

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121522\  
 Data File : VX033448.D  
 Acq On : 15 Dec 2022 17:31  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/16/2022  
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 01:05:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 123770   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 197341   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 185746   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 94448    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 39250    | 49.432   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 98.860%  |
| 35) Dibromofluoromethane     | 5.391  | 113   | 46709    | 52.624   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 105.240% |
| 50) Toluene-d8               | 8.647  | 98    | 101567   | 54.700   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 109.400% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 81694    | 57.541   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 115.080% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 43975    | 50.862   | ug/l   | 98       |
| 3) Chloromethane             | 1.294  | 50    | 45610    | 45.625   | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 54015    | 47.322   | ug/l   | 99       |
| 5) Bromomethane              | 1.611  | 94    | 41965    | 50.099   | ug/l   | 99       |
| 6) Chloroethane              | 1.685  | 64    | 28461    | 32.873   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 79899    | 37.285   | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136  | 74    | 28851    | 37.275   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 63974    | 56.278   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453  | 142   | 70042    | 56.259   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 54469m   | 224.374  | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 58411    | 52.056   | ug/l   | 95       |
| 13) Acrolein                 | 2.239  | 56    | 49271    | 187.139  | ug/l   | 99       |
| 14) Allyl chloride           | 2.666  | 41    | 91940    | 51.309   | ug/l   | 96       |
| 15) Acrylonitrile            | 3.062  | 53    | 152251   | 253.183  | ug/l   | 99       |
| 16) Acetone                  | 2.380  | 43    | 142755   | 242.963  | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.514  | 76    | 131297   | 45.591   | ug/l   | 100      |
| 18) Methyl Acetate           | 2.703  | 43    | 90299    | 53.089   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 209770   | 53.971   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 64186    | 48.983   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 64425    | 52.487   | ug/l   | 99       |
| 22) Diisopropyl ether        | 3.757  | 45    | 212301   | 55.299   | ug/l   | 90       |
| 23) Vinyl Acetate            | 3.721  | 43    | 812633   | 272.709  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 116503   | 51.647   | ug/l   | 99       |
| 25) 2-Butanone               | 4.556  | 43    | 213668   | 253.343  | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 93648    | 56.453   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 78398    | 53.444   | ug/l   | 97       |
| 28) Bromochloromethane       | 4.897  | 49    | 51936    | 55.001   | ug/l   | 94       |
| 29) Tetrahydrofuran          | 5.001  | 42    | 138447   | 253.363  | ug/l   | 96       |
| 30) Chloroform               | 5.092  | 83    | 134873   | 53.857   | ug/l   | 98       |
| 31) Cyclohexane              | 5.470  | 56    | 100692   | 53.360   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 120415   | 55.886   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 94850    | 54.810   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.714  | 43    | 84595    | 51.714   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 105704   | 54.518   | ug/l   | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 109654   | 56.611   | ug/l   | 97       |
| 40) Benzene                  | 6.037  | 78    | 275855   | 54.672   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121522\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/16/2022  
 Supervised By : Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 01:05:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 48354    | 53.642  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 106202   | 53.005  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 141609   | 53.802  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 77939    | 56.025  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 69628    | 53.959  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 52731    | 53.643  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 106055   | 55.348  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.690  | 41   | 73900    | 54.402  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.683  | 88   | 26072    | 841.676 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 455573   | 273.702 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 188095   | 57.657  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 108424   | 52.538  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 117050   | 57.405  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 77425    | 56.460  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 113053   | 58.553  | ug/l # | 90       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 124174   | 56.367  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 258559   | 292.670 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.433  | 43   | 333179   | 271.625 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.518  | 129  | 85205    | 56.394  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 82541    | 56.587  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 68106    | 53.622  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 206279   | 54.841  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 78928    | 55.527  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 369965   | 56.458  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.305 | 106  | 291837   | 114.467 | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 141566   | 56.176  | ug/l   | 96       |
| 70) Styrene                   | 10.652 | 104  | 236901   | 57.399  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 60944    | 54.166  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 373091   | 54.500  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 127865   | 54.746  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 112834   | 51.955  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 101810m  | 52.983  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 92064    | 53.257  | ug/l   | 97       |
| 78) n-propylbenzene           | 11.305 | 91   | 426583   | 55.808  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 253136   | 53.586  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 315778   | 55.415  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 31507    | 51.005  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 296262   | 53.934  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 315064   | 55.446  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 314655   | 55.318  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 375489   | 56.636  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 320461   | 56.065  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 170635   | 54.491  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 171745   | 53.695  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 266897   | 57.010  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 51499    | 53.005  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 166968   | 53.333  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 22490    | 47.943  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 103411   | 54.693  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 43009    | 56.805  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 347750   | 55.138  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 104599   | 54.622  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121522\  
Data File : VX033448.D  
Acq On : 15 Dec 2022 17:31  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

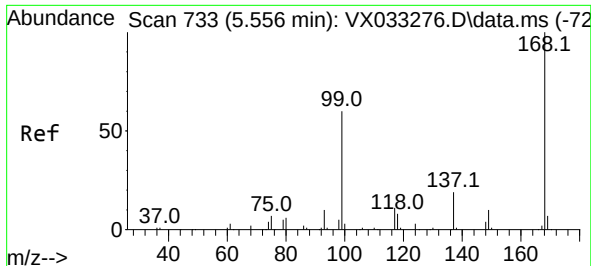
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

Quant Time: Dec 16 01:05:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 07 12:43:54 2022  
Response via : Initial Calibration

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

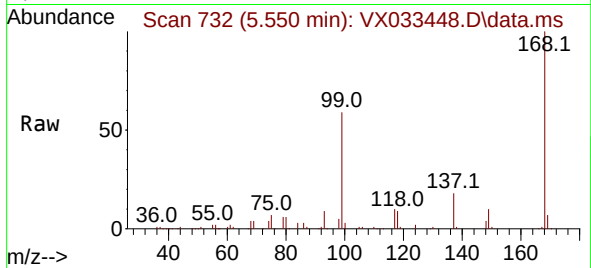
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

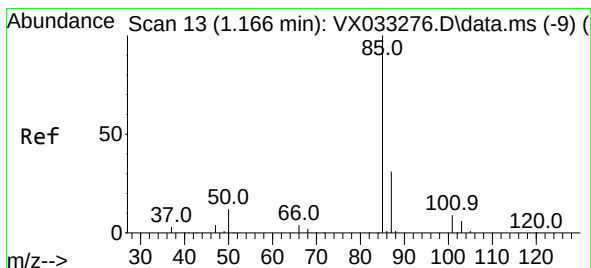
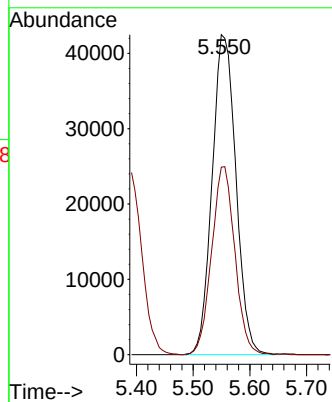
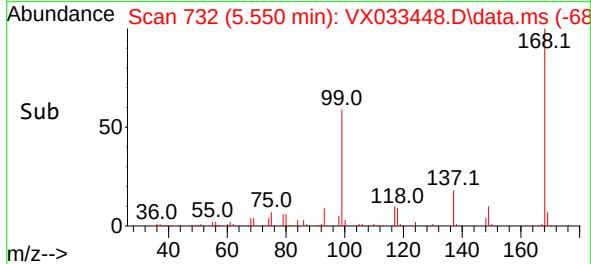
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 123770  
Ion Ratio Lower Upper  
168 100  
99 58.6 46.1 69.1

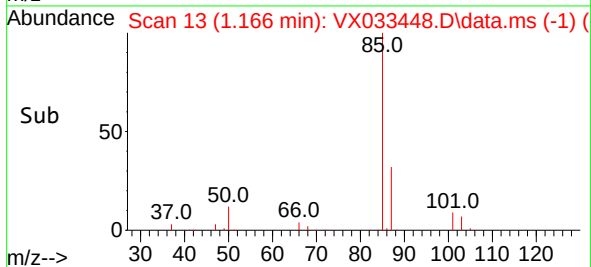
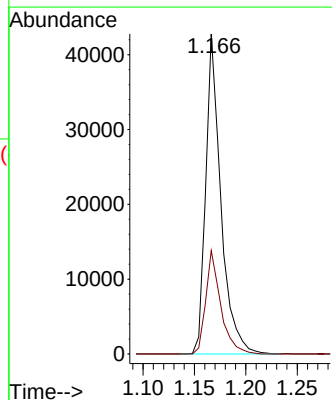
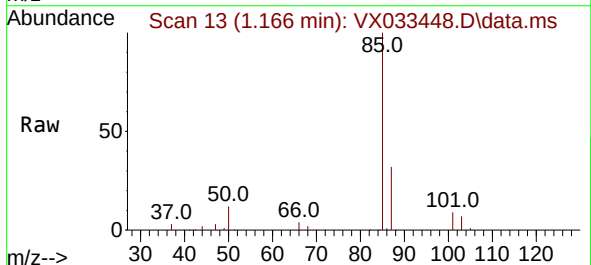
Manual Integrations  
APPROVED

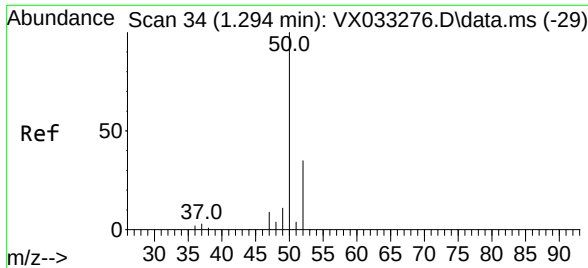
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#2  
Dichlorodifluoromethane  
Concen: 50.862 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

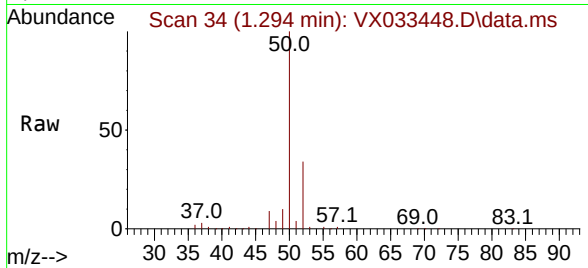
Tgt Ion: 85 Resp: 43975  
Ion Ratio Lower Upper  
85 100  
87 32.3 15.6 46.7





#3  
Chloromethane  
Concen: 45.625 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

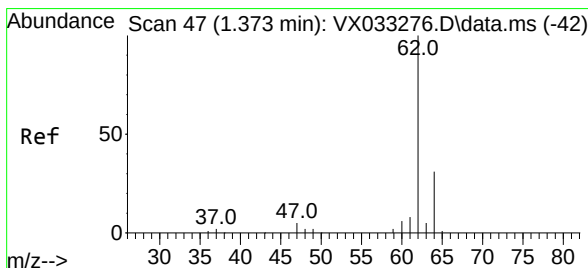
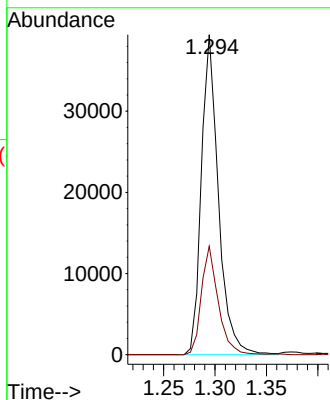
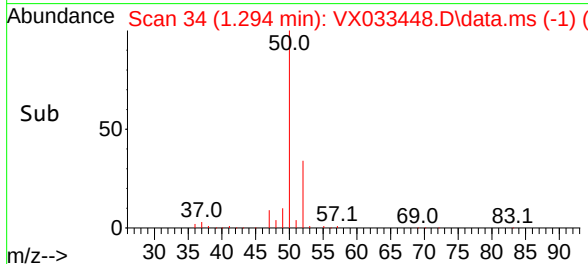
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



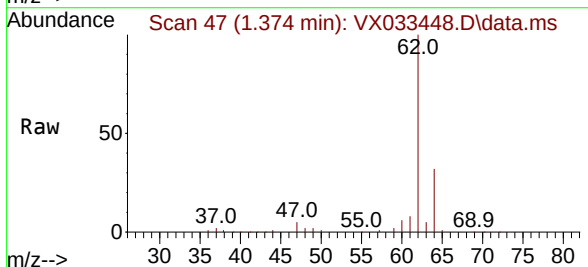
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Ion Ratio Lower Upper  
50 100  
52 33.9 25.4 38.2

Manual Integrations  
APPROVED

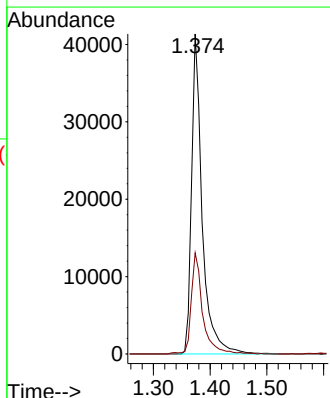
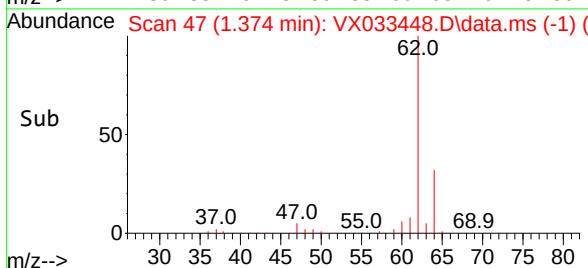
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

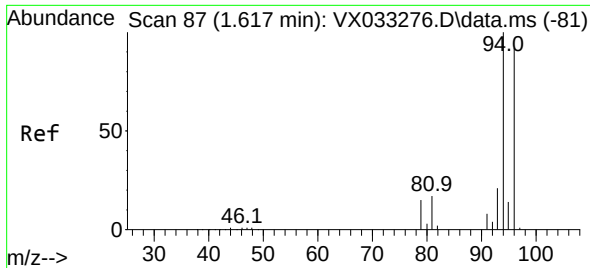


#4  
Vinyl Chloride  
Concen: 47.322 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 62 Resp: 54015  
Ion Ratio Lower Upper  
62 100  
64 31.6 25.8 38.6





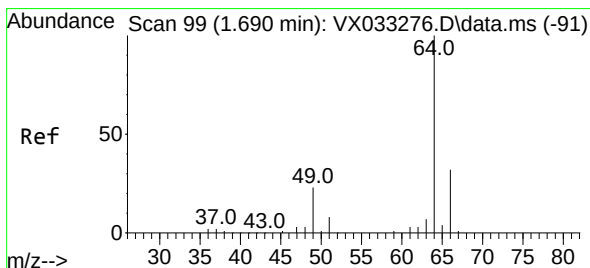
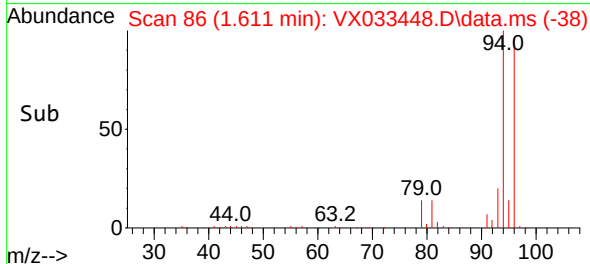
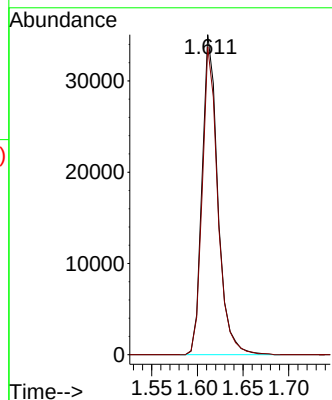
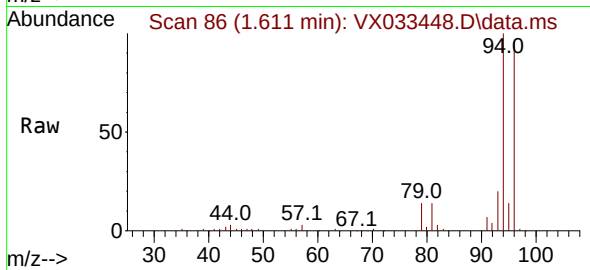
#5  
Bromomethane  
Concen: 50.099 ug/l  
RT: 1.611 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 4196  
Ion Ratio Lower Upper  
94 100  
96 96.2 77.6 116.4

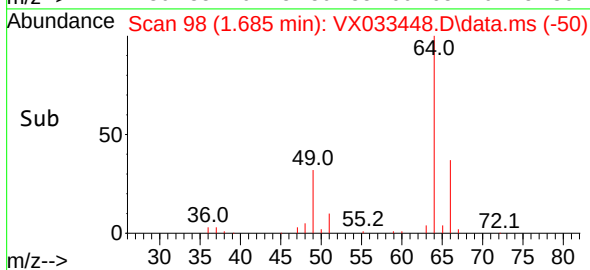
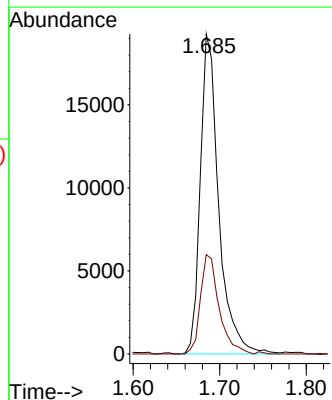
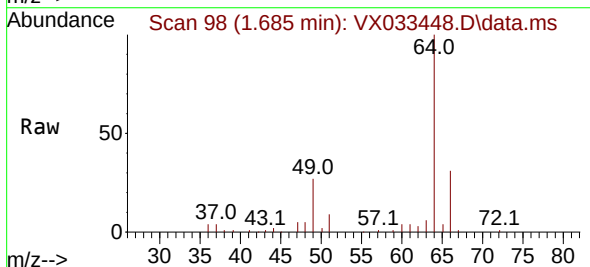
Manual Integrations  
APPROVED

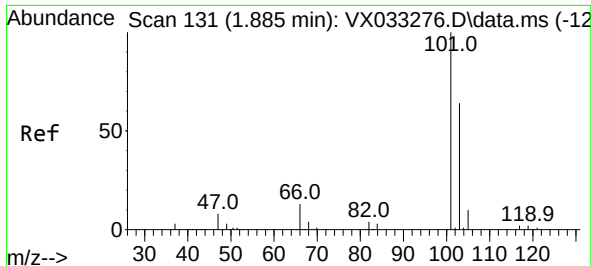
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#6  
Chloroethane  
Concen: 32.873 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

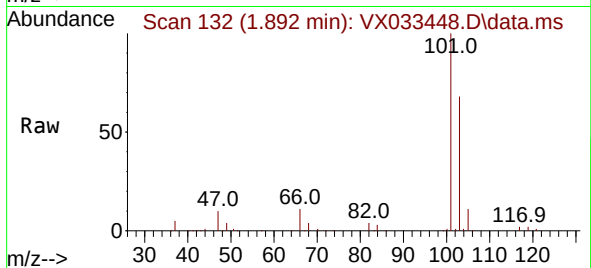
Tgt Ion: 64 Resp: 28461  
Ion Ratio Lower Upper  
64 100  
66 31.1 26.0 39.0





#7  
Trichlorofluoromethane  
Concen: 37.285 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

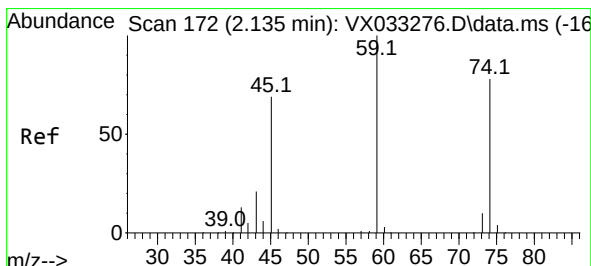
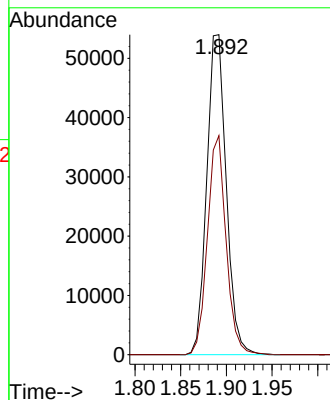
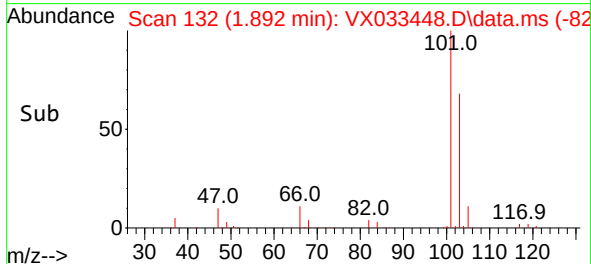
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 7989  
Ion Ratio Lower Upper  
101 100  
103 68.5 51.4 77.2

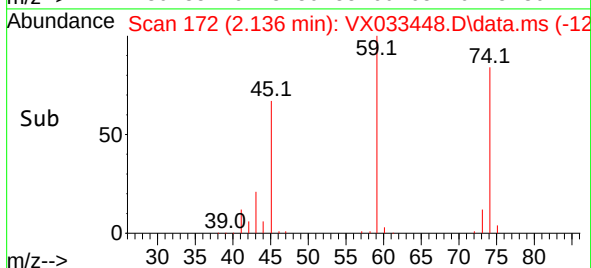
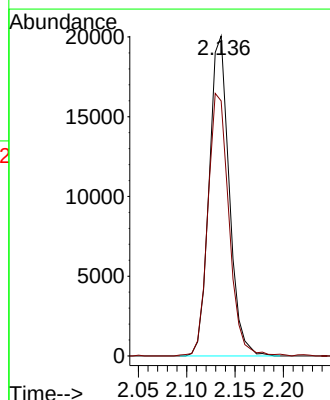
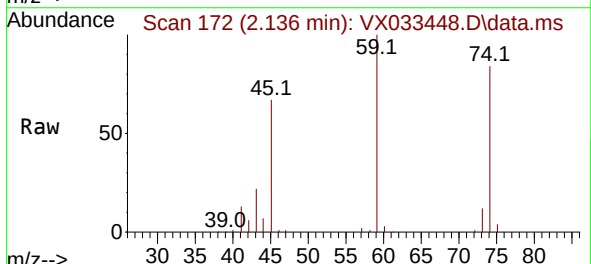
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

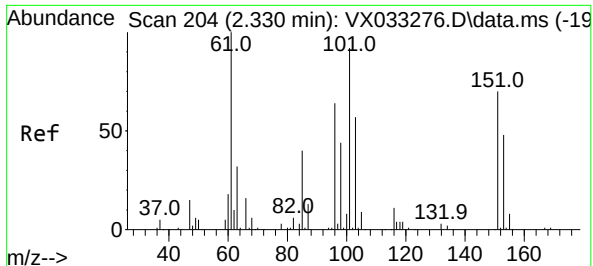


#8  
Diethyl Ether  
Concen: 37.275 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 74 Resp: 28851  
Ion Ratio Lower Upper  
74 100  
45 86.5 46.6 139.7







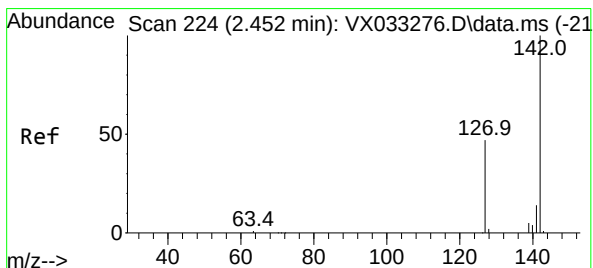
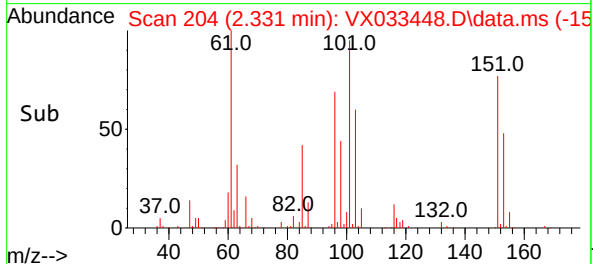
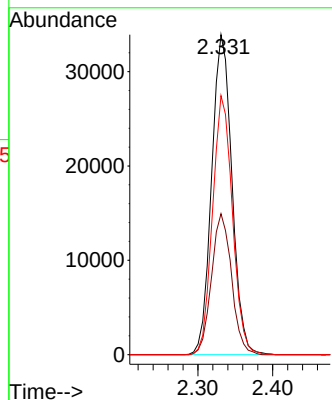
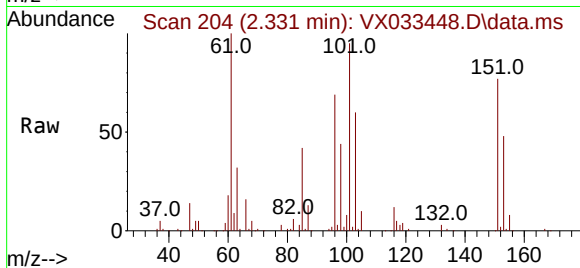
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 56.278 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 63974  
Ion Ratio Lower Upper  
101 100  
85 43.5 37.0 55.4  
151 79.4 64.4 96.6

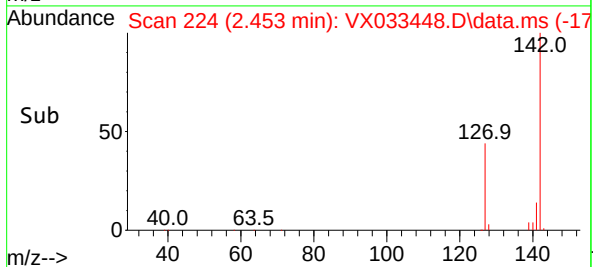
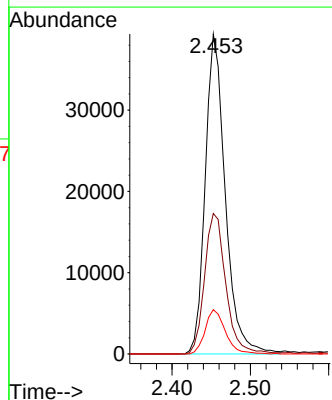
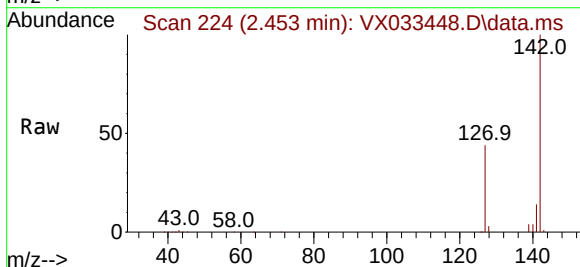
Manual Integrations  
APPROVED

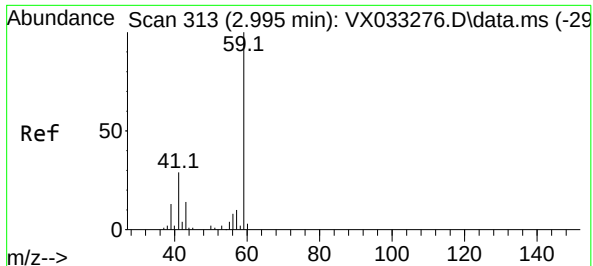
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#10  
Methyl Iodide  
Concen: 56.259 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion:142 Resp: 70042  
Ion Ratio Lower Upper  
142 100  
127 46.7 38.6 57.8  
141 13.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 224.374 ug/l m

