

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012725\  
 Data File : VX044711.D  
 Acq On : 27 Jan 2025 10:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 28 04:06:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011525W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 16 01:16:09 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2025  
 Supervised By : Mahesh Dadoda 01/28/2025

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.537  | 168  | 172369   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 318376   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 277935   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 123095   | 50.000 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 5.946  | 65    | 123157   | 47.336   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 74 - 125 | Recovery | =    | 94.680%  |
| 35) Dibromofluoromethane  | 5.373  | 113   | 100788   | 49.831   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 99.660%  |
| 50) Toluene-d8            | 8.641  | 98    | 355984   | 50.477   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 86 - 113 | Recovery | =    | 100.960% |
| 62) 4-Bromofluorobenzene  | 11.079 | 95    | 134456   | 51.142   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 77 - 121 | Recovery | =    | 102.280% |

#### Target Compounds

|                              |       |     |         |         |      | Qvalue |
|------------------------------|-------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 111623  | 48.124  | ug/l | 97     |
| 3) Chloromethane             | 1.294 | 50  | 133778  | 53.335  | ug/l | 100    |
| 4) Vinyl Chloride            | 1.374 | 62  | 129310  | 52.177  | ug/l | 100    |
| 5) Bromomethane              | 1.593 | 94  | 31277   | 52.854  | ug/l | 97     |
| 6) Chloroethane              | 1.660 | 64  | 30670m  | 67.485  | ug/l |        |
| 7) Trichlorofluoromethane    | 1.867 | 101 | 134485  | 49.099  | ug/l | 98     |
| 8) Diethyl Ether             | 2.130 | 74  | 47069   | 42.582  | ug/l | 94     |
| 9) 1,1,2-Trichlorotrifluo... | 2.319 | 101 | 105487  | 51.232  | ug/l | 99     |
| 10) Methyl Iodide            | 2.440 | 142 | 140845  | 50.103  | ug/l | 97     |
| 11) Tert butyl alcohol       | 2.971 | 59  | 133032m | 229.357 | ug/l |        |
| 12) 1,1-Dichloroethene       | 2.312 | 96  | 105513  | 52.279  | ug/l | 92     |
| 13) Acrolein                 | 2.233 | 56  | 148664  | 544.657 | ug/l | 99     |
| 14) Allyl chloride           | 2.654 | 41  | 200142  | 50.932  | ug/l | 97     |
| 15) Acrylonitrile            | 3.056 | 53  | 304312  | 267.495 | ug/l | 98     |
| 16) Acetone                  | 2.379 | 43  | 247835  | 240.764 | ug/l | 96     |
| 17) Carbon Disulfide         | 2.501 | 76  | 291079  | 52.854  | ug/l | 99     |
| 18) Methyl Acetate           | 2.696 | 43  | 169609  | 53.407  | ug/l | 99     |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 378923  | 51.834  | ug/l | 100    |
| 20) Methylene Chloride       | 2.782 | 84  | 126568  | 52.799  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene | 3.081 | 96  | 106458  | 50.522  | ug/l | 96     |
| 22) Diisopropyl ether        | 3.751 | 45  | 382549  | 56.003  | ug/l | 98     |
| 23) Vinyl Acetate            | 3.715 | 43  | 1630552 | 272.725 | ug/l | 100    |
| 24) 1,1-Dichloroethane       | 3.599 | 63  | 213198  | 52.632  | ug/l | 100    |
| 25) 2-Butanone               | 4.550 | 43  | 404966  | 264.600 | ug/l | 99     |
| 26) 2,2-Dichloropropane      | 4.464 | 77  | 181991  | 46.357  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene   | 4.477 | 96  | 135384  | 51.078  | ug/l | 99     |
| 28) Bromochloromethane       | 4.885 | 49  | 97603   | 51.564  | ug/l | 98     |
| 29) Tetrahydrofuran          | 4.995 | 42  | 260029  | 263.398 | ug/l | 98     |
| 30) Chloroform               | 5.080 | 83  | 207551  | 50.771  | ug/l | 96     |
| 31) Cyclohexane              | 5.452 | 56  | 176773  | 53.957  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane    | 5.367 | 97  | 170957  | 45.490  | ug/l | 99     |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 137792  | 48.940  | ug/l | 99     |
| 37) Ethyl Acetate            | 4.702 | 43  | 160916  | 53.669  | ug/l | 99     |
| 38) Carbon Tetrachloride     | 5.665 | 117 | 144163  | 45.521  | ug/l | 98     |
| 39) Methylcyclohexane        | 7.372 | 83  | 191285  | 51.179  | ug/l | 98     |
| 40) Benzene                  | 6.025 | 78  | 452521  | 51.868  | ug/l | 98     |

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 Acq On : 27 Jan 2025 10:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 28 04:06:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011525W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 16 01:16:09 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/28/2025  
 Supervised By : Mahesh Dadoda 01/28/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.910  | 41   | 91356    | 52.289  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 155155   | 48.725  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.330  | 43   | 284981   | 51.667  | ug/l   | 100      |
| 44) Trichloroethene           | 7.116  | 130  | 105738   | 50.413  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.421  | 63   | 116931   | 53.245  | ug/l   | 98       |
| 46) Dibromomethane            | 7.574  | 93   | 83999    | 50.244  | ug/l   | 100      |
| 47) Bromodichloromethane      | 7.811  | 83   | 170245   | 49.656  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.683  | 41   | 137818   | 53.829  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 52981    | 991.841 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.567  | 43   | 805406   | 264.229 | ug/l   | 100      |
| 52) Toluene                   | 8.714  | 92   | 275176   | 51.531  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.970  | 75   | 185440   | 52.351  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.360  | 75   | 196861   | 51.254  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.147  | 97   | 111881   | 51.785  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.110  | 69   | 196250   | 52.829  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 193983   | 52.726  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.232  | 63   | 450749   | 247.155 | ug/l   | 98       |
| 59) 2-Hexanone                | 9.427  | 43   | 578675   | 258.046 | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 130942   | 51.638  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.604  | 107  | 116099   | 51.277  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.268  | 164  | 84859    | 48.623  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.073 | 112  | 301484   | 51.069  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 104268   | 48.599  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 520975   | 50.576  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 390083   | 102.049 | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 193241   | 49.989  | ug/l   | 99       |
| 70) Styrene                   | 10.652 | 104  | 331210   | 53.068  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 86906    | 49.769  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.957 | 105  | 480397   | 47.772  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 240430   | 48.507  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 169562   | 48.822  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 142785m  | 47.797  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 116886   | 49.729  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.299 | 91   | 562742   | 50.743  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 348599   | 48.661  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 402748   | 49.198  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 64582    | 49.439  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 396992   | 50.588  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 402232   | 46.992  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 404571   | 48.633  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 491434   | 49.309  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 404929   | 49.439  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 212027   | 52.016  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.036 | 146  | 211171   | 51.247  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 370043   | 52.602  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 85234    | 45.956  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 205003   | 48.972  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 34674    | 40.823  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 132044   | 52.765  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 48609    | 49.450  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 484495   | 50.197  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 133922   | 51.628  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012725\  
Data File : VX044711.D  
Acq On : 27 Jan 2025 10:08  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

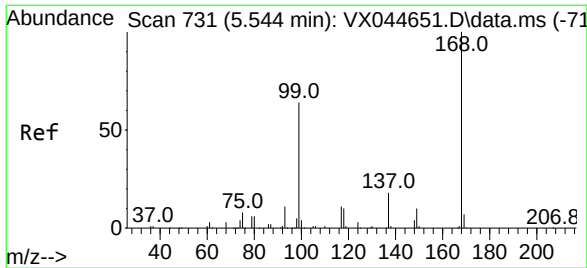
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

Quant Time: Jan 28 04:06:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011525W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 16 01:16:09 2025  
Response via : Initial Calibration

