

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100622\  
 Data File : VX031911.D  
 Acq On : 06 Oct 2022 11:02  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/07/2022  
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 13:10:59 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 70015    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 110765   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 117911   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 73607    | 50.000   | ug/l   | 0.00     |
|                              |        |       |          |          |        |          |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 0.000  | 65    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 0.000%#  |
| 35) Dibromofluoromethane     | 0.000  | 113   | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 0.000%#  |
| 50) Toluene-d8               | 0.000  | 98    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 0.000%#  |
| 62) 4-Bromofluorobenzene     | 0.000  | 95    | 0d       | 0.000    | ug/l   |          |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 0.000%#  |
|                              |        |       |          |          |        |          |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 973      | 1.135    | ug/l   | 93       |
| 3) Chloromethane             | 1.288  | 50    | 1270     | 1.632    | ug/l   | 91       |
| 4) Vinyl Chloride            | 1.374  | 62    | 1313     | 1.335    | ug/l   | 97       |
| 6) Chloroethane              | 1.684  | 64    | 1141     | 1.342    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 2570     | 1.292    | ug/l   | 85       |
| 8) Diethyl Ether             | 2.130  | 74    | 745      | 1.096    | ug/l   | 70       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 1285     | 1.326    | ug/l   | 92       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 1148     | 1.252    | ug/l   | 84       |
| 14) Allyl chloride           | 2.666  | 41    | 1664     | 1.637    | ug/l   | 96       |
| 15) Acrylonitrile            | 3.068  | 53    | 2923     | 6.921    | ug/l   | 96       |
| 16) Acetone                  | 2.392  | 43    | 3001     | 8.994    | ug/l   | 95       |
| 17) Carbon Disulfide         | 2.514  | 76    | 2754     | 1.506    | ug/l # | 89       |
| 18) Methyl Acetate           | 2.709  | 43    | 1687     | 1.540    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 3608     | 1.265    | ug/l   | 96       |
| 20) Methylene Chloride       | 2.794  | 84    | 1600     | 1.517    | ug/l # | 80       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 1250     | 1.225    | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.763  | 45    | 3464     | 1.461    | ug/l # | 79       |
| 23) Vinyl Acetate            | 3.727  | 43    | 11713    | 6.638    | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 2113     | 1.349    | ug/l # | 88       |
| 25) 2-Butanone               | 4.574  | 43    | 4119     | 7.715    | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 1462     | 1.247    | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 1582     | 1.320    | ug/l   | 85       |
| 28) Bromochloromethane       | 4.897  | 49    | 869m     | 1.366    | ug/l   |          |
| 29) Tetrahydrofuran          | 5.025  | 42    | 2649     | 7.911    | ug/l   | 98       |
| 30) Chloroform               | 5.092  | 83    | 2305     | 1.221    | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 1980     | 1.201    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 1850     | 1.271    | ug/l # | 82       |
| 37) Ethyl Acetate            | 4.721  | 43    | 1536     | 1.314    | ug/l # | 82       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 1680     | 1.002    | ug/l # | 85       |
| 39) Methylcyclohexane        | 7.385  | 83    | 2127     | 1.150    | ug/l # | 82       |
| 40) Benzene                  | 6.037  | 78    | 5082     | 1.165    | ug/l   | 100      |
| 41) Methacrylonitrile        | 4.940  | 41    | 757      | 1.244    | ug/l # | 66       |
| 42) 1,2-Dichloroethane       | 6.098  | 62    | 1884     | 1.276    | ug/l   | 83       |
| 43) Isopropyl Acetate        | 6.348  | 43    | 2262     | 1.264    | ug/l # | 93       |
| 44) Trichloroethene          | 7.135  | 130   | 1575     | 1.092    | ug/l   | 79       |
| 45) 1,2-Dichloropropane      | 7.440  | 63    | 1247     | 1.259    | ug/l # | 84       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100622\  
 Data File : VX031911.D  
 Acq On : 06 Oct 2022 11:02  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/07/2022  
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:12:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 13:10:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 7.592  | 93   | 973      | 1.142  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.818  | 83   | 1437     | 0.980  | ug/l # | 77       |
| 48) Methyl methacrylate       | 7.702  | 41   | 1054     | 1.232  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 489      | 18.222 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 7187     | 5.958  | ug/l # | 87       |
| 52) Toluene                   | 8.714  | 92   | 3070     | 1.005  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 1049     | 0.785  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1467     | 0.956  | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 1460     | 1.164  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 1512     | 1.019  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2219     | 1.174  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 4285     | 5.746  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 5200     | 5.932  | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.518  | 129  | 1026     | 0.825  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1269     | 0.961  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1368     | 0.956  | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 3939     | 1.167  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1292     | 1.096  | ug/l # | 55       |
| 67) Ethyl Benzene             | 10.195 | 91   | 6192     | 1.128  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4678     | 2.042  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 2360     | 1.049  | ug/l   | 93       |
| 70) Styrene                   | 10.658 | 104  | 3386     | 0.955  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 699      | 0.821  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 5720     | 1.137  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.847 | 43   | 1437     | 1.200  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 2003     | 1.407  | ug/l   | 88       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 1611m    | 1.346  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 1491     | 1.116  | ug/l   | 93       |
| 78) n-propylbenzene           | 11.305 | 91   | 6361     | 1.172  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 4099     | 1.242  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4433     | 1.062  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 4457     | 1.179  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 4550     | 1.090  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 4728     | 1.134  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5388     | 1.062  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 4403     | 0.992  | ug/l   | 91       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2661     | 1.052  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 2944m    | 1.130  | ug/l   |          |
| 89) n-Butylbenzene            | 12.335 | 91   | 3963     | 1.170  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.542 | 117  | 527      | 0.878  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 2630     | 1.039  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 257      | 1.005  | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1642     | 1.032  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 779      | 1.212  | ug/l   | 91       |
| 95) Naphthalene               | 13.780 | 128  | 5156     | 1.008  | ug/l # | 97       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1682     | 1.050  | ug/l   | 89       |

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

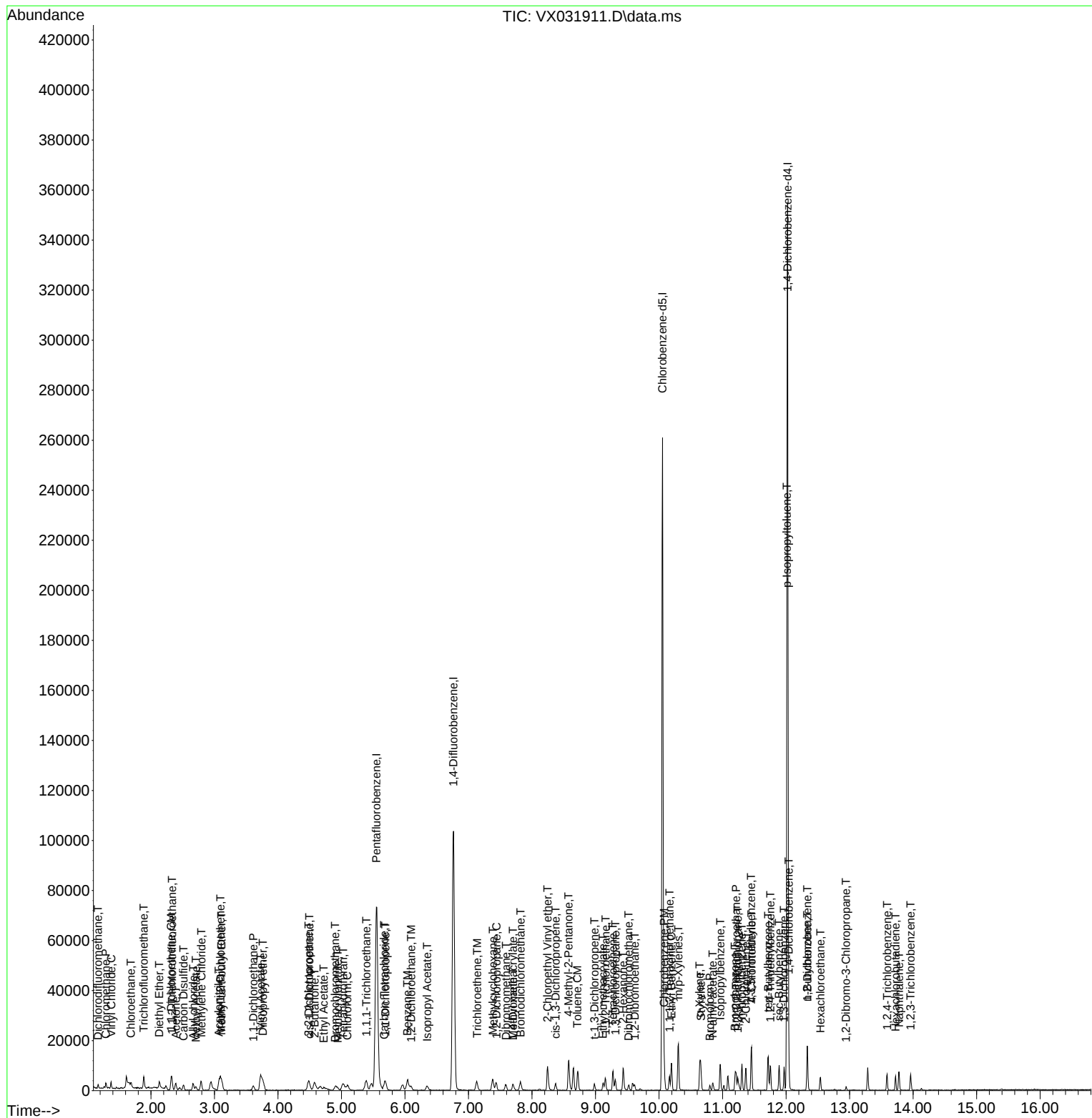
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100622\  
Data File : VX031911.D  
Acq On : 06 Oct 2022 11:02  
Operator : JC/MD  
Sample : VSTDIC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

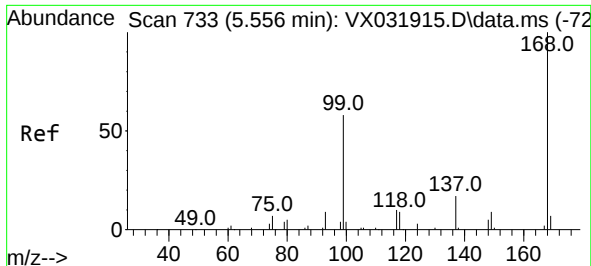
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Quant Time: Oct 06 13:12:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 13:10:59 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022





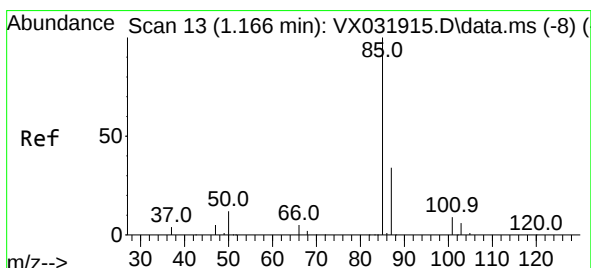
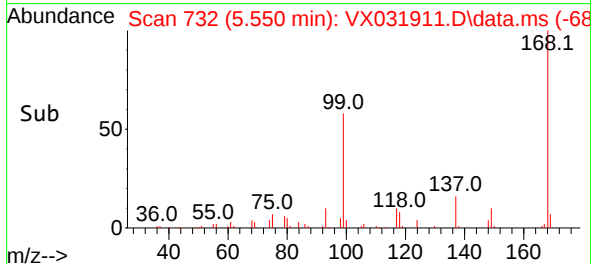
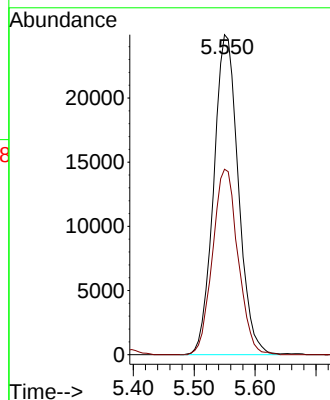
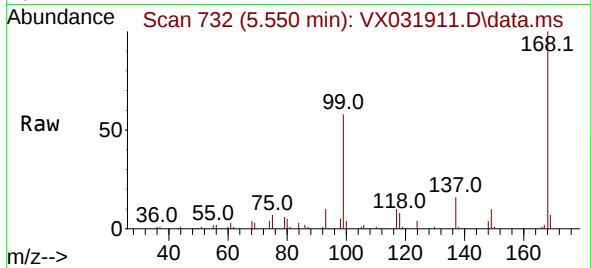
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:168 Resp: 7001  
Ion Ratio Lower Upper  
168 100  
99 57.9 48.8 73.2

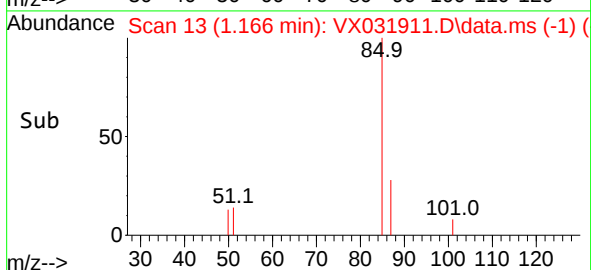
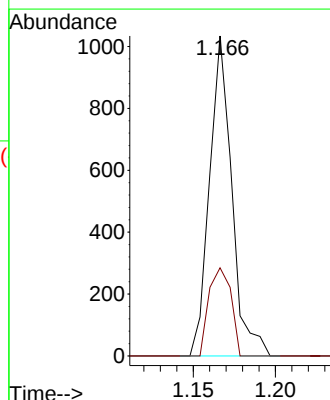
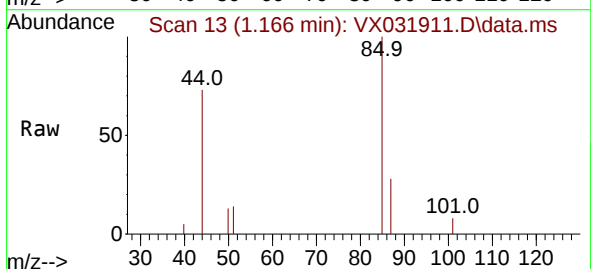
Manual Integrations  
APPROVED

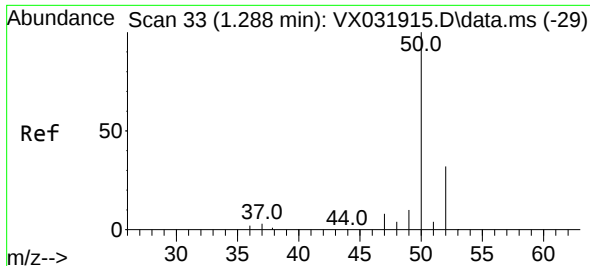
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#2  
Dichlorodifluoromethane  
Concen: 1.135 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

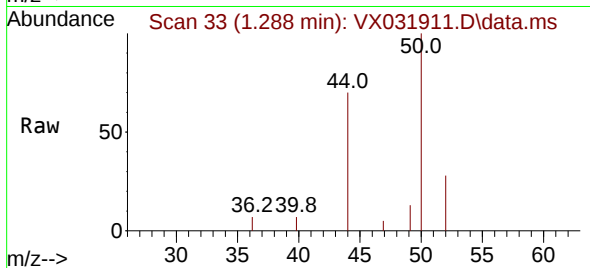
Tgt Ion: 85 Resp: 973  
Ion Ratio Lower Upper  
85 100  
87 27.6 15.8 47.4





#3  
Chloromethane  
Concen: 1.632 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

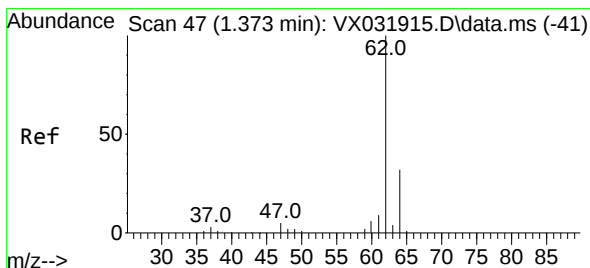
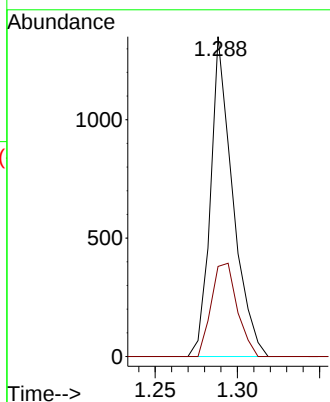
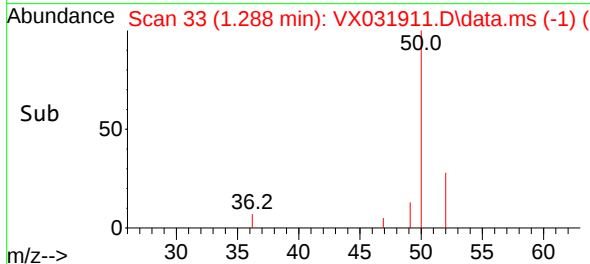
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 50 Resp: 1270  
Ion Ratio Lower Upper  
50 100  
52 28.2 26.9 40.3

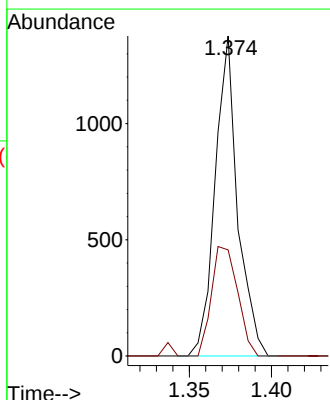
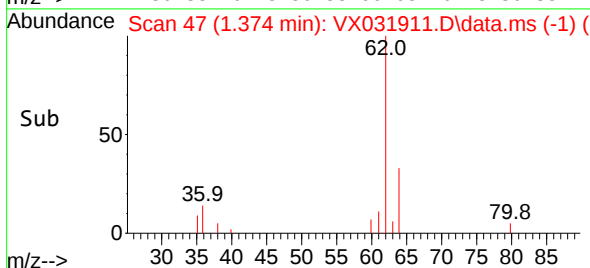
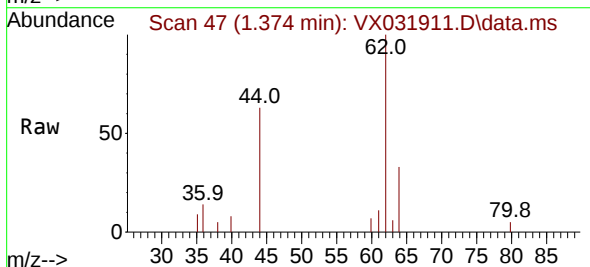
Manual Integrations  
APPROVED

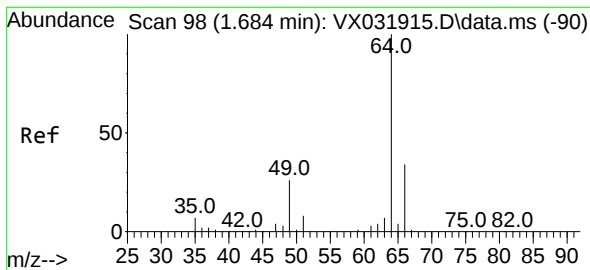
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#4  
Vinyl Chloride  
Concen: 1.335 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

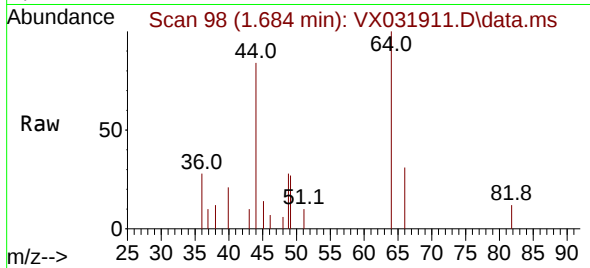
Tgt Ion: 62 Resp: 1313  
Ion Ratio Lower Upper  
62 100  
64 33.2 25.3 37.9





#6  
Chloroethane  
Concen: 1.342 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

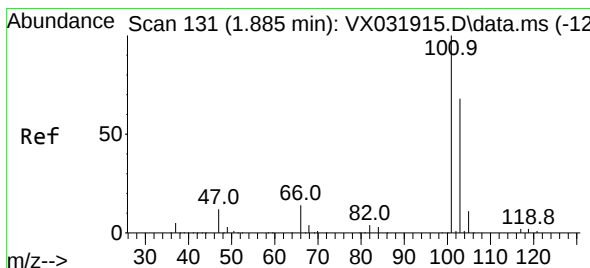
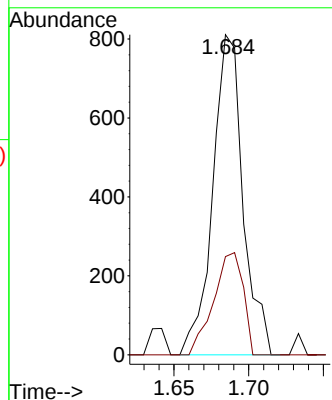
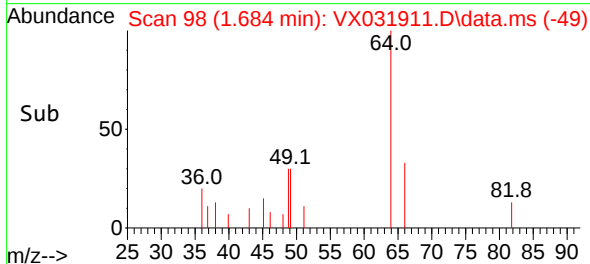
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 64 Resp: 114  
Ion Ratio Lower Upper  
64 100  
66 30.7 25.0 37.4

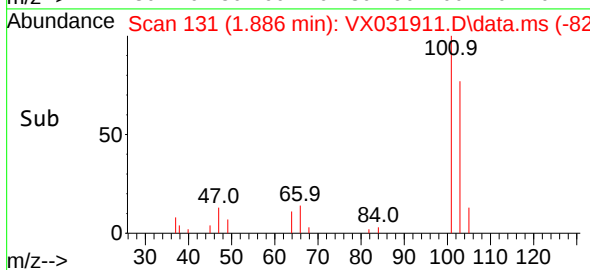
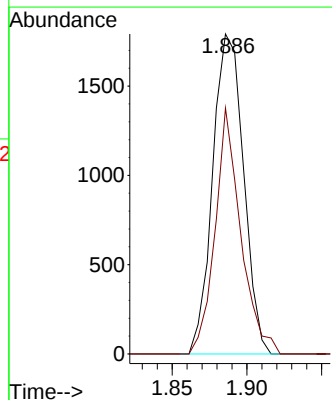
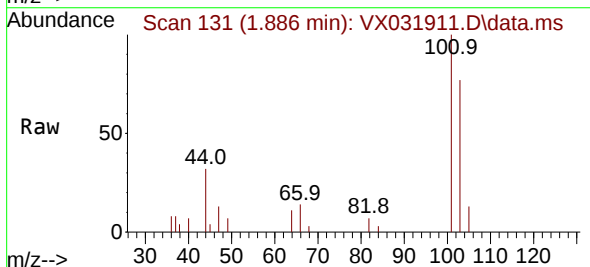
Manual Integrations  
APPROVED

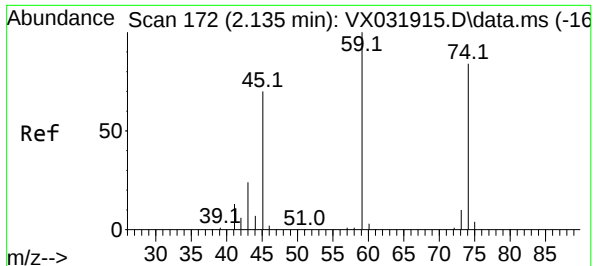
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#7  
Trichlorofluoromethane  
Concen: 1.292 ug/l  
RT: 1.886 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

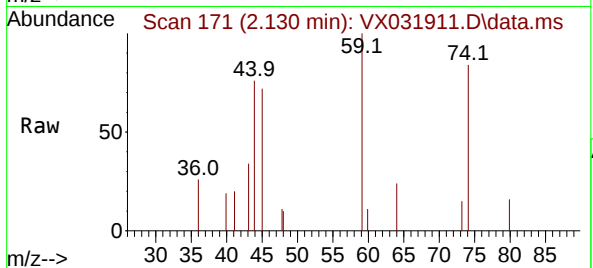
Tgt Ion:101 Resp: 2570  
Ion Ratio Lower Upper  
101 100  
103 76.8 51.8 77.6





#8  
Diethyl Ether  
Concen: 1.096 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

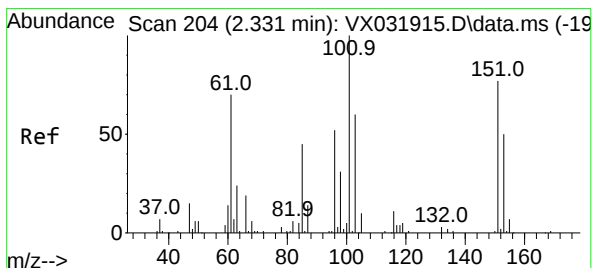
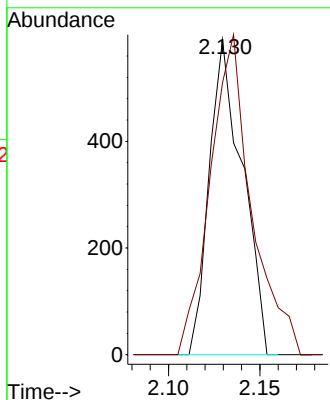
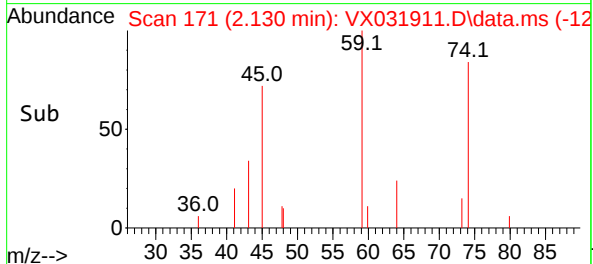
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



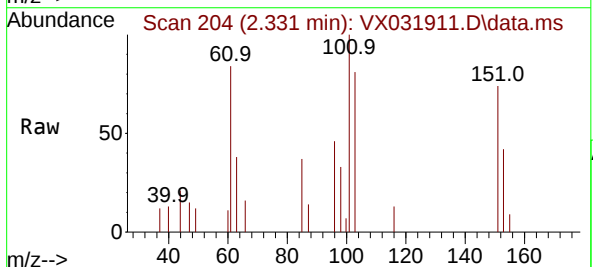
Tgt Ion: 74 Resp: 74  
Ion Ratio Lower Upper  
74 100  
45 126.2 48.5 145.6