RT: 2.977 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5446

Ion Ratio Lower Upper

59 100

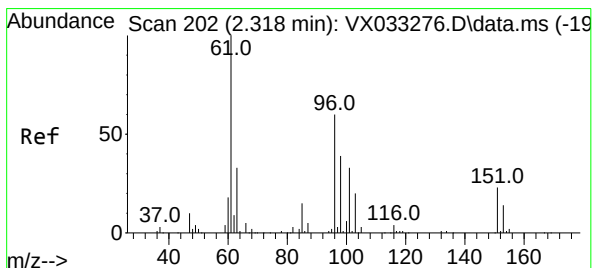
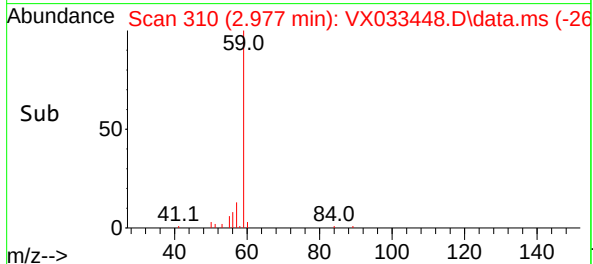
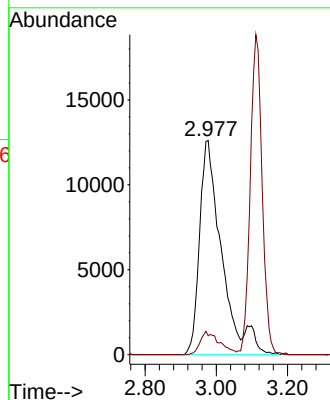
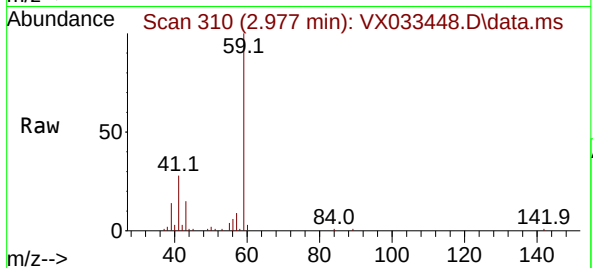
57 9.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#12

1,1-Dichloroethene

Concen: 52.056 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

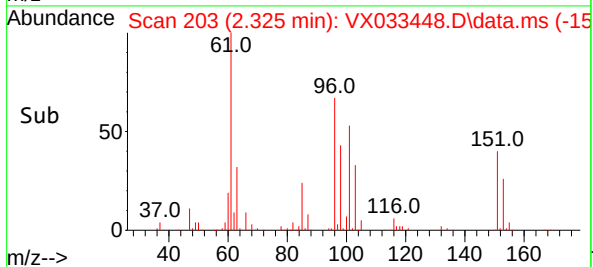
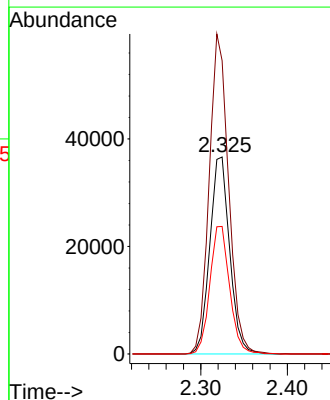
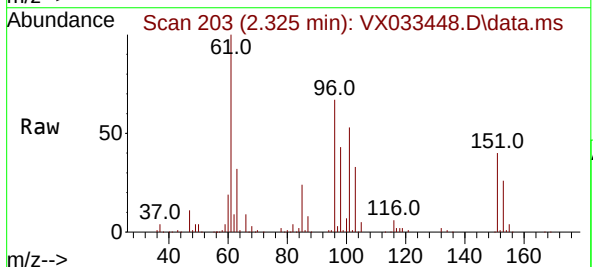
Tgt Ion: 96 Resp: 58411

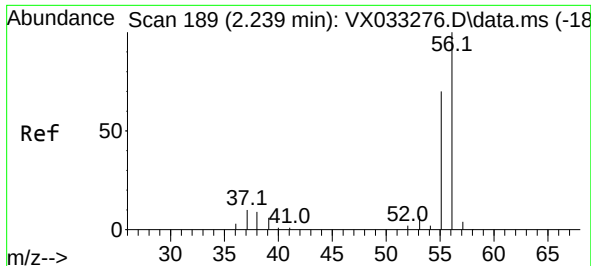
Ion Ratio Lower Upper

96 100

61 148.8 125.1 187.7

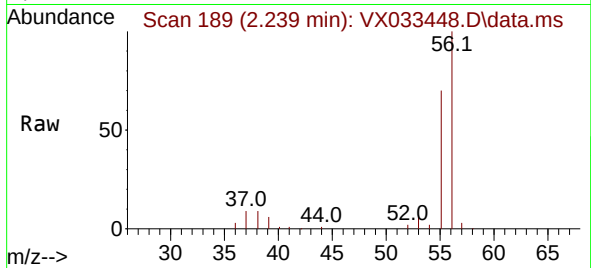
98 64.7 50.6 76.0





#13  
Acrolein  
Concen: 187.139 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

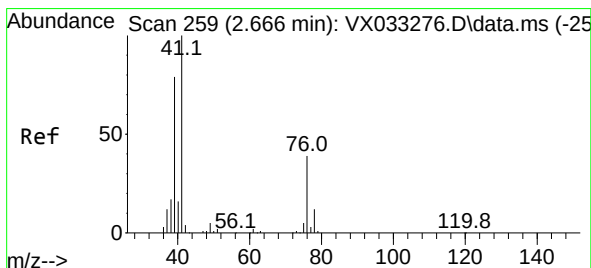
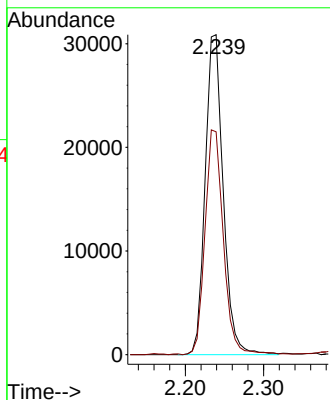
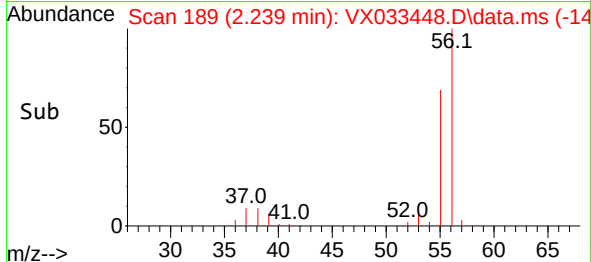
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 4927  
Ion Ratio Lower Upper  
56 100  
55 71.8 56.9 85.3

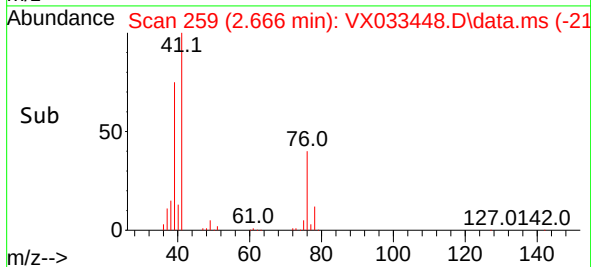
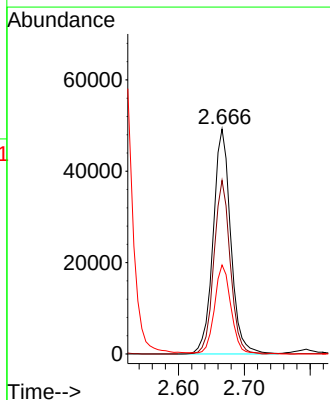
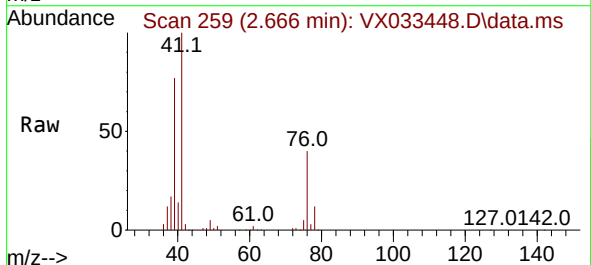
Manual Integrations  
APPROVED

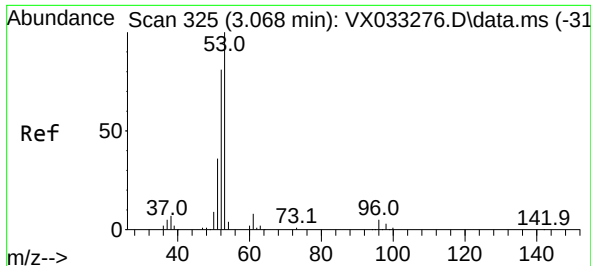
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#14  
Allyl chloride  
Concen: 51.309 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

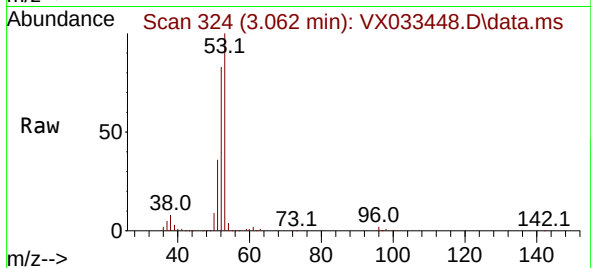
Tgt Ion: 41 Resp: 91940  
Ion Ratio Lower Upper  
41 100  
39 72.0 61.4 92.2  
76 36.7 29.2 43.8





#15  
Acrylonitrile  
Concen: 253.183 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

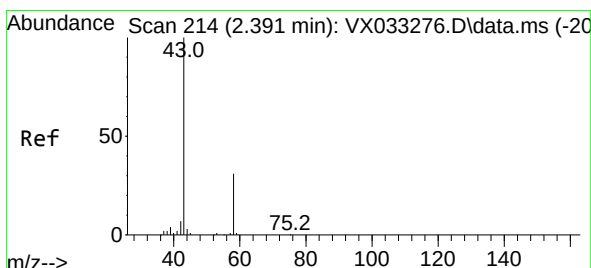
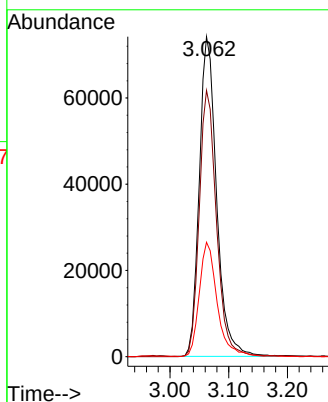
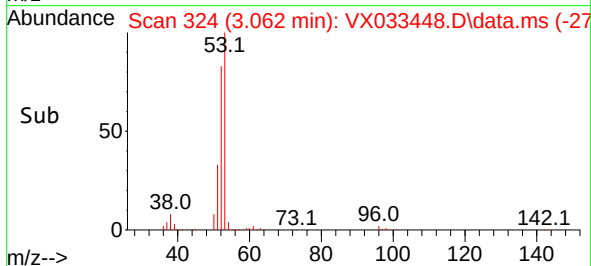
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 15225  
Ion Ratio Lower Upper  
53 100  
52 83.1 67.4 101.0  
51 36.7 30.3 45.5

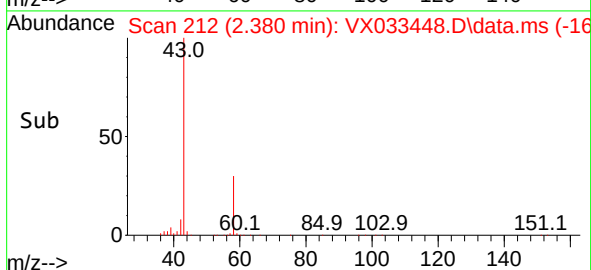
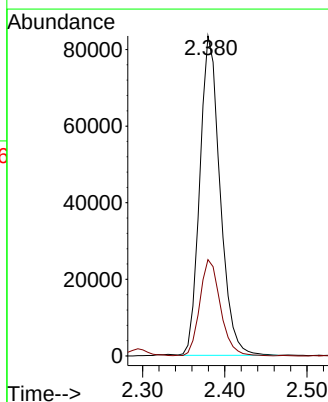
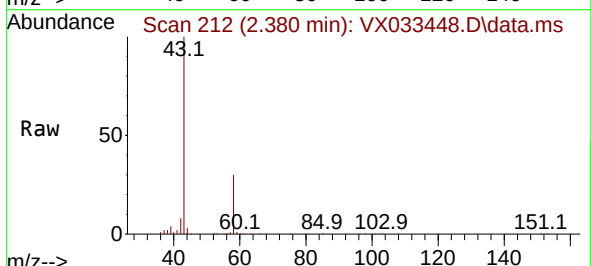
Manual Integrations  
APPROVED

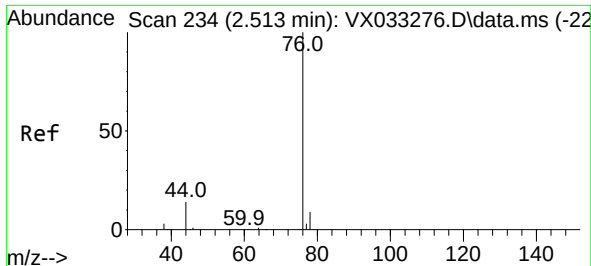
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#16  
Acetone  
Concen: 242.963 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 43 Resp: 142755  
Ion Ratio Lower Upper  
43 100  
58 30.0 23.8 35.8





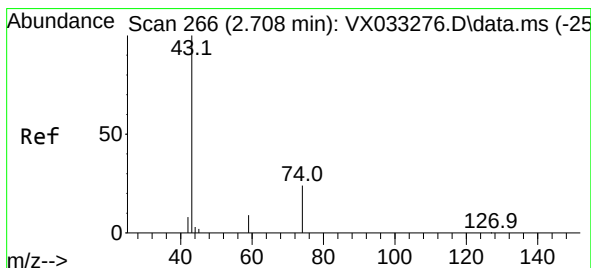
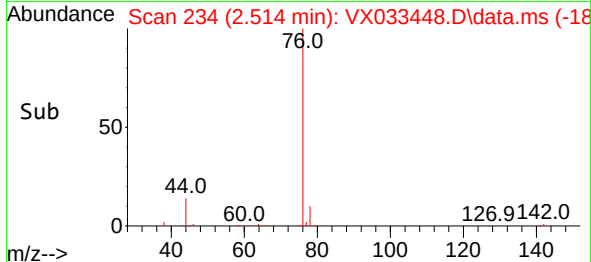
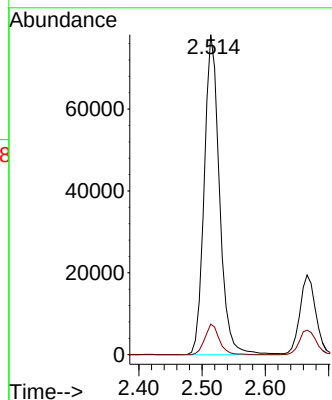
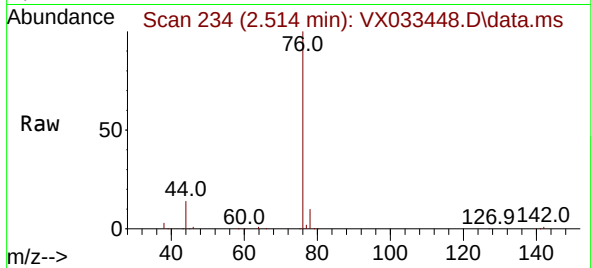
#17  
Carbon Disulfide  
Concen: 45.591 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 13129  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.5 11.3

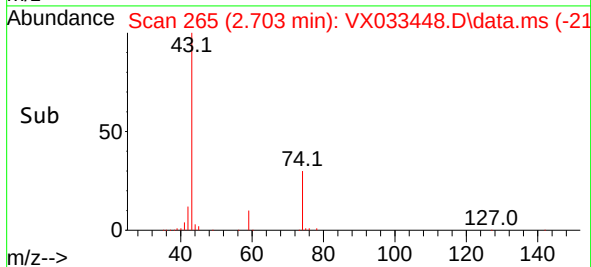
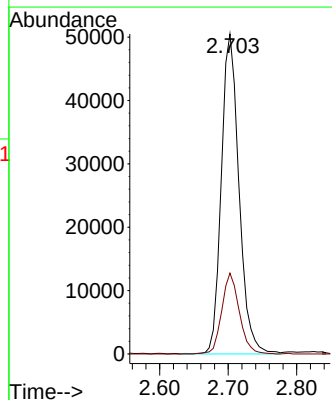
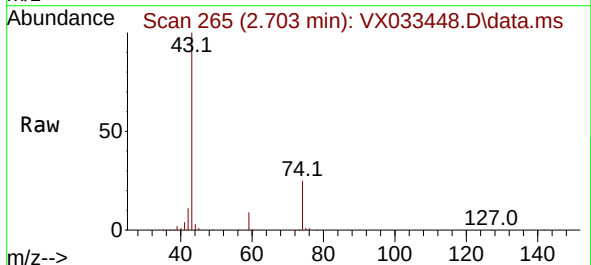
Manual Integrations  
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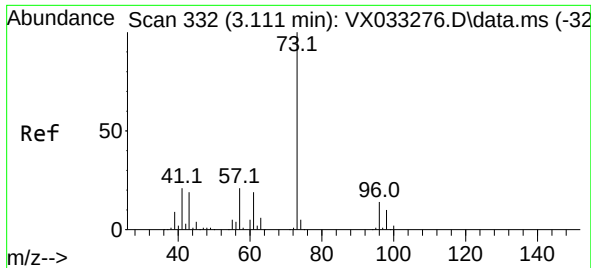
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#18  
Methyl Acetate  
Concen: 53.089 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 43 Resp: 90299  
Ion Ratio Lower Upper  
43 100  
74 25.0 19.4 29.0





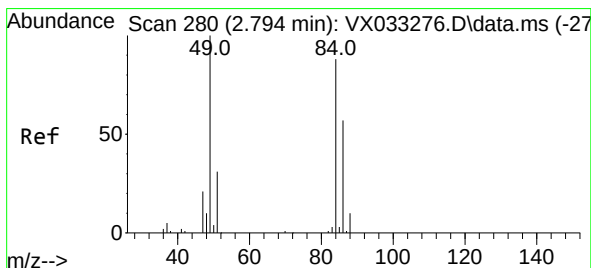
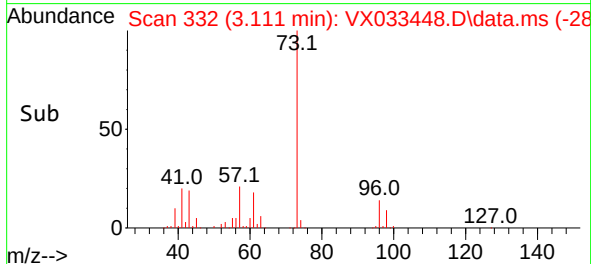
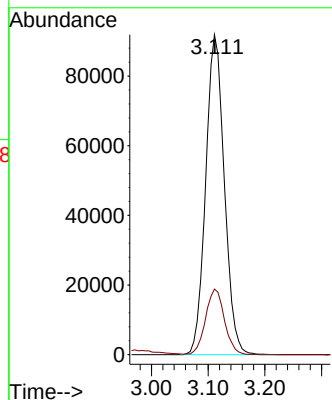
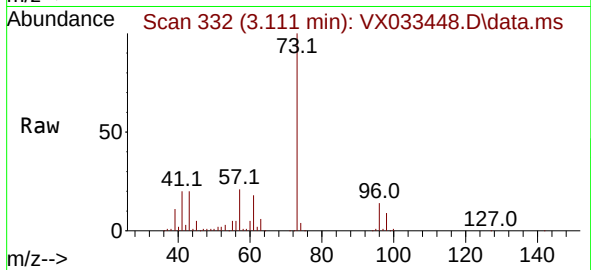
#19  
Methyl tert-butyl Ether  
Concen: 53.971 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 209770  
Ion Ratio Lower Upper  
73 100  
57 20.5 16.6 25.0

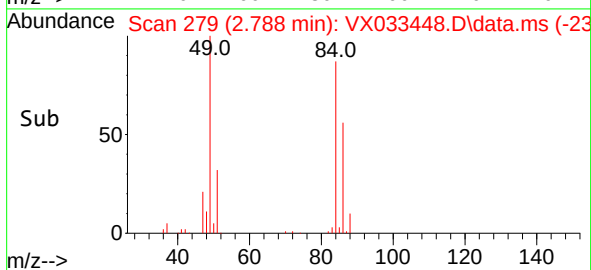
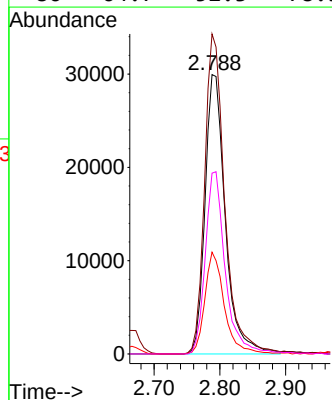
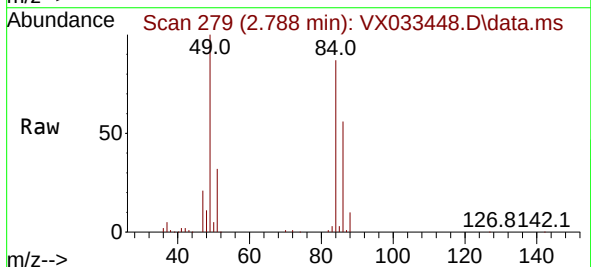
Manual Integrations  
APPROVED

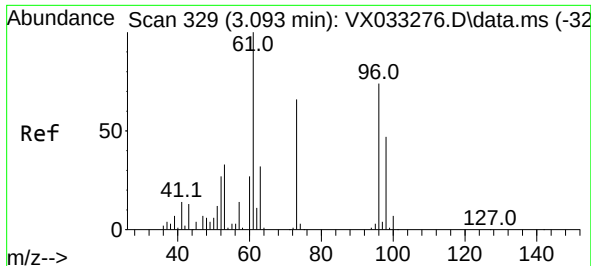
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#20  
Methylene Chloride  
Concen: 48.983 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

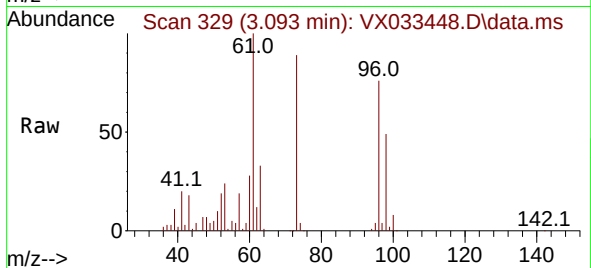
Tgt Ion: 84 Resp: 64186  
Ion Ratio Lower Upper  
84 100  
49 114.5 101.0 151.6  
51 36.4 31.1 46.7  
86 64.7 52.3 78.5





#21  
trans-1,2-Dichloroethene  
Concen: 52.487 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

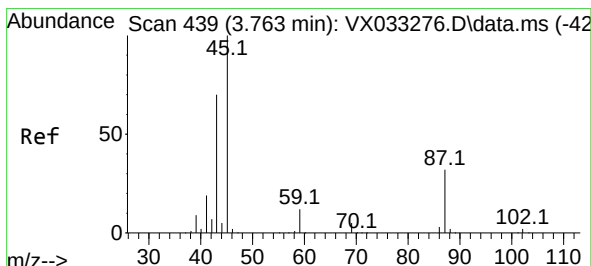
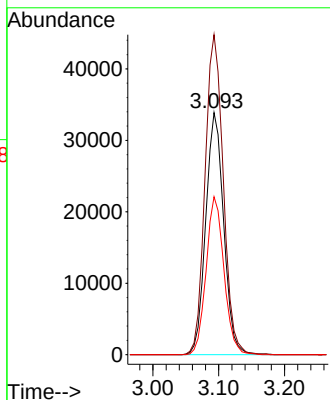
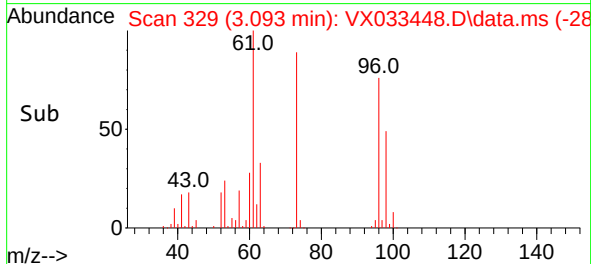
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



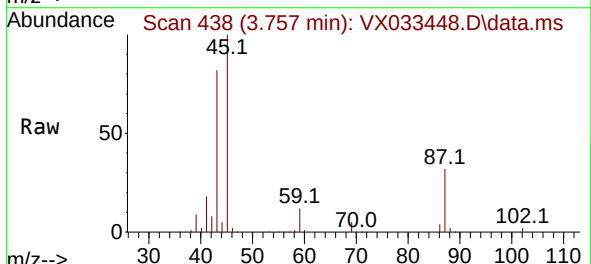
Tgt Ion: 96 Resp: 64425  
Ion Ratio Lower Upper  
96 100  
61 132.2 106.6 160.0  
98 65.3 51.0 76.6

Manual Integrations  
APPROVED

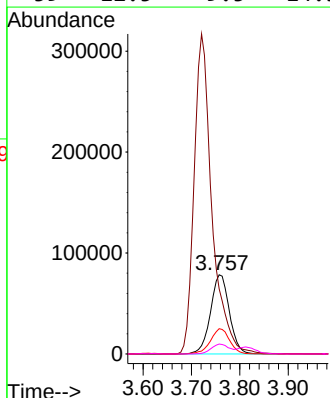
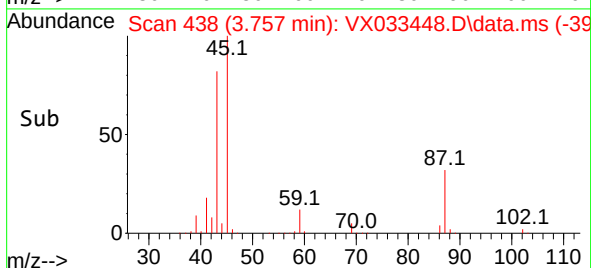
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

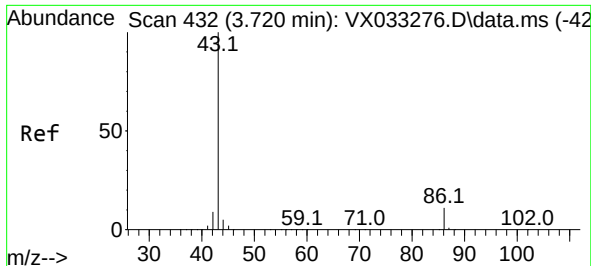


#22  
Diisopropyl ether  
Concen: 55.299 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 45 Resp: 212301  
Ion Ratio Lower Upper  
45 100  
43 81.9 56.4 84.6  
87 32.0 24.4 36.6  
59 12.5 9.5 14.3