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

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





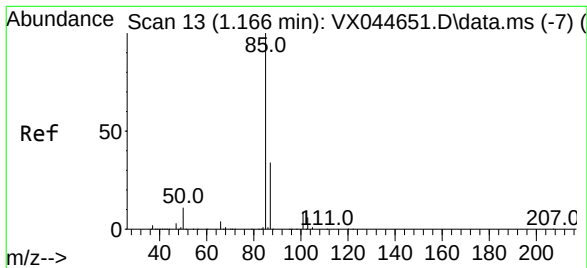
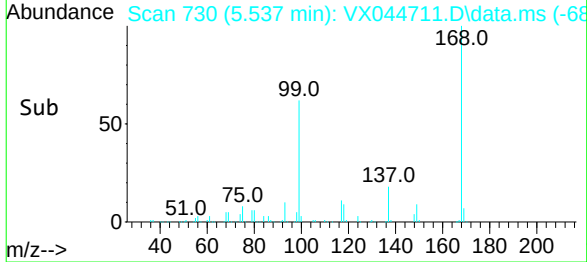
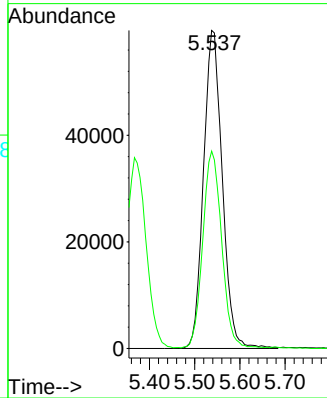
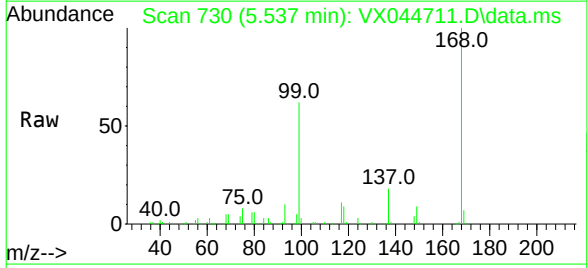
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.537 min Scan# 731  
Delta R.T. -0.007 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 168 Resp: 172369  
Ion Ratio Lower Upper  
168 100  
99 61.8 51.1 76.7

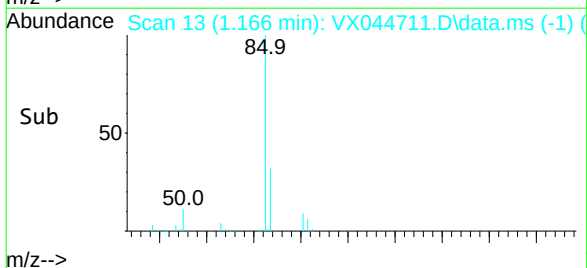
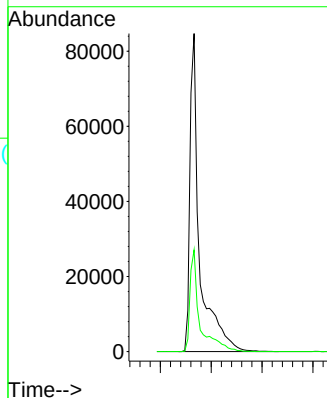
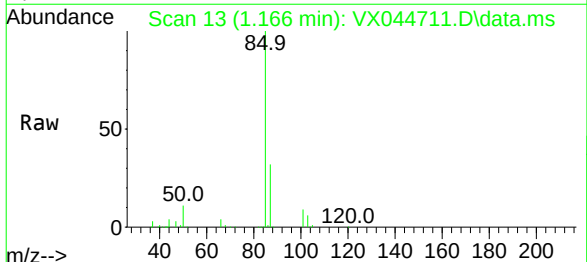
Manual Integrations  
APPROVED

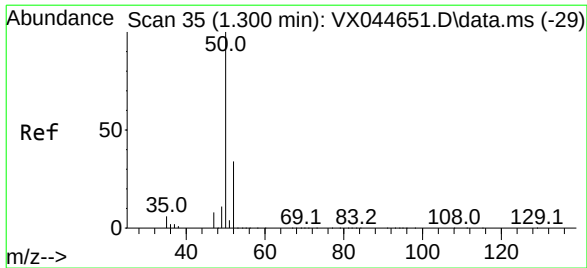
Reviewed By : John Carlone 01/28/2025  
Supervised By : Mahesh Dadoda 01/28/2025



#2  
Dichlorodifluoromethane  
Concen: 48.124 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 85 Resp: 111623  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.8 50.4





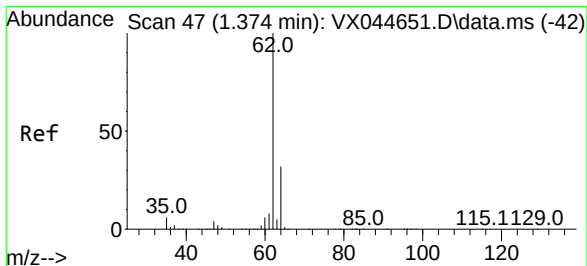
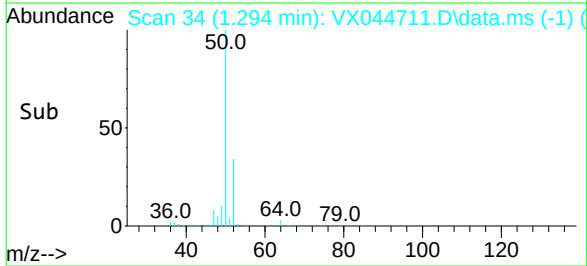
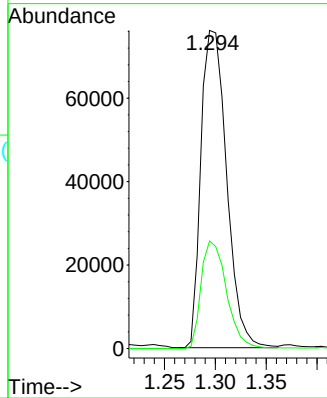
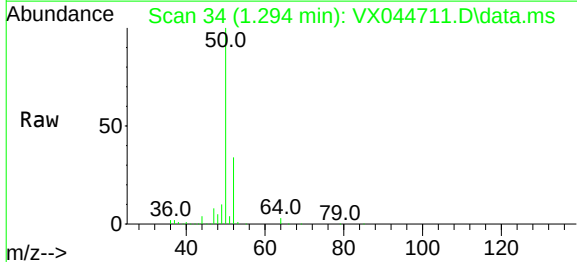
#3  
Chloromethane  
Concen: 53.335 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 50 Resp: 133778  
Ion Ratio Lower Upper  
50 100  
52 33.9 27.0 40.4

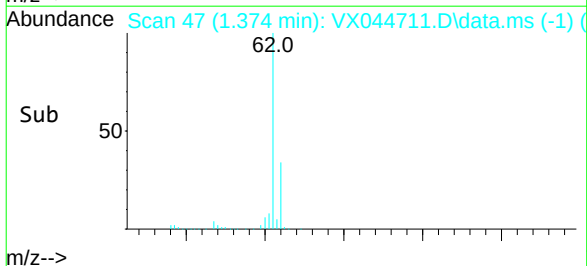
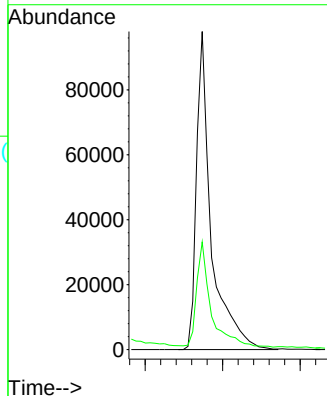
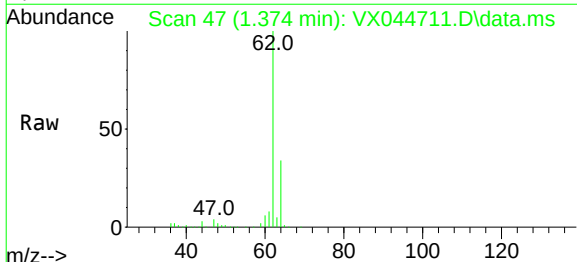
Manual Integrations  
APPROVED

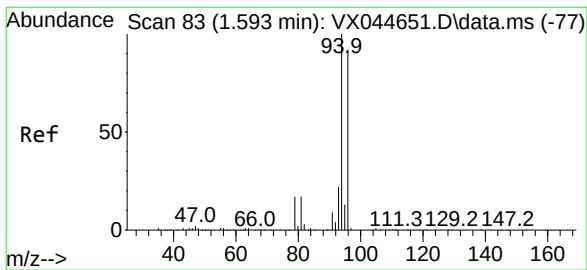
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#4  
Vinyl Chloride  
Concen: 52.177 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 62 Resp: 129310  
Ion Ratio Lower Upper  
62 100  
64 32.9 26.6 39.8