Manual Integrations  
APPROVED

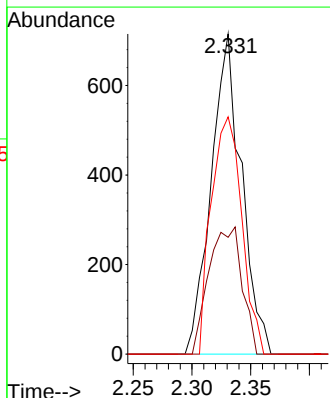
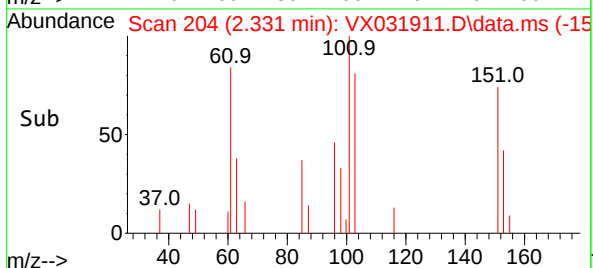
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

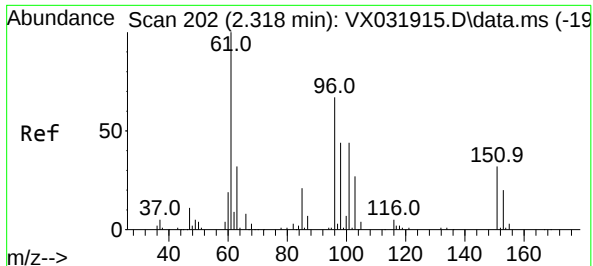


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.326 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



Tgt Ion:101 Resp: 1285  
Ion Ratio Lower Upper  
101 100  
85 43.5 38.6 57.8  
151 74.7 54.0 81.0





#12

1,1-Dichloroethene

Concen: 1.252 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

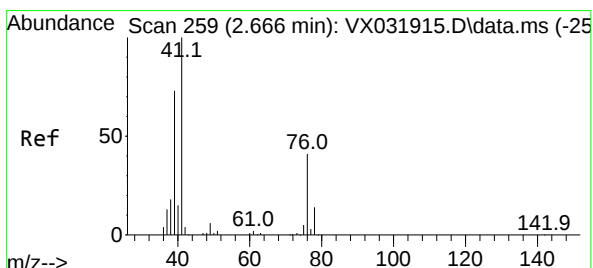
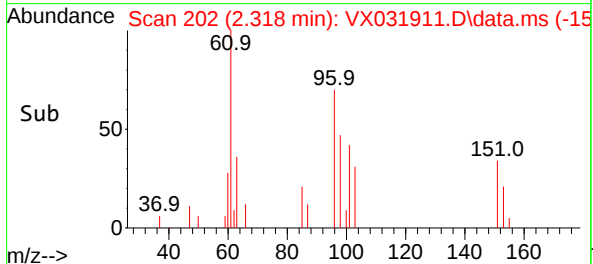
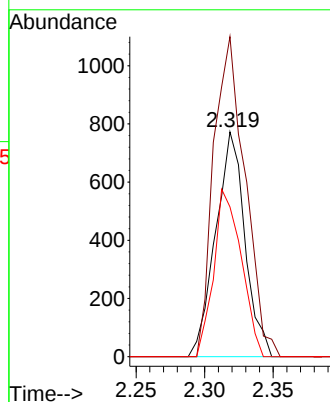
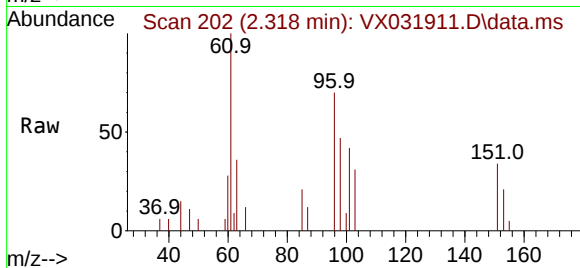
|             |                   |
|-------------|-------------------|
| Tgt Ion: 96 | Resp: 1148        |
| Ion Ratio   | Lower Upper       |
| 96          | 100               |
| 61          | 142.3 135.3 202.9 |
| 98          | 66.6 49.4 74.2    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#14

Allyl chloride

Concen: 1.637 ug/l

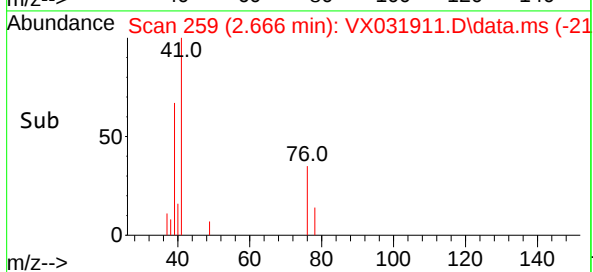
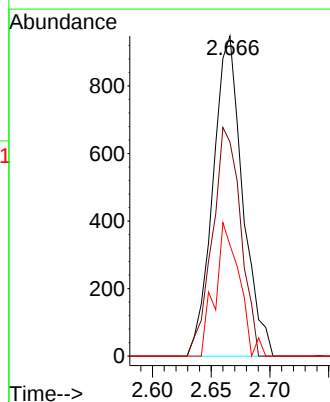
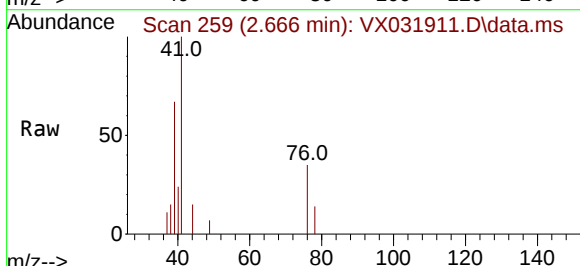
RT: 2.666 min Scan# 259

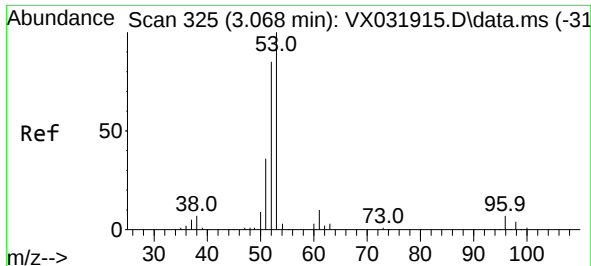
Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

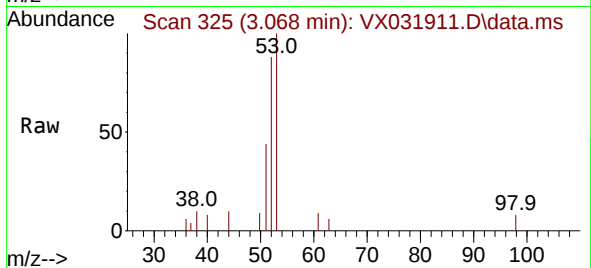
|             |                |
|-------------|----------------|
| Tgt Ion: 41 | Resp: 1664     |
| Ion Ratio   | Lower Upper    |
| 41          | 100            |
| 39          | 68.3 58.2 87.4 |
| 76          | 34.0 26.9 40.3 |





#15  
Acrylonitrile  
Concen: 6.921 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

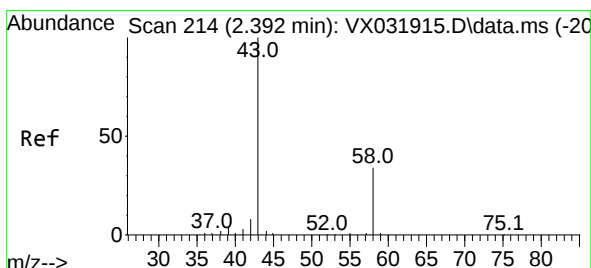
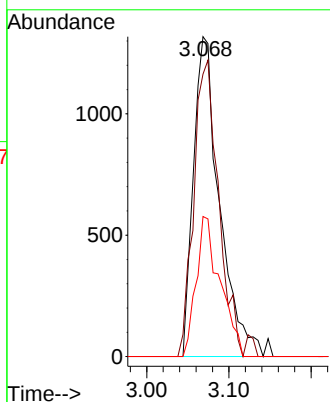
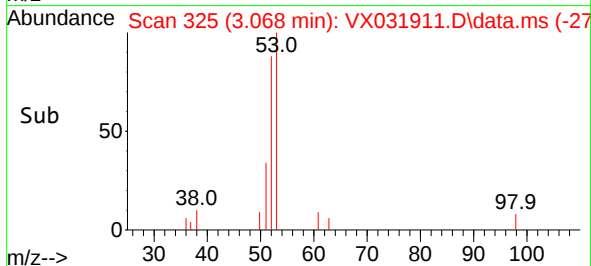
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



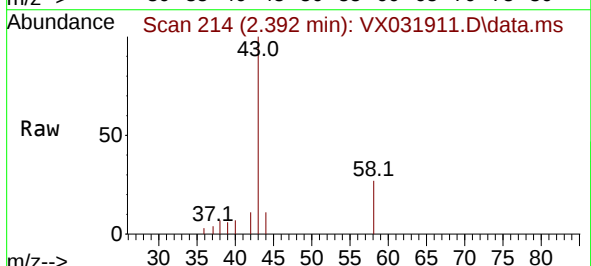
Tgt Ion: 53 Resp: 292  
Ion Ratio Lower Upper  
53 100  
52 87.6 66.9 100.3  
51 40.0 30.0 45.0

Manual Integrations  
APPROVED

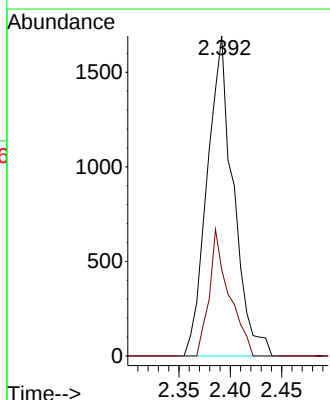
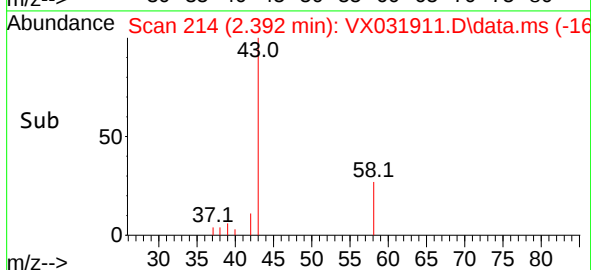
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

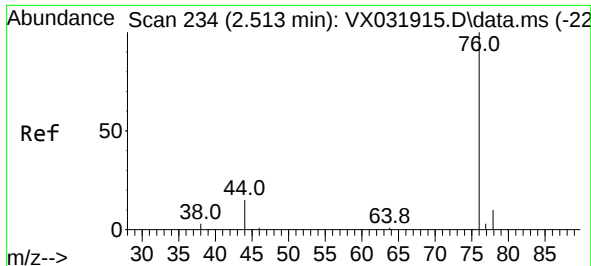


#16  
Acetone  
Concen: 8.994 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



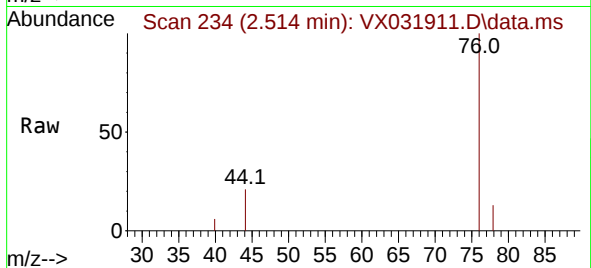
Tgt Ion: 43 Resp: 3001  
Ion Ratio Lower Upper  
43 100  
58 27.0 23.8 35.8





#17  
Carbon Disulfide  
Concen: 1.506 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

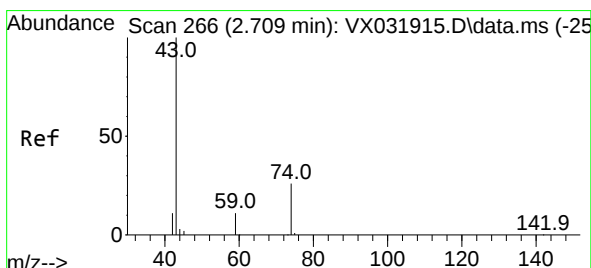
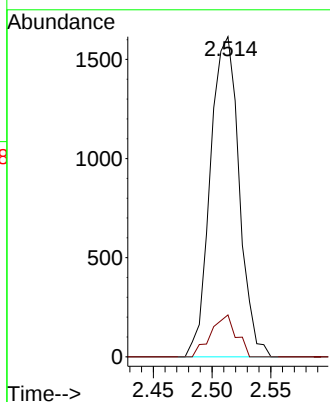
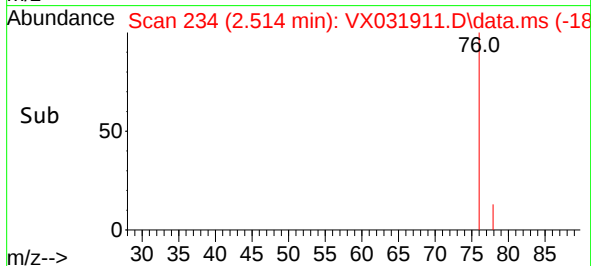
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 76 Resp: 2754  
Ion Ratio Lower Upper  
76 100  
78 13.1 7.2 10.8

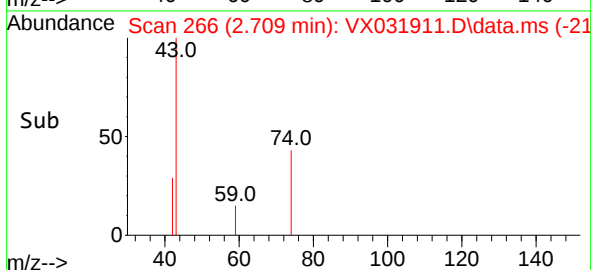
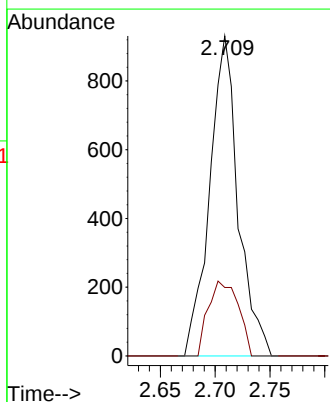
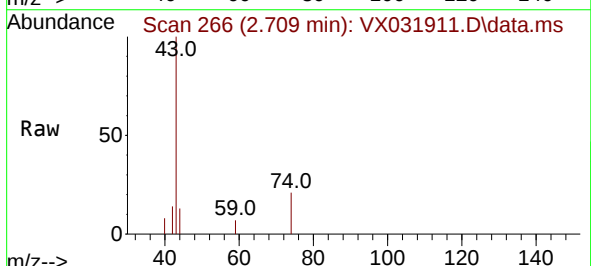
Manual Integrations  
APPROVED

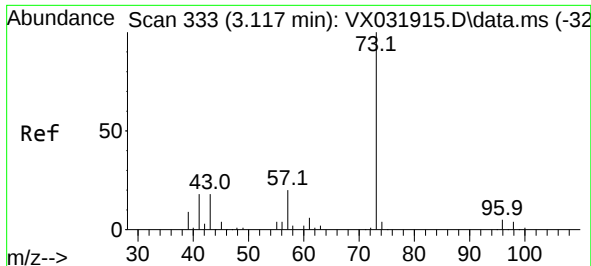
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#18  
Methyl Acetate  
Concen: 1.540 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 43 Resp: 1687  
Ion Ratio Lower Upper  
43 100  
74 24.5 18.6 27.8





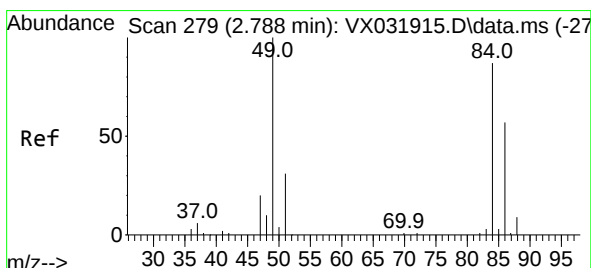
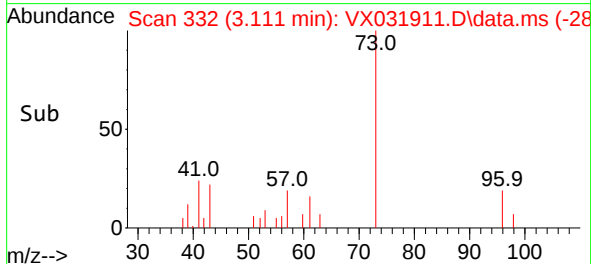
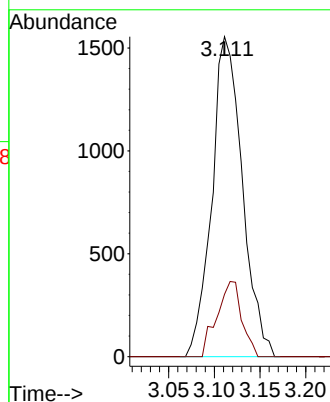
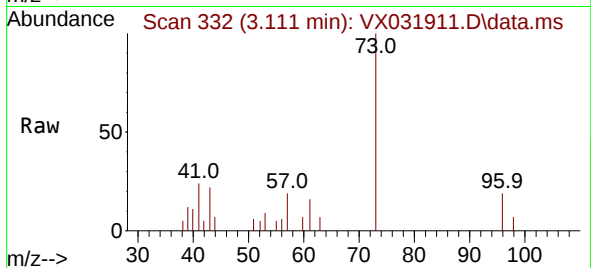
#19  
Methyl tert-butyl Ether  
Concen: 1.265 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 73 Resp: 3608  
Ion Ratio Lower Upper  
73 100  
57 19.5 17.2 25.8

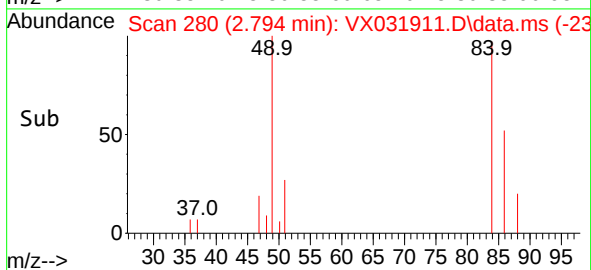
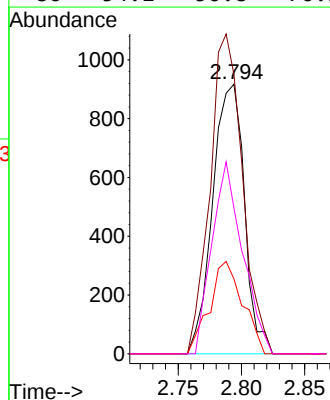
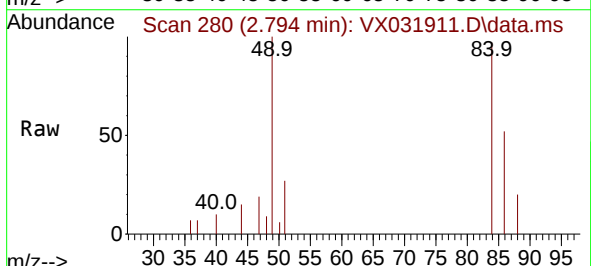
Manual Integrations  
APPROVED

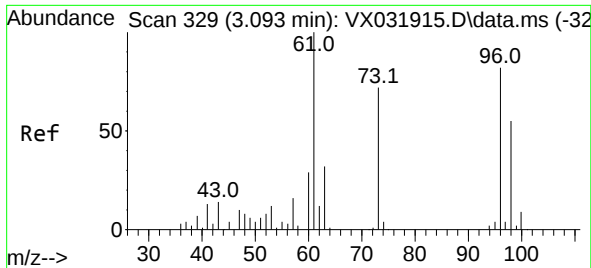
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#20  
Methylene Chloride  
Concen: 1.517 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

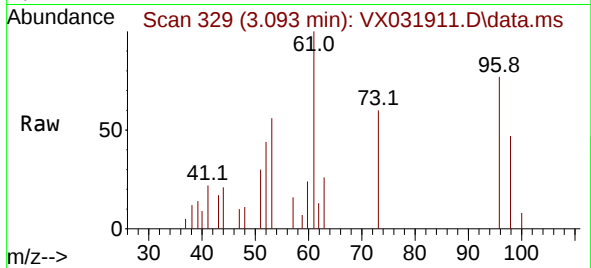
Tgt Ion: 84 Resp: 1600  
Ion Ratio Lower Upper  
84 100  
49 103.6 105.9 158.9#  
51 27.8 32.2 48.2#  
86 54.1 50.8 76.2





#21  
trans-1,2-Dichloroethene  
Concen: 1.225 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

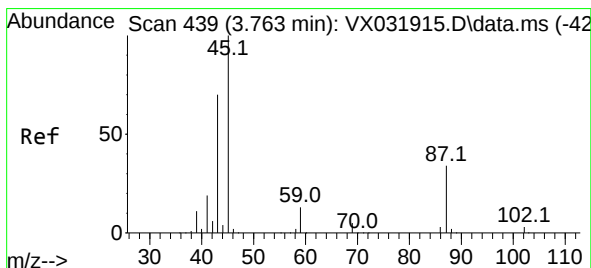
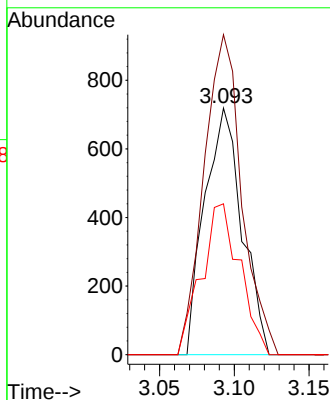
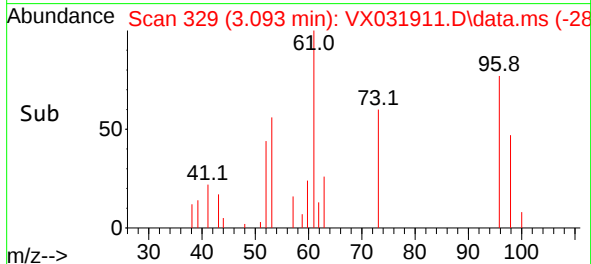
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



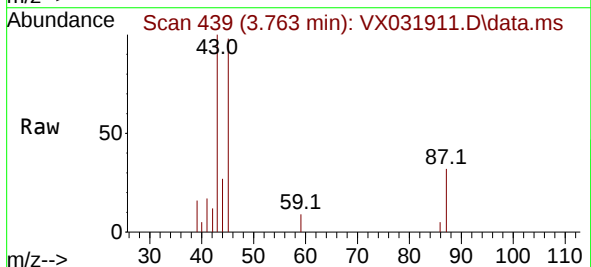
Tgt Ion: 96 Resp: 1250  
Ion Ratio Lower Upper  
96 100  
61 129.8 106.7 160.1  
98 61.2 48.7 73.1

Manual Integrations  
APPROVED

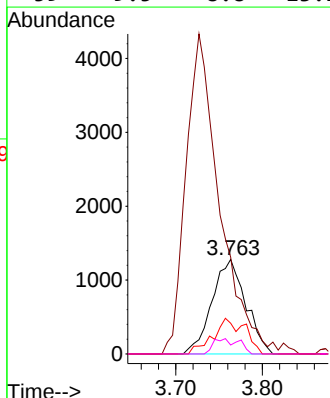
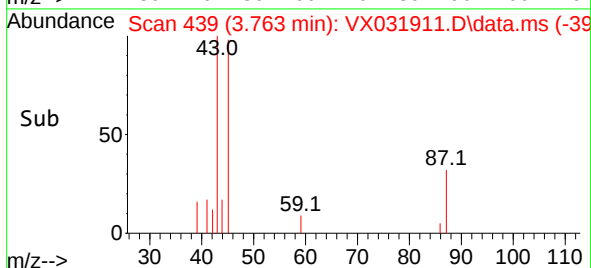
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

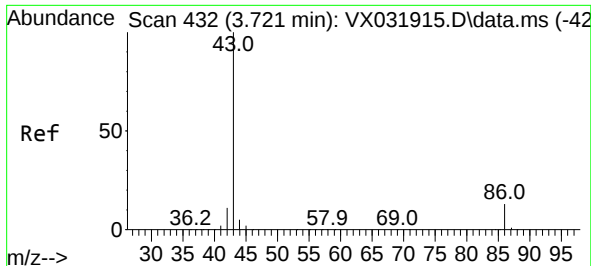


#22  
Diisopropyl ether  
Concen: 1.461 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



Tgt Ion: 45 Resp: 3464  
Ion Ratio Lower Upper  
45 100  
43 98.3 59.0 88.6#  
87 32.4 22.6 33.8  
59 9.5 8.8 13.2





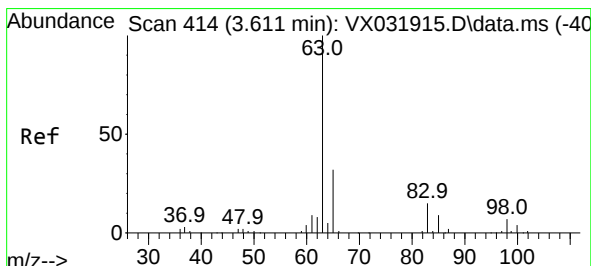
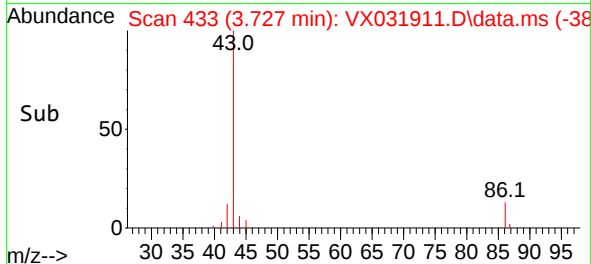
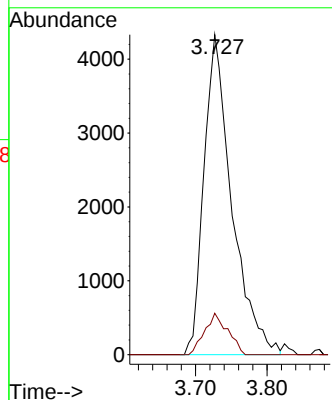
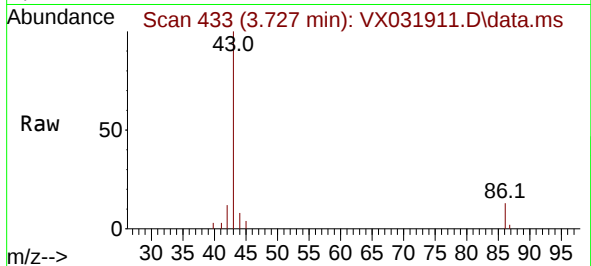
#23  
 Vinyl Acetate  
 Concen: 6.638 ug/l  
 RT: 3.727 min Scan# 411  
 Delta R.T. 0.006 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 43 Resp: 1171  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 8.7 13.1

