

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112124\  
 Data File : VX043927.D  
 Acq On : 21 Nov 2024 10:37  
 Operator : JC/MD  
 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Nov 21 11:27:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 11:25:29 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/22/2024  
 Supervised By : Mahesh Dadoda 11/22/2024

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 137617     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 247844     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 217871     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 98477      | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 48239      | 22.821   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 45.640%# |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 35015      | 21.040   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 42.080%# |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 122646     | 22.060   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 44.120%# |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 41087      | 22.365   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 44.720%# |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.167          | 85   | 35268      | 25.327   | ug/l   | 98       |
| 3) Chloromethane             | 1.295          | 50   | 39622      | 22.767   | ug/l   | 93       |
| 4) Vinyl Chloride            | 1.374          | 62   | 40173      | 22.975   | ug/l   | 95       |
| 5) Bromomethane              | 1.593          | 94   | 24112      | 30.357   | ug/l   | 98       |
| 6) Chloroethane              | 1.666          | 64   | 22213      | 26.595   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.868          | 101  | 73464      | 29.469   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 25875      | 27.531   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 33284      | 22.561   | ug/l   | 96       |
| 10) Methyl Iodide            | 2.441          | 142  | 43047      | 20.733   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 3.002          | 59   | 36554      | 108.748  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 2.307          | 96   | 32180      | 22.474   | ug/l   | 96       |
| 13) Acrolein                 | 2.240          | 56   | 35249      | 93.505   | ug/l   | 99       |
| 14) Allyl chloride           | 2.660          | 41   | 53053      | 22.853   | ug/l # | 88       |
| 15) Acrylonitrile            | 3.069          | 53   | 94417      | 109.118  | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 110373     | 130.004  | ug/l   | 89       |
| 17) Carbon Disulfide         | 2.502          | 76   | 59349      | 18.983   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.709          | 43   | 50136      | 21.564   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 121776     | 23.009   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.788          | 84   | 37633      | 21.177   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 33545      | 21.489   | ug/l   | 100      |
| 22) Diisopropyl ether        | 3.764          | 45   | 119475     | 23.557   | ug/l   | 91       |
| 23) Vinyl Acetate            | 3.721          | 43   | 504408     | 122.699  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.599          | 63   | 67233      | 22.540   | ug/l   | 99       |
| 25) 2-Butanone               | 4.568          | 43   | 148152     | 124.741  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 58444      | 23.843   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 41866      | 21.551   | ug/l   | 94       |
| 28) Bromochloromethane       | 4.891          | 49   | 26507      | 21.119   | ug/l   | 90       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 87736      | 114.321  | ug/l   | 98       |
| 30) Chloroform               | 5.087          | 83   | 72049      | 23.172   | ug/l   | 97       |
| 31) Cyclohexane              | 5.458          | 56   | 53731      | 22.225   | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 62394      | 23.474   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.684          | 75   | 44465      | 21.438   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.715          | 43   | 54426      | 23.316   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.672          | 117  | 48701      | 22.179   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379          | 83   | 55958      | 21.551   | ug/l   | 99       |
| 40) Benzene                  | 6.025          | 78   | 144401     | 22.144   | ug/l   | 100      |

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 Sample : VSTDICC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Quant Time: Nov 21 11:27:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 11:25:29 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/22/2024  
 Supervised By : Mahesh Dadoda 11/22/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 28938    | 23.789  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 57981    | 24.487  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.349  | 43   | 88577    | 24.054  | ug/l   | 94       |
| 44) Trichloroethene           | 7.117  | 130  | 36440    | 20.270  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 7.428  | 63   | 35791    | 22.394  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 27799    | 23.082  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.818  | 83   | 49665    | 23.471  | ug/l # | 94       |
| 48) Methyl methacrylate       | 7.690  | 41   | 41962    | 22.991  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 12071    | 310.503 | ug/l # | 62       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 278479   | 121.285 | ug/l   | 95       |
| 52) Toluene                   | 8.714  | 92   | 87569    | 23.277  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 50294    | 23.425  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 56407    | 23.184  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 37148    | 25.308  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 56585    | 24.347  | ug/l # | 88       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 61420    | 24.976  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 136842   | 112.277 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 213629   | 131.869 | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.519  | 129  | 34133    | 23.864  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 36985    | 24.156  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.269  | 164  | 29274    | 20.948  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.080 | 112  | 96469    | 21.197  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 32353    | 21.360  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 166435   | 21.731  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 122658   | 42.997  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 60254    | 21.648  | ug/l   | 94       |
| 70) Styrene                   | 10.653 | 104  | 102329   | 22.308  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 19329    | 19.555  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.964 | 105  | 157405   | 22.393  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.842 | 43   | 73525    | 23.459  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 54158    | 22.787  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 45423m   | 22.601  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 37631    | 21.843  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 176034   | 22.696  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 112986   | 22.894  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 132041   | 22.662  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 14743    | 20.654  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 125521   | 22.085  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 128636   | 21.582  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 132595   | 22.408  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 156312   | 21.962  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 130605   | 21.854  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 67003    | 20.986  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 67195    | 20.527  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 110491   | 21.698  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 19547    | 19.432  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 67852    | 20.298  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 9939     | 20.259  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 38866    | 19.894  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 14818    | 18.508  | ug/l   | 91       |
| 95) Naphthalene               | 13.774 | 128  | 145678   | 19.999  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 41554    | 20.415  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VSTDICC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 21 11:25:29 2024  
Response via : Initial Calibration

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

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

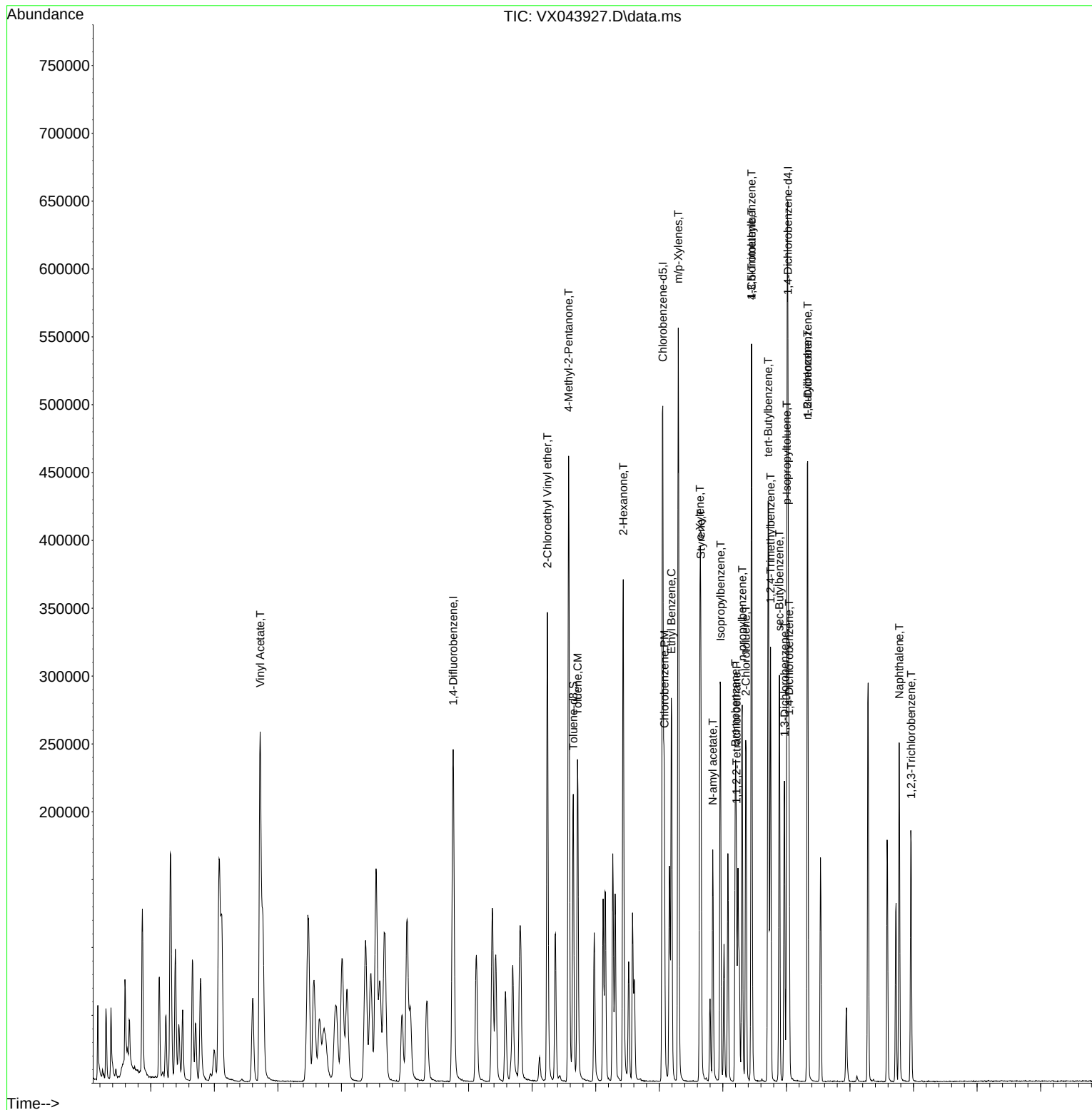
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Data File : VX043927.D  
Acq On : 21 Nov 2024 10:37  
Operator : JC/MD  
Sample : VSTDIC020  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

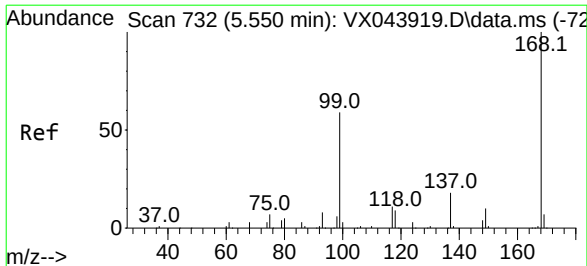
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Quant Time: Nov 21 11:27:10 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112024W.M  
Quant Title : SW846 8260  
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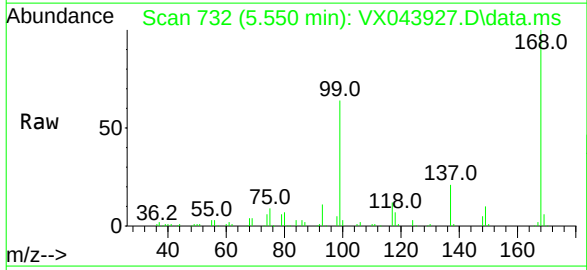
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

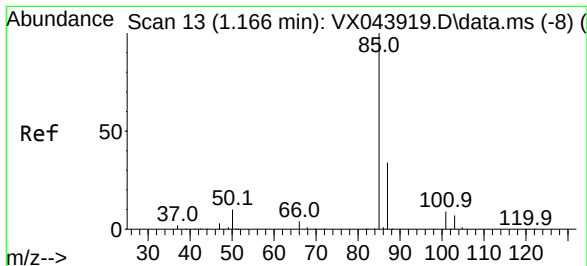
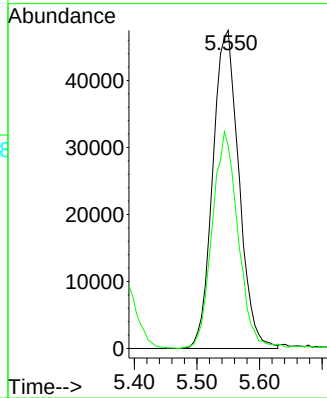
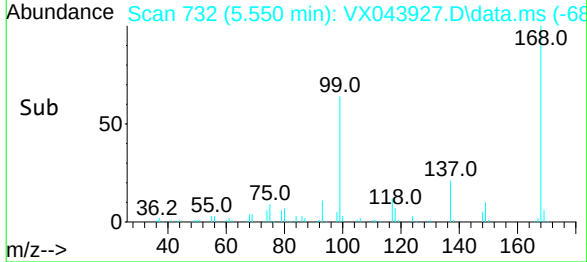
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



Tgt Ion:168 Resp: 137617  
Ion Ratio Lower Upper  
168 100  
99 63.7 46.9 70.3

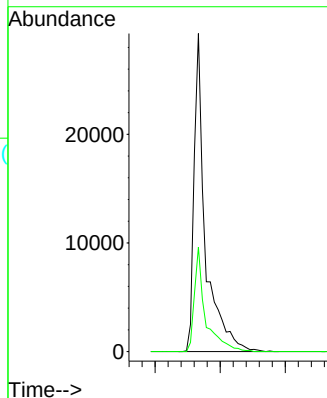
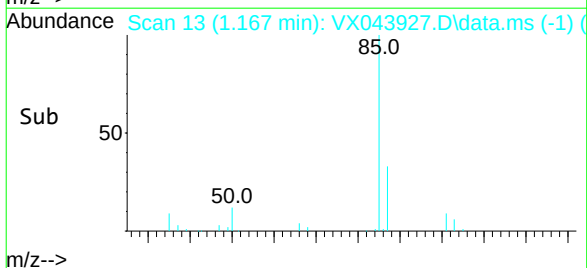
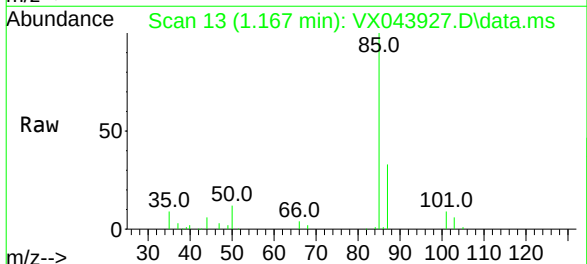
Manual Integrations  
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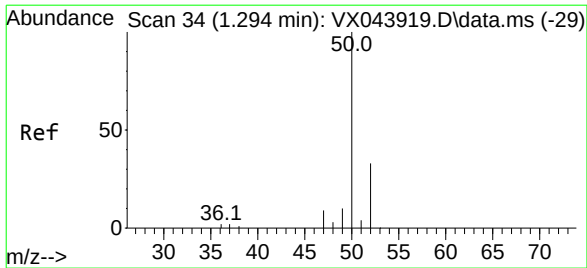
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#2  
Dichlorodifluoromethane  
Concen: 25.327 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

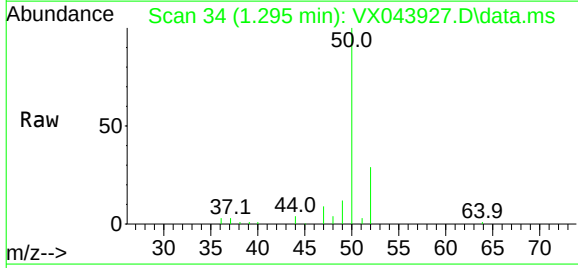
Tgt Ion: 85 Resp: 35268  
Ion Ratio Lower Upper  
85 100  
87 32.8 17.1 51.2





#3  
Chloromethane  
Concen: 22.767 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

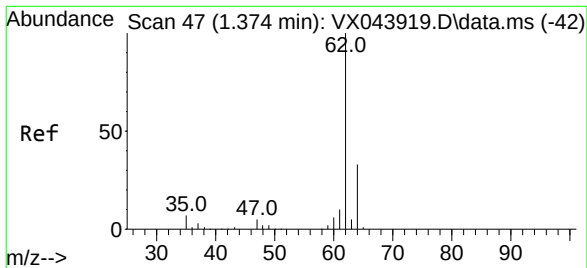
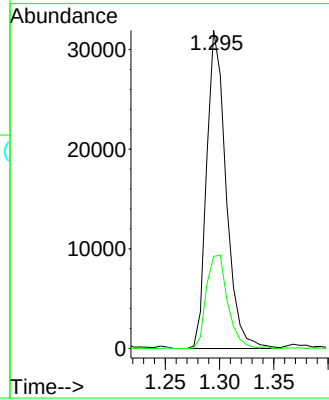
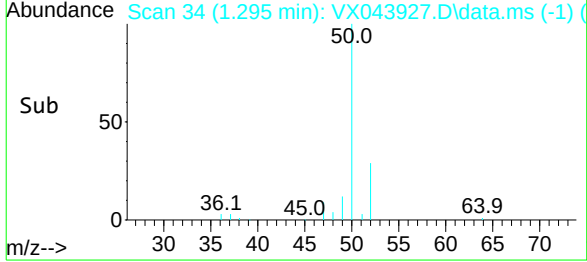
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



Tgt Ion: 50 Resp: 39622  
Ion Ratio Lower Upper  
50 100  
52 28.9 26.2 39.2

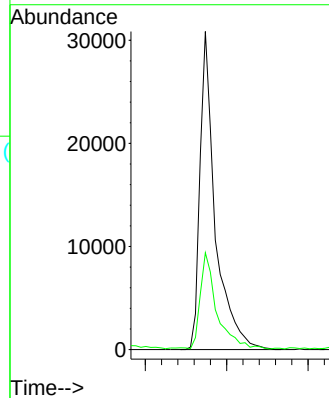
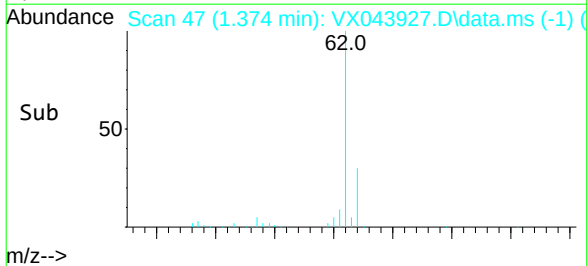
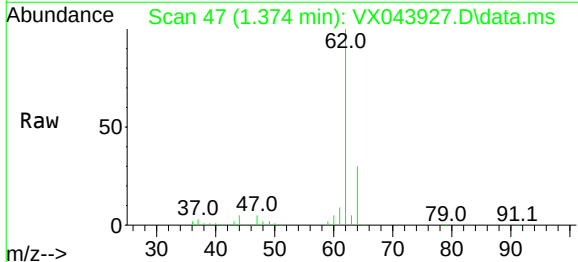
Manual Integrations  
APPROVED

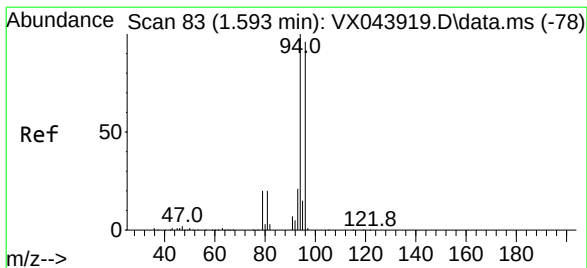
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#4  
Vinyl Chloride  
Concen: 22.975 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 62 Resp: 40173  
Ion Ratio Lower Upper  
62 100  
64 30.0 26.1 39.1





#5

Bromomethane

Concen: 30.357 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

Tgt Ion: 94 Resp: 24112

Ion Ratio Lower Upper

94 100

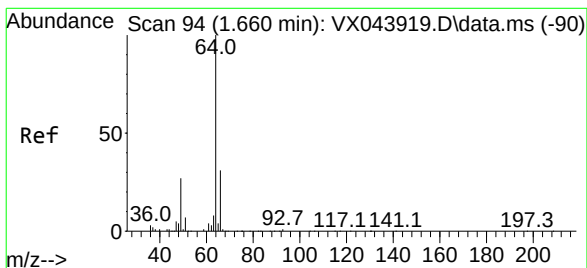
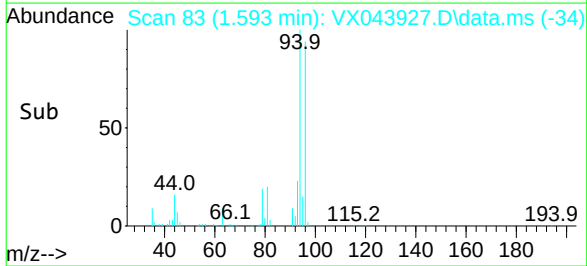
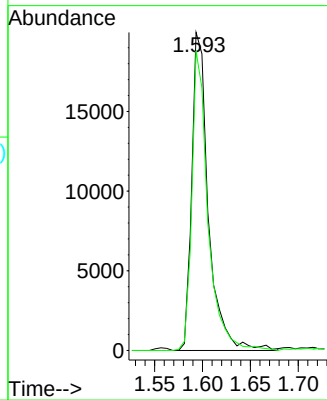
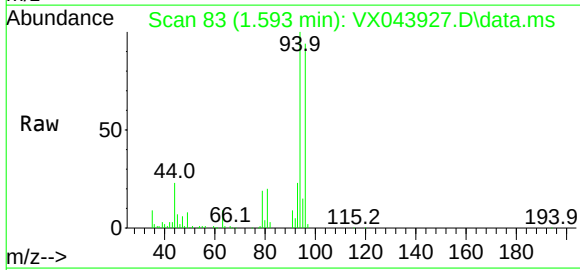
96 94.1 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#6

Chloroethane

Concen: 26.595 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043927.D

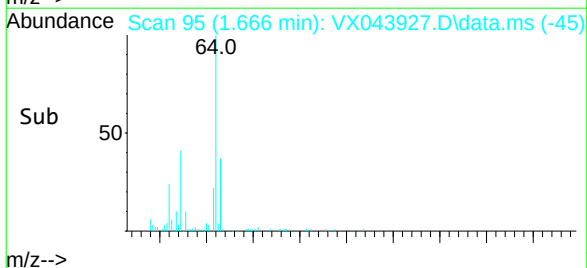
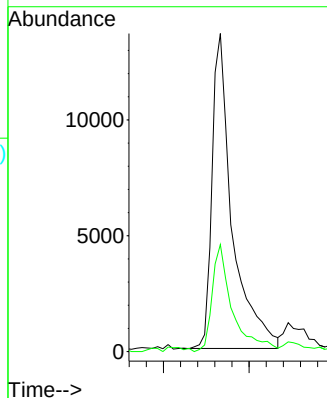
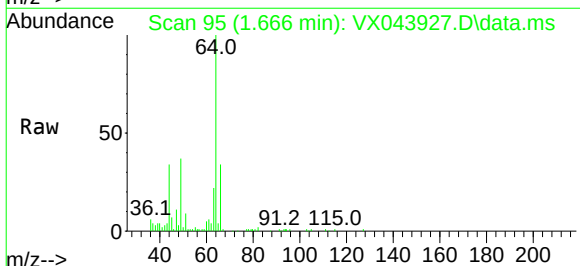
Acq: 21 Nov 2024 10:37

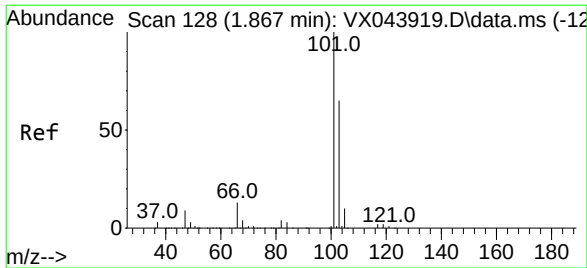
Tgt Ion: 64 Resp: 22213

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3





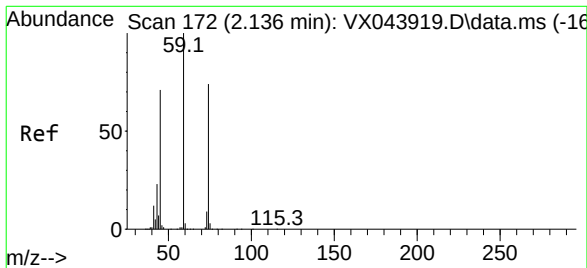
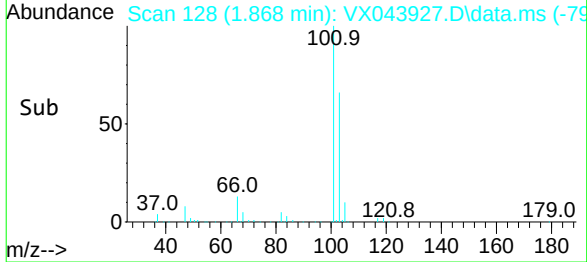
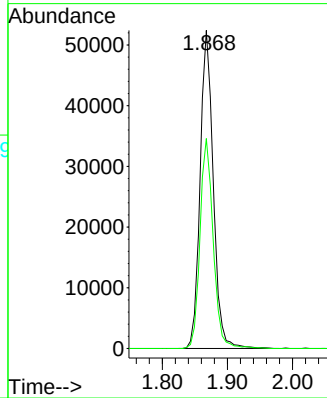
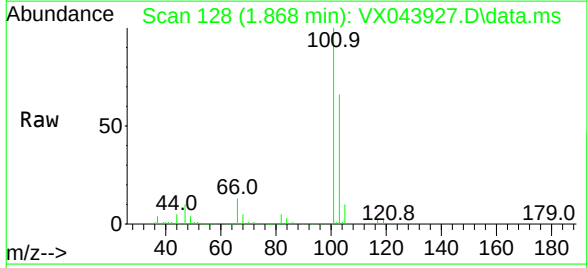
#7  
 Trichlorofluoromethane  
 Concen: 29.469 ug/l  
 RT: 1.868 min Scan# 128  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC020

Tgt Ion:101 Resp: 73464  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 52.2 78.4

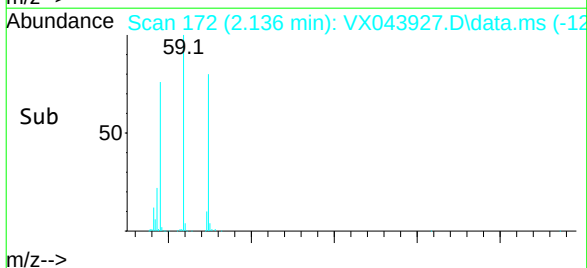
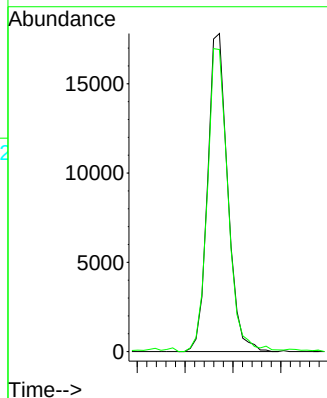
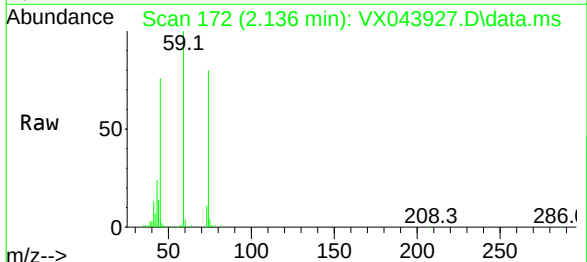
Manual Integrations  
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Reviewed By :John Carlone 11/22/2024  
 Supervised By :Mahesh Dadoda 11/22/2024

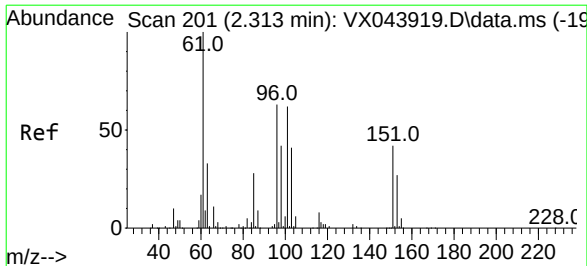


#8  
 Diethyl Ether  
 Concen: 27.531 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Tgt Ion: 74 Resp: 25875  
 Ion Ratio Lower Upper  
 74 100  
 45 98.4 49.9 149.6