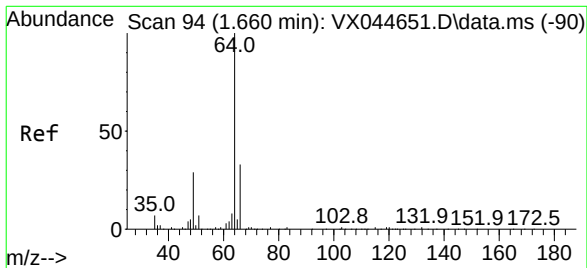
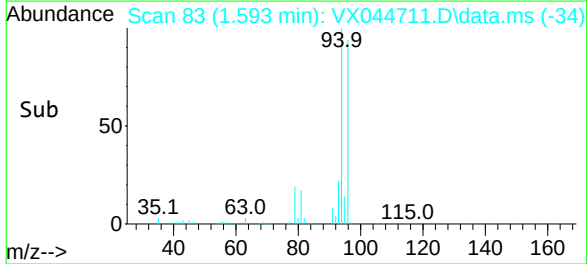
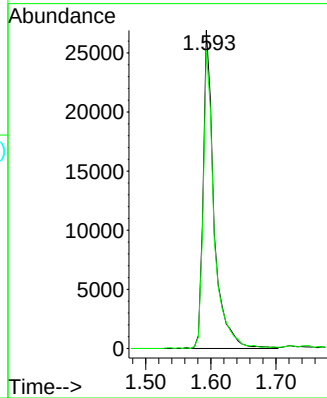
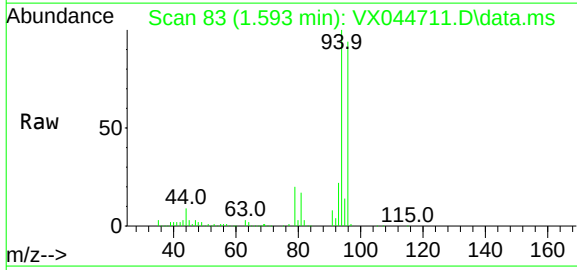
#5  
Bromomethane  
Concen: 52.854 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 94 Resp: 31277  
Ion Ratio Lower Upper  
94 100  
96 93.5 72.8 109.2

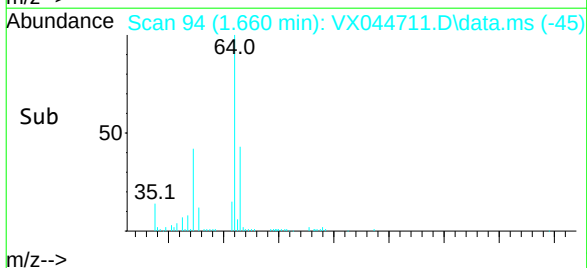
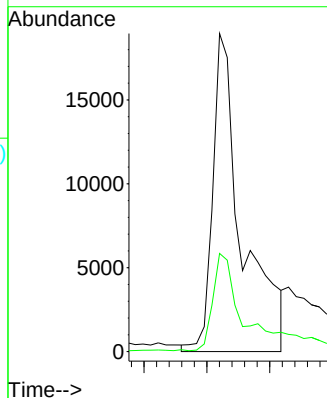
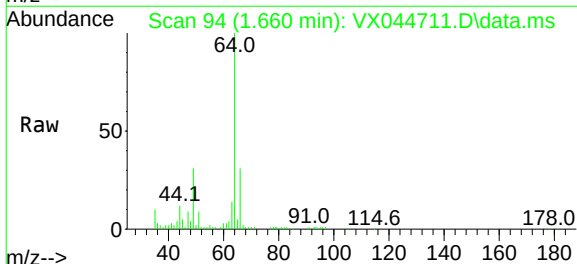
Manual Integrations  
APPROVED

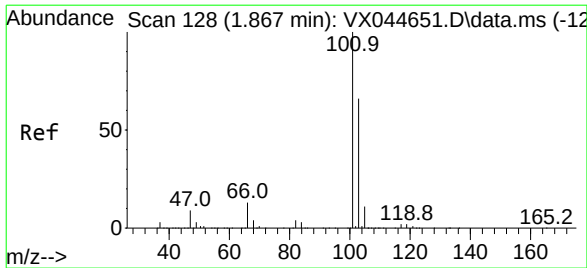
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#6  
Chloroethane  
Concen: 67.485 ug/l m  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

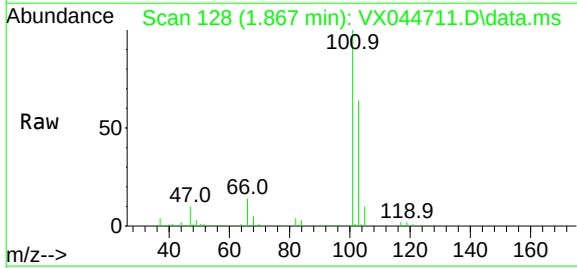
Tgt Ion: 64 Resp: 30670  
Ion Ratio Lower Upper  
64 100  
66 30.9 26.6 39.8





#7  
 Trichlorofluoromethane  
 Concen: 49.099 ug/l  
 RT: 1.867 min Scan# 128  
 Delta R.T. -0.000 min  
 Lab File: VX044711.D  
 Acq: 27 Jan 2025 10:08

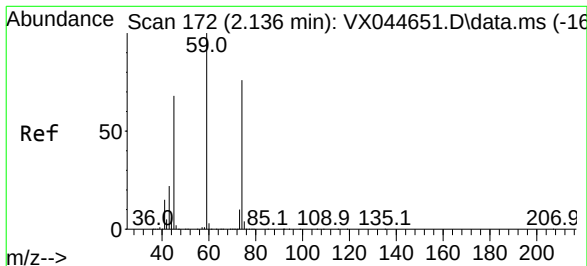
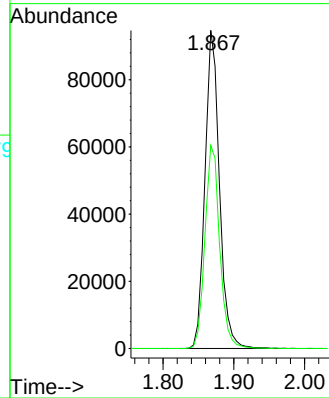
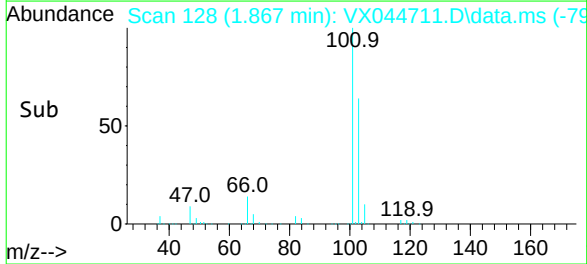
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050



Tgt Ion:101 Resp: 134485  
 Ion Ratio Lower Upper  
 101 100  
 103 63.8 52.5 78.7

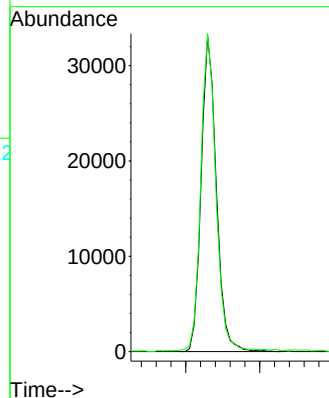
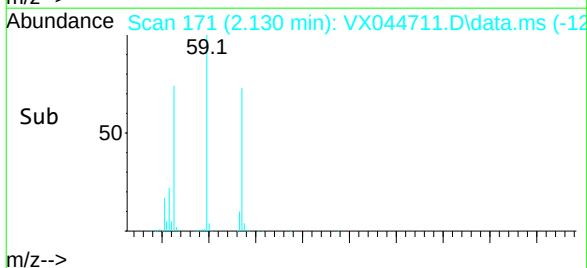
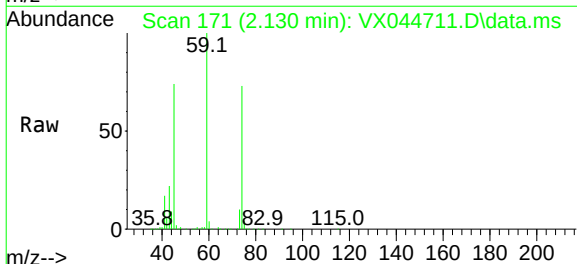
Manual Integrations  
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Reviewed By :John Carlone 01/28/2025  
 Supervised By :Mahesh Dadoda 01/28/2025

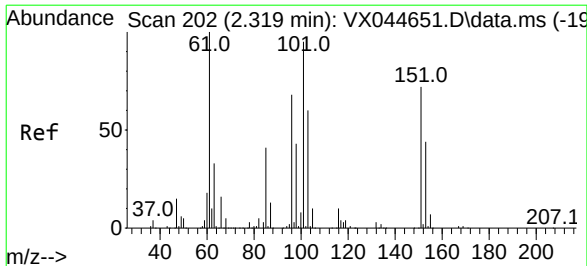


#8  
 Diethyl Ether  
 Concen: 42.582 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX044711.D  
 Acq: 27 Jan 2025 10:08

