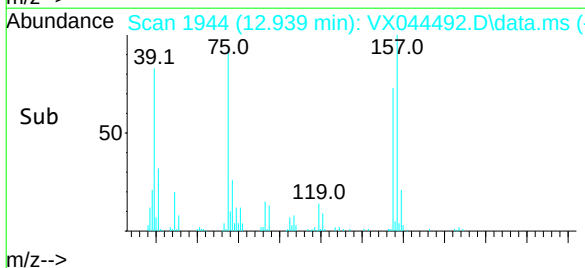
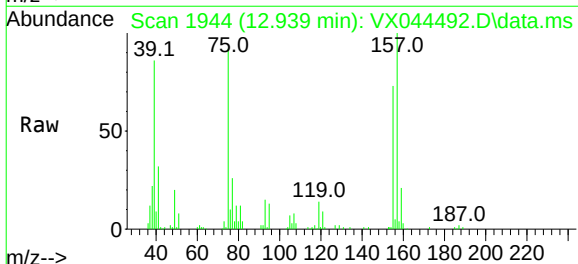
Manual Integrations  
APPROVED

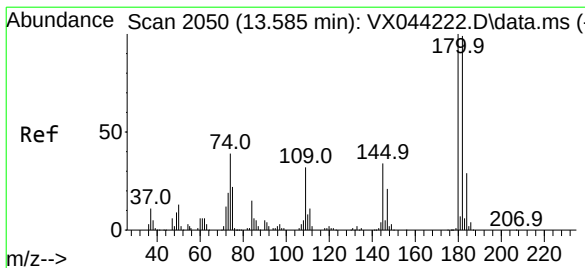
Reviewed By :John Carlone 12/26/2024  
Supervised By :Mahesh Dadoda 12/26/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.860 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX044492.D  
Acq: 23 Dec 2024 19:49

Tgt Ion: 75 Resp: 21028  
Ion Ratio Lower Upper  
75 100  
155 82.7 38.1 114.3  
157 110.0 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 54.137 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

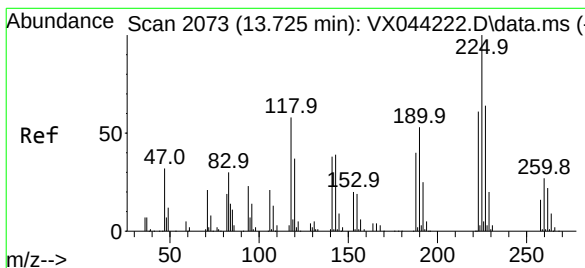
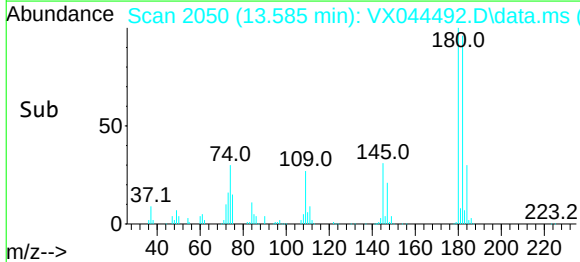
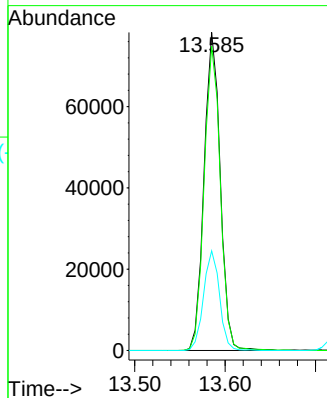
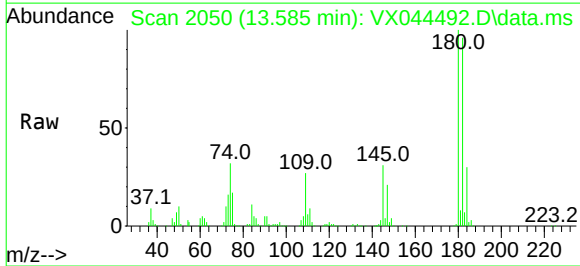
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 97256 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.6  | 48.0  | 144.2 |
| 145       | 31.0  | 16.6  | 49.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 55.660 ug/l