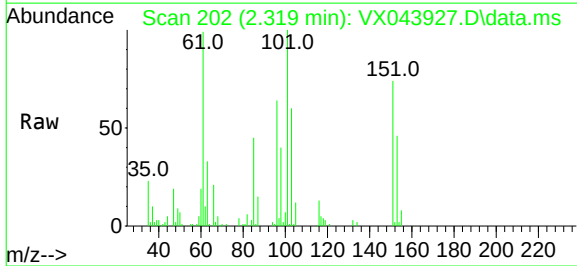






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.561 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

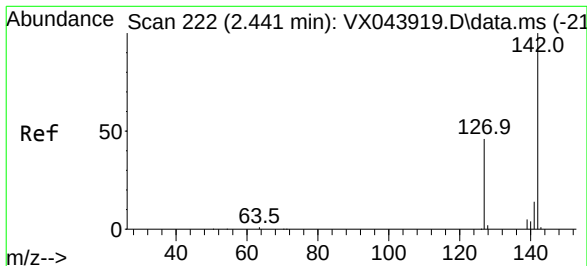
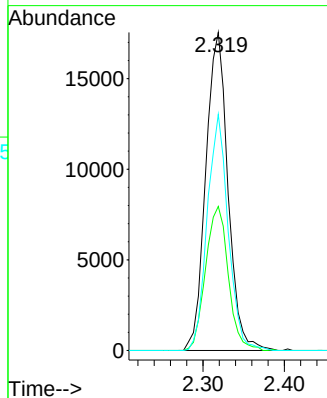
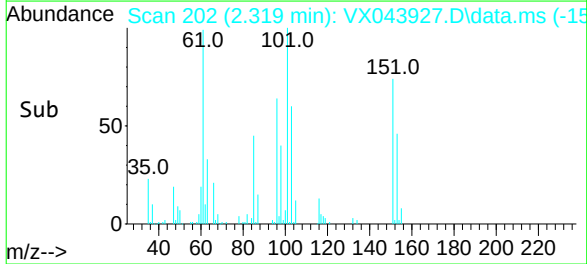
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



Tgt Ion:101 Resp: 33284  
Ion Ratio Lower Upper  
101 100  
85 46.3 36.6 54.8  
151 70.1 59.8 89.6

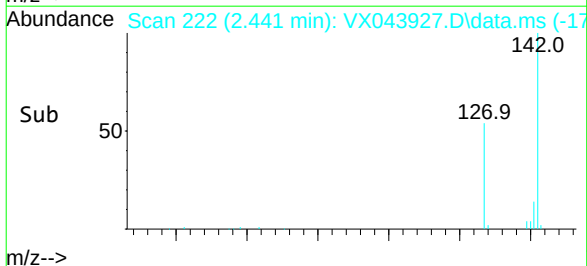
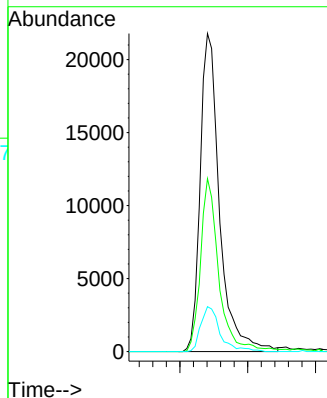
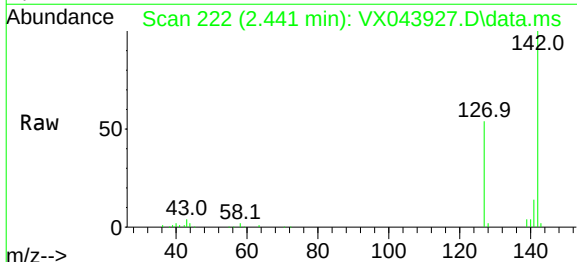
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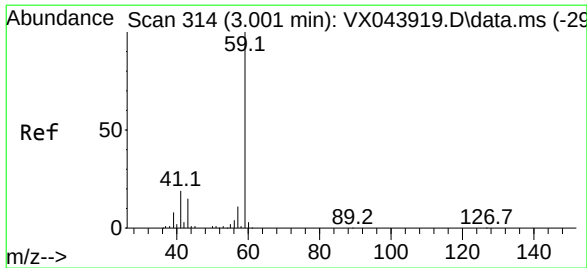
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#10  
Methyl Iodide  
Concen: 20.733 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion:142 Resp: 43047  
Ion Ratio Lower Upper  
142 100  
127 51.8 37.3 55.9  
141 14.2 11.4 17.2





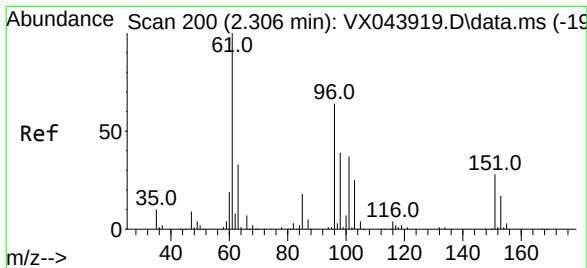
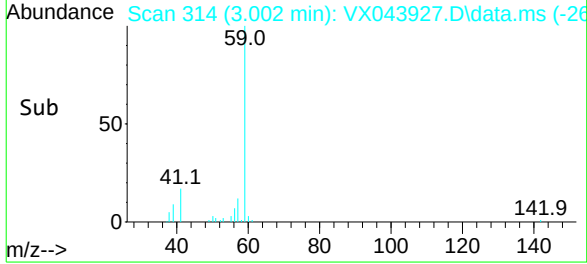
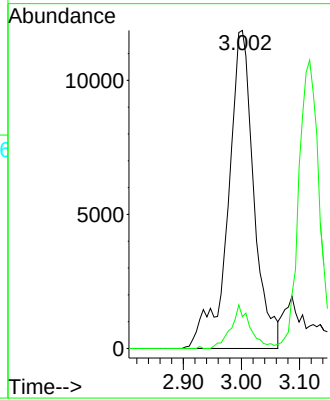
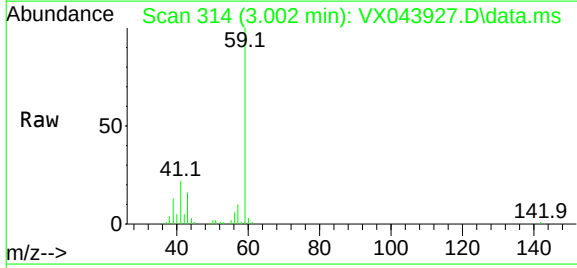
#11  
Tert butyl alcohol  
Concen: 108.748 ug/l  
RT: 3.002 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 59 Resp: 36554  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.2 12.4

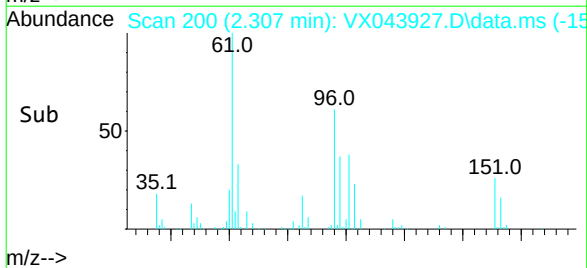
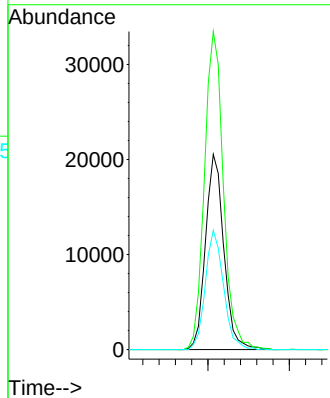
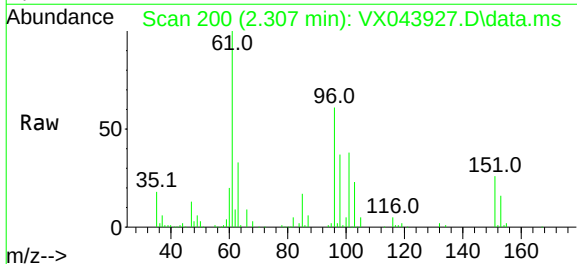
Manual Integrations  
APPROVED

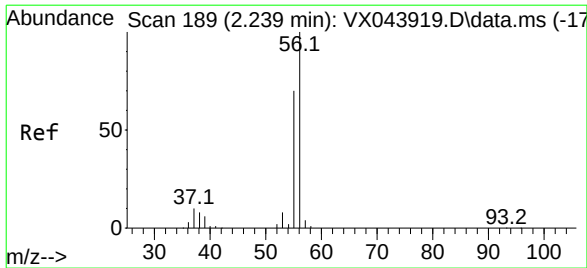
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#12  
1,1-Dichloroethene  
Concen: 22.474 ug/l  
RT: 2.307 min Scan# 200  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 96 Resp: 32180  
Ion Ratio Lower Upper  
96 100  
61 162.9 124.6 187.0  
98 61.0 49.0 73.6





#13

Acrolein

Concen: 93.505 ug/l

RT: 2.240 min Scan# 18

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 35249

Ion Ratio Lower Upper

56 100

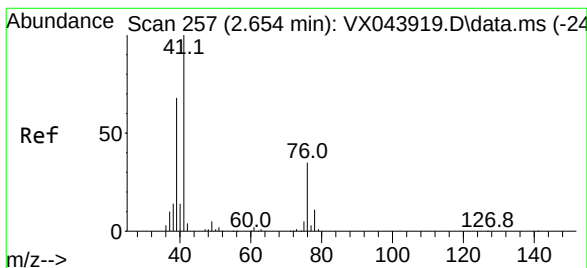
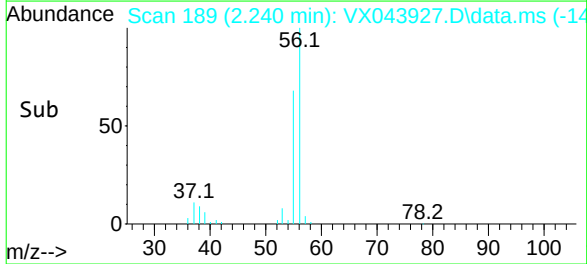
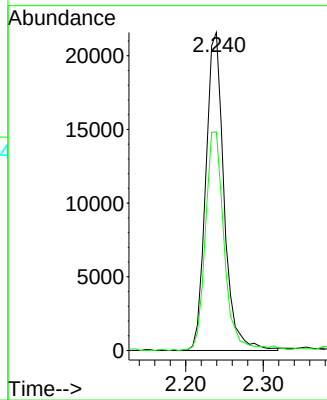
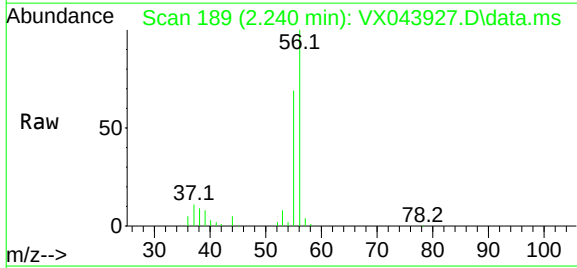
55 71.2 56.1 84.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#14

Allyl chloride

Concen: 22.853 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

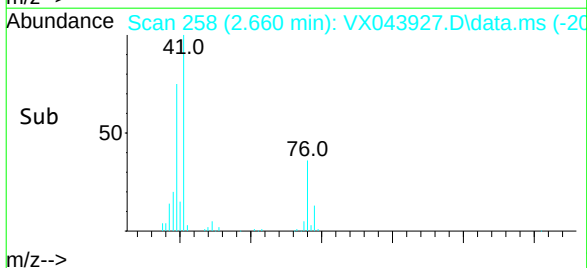
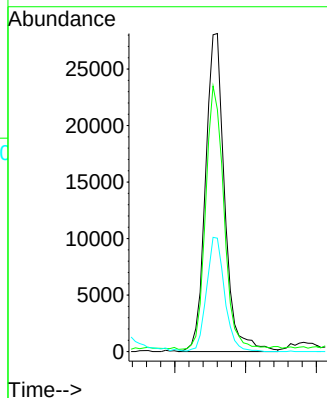
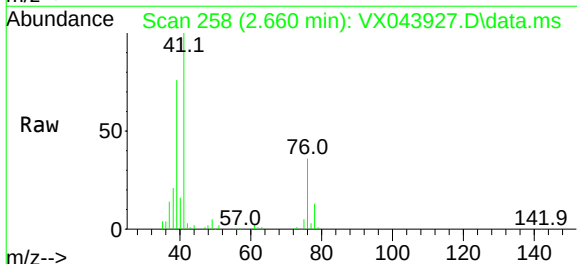
Tgt Ion: 41 Resp: 53053

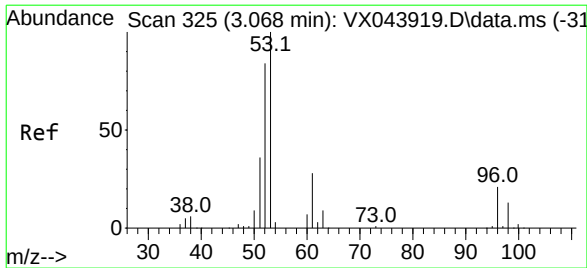
Ion Ratio Lower Upper

41 100

39 78.7 51.7 77.5#

76 33.9 28.2 42.2





#15

Acrylonitrile

Concen: 109.118 ug/l

RT: 3.069 min Scan# 32

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

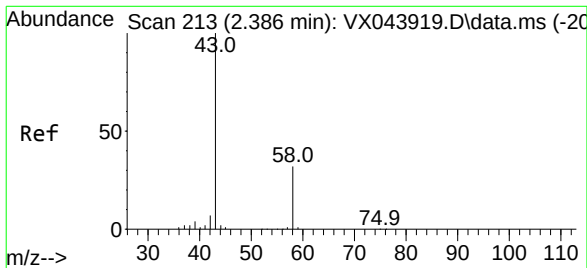
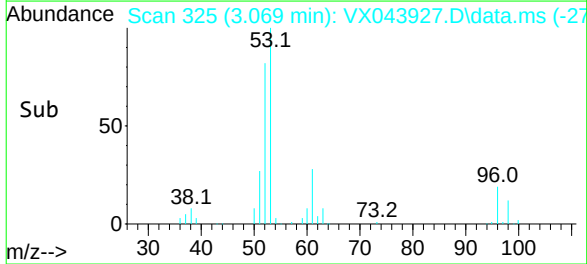
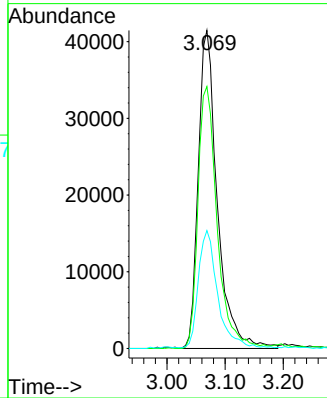
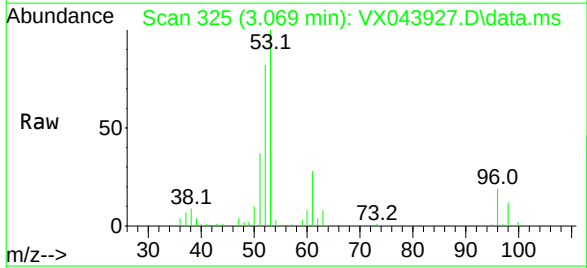
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 94417 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.1  | 65.8  | 98.8  |
| 51       | 37.1  | 28.6  | 42.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#16

Acetone

Concen: 130.004 ug/l

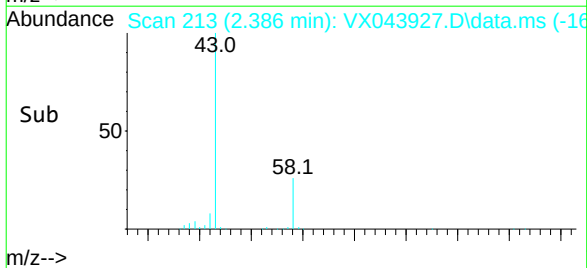
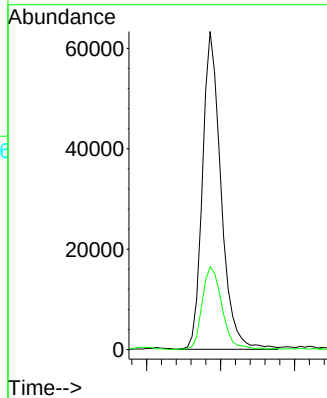
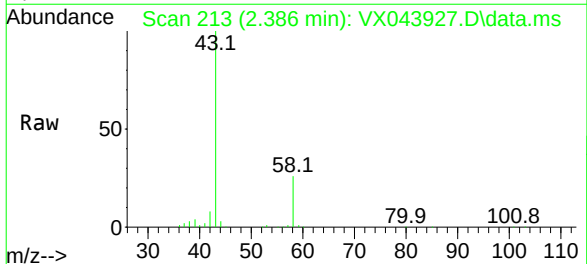
RT: 2.386 min Scan# 213

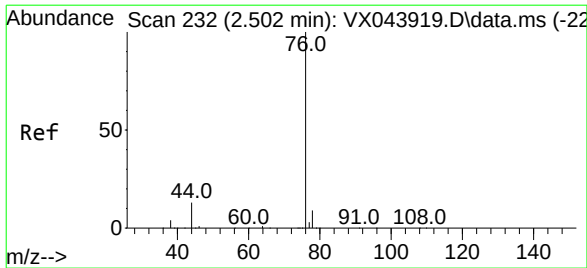
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 110373 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 25.9  | 25.8  | 38.6   |





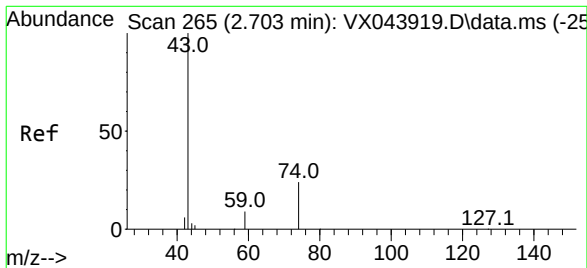
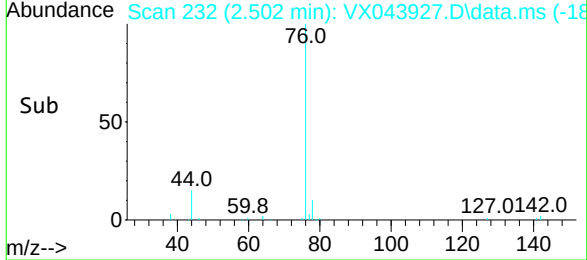
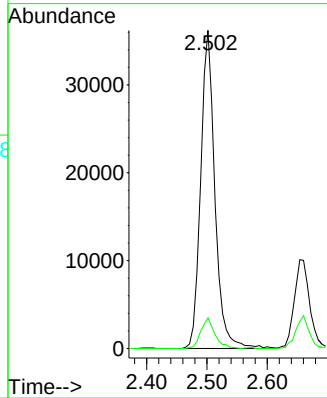
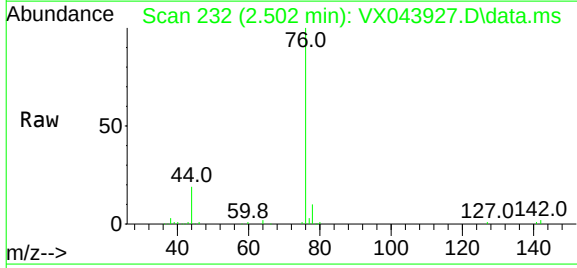
#17  
Carbon Disulfide  
Concen: 18.983 ug/l  
RT: 2.502 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 76 Resp: 59349  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9

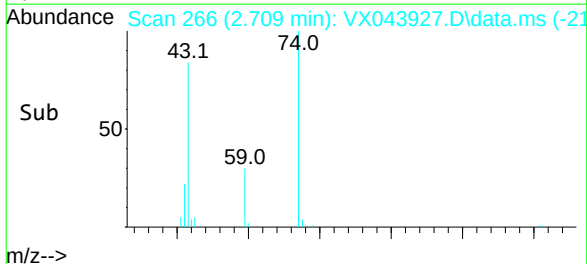
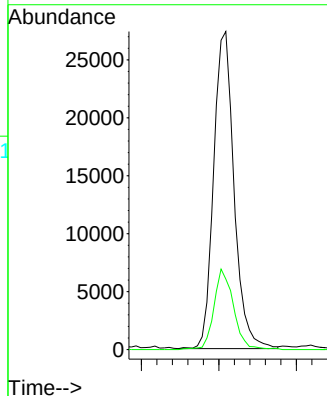
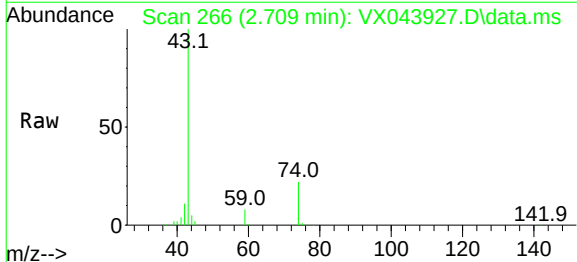
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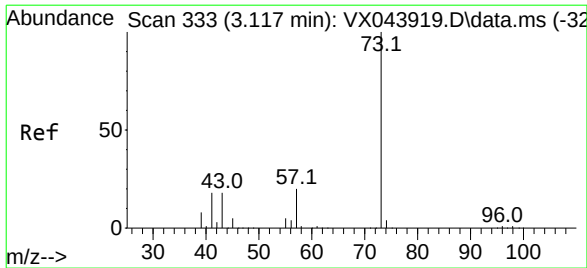
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#18  
Methyl Acetate  
Concen: 21.564 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 50136  
Ion Ratio Lower Upper  
43 100  
74 24.4 20.1 30.1





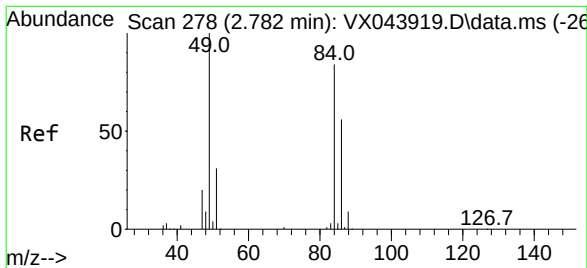
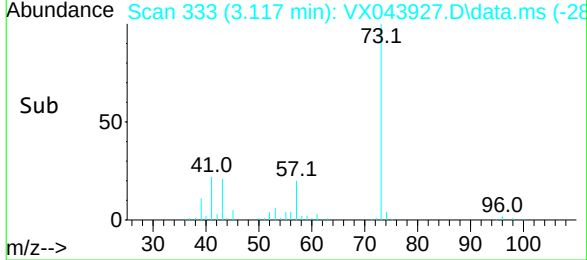
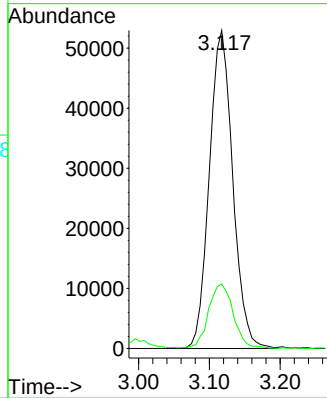
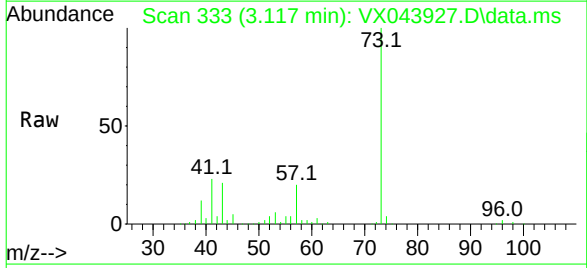
#19  
Methyl tert-butyl Ether  
Concen: 23.009 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 73 Resp: 121776  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.4 24.6

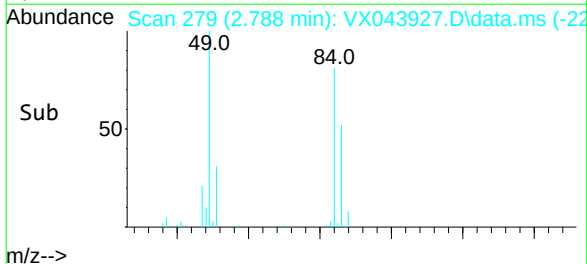
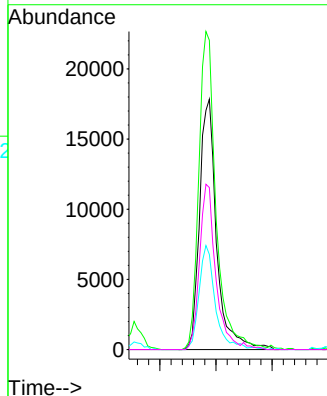
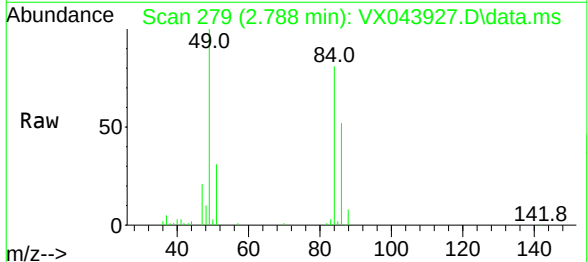
Manual Integrations  
APPROVED

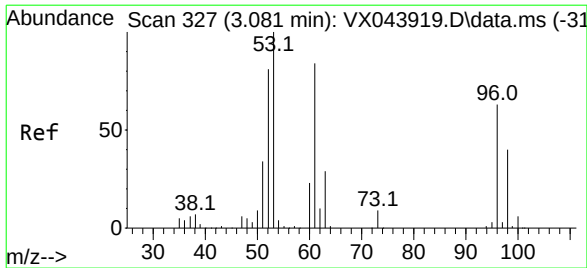
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#20  
Methylene Chloride  
Concen: 21.177 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

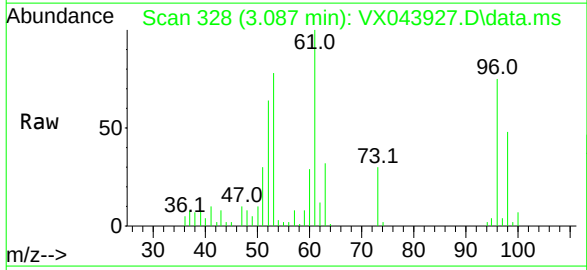
Tgt Ion: 84 Resp: 37633  
Ion Ratio Lower Upper  
84 100  
49 123.5 95.1 142.7  
51 38.0 29.2 43.8  
86 64.7 53.4 80.0





#21  
trans-1,2-Dichloroethene  
Concen: 21.489 ug/l  
RT: 3.087 min Scan# 327  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