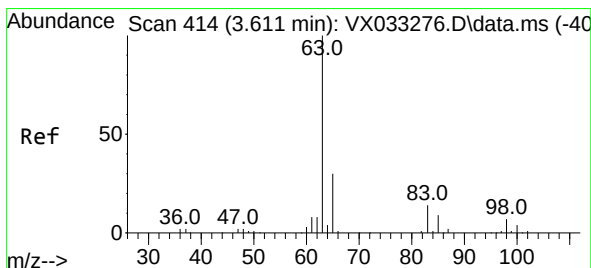
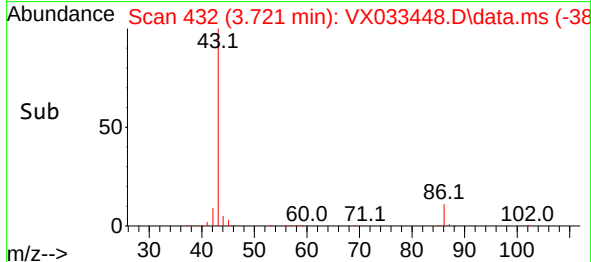
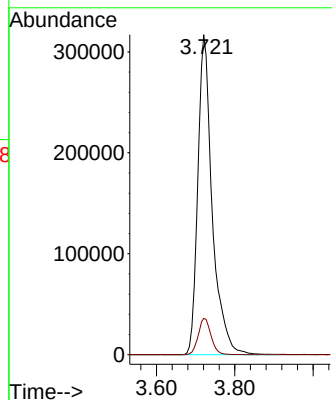
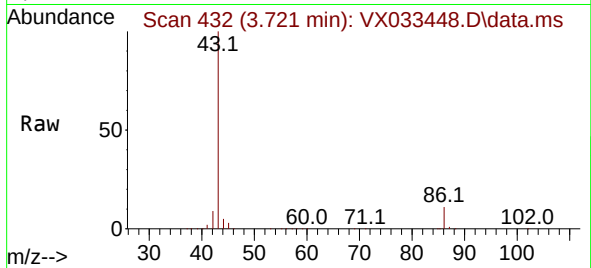
#23  
 Vinyl Acetate  
 Concen: 272.709 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 81263  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 8.6 12.8

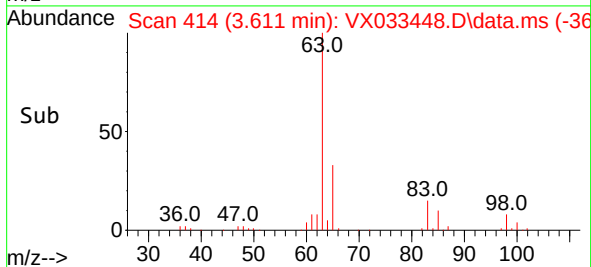
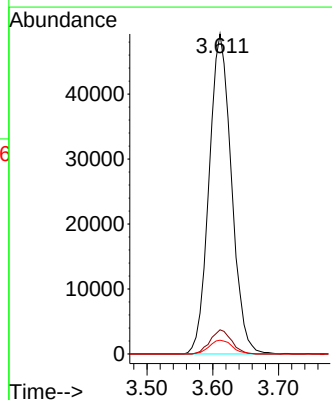
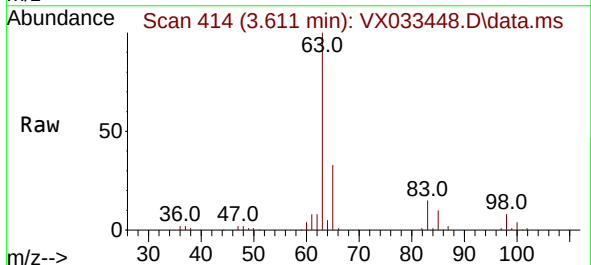
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/16/2022  
 Supervised By :Mahesh Dadoda 12/16/2022

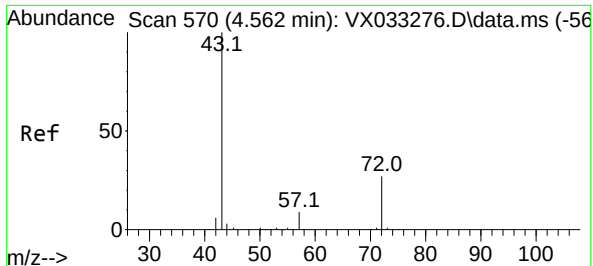


#24  
 1,1-Dichloroethane  
 Concen: 51.647 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31

Tgt Ion: 63 Resp: 116503  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.4  
 100 4.3 2.3 6.8







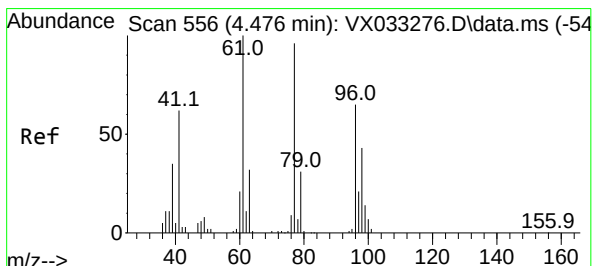
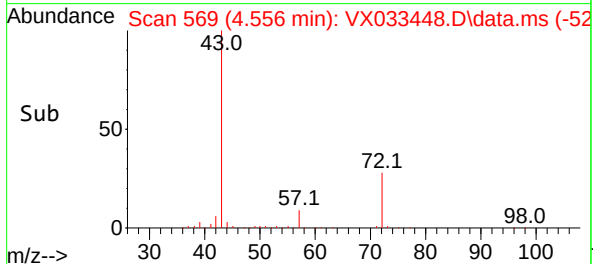
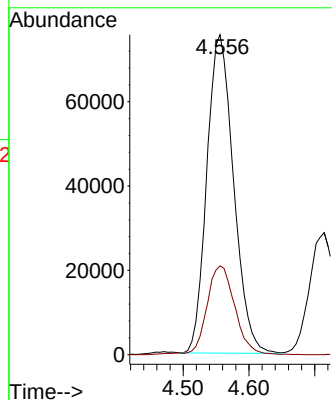
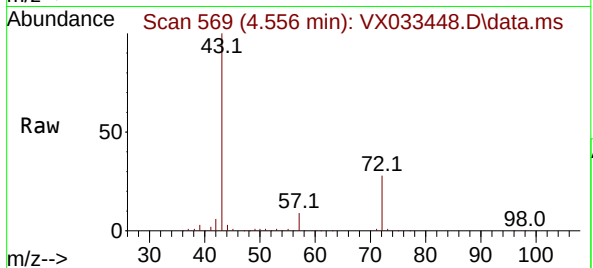
#25  
2-Butanone  
Concen: 253.343 ug/l  
RT: 4.556 min Scan# 50  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 21366  
Ion Ratio Lower Upper  
43 100  
72 27.8 22.2 33.2

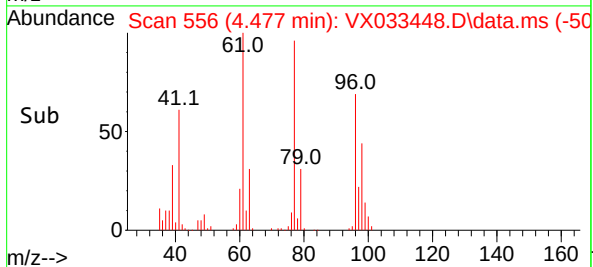
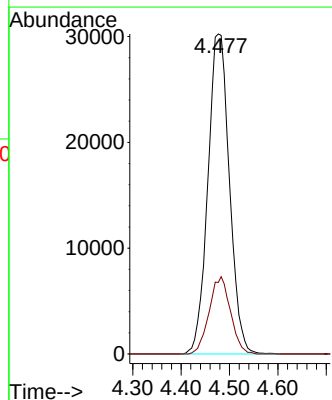
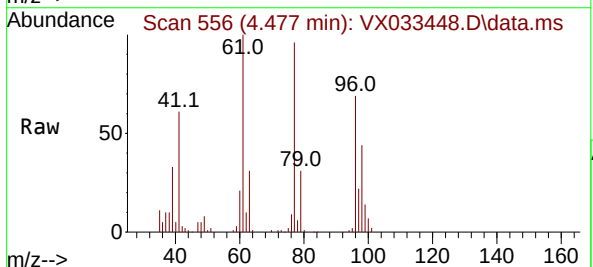
Manual Integrations  
APPROVED

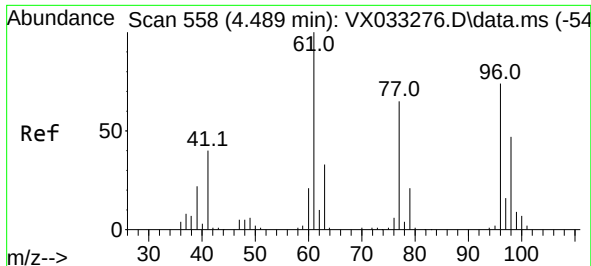
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#26  
2,2-Dichloropropane  
Concen: 56.453 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

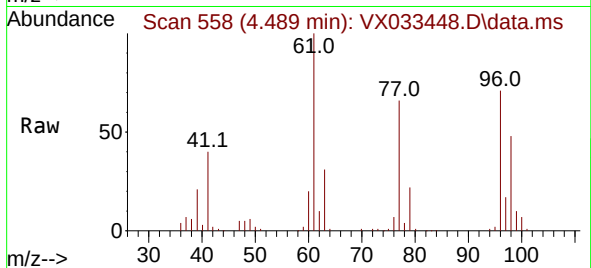
Tgt Ion: 77 Resp: 93648  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.4 34.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 53.444 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31

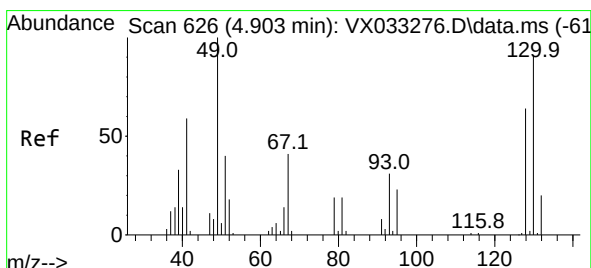
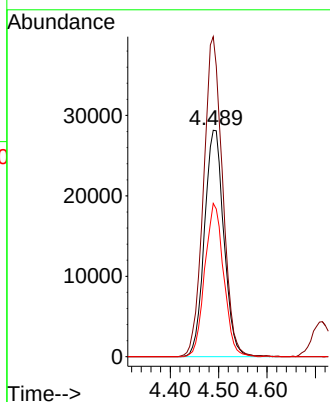
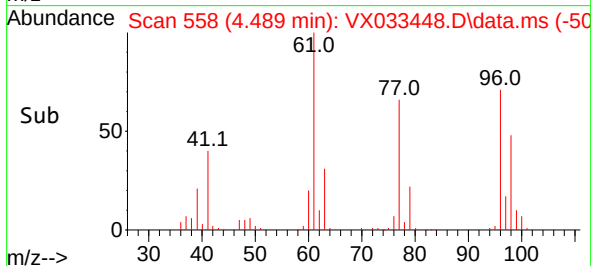
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



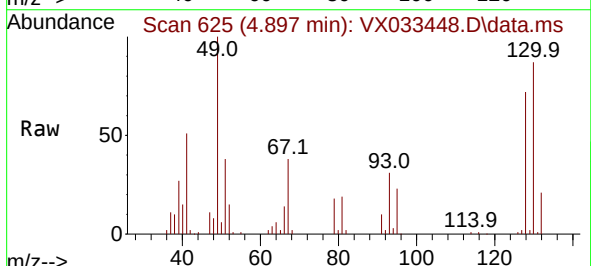
Tgt Ion: 96 Resp: 78398  
 Ion Ratio Lower Upper  
 96 100  
 61 139.2 0.0 286.0  
 98 65.8 0.0 129.6

Manual Integrations  
 APPROVED

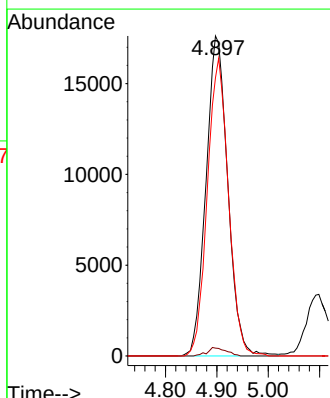
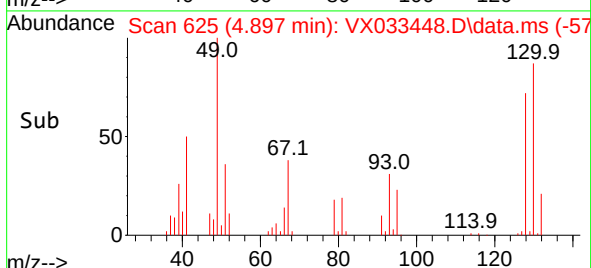
Reviewed By :John Carlone 12/16/2022  
 Supervised By :Mahesh Dadoda 12/16/2022

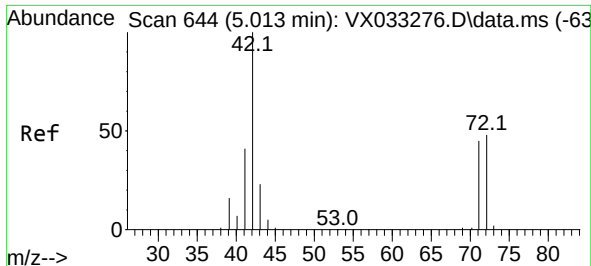


#28  
 Bromochloromethane  
 Concen: 55.001 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31



Tgt Ion: 49 Resp: 51936  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 3.8  
 130 90.2 67.5 101.3





#29

Tetrahydrofuran

Concen: 253.363 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13844

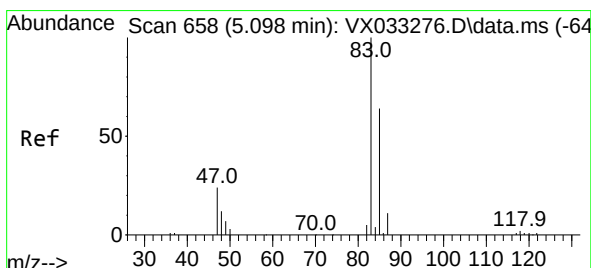
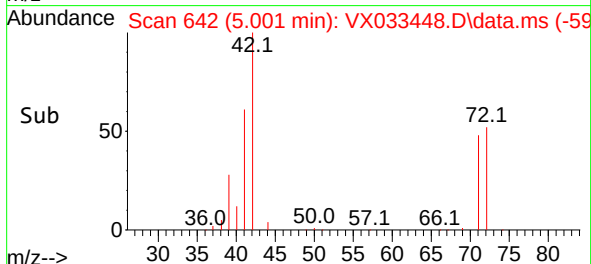
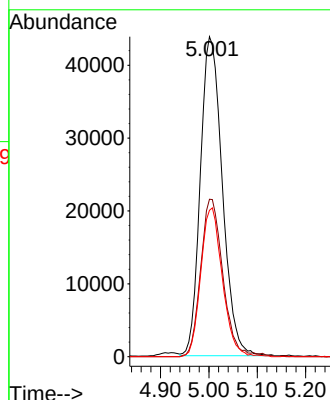
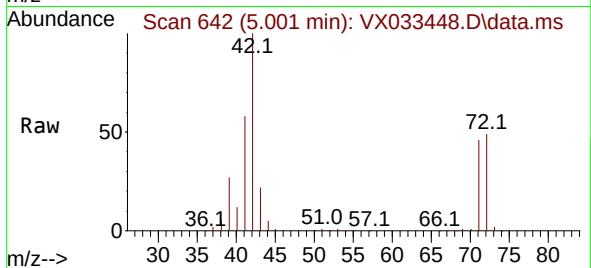
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 50.1  | 37.6  | 56.4  |
| 71  | 45.8  | 34.7  | 52.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#30

Chloroform

Concen: 53.857 ug/l

RT: 5.092 min Scan# 657

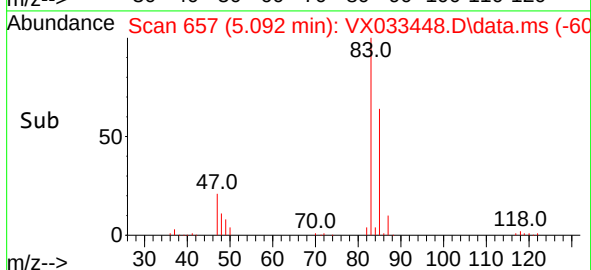
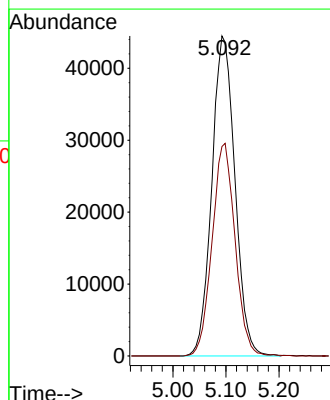
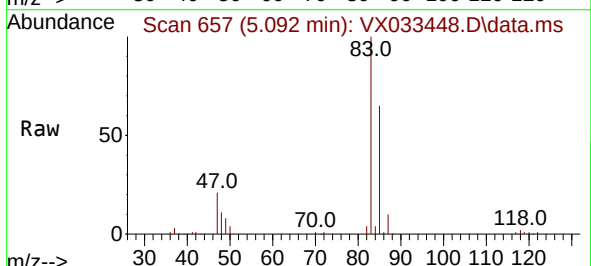
Delta R.T. -0.006 min

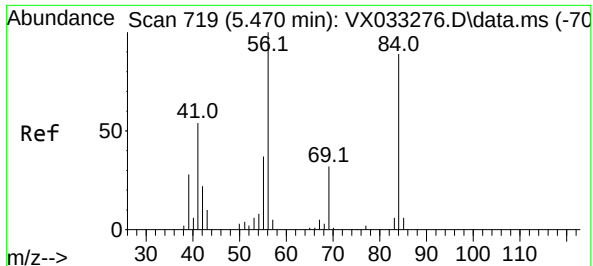
Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Tgt Ion: 83 Resp: 134873

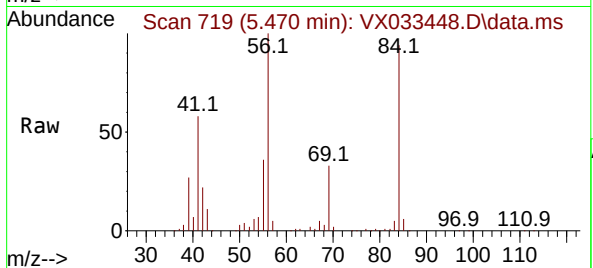
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.4  | 51.1  | 76.7  |





#31  
Cyclohexane  
Concen: 53.360 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

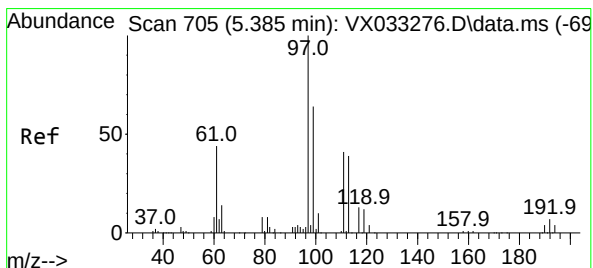
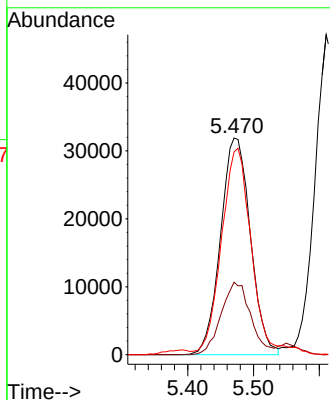
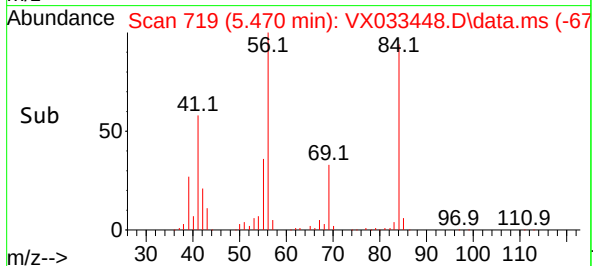
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



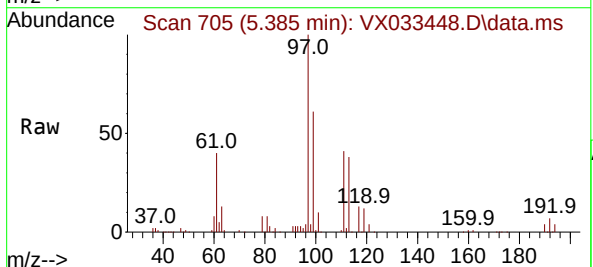
Tgt Ion: 56 Resp: 100692  
Ion Ratio Lower Upper  
56 100  
69 33.5 24.1 36.1  
84 91.5 66.9 100.3

Manual Integrations  
APPROVED

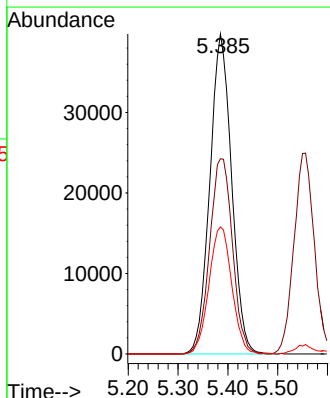
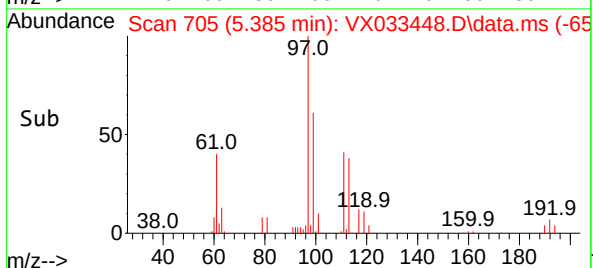
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

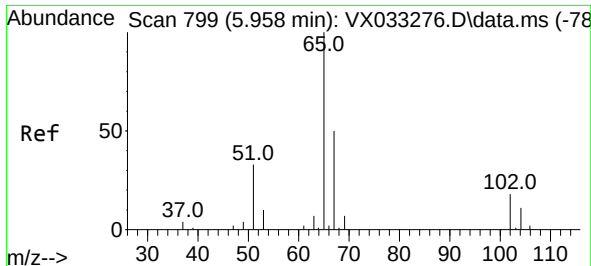


#32  
1,1,1-Trichloroethane  
Concen: 55.886 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 97 Resp: 120415  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.4 77.0  
61 41.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.432 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 39250

Ion Ratio Lower Upper

65 100

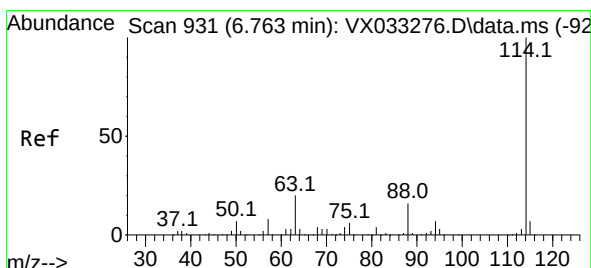
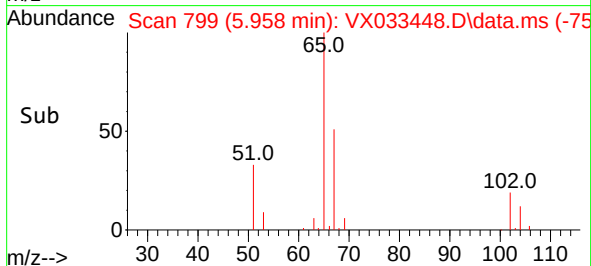
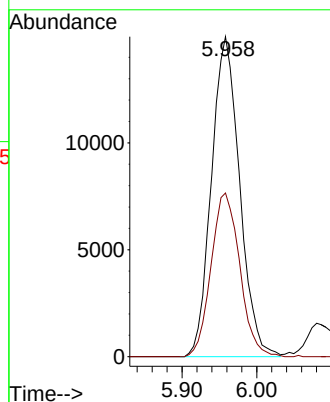
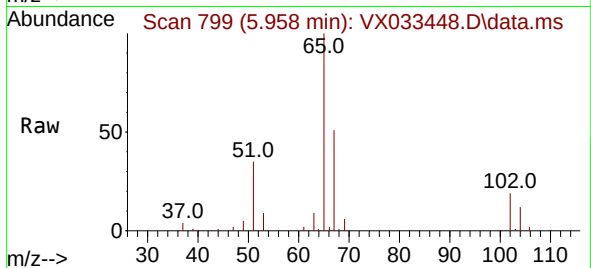
67 52.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

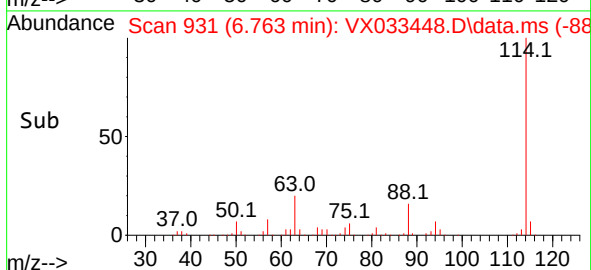
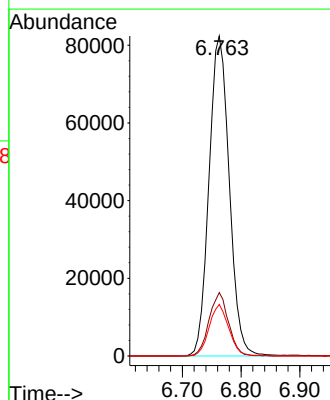
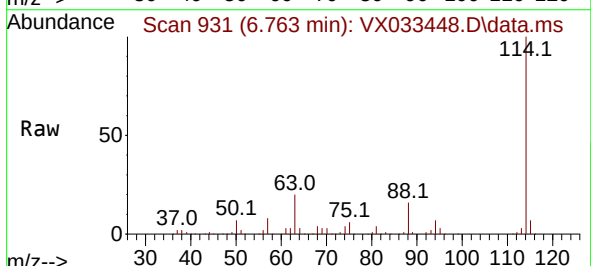
Tgt Ion:114 Resp: 197341

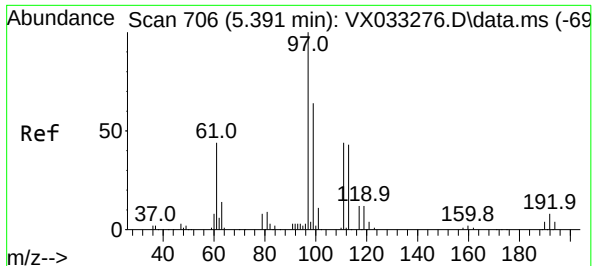
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.624 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