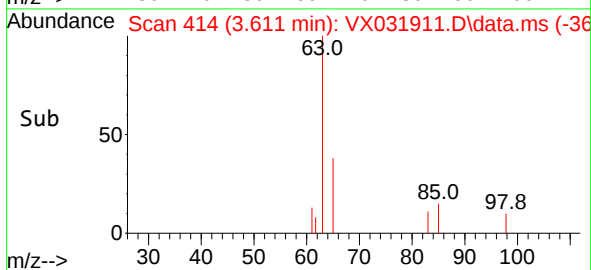
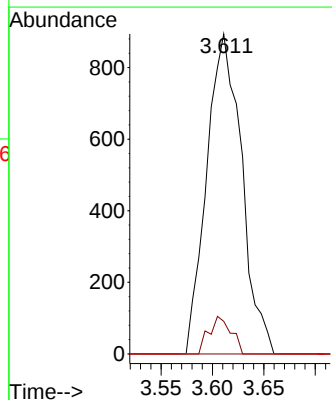
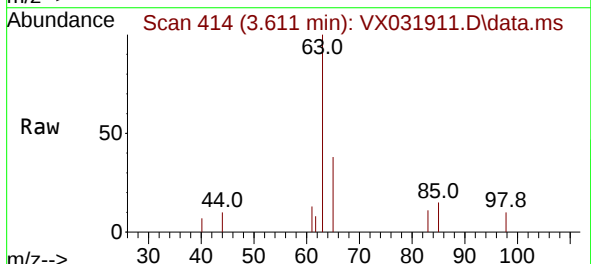
Manual Integrations  
 APPROVED

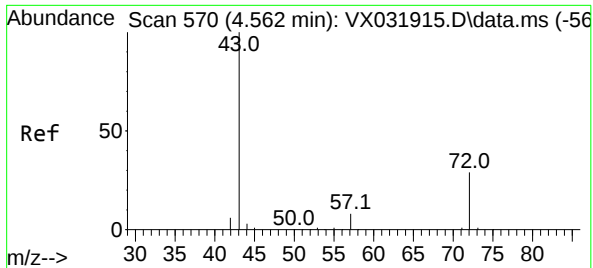
Reviewed By :John Carlone 10/07/2022  
 Supervised By :Mahesh Dadoda 10/07/2022



#24  
 1,1-Dichloroethane  
 Concen: 1.349 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Tgt Ion: 63 Resp: 2113  
 Ion Ratio Lower Upper  
 63 100  
 98 10.2 3.5 10.4  
 100 0.0 2.4 7.2#





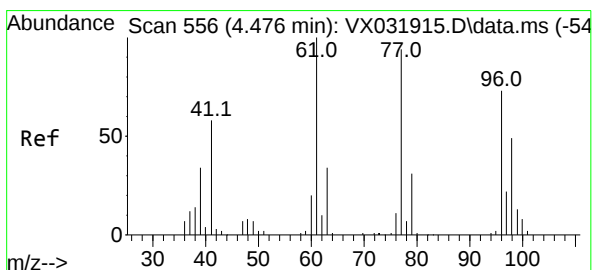
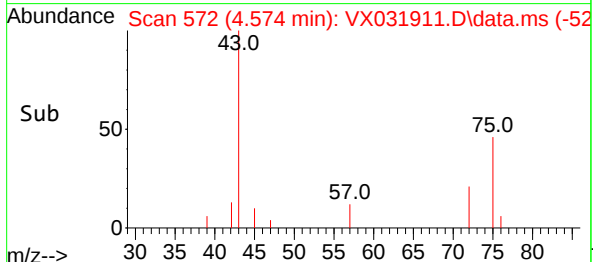
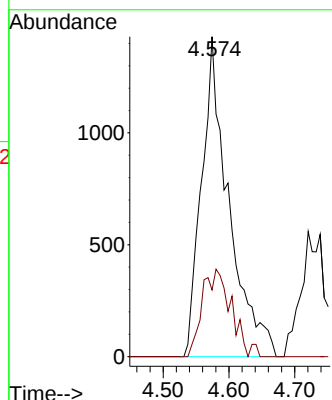
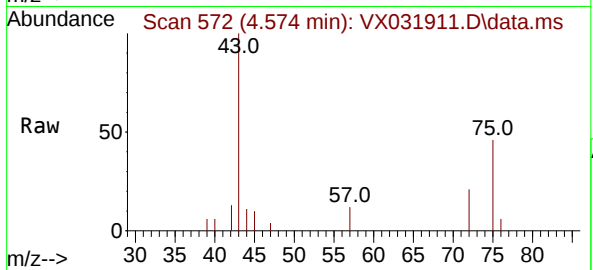
#25  
2-Butanone  
Concen: 7.715 ug/l  
RT: 4.574 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 43 Resp: 4119  
Ion Ratio Lower Upper  
43 100  
72 20.8 21.1 31.7

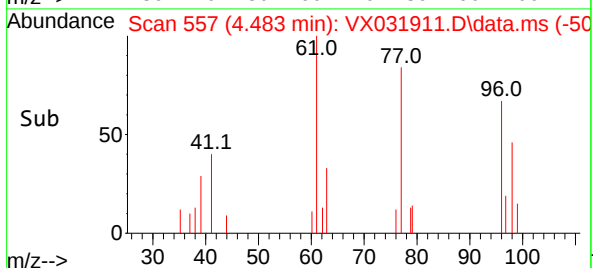
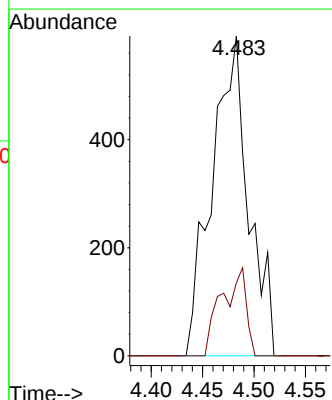
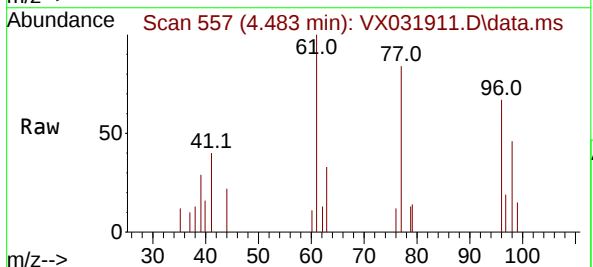
Manual Integrations  
APPROVED

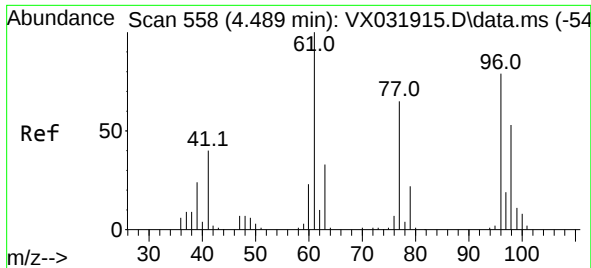
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#26  
2,2-Dichloropropane  
Concen: 1.247 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 77 Resp: 1462  
Ion Ratio Lower Upper  
77 100  
97 18.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 1.320 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

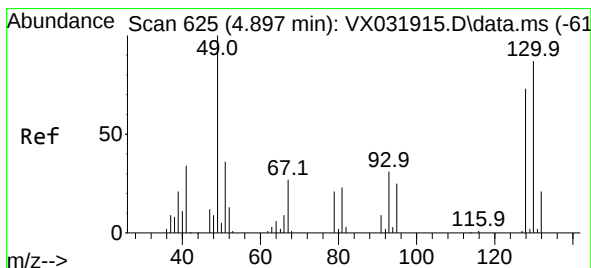
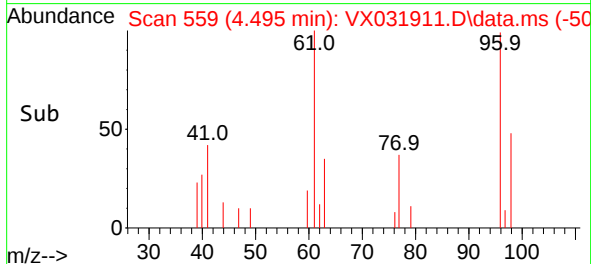
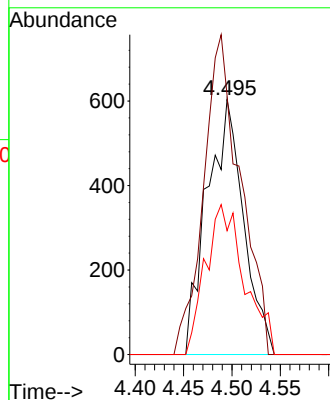
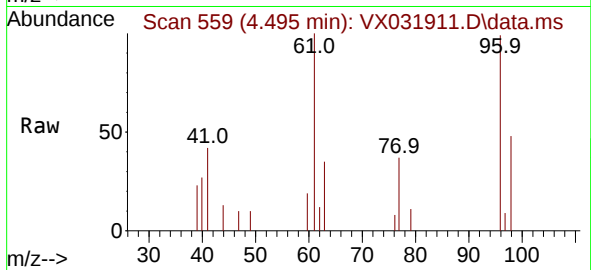
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 158   |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 126.5    | 0.0 305.2   |
| 98 62.9     | 0.0 128.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#28

Bromochloromethane

Concen: 1.366 ug/l m

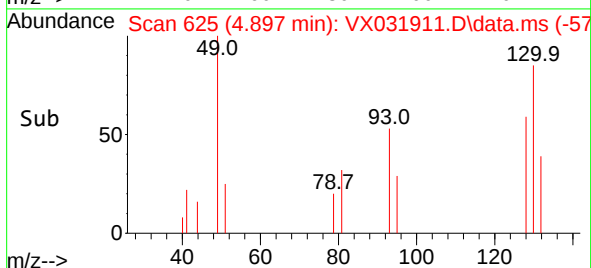
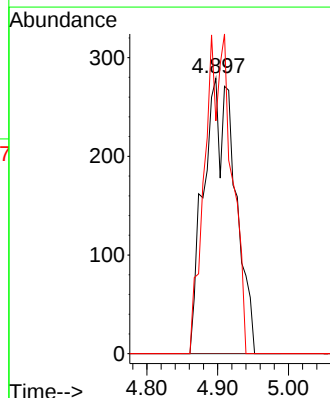
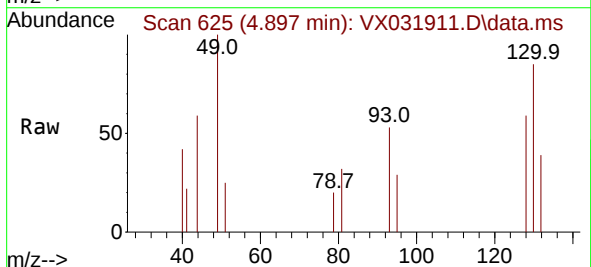
RT: 4.897 min Scan# 625

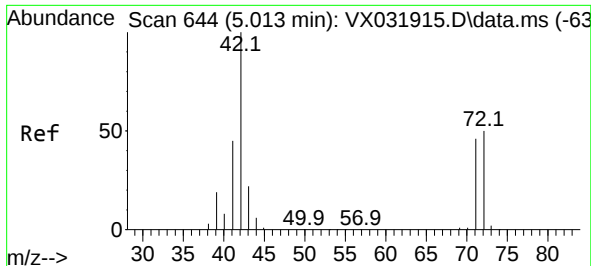
Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 869   |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.0     | 0.0 3.6     |
| 130 99.0    | 59.0 88.4   |





#29

Tetrahydrofuran

Concen: 7.911 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

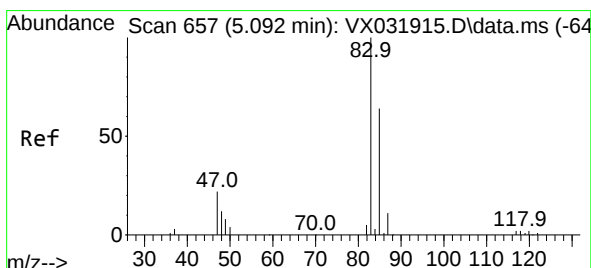
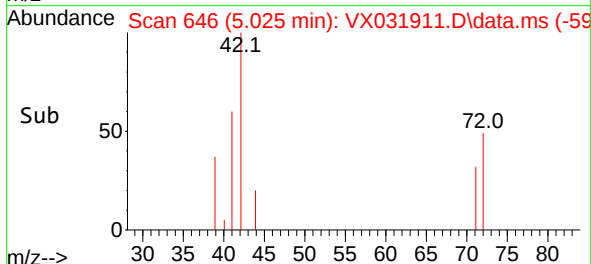
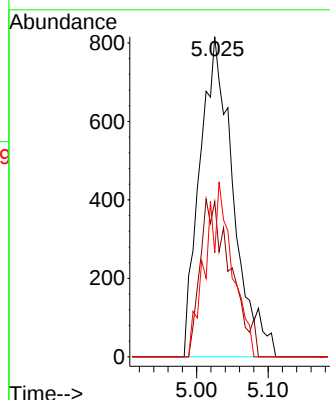
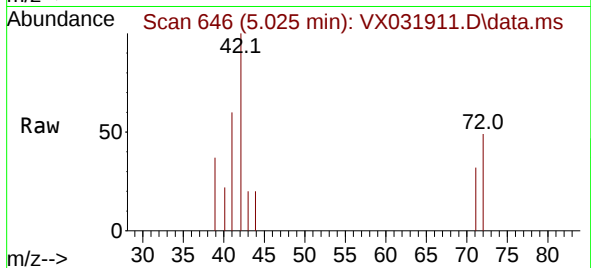
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 2649 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 45.1  | 36.4  | 54.6 |
| 71        | 43.5  | 33.5  | 50.3 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#30

Chloroform

Concen: 1.221 ug/l

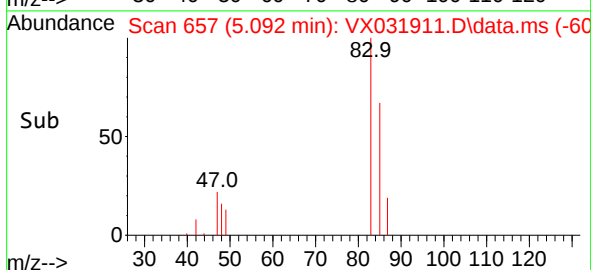
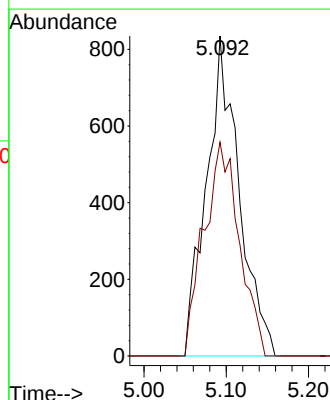
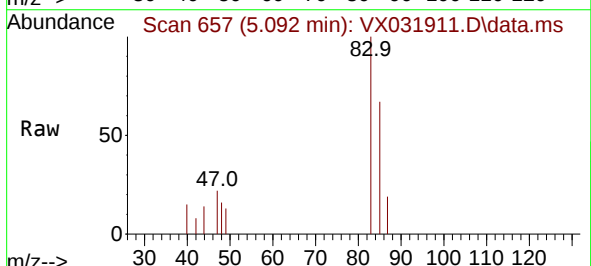
RT: 5.092 min Scan# 657

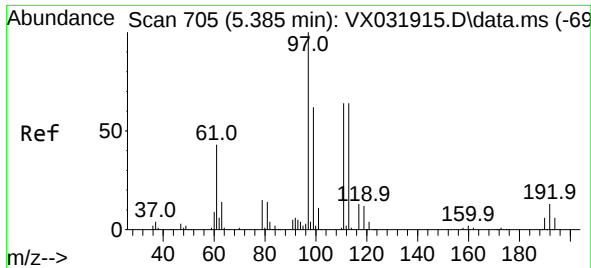
Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 2305 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 66.8  | 52.8  | 79.2 |





#32

1,1,1-Trichloroethane

Concen: 1.201 ug/l

RT: 5.391 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 1980

Ion Ratio Lower Upper

97 100

99 66.9 51.3 76.9

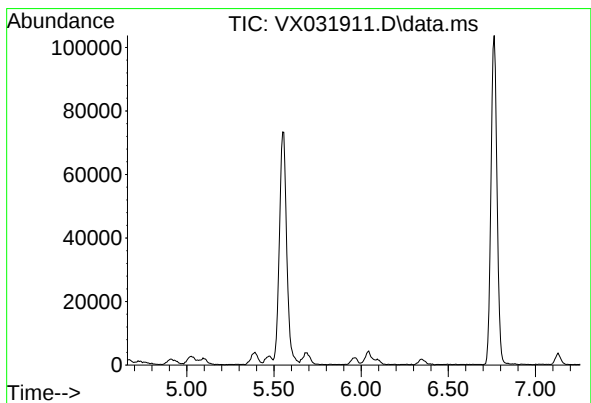
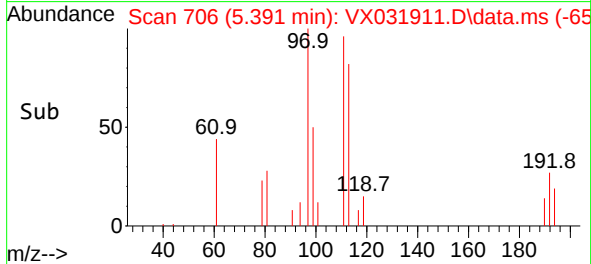
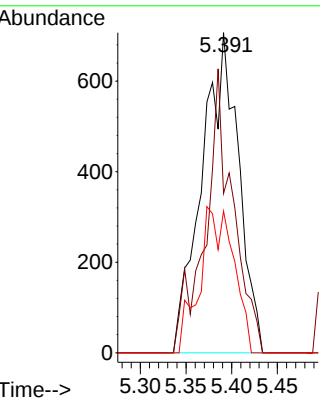
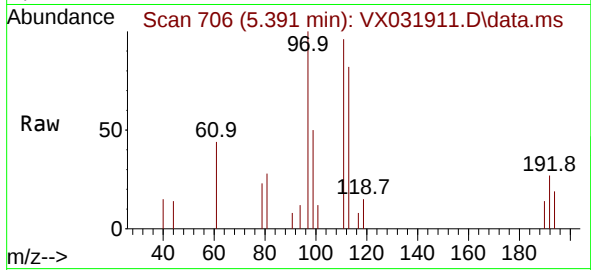
61 42.4 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.96 min

Lab File: VX031911.D

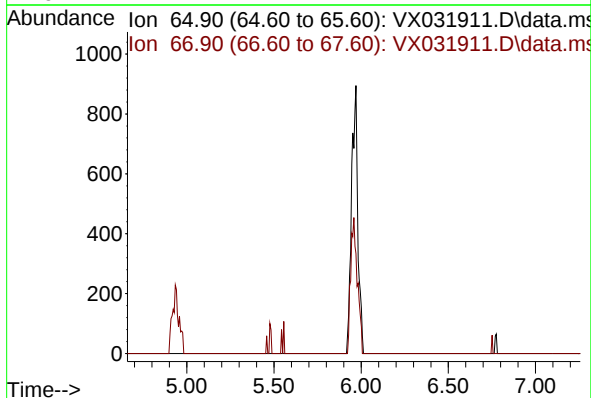
Acq: 06 Oct 2022 11:02

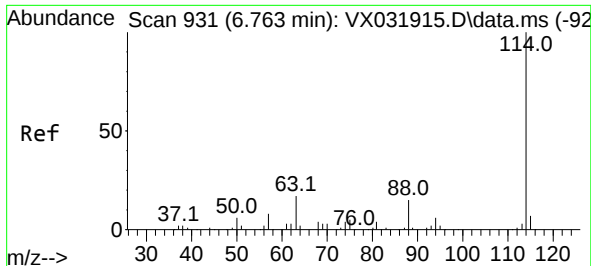
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 11076

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.6

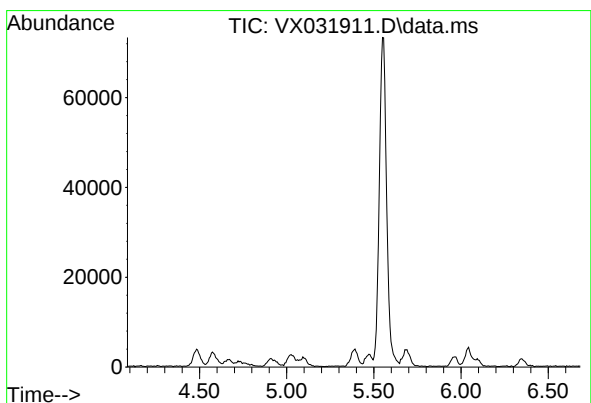
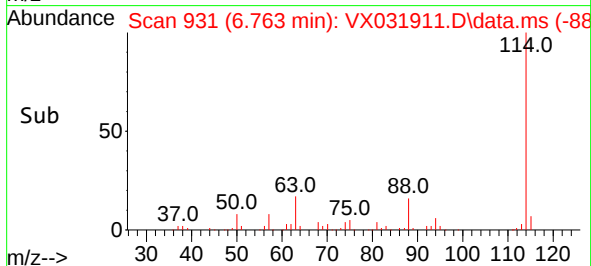
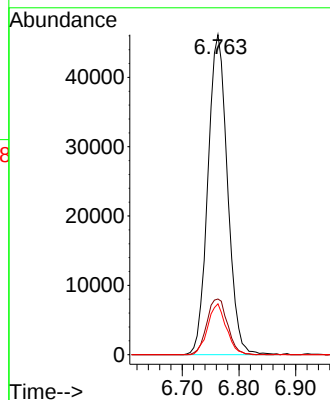
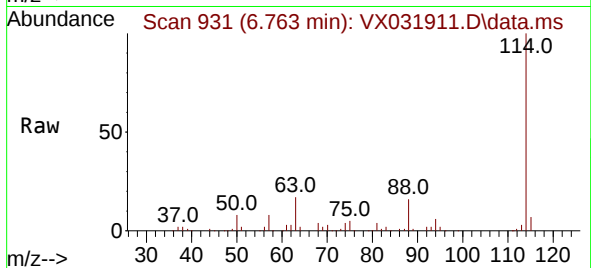
88 15.9 0.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.38 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

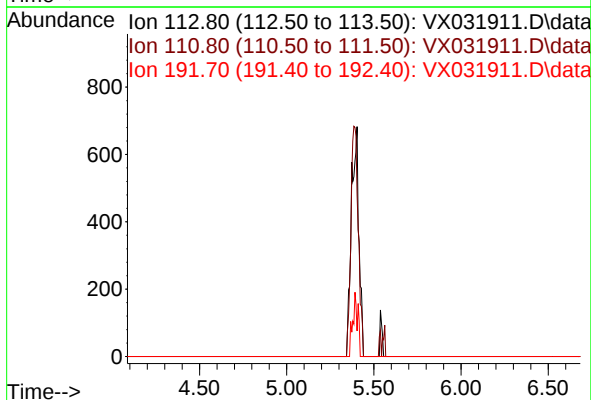
Tgt Ion: 113

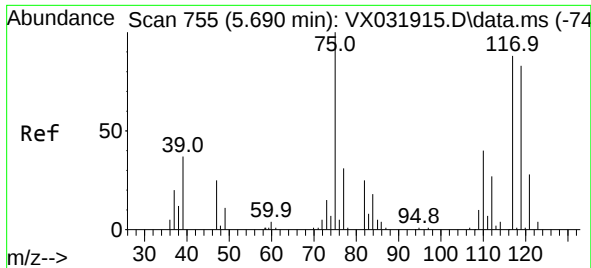
Sig Exp Ratio

113 100

111 103.0

192 17.6





#36  
1,1-Dichloropropene  
Concen: 1.271 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

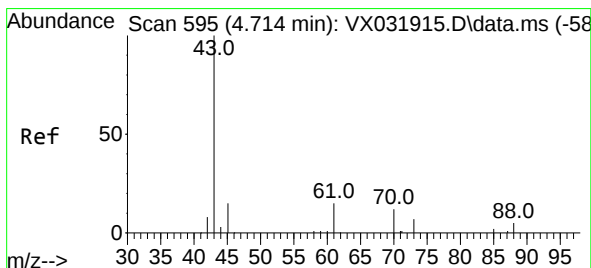
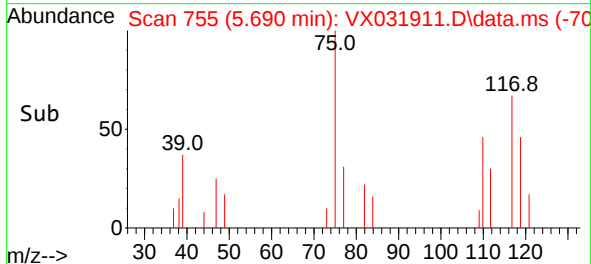
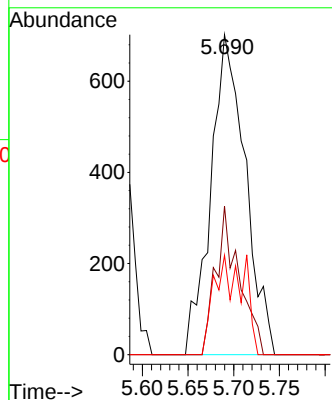
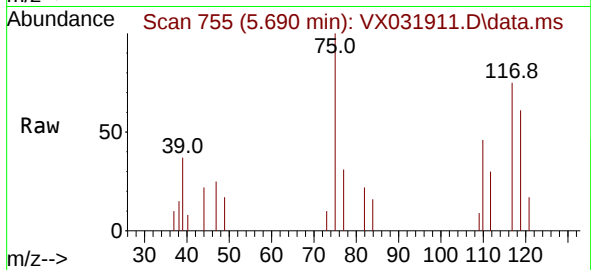
Tgt Ion: 75 Resp: 1850  
Ion Ratio Lower Upper  
75 100  
110 31.5 17.5 52.5  
77 14.4 24.9 37.3