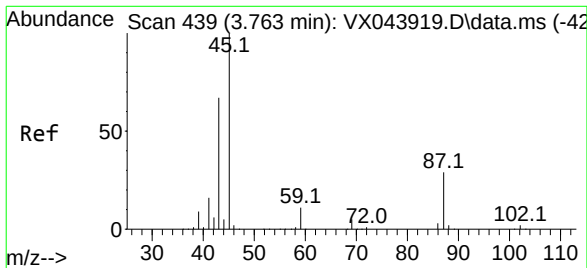
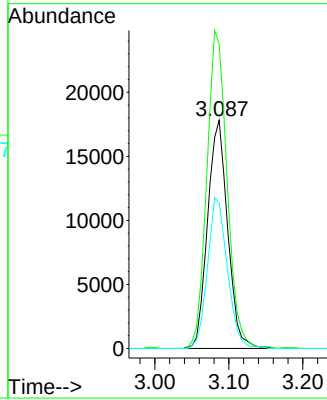
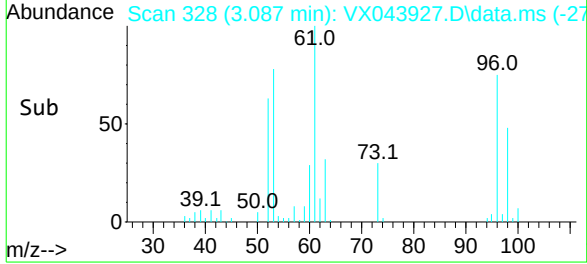
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



Tgt Ion: 96 Resp: 33545  
Ion Ratio Lower Upper  
96 100  
61 133.4 106.4 159.6  
98 64.0 50.9 76.3

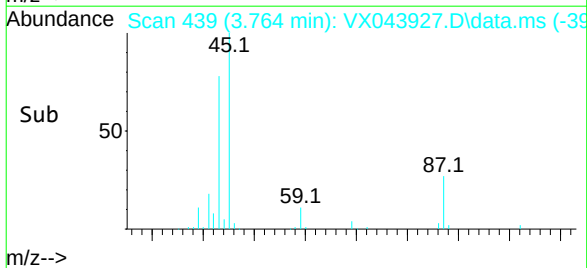
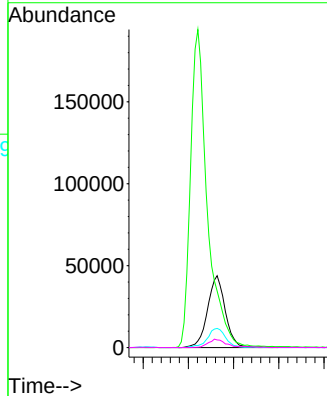
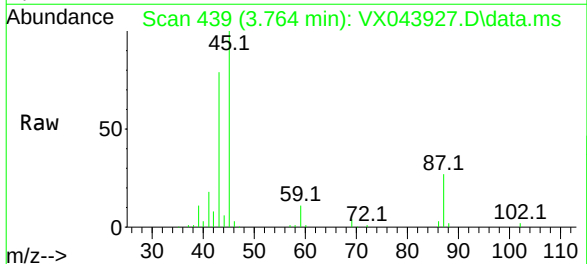
Manual Integrations  
APPROVED

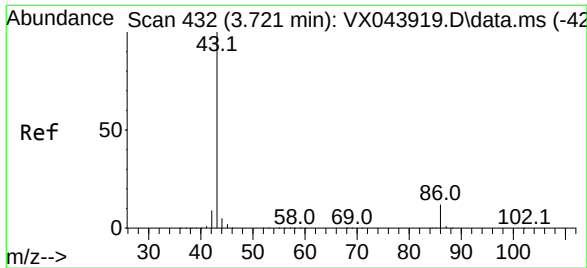
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#22  
Diisopropyl ether  
Concen: 23.557 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 45 Resp: 119475  
Ion Ratio Lower Upper  
45 100  
43 77.4 53.8 80.6  
87 26.6 23.4 35.2  
59 10.6 9.2 13.8





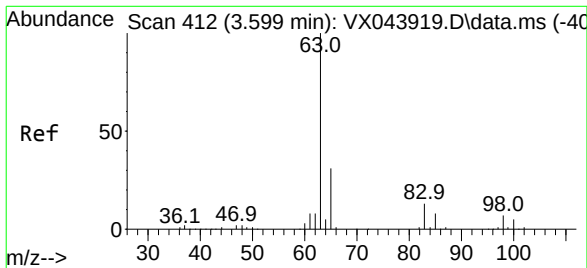
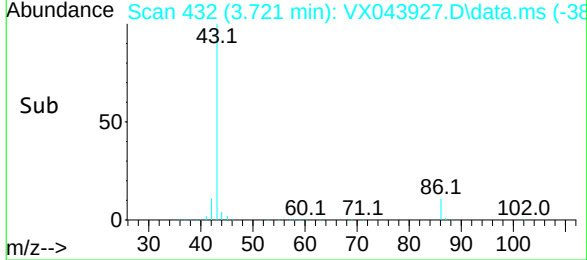
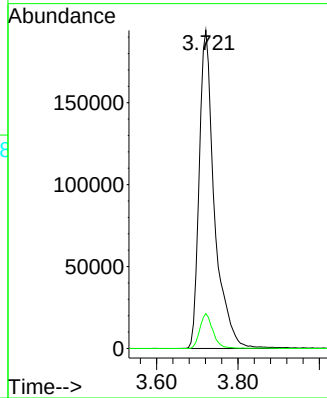
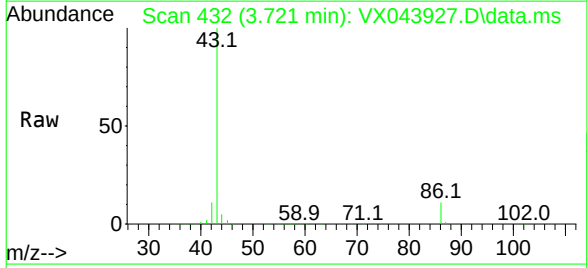
#23  
 Vinyl Acetate  
 Concen: 122.699 ug/l  
 RT: 3.721 min Scan# 43  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

Tgt Ion: 43 Resp: 504408  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 9.4 14.0

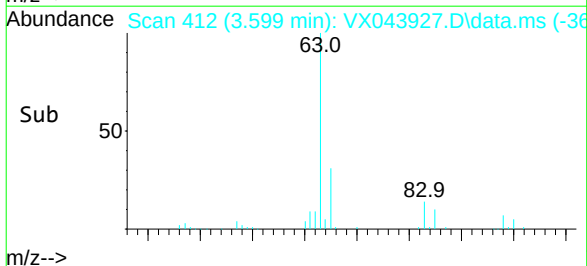
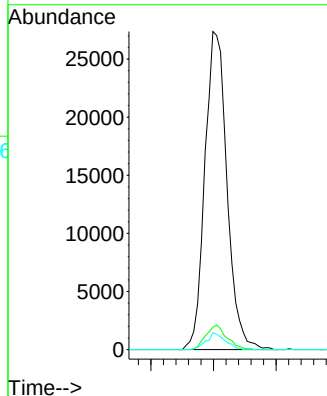
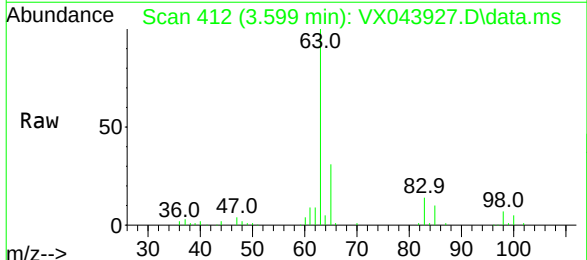
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 11/22/2024  
 Supervised By :Mahesh Dadoda 11/22/2024

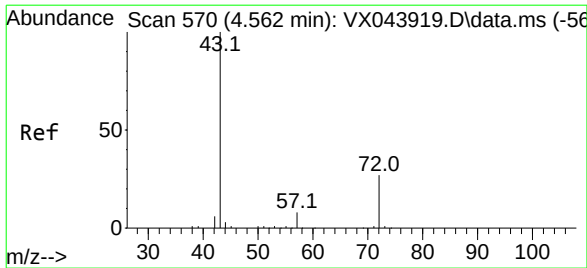


#24  
 1,1-Dichloroethane  
 Concen: 22.540 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 67233  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.7 11.1  
 100 5.3 2.4 7.2







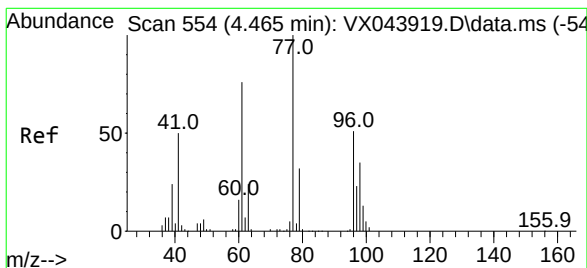
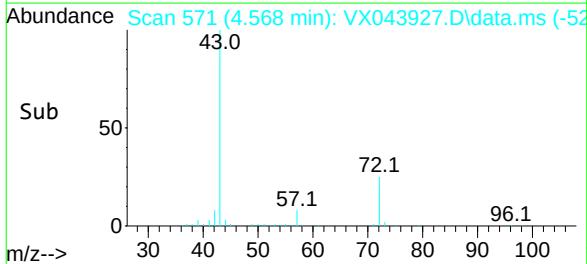
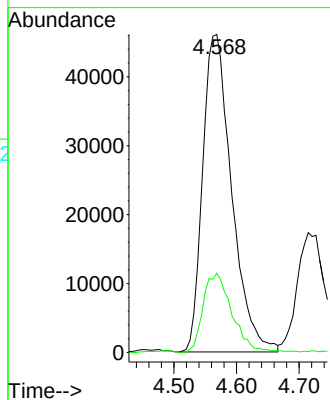
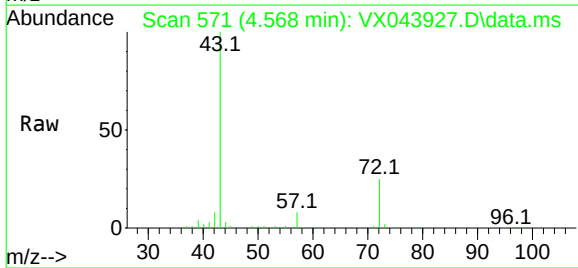
#25  
2-Butanone  
Concen: 124.741 ug/l  
RT: 4.568 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 43 Resp: 148152  
Ion Ratio Lower Upper  
43 100  
72 24.8 21.3 31.9

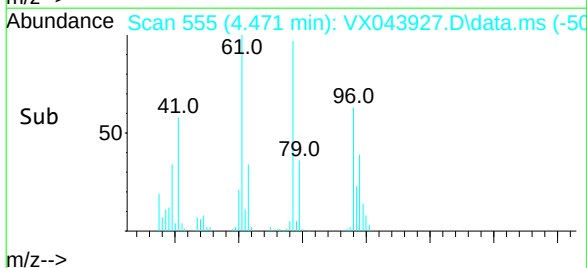
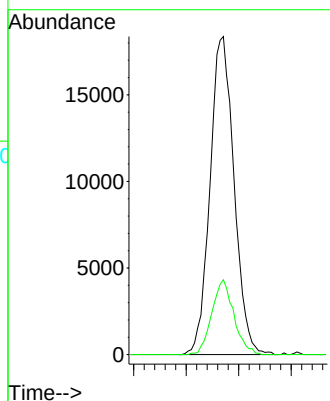
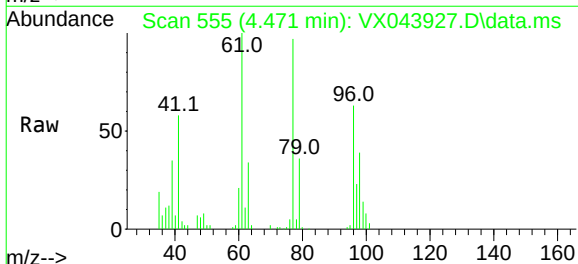
Manual Integrations  
APPROVED

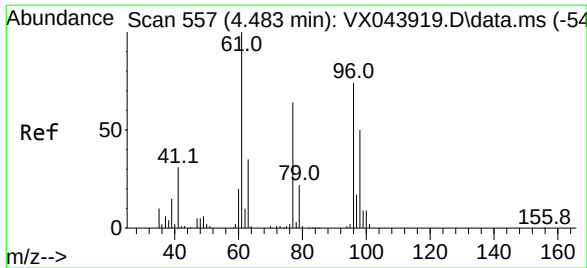
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#26  
2,2-Dichloropropane  
Concen: 23.843 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

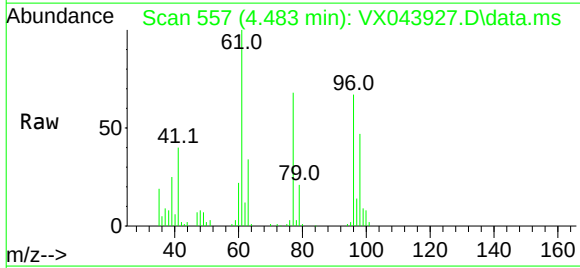
Tgt Ion: 77 Resp: 58444  
Ion Ratio Lower Upper  
77 100  
97 21.5 11.7 35.1





#27  
cis-1,2-Dichloroethene  
Concen: 21.551 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

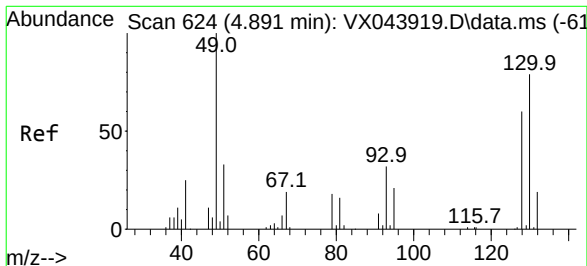
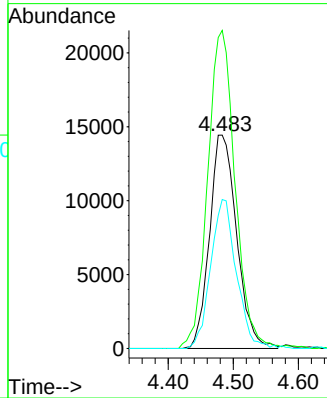
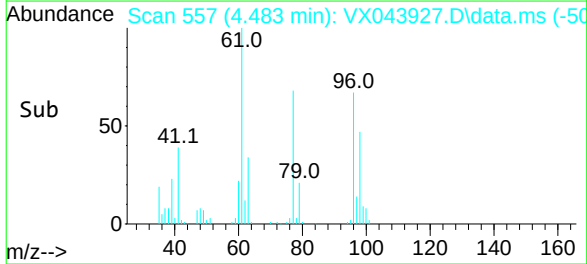
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



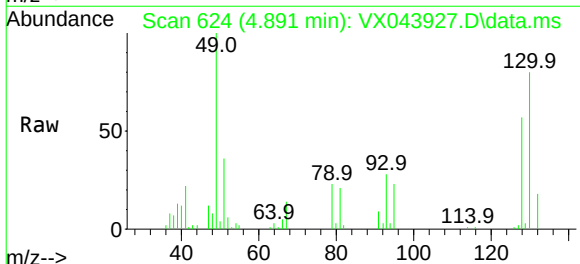
Tgt Ion: 96 Resp: 41866  
Ion Ratio Lower Upper  
96 100  
61 149.9 0.0 279.4  
98 66.3 0.0 131.6

Manual Integrations  
APPROVED

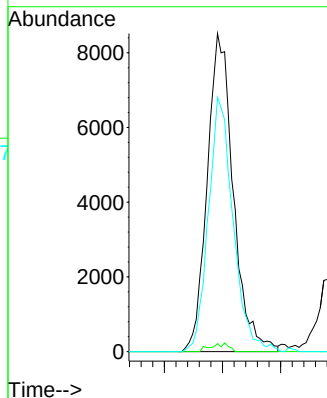
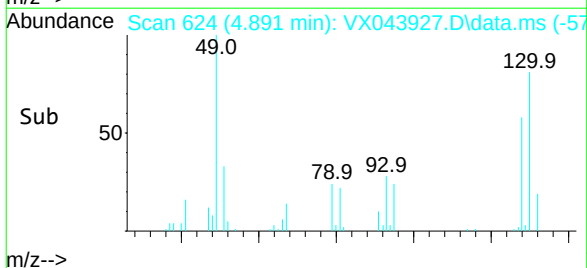
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

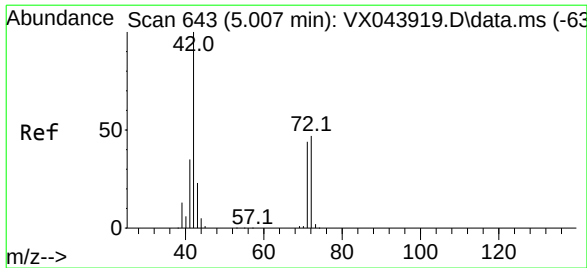


#28  
Bromochloromethane  
Concen: 21.119 ug/l  
RT: 4.891 min Scan# 624  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37



Tgt Ion: 49 Resp: 26507  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 4.4  
130 75.8 68.2 102.2





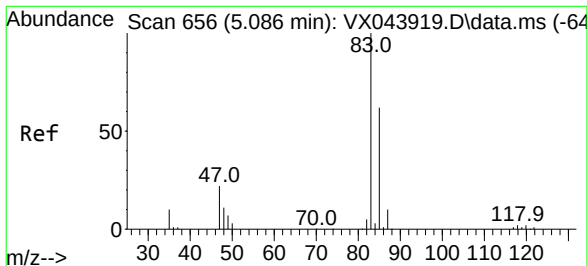
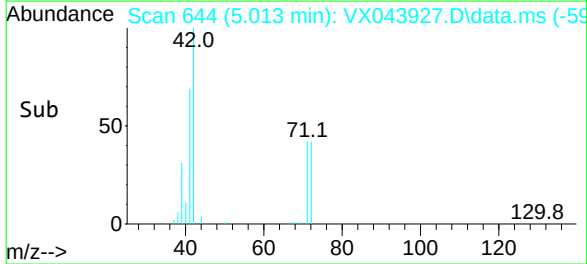
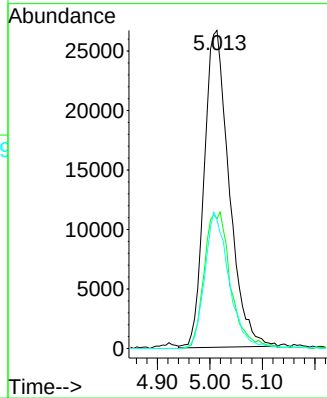
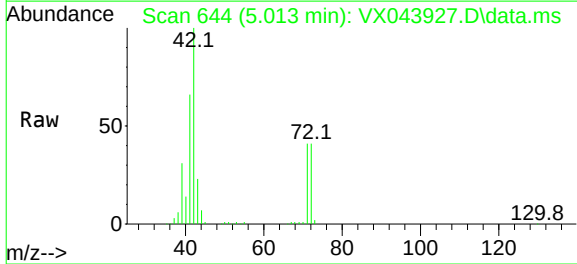
#29  
Tetrahydrofuran  
Concen: 114.321 ug/l  
RT: 5.013 min Scan# 643  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 87736 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.8  | 37.9  | 56.9  |
| 71       | 42.0  | 34.8  | 52.2  |

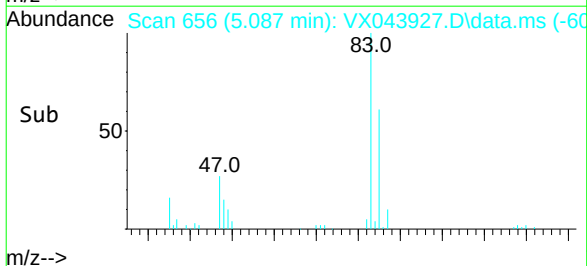
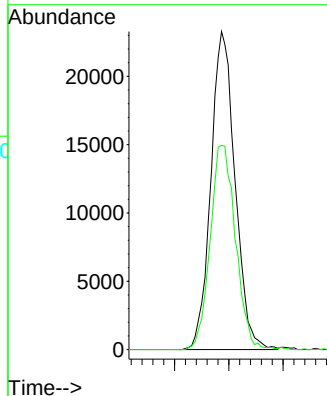
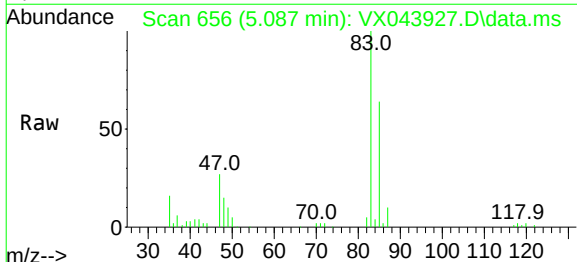
Manual Integrations  
APPROVED

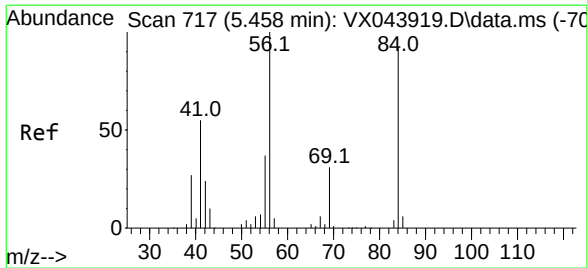
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#30  
Chloroform  
Concen: 23.172 ug/l  
RT: 5.087 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 72049 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.2  | 49.7  | 74.5  |





#31

Cyclohexane

Concen: 22.225 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

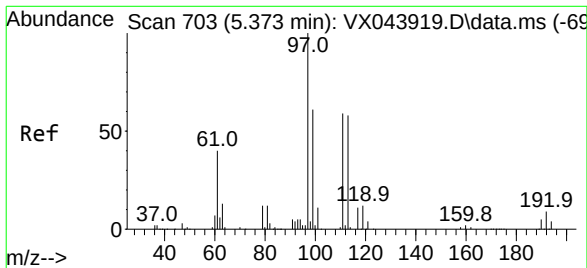
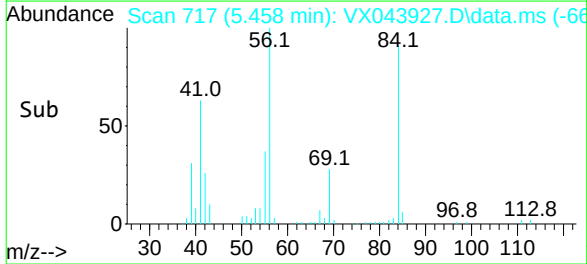
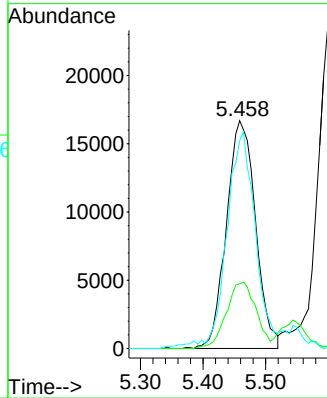
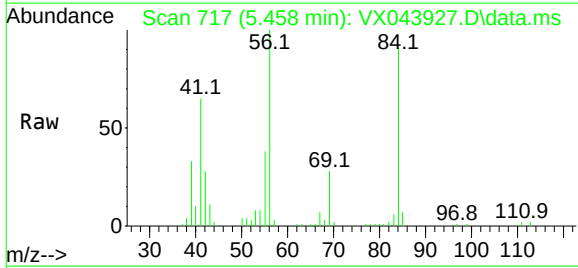
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 53731 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 28.4  | 24.9  | 37.3  |
| 84       | 89.6  | 73.8  | 110.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#32

1,1,1-Trichloroethane

Concen: 23.474 ug/l

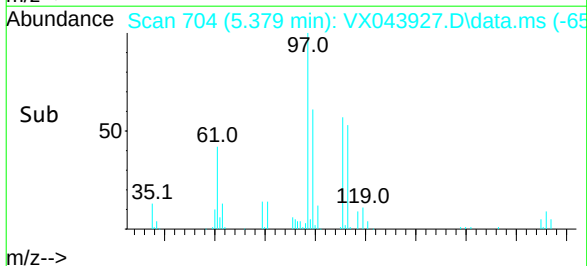
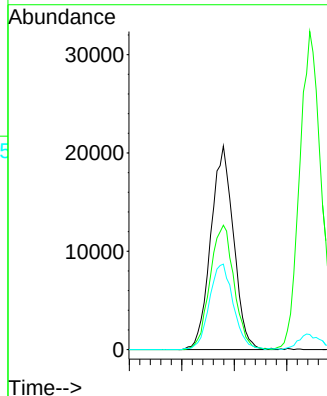
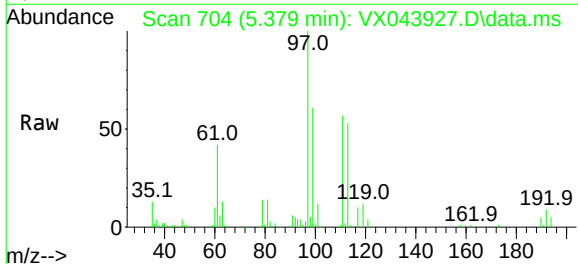
RT: 5.379 min Scan# 704

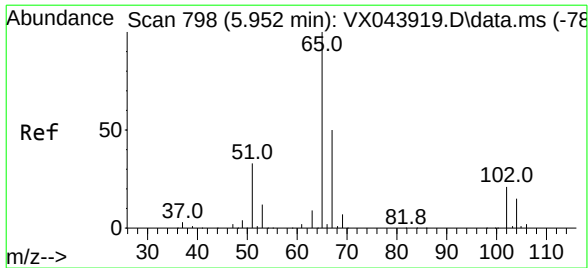
Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 62394 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 64.5  | 51.2  | 76.8  |
| 61       | 44.1  | 32.9  | 49.3  |





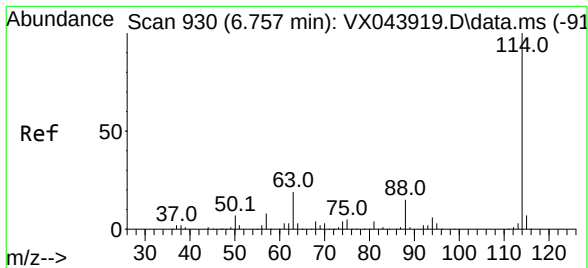
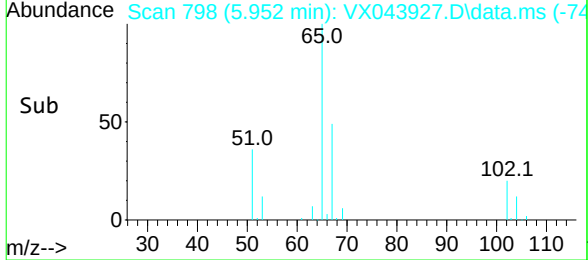
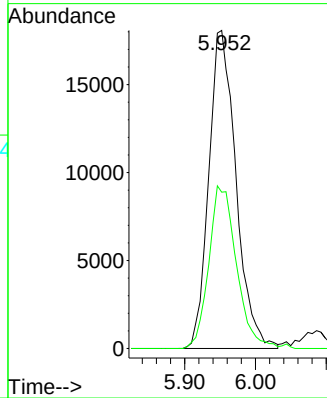
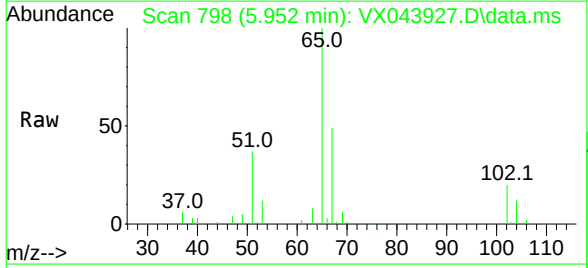
#33  
1,2-Dichloroethane-d4  
Concen: 22.821 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 65 Resp: 48239  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.2