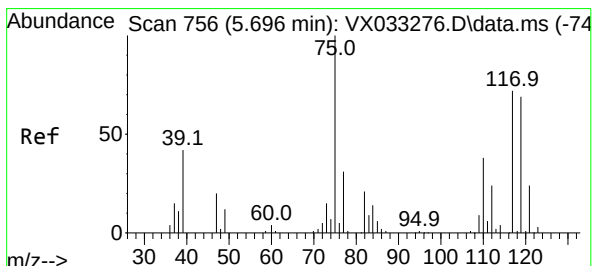
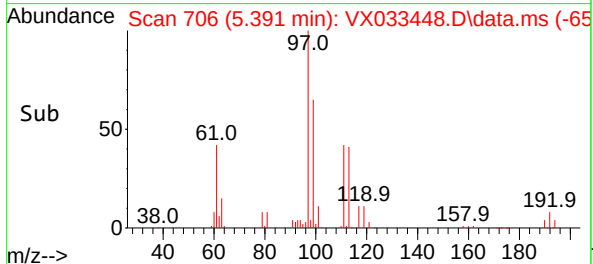
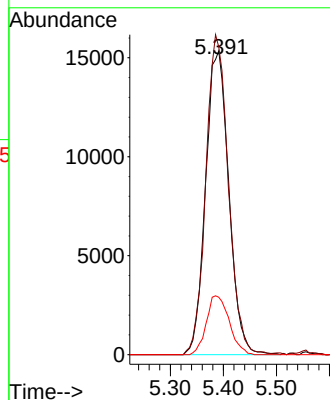
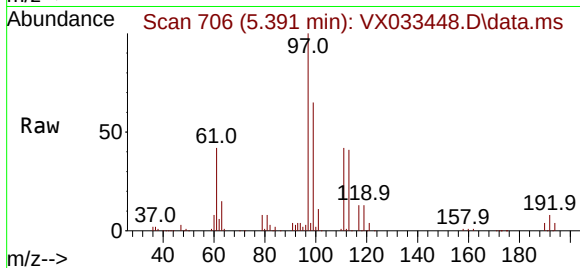
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 46709 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.1 | 82.4  | 123.6 |
| 192      | 19.1  | 15.4  | 23.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#36

1,1-Dichloropropene

Concen: 54.810 ug/l

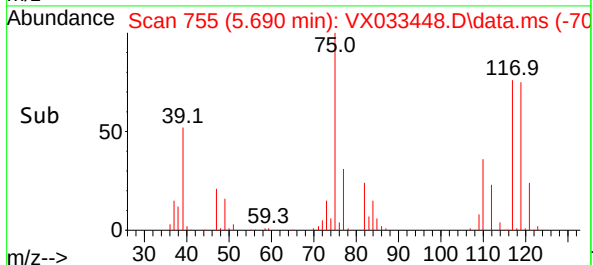
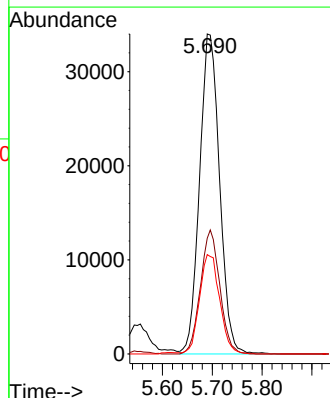
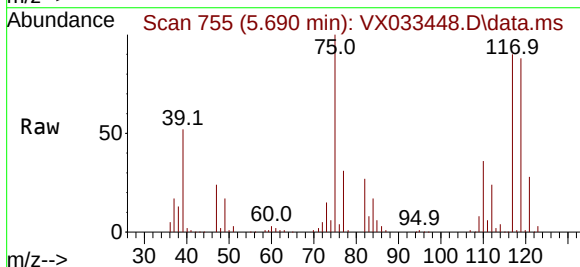
RT: 5.690 min Scan# 755

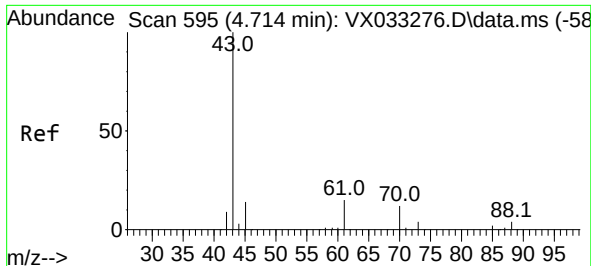
Delta R.T. -0.006 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 94850 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.5  | 18.4  | 55.2  |
| 77       | 31.3  | 24.5  | 36.7  |





#37

Ethyl Acetate

Concen: 51.714 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

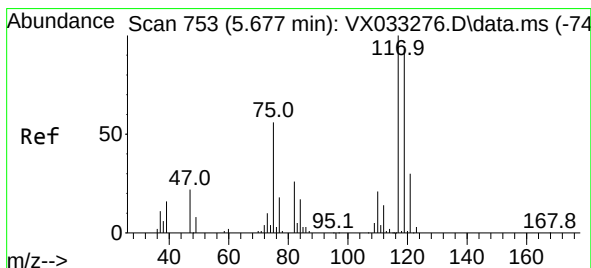
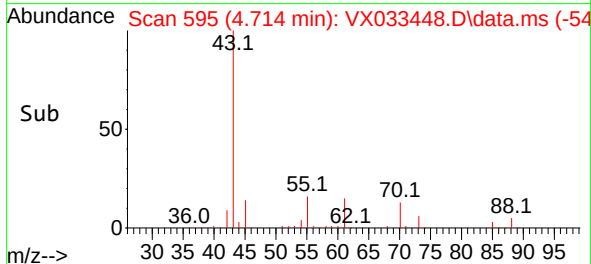
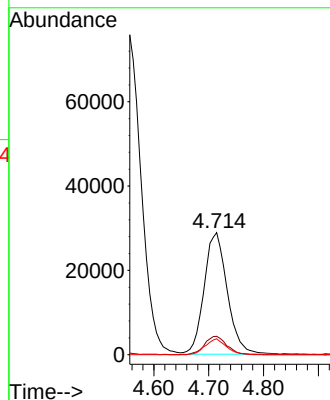
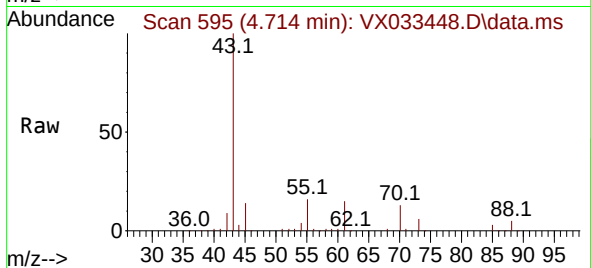
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 8459  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 14.6     | 11.5 17.3   |
| 70 11.7     | 9.1 13.7    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#38

Carbon Tetrachloride

Concen: 54.518 ug/l

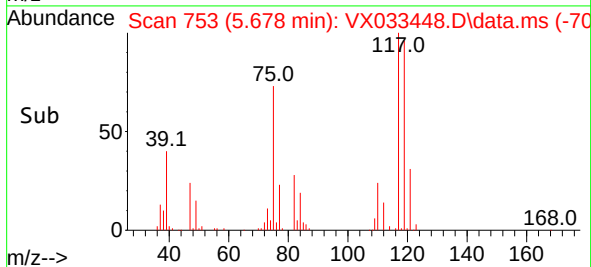
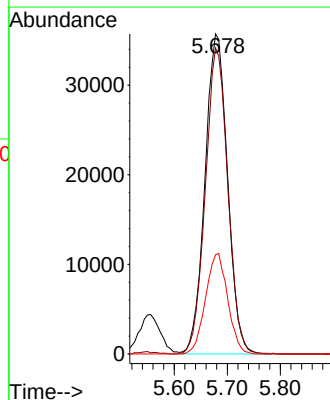
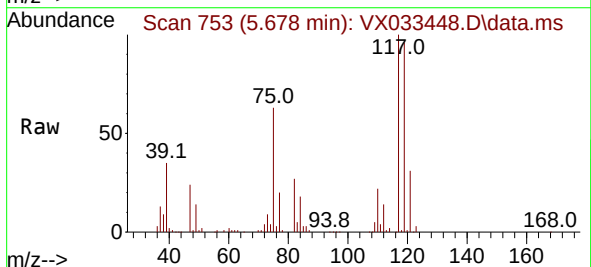
RT: 5.678 min Scan# 753

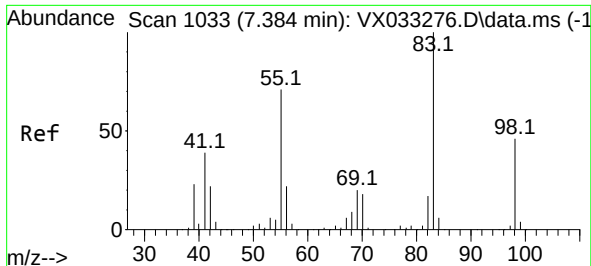
Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

|             |              |
|-------------|--------------|
| Tgt Ion:117 | Resp: 105704 |
| Ion Ratio   | Lower Upper  |
| 117 100     |              |
| 119 95.6    | 77.2 115.8   |
| 121 31.0    | 25.8 38.6    |





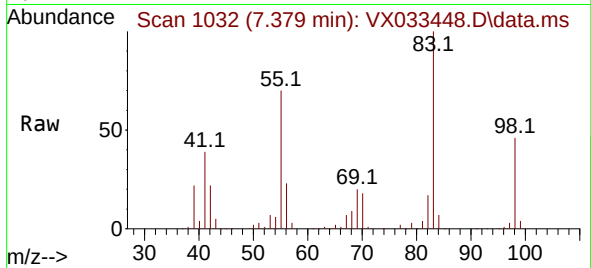
#39  
Methylcyclohexane  
Concen: 56.611 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



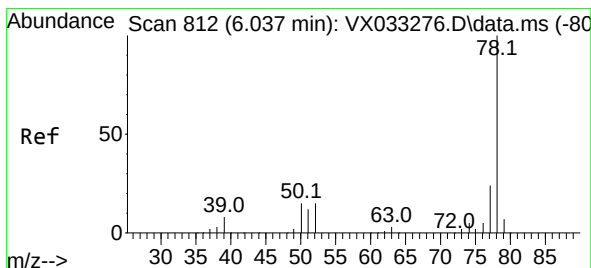
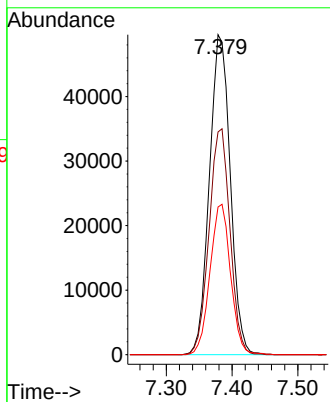
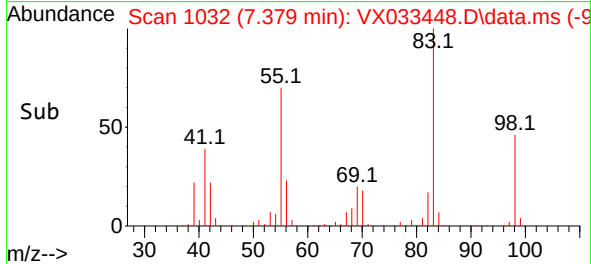
Tgt Ion: 83 Resp: 109654  
Ion Ratio Lower Upper  
83 100  
55 69.6 58.4 87.6  
98 46.1 37.2 55.8

Manual Integrations

APPROVED

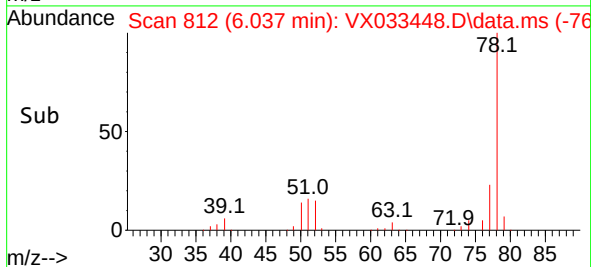
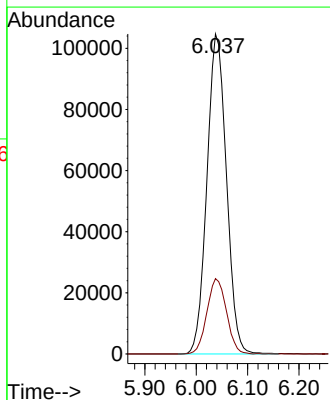
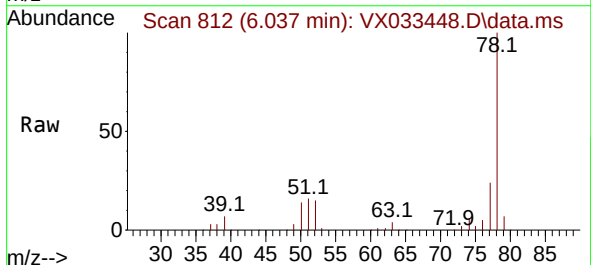
Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022

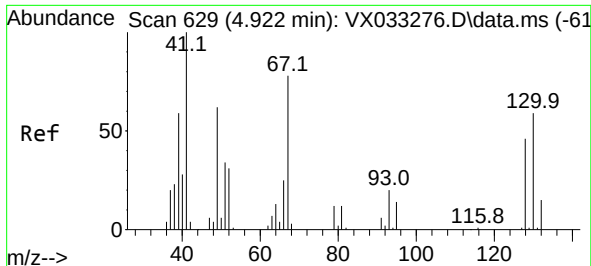


#40  
Benzene  
Concen: 54.672 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 78 Resp: 275855  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.0 28.4







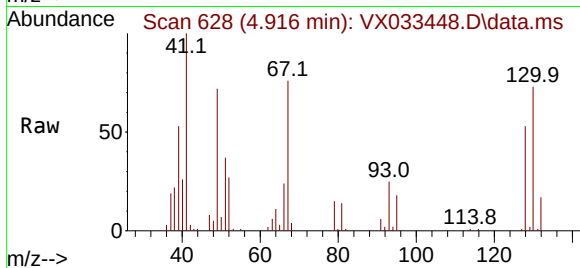
#41  
Methacrylonitrile  
Concen: 53.642 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



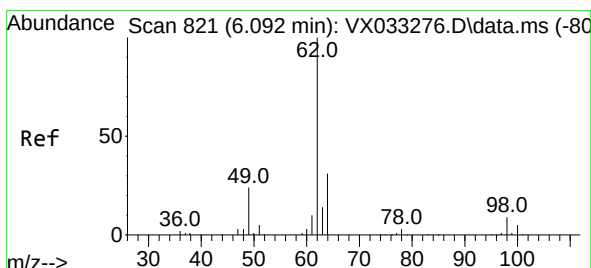
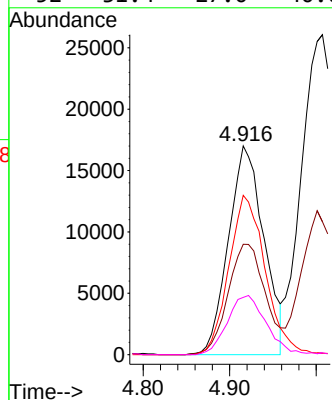
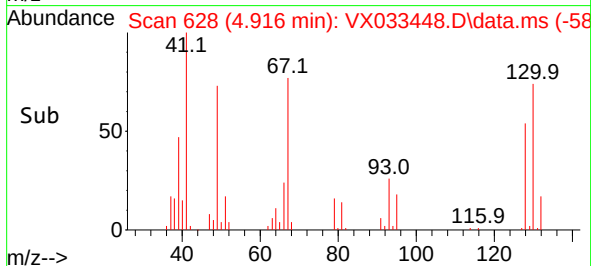
Tgt Ion: 41 Resp: 48354  
Ion Ratio Lower Upper  
41 100  
39 56.8 47.5 71.3  
67 78.6 60.5 90.7  
52 31.4 27.0 40.6

Manual Integrations

APPROVED

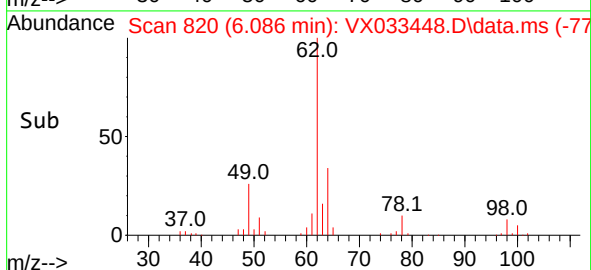
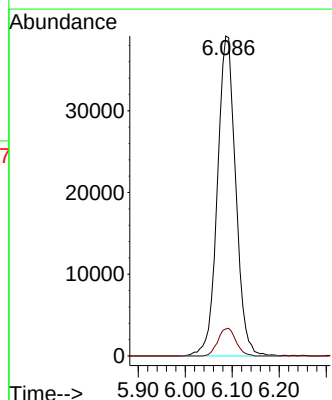
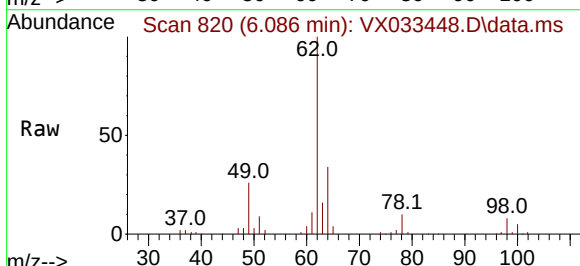
Reviewed By :John Carlone 12/16/2022

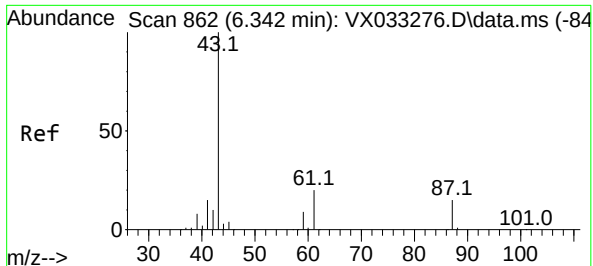
Supervised By :Mahesh Dadoda 12/16/2022



#42  
1,2-Dichloroethane  
Concen: 53.005 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

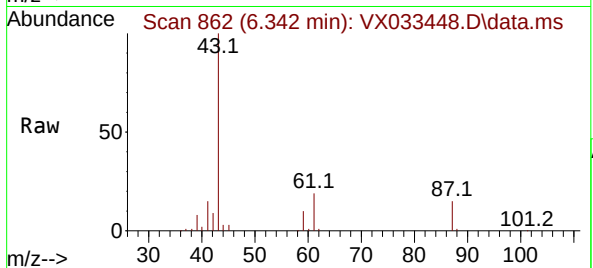
Tgt Ion: 62 Resp: 106202  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 16.0





#43  
Isopropyl Acetate  
Concen: 53.802 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

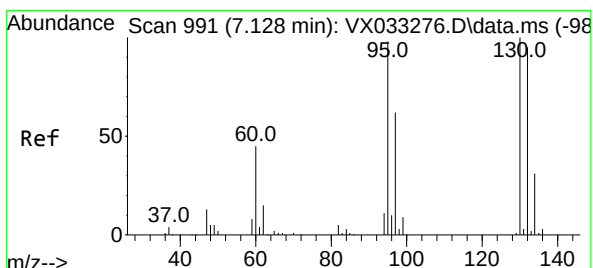
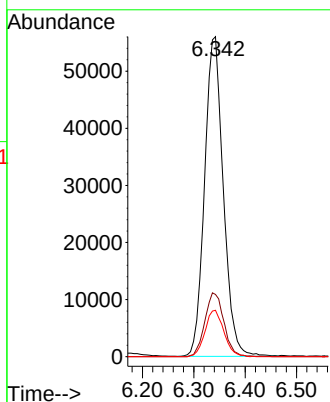
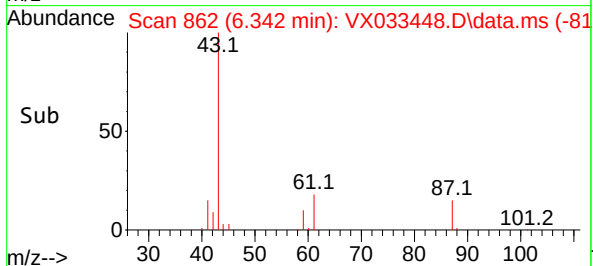
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



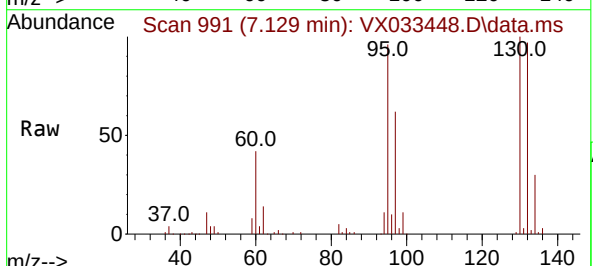
Tgt Ion: 43 Resp: 141609  
Ion Ratio Lower Upper  
43 100  
61 20.3 15.4 23.0  
87 14.7 10.8 16.2

Manual Integrations  
APPROVED

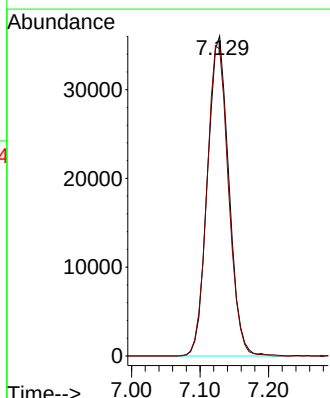
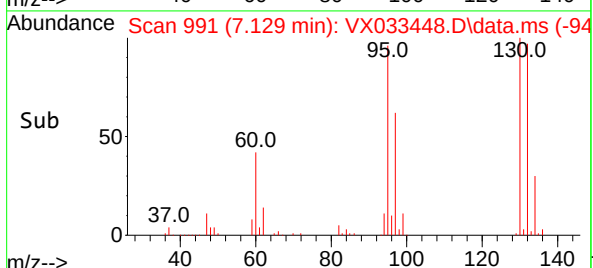
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

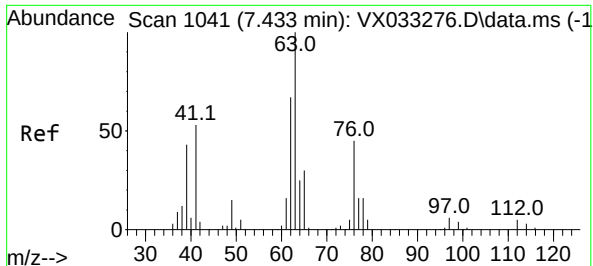


#44  
Trichloroethene  
Concen: 56.025 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion:130 Resp: 77939  
Ion Ratio Lower Upper  
130 100  
95 95.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 53.959 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 69628

Ion Ratio Lower Upper

63 100

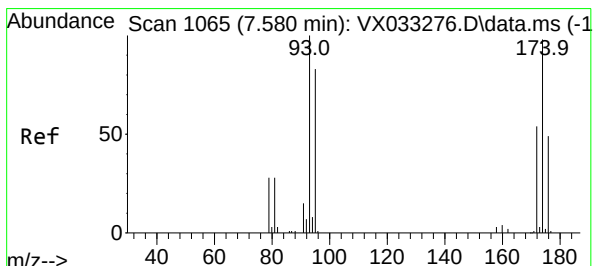
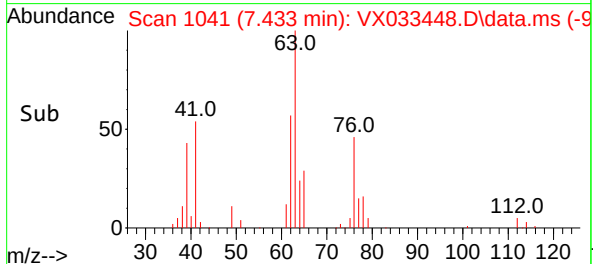
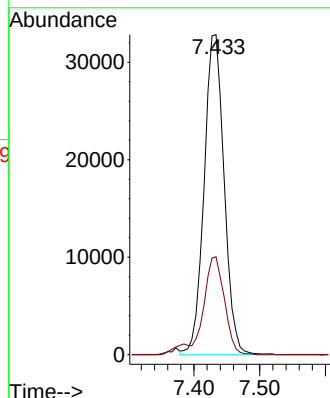
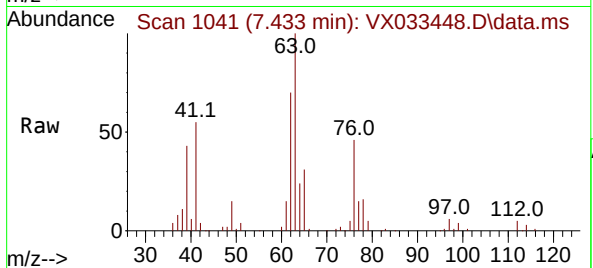
65 30.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#46

Dibromomethane

Concen: 53.643 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

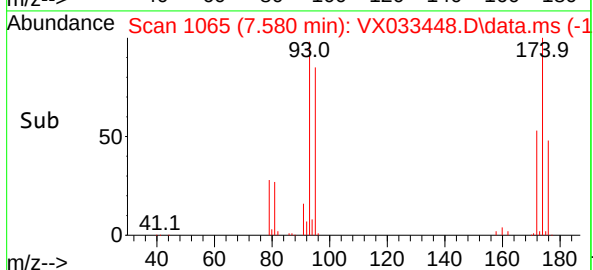
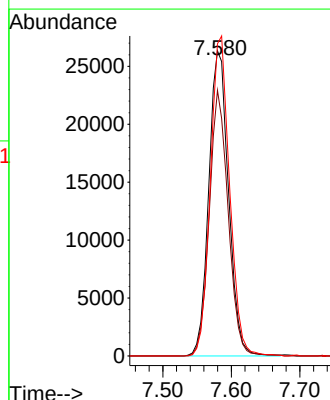
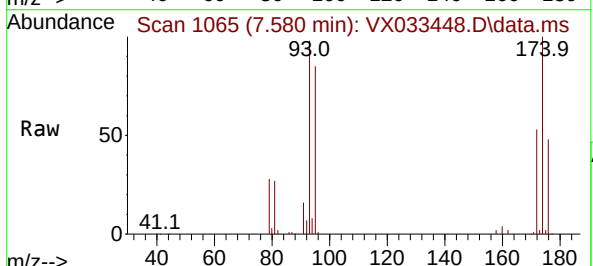
Tgt Ion: 93 Resp: 52731

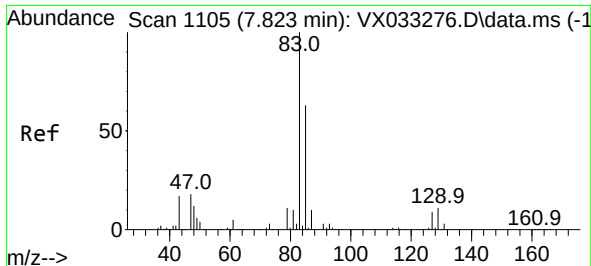
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 102.4 79.8 119.6





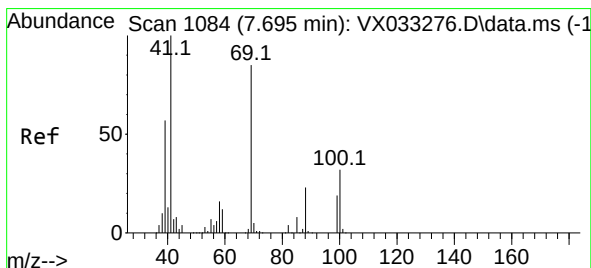
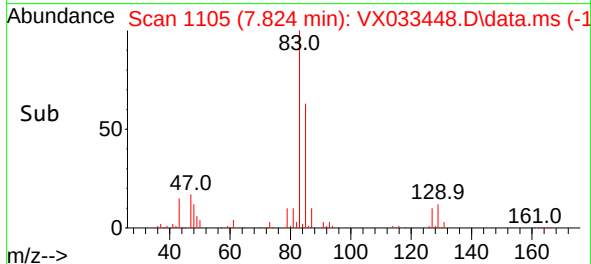
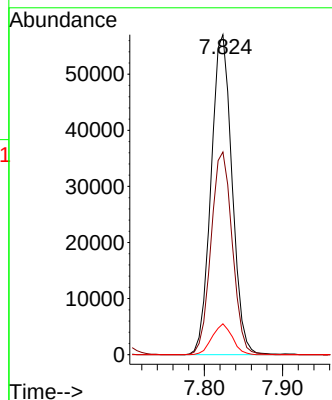
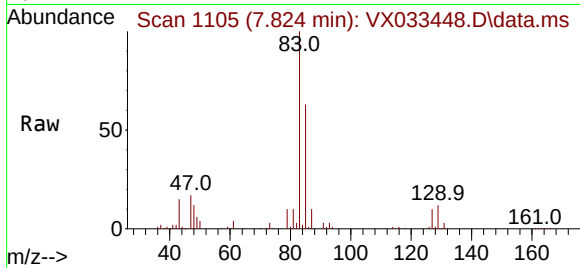
#47  
Bromodichloromethane  
Concen: 55.348 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 10605  
Ion Ratio Lower Upper  
83 100  
85 63.4 52.2 78.4  
127 9.7 7.4 11.2