Tgt Ion: 74 Resp: 47069  
 Ion Ratio Lower Upper  
 74 100  
 45 100.0 47.1 141.3

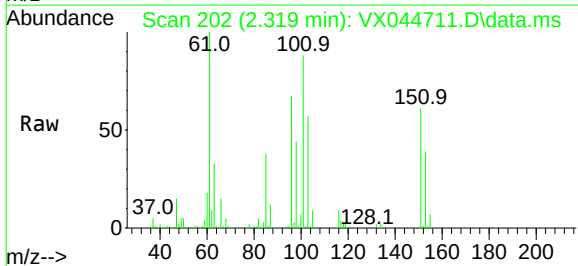






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.232 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

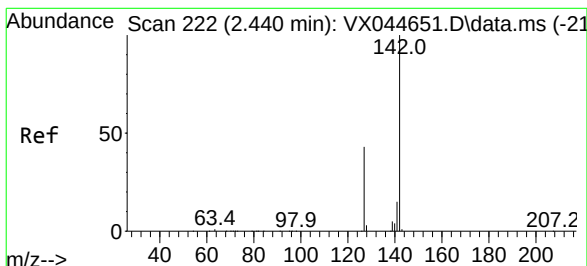
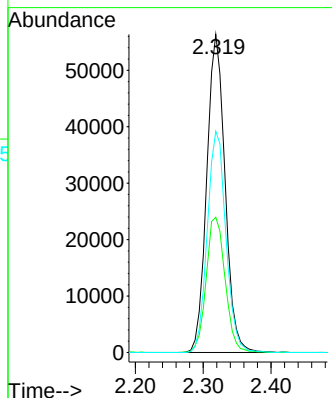
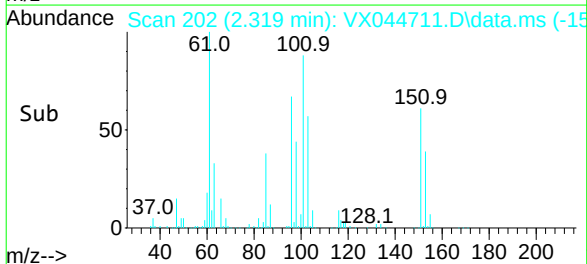
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion:101 Resp: 105487  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.3 52.9  
151 70.9 58.2 87.4

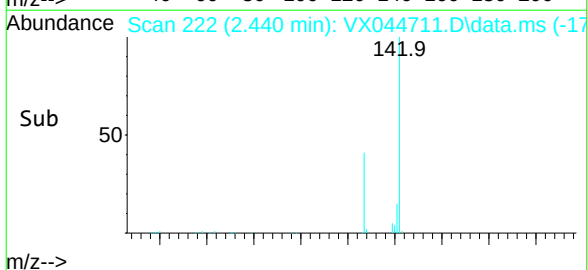
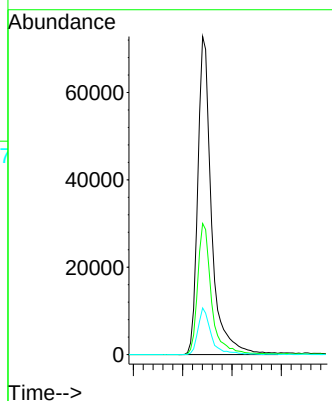
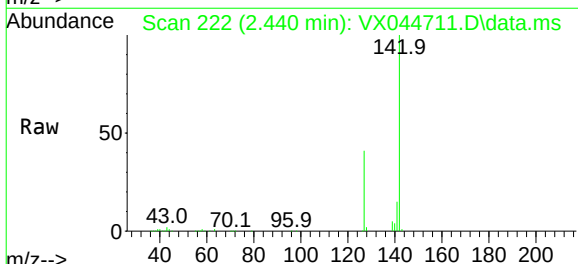
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APPROVED

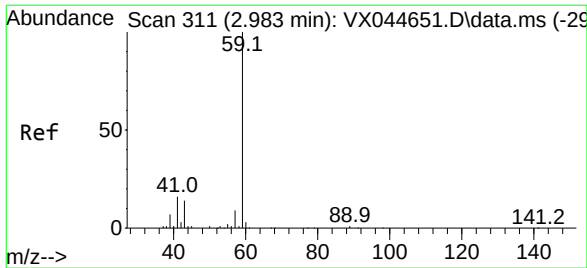
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#10  
Methyl Iodide  
Concen: 50.103 ug/l  
RT: 2.440 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:142 Resp: 140845  
Ion Ratio Lower Upper  
142 100  
127 41.6 35.0 52.4  
141 14.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 229.357 ug/l m

RT: 2.971 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 133032

Ion Ratio Lower Upper

59 100

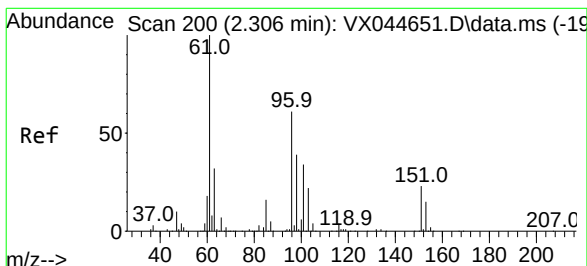
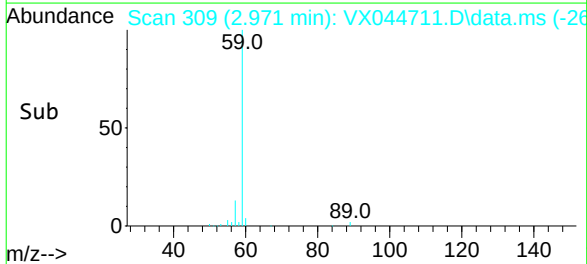
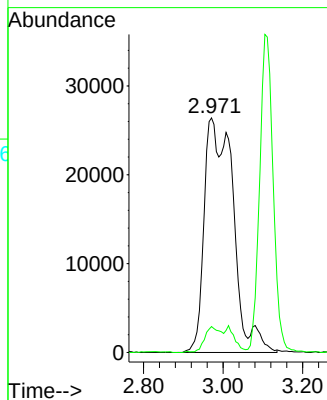
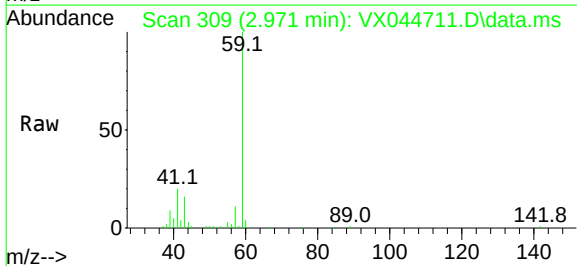
57 6.1 3.9 5.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#12

1,1-Dichloroethene

Concen: 52.279 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

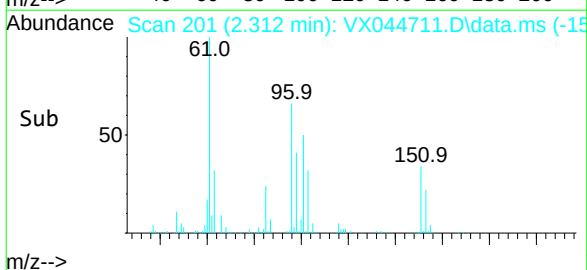
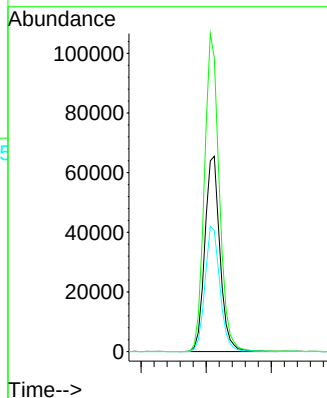
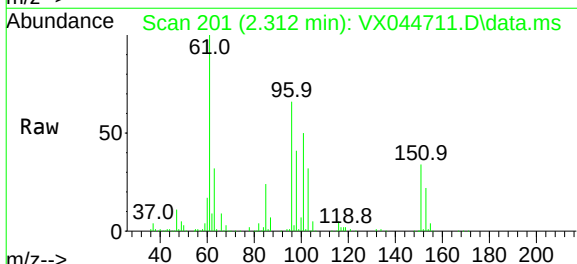
Tgt Ion: 96 Resp: 105513