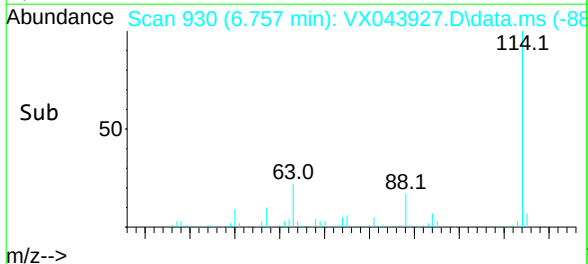
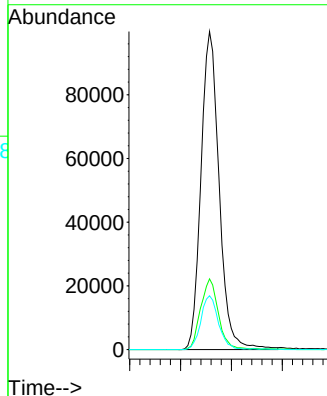
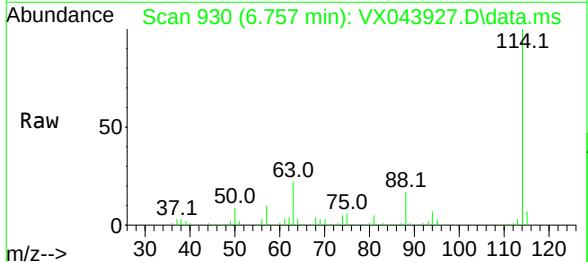
Manual Integrations  
APPROVED

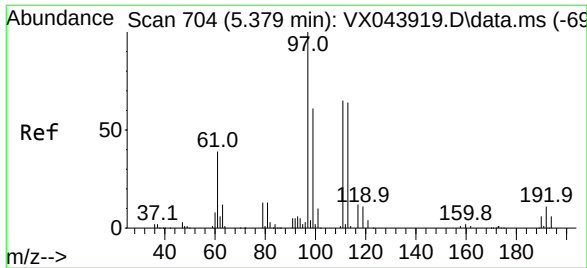
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion:114 Resp: 247844  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 39.0  
88 16.9 0.0 30.2





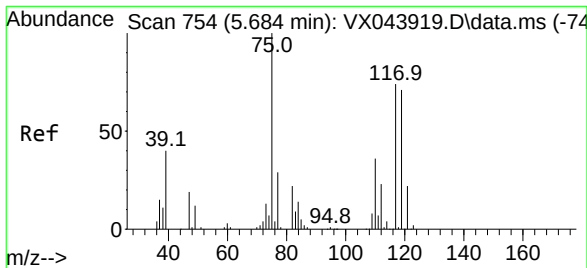
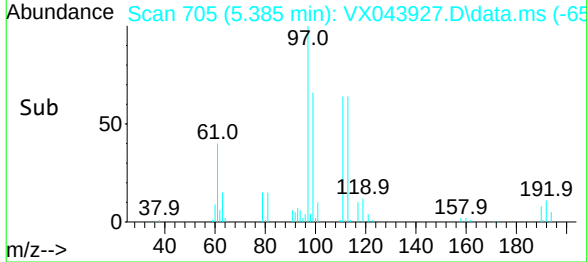
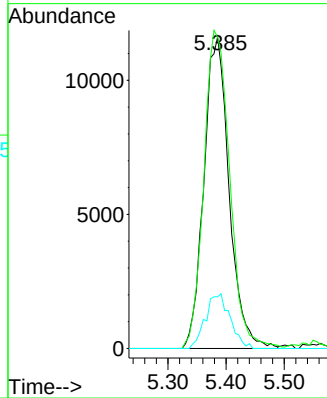
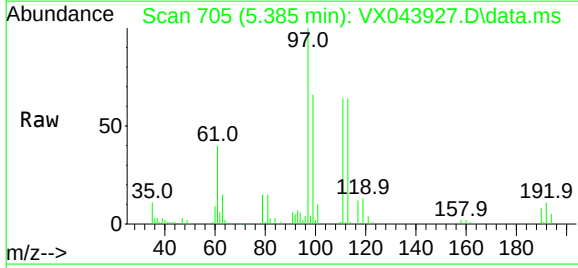
#35  
Dibromofluoromethane  
Concen: 21.040 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 105.0 | 81.0  | 121.6 |
| 192     | 17.1  | 14.2  | 21.2  |

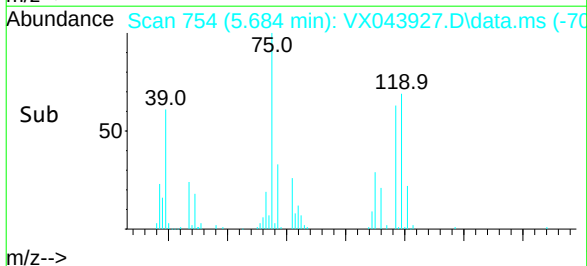
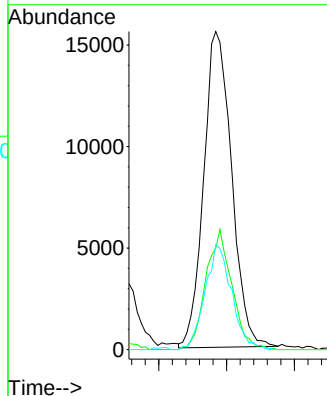
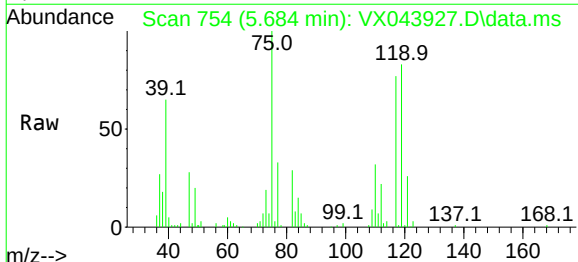
Manual Integrations  
**APPROVED**

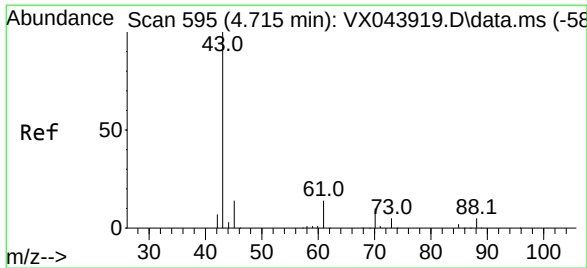
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#36  
1,1-Dichloropropene  
Concen: 21.438 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.4  | 17.5  | 52.5  |
| 77      | 31.8  | 24.9  | 37.3  |





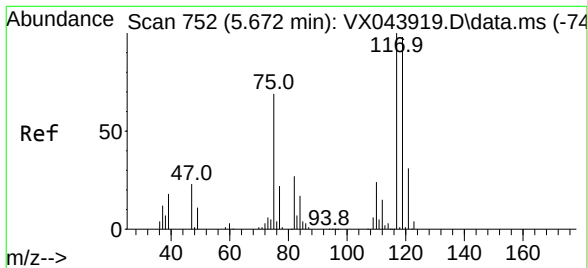
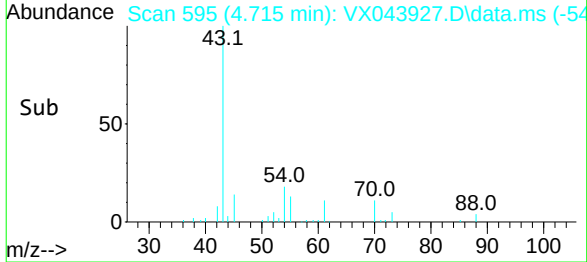
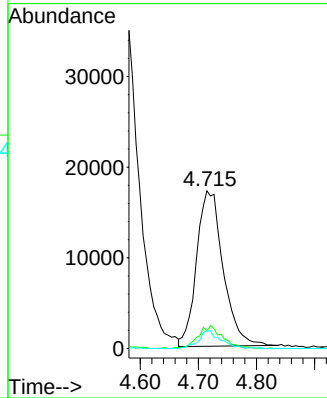
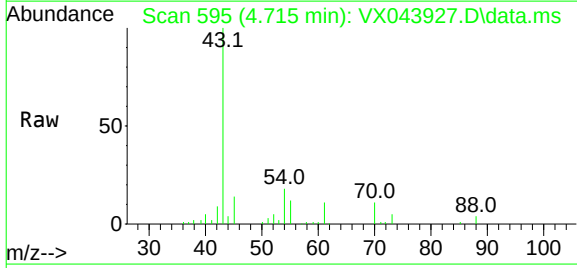
#37  
Ethyl Acetate  
Concen: 23.316 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 54426 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.4  | 11.5  | 17.3  |
| 70       | 9.5   | 8.7   | 13.1  |

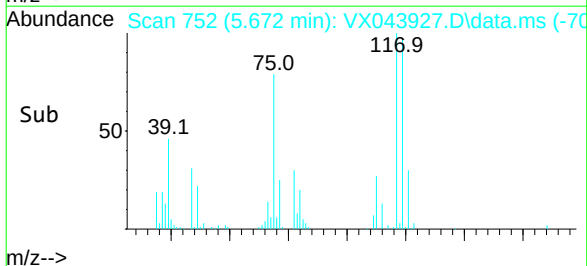
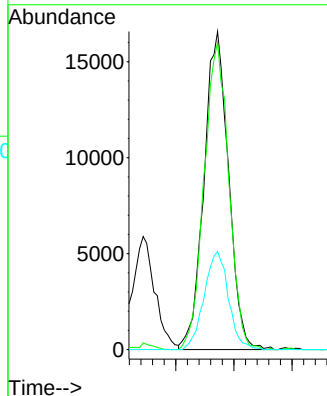
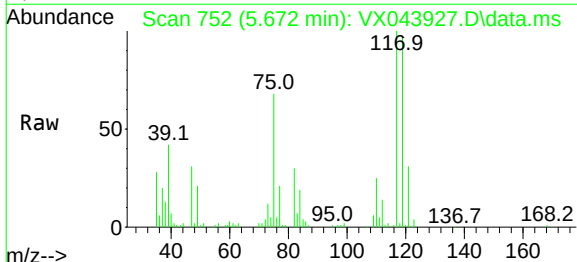
Manual Integrations  
APPROVED

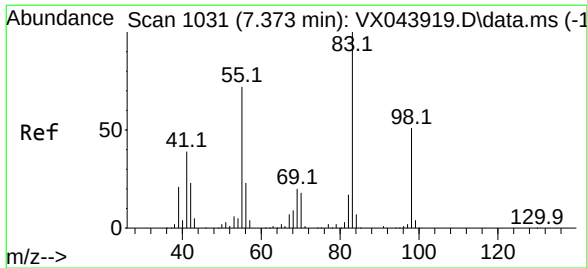
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#38  
Carbon Tetrachloride  
Concen: 22.179 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 48701 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.6  | 78.3  | 117.5 |
| 121      | 30.8  | 25.1  | 37.7  |





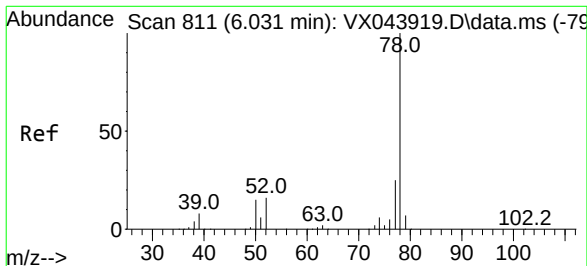
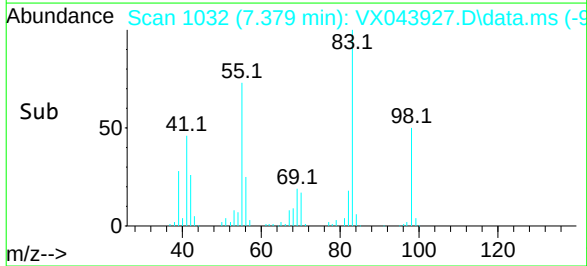
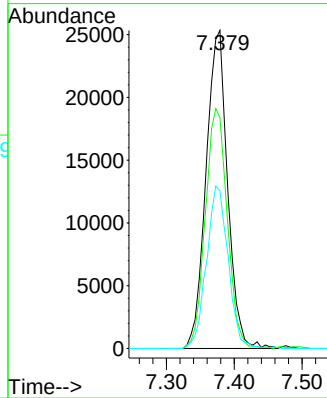
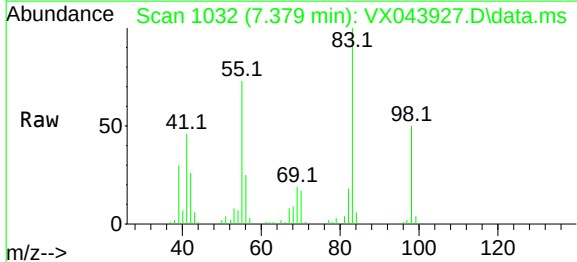
#39  
Methylcyclohexane  
Concen: 21.551 ug/l  
RT: 7.379 min Scan# 1031  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 83 Resp: 55958  
Ion Ratio Lower Upper  
83 100  
55 72.7 57.9 86.9  
98 49.5 40.5 60.7

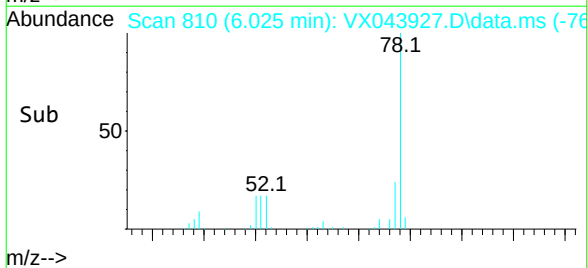
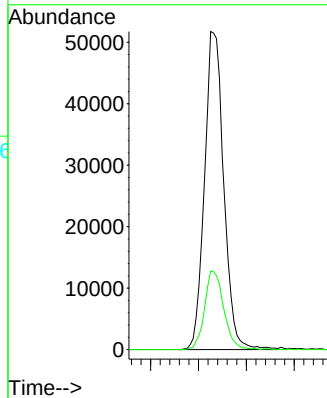
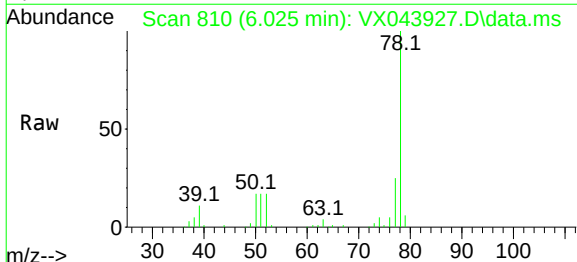
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

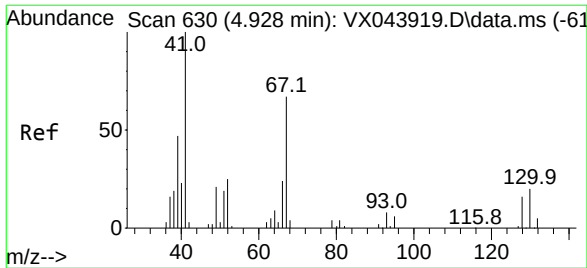


#40  
Benzene  
Concen: 22.144 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 78 Resp: 144401  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.8 29.8







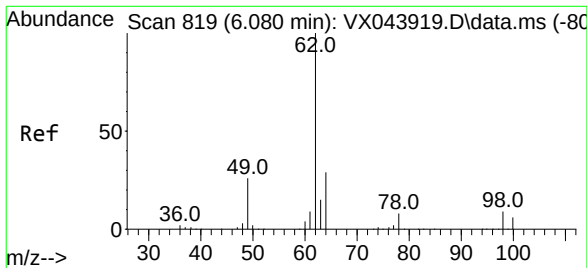
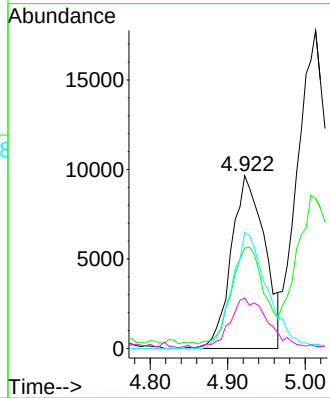
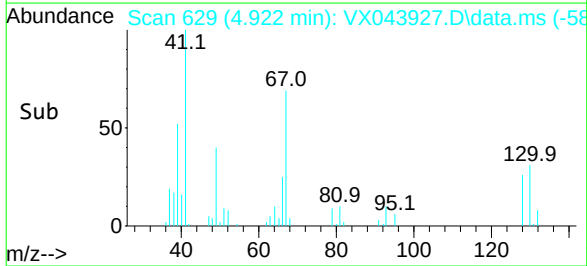
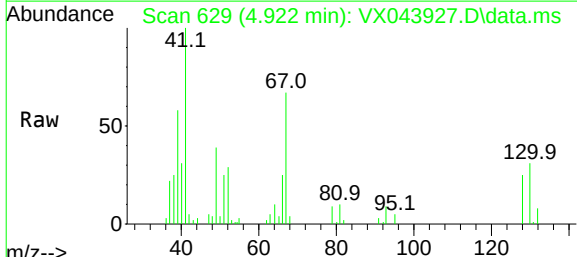
#41  
Methacrylonitrile  
Concen: 23.789 ug/l  
RT: 4.922 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 28938 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.1  | 41.2  | 61.8  |
| 67       | 72.7  | 60.3  | 90.5  |
| 52       | 34.7  | 24.3  | 36.5  |

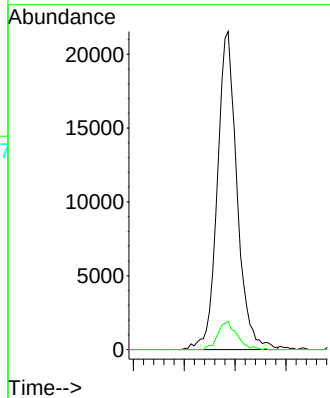
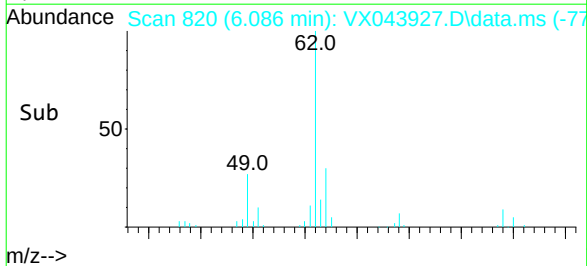
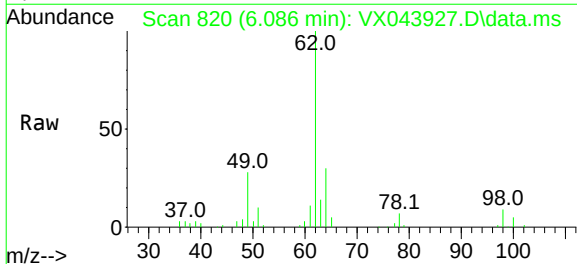
Manual Integrations  
APPROVED

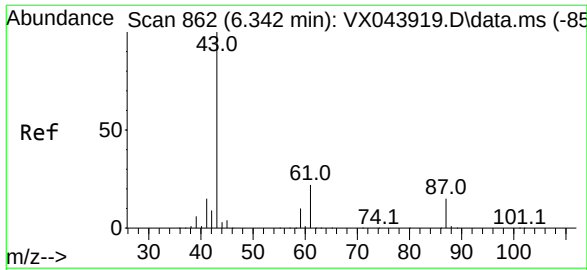
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#42  
1,2-Dichloroethane  
Concen: 24.487 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 57981 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.6   | 0.0   | 18.6  |





#43

Isopropyl Acetate

Concen: 24.054 ug/l

RT: 6.349 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

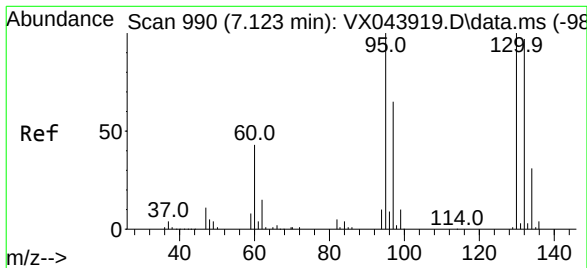
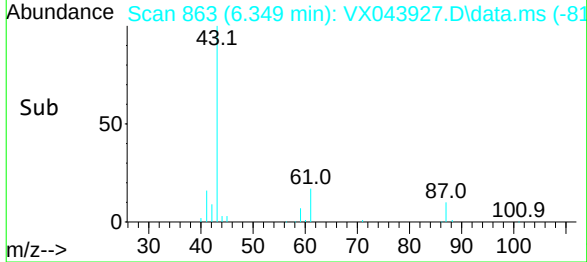
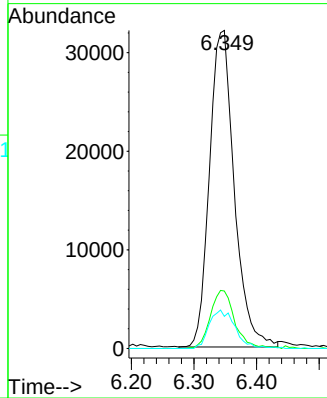
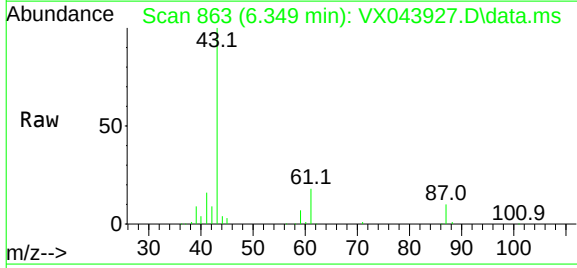
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 88577 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.9  | 16.9  | 25.3  |
| 87       | 12.6  | 11.9  | 17.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 20.270 ug/l

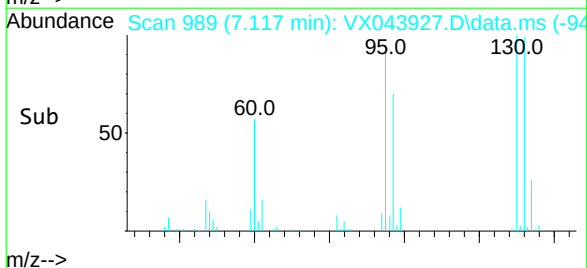
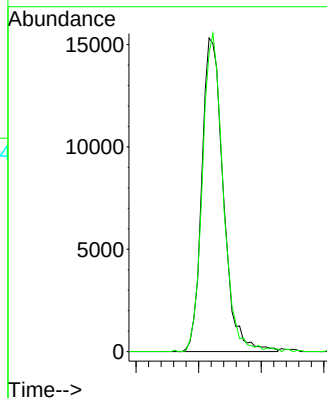
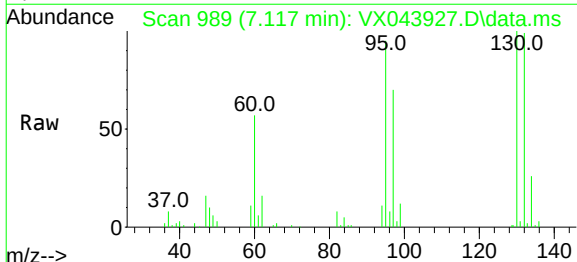
RT: 7.117 min Scan# 989

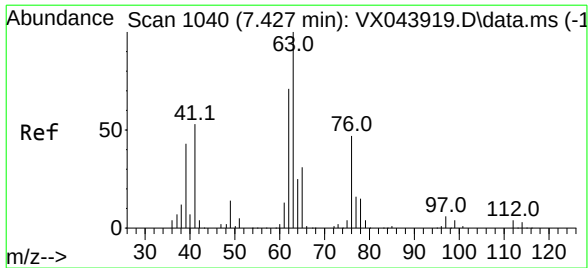
Delta R.T. -0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 36440 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 95.2  | 0.0   | 200.8 |





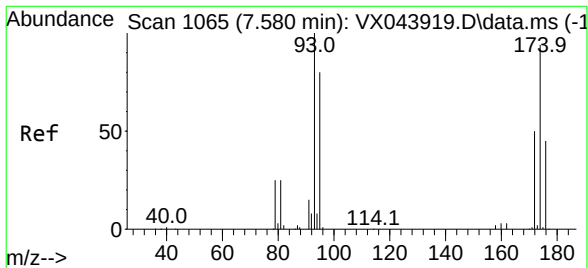
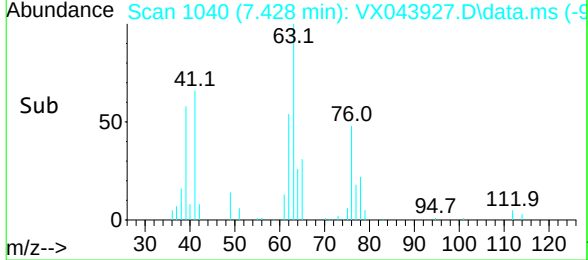
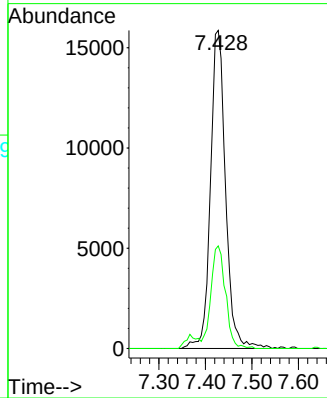
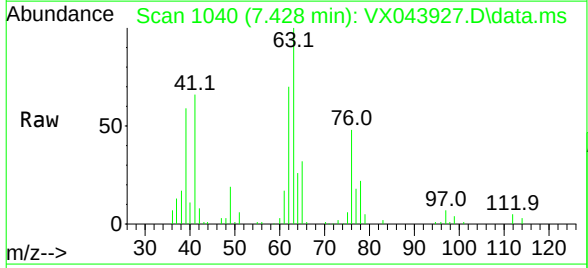
#45  
1,2-Dichloropropane  
Concen: 22.394 ug/l  
RT: 7.428 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 63 Resp: 35791  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.5 36.7