Manual Integrations

APPROVED

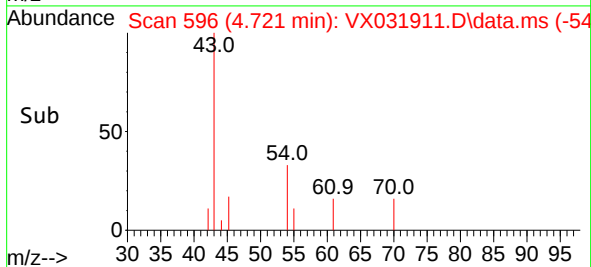
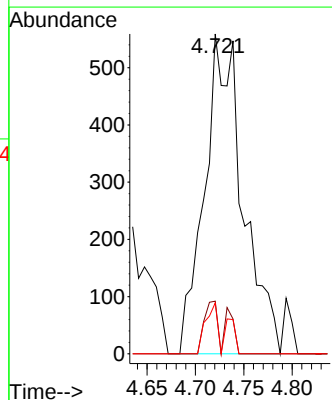
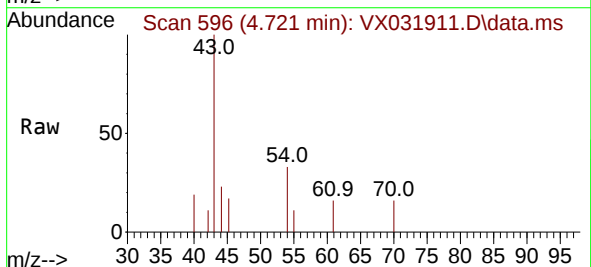
Reviewed By :John Carlone 10/07/2022

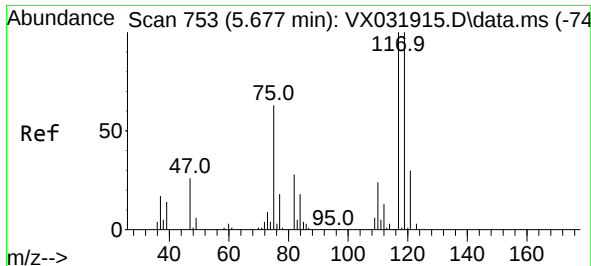
Supervised By :Mahesh Dadoda 10/07/2022



#37  
Ethyl Acetate  
Concen: 1.314 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

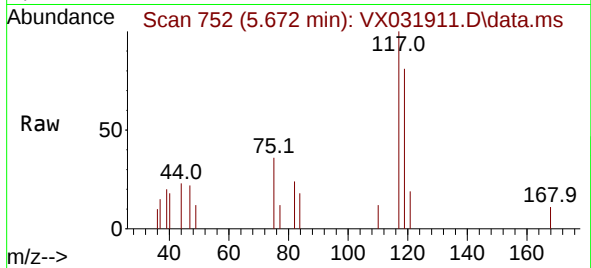
Tgt Ion: 43 Resp: 1536  
Ion Ratio Lower Upper  
43 100  
61 5.7 11.1 16.7#  
70 4.9 8.6 13.0#





#38  
Carbon Tetrachloride  
Concen: 1.002 ug/l  
RT: 5.672 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

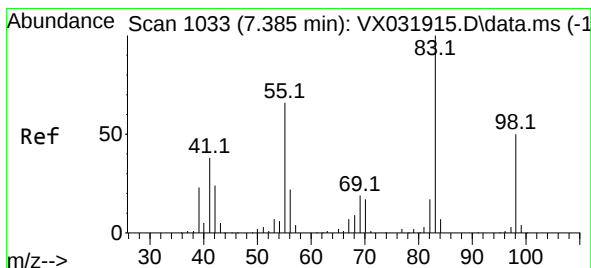
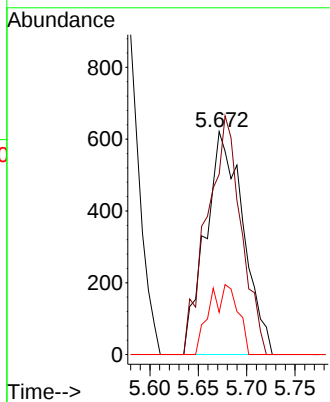
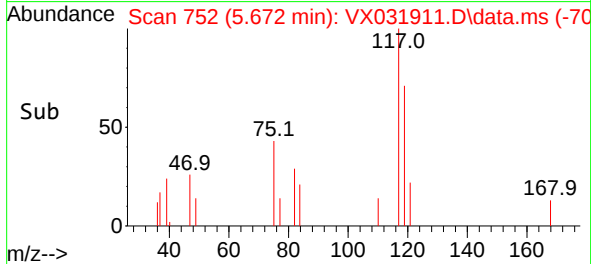
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 117 Resp: 1680  
Ion Ratio Lower Upper  
117 100  
119 80.8 74.6 112.0  
121 19.0 25.3 37.9

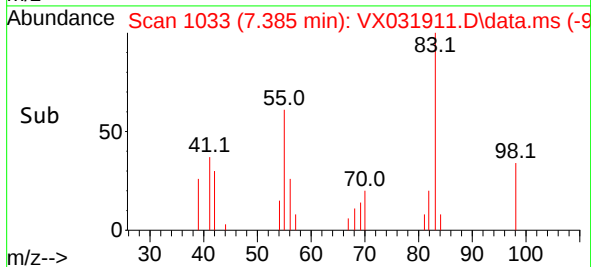
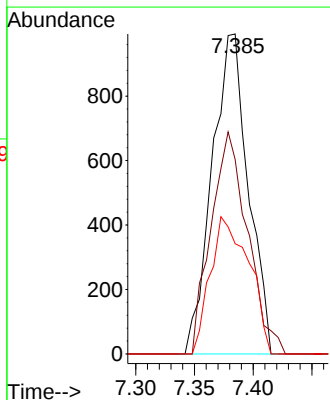
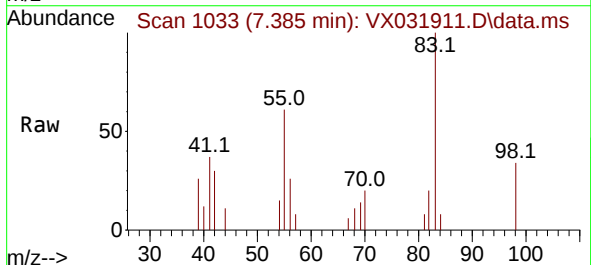
Manual Integrations  
APPROVED

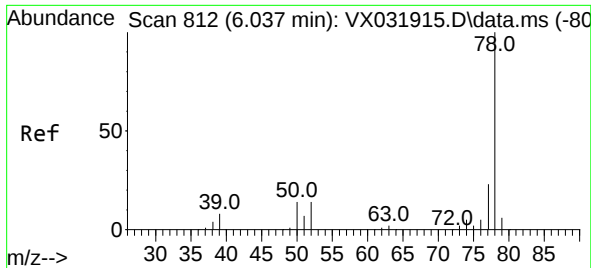
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#39  
Methylcyclohexane  
Concen: 1.150 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 83 Resp: 2127  
Ion Ratio Lower Upper  
83 100  
55 60.7 61.0 91.4#  
98 34.4 37.7 56.5#





#40

Benzene

Concen: 1.165 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 508

Ion Ratio Lower Upper

78 100

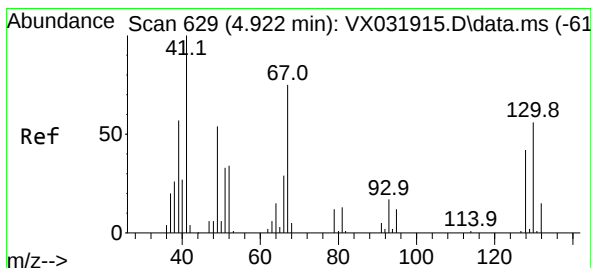
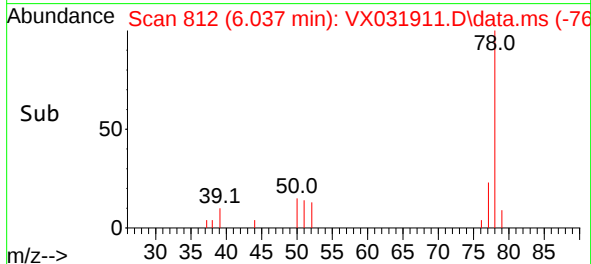
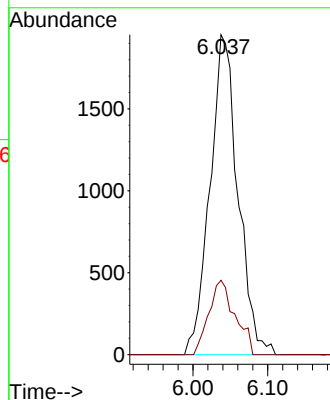
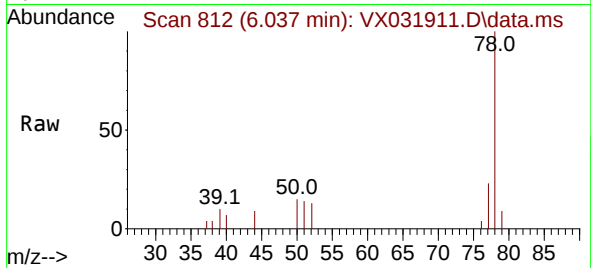
77 23.2 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#41

Methacrylonitrile

Concen: 1.244 ug/l

RT: 4.940 min Scan# 632

Delta R.T. 0.018 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Tgt Ion: 41 Resp: 757

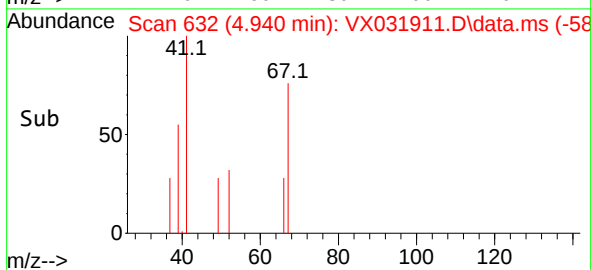
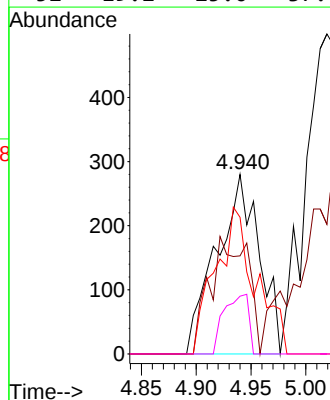
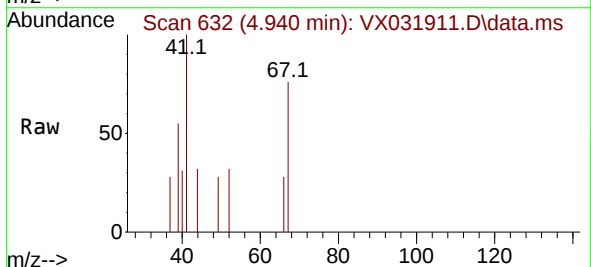
Ion Ratio Lower Upper

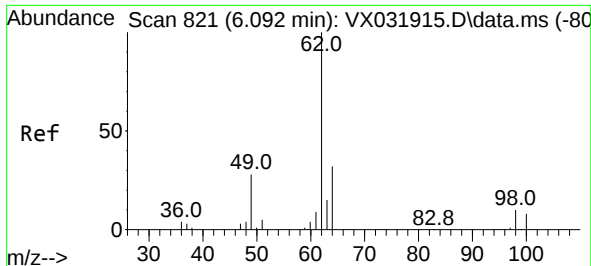
41 100

39 0.0 45.0 67.6#

67 77.1 58.2 87.4

52 19.2 25.0 37.6#





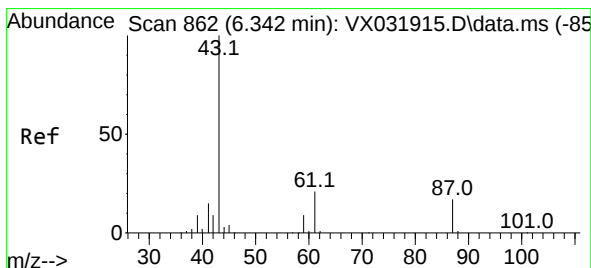
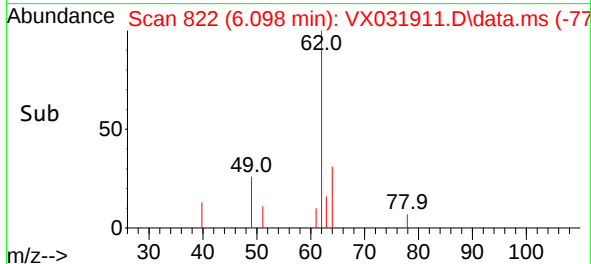
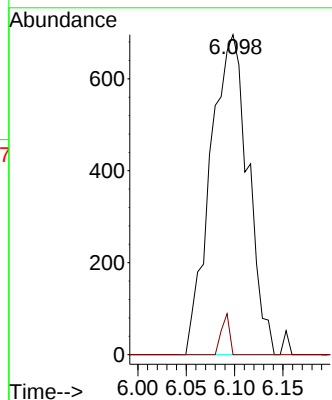
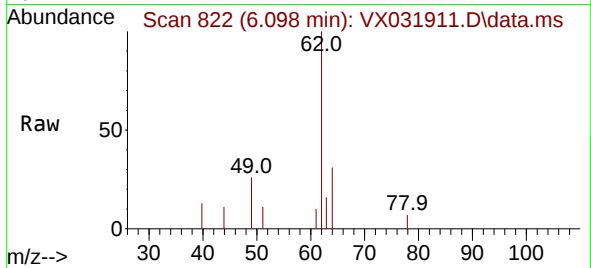
#42  
1,2-Dichloroethane  
Concen: 1.276 ug/l  
RT: 6.098 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 62 Resp: 1884  
Ion Ratio Lower Upper  
62 100  
98 2.8 0.0 17.8

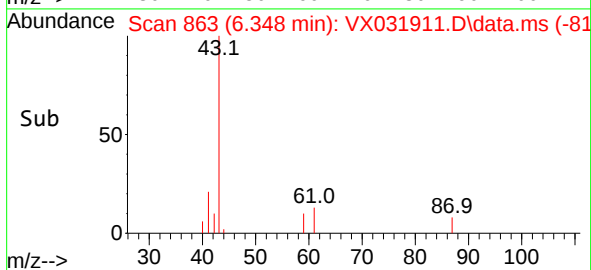
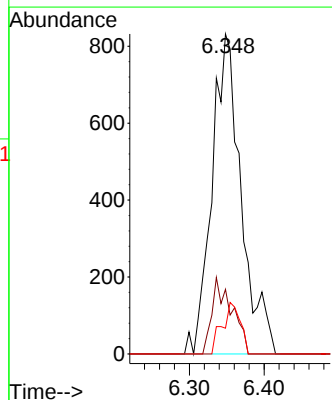
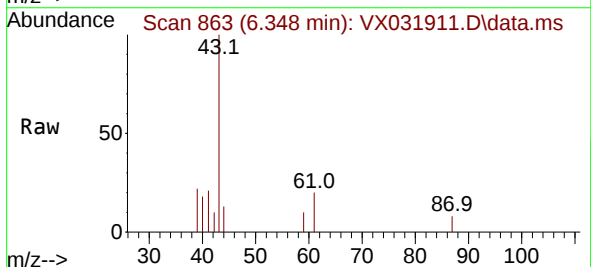
Manual Integrations  
APPROVED

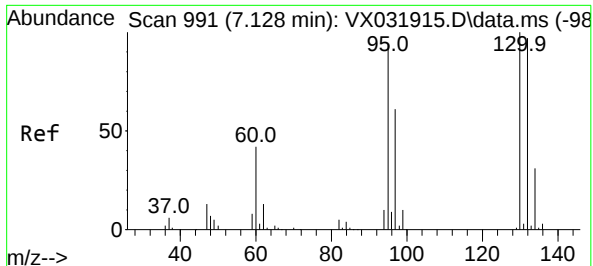
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#43  
Isopropyl Acetate  
Concen: 1.264 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

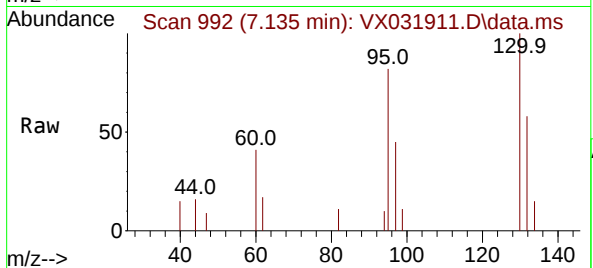
Tgt Ion: 43 Resp: 2262  
Ion Ratio Lower Upper  
43 100  
61 16.4 15.3 22.9  
87 10.0 10.6 15.8#





#44  
Trichloroethene  
Concen: 1.092 ug/l  
RT: 7.135 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

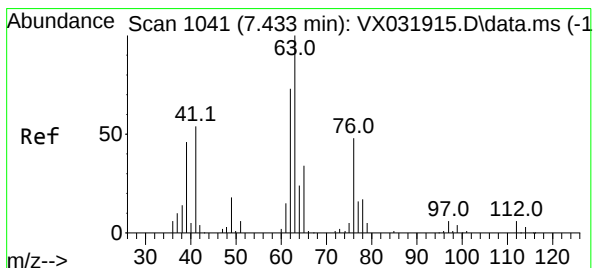
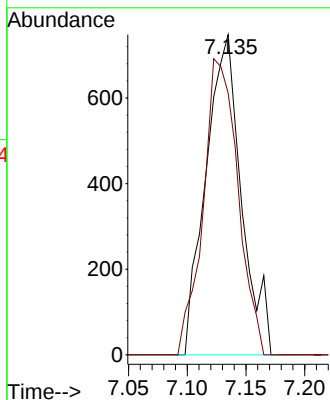
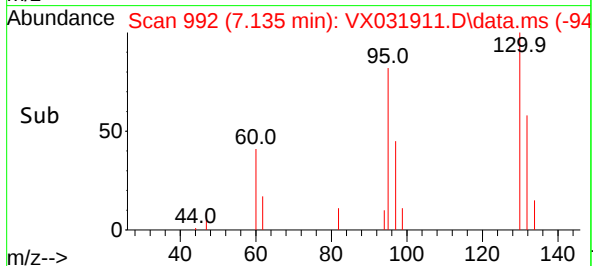
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



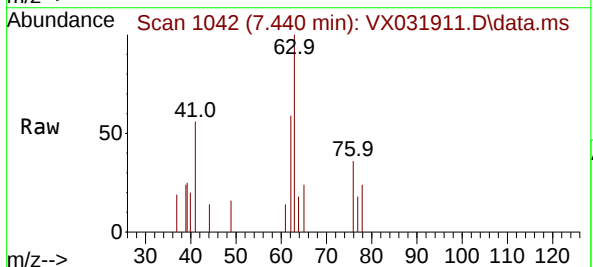
Tgt Ion:130 Resp: 1579  
Ion Ratio Lower Upper  
130 100  
95 81.8 0.0 206.8

Manual Integrations  
APPROVED

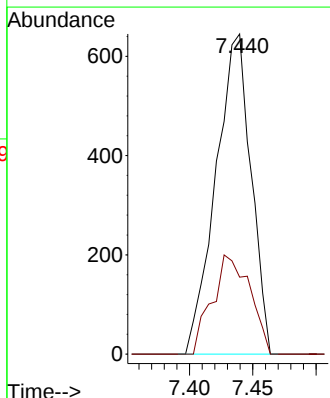
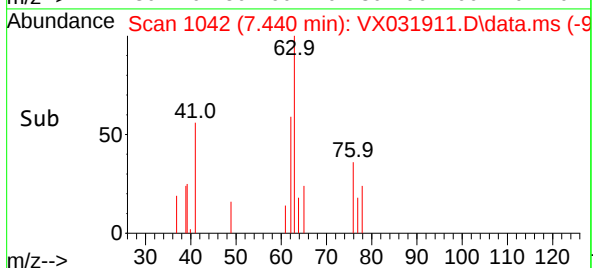
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

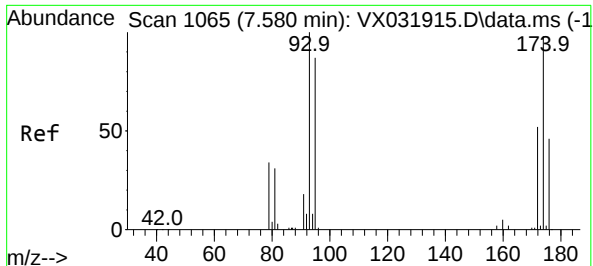


#45  
1,2-Dichloropropane  
Concen: 1.259 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



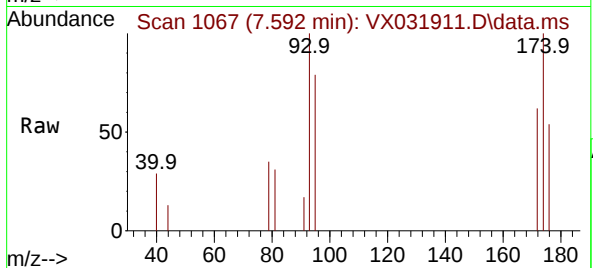
Tgt Ion: 63 Resp: 1247  
Ion Ratio Lower Upper  
63 100  
65 24.0 26.6 39.8#





#46  
Dibromomethane  
Concen: 1.142 ug/l  
RT: 7.592 min Scan# 1104  
Delta R.T. 0.012 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

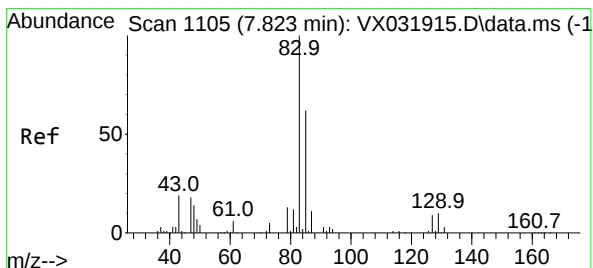
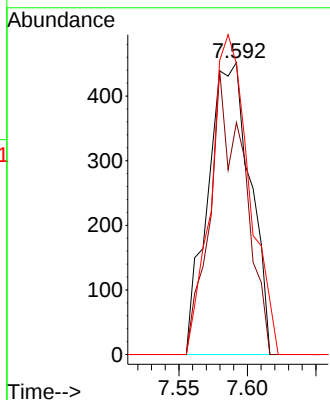
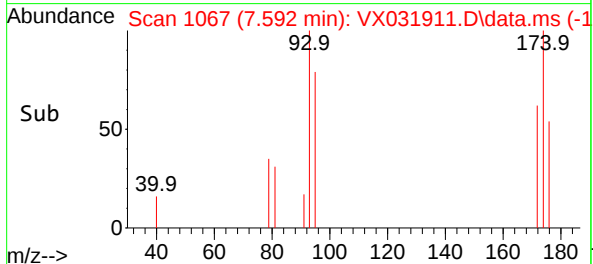
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 93 Resp: 97.0  
Ion Ratio Lower Upper  
93 100  
95 78.6 65.5 98.3  
174 99.0 67.6 101.4

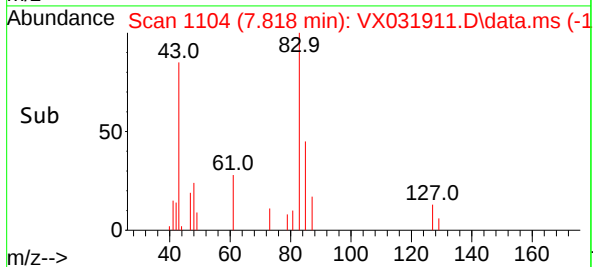
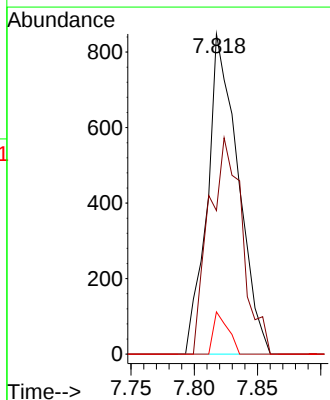
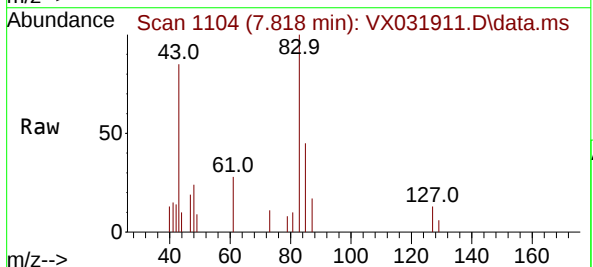
Manual Integrations  
APPROVED

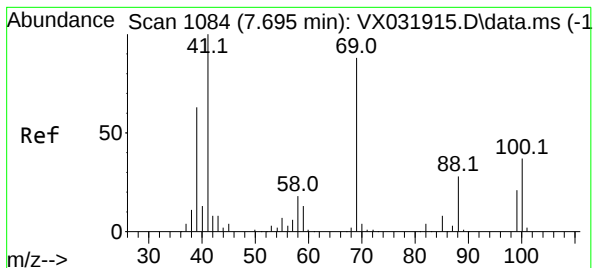
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#47  
Bromodichloromethane  
Concen: 0.980 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 83 Resp: 1437  
Ion Ratio Lower Upper  
83 100  
85 44.8 51.0 76.6#  
127 13.2 7.0 10.6#