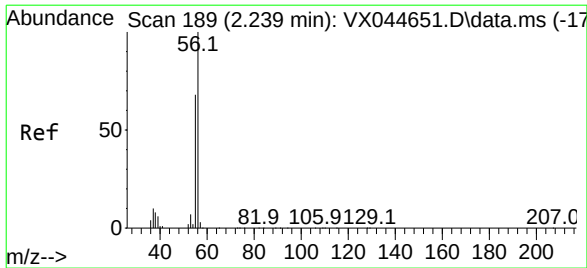
Ion Ratio Lower Upper

96 100

61 150.4 131.1 196.7

98 62.0 51.2 76.8





#13

Acrolein

Concen: 544.657 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 148664

Ion Ratio Lower Upper

56 100

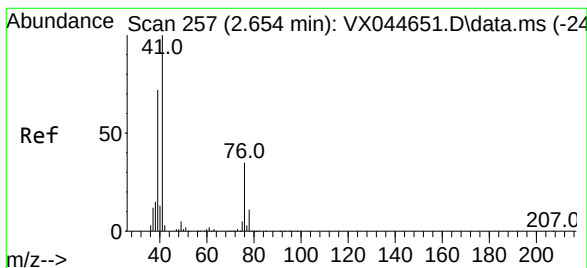
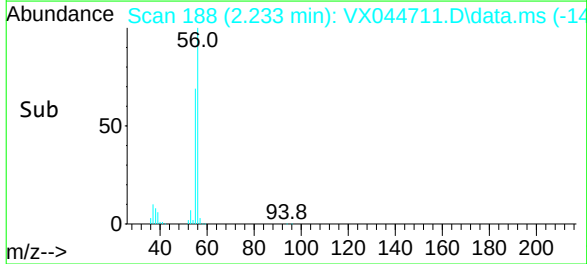
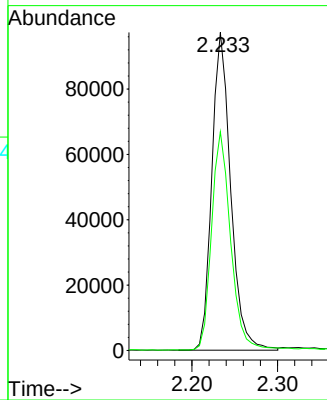
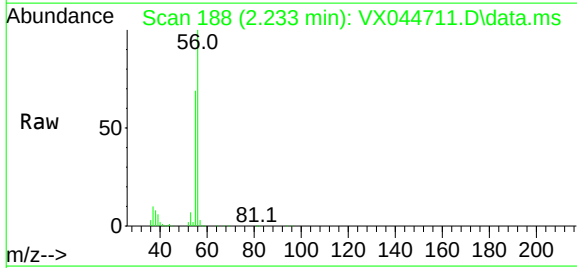
55 69.5 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#14

Allyl chloride

Concen: 50.932 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

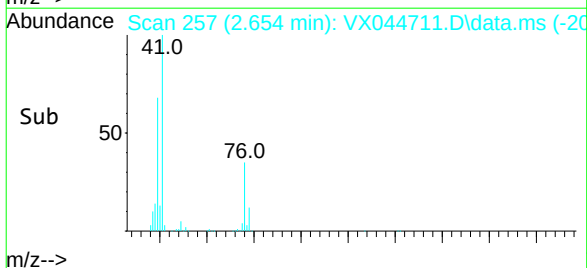
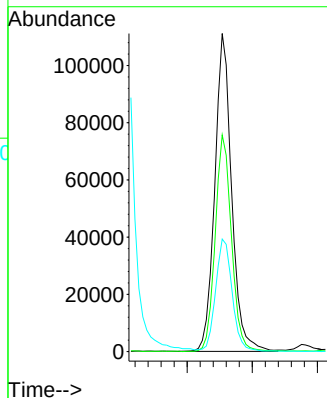
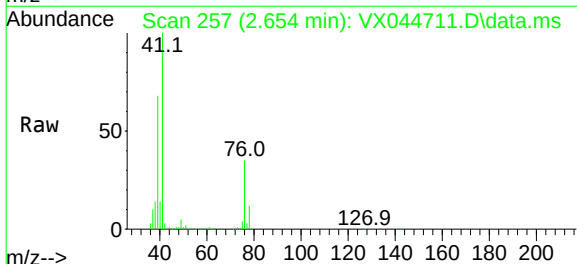
Tgt Ion: 41 Resp: 200142

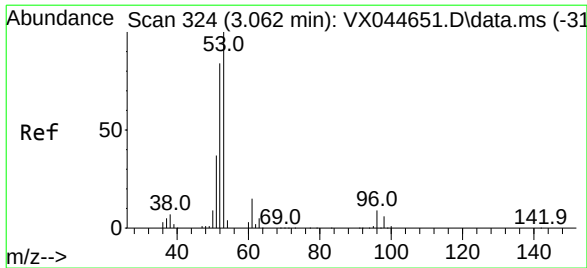
Ion Ratio Lower Upper

41 100

39 66.0 54.9 82.3

76 34.4 28.4 42.6





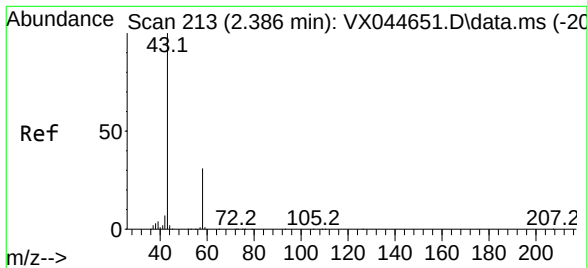
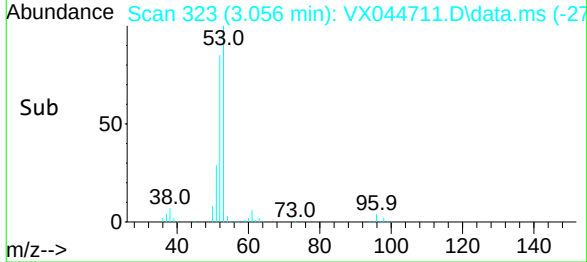
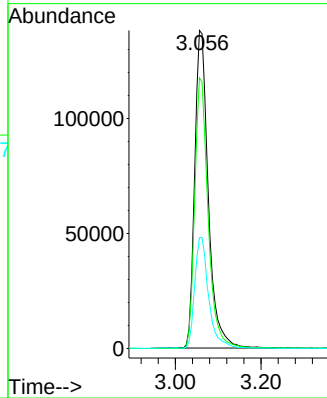
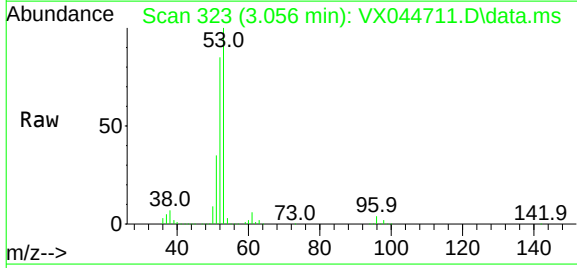
#15  
Acrylonitrile  
Concen: 267.495 ug/l  
RT: 3.056 min Scan# 32  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 53 Resp: 304312  
Ion Ratio Lower Upper  
53 100  
52 84.3 66.0 99.0  
51 35.7 28.9 43.3

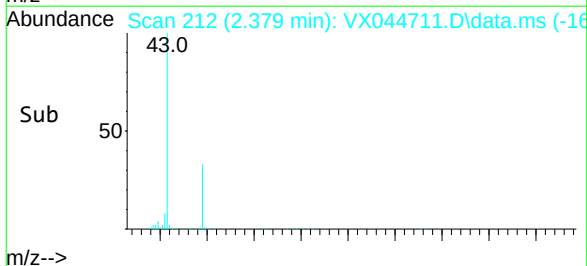
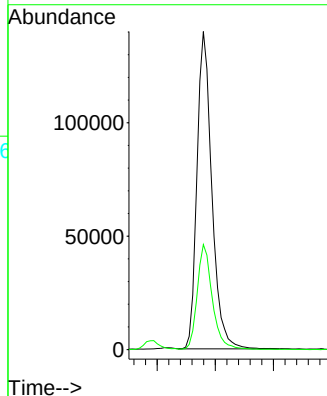
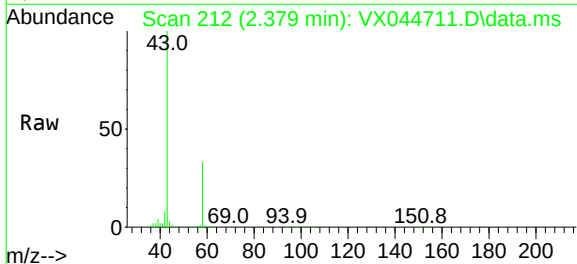
Manual Integrations  
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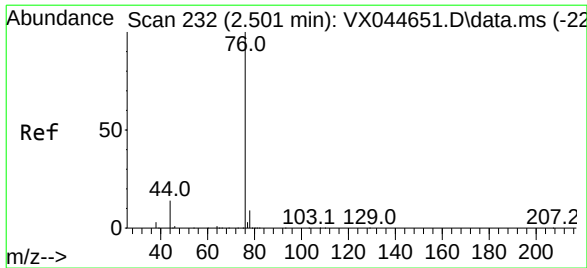
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#16  
Acetone  
Concen: 240.764 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 43 Resp: 247835  
Ion Ratio Lower Upper  
43 100  
58 33.0 24.6 37.0