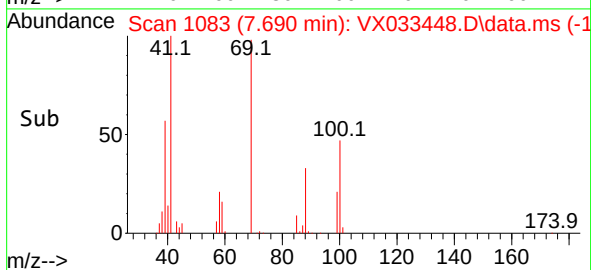
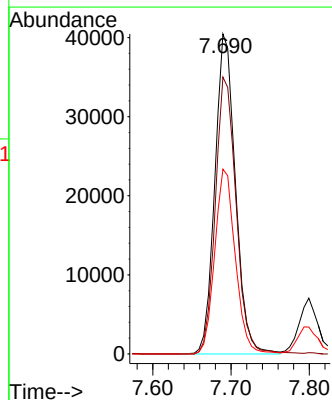
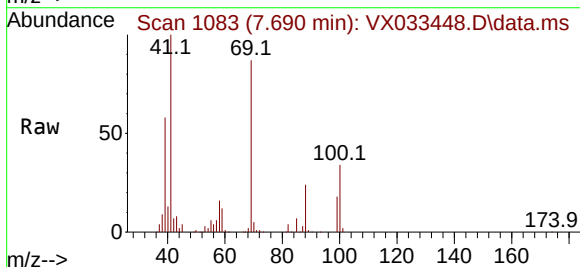
Manual Integrations  
APPROVED

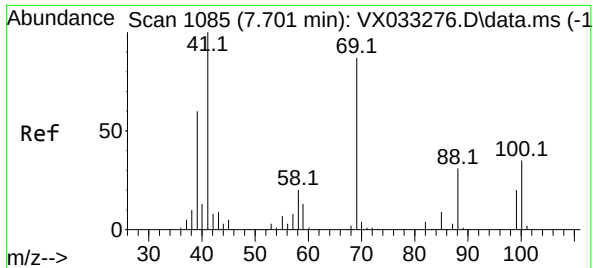
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#48  
Methyl methacrylate  
Concen: 54.402 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 41 Resp: 73900  
Ion Ratio Lower Upper  
41 100  
69 87.4 65.1 97.7  
39 57.8 51.9 77.9





#49

1,4-Dioxane

Concen: 841.676 ug/l

RT: 7.683 min Scan# 1085

Delta R.T. -0.018 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 26072

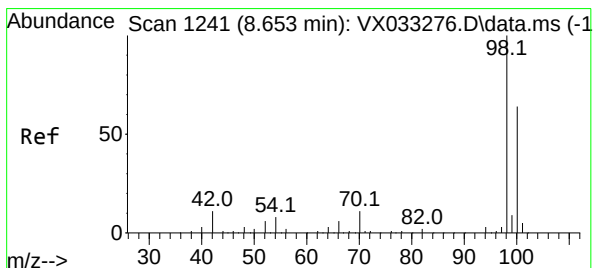
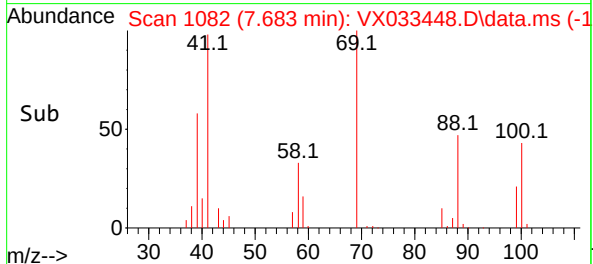
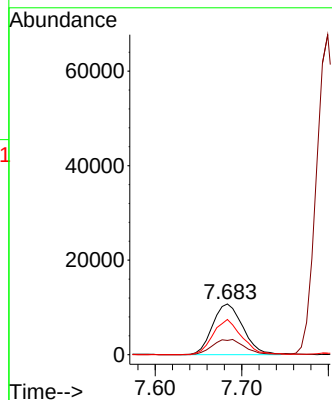
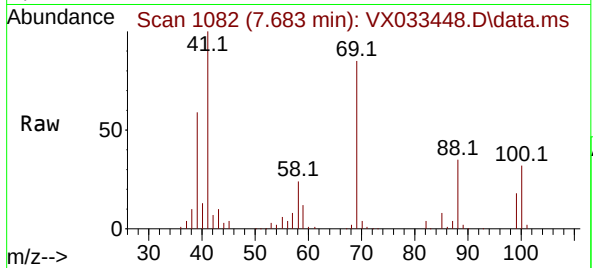
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.4  | 26.6  | 39.8  |
| 58  | 66.0  | 51.7  | 77.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#50

Toluene-d8

Concen: 54.700 ug/l

RT: 8.647 min Scan# 1240

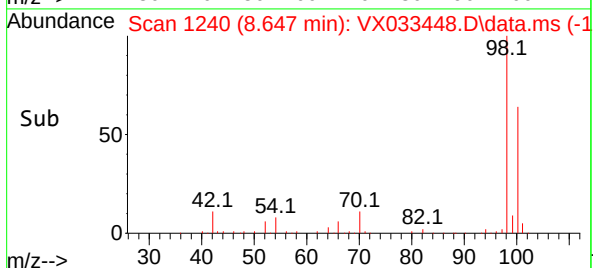
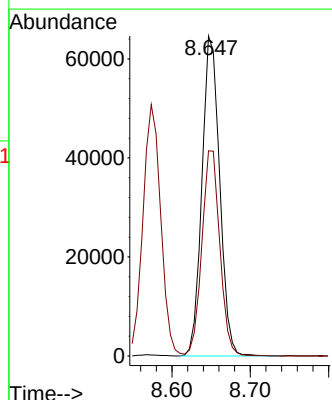
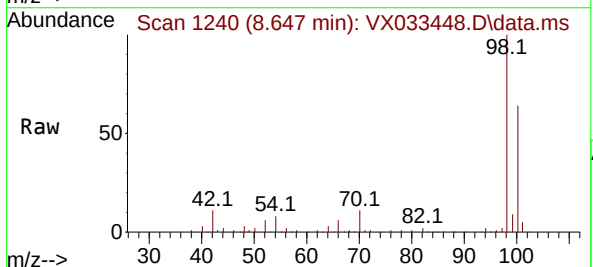
Delta R.T. -0.006 min

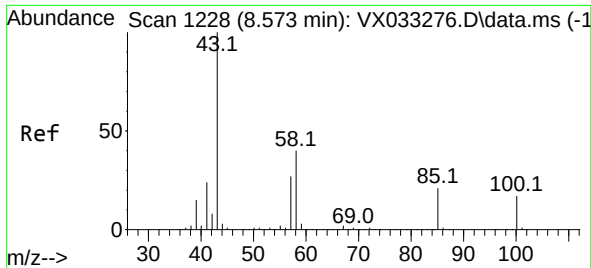
Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Tgt Ion: 98 Resp: 101567

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.0  | 50.9  | 76.3  |





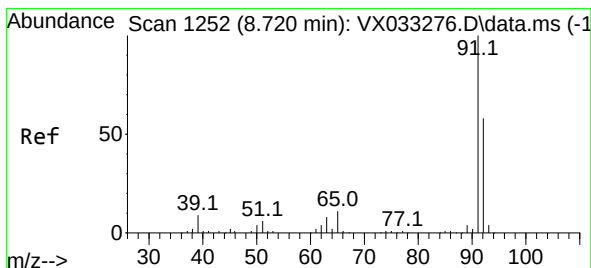
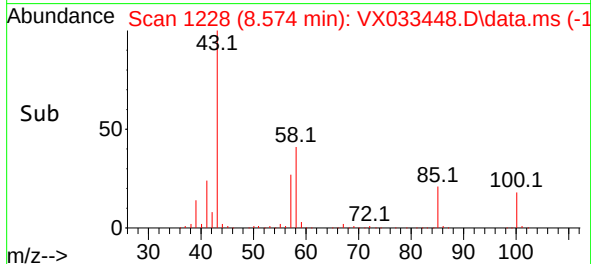
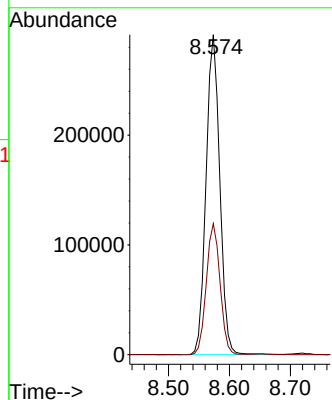
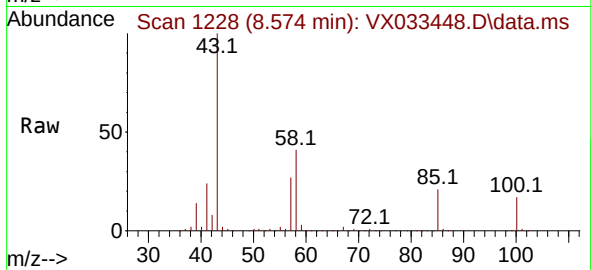
#51  
4-Methyl-2-Pentanone  
Concen: 273.702 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 45557  
Ion Ratio Lower Upper  
43 100  
58 41.0 30.9 46.3

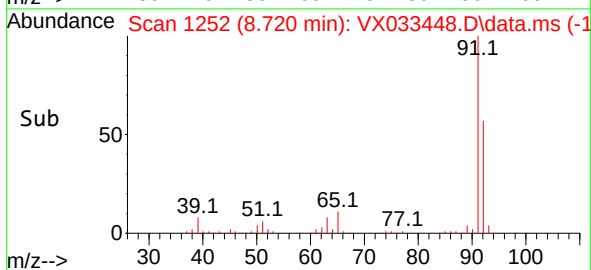
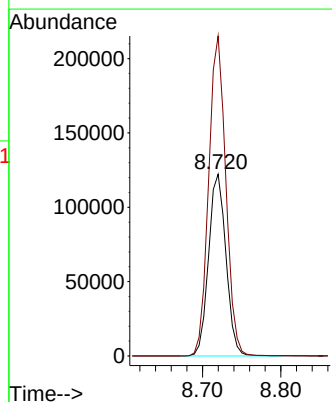
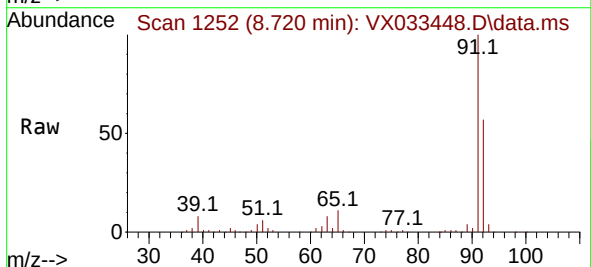
Manual Integrations  
APPROVED

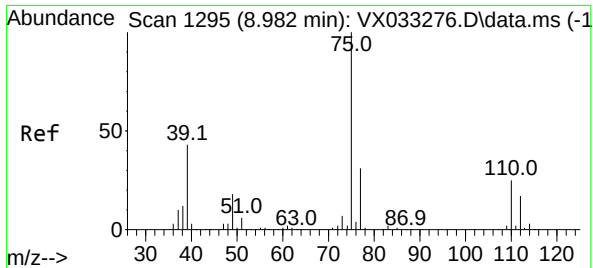
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#52  
Toluene  
Concen: 57.657 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion: 92 Resp: 188095  
Ion Ratio Lower Upper  
92 100  
91 173.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.538 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 108424

Ion Ratio Lower Upper

75 100

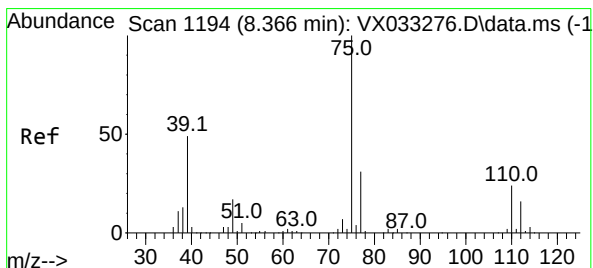
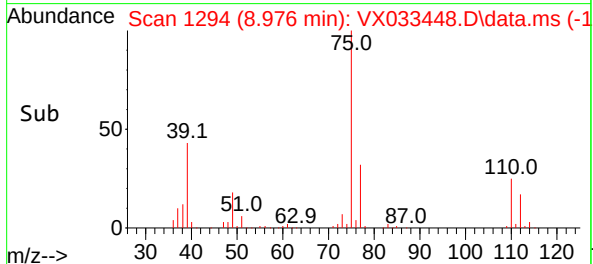
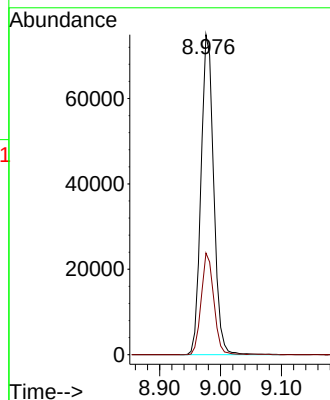
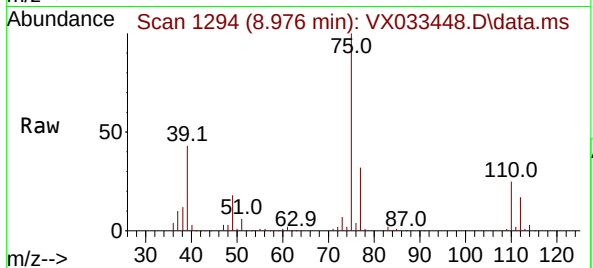
77 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#54

cis-1,3-Dichloropropene

Concen: 57.405 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

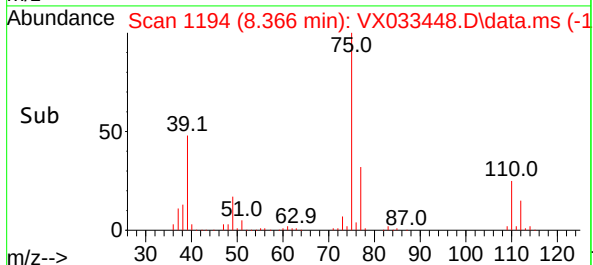
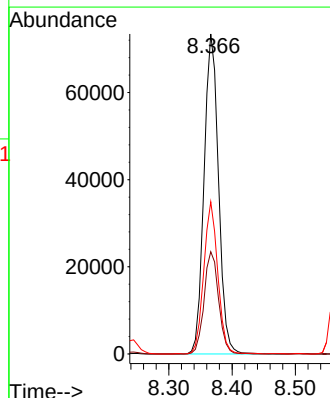
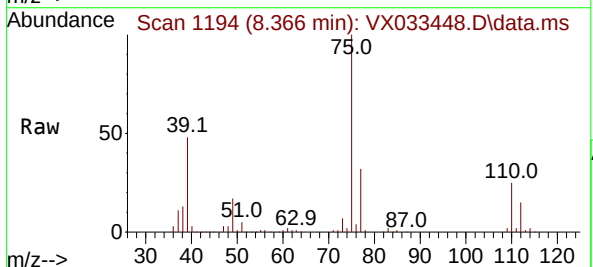
Tgt Ion: 75 Resp: 117050

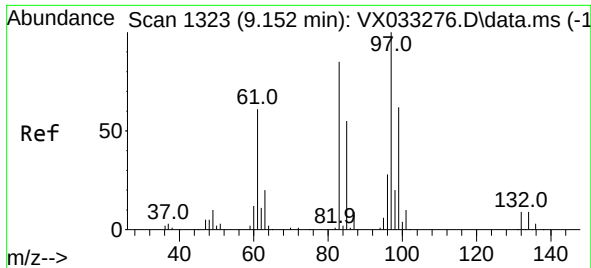
Ion Ratio Lower Upper

75 100

77 31.9 25.1 37.7

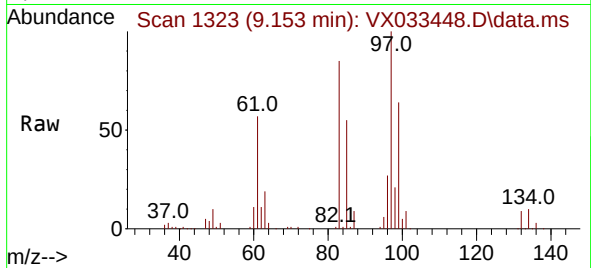
39 47.5 45.5 68.3





#55  
1,1,2-Trichloroethane  
Concen: 56.460 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

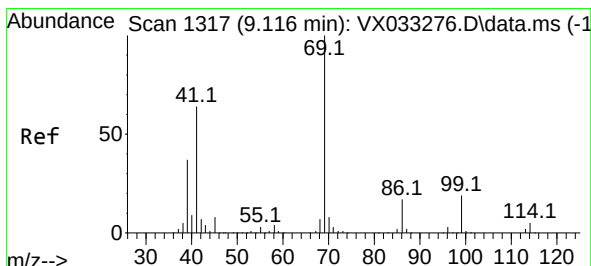
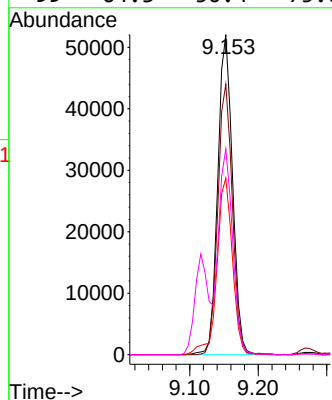
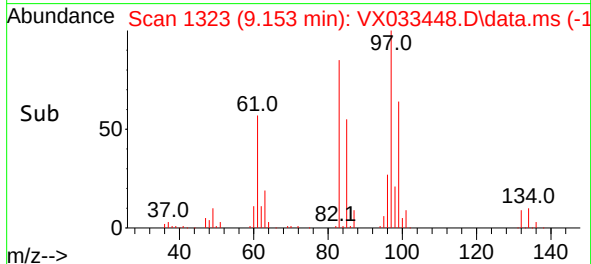
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



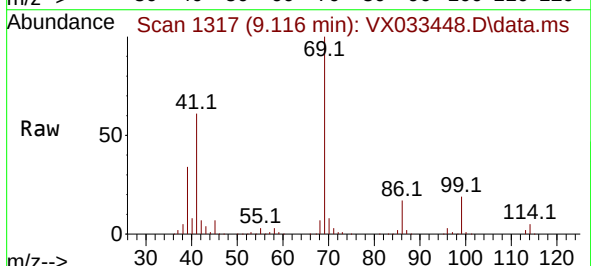
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.6  | 68.1  | 102.1 |
| 85      | 55.2  | 43.3  | 64.9  |
| 99      | 64.3  | 50.4  | 75.6  |

Manual Integrations  
APPROVED

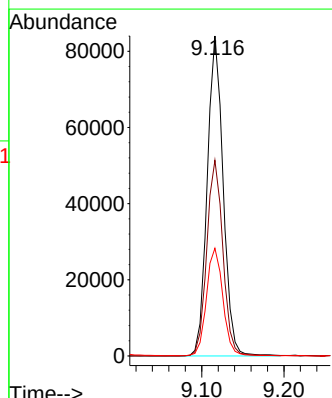
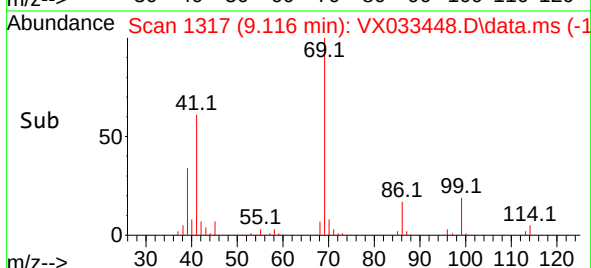
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



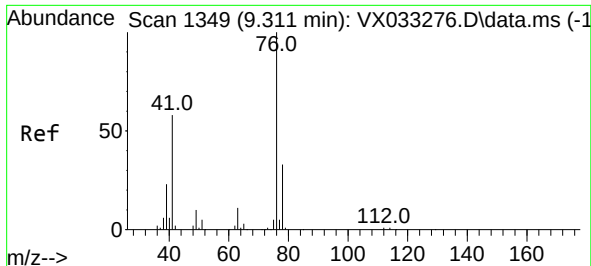
#56  
Ethyl methacrylate  
Concen: 58.553 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 62.1  | 54.3  | 81.5  |
| 39      | 34.6  | 35.2  | 52.8  |







#57

1,3-Dichloropropane

Concen: 56.367 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124174

Ion Ratio Lower Upper

76 100

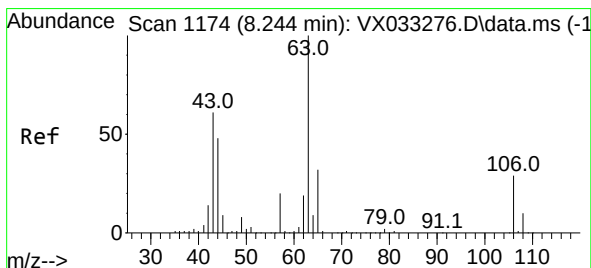
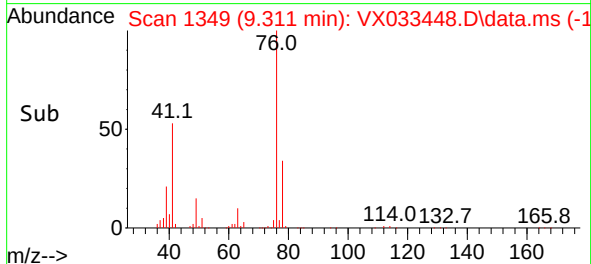
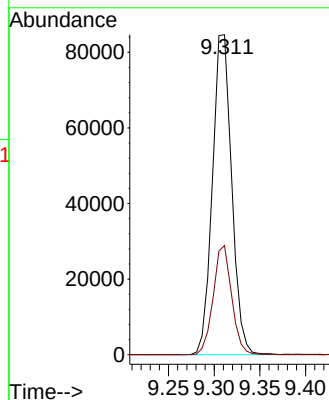
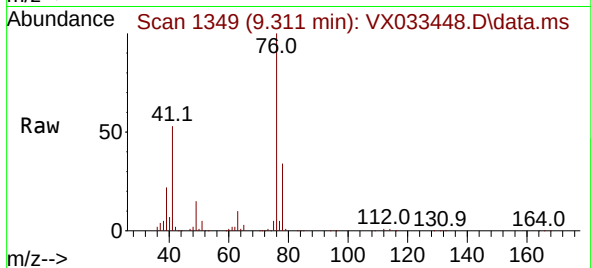
78 32.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 292.670 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033448.D

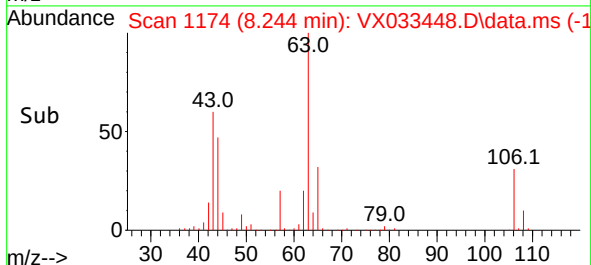
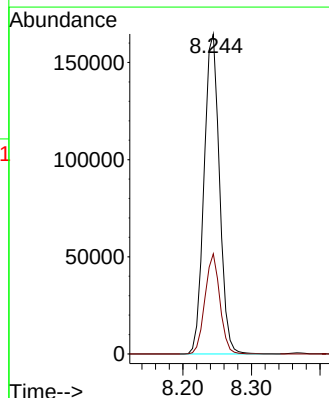
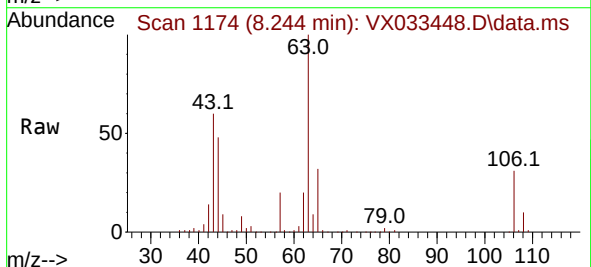
Acq: 15 Dec 2022 17:31

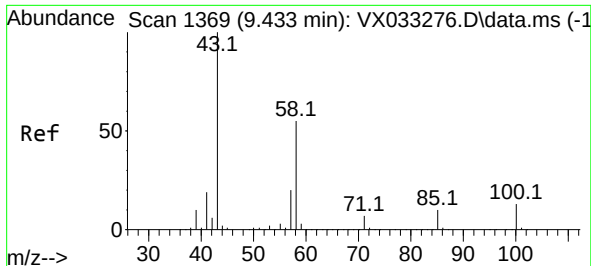
Tgt Ion: 63 Resp: 258559

Ion Ratio Lower Upper

63 100

106 30.2 23.3 34.9





#59

2-Hexanone

Concen: 271.625 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 333179

Ion Ratio Lower Upper

43 100

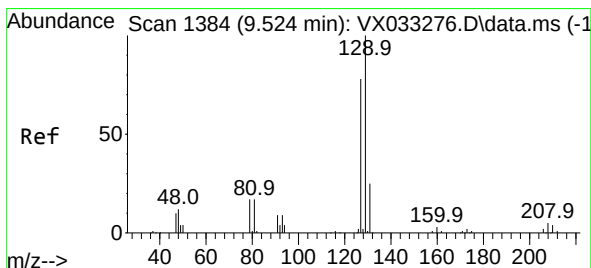
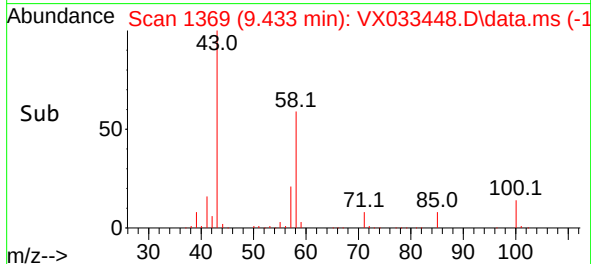
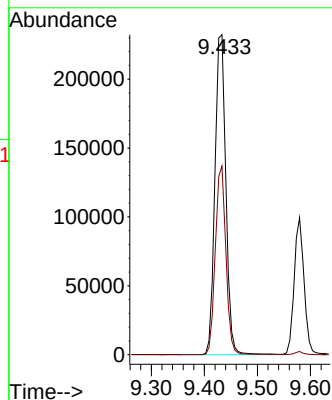
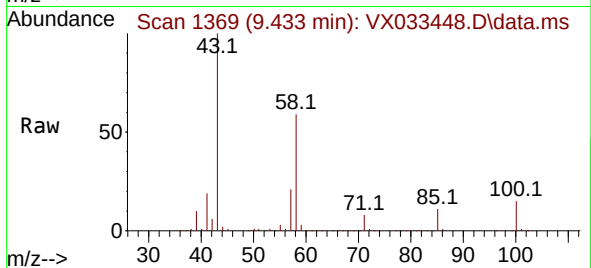
58 57.2 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#60