#48

Methyl methacrylate

Concen: 1.232 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1054

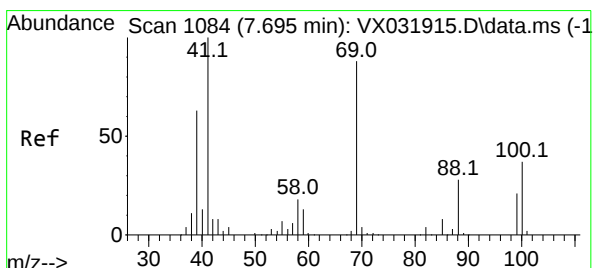
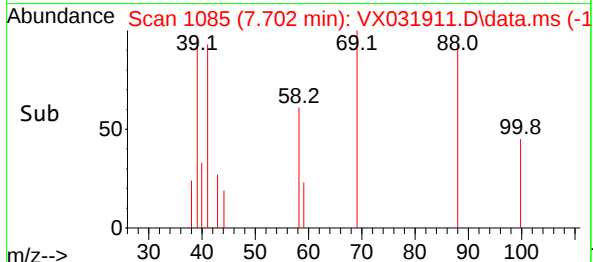
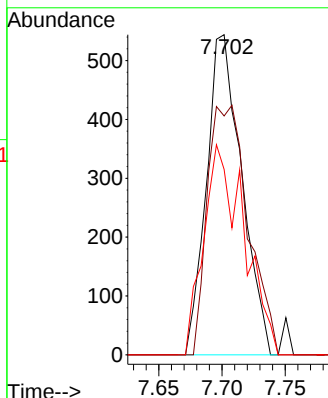
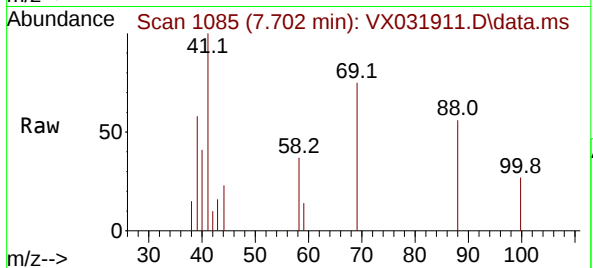
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 90.2  | 64.6  | 96.8  |
| 39  | 75.5  | 51.4  | 77.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#49

1,4-Dioxane

Concen: 18.222 ug/l

RT: 7.702 min Scan# 1085

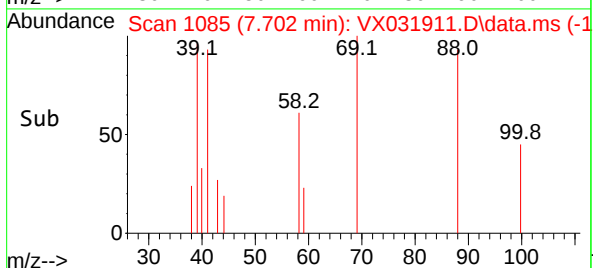
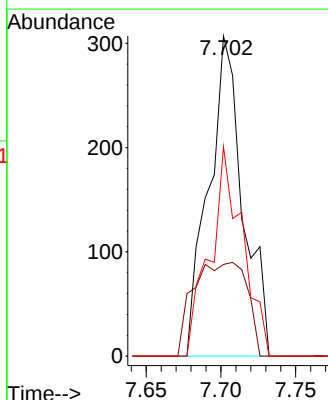
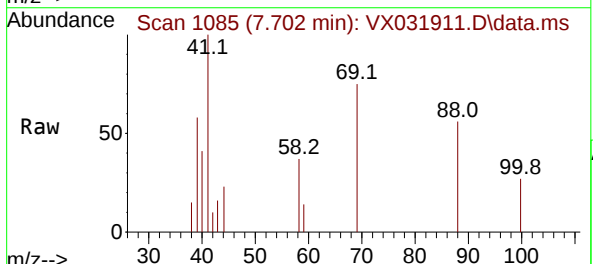
Delta R.T. 0.006 min

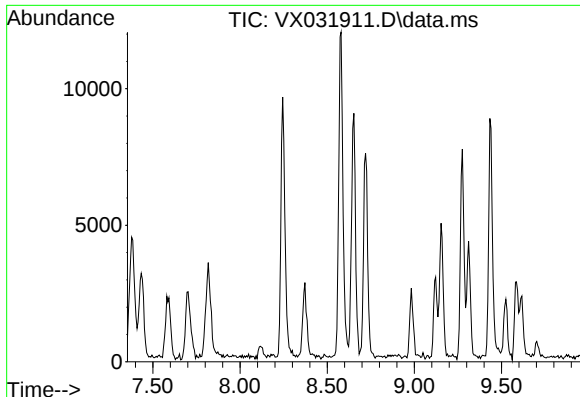
Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Tgt Ion: 88 Resp: 489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 45.8  | 27.1  | 40.7# |
| 58  | 62.2  | 53.9  | 80.9  |





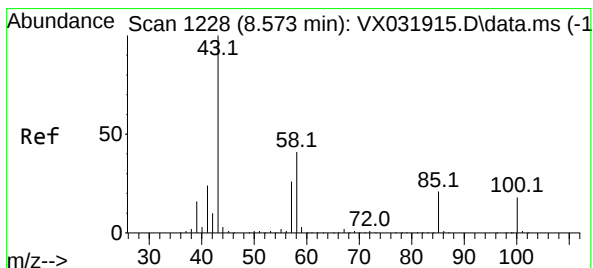
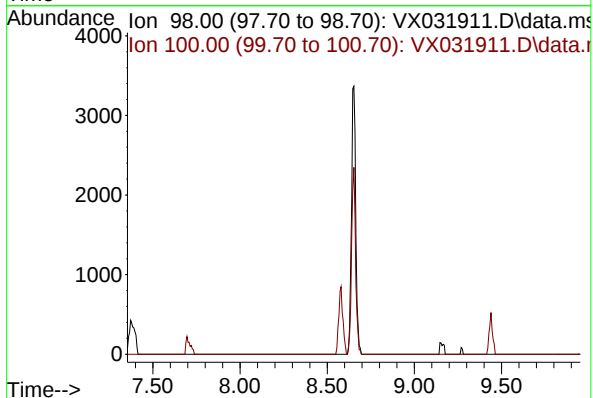
#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 8.65 min  
  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 65.6

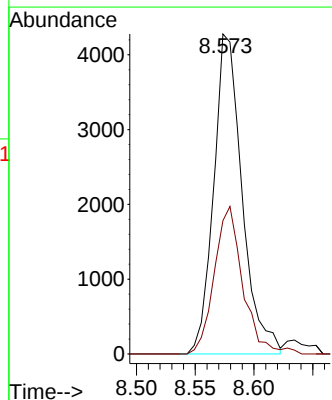
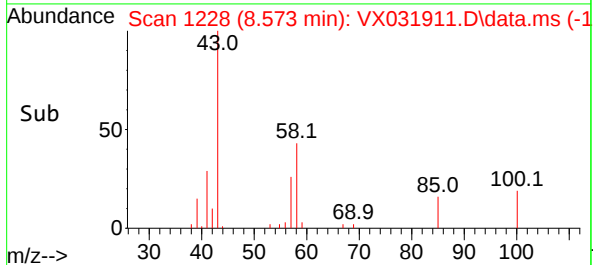
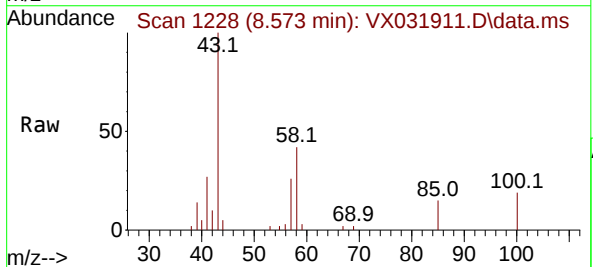
Manual Integrations  
APPROVED

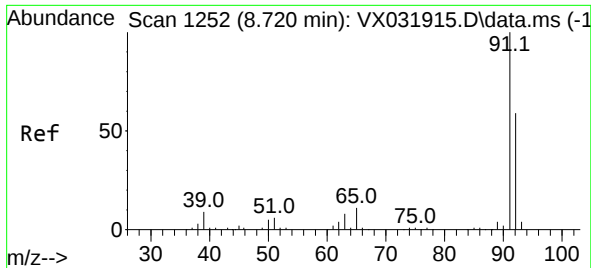
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#51  
4-Methyl-2-Pentanone  
Concen: 5.958 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

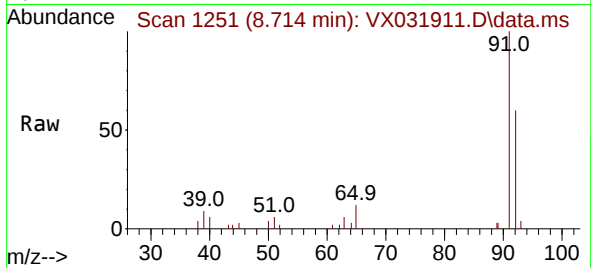
Tgt Ion: 43 Resp: 7187  
Ion Ratio Lower Upper  
43 100  
58 46.4 30.6 46.0#





#52  
Toluene  
Concen: 1.005 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

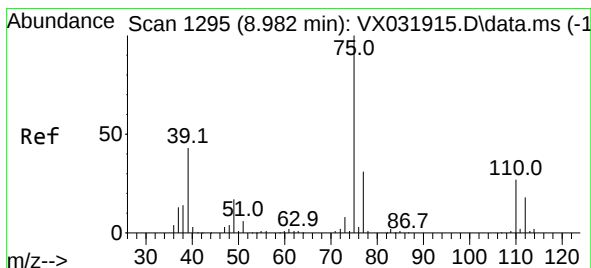
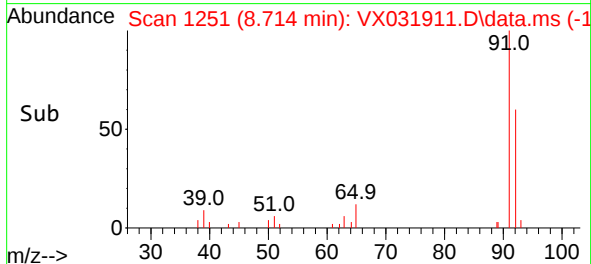
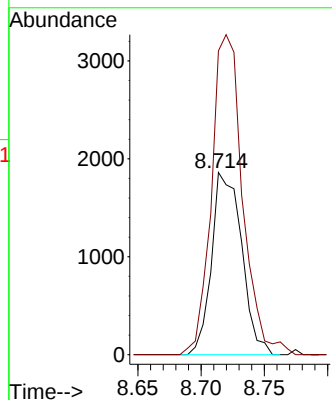
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 92 Resp: 3070  
Ion Ratio Lower Upper  
92 100  
91 182.0 137.1 205.7

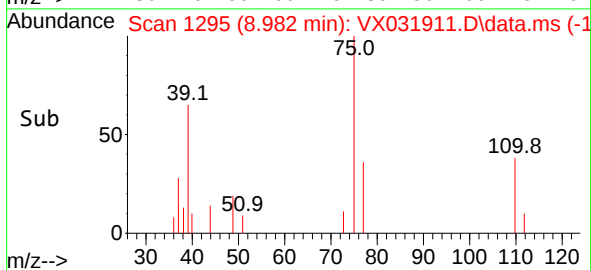
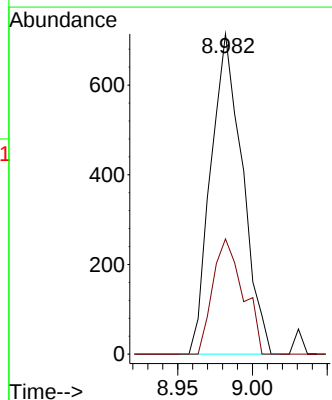
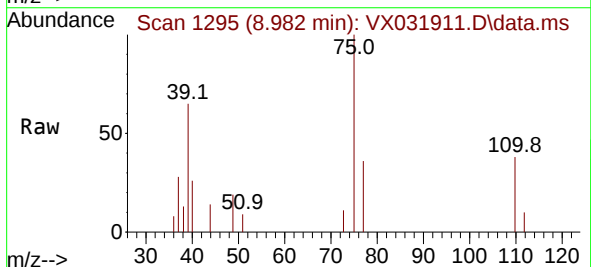
Manual Integrations  
APPROVED

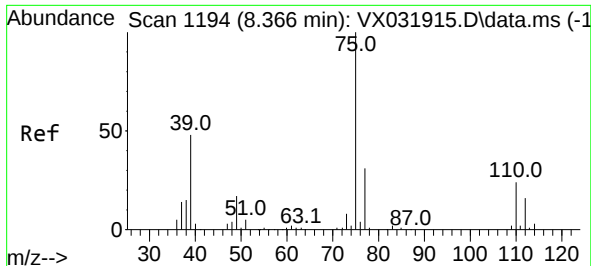
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#53  
t-1,3-Dichloropropene  
Concen: 0.785 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 75 Resp: 1049  
Ion Ratio Lower Upper  
75 100  
77 36.0 24.8 37.2





#54  
 cis-1,3-Dichloropropene  
 Concen: 0.956 ug/l  
 RT: 8.372 min Scan# 1195  
 Delta R.T. 0.006 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

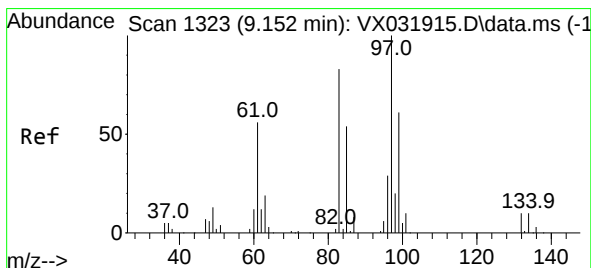
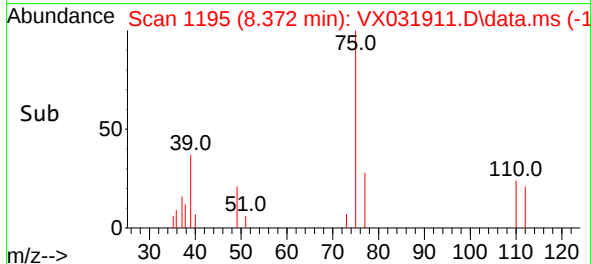
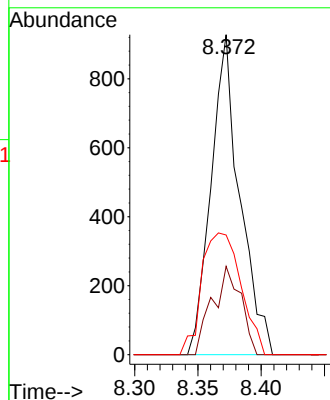
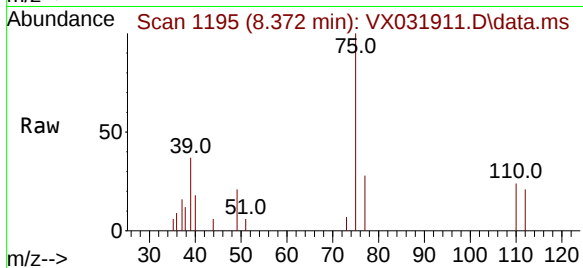
VSTDIC001

Tgt Ion: 75 Resp: 1460  
 Ion Ratio Lower Upper  
 75 100  
 77 27.6 24.4 36.6  
 39 37.4 43.7 65.5

Manual Integrations

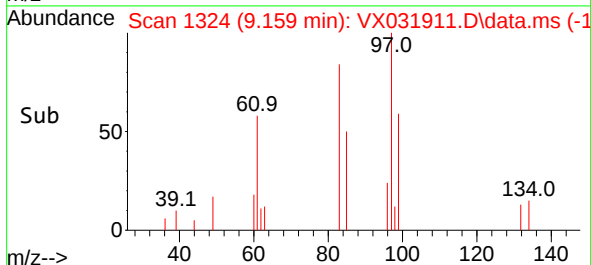
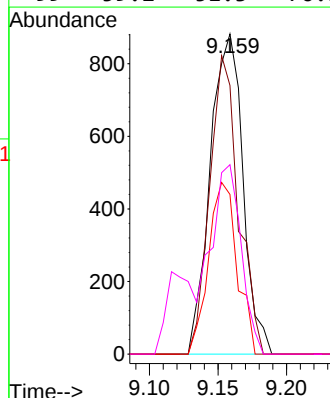
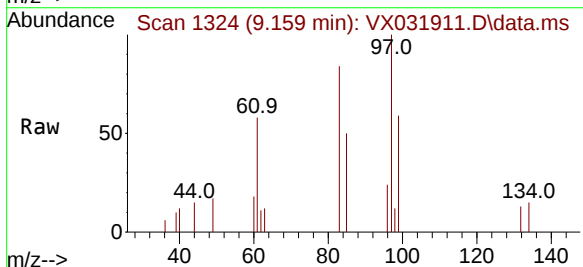
APPROVED

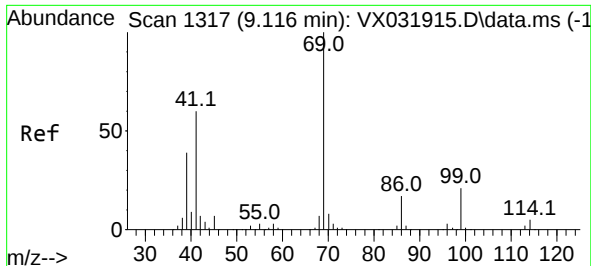
Reviewed By :John Carlone 10/07/2022  
 Supervised By :Mahesh Dadoda 10/07/2022



#55  
 1,1,2-Trichloroethane  
 Concen: 1.164 ug/l  
 RT: 9.159 min Scan# 1324  
 Delta R.T. 0.006 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

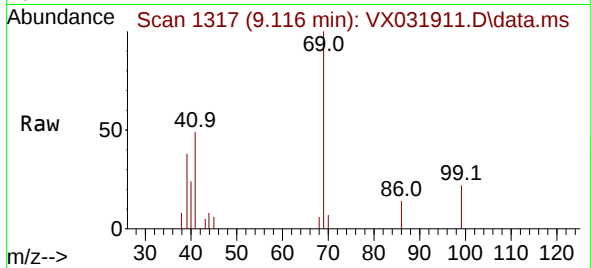
Tgt Ion: 97 Resp: 1460  
 Ion Ratio Lower Upper  
 97 100  
 83 83.9 69.0 103.6  
 85 49.9 44.1 66.1  
 99 59.2 51.3 76.9





#56  
Ethyl methacrylate  
Concen: 1.019 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

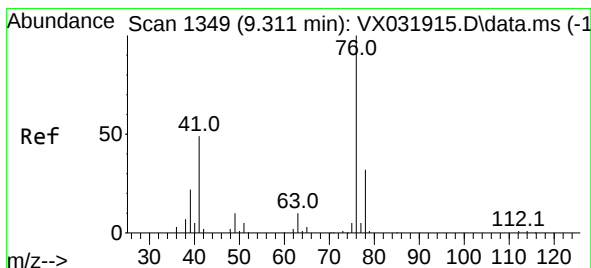
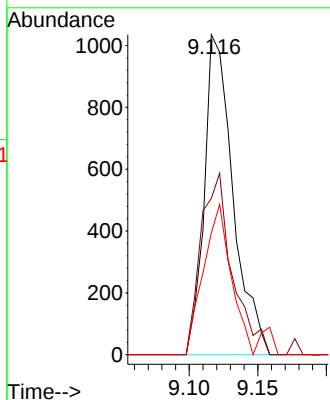
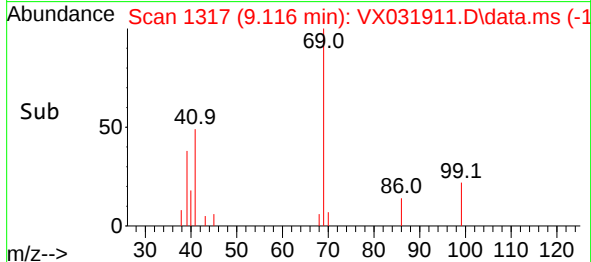
Instrument :  
MSVOA\_X  
Client Sample Id :  
VSTDIC001



Tgt Ion: 69 Resp: 151  
Ion Ratio Lower Upper  
69 100  
41 61.8 54.2 81.4  
39 45.2 34.2 51.2

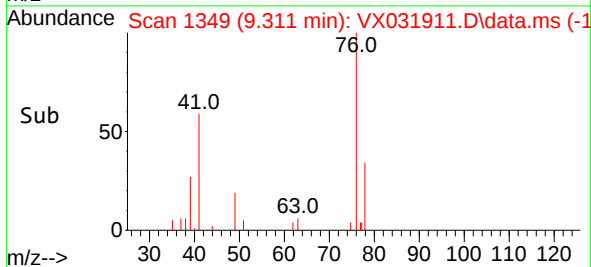
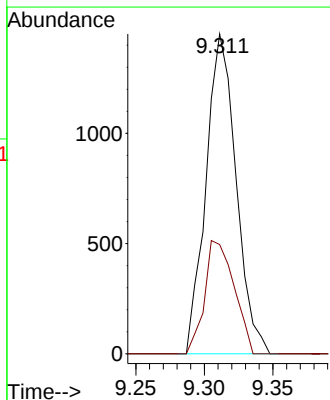
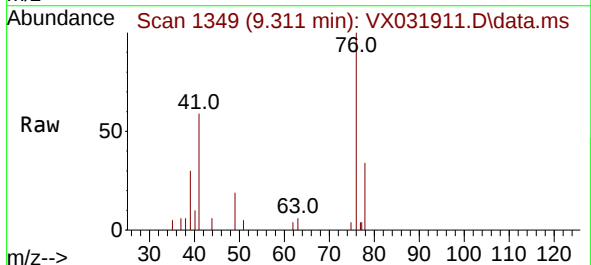
Manual Integrations  
APPROVED

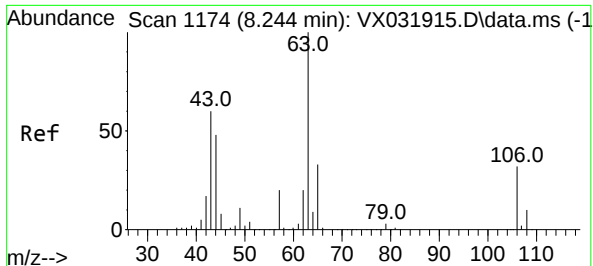
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#57  
1,3-Dichloropropane  
Concen: 1.174 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 76 Resp: 2219  
Ion Ratio Lower Upper  
76 100  
78 34.6 25.5 38.3





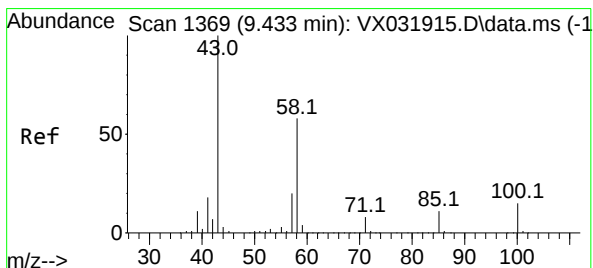
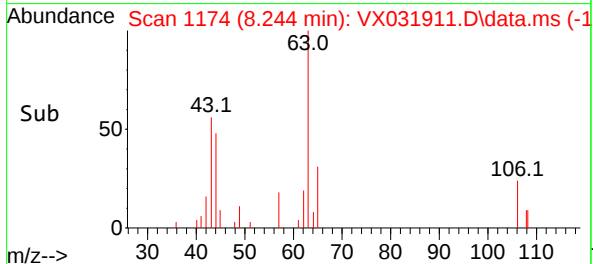
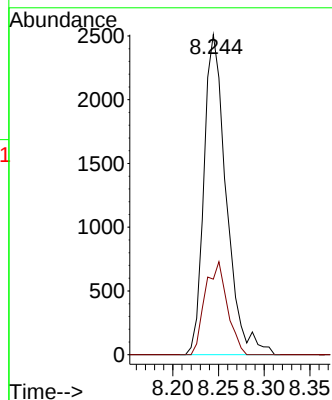
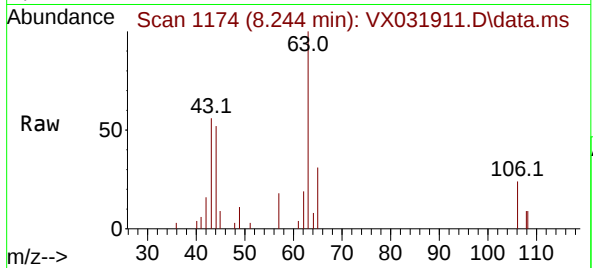
#58  
2-Chloroethyl Vinyl ether  
Concen: 5.746 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 63 Resp: 428  
Ion Ratio Lower Upper  
63 100  
106 28.8 22.6 34.0

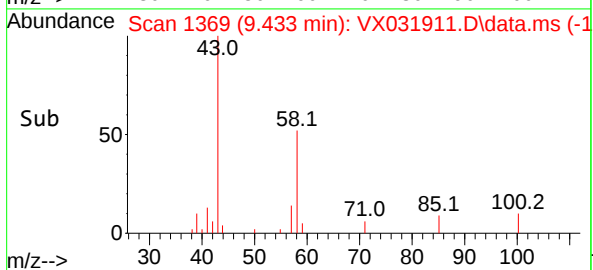
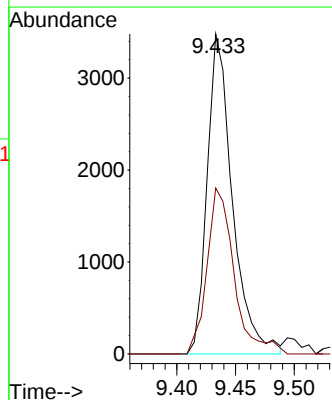
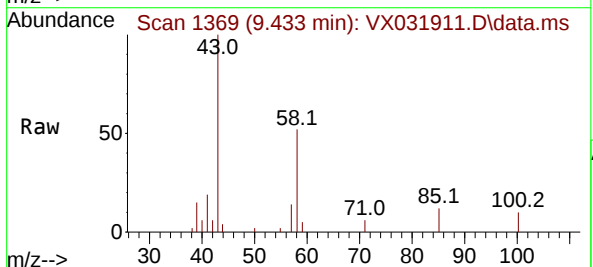
Manual Integrations  
APPROVED

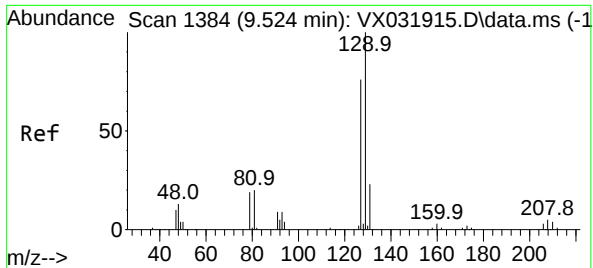
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#59  
2-Hexanone  
Concen: 5.932 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