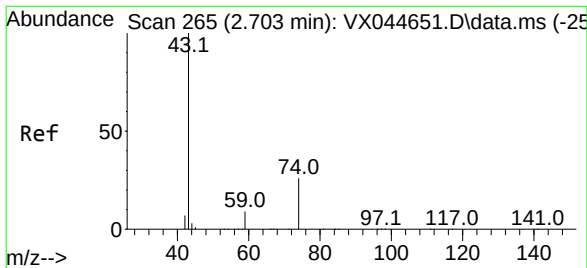
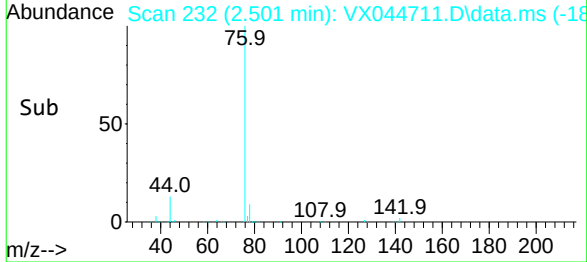
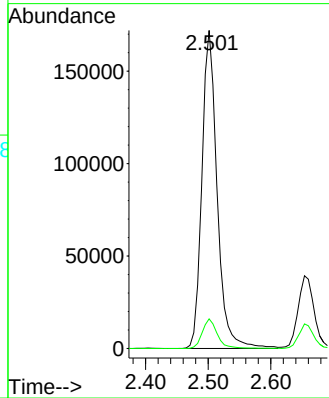
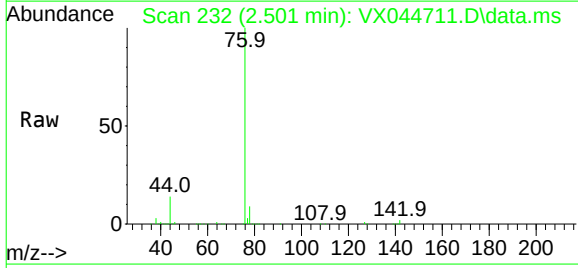
#17  
Carbon Disulfide  
Concen: 52.854 ug/l  
RT: 2.501 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 291079  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.1 10.7

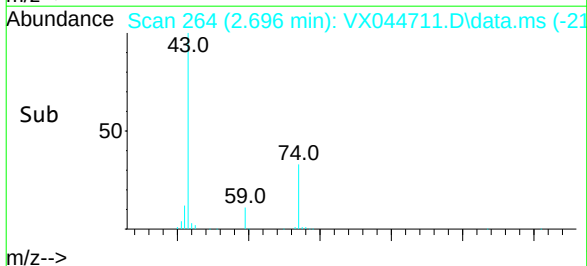
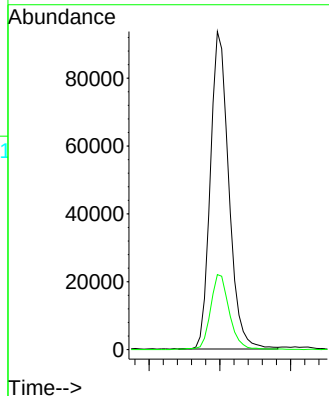
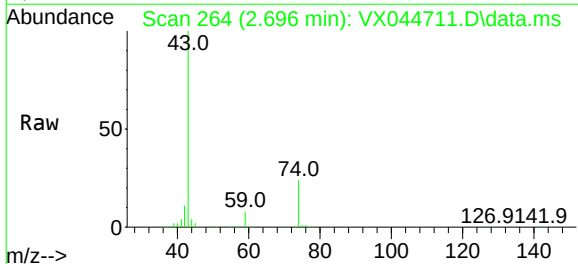
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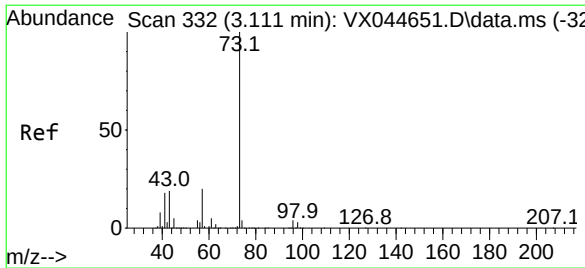
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#18  
Methyl Acetate  
Concen: 53.407 ug/l  
RT: 2.696 min Scan# 264  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

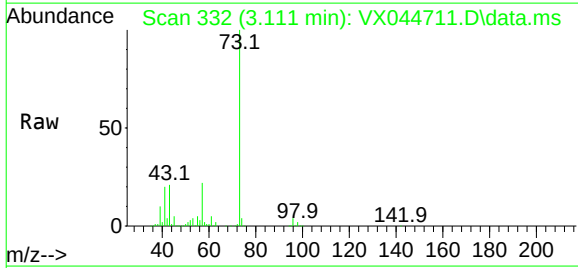
Tgt Ion: 43 Resp: 169609  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.8 29.8





#19  
Methyl tert-butyl Ether  
Concen: 51.834 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

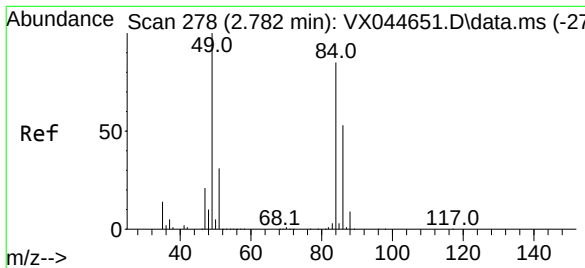
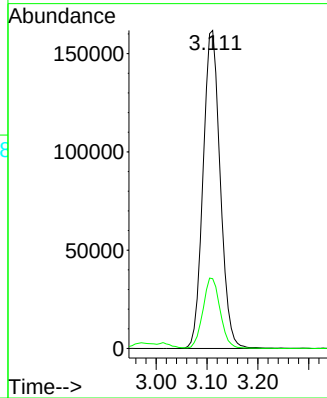
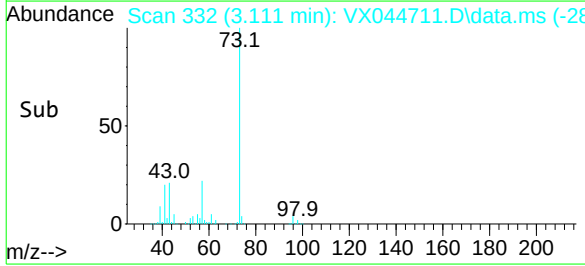
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 73 Resp: 378923  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.4 26.0

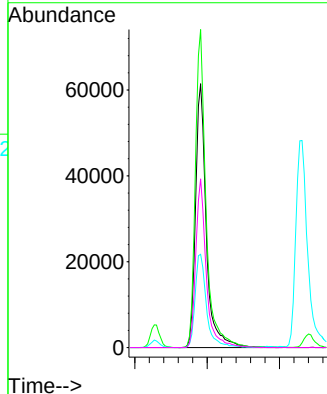
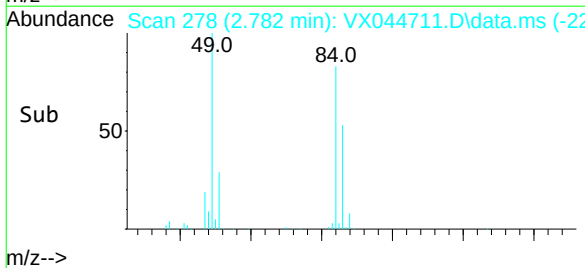
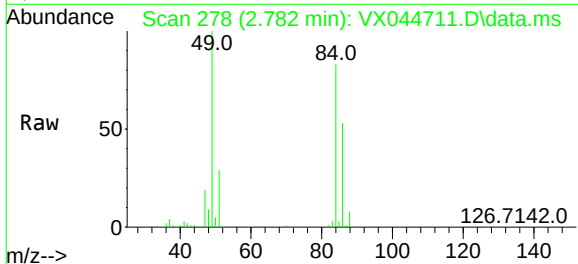
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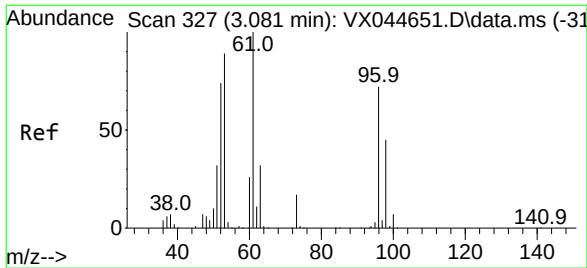
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#20  
Methylene Chloride  
Concen: 52.799 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