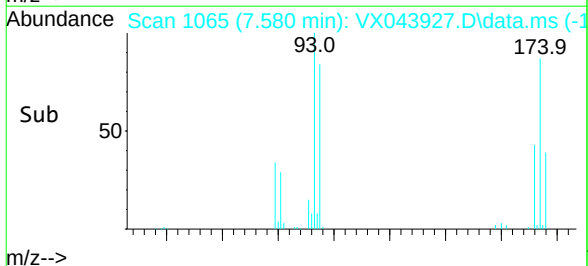
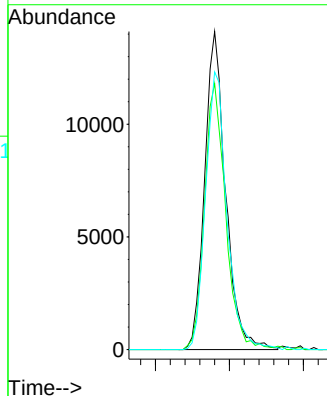
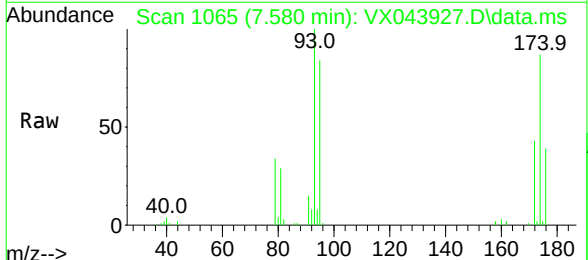
Manual Integrations  
APPROVED

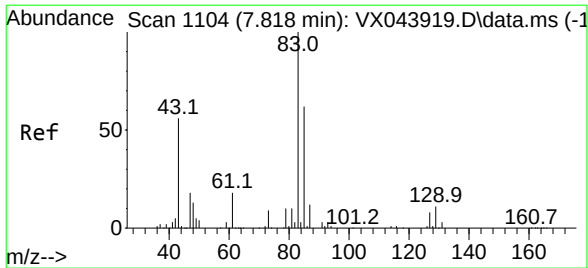
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#46  
Dibromomethane  
Concen: 23.082 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 93 Resp: 27799  
Ion Ratio Lower Upper  
93 100  
95 84.4 66.1 99.1  
174 89.0 75.2 112.8





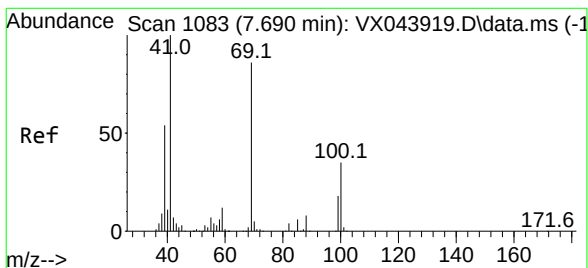
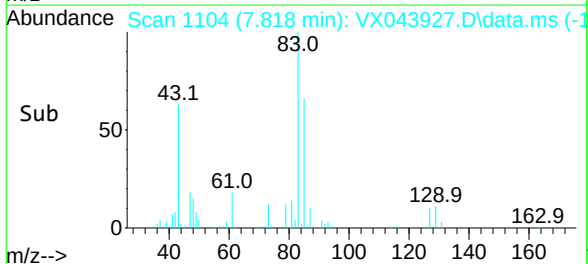
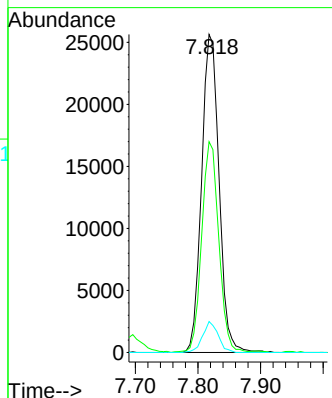
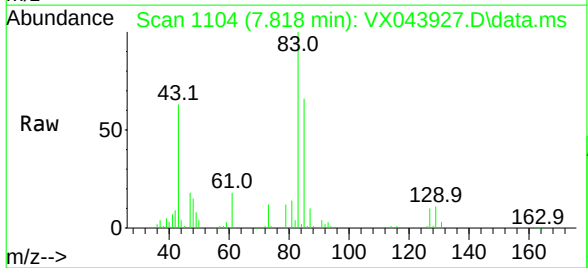
#47  
 Bromodichloromethane  
 Concen: 23.471 ug/l  
 RT: 7.818 min Scan# 1104  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 49665 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.3  | 49.4  | 74.0  |
| 127      | 9.7   | 6.2   | 9.4   |

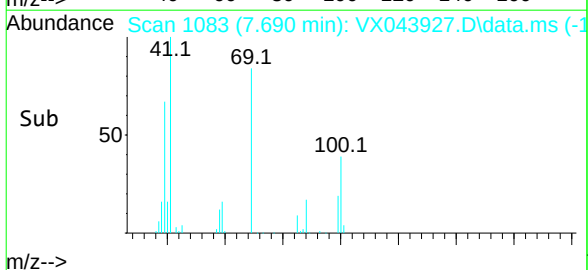
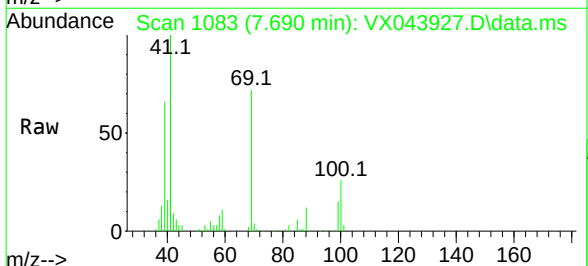
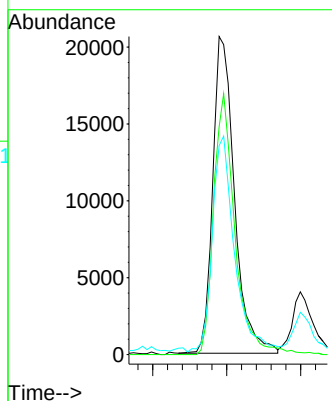
Manual Integrations  
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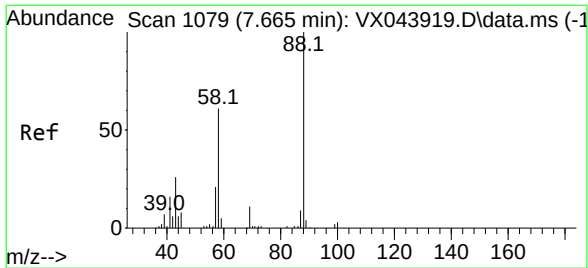
Reviewed By :John Carlone 11/22/2024  
 Supervised By :Mahesh Dadoda 11/22/2024



#48  
 Methyl methacrylate  
 Concen: 22.991 ug/l  
 RT: 7.690 min Scan# 1083  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 41962 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.5  | 72.1  | 108.1 |
| 39       | 69.6  | 43.8  | 65.8  |





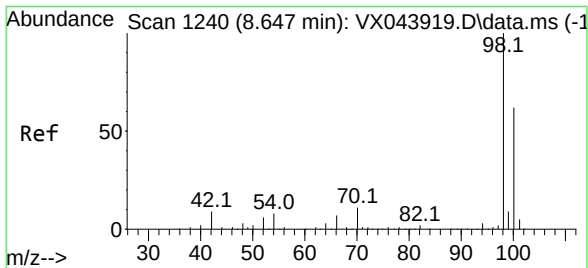
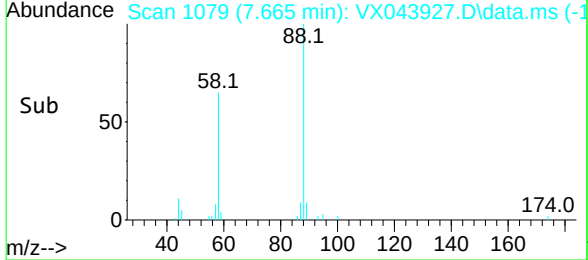
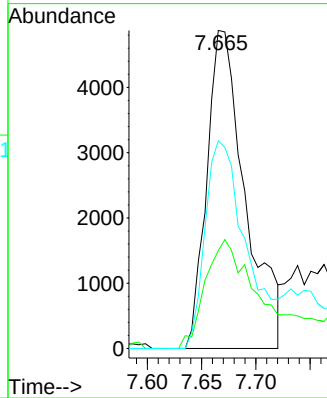
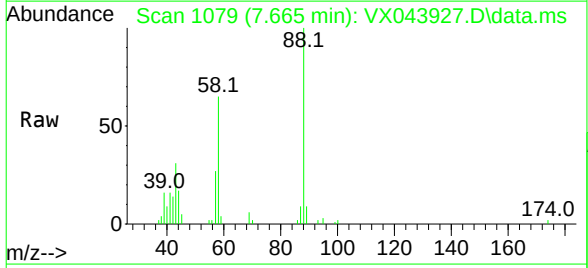
#49  
1,4-Dioxane  
Concen: 310.503 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 12071 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 52.5  | 17.4  | 26.0  |
| 58       | 69.7  | 41.0  | 61.6  |

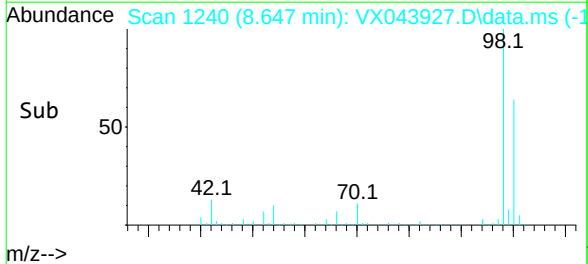
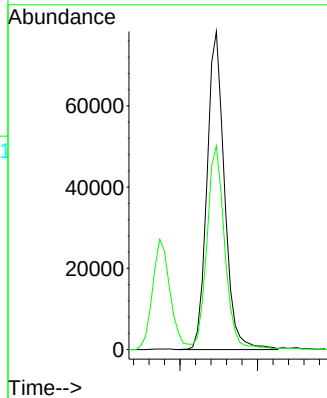
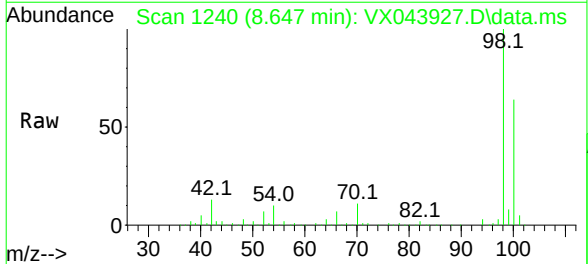
Manual Integrations  
APPROVED

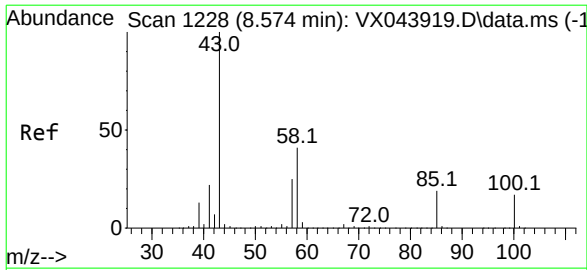
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#50  
Toluene-d8  
Concen: 22.060 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 122646 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.8  | 53.0  | 79.6   |





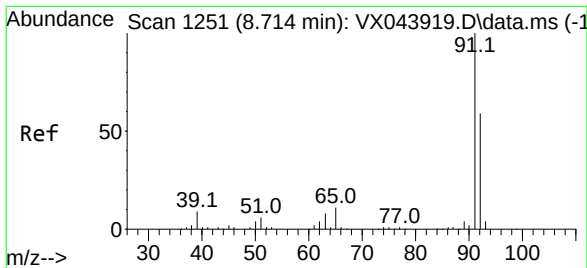
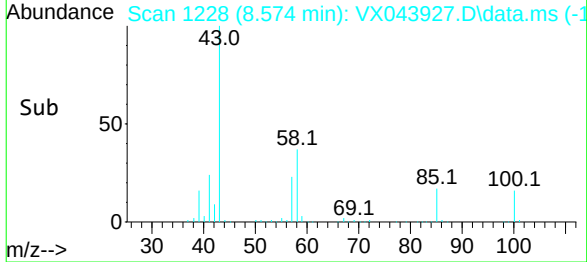
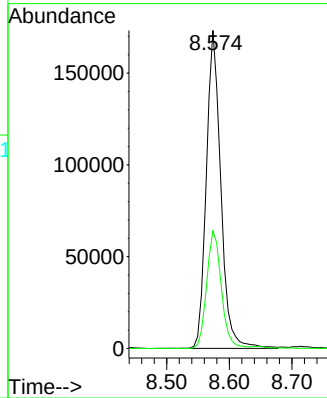
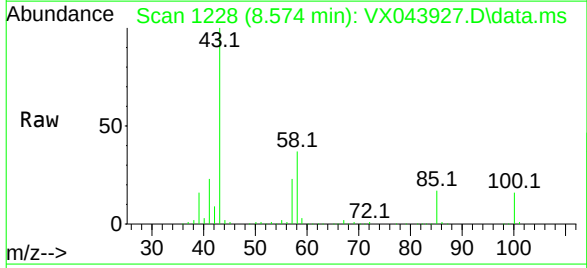
#51  
4-Methyl-2-Pentanone  
Concen: 121.285 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 43 Resp: 278479  
Ion Ratio Lower Upper  
43 100  
58 37.6 32.4 48.6

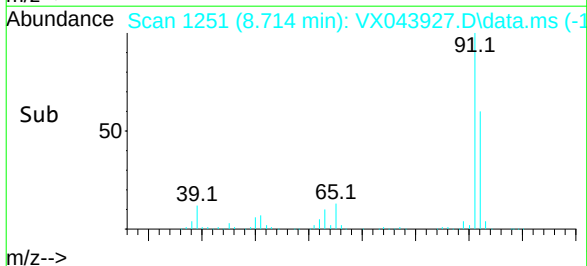
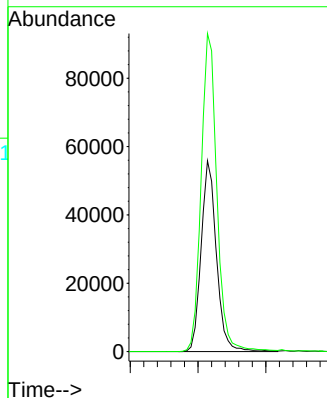
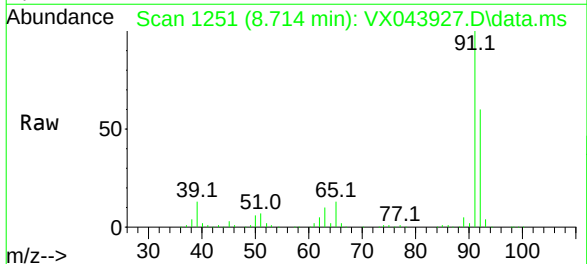
Manual Integrations  
APPROVED

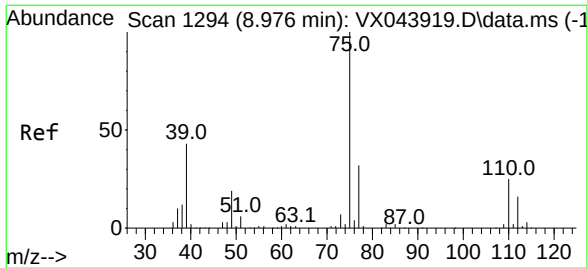
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#52  
Toluene  
Concen: 23.277 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 92 Resp: 87569  
Ion Ratio Lower Upper  
92 100  
91 171.0 136.2 204.4





#53  
 t-1,3-Dichloropropene  
 Concen: 23.425 ug/l  
 RT: 8.976 min Scan# 1294  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

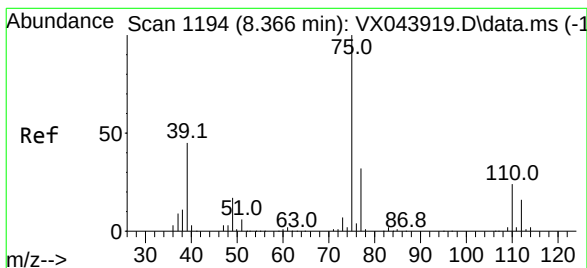
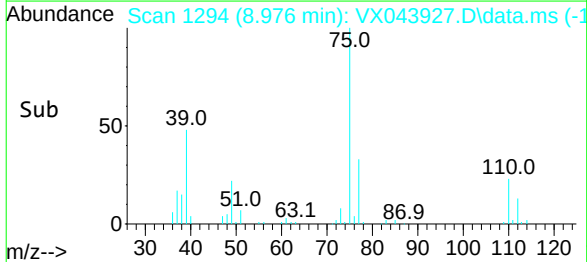
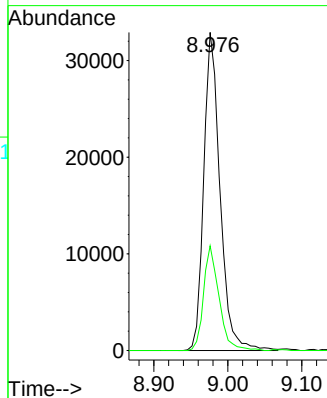
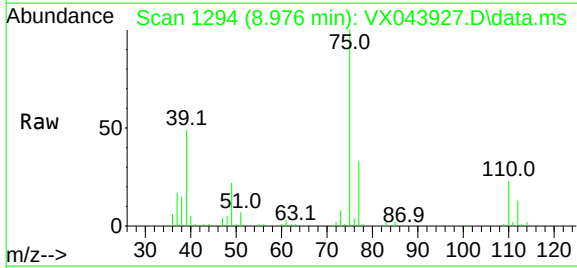
VSTDICC020

Tgt Ion: 75 Resp: 50294  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.9 38.9

Manual Integrations

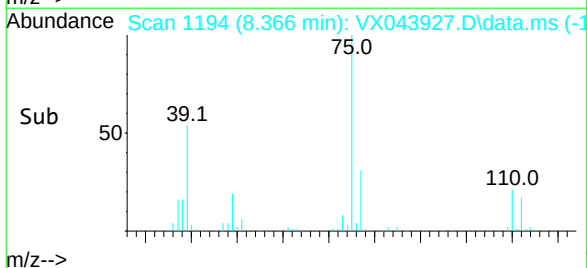
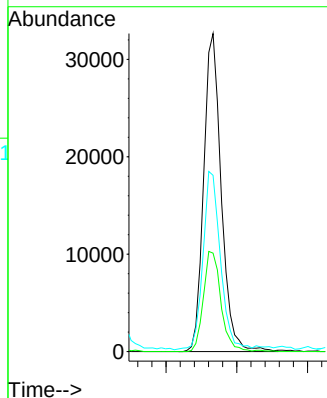
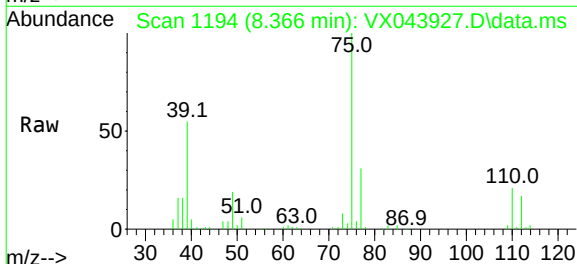
APPROVED

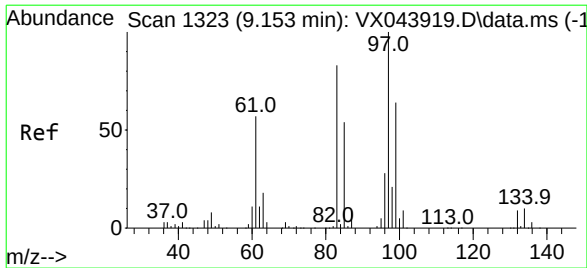
Reviewed By :John Carlone 11/22/2024  
 Supervised By :Mahesh Dadoda 11/22/2024



#54  
 cis-1,3-Dichloropropene  
 Concen: 23.184 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX043927.D  
 Acq: 21 Nov 2024 10:37

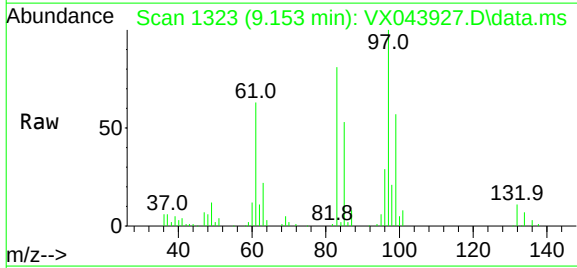
Tgt Ion: 75 Resp: 56407  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.4 38.2  
 39 54.6 36.1 54.1#





#55  
1,1,2-Trichloroethane  
Concen: 25.308 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

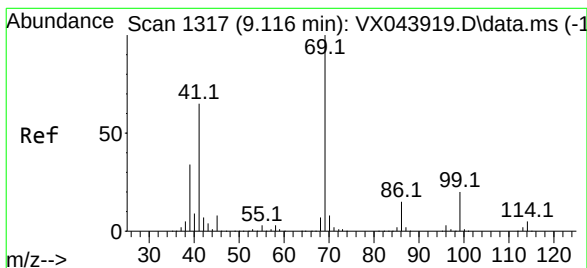
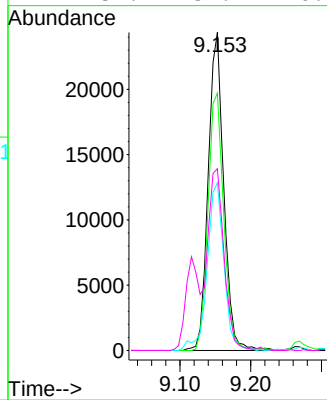
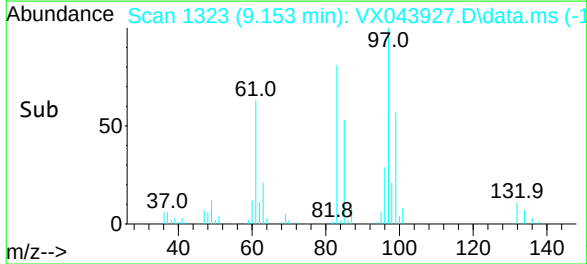
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



| Tgt Ion: | 97    | Resp: | 37148 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.0  | 66.5  | 99.7  |
| 85       | 52.7  | 43.4  | 65.2  |
| 99       | 57.2  | 51.2  | 76.8  |

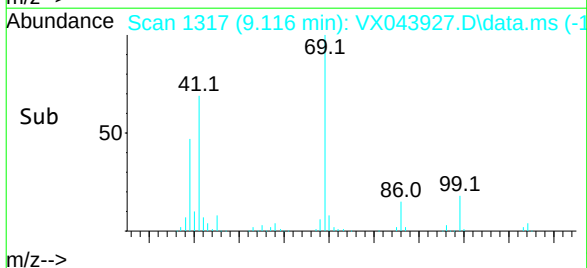
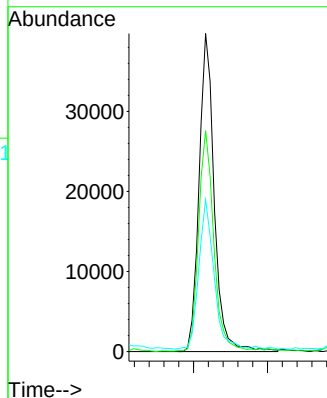
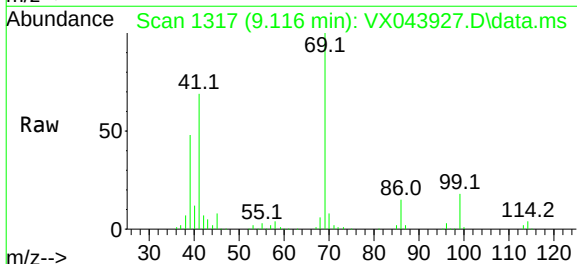
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Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

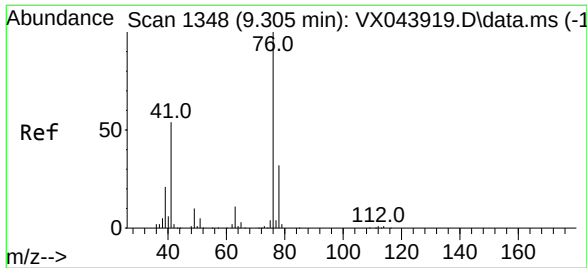


#56  
Ethyl methacrylate  
Concen: 24.347 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

| Tgt Ion: | 69    | Resp: | 56585 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.0  | 51.7  | 77.5  |
| 39       | 46.7  | 26.8  | 40.2  |







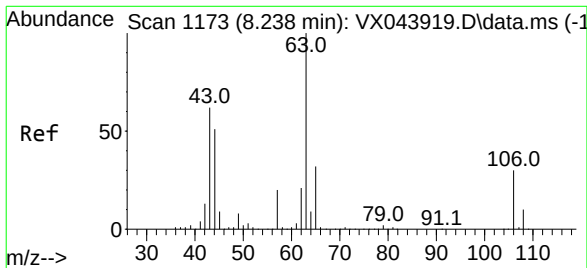
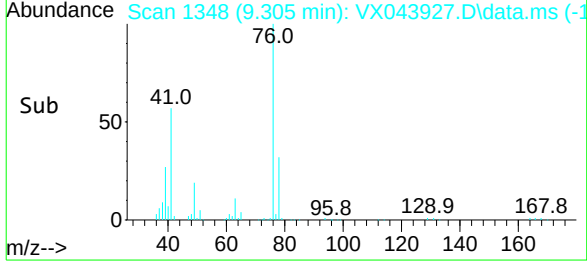
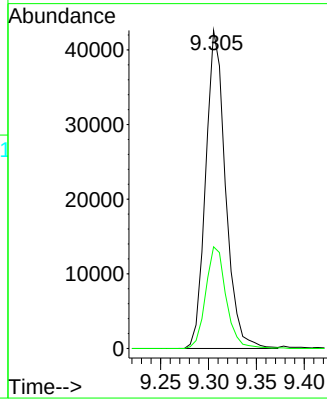
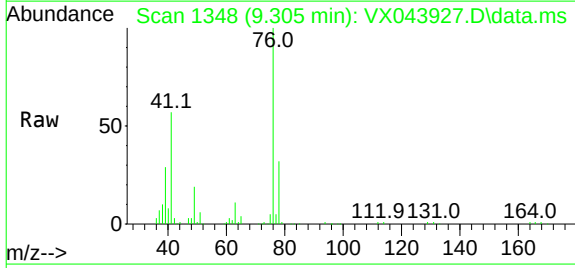
#57  
1,3-Dichloropropane  
Concen: 24.976 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 76 Resp: 61420  
Ion Ratio Lower Upper  
76 100  
78 33.0 25.9 38.9