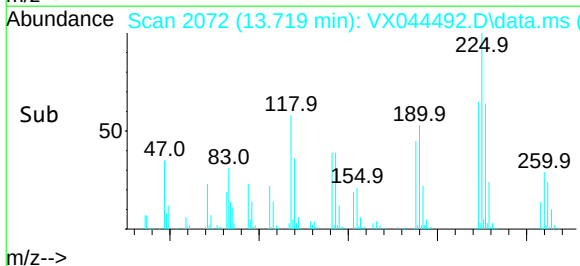
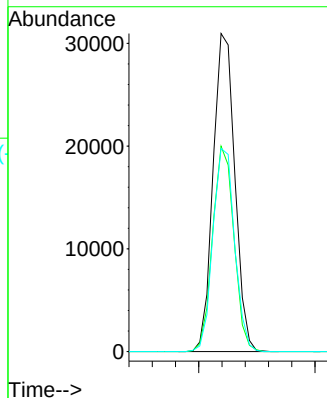
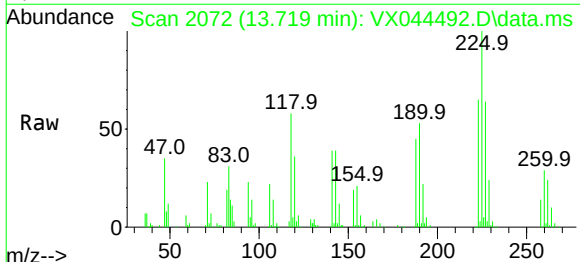
RT: 13.719 min Scan# 2072

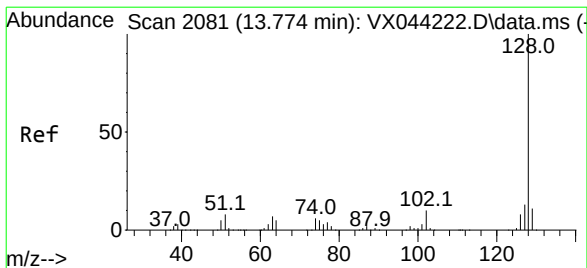
Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 40220 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.2  | 30.8  | 92.4  |
| 227       | 63.8  | 32.1  | 96.3  |





#95

Naphthalene

Concen: 45.897 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

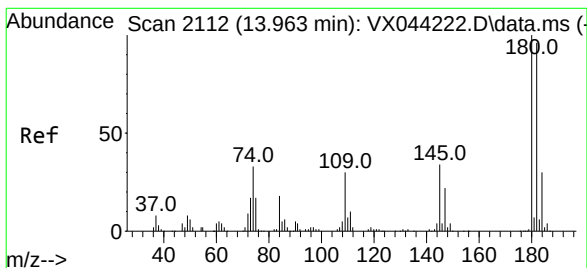
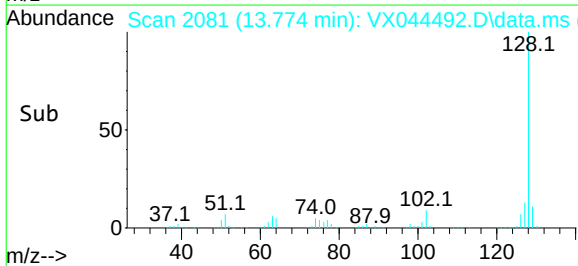
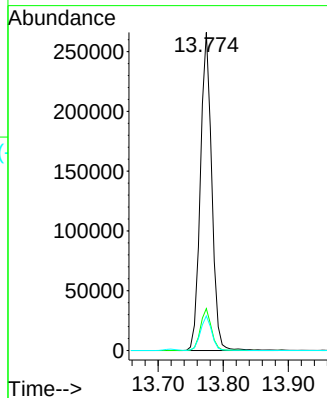
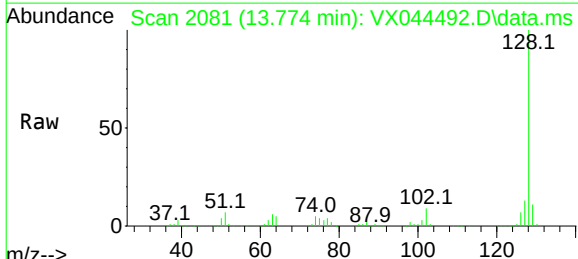
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 321843 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.7  | 10.5  | 15.7   |
| 129      | 10.8  | 9.0   | 13.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.126 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044492.D

Acq: 23 Dec 2024 19:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 99323 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.9  | 48.0  | 144.0 |
| 145      | 33.3  | 17.7  | 53.1  |