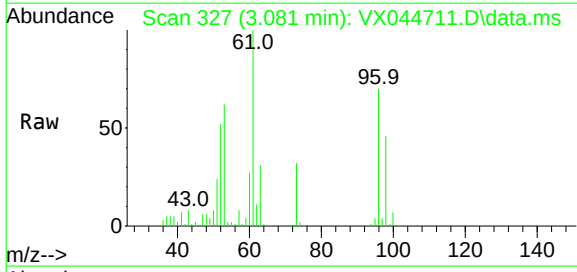
Tgt Ion: 84 Resp: 126568  
Ion Ratio Lower Upper  
84 100  
49 120.5 94.2 141.4  
51 35.3 28.8 43.2  
86 64.0 50.3 75.5





#21  
trans-1,2-Dichloroethene  
Concen: 50.522 ug/l  
RT: 3.081 min Scan# 321  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

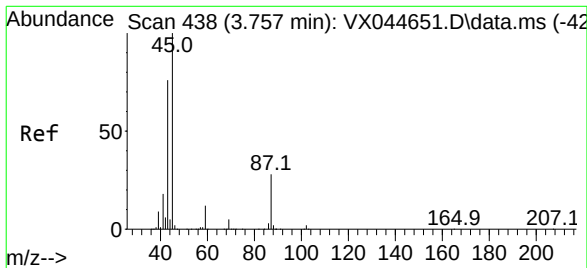
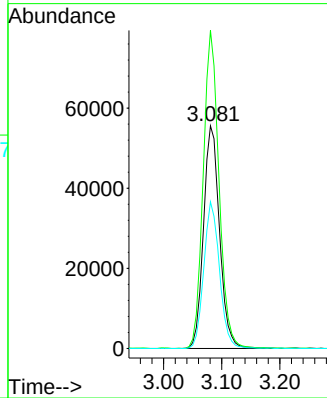
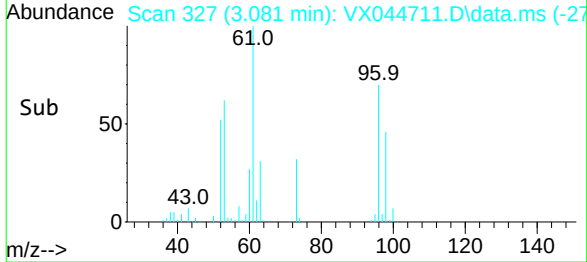
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 96 Resp: 106458  
Ion Ratio Lower Upper  
96 100  
61 142.8 111.0 166.6  
98 65.9 50.2 75.2

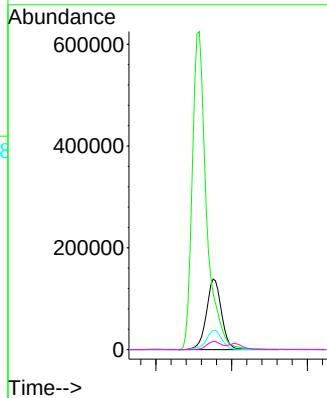
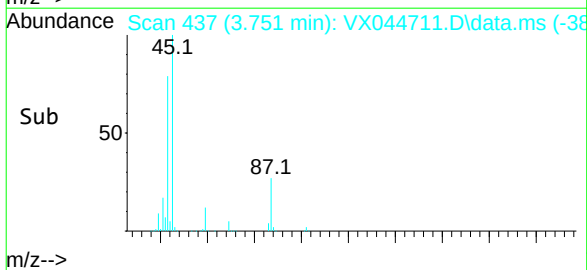
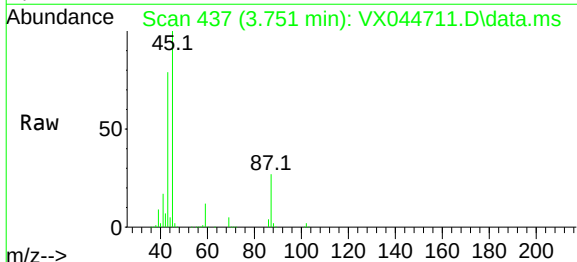
Manual Integrations  
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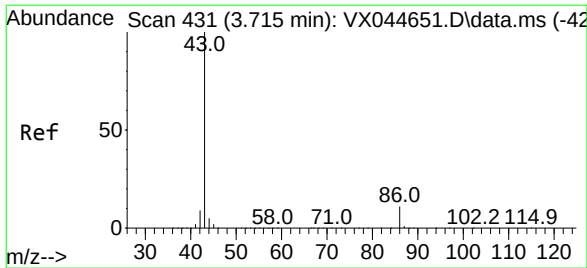
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#22  
Diisopropyl ether  
Concen: 56.003 ug/l  
RT: 3.751 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

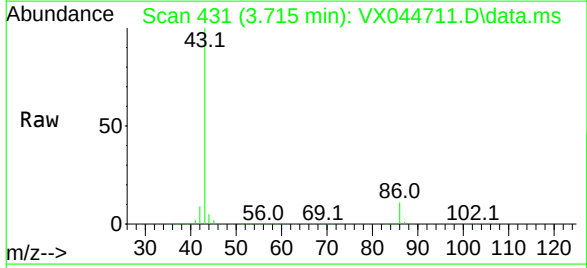
Tgt Ion: 45 Resp: 382549  
Ion Ratio Lower Upper  
45 100  
43 78.7 61.0 91.6  
87 27.0 22.7 34.1  
59 11.7 9.4 14.2





#23  
 Vinyl Acetate  
 Concen: 272.725 ug/l  
 RT: 3.715 min Scan# 431  
 Delta R.T. -0.000 min  
 Lab File: VX044711.D  
 Acq: 27 Jan 2025 10:08

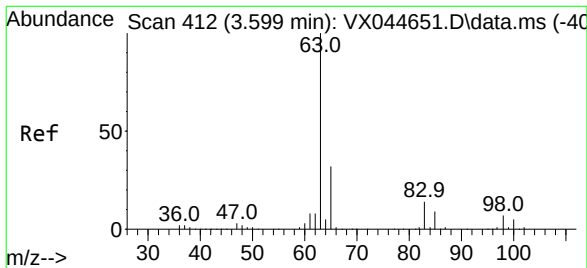
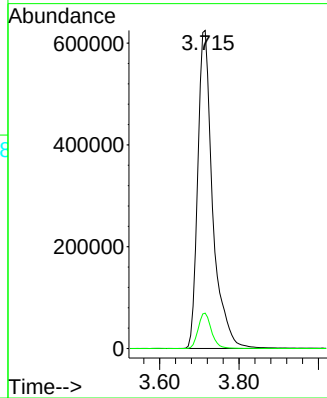
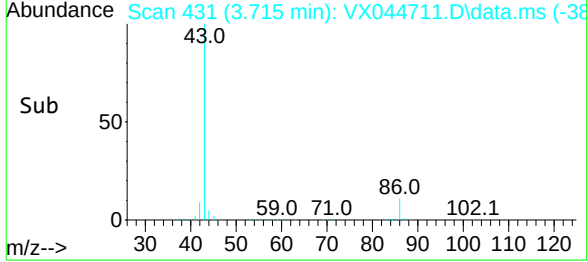
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050



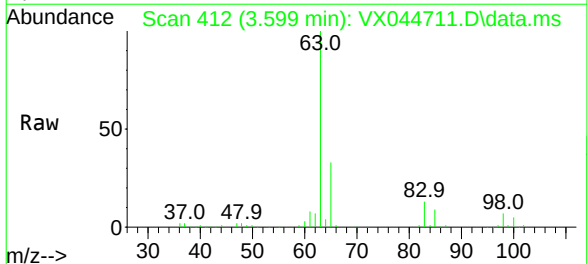
Tgt Ion: 43 Resp: 1630552  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.9 13.3