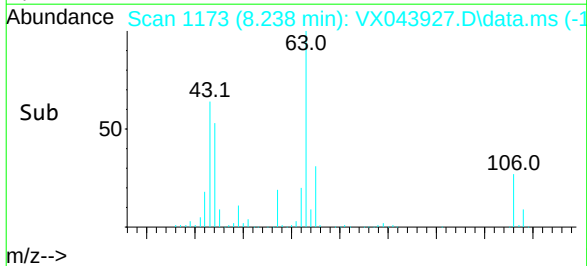
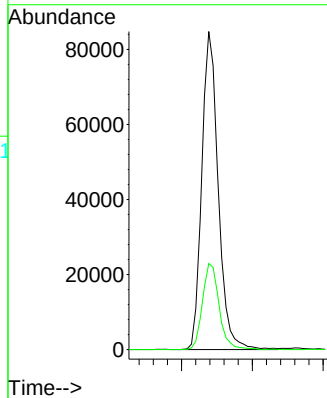
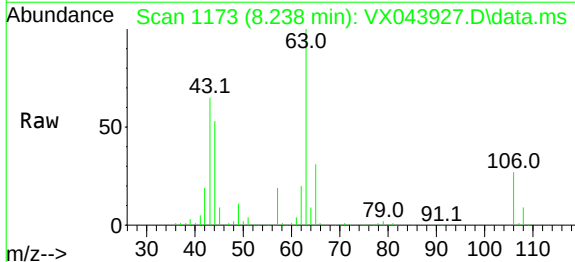
Manual Integrations  
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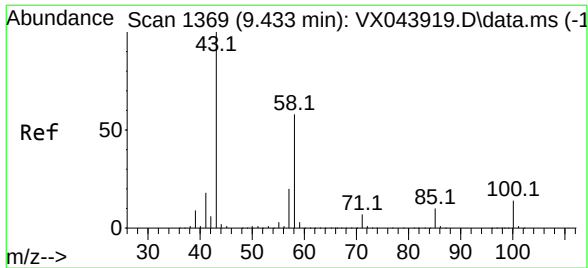
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 112.277 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 63 Resp: 136842  
Ion Ratio Lower Upper  
63 100  
106 27.4 23.8 35.6





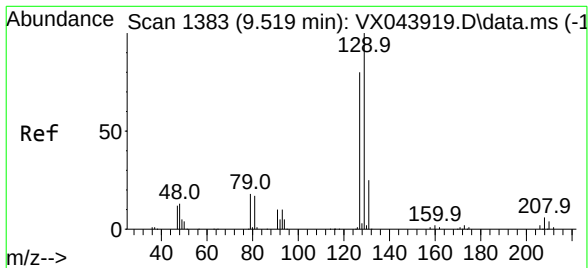
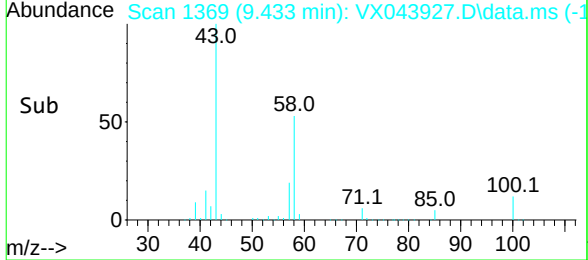
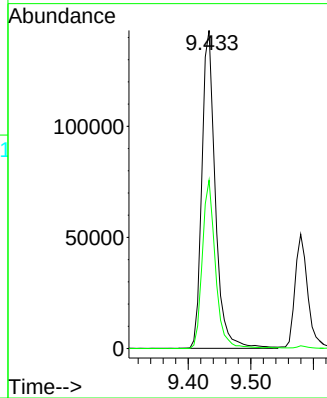
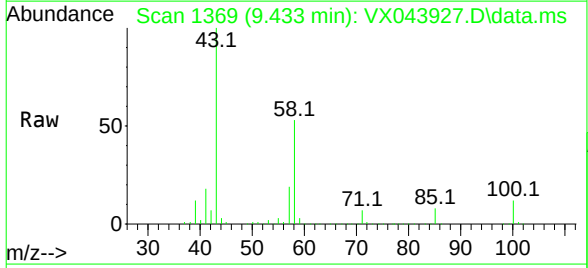
#59  
2-Hexanone  
Concen: 131.869 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion: 43 Resp: 213629  
Ion Ratio Lower Upper  
43 100  
58 51.6 28.3 84.9

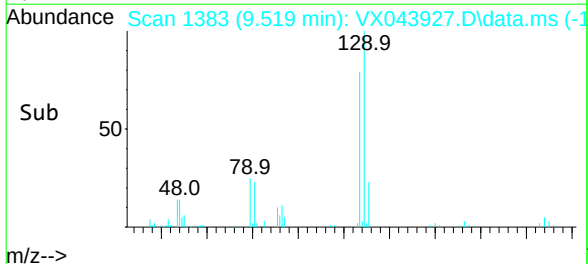
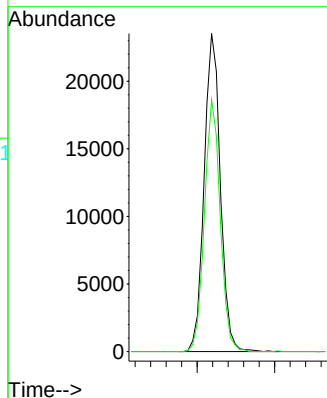
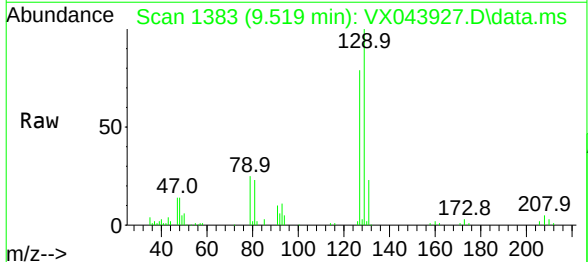
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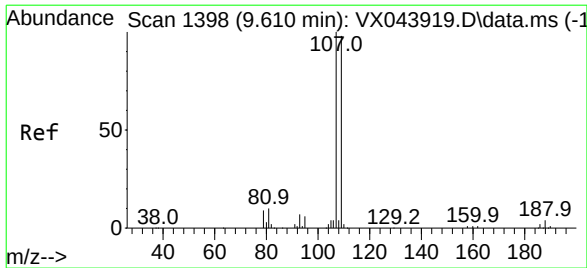
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#60  
Dibromochloromethane  
Concen: 23.864 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion:129 Resp: 34133  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 115.8





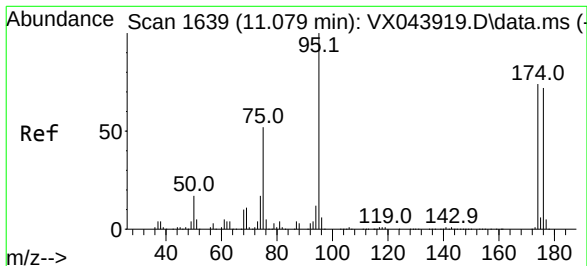
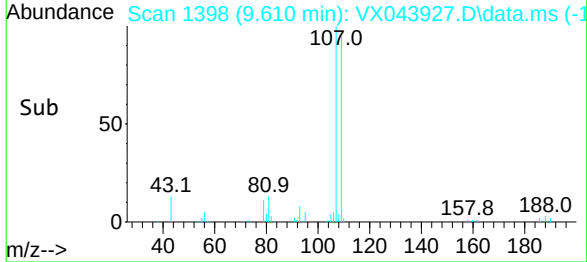
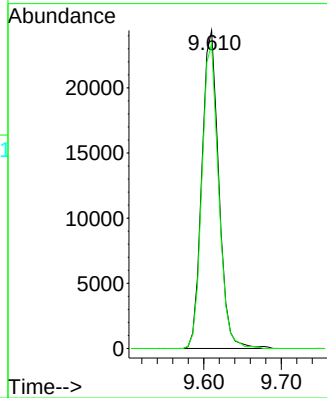
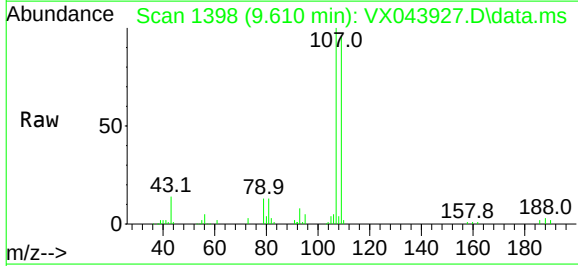
#61  
1,2-Dibromoethane  
Concen: 24.156 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion:107 Resp: 36985  
Ion Ratio Lower Upper  
107 100  
109 94.7 76.2 114.2

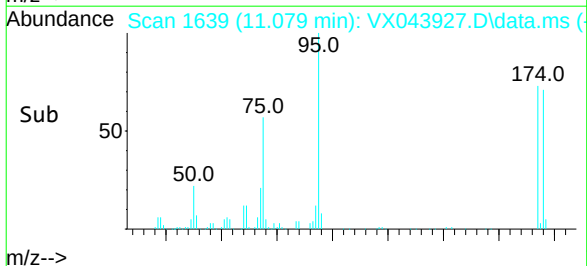
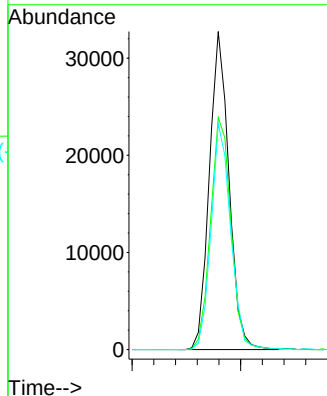
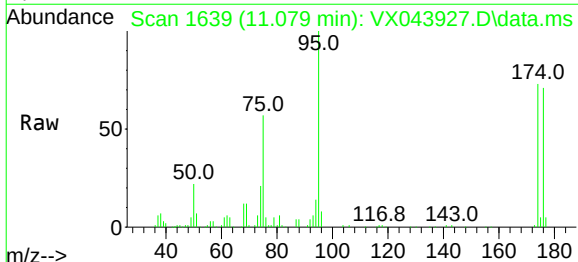
Manual Integrations  
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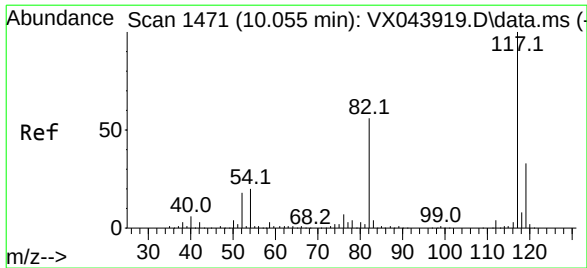
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#62  
4-Bromofluorobenzene  
Concen: 22.365 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 95 Resp: 41087  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 152.2  
176 71.1 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

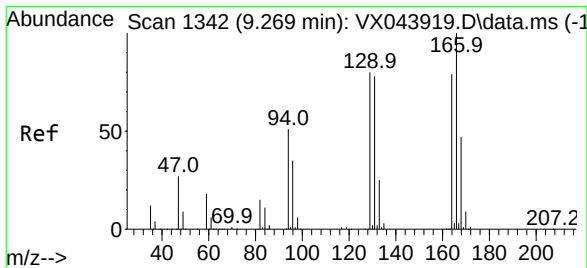
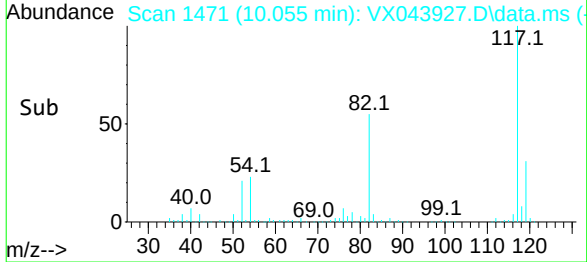
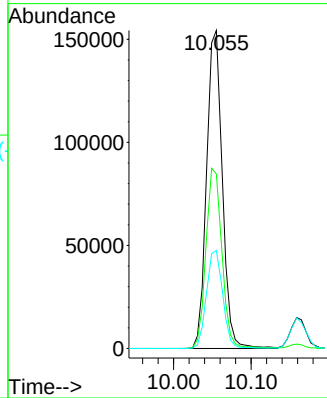
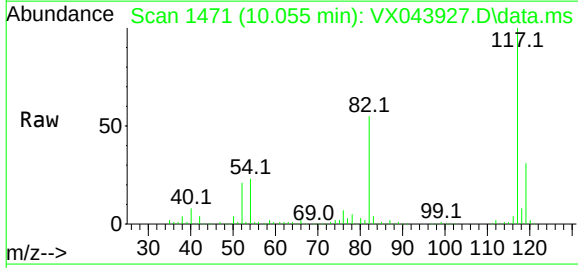
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 217871 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.9  | 44.6  | 67.0   |
| 119      | 30.8  | 26.5  | 39.7   |

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#64

Tetrachloroethene

Concen: 20.948 ug/l

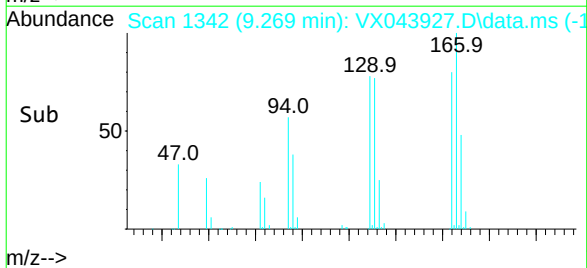
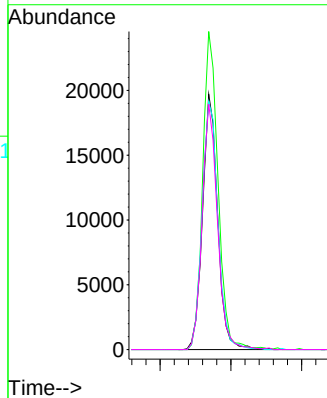
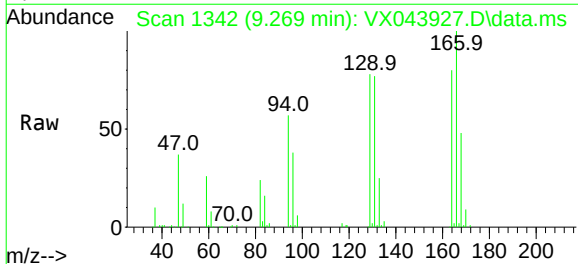
RT: 9.269 min Scan# 1342

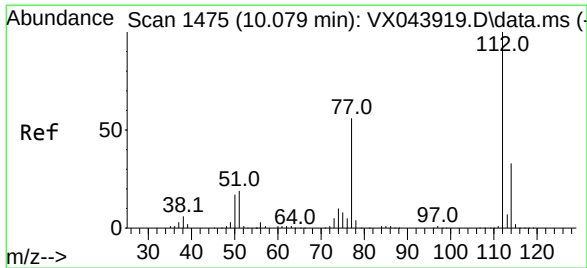
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 29274 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 124.6 | 100.9 | 151.3 |
| 129      | 97.2  | 80.3  | 120.5 |
| 131      | 96.1  | 78.3  | 117.5 |





#65

Chlorobenzene

Concen: 21.197 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

Tgt Ion:112 Resp: 96469

Ion Ratio Lower Upper

112 100

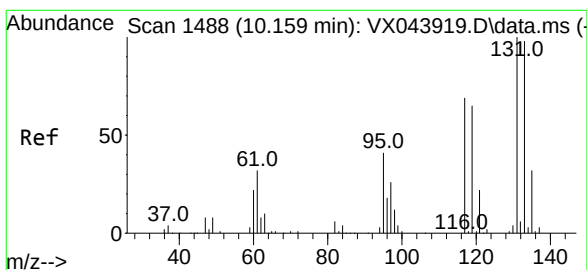
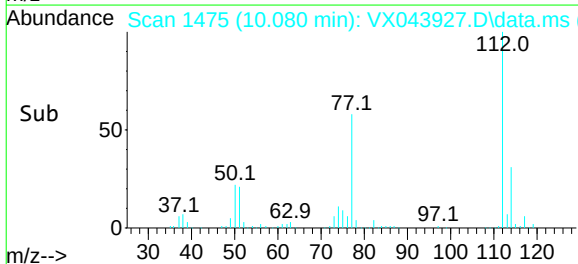
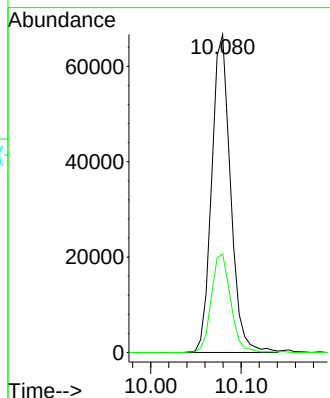
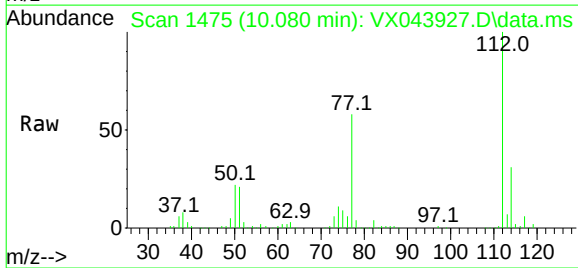
114 31.0 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.360 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

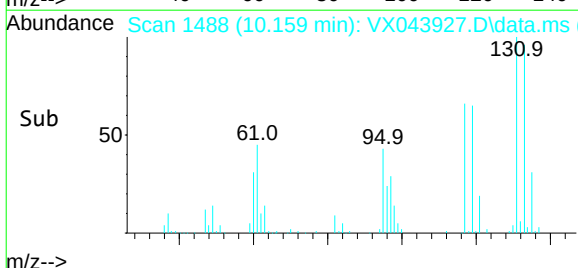
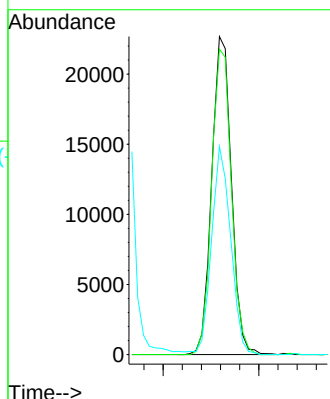
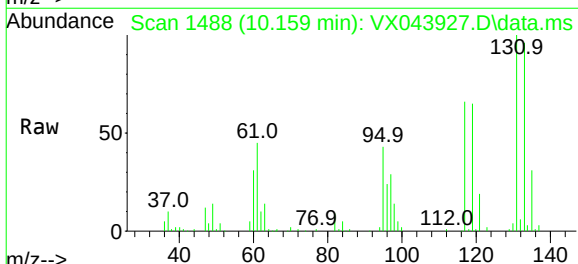
Tgt Ion:131 Resp: 32353

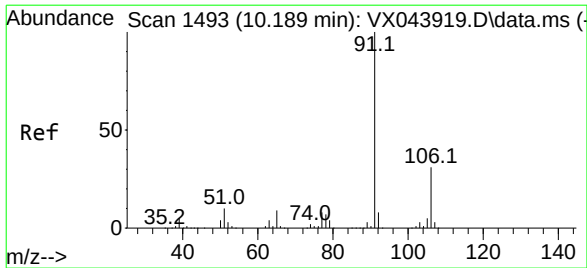
Ion Ratio Lower Upper

131 100

133 96.2 48.8 146.3

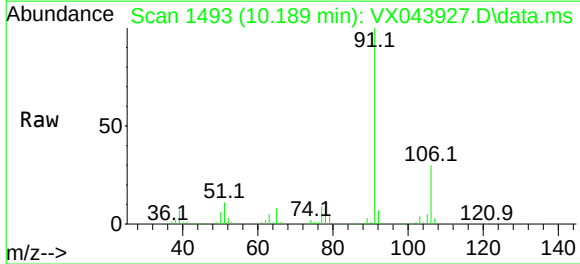
119 63.7 32.9 98.7





#67  
Ethyl Benzene  
Concen: 21.731 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

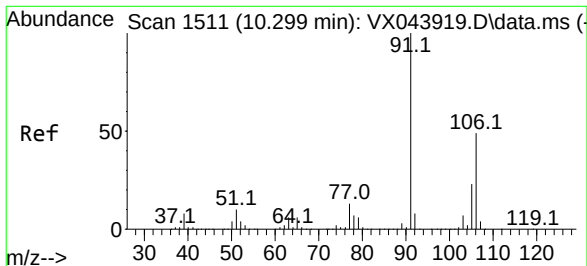
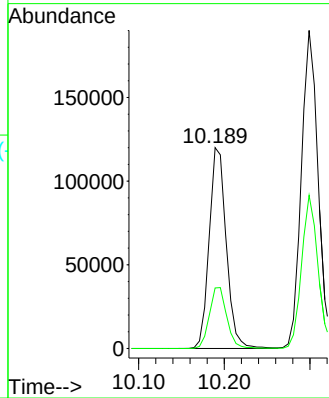
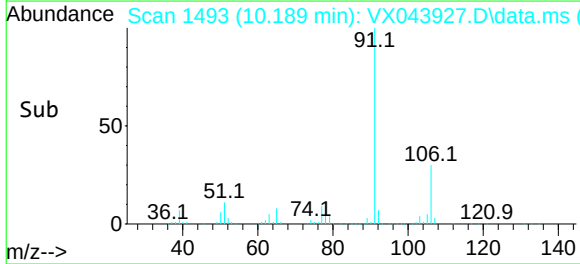
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020



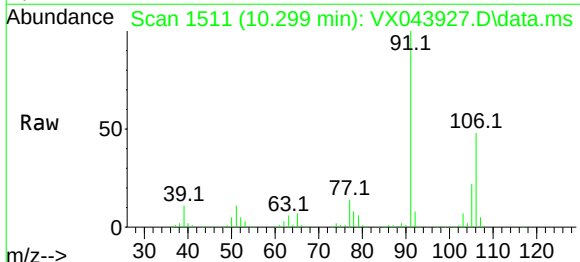
Tgt Ion: 91 Resp: 166435  
Ion Ratio Lower Upper  
91 100  
106 30.1 25.0 37.4

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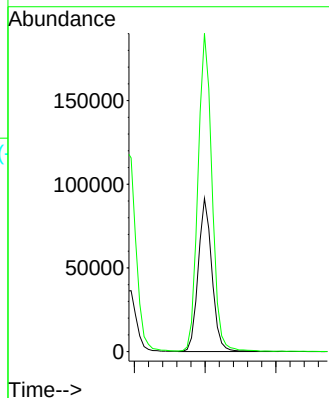
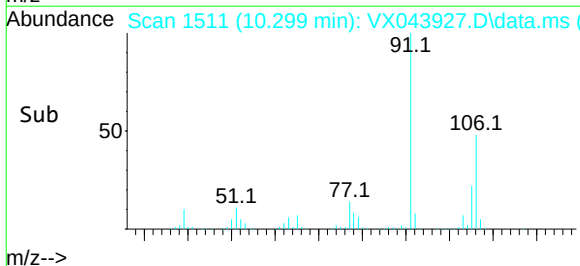
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

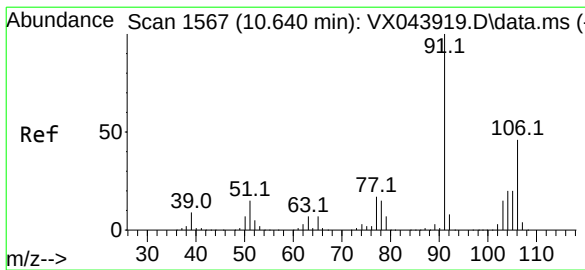


#68  
m/p-Xylenes  
Concen: 42.997 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37



Tgt Ion:106 Resp: 122658  
Ion Ratio Lower Upper  
106 100  
91 211.9 163.3 244.9





#69

o-Xylene

Concen: 21.648 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

Tgt Ion:106 Resp: 60254

Ion Ratio Lower Upper

106 100

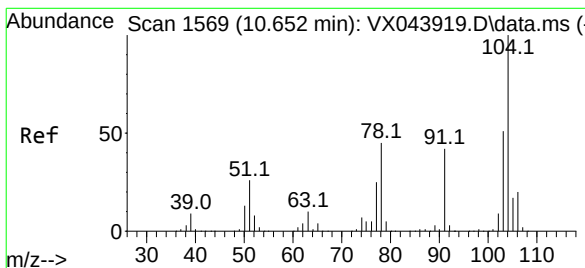
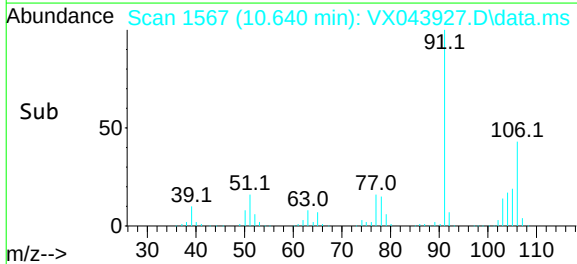
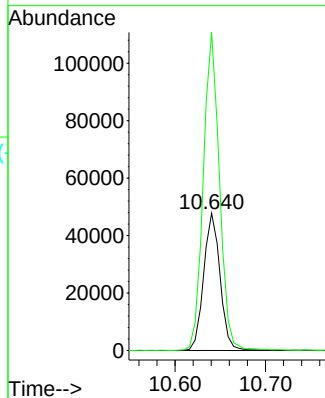
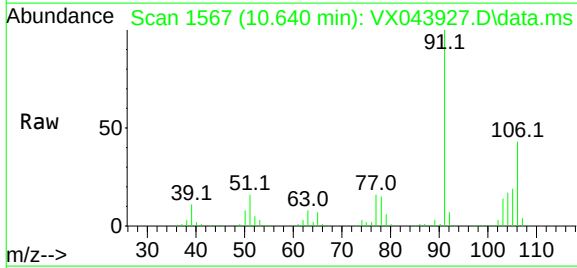
91 229.5 109.6 328.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#70

Styrene

Concen: 22.308 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

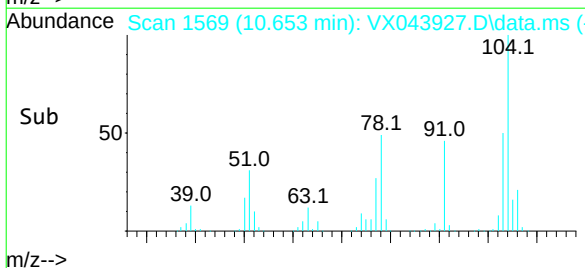
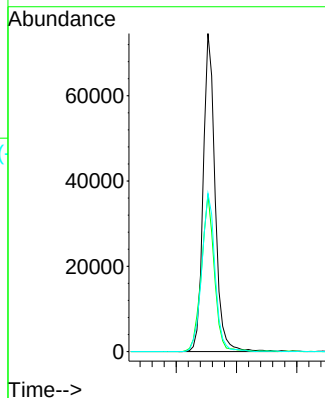
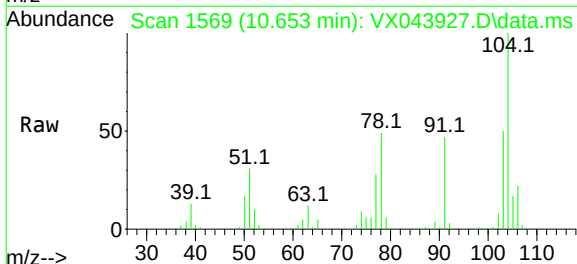
Tgt Ion:104 Resp: 102329