Dibromochloromethane

Concen: 56.394 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033448.D

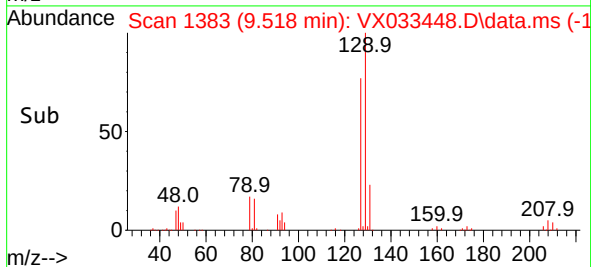
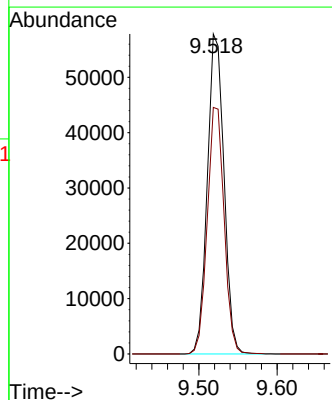
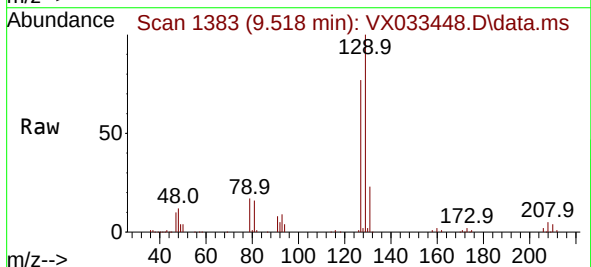
Acq: 15 Dec 2022 17:31

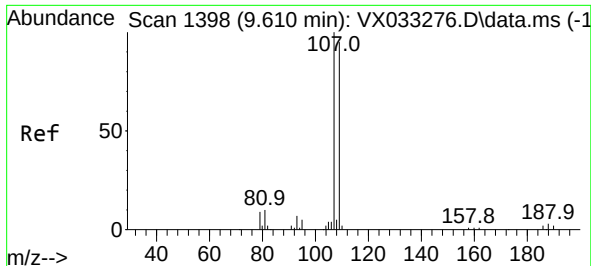
Tgt Ion:129 Resp: 85205

Ion Ratio Lower Upper

129 100

127 77.9 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 56.587 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

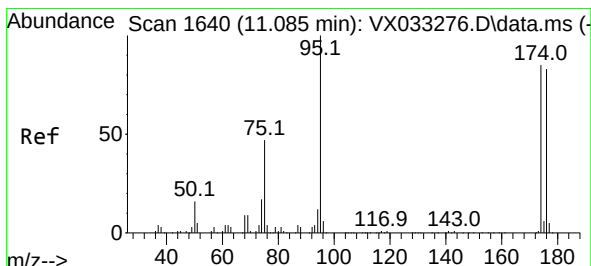
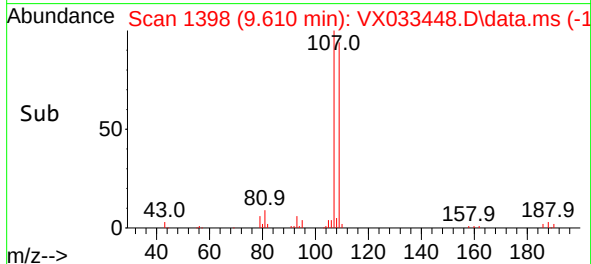
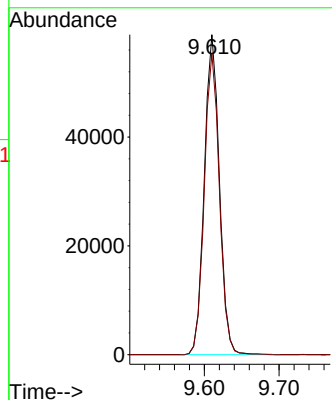
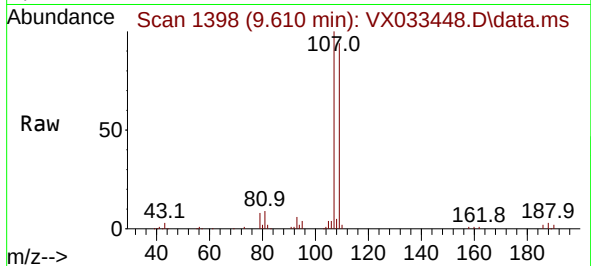
VSTDCCC050EC

Tgt Ion:107 Resp: 8254  
Ion Ratio Lower Upper  
107 100  
109 94.2 76.0 114.0

Manual Integrations

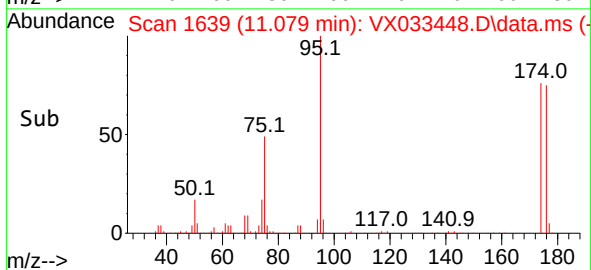
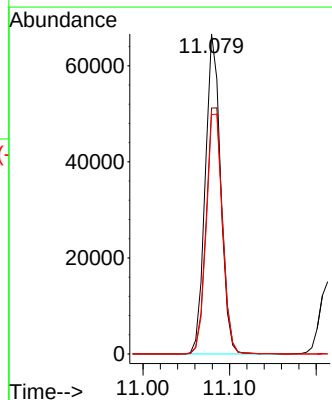
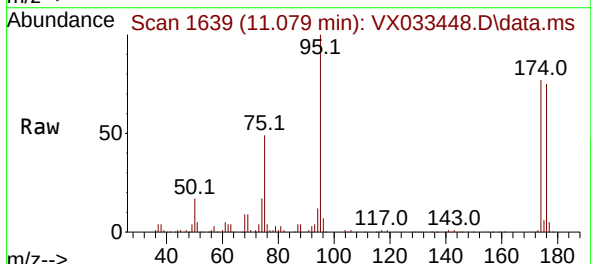
APPROVED

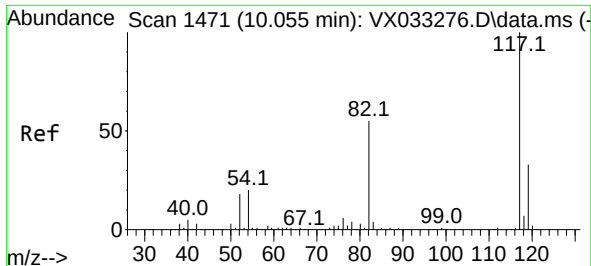
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#62  
4-Bromofluorobenzene  
Concen: 57.541 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

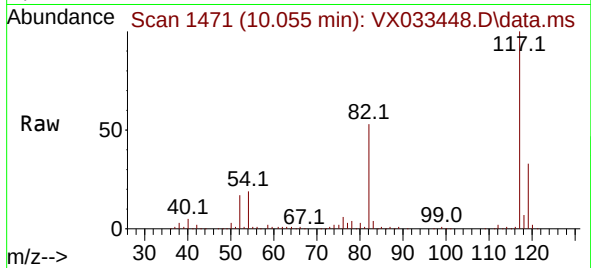
Tgt Ion: 95 Resp: 81694  
Ion Ratio Lower Upper  
95 100  
174 82.2 0.0 164.0  
176 79.6 0.0 154.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

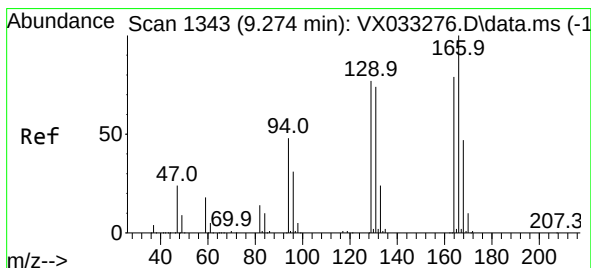
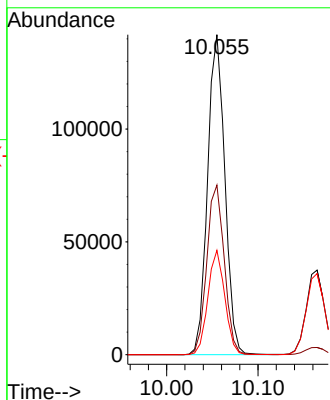
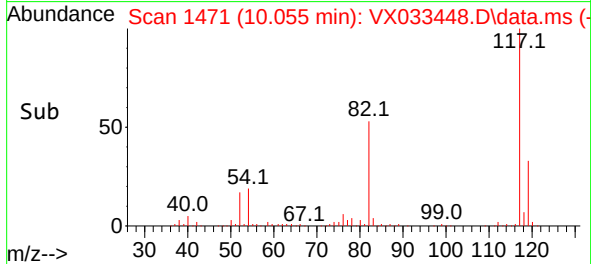
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 185740  
Ion Ratio Lower Upper  
117 100  
82 53.0 44.3 66.5  
119 32.6 25.7 38.5

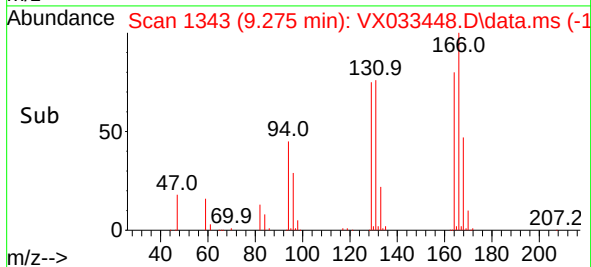
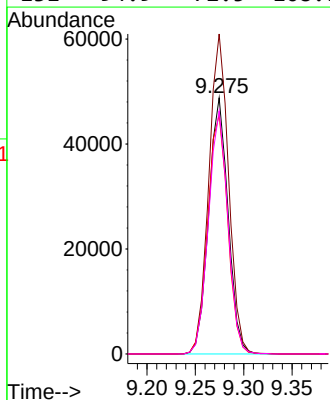
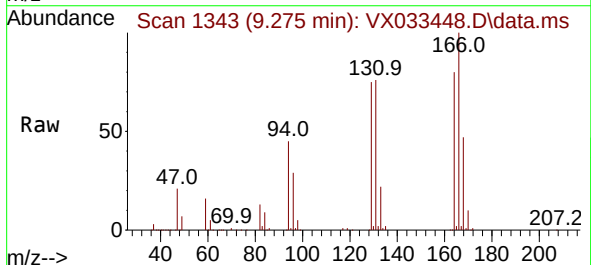
Manual Integrations  
APPROVED

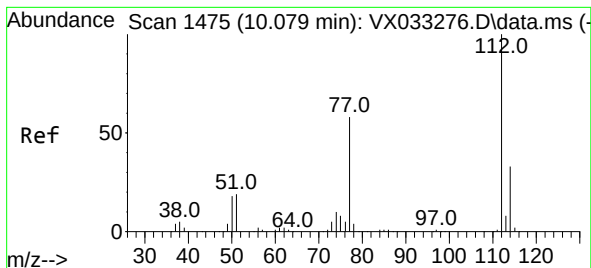
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#64  
Tetrachloroethene  
Concen: 53.622 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion:164 Resp: 68106  
Ion Ratio Lower Upper  
164 100  
166 124.9 105.4 158.2  
129 93.2 78.2 117.2  
131 94.9 72.5 108.7





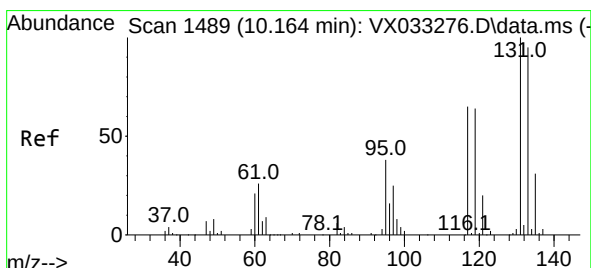
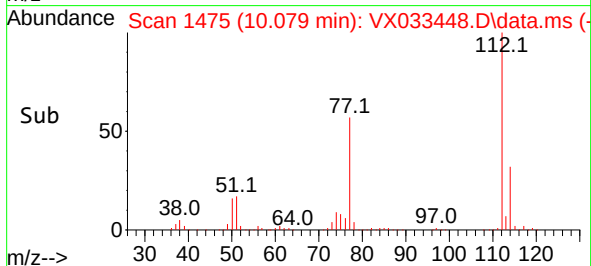
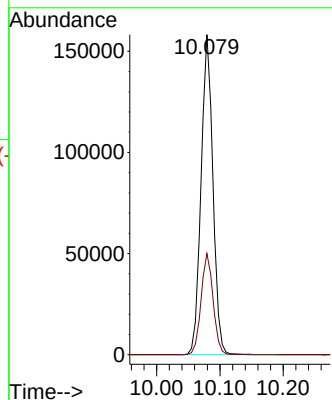
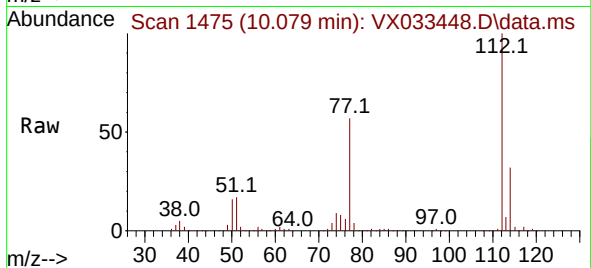
#65  
Chlorobenzene  
Concen: 54.841 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 206279  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.4 38.2

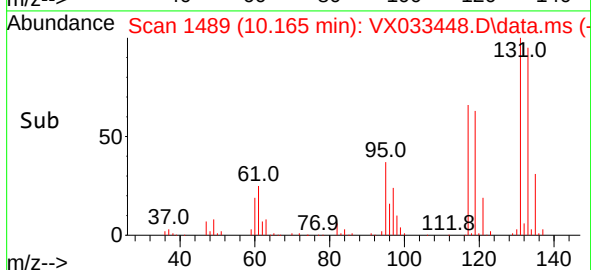
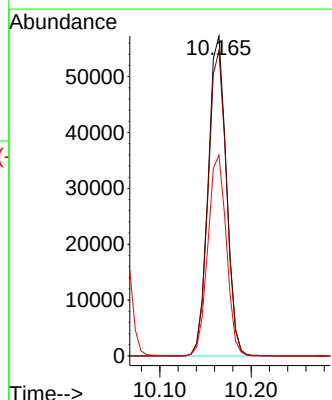
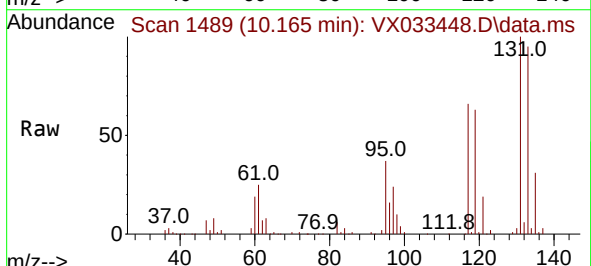
Manual Integrations  
APPROVED

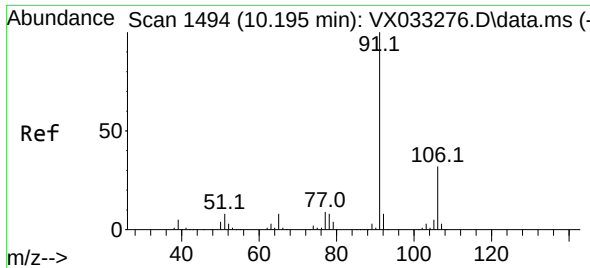
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.527 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

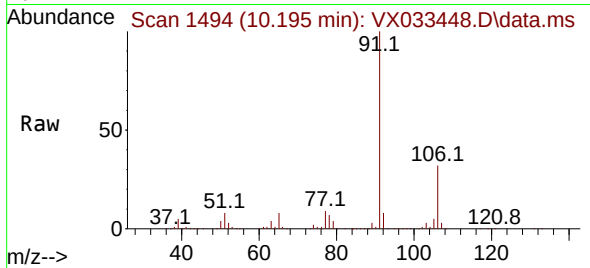
Tgt Ion:131 Resp: 78928  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.6 142.9  
119 63.8 32.4 97.0





#67  
Ethyl Benzene  
Concen: 56.458 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

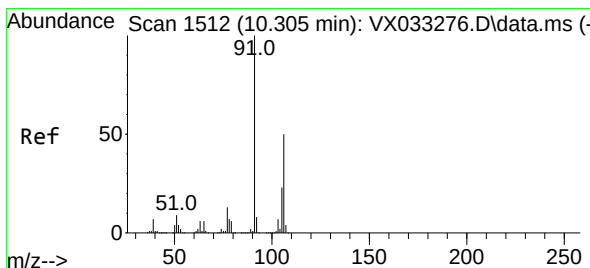
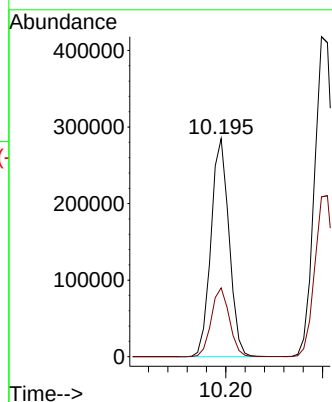
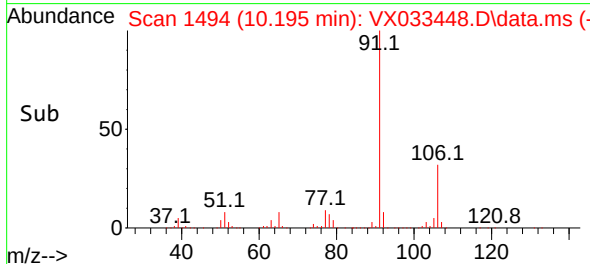
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 36996  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.6

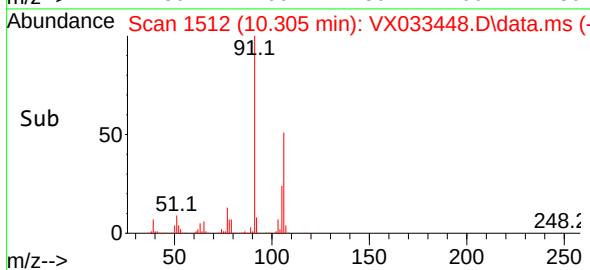
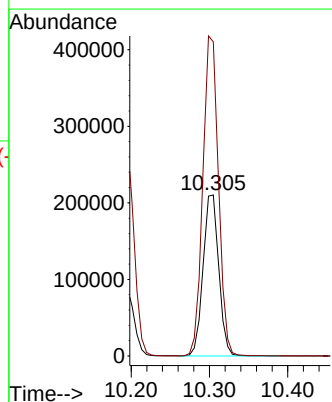
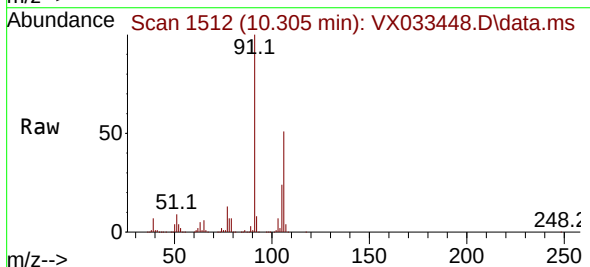
Manual Integrations  
APPROVED

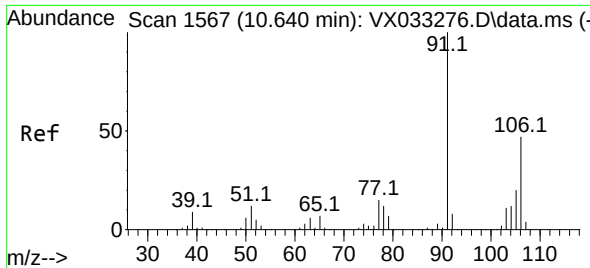
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#68  
m/p-Xylenes  
Concen: 114.467 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion:106 Resp: 291837  
Ion Ratio Lower Upper  
106 100  
91 198.5 164.5 246.7





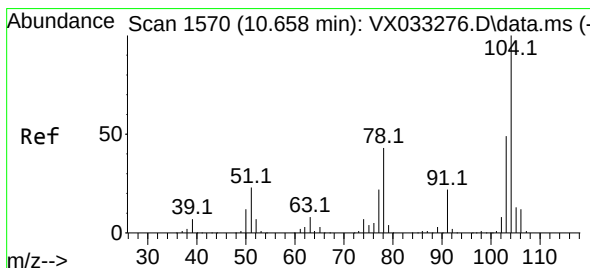
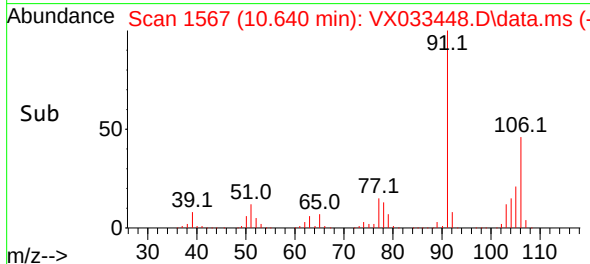
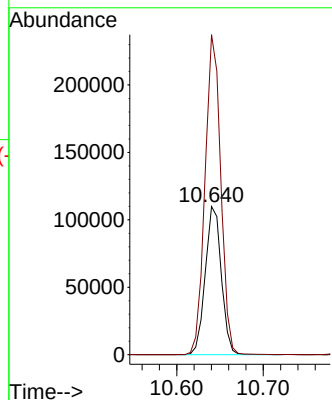
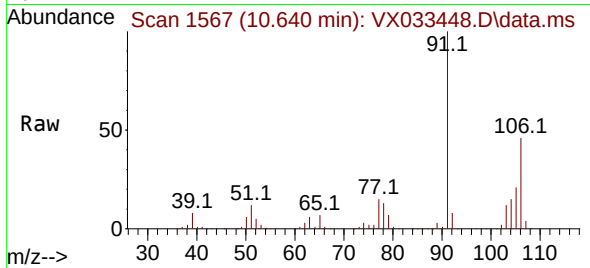
#69  
o-Xylene  
Concen: 56.176 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 141560  
Ion Ratio Lower Upper  
106 100  
91 211.8 109.2 327.6

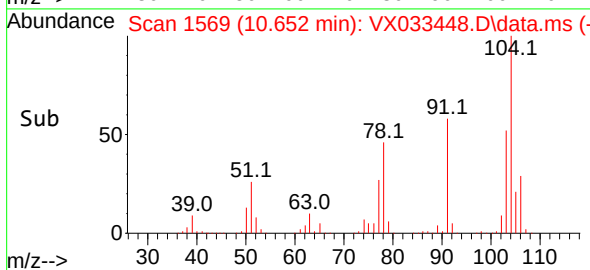
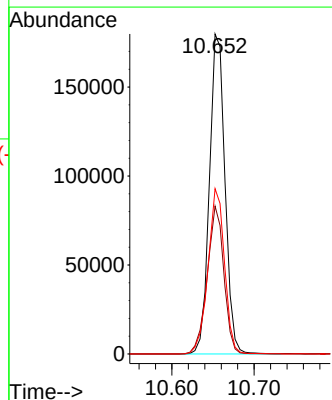
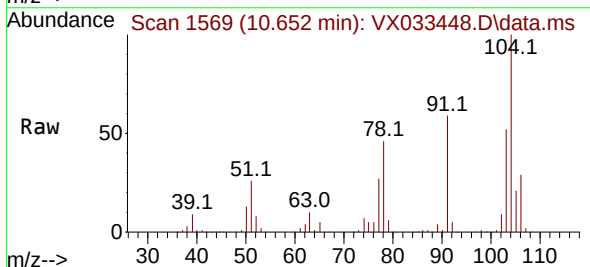
Manual Integrations  
APPROVED

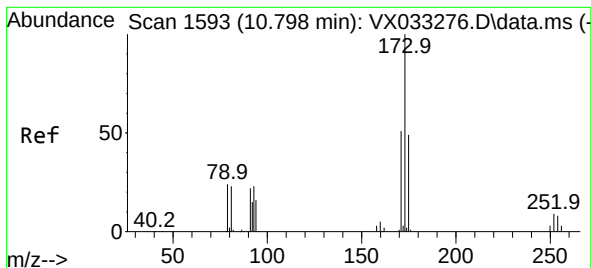
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#70  
Styrene  
Concen: 57.399 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion:104 Resp: 236901  
Ion Ratio Lower Upper  
104 100  
78 49.4 41.8 62.8  
103 54.7 44.5 66.7





#71

Bromoform

Concen: 54.166 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

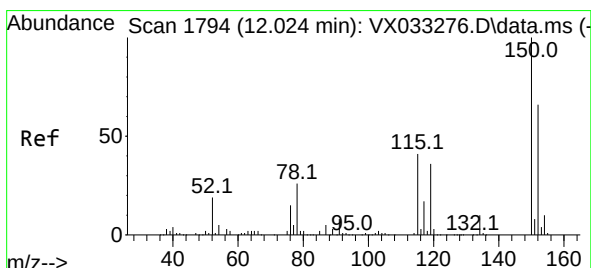
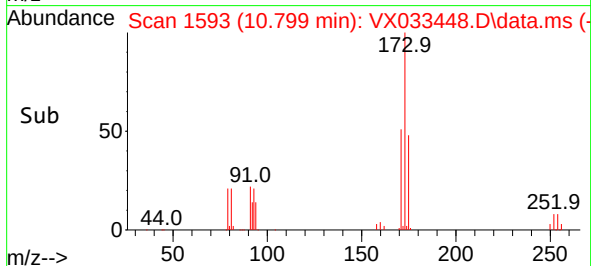
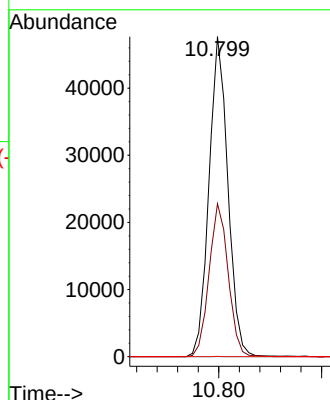
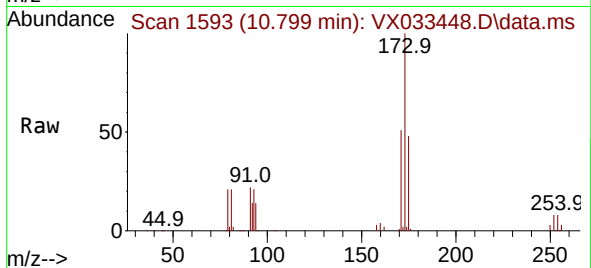
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 60944     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.3  | 23.9 71.8 |
| 254         | 0.0   | 0.0 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