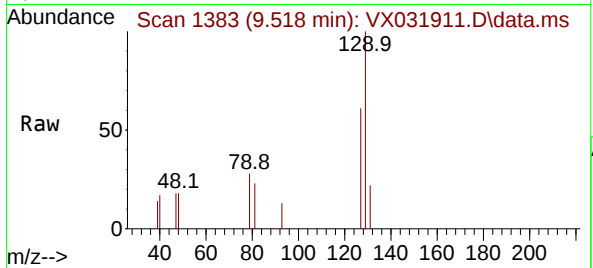
Tgt Ion: 43 Resp: 5200  
Ion Ratio Lower Upper  
43 100  
58 55.8 26.7 80.0





#60  
Dibromochloromethane  
Concen: 0.825 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

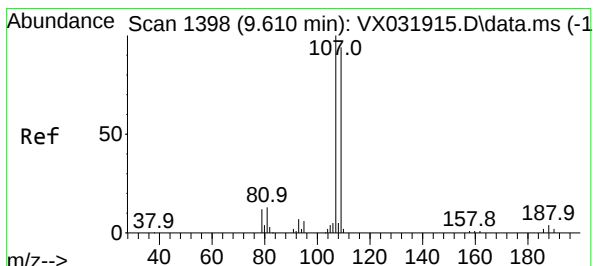
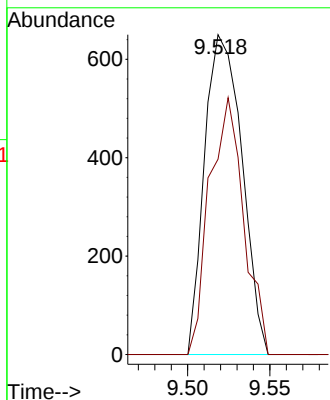
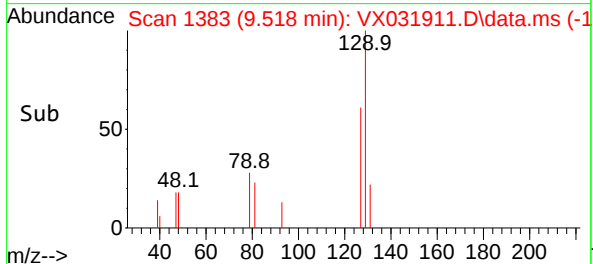
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



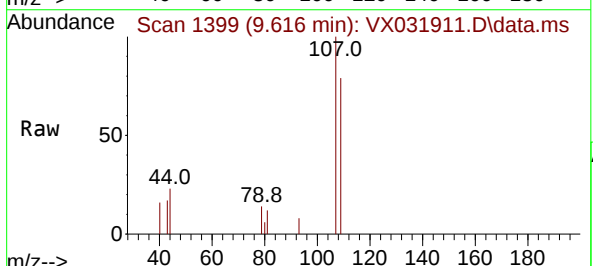
Tgt Ion:129 Resp: 1020  
Ion Ratio Lower Upper  
129 100  
127 73.5 38.7 116.1

Manual Integrations  
APPROVED

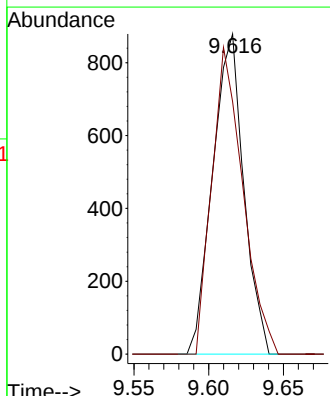
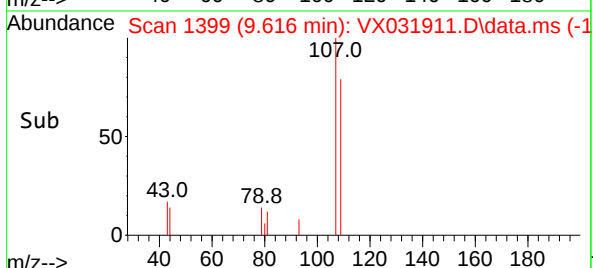
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

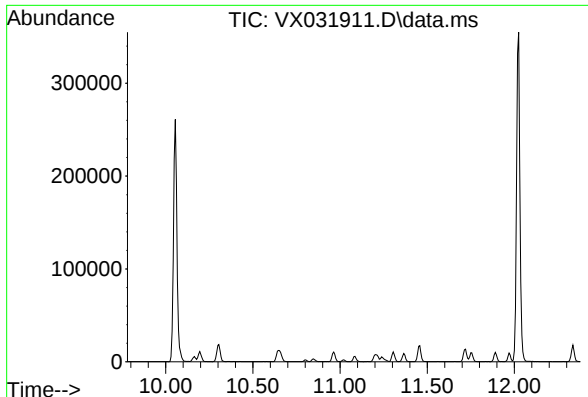


#61  
1,2-Dibromoethane  
Concen: 0.961 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



Tgt Ion:107 Resp: 1269  
Ion Ratio Lower Upper  
107 100  
109 95.8 74.2 111.4





#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 11.08 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

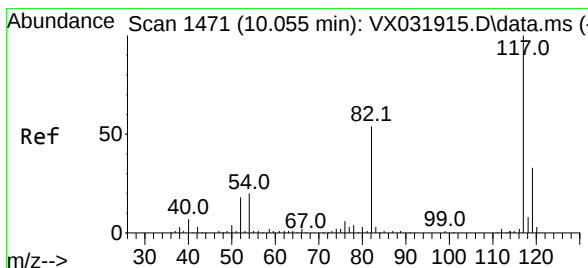
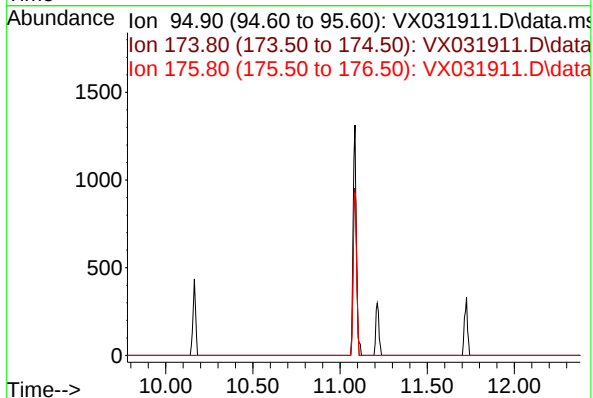
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 95  

| Sig | Exp  | Ratio |
|-----|------|-------|
| 95  | 100  |       |
| 174 | 76.6 |       |
| 176 | 72.0 |       |

### Manual Integrations APPROVED

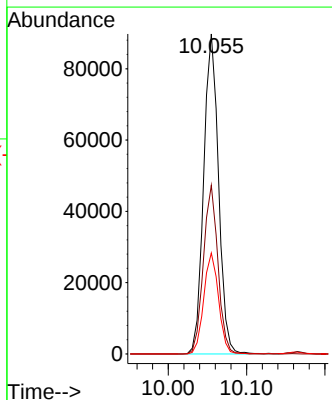
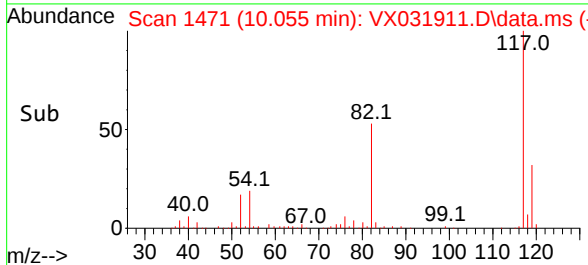
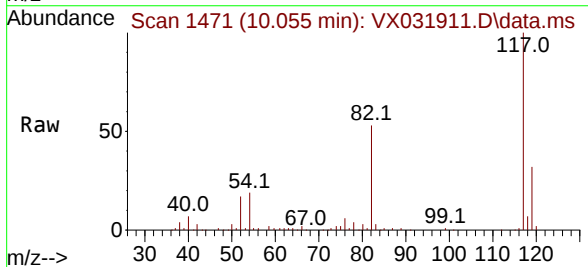
Reviewed By :John Carlone 10/07/2022  
 Supervised By :Mahesh Dadoda 10/07/2022

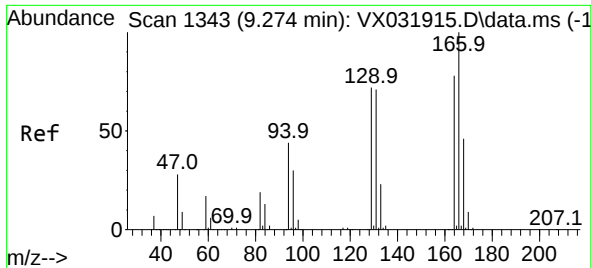


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Tgt Ion: 117 Resp: 117911  

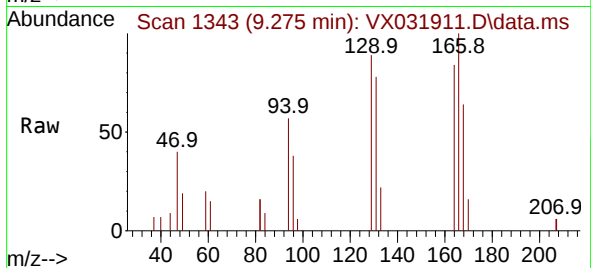
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 52.7  | 46.8  | 70.2  |
| 119 | 31.5  | 26.4  | 39.6  |





#64  
Tetrachloroethene  
Concen: 0.956 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

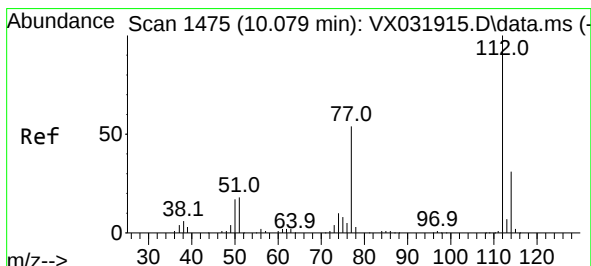
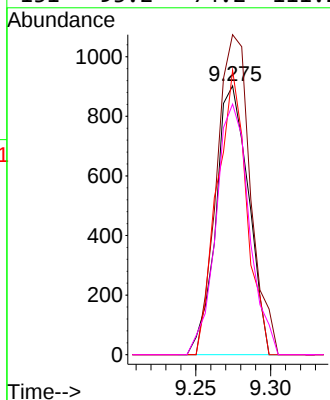
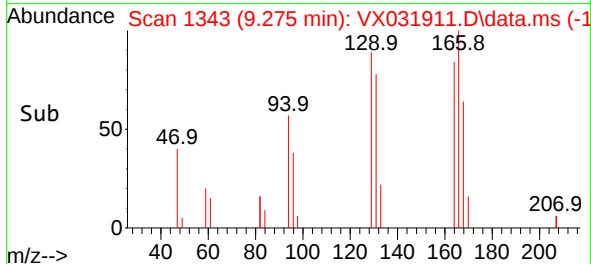


Tgt Ion:164 Resp: 1368

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 119.1 | 99.0  | 148.4 |
| 129 | 105.9 | 78.0  | 117.0 |
| 131 | 93.2  | 74.2  | 111.2 |

Manual Integrations  
APPROVED

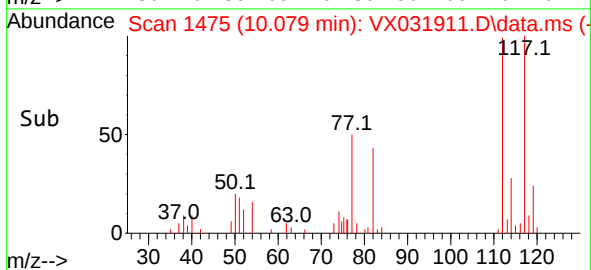
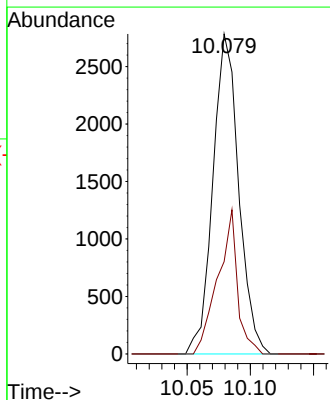
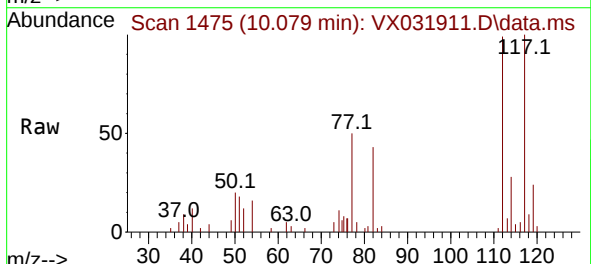
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

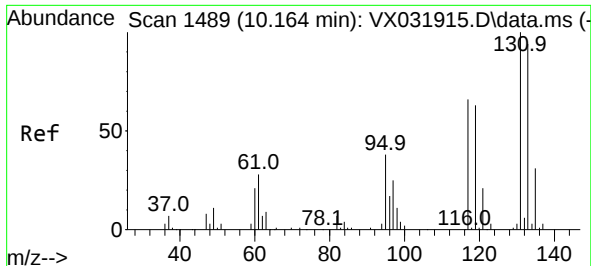


#65  
Chlorobenzene  
Concen: 1.167 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion:112 Resp: 3939

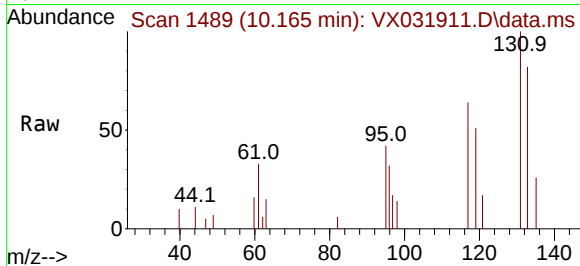
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 28.8  | 25.7  | 38.5  |





#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.096 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

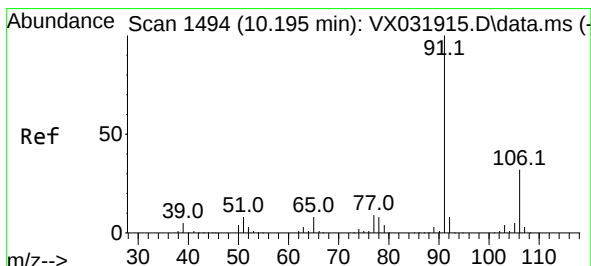
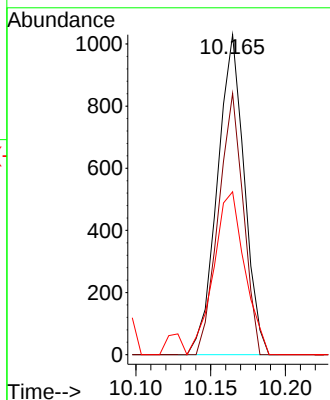
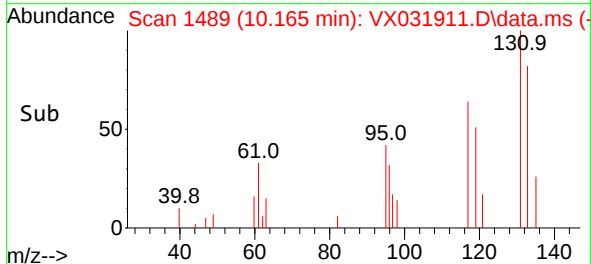
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:131 Resp: 1292  
Ion Ratio Lower Upper  
131 100  
133 74.8 46.6 139.7  
119 0.0 31.9 95.9

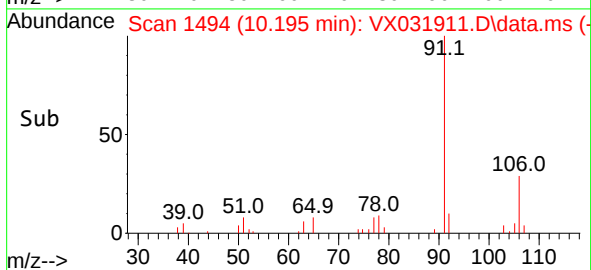
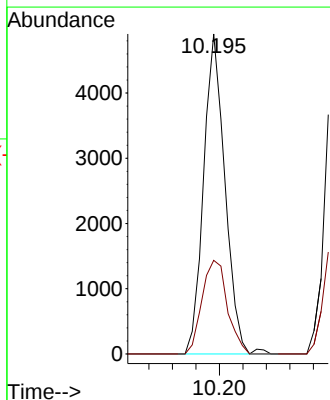
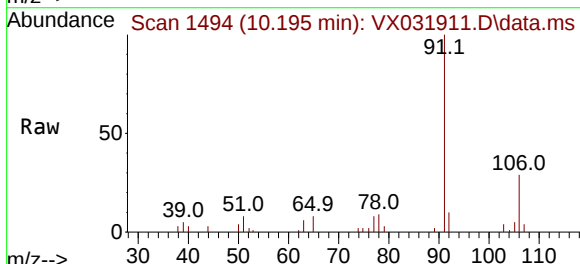
Manual Integrations  
APPROVED

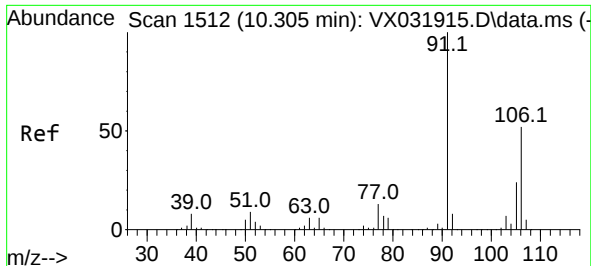
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#67  
Ethyl Benzene  
Concen: 1.128 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion: 91 Resp: 6192  
Ion Ratio Lower Upper  
91 100  
106 29.3 25.2 37.8





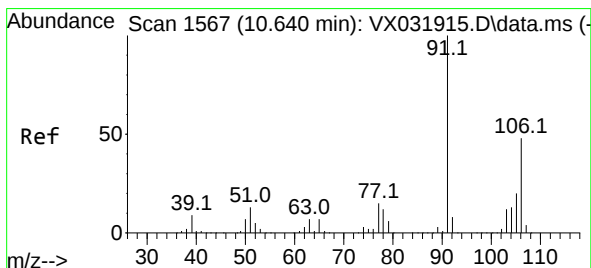
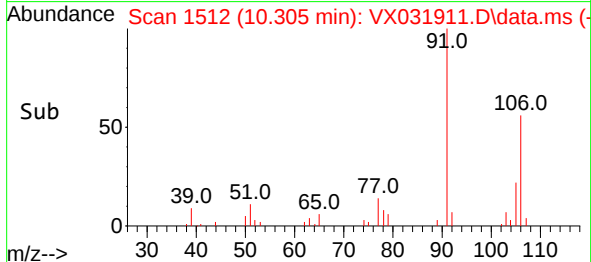
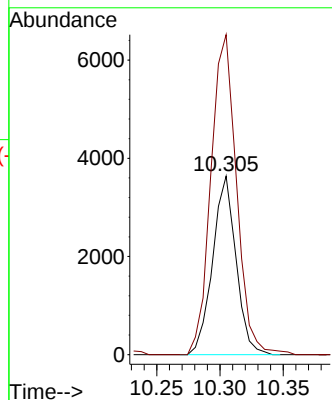
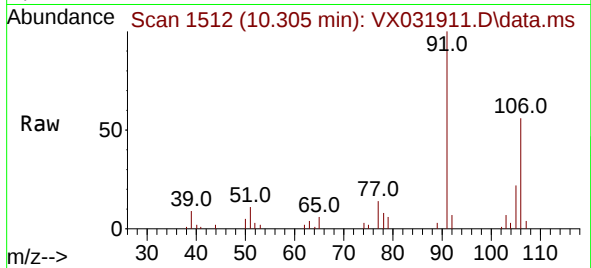
#68  
m/p-Xylenes  
Concen: 2.042 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:106 Resp: 4678  
Ion Ratio Lower Upper  
106 100  
91 196.0 161.0 241.4

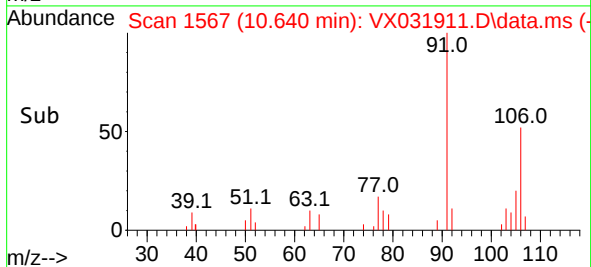
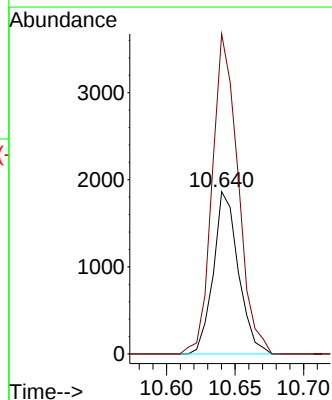
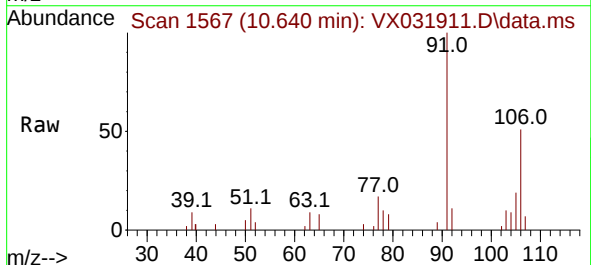
Manual Integrations  
APPROVED

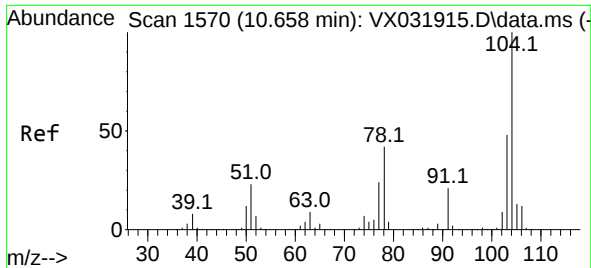
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#69  
o-Xylene  
Concen: 1.049 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion:106 Resp: 2360  
Ion Ratio Lower Upper  
106 100  
91 203.6 107.2 321.6





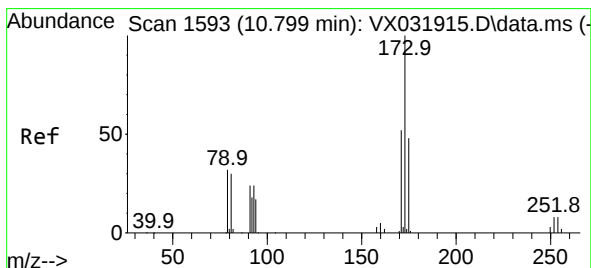
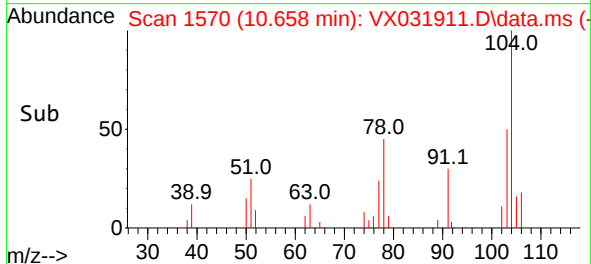
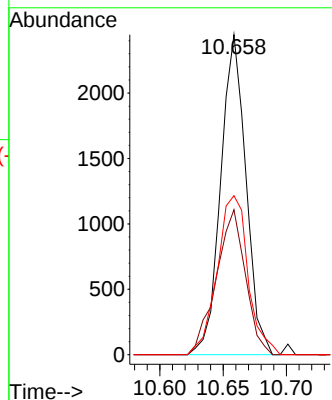
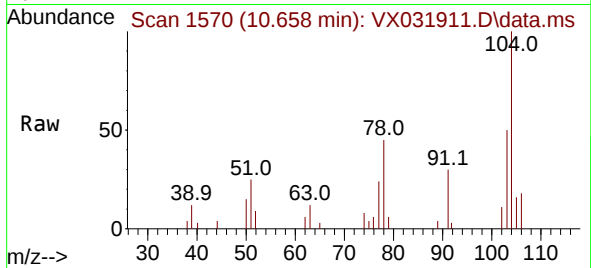
#70  
Styrene  
Concen: 0.955 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:104 Resp: 3380  
Ion Ratio Lower Upper  
104 100  
78 52.5 41.4 62.2  
103 60.9 43.8 65.8

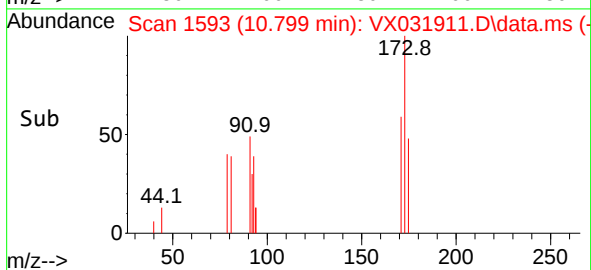
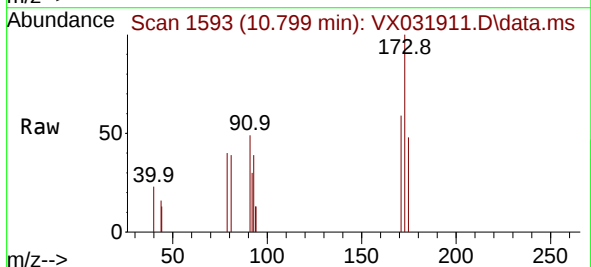
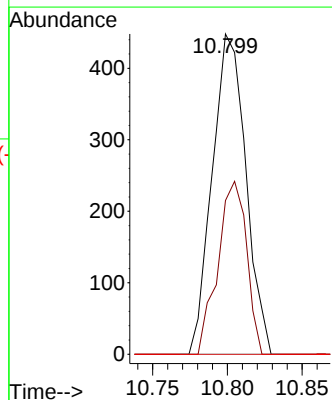
Manual Integrations  
APPROVED

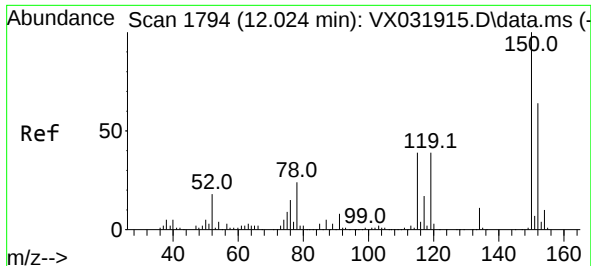
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#71  
Bromoform  
Concen: 0.821 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