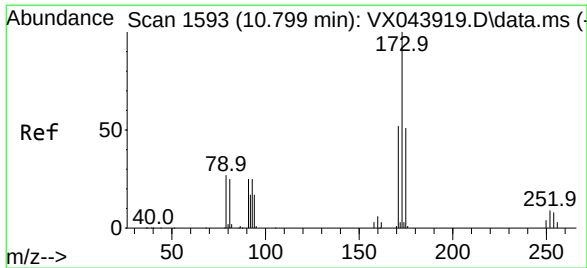
Ion Ratio Lower Upper

104 100

78 53.5 40.3 60.5

103 55.5 43.9 65.9





#71

Bromoform

Concen: 19.555 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

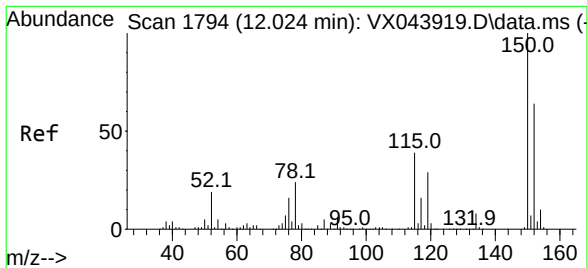
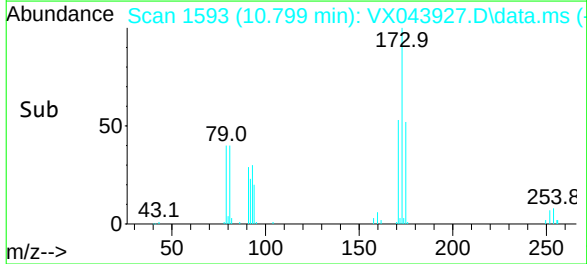
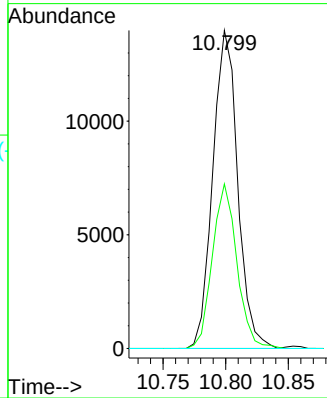
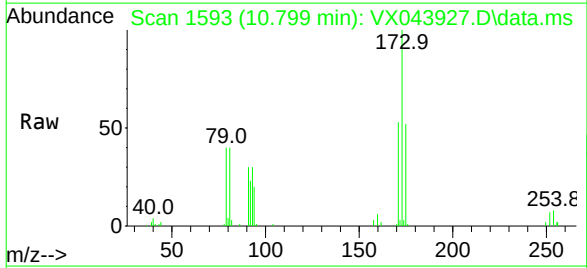
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 19329 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 51.0  | 24.6  | 73.8  |
| 254       | 0.0   | 0.1   | 0.1#  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

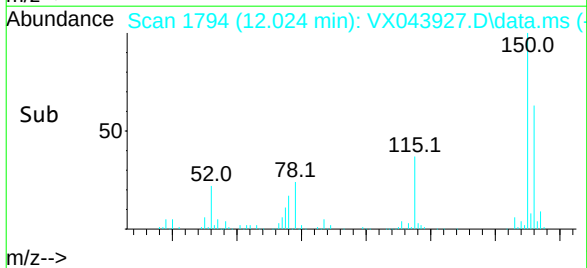
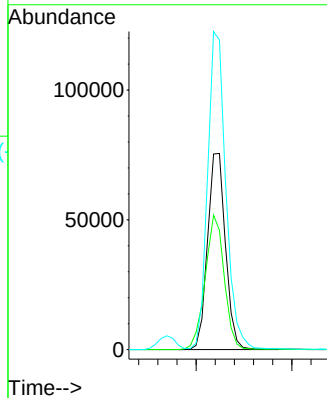
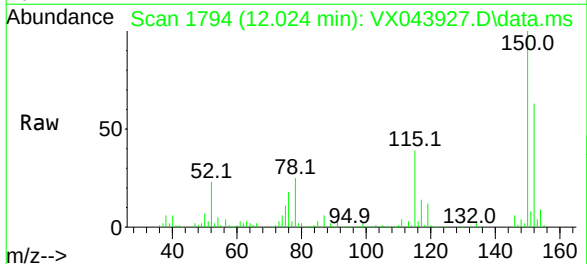
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

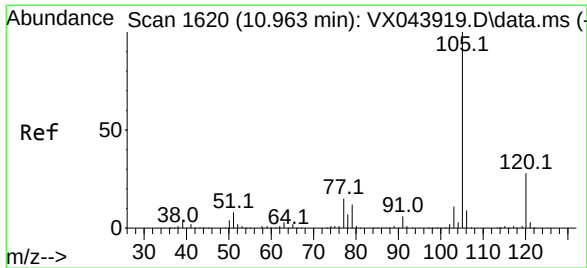
Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 98477 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 73.0  | 42.1  | 126.3 |
| 150       | 165.0 | 0.0   | 348.2 |







#73

Isopropylbenzene

Concen: 22.393 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 157405

Ion Ratio Lower Upper

105 100

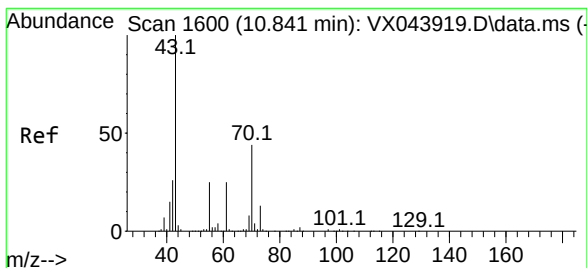
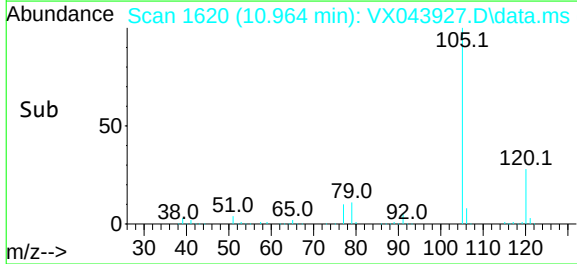
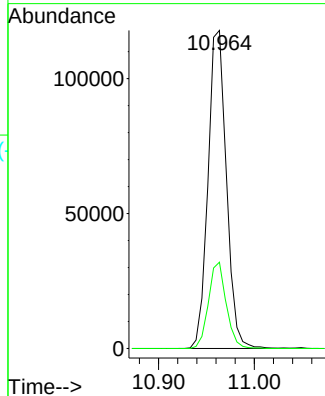
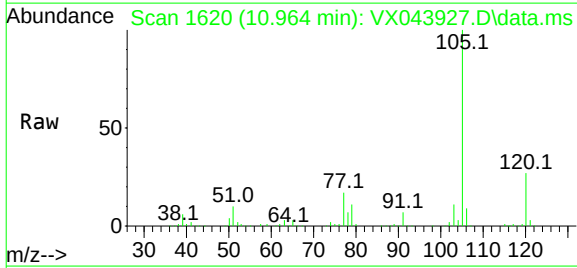
120 26.2 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 23.459 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Tgt Ion: 43 Resp: 73525

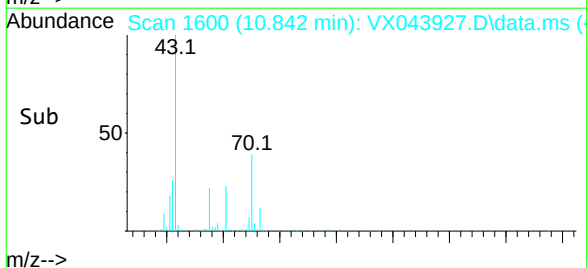
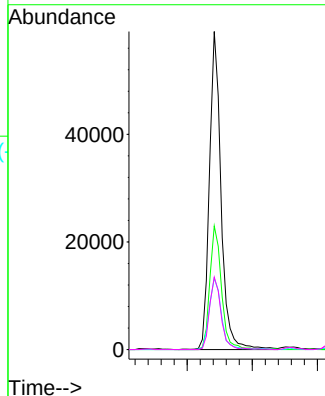
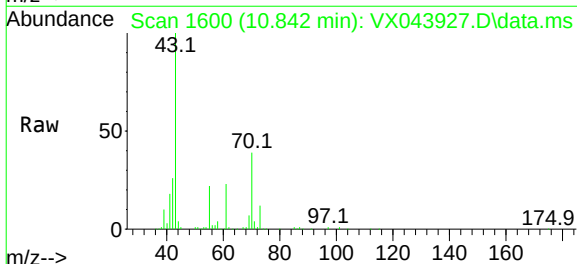
Ion Ratio Lower Upper

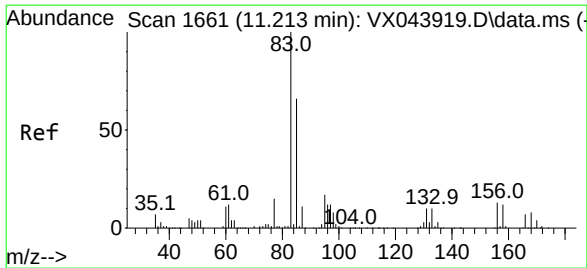
43 100

70 39.1 36.5 54.7

55 23.3 19.6 29.4

61 22.6 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.787 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

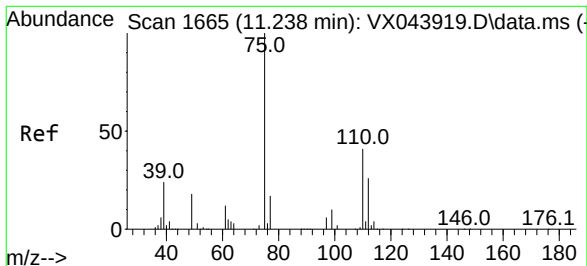
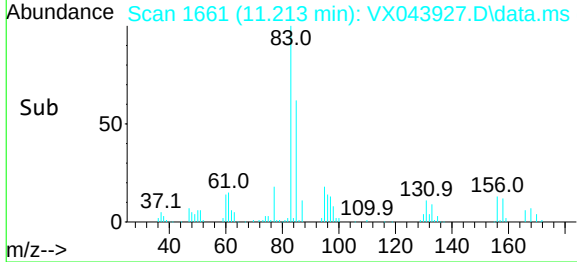
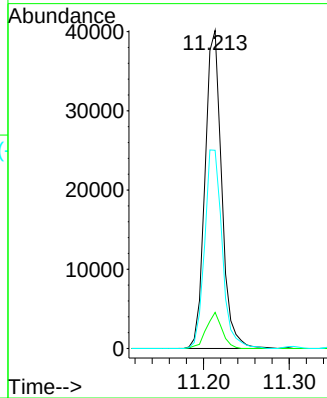
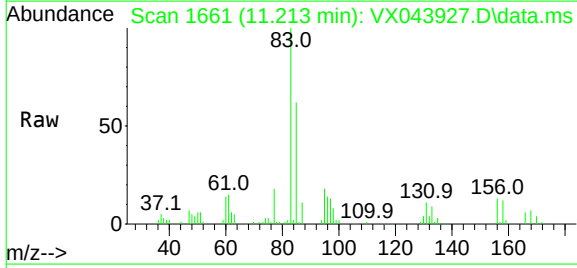
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 54158 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 5.1   | 15.3  |
| 85        | 65.7  | 32.3  | 96.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#76

1,2,3-Trichloropropane

Concen: 22.601 ug/l m

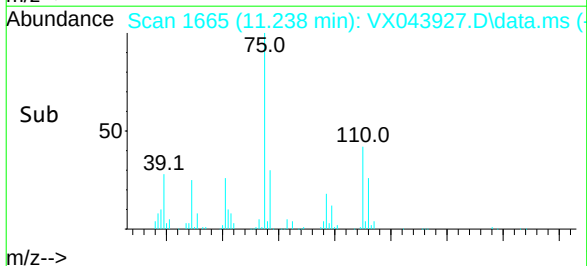
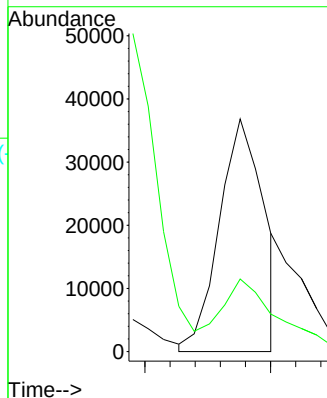
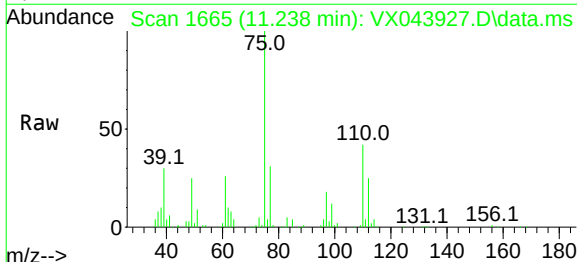
RT: 11.238 min Scan# 1665

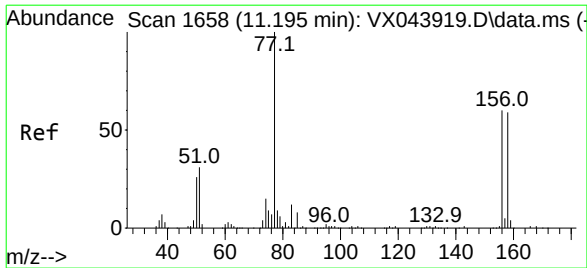
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 45423 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 40.9  | 22.4  | 67.0  |





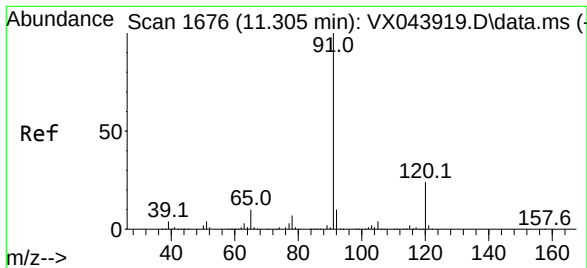
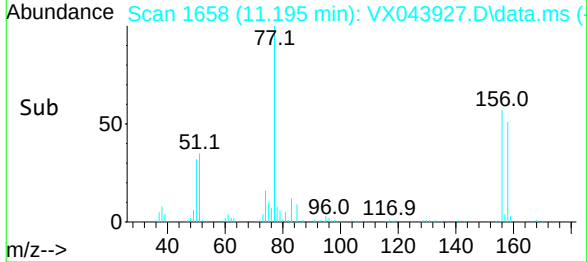
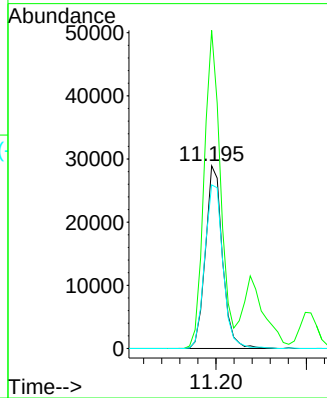
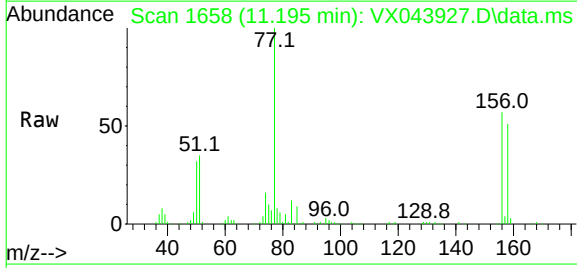
#77  
Bromobenzene  
Concen: 21.843 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 167.6 | 81.2  | 243.6 |
| 158     | 96.0  | 48.6  | 145.8 |

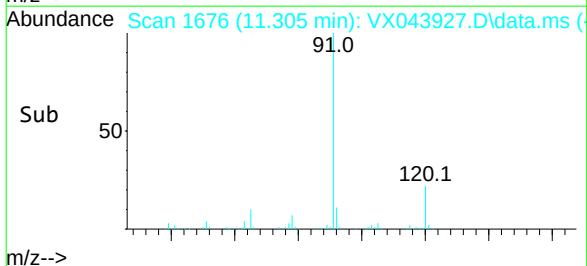
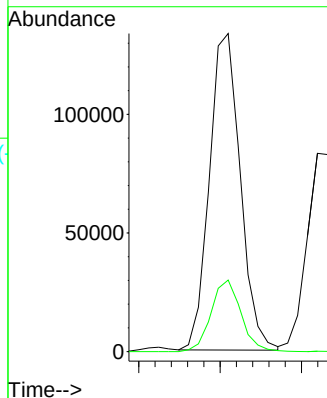
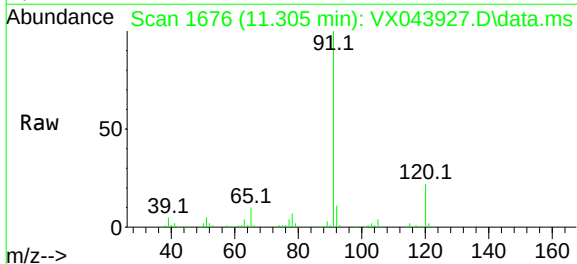
Manual Integrations  
APPROVED

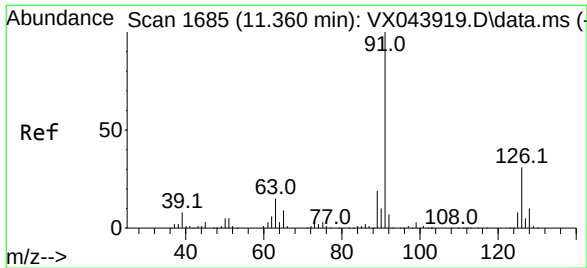
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#78  
n-propylbenzene  
Concen: 22.696 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

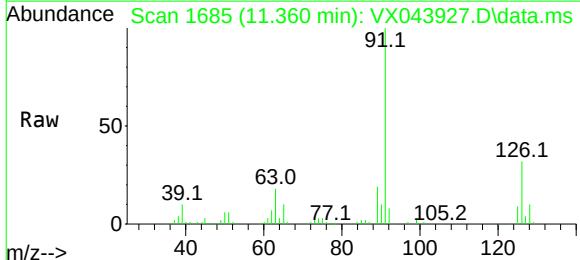
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.8  | 11.5  | 34.5  |





#79  
2-Chlorotoluene  
Concen: 22.894 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

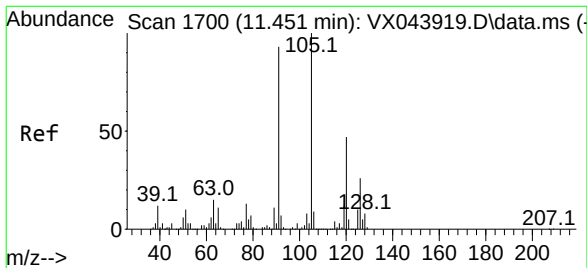
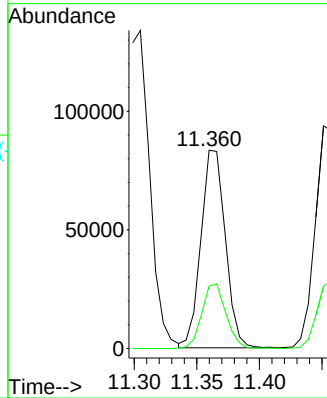
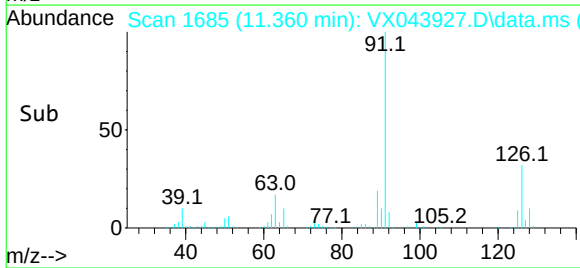
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020



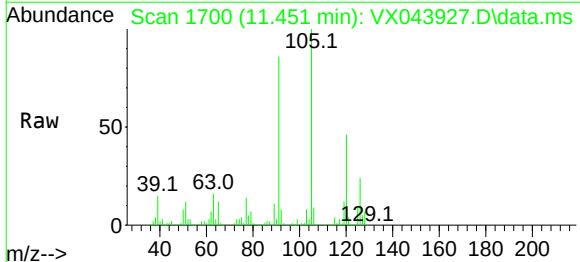
Tgt Ion: 91 Resp: 112986  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.4 49.4

Manual Integrations  
APPROVED

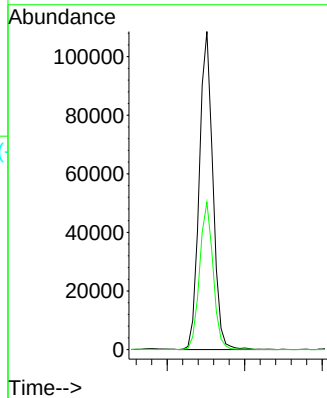
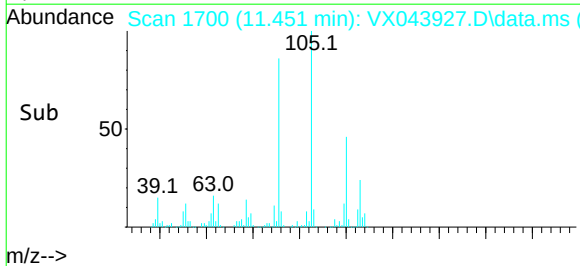
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024

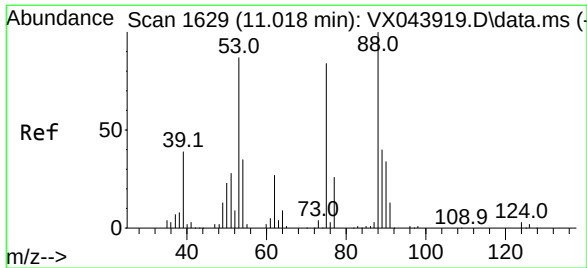


#80  
1,3,5-Trimethylbenzene  
Concen: 22.662 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37



Tgt Ion:105 Resp: 132041  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.8 71.5





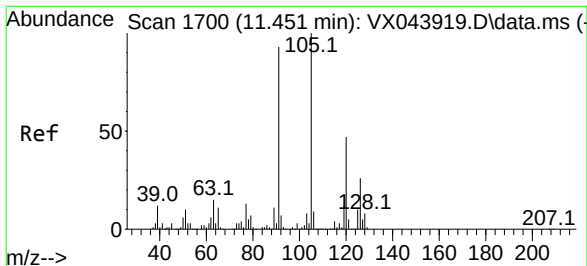
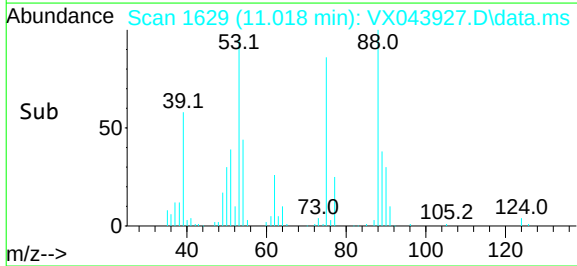
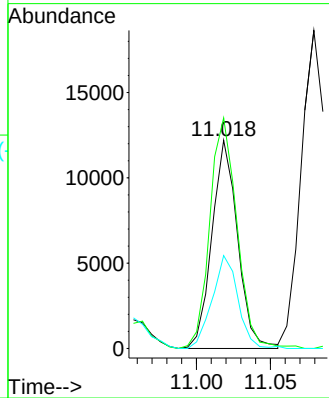
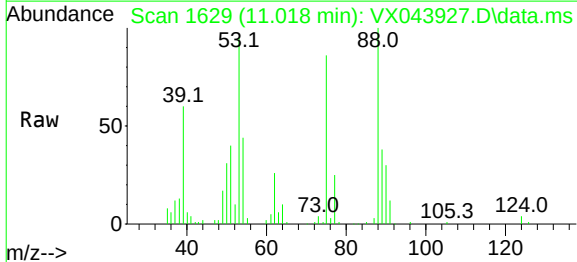
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.654 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC020

Tgt Ion: 75 Resp: 14743  
Ion Ratio Lower Upper  
75 100  
53 116.9 81.7 122.5  
89 44.8 38.6 57.8

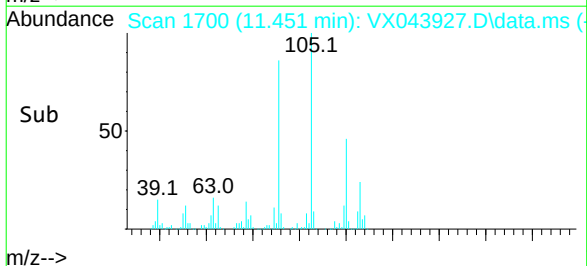
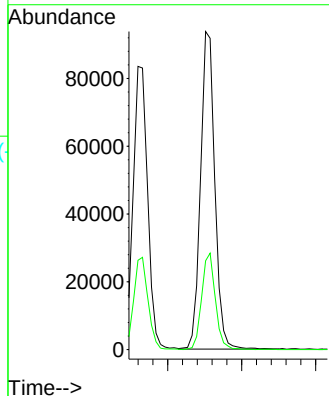
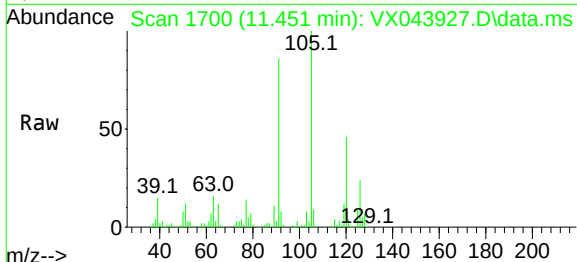
Manual Integrations  
APPROVED

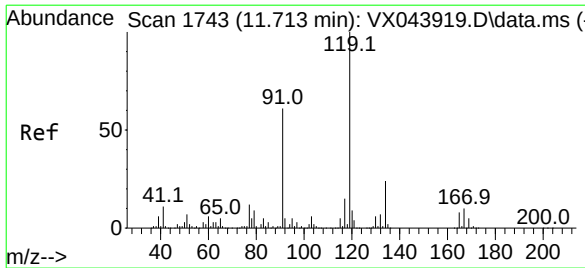
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#82  
4-Chlorotoluene  
Concen: 22.085 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion: 91 Resp: 125521  
Ion Ratio Lower Upper  
91 100  
126 29.2 14.4 43.2





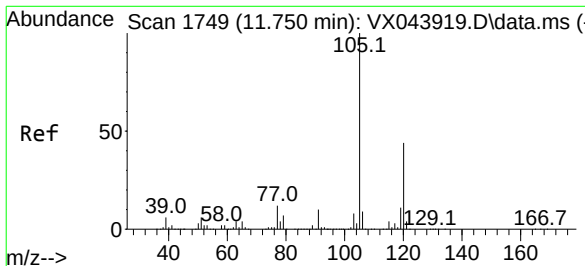
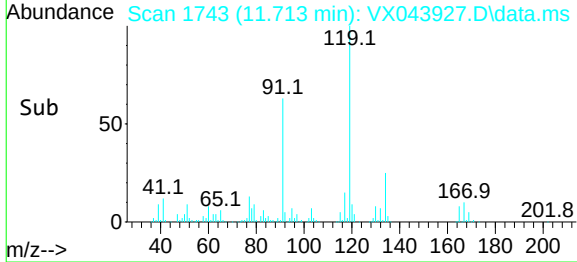
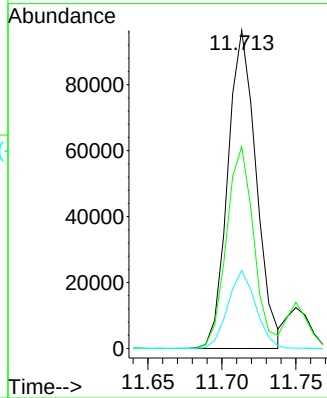
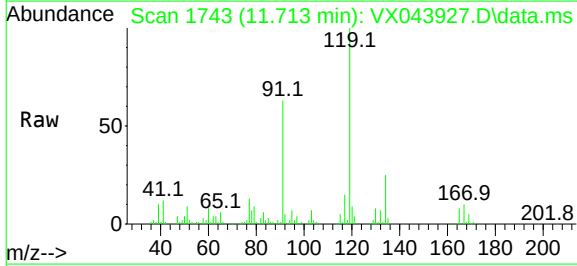
#83  
tert-Butylbenzene  
Concen: 21.582 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 119   | Resp: | 128636 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 61.4  | 29.5  | 88.6   |
| 134       | 24.2  | 11.8  | 35.3   |