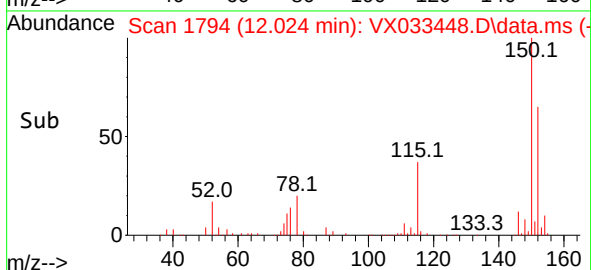
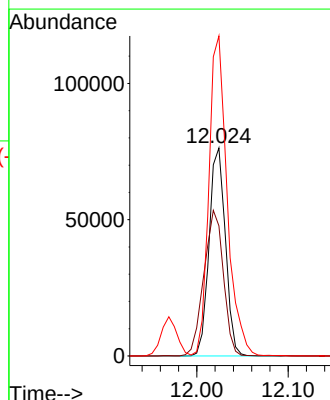
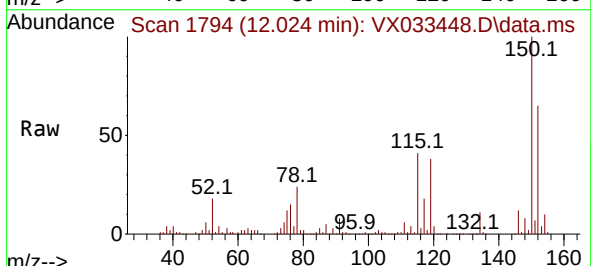
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

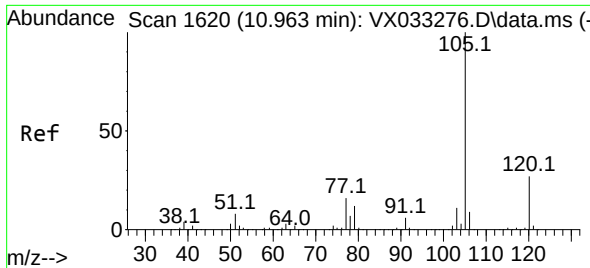
Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 94448      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 84.0  | 44.0 132.0 |
| 150         | 172.6 | 0.0 351.8  |

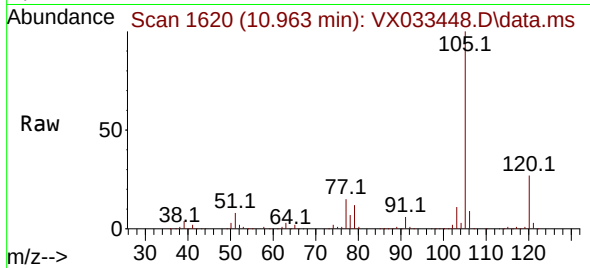






#73  
Isopropylbenzene  
Concen: 54.500 ug/l  
RT: 10.963 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

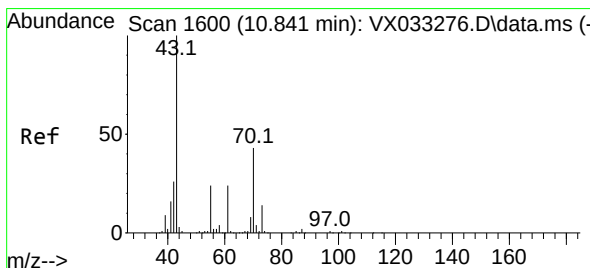
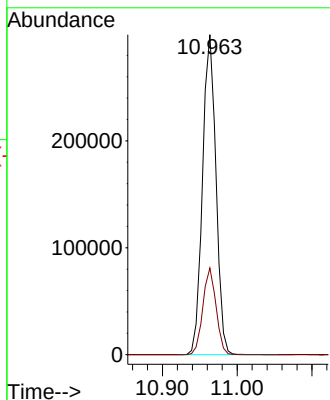
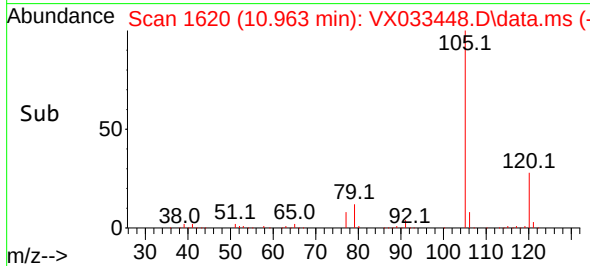
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



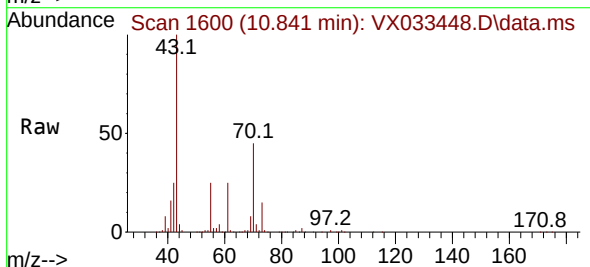
Tgt Ion:105 Resp: 37309  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.1 39.3

Manual Integrations  
APPROVED

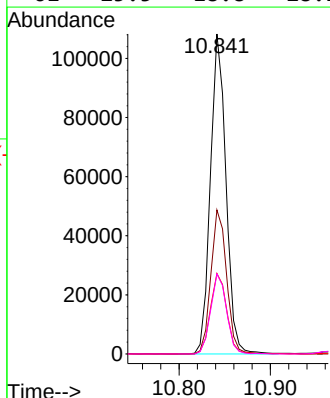
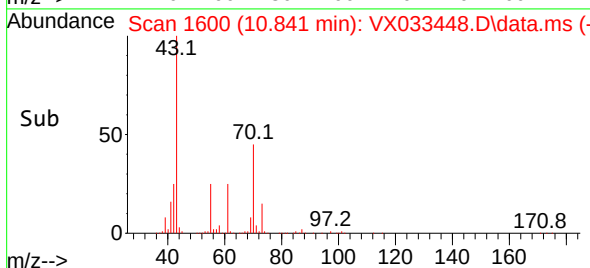
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

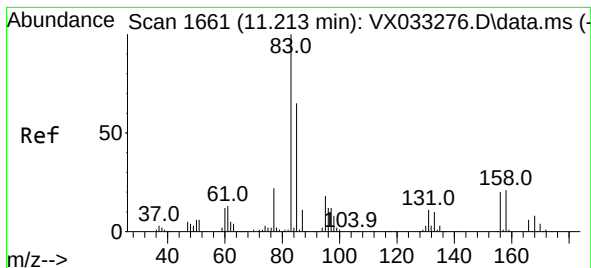


#74  
N-ethyl acetate  
Concen: 54.746 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 43 Resp: 127865  
Ion Ratio Lower Upper  
43 100  
70 45.7 33.6 50.4  
55 26.4 19.4 29.2  
61 25.5 18.8 28.2





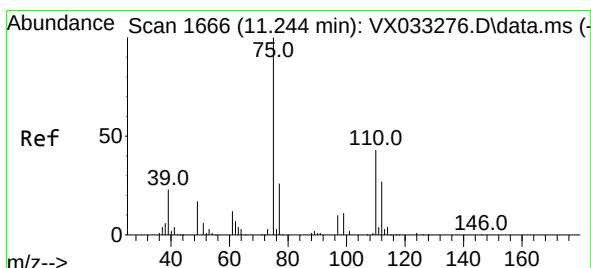
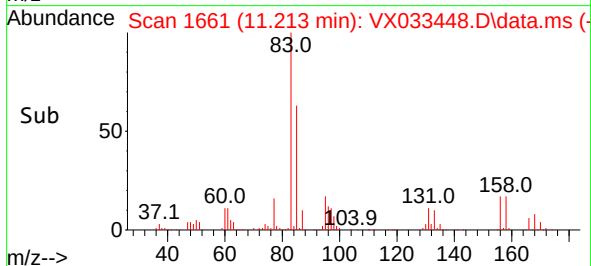
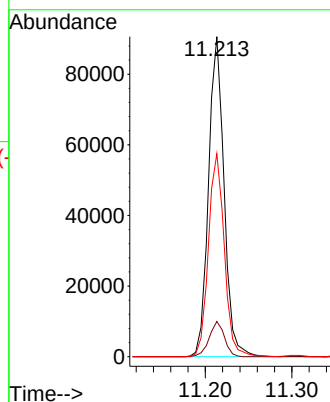
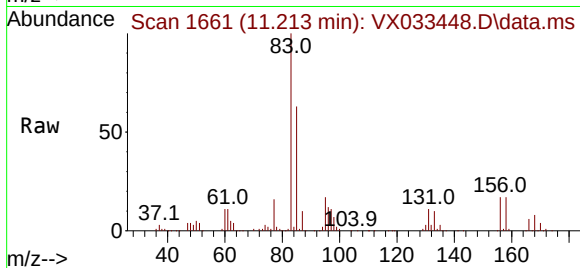
#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.955 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 112834  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.4 16.2  
85 64.9 31.9 95.9

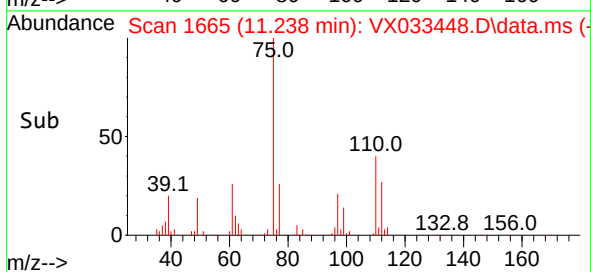
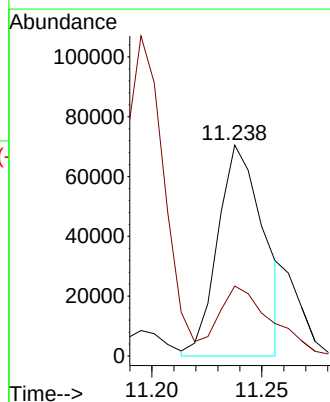
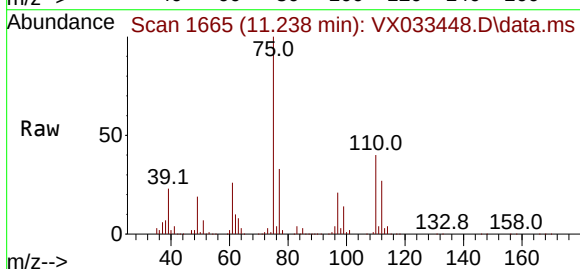
Manual Integrations  
APPROVED

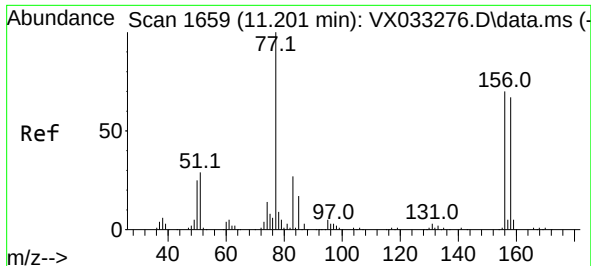
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#76  
1,2,3-Trichloropropane  
Concen: 52.983 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

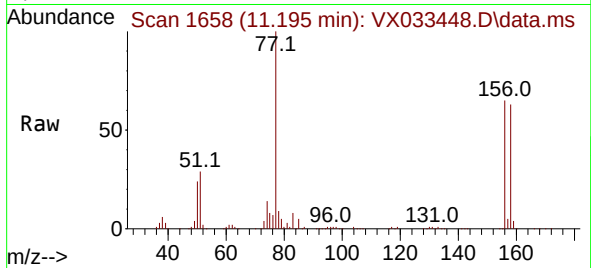
Tgt Ion: 75 Resp: 101810  
Ion Ratio Lower Upper  
75 100  
77 38.8 20.0 60.0





#77  
Bromobenzene  
Concen: 53.257 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

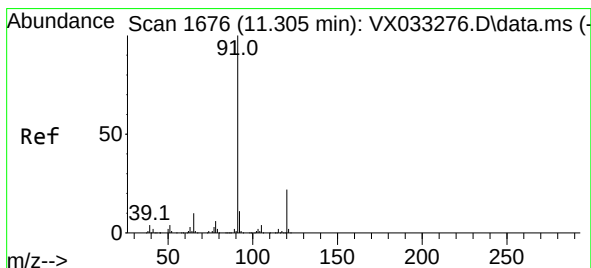
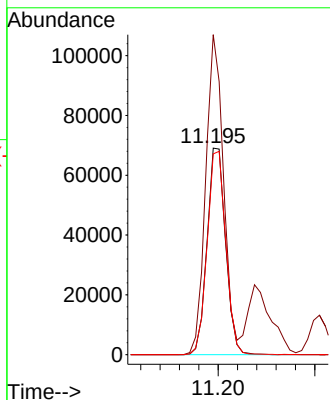
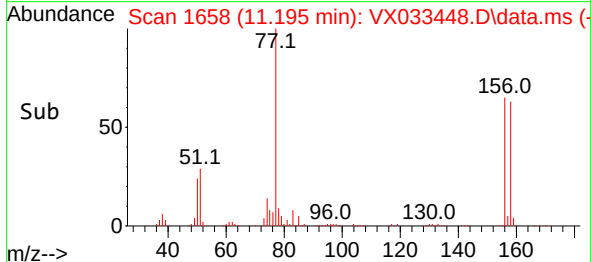
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



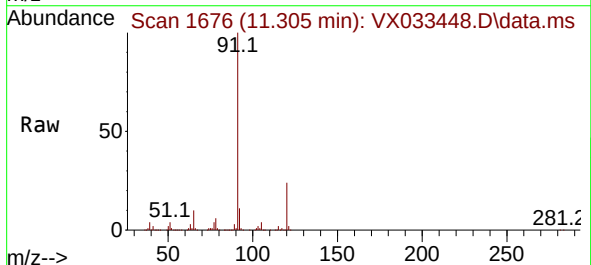
Tgt Ion:156 Resp: 92064  
Ion Ratio Lower Upper  
156 100  
77 148.3 76.1 228.4  
158 99.1 48.8 146.3

Manual Integrations  
APPROVED

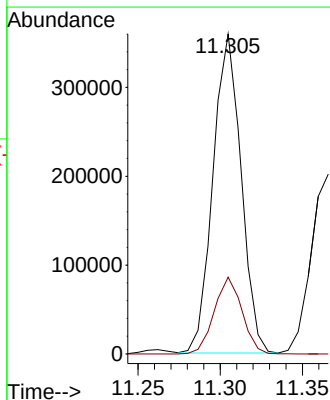
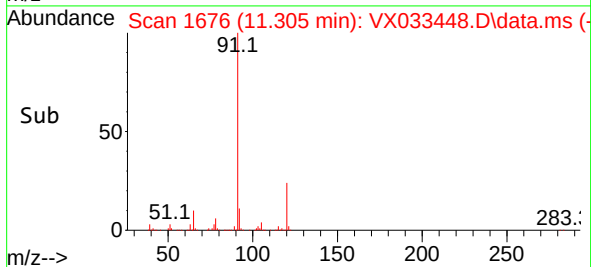
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

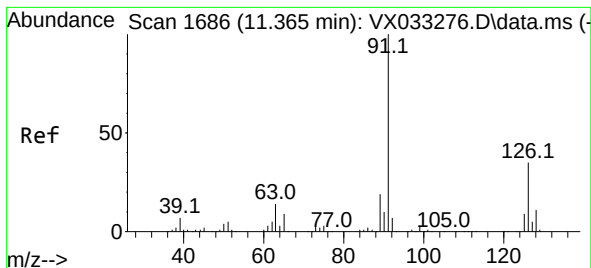


#78  
n-propylbenzene  
Concen: 55.808 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 91 Resp: 426583  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.6 34.8





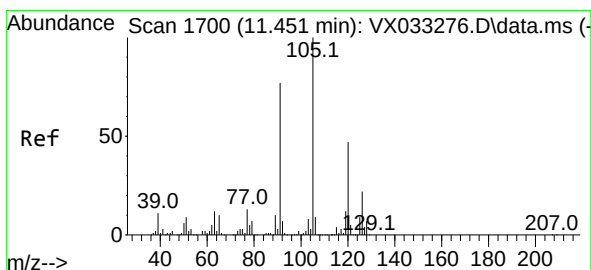
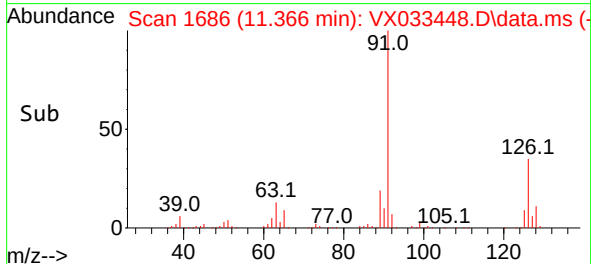
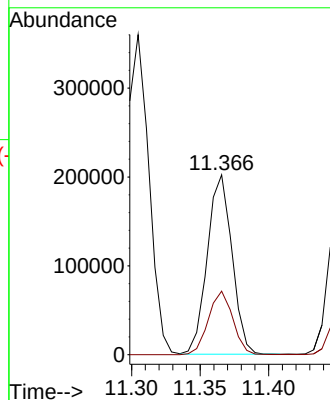
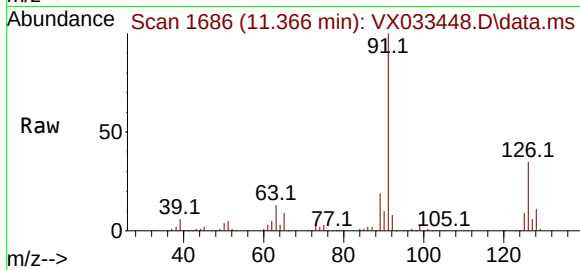
#79  
2-Chlorotoluene  
Concen: 53.586 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 253130  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.1 51.2

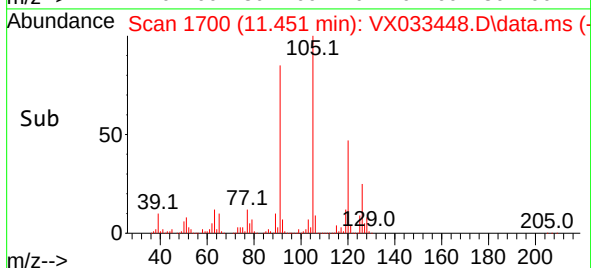
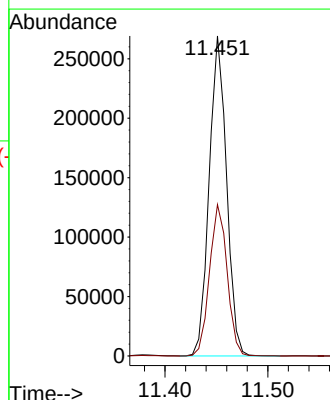
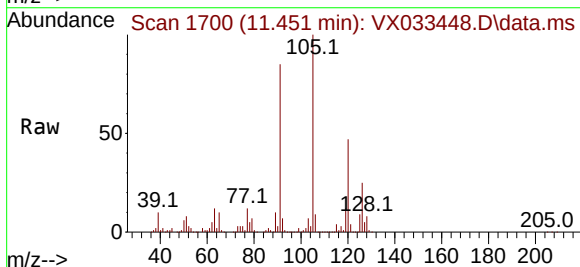
Manual Integrations  
APPROVED

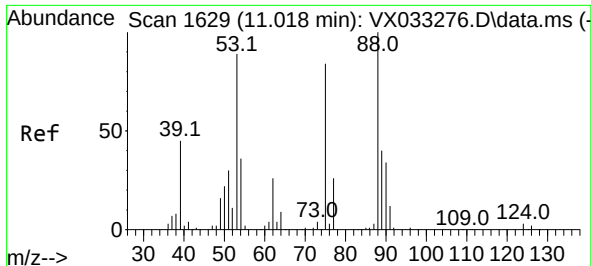
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 55.415 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Tgt Ion:105 Resp: 315778  
Ion Ratio Lower Upper  
105 100  
120 48.0 23.6 71.0





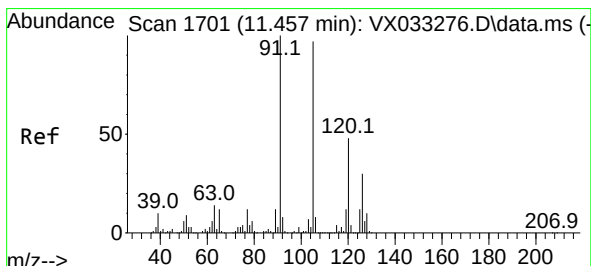
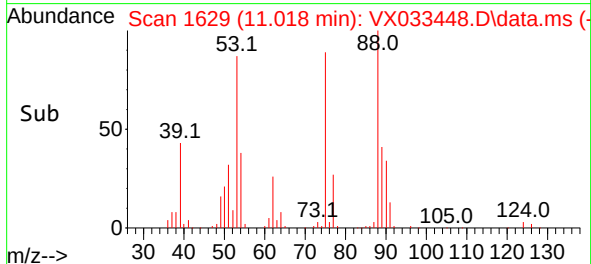
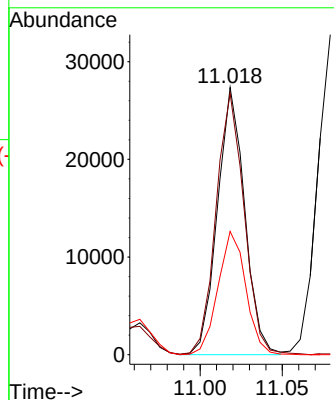
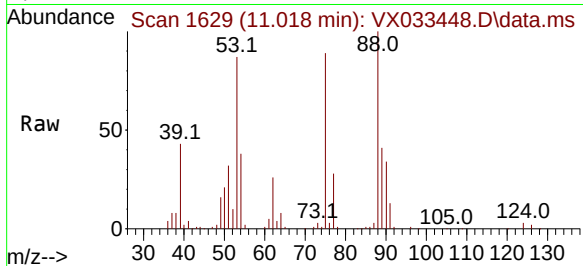
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.005 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 3150  
Ion Ratio Lower Upper  
75 100  
53 100.9 86.9 130.3  
89 47.2 38.3 57.5

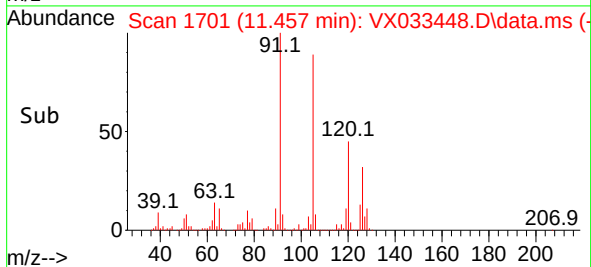
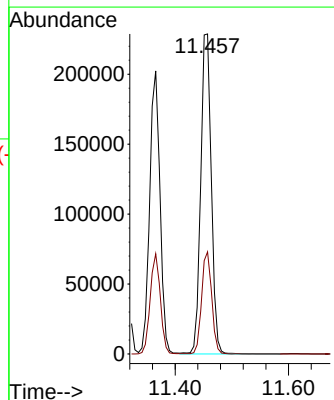
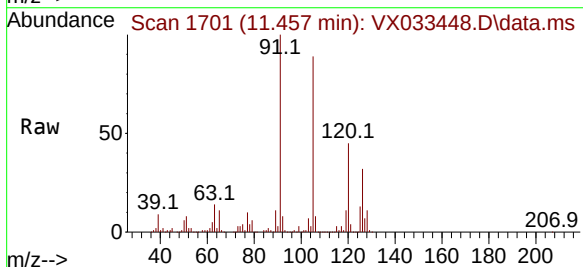
Manual Integrations  
APPROVED

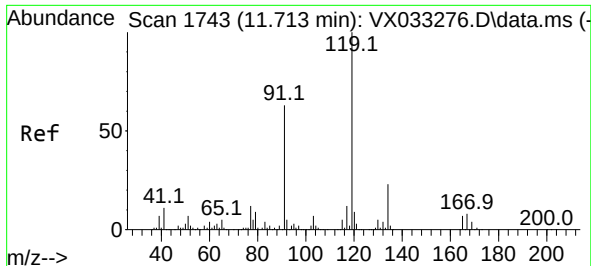
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#82  
4-Chlorotoluene  
Concen: 53.934 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

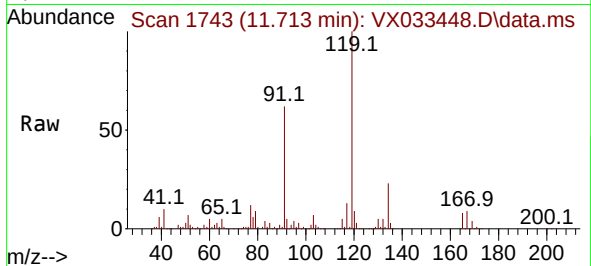
Tgt Ion: 91 Resp: 296262  
Ion Ratio Lower Upper  
91 100  
126 30.5 14.8 44.4





#83  
tert-Butylbenzene  
Concen: 55.446 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

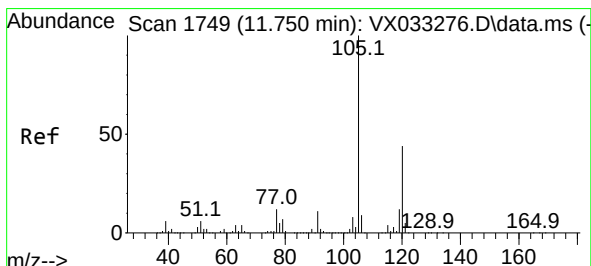
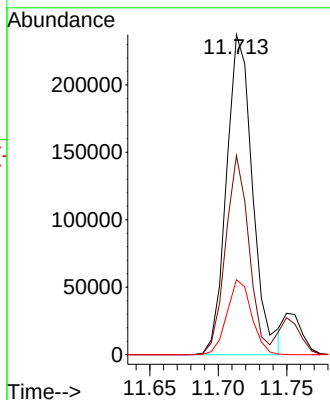
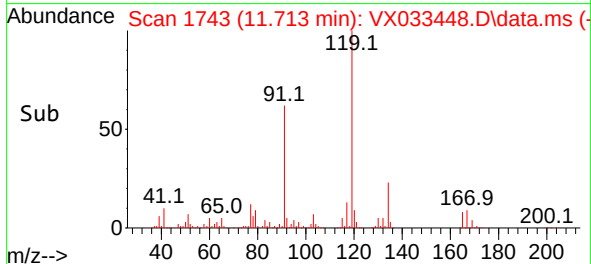
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



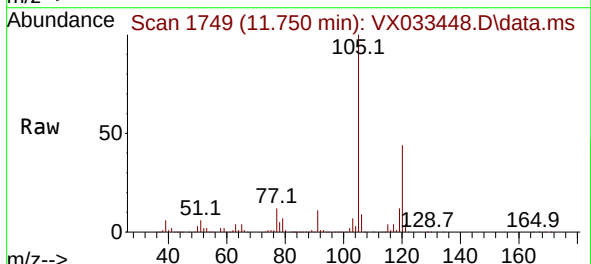
Tgt Ion:119 Resp: 315064  
Ion Ratio Lower Upper  
119 100  
91 56.0 29.4 88.2  
134 22.1 11.0 33.0