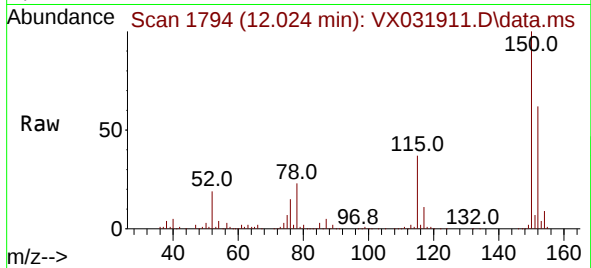
Tgt Ion:173 Resp: 699  
Ion Ratio Lower Upper  
173 100  
175 46.2 24.0 72.0  
254 0.0 0.0 0.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

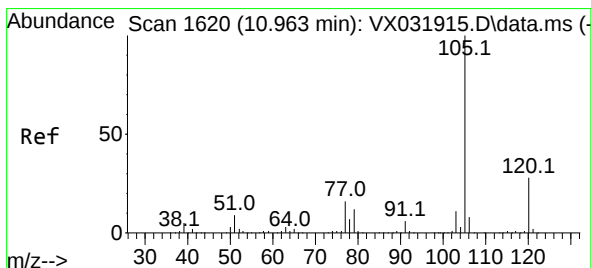
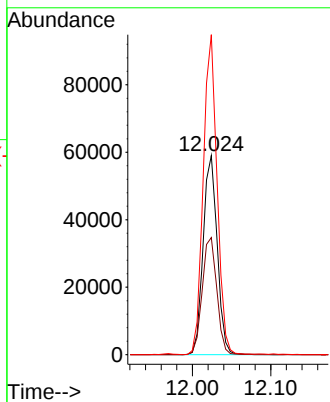
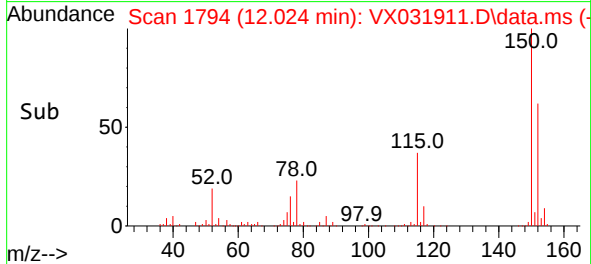
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



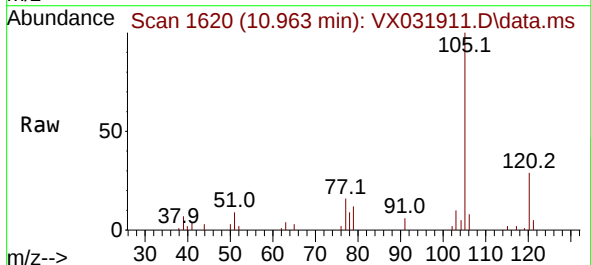
Tgt Ion:152 Resp: 7360  
Ion Ratio Lower Upper  
152 100  
115 60.8 43.4 130.1  
150 157.6 0.0 346.8

Manual Integrations  
APPROVED

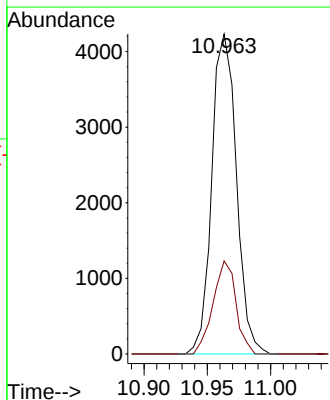
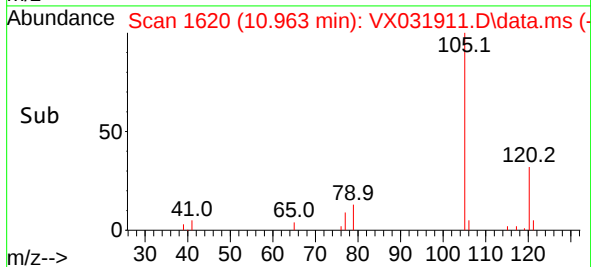
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

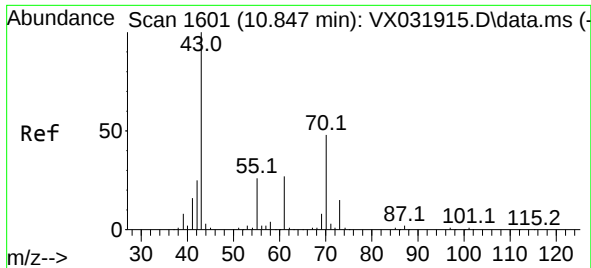


#73  
Isopropylbenzene  
Concen: 1.137 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



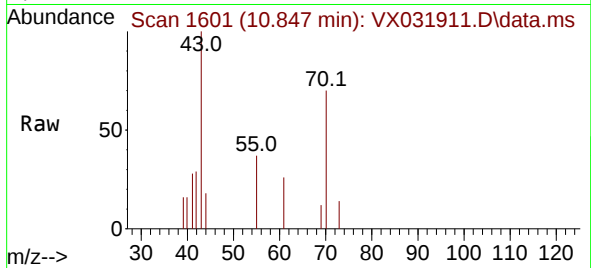
Tgt Ion:105 Resp: 5720  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.7 41.0





#74  
N-amy1 acetate  
Concen: 1.200 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

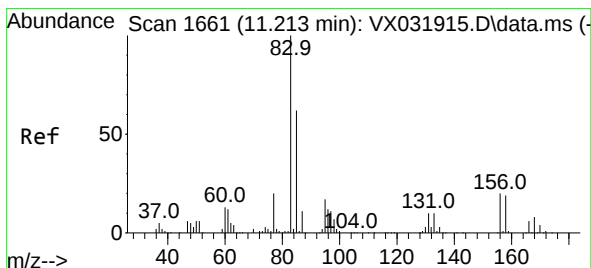
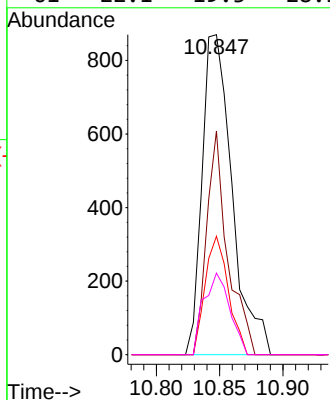
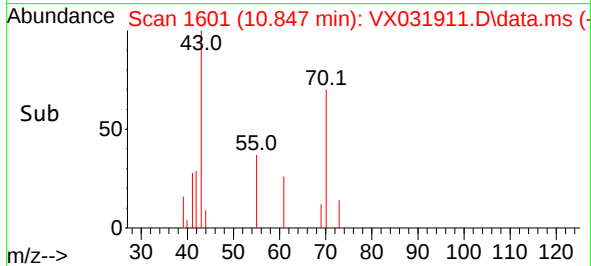
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



| Tgt Ion: | 43    | Resp: | 143   |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 48.9  | 33.4  | 50.2  |
| 55       | 28.7  | 18.2  | 27.2  |
| 61       | 22.1  | 19.3  | 28.9  |

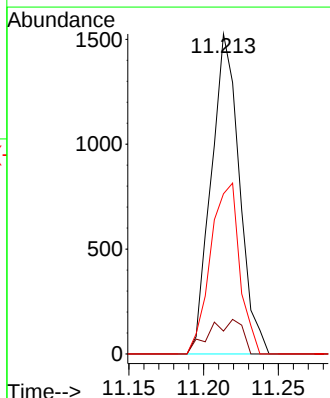
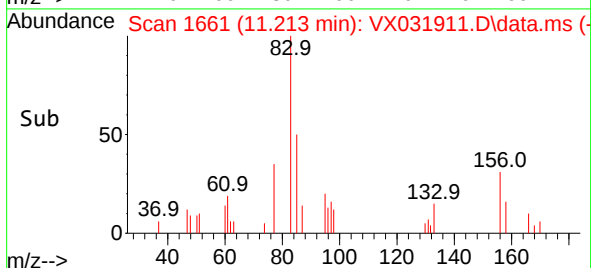
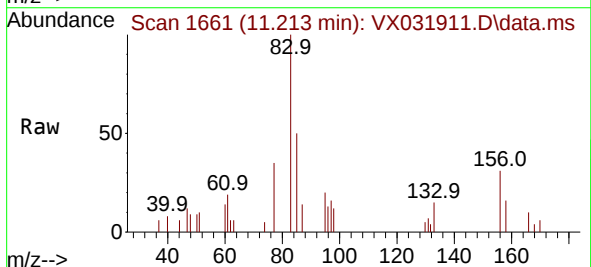
Manual Integrations  
APPROVED

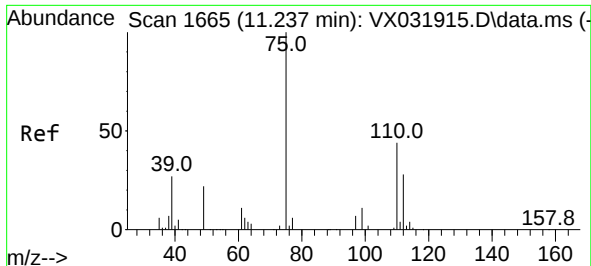
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.407 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

| Tgt Ion: | 83    | Resp: | 2003  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 12.6  | 5.1   | 15.4  |
| 85       | 55.0  | 32.6  | 97.8  |





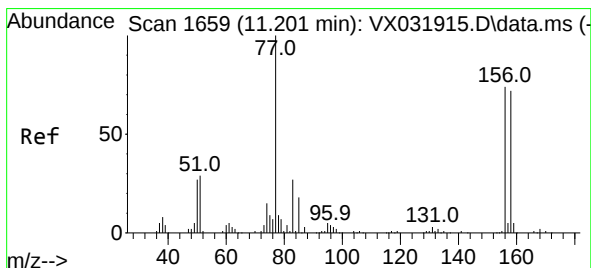
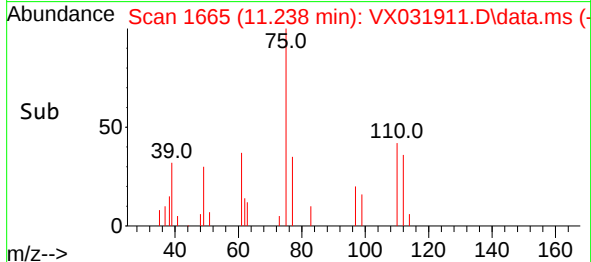
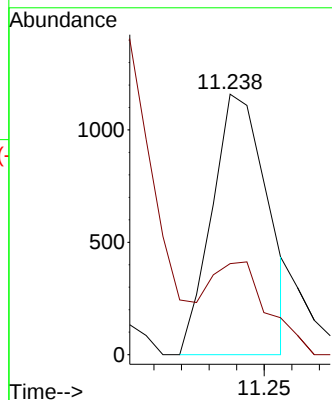
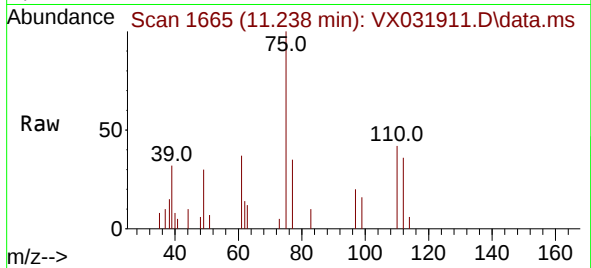
#76  
1,2,3-Trichloropropane  
Concen: 1.346 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 75 Resp: 161  
Ion Ratio Lower Upper  
75 100  
77 36.6 20.3 60.9

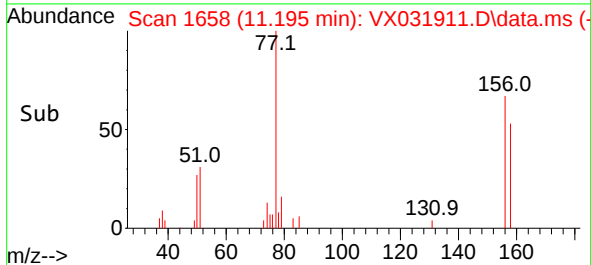
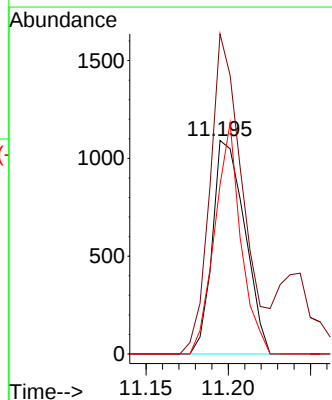
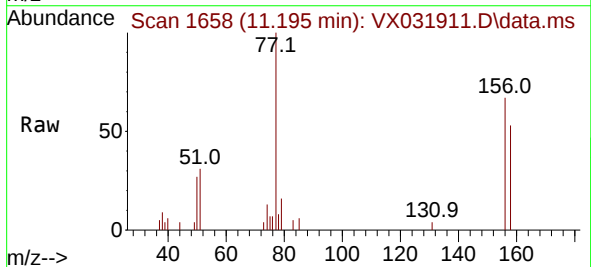
Manual Integrations  
APPROVED

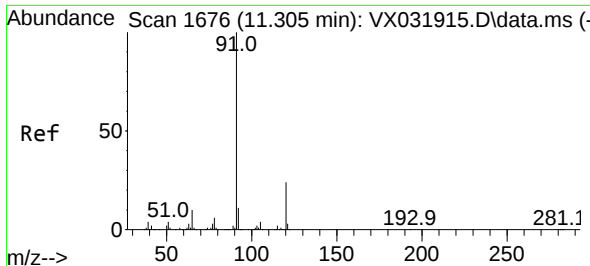
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#77  
Bromobenzene  
Concen: 1.116 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion:156 Resp: 1491  
Ion Ratio Lower Upper  
156 100  
77 151.9 79.5 238.6  
158 87.4 48.4 145.3





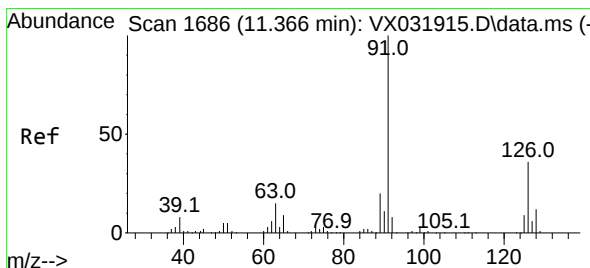
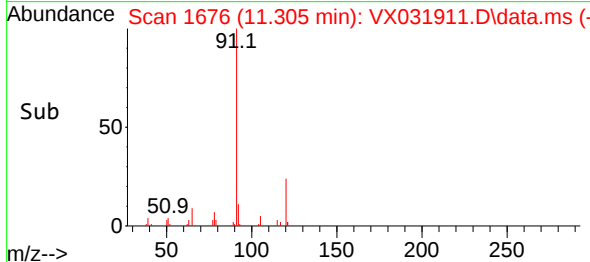
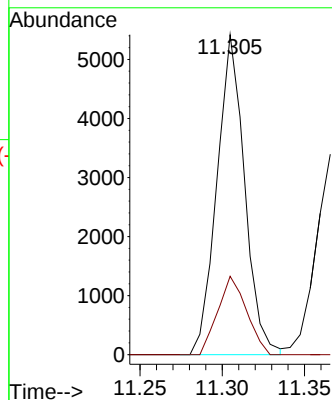
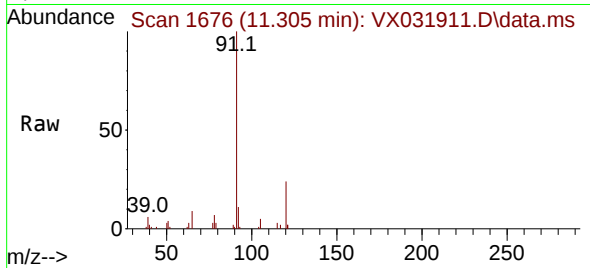
#78  
n-propylbenzene  
Concen: 1.172 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 636  
Ion Ratio Lower Upper  
91 100  
120 25.3 11.8 35.4

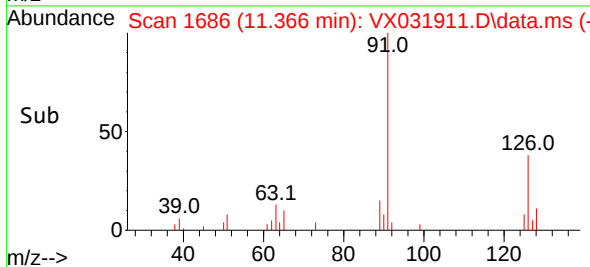
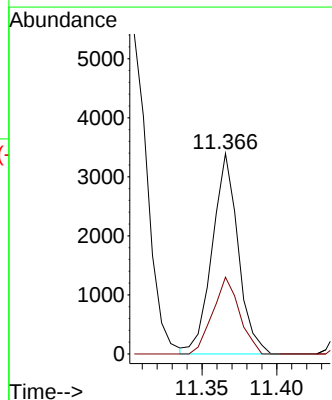
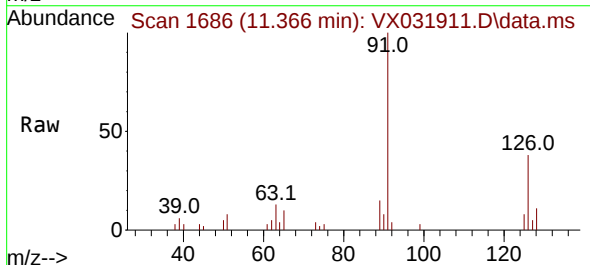
Manual Integrations  
APPROVED

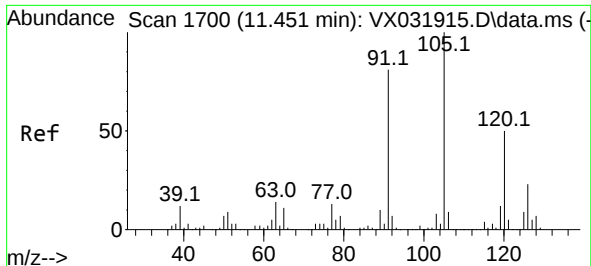
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#79  
2-Chlorotoluene  
Concen: 1.242 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

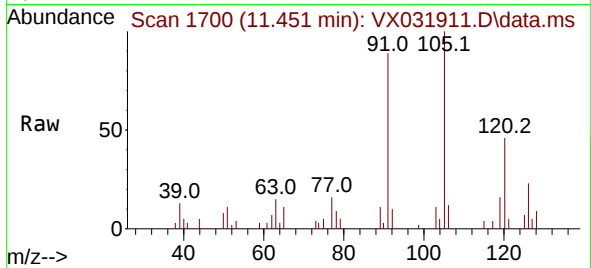
Tgt Ion: 91 Resp: 4099  
Ion Ratio Lower Upper  
91 100  
126 39.3 17.4 52.3





#80  
1,3,5-Trimethylbenzene  
Concen: 1.062 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

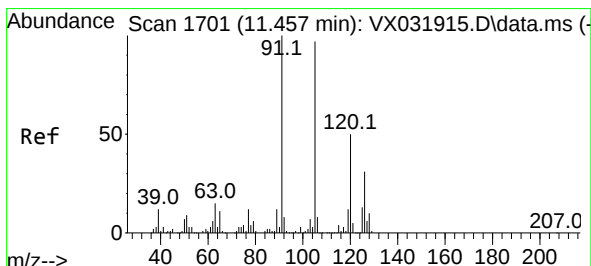
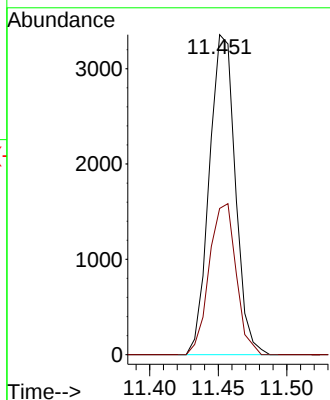
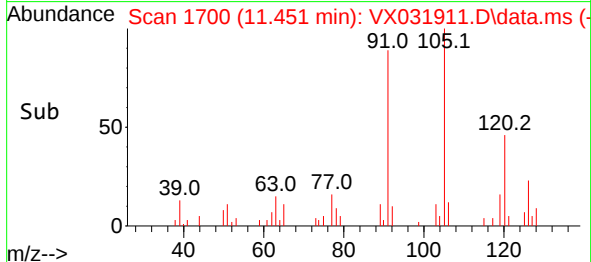
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



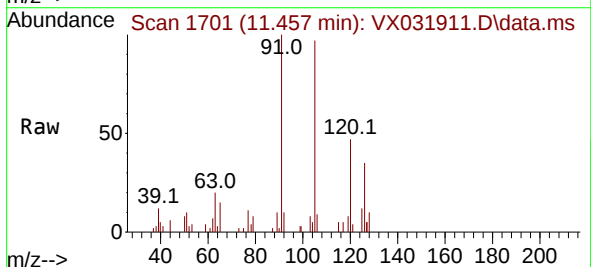
Tgt Ion:105 Resp: 443  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.5 73.5

Manual Integrations  
APPROVED

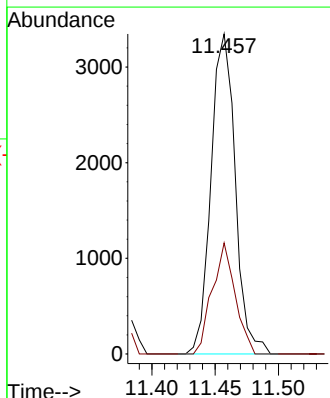
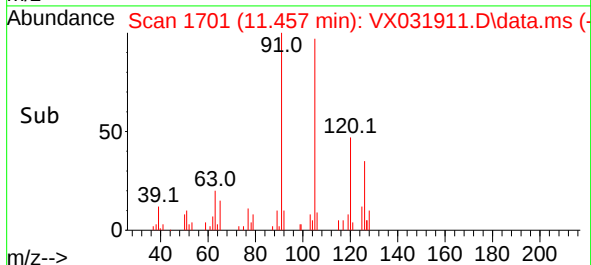
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

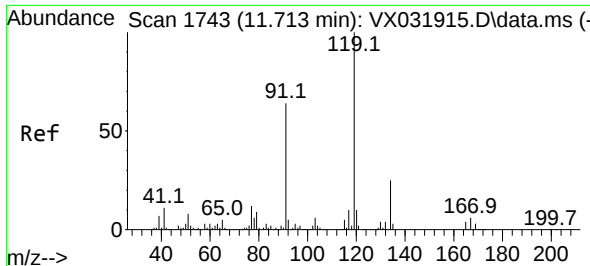


#82  
4-Chlorotoluene  
Concen: 1.179 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



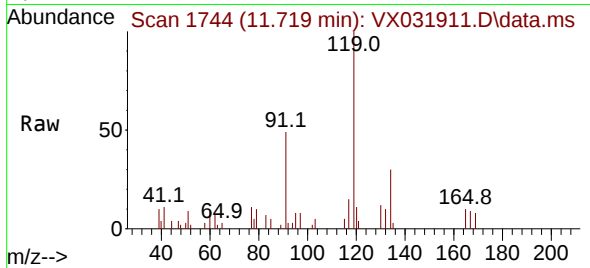
Tgt Ion: 91 Resp: 4457  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.1 45.3





#83  
tert-Butylbenzene  
Concen: 1.090 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.006 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

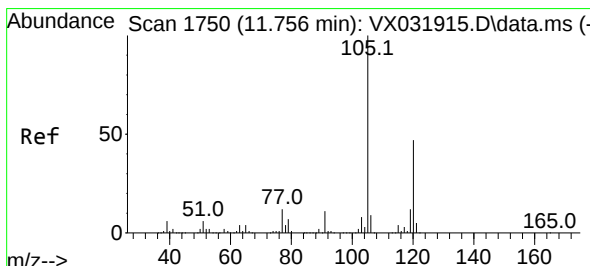
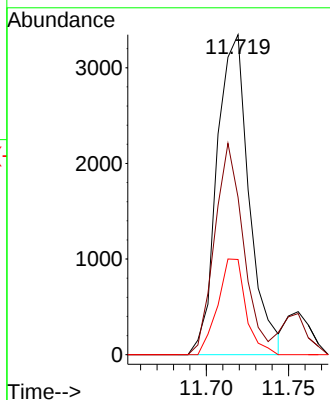
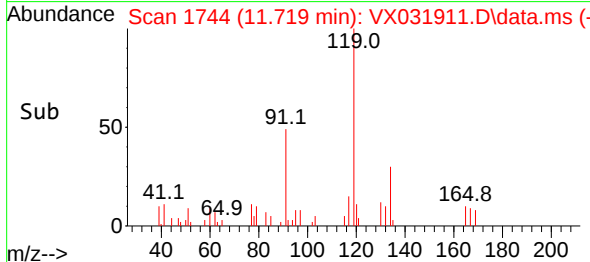
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:119 Resp: 4550  
Ion Ratio Lower Upper  
119 100  
91 59.1 29.2 87.6  
134 26.1 11.6 34.8

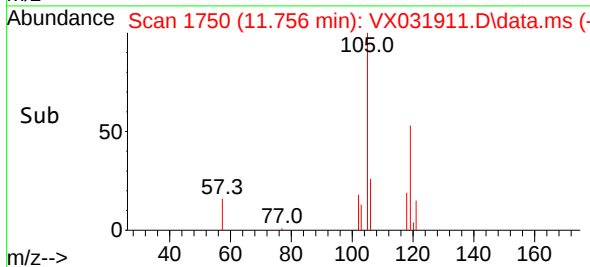
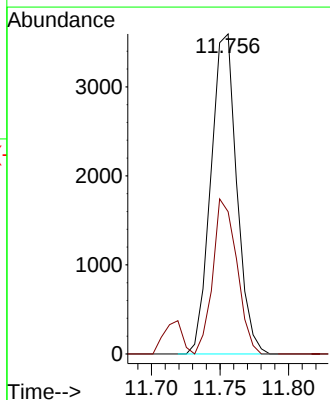
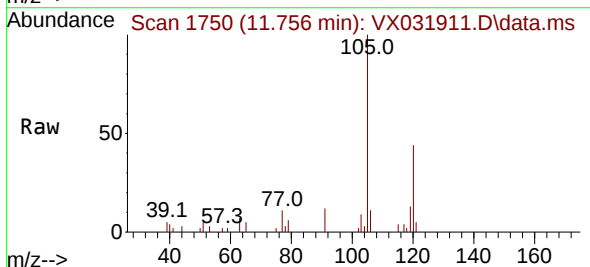
Manual Integrations  
APPROVED