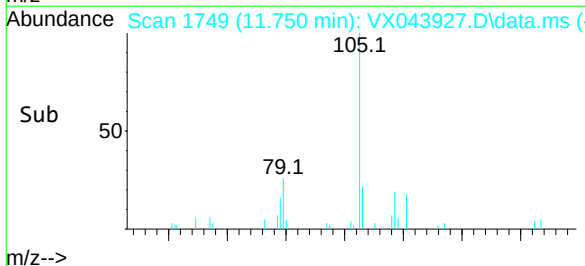
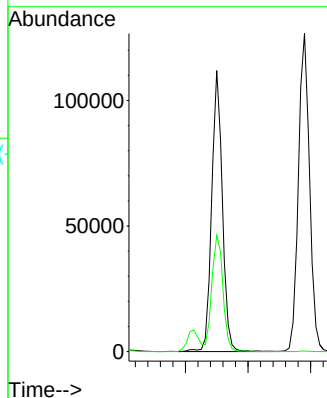
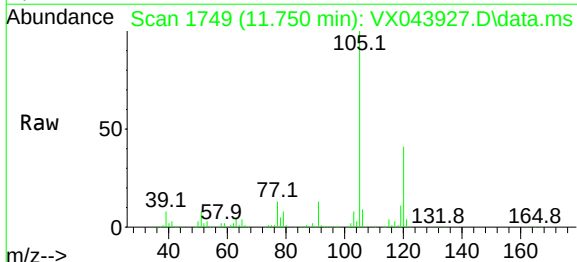
Manual Integrations  
APPROVED

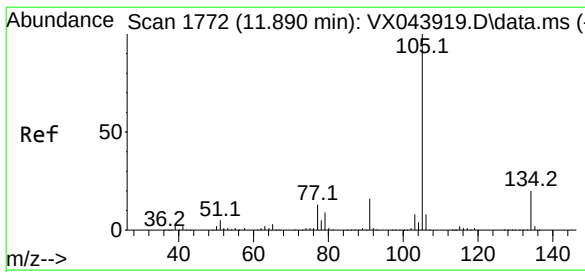
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#84  
1,2,4-Trimethylbenzene  
Concen: 22.408 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 132595 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 42.9  | 21.7  | 65.1   |





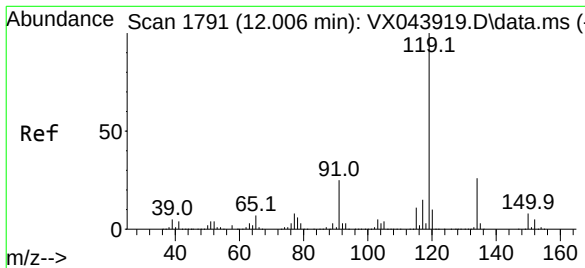
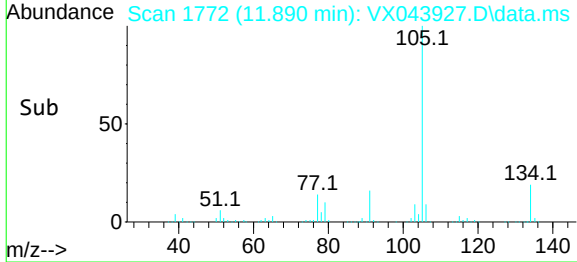
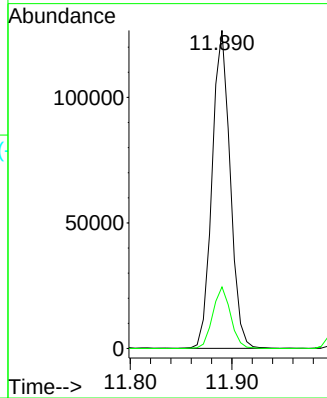
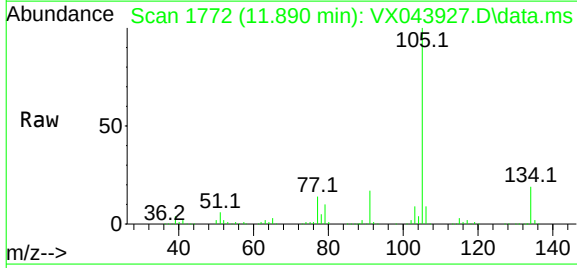
#85  
sec-Butylbenzene  
Concen: 21.962 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

Tgt Ion:105 Resp: 156312  
Ion Ratio Lower Upper  
105 100  
134 19.1 10.0 29.8

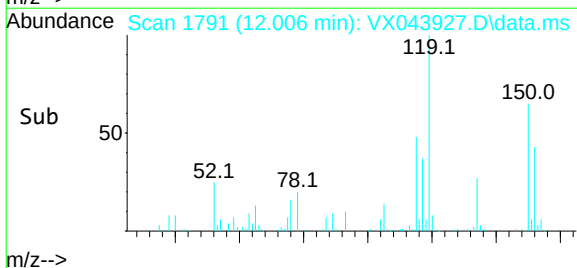
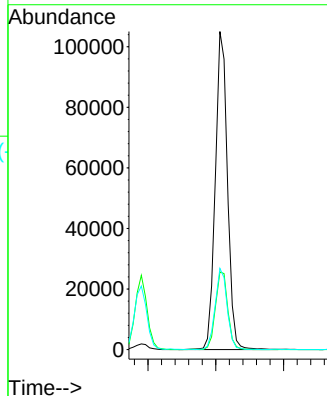
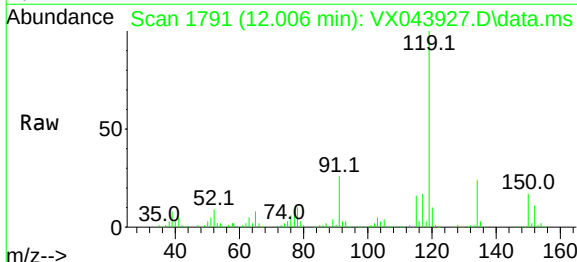
Manual Integrations  
**APPROVED**

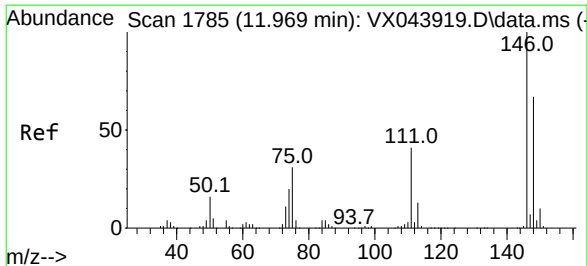
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#86  
p-Isopropyltoluene  
Concen: 21.854 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Tgt Ion:119 Resp: 130605  
Ion Ratio Lower Upper  
119 100  
134 24.8 13.0 38.9  
91 25.2 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 20.986 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC020

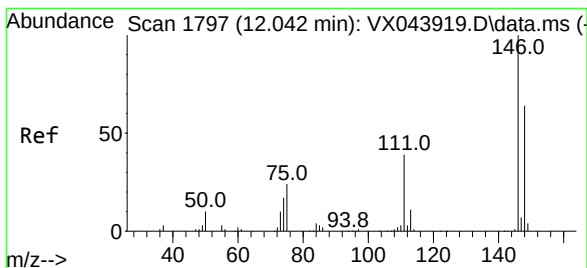
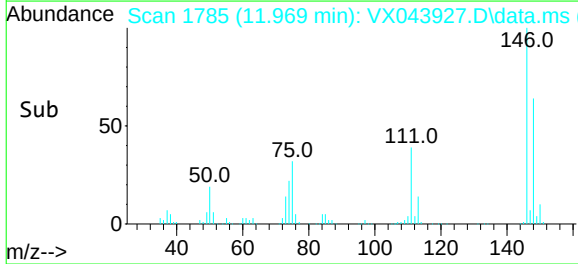
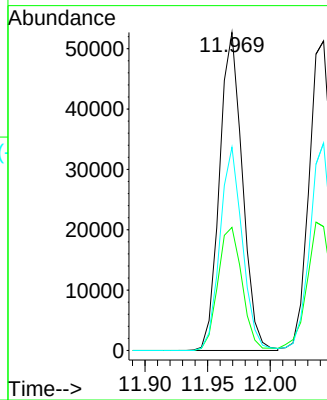
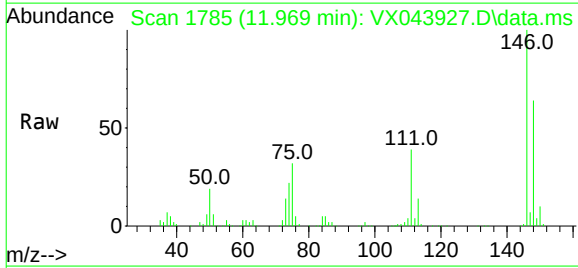
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 67003 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.2  | 20.8  | 62.2  |
| 148       | 62.8  | 31.8  | 95.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 20.527 ug/l

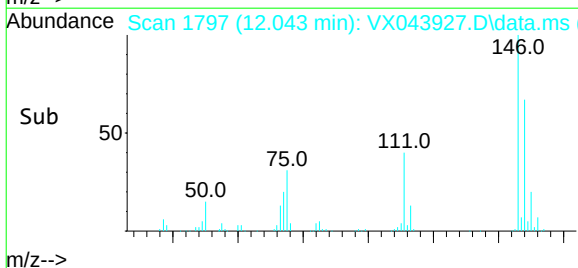
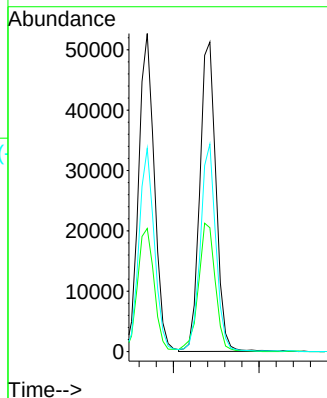
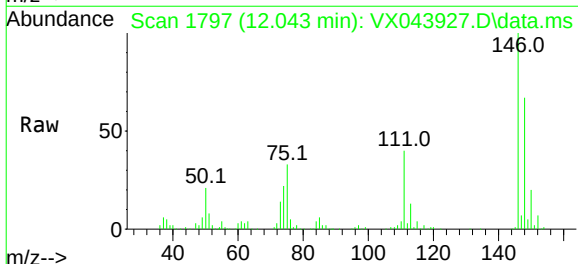
RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

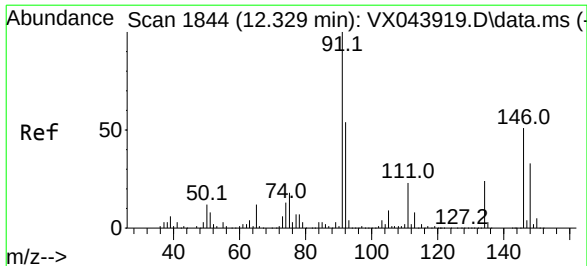
Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 67195 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 43.4  | 20.1  | 60.2  |
| 148       | 64.1  | 32.2  | 96.6  |







#89

n-Butylbenzene

Concen: 21.698 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

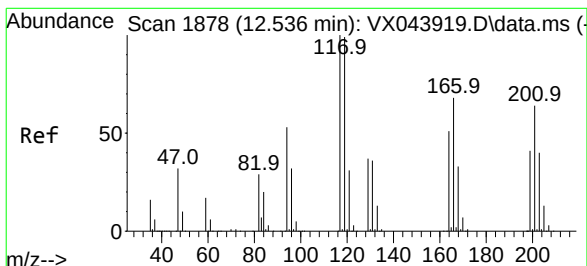
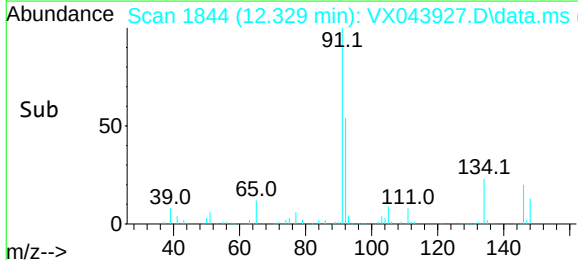
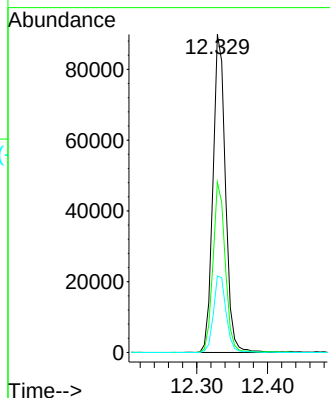
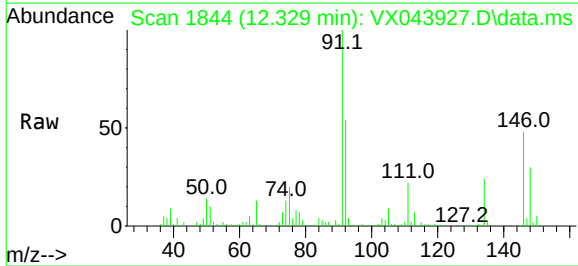
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 110491 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.3  | 26.9  | 80.6   |
| 134      | 24.4  | 12.9  | 38.6   |

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#90

Hexachloroethane

Concen: 19.432 ug/l

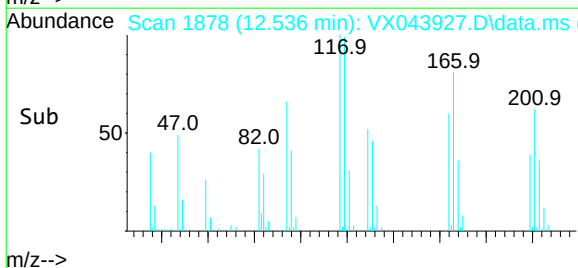
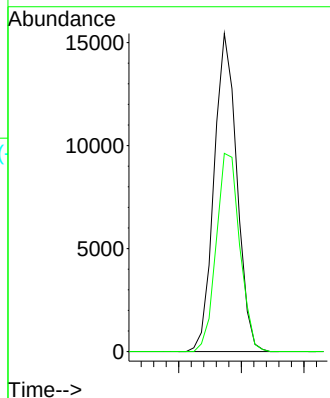
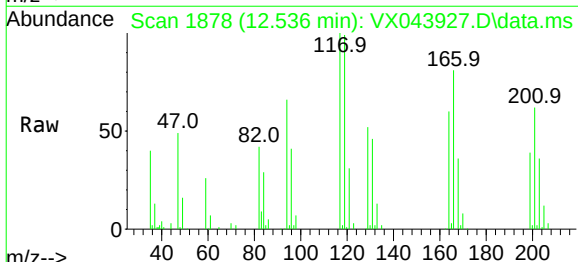
RT: 12.536 min Scan# 1878

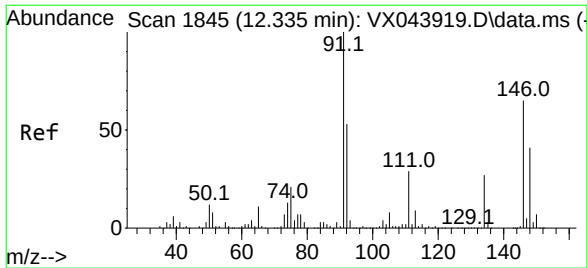
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 19547 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 64.5  | 34.1  | 102.3 |





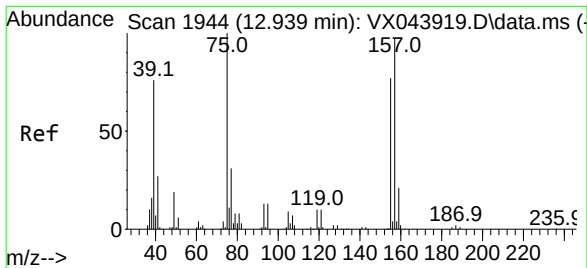
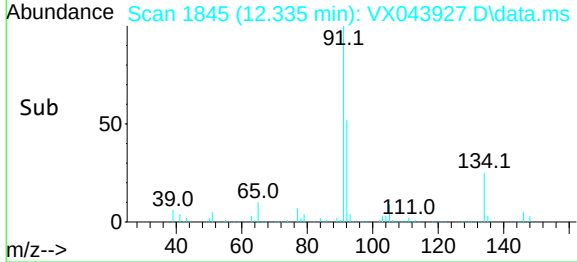
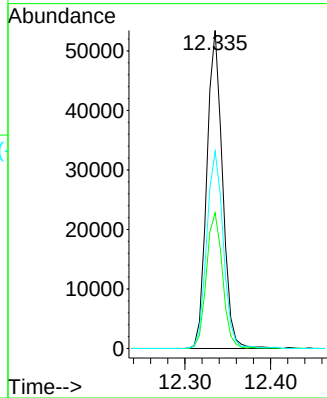
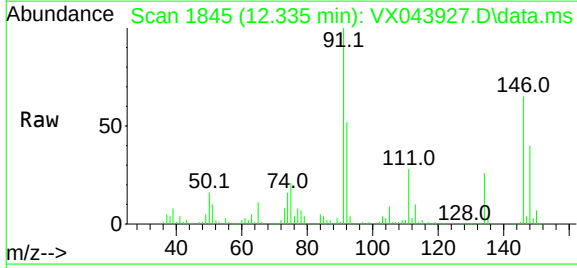
#91  
1,2-Dichlorobenzene  
Concen: 20.298 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.0  | 21.7  | 65.1  |
| 148     | 65.4  | 31.6  | 94.7  |

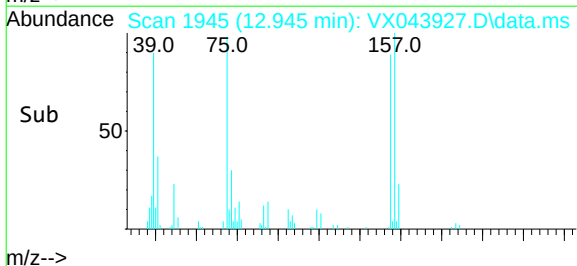
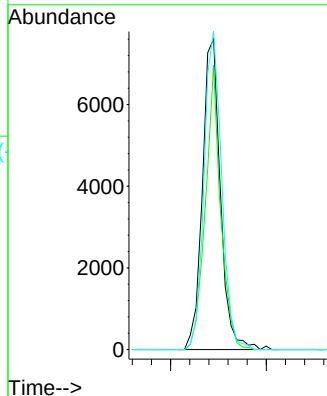
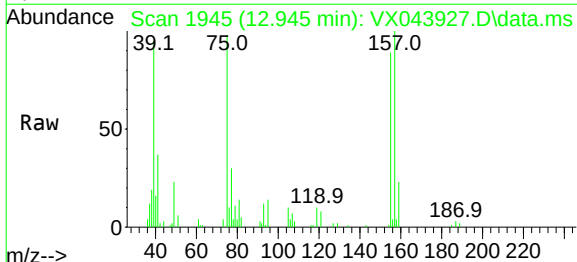
Manual Integrations  
**APPROVED**

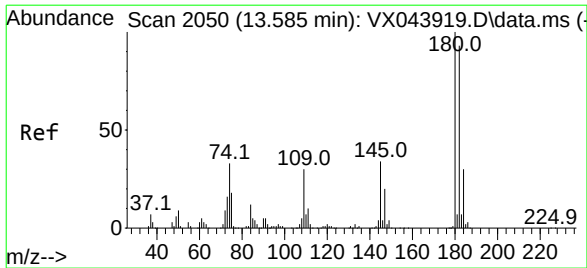
Reviewed By :John Carlone 11/22/2024  
Supervised By :Mahesh Dadoda 11/22/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.259 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX043927.D  
Acq: 21 Nov 2024 10:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.7  | 40.8  | 122.5 |
| 157     | 100.2 | 54.3  | 162.9 |





#93

1,2,4-Trichlorobenzene

Concen: 19.894 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

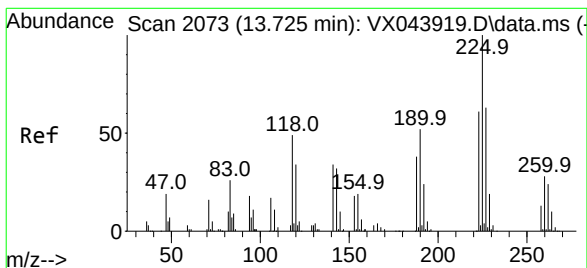
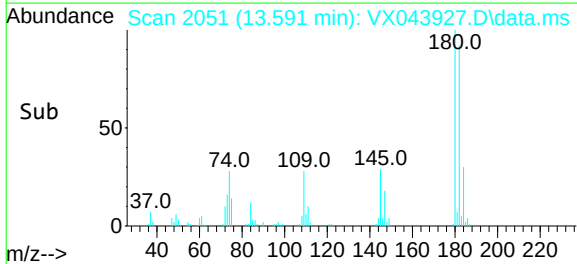
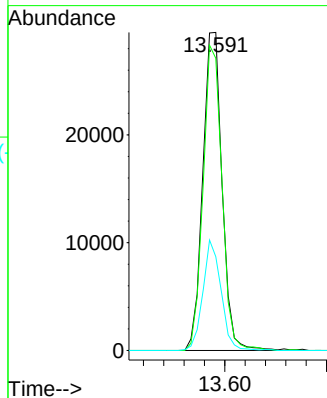
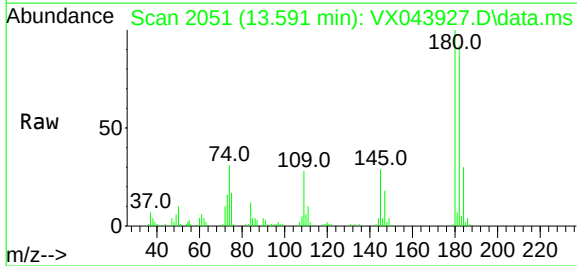
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 38866 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.9  | 46.8  | 140.4 |
| 145       | 32.7  | 16.4  | 49.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 18.508 ug/l

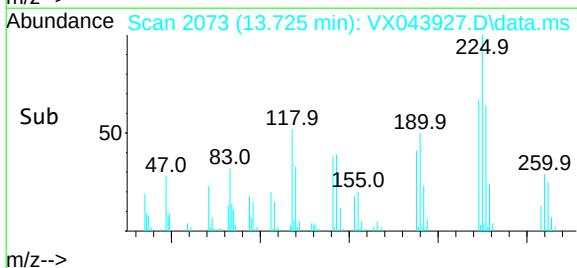
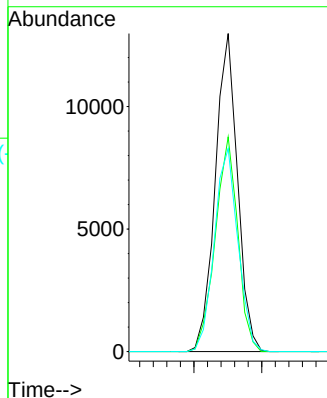
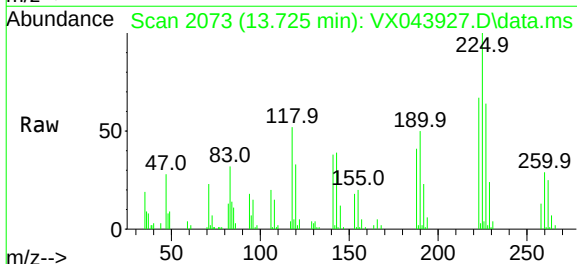
RT: 13.725 min Scan# 2073

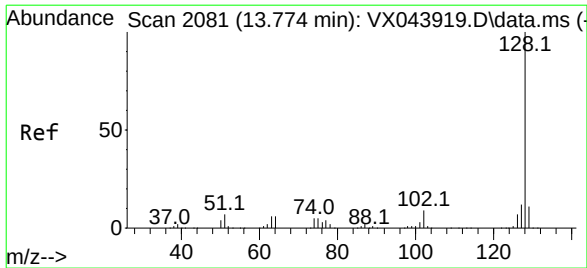
Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 14818 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 67.9  | 31.1  | 93.3  |
| 227       | 67.6  | 29.8  | 89.5  |





#95

Naphthalene

Concen: 19.999 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC020

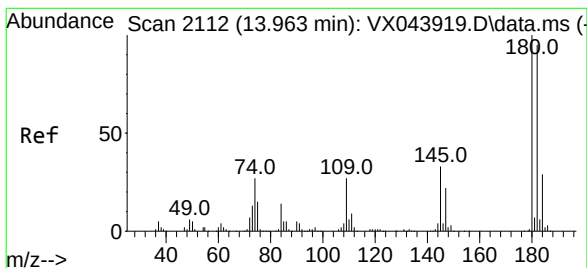
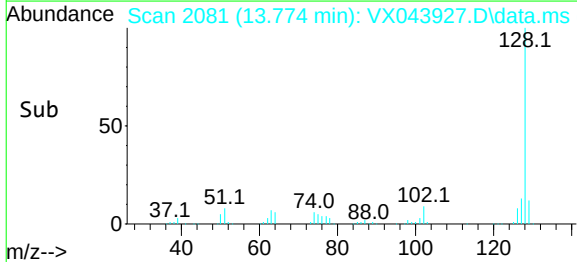
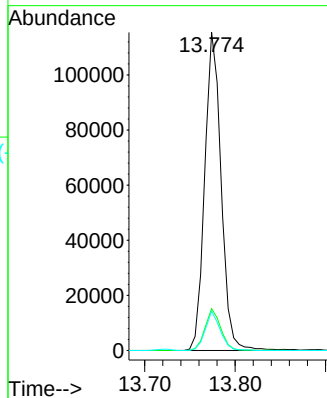
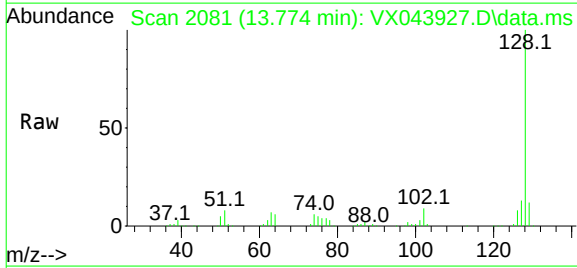
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 145678 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.6  | 10.1  | 15.1   |
| 129      | 11.3  | 8.6   | 13.0   |

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.415 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX043927.D

Acq: 21 Nov 2024 10:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 41554 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.6  | 47.6  | 142.8 |
| 145      | 33.9  | 17.4  | 52.2  |