Manual Integrations  
APPROVED

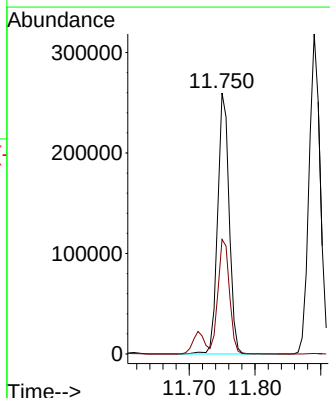
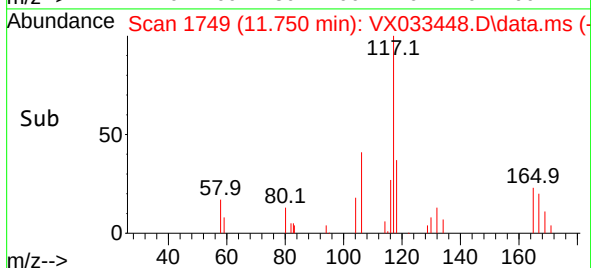
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

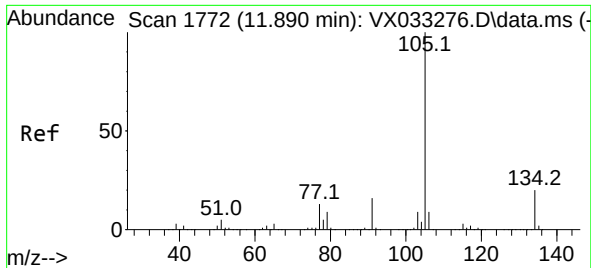


#84  
1,2,4-Trimethylbenzene  
Concen: 55.318 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



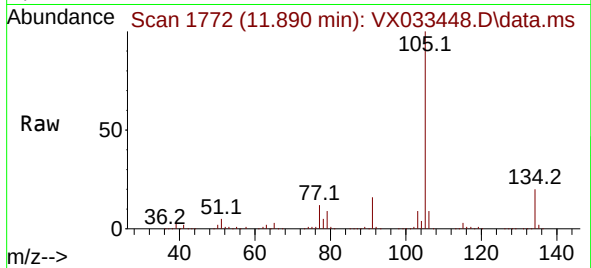
Tgt Ion:105 Resp: 314655  
Ion Ratio Lower Upper  
105 100  
120 43.9 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 56.636 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31

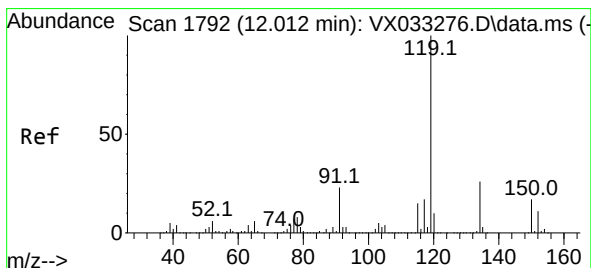
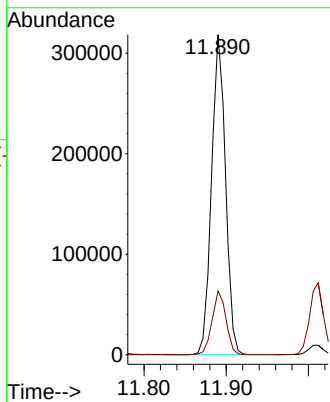
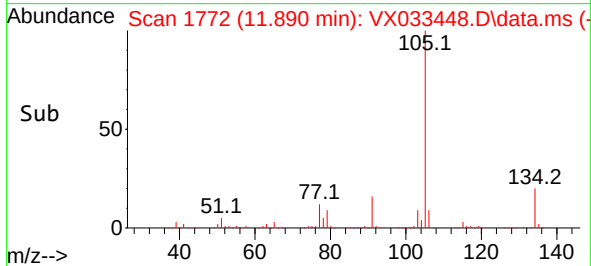
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



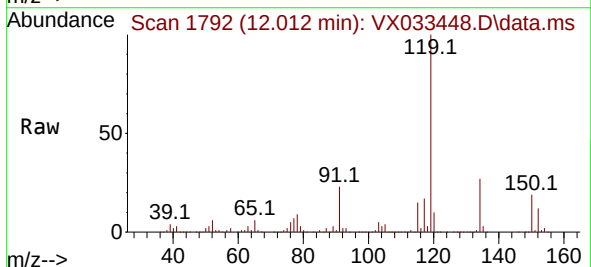
Tgt Ion:105 Resp: 375489  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.9 29.7

Manual Integrations  
 APPROVED

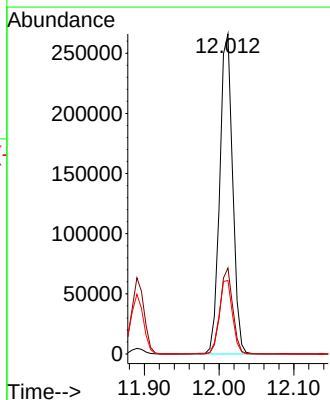
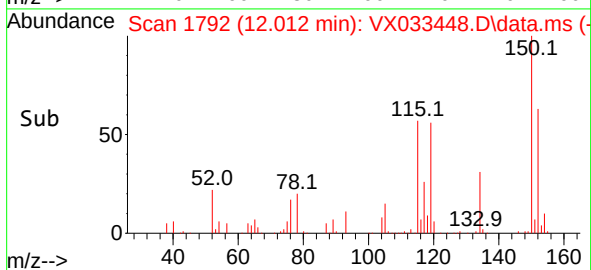
Reviewed By :John Carlone 12/16/2022  
 Supervised By :Mahesh Dadoda 12/16/2022

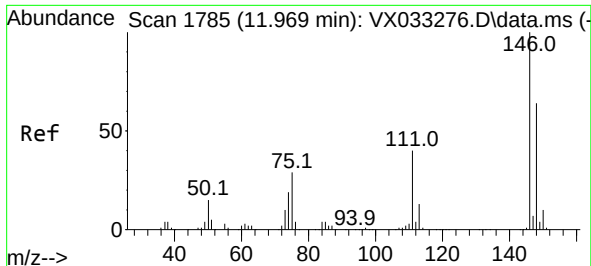


#86  
 p-Isopropyltoluene  
 Concen: 56.065 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX033448.D  
 Acq: 15 Dec 2022 17:31



Tgt Ion:119 Resp: 320461  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 23.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 54.491 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 17063

Ion Ratio Lower Upper

146 100

111 39.8 20.6 61.8

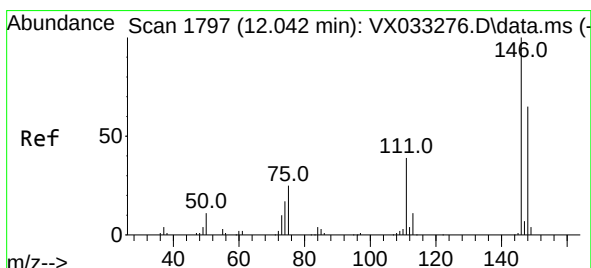
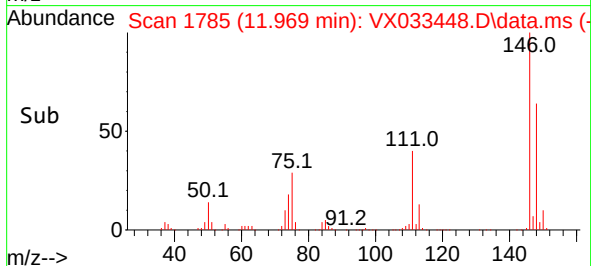
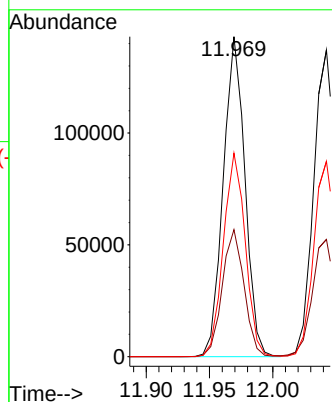
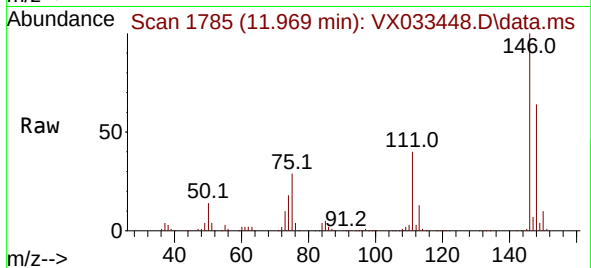
148 64.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#88

1,4-Dichlorobenzene

Concen: 53.695 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

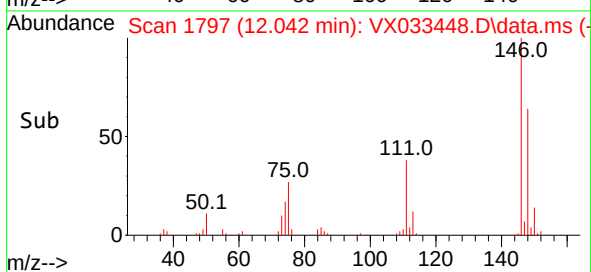
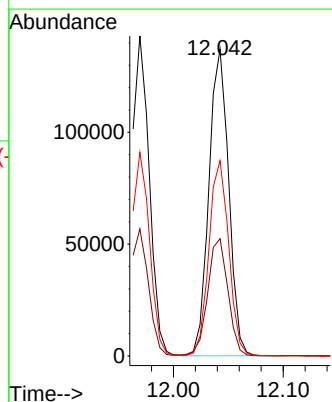
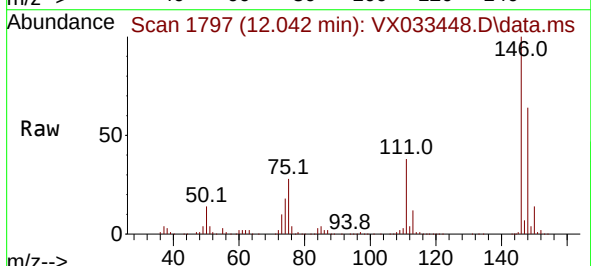
Tgt Ion:146 Resp: 171745

Ion Ratio Lower Upper

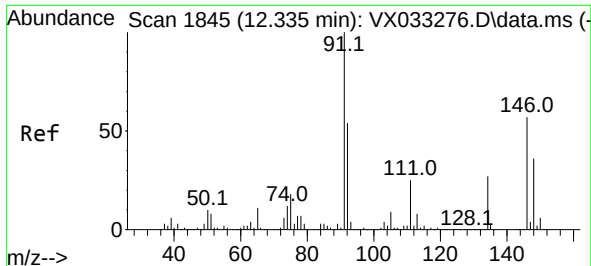
146 100

111 39.3 20.5 61.6

148 63.8 32.2 96.6







#89

n-Butylbenzene

Concen: 57.010 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 26689

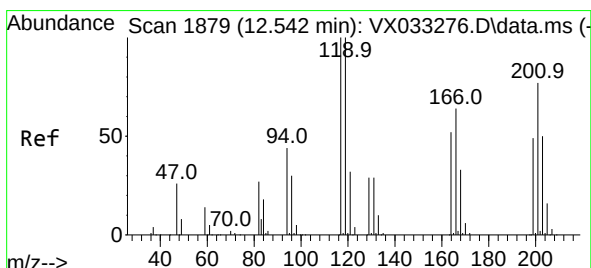
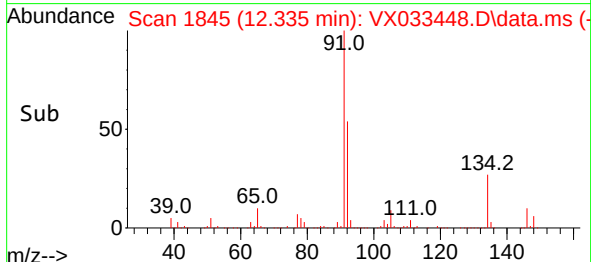
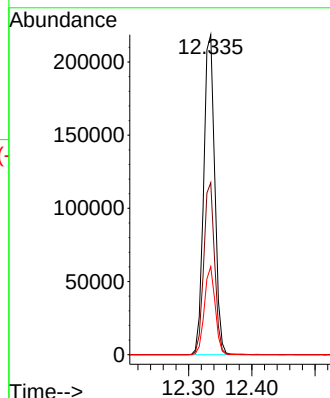
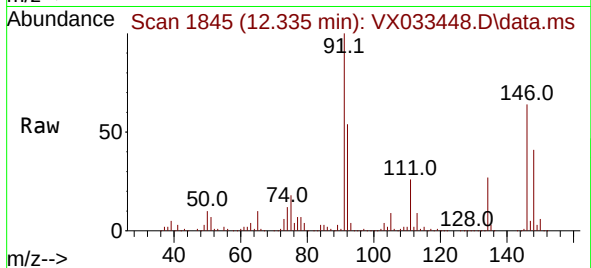
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.9  | 26.2  | 78.6  |
| 134 | 26.8  | 12.9  | 38.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2022

Supervised By :Mahesh Dadoda 12/16/2022



#90

Hexachloroethane

Concen: 53.005 ug/l

RT: 12.536 min Scan# 1878

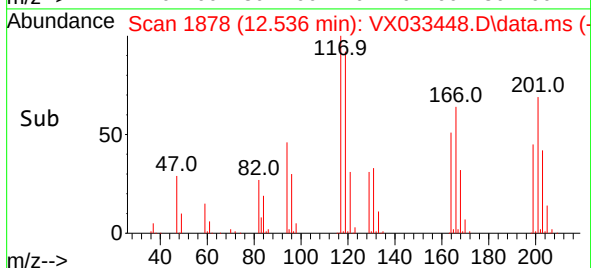
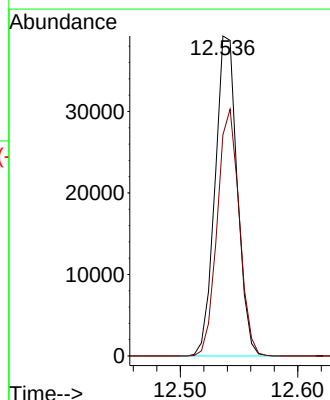
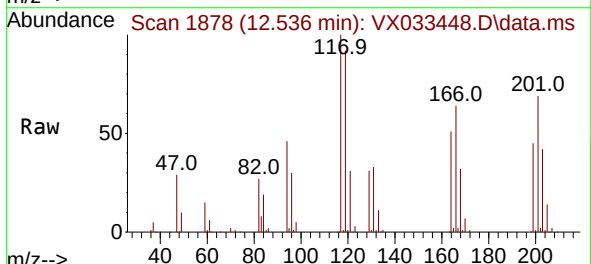
Delta R.T. -0.006 min

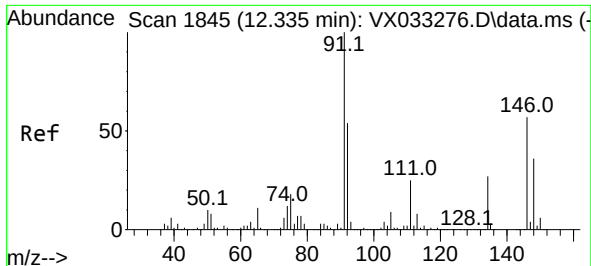
Lab File: VX033448.D

Acq: 15 Dec 2022 17:31

Tgt Ion:117 Resp: 51499

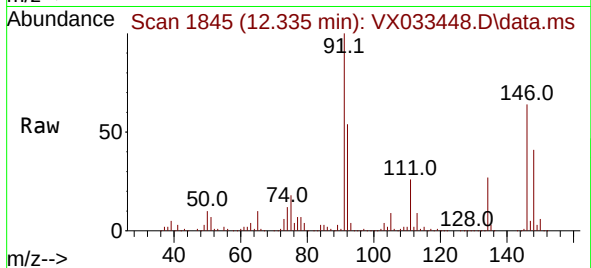
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 76.5  | 37.6  | 112.9 |





#91  
1,2-Dichlorobenzene  
Concen: 53.333 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

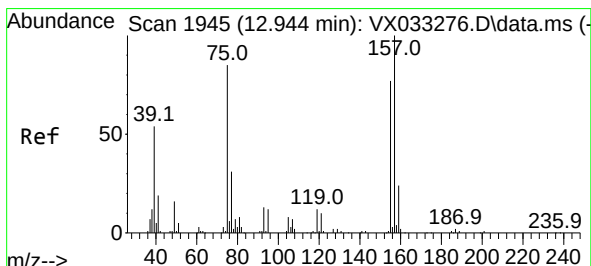
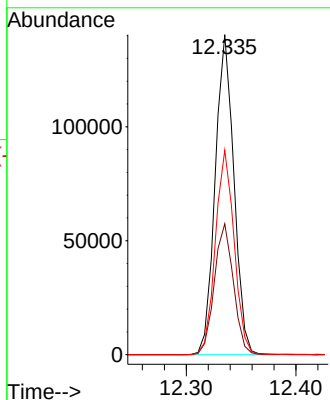
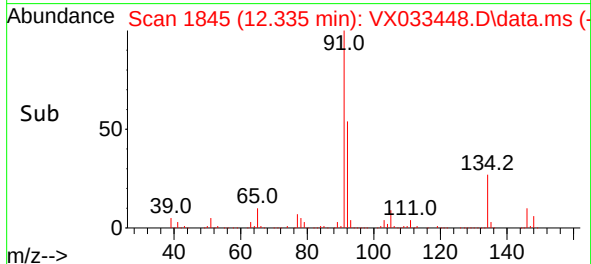
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



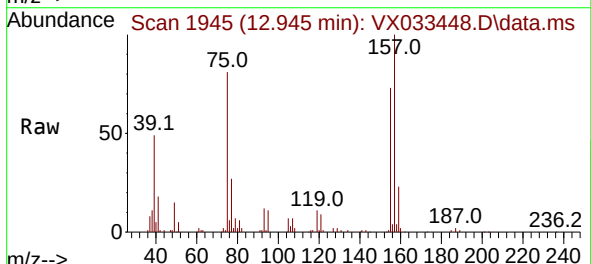
Tgt Ion:146 Resp: 166968  
Ion Ratio Lower Upper  
146 100  
111 41.7 21.5 64.5  
148 64.2 32.0 96.2

Manual Integrations  
APPROVED

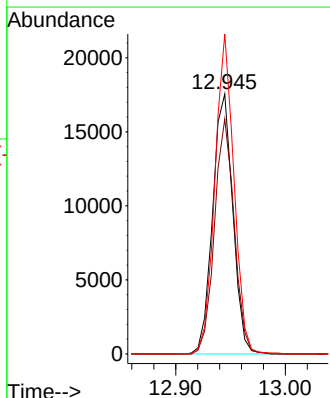
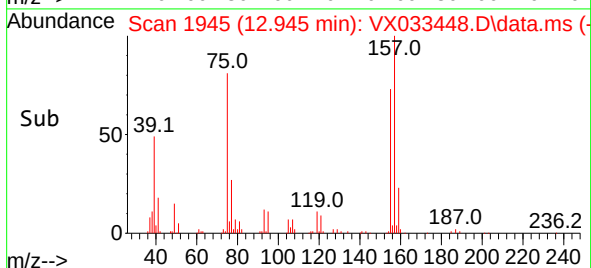
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022

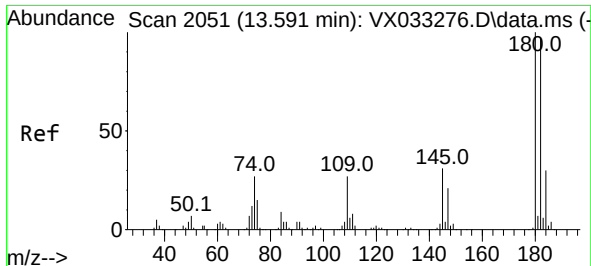


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.943 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion: 75 Resp: 22490  
Ion Ratio Lower Upper  
75 100  
155 88.3 41.6 124.8  
157 116.2 54.1 162.4





#93  
1,2,4-Trichlorobenzene  
Concen: 54.693 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

Instrument :

MSVOA\_X

ClientSampleId :

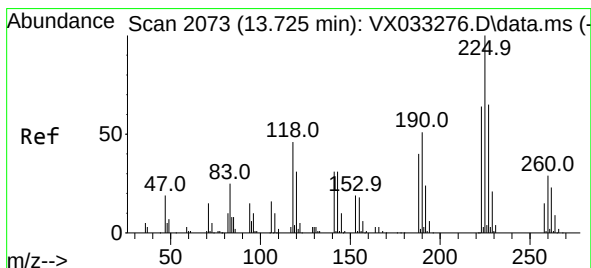
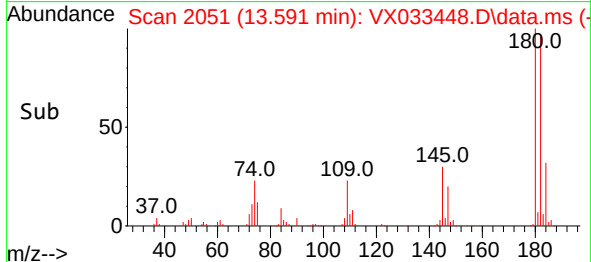
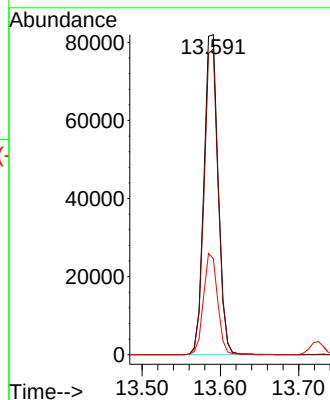
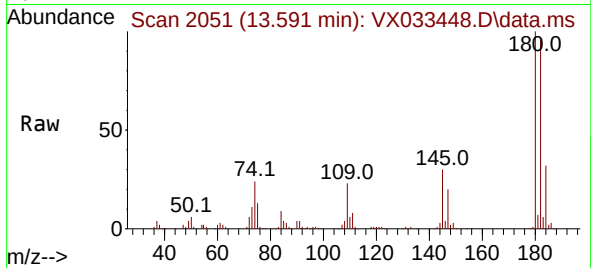
VSTDCCC050EC

Tgt Ion:180 Resp: 10341  
Ion Ratio Lower Upper  
180 100  
182 95.1 48.4 145.0  
145 31.3 16.2 48.5

Manual Integrations

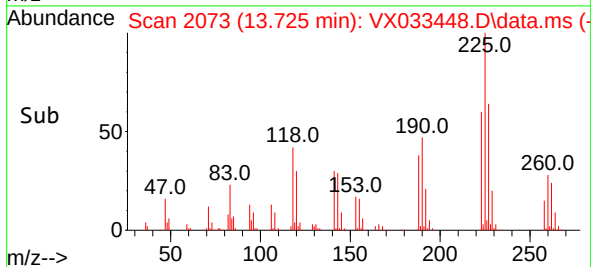
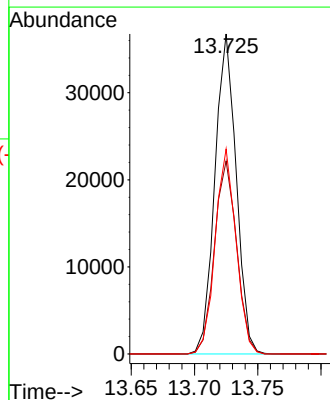
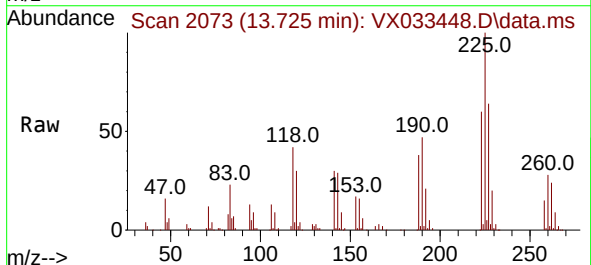
APPROVED

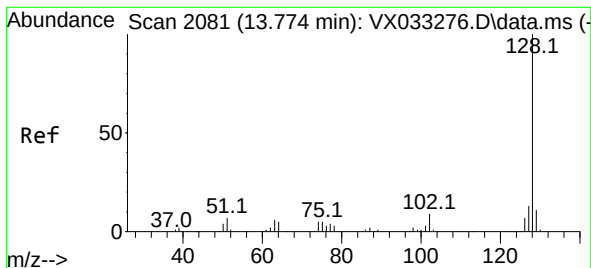
Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#94  
Hexachlorobutadiene  
Concen: 56.805 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

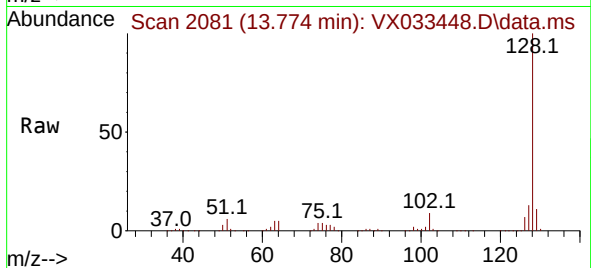
Tgt Ion:225 Resp: 43009  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.9 95.9  
227 62.7 31.9 95.5





#95  
Naphthalene  
Concen: 55.138 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31

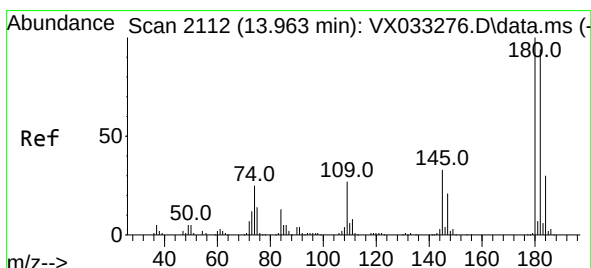
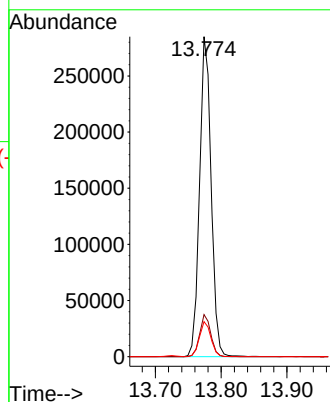
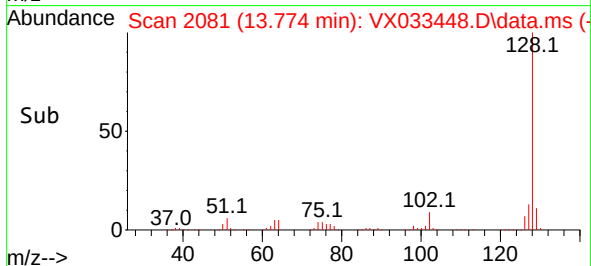
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



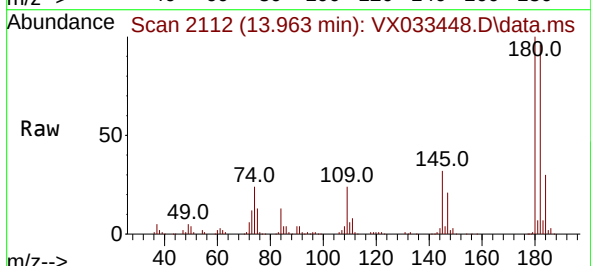
Tgt Ion:128 Resp: 347750  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.9 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/16/2022  
Supervised By :Mahesh Dadoda 12/16/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 54.622 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX033448.D  
Acq: 15 Dec 2022 17:31



Tgt Ion:180 Resp: 104599  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.5 142.6  
145 33.1 16.9 50.6