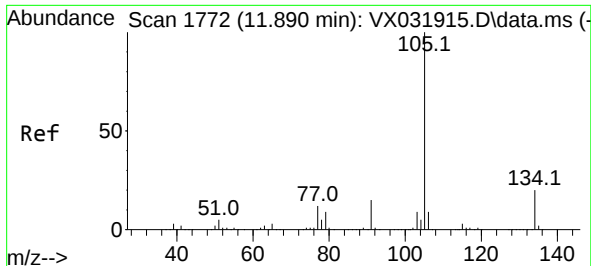
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#84  
1,2,4-Trimethylbenzene  
Concen: 1.134 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion:105 Resp: 4728  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.6 67.8





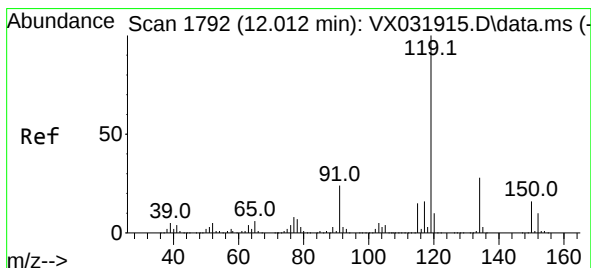
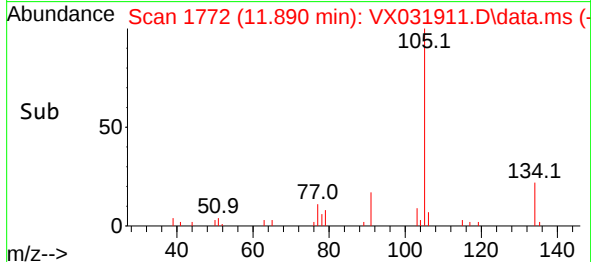
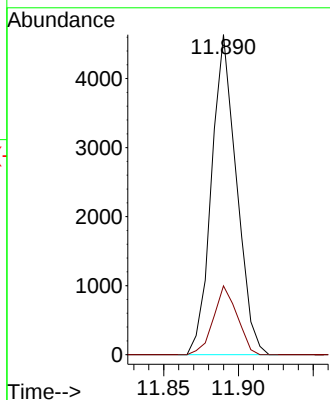
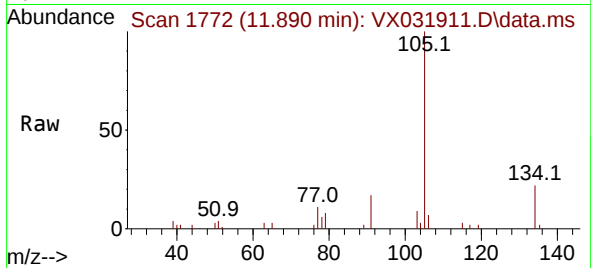
#85  
 sec-Butylbenzene  
 Concen: 1.062 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:105 Resp: 538  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.4 31.1

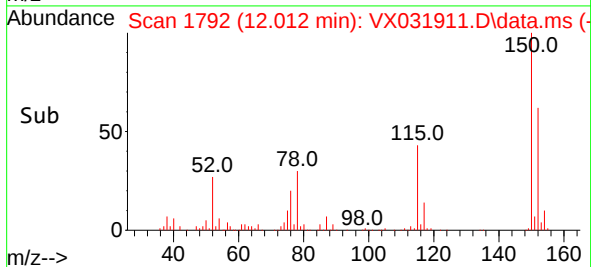
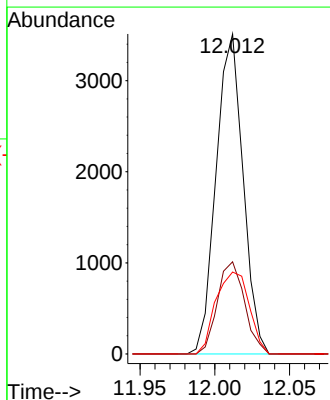
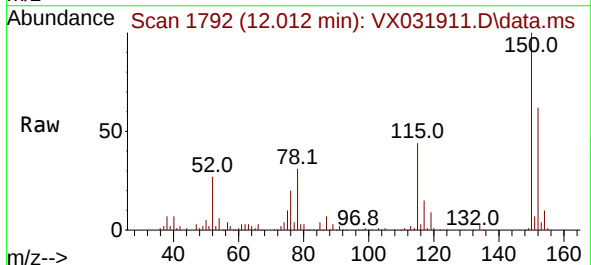
Manual Integrations  
 APPROVED

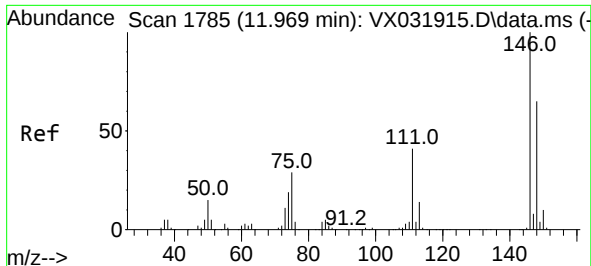
Reviewed By :John Carlone 10/07/2022  
 Supervised By :Mahesh Dadoda 10/07/2022



#86  
 p-Isopropyltoluene  
 Concen: 0.992 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX031911.D  
 Acq: 06 Oct 2022 11:02

Tgt Ion:119 Resp: 4403  
 Ion Ratio Lower Upper  
 119 100  
 134 29.1 13.4 40.2  
 91 31.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.052 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

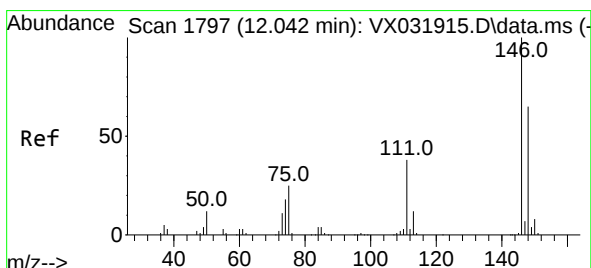
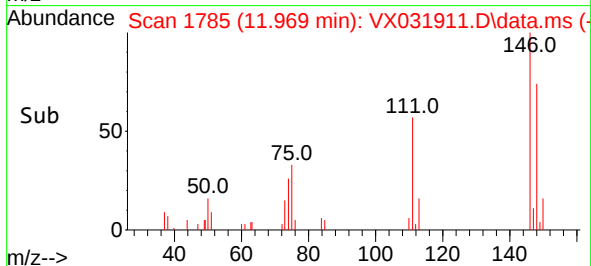
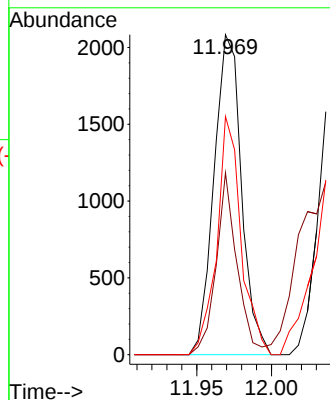
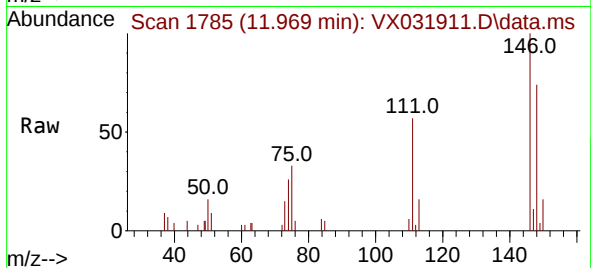
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 266       |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 43.2  | 19.8 59.4 |
| 148         | 65.6  | 31.5 94.5 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#88

1,4-Dichlorobenzene

Concen: 1.130 ug/l m

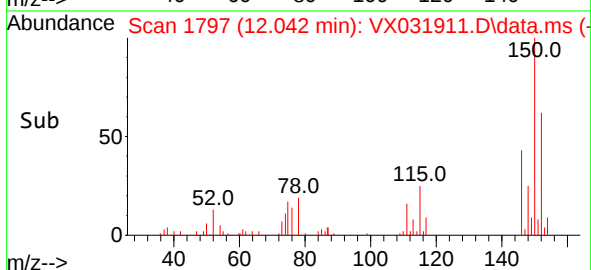
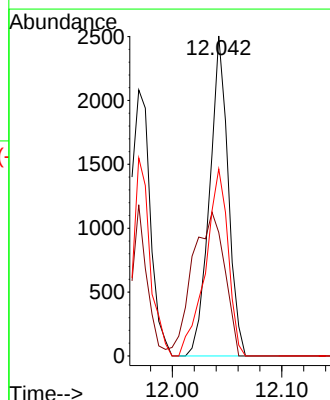
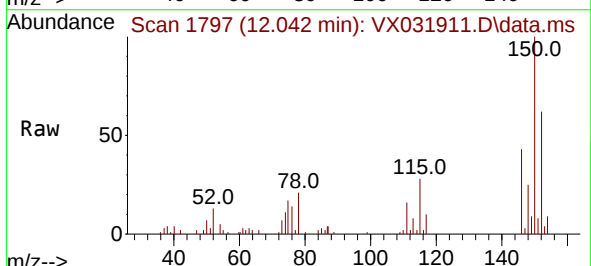
RT: 12.042 min Scan# 1797

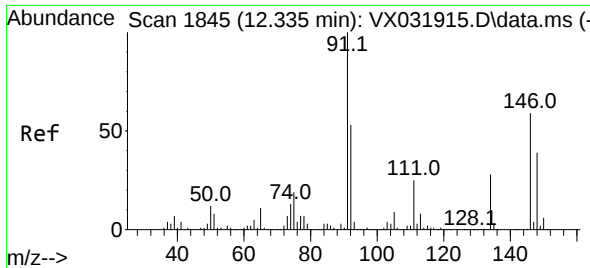
Delta R.T. 0.000 min

Lab File: VX031911.D

Acq: 06 Oct 2022 11:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 2944      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 39.0  | 20.5 61.5 |
| 148         | 59.3  | 32.0 96.2 |





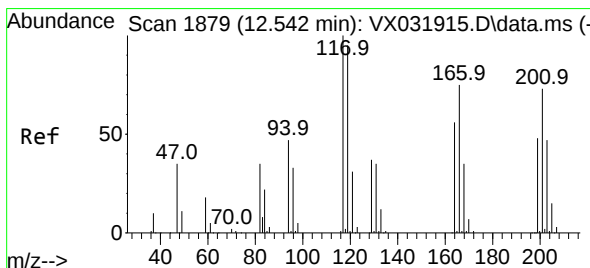
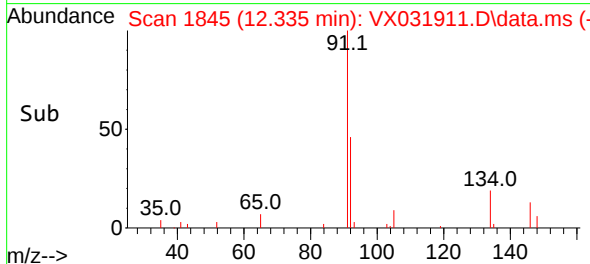
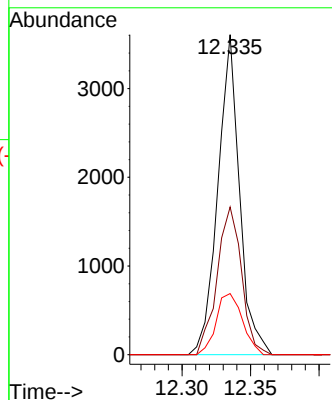
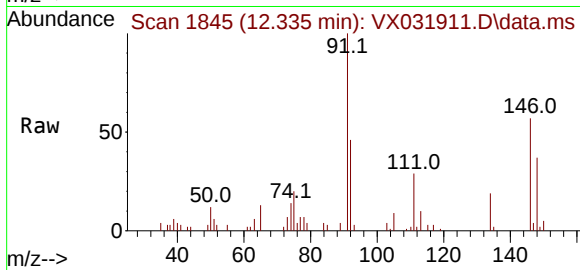
#89  
n-Butylbenzene  
Concen: 1.170 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 396  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.0 81.0  
134 23.2 13.3 39.9

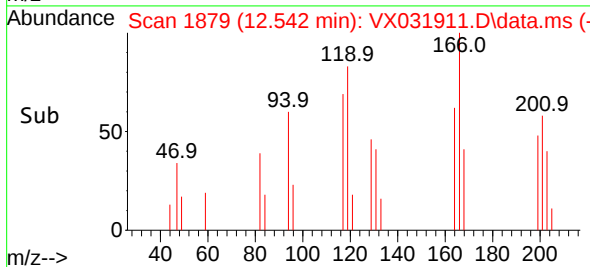
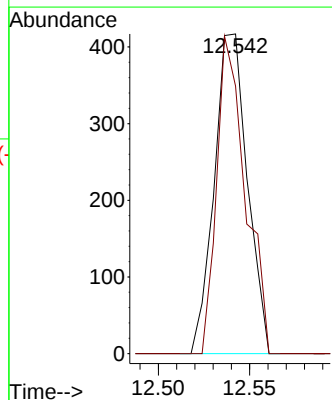
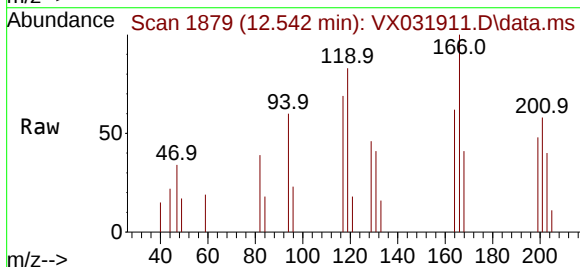
Manual Integrations  
APPROVED

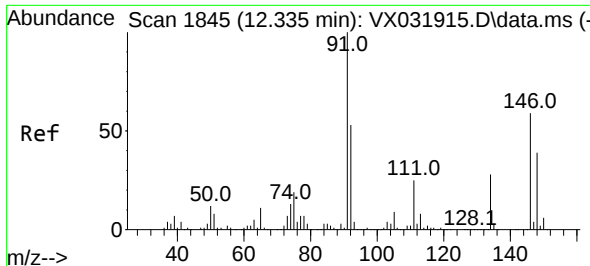
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#90  
Hexachloroethane  
Concen: 0.878 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

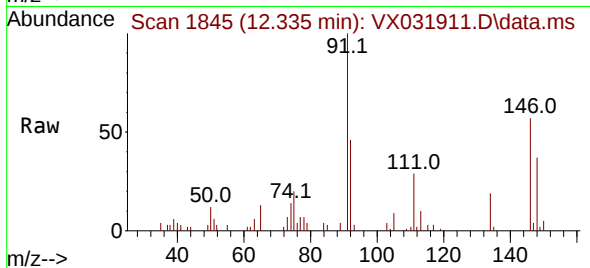
Tgt Ion:117 Resp: 527  
Ion Ratio Lower Upper  
117 100  
201 85.6 34.8 104.4





#91  
1,2-Dichlorobenzene  
Concen: 1.039 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

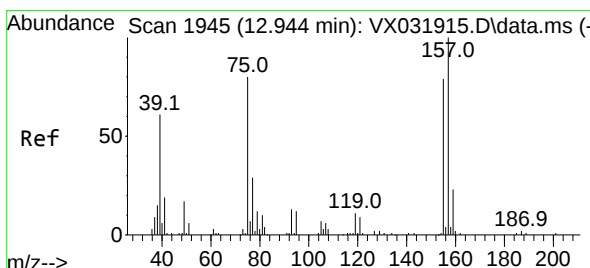
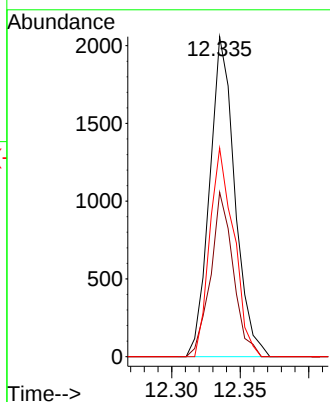
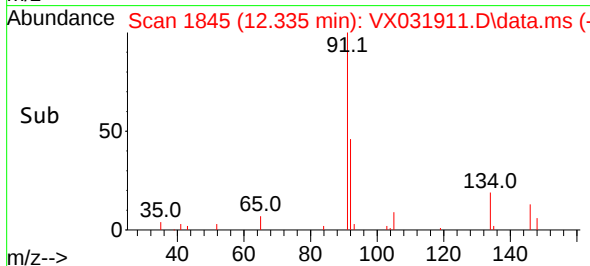
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



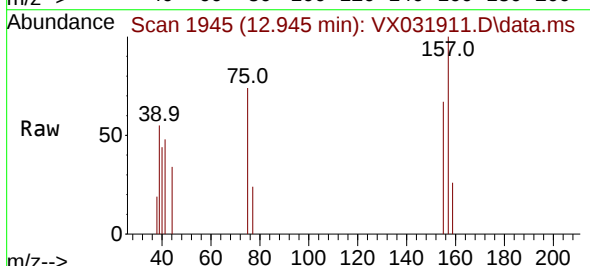
Tgt Ion:146 Resp: 2630  
Ion Ratio Lower Upper  
146 100  
111 46.2 20.6 61.8  
148 62.3 31.6 95.0

Manual Integrations  
APPROVED

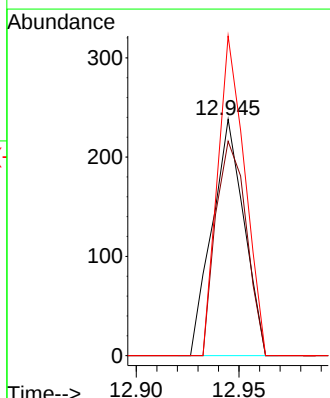
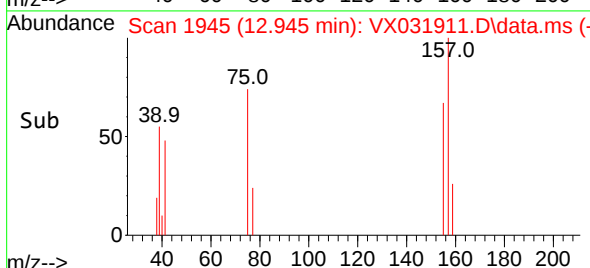
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

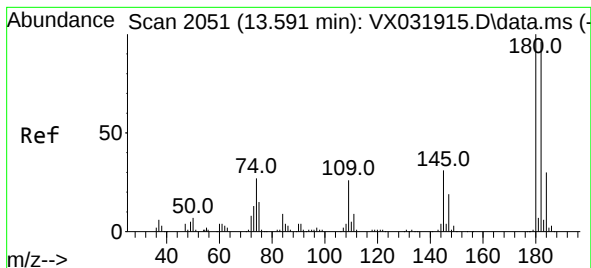


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.005 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



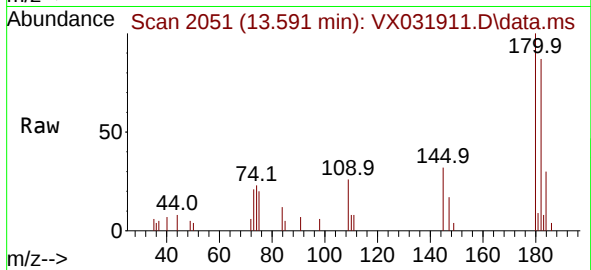
Tgt Ion: 75 Resp: 257  
Ion Ratio Lower Upper  
75 100  
155 86.8 40.3 120.8  
157 115.2 51.5 154.5





#93  
1,2,4-Trichlorobenzene  
Concen: 1.032 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

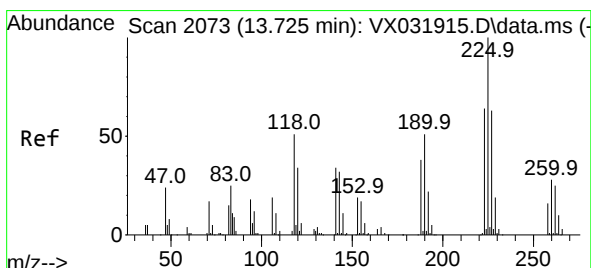
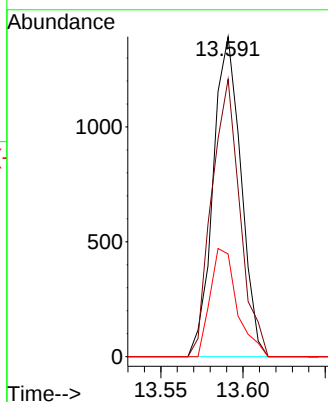
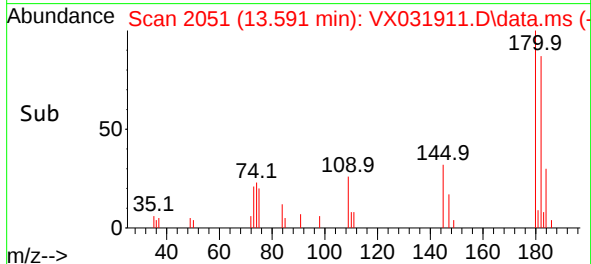
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



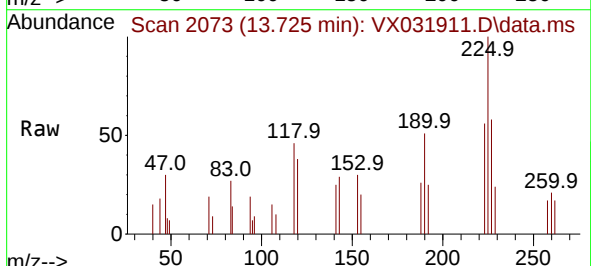
Tgt Ion:180 Resp: 164.2  
Ion Ratio Lower Upper  
180 100  
182 87.7 46.9 140.6  
145 32.6 16.7 50.1

Manual Integrations  
APPROVED

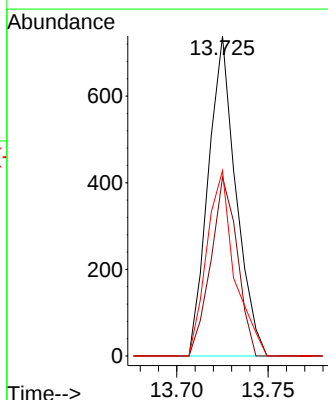
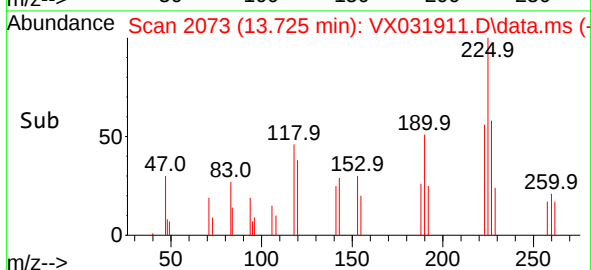
Reviewed By :John Carlone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022

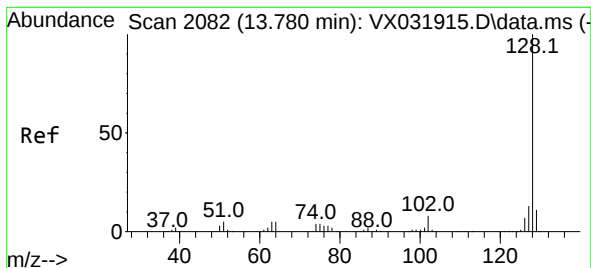


#94  
Hexachlorobutadiene  
Concen: 1.212 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02



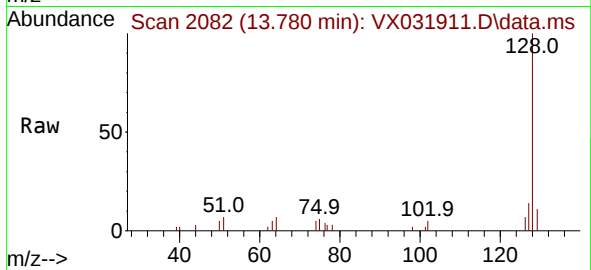
Tgt Ion:225 Resp: 779  
Ion Ratio Lower Upper  
225 100  
223 53.3 30.8 92.4  
227 58.2 32.3 96.9





#95  
Naphthalene  
Concen: 1.008 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

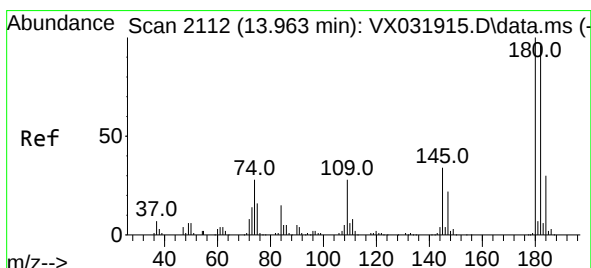
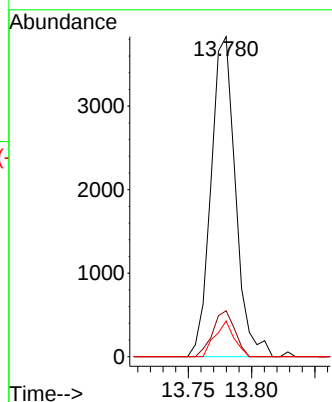
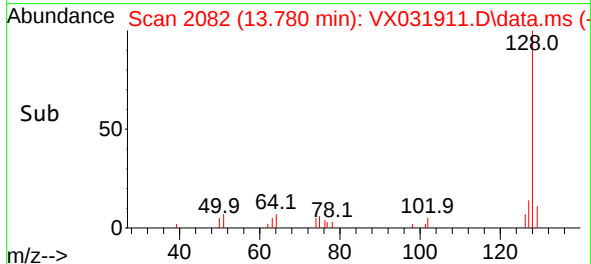
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion:128 Resp: 5150  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 8.7 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carbone 10/07/2022  
Supervised By :Mahesh Dadoda 10/07/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 1.050 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX031911.D  
Acq: 06 Oct 2022 11:02

Tgt Ion:180 Resp: 1682  
Ion Ratio Lower Upper  
180 100  
182 82.8 47.9 143.8  
145 33.3 17.6 52.8