Manual Integrations  
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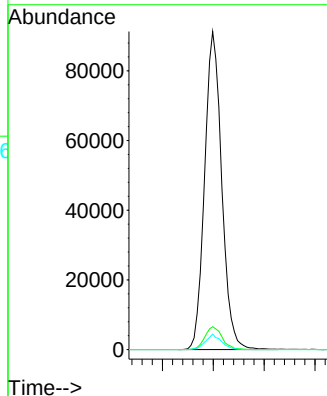
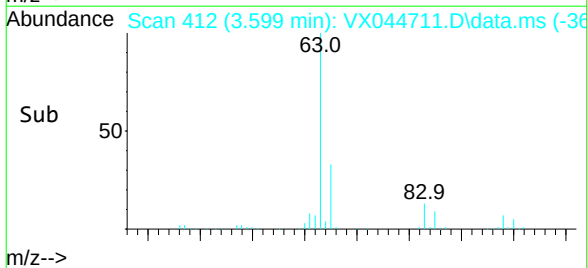
Reviewed By :John Carlone 01/28/2025  
 Supervised By :Mahesh Dadoda 01/28/2025



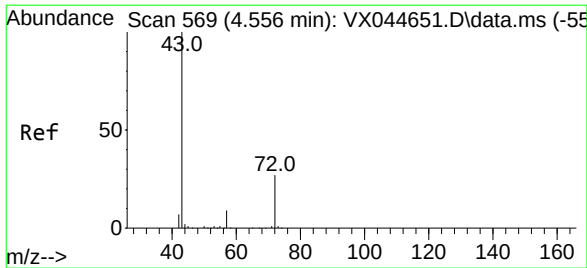
#24  
 1,1-Dichloroethane  
 Concen: 52.632 ug/l  
 RT: 3.599 min Scan# 412  
 Delta R.T. -0.000 min  
 Lab File: VX044711.D  
 Acq: 27 Jan 2025 10:08



Tgt Ion: 63 Resp: 213198  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 4.9 2.5 7.5

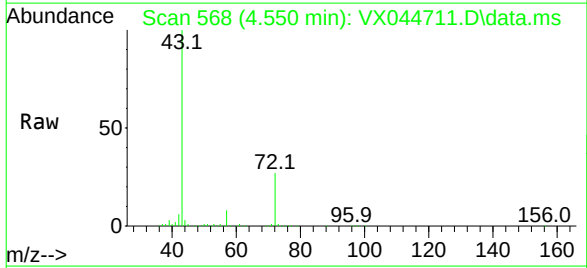






#25  
2-Butanone  
Concen: 264.600 ug/l  
RT: 4.550 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

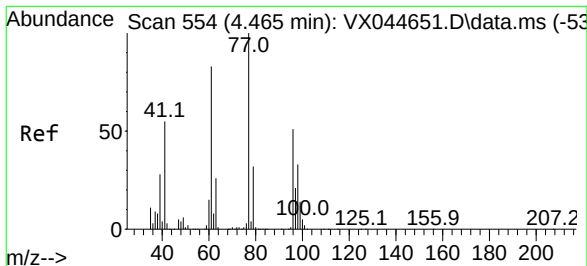
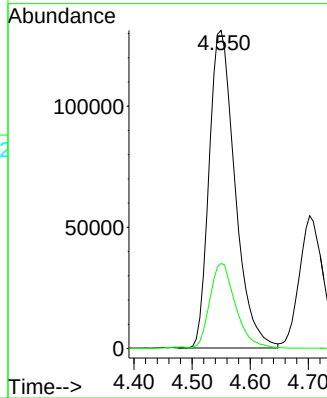
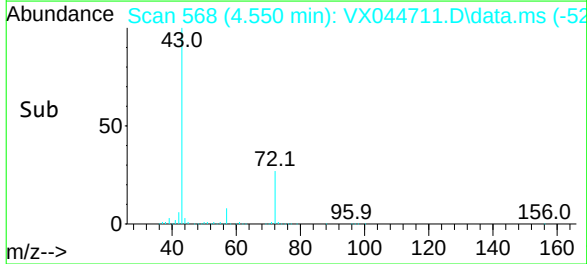
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 404966  
Ion Ratio Lower Upper  
43 100  
72 26.5 21.7 32.5

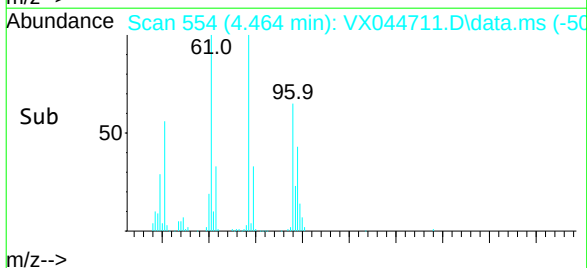
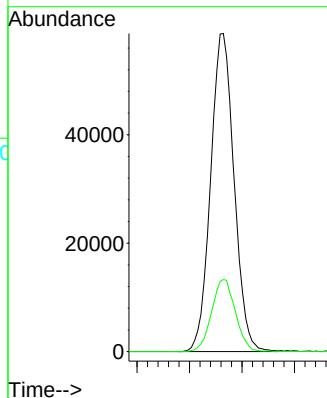
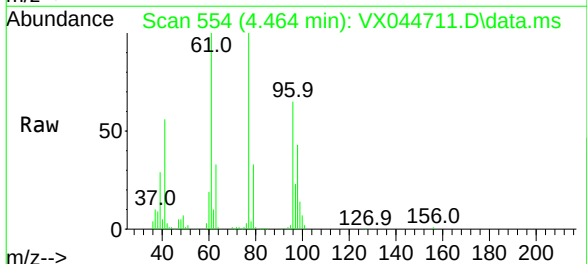
Manual Integrations  
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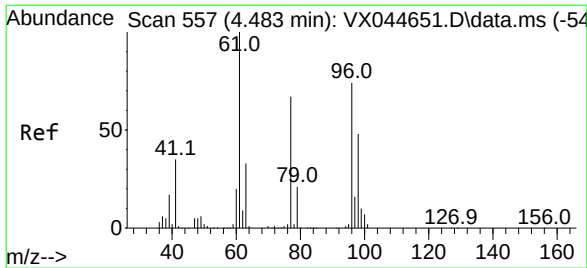
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#26  
2,2-Dichloropropane  
Concen: 46.357 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

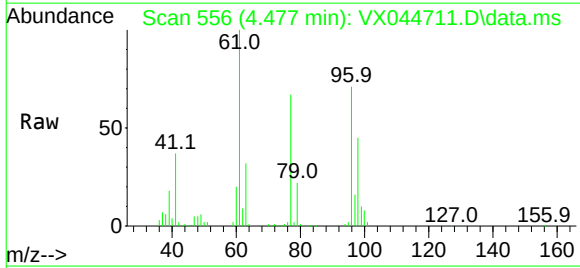
Tgt Ion: 77 Resp: 181991  
Ion Ratio Lower Upper  
77 100  
97 23.0 10.9 32.6





#27  
cis-1,2-Dichloroethene  
Concen: 51.078 ug/l  
RT: 4.477 min Scan# 55  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

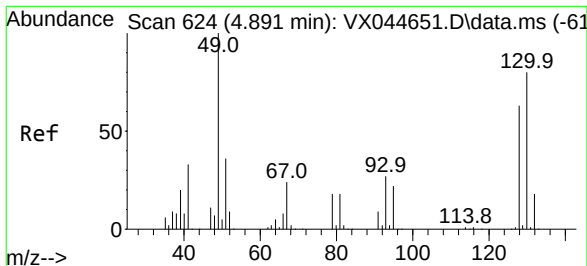
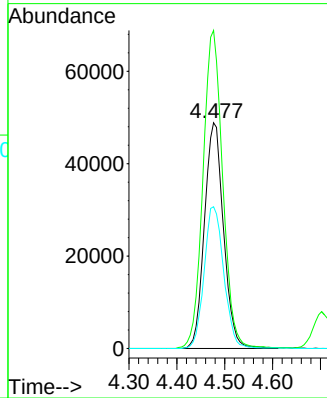
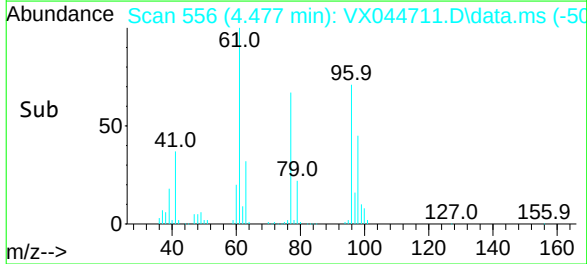
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 96 Resp: 135384  
Ion Ratio Lower Upper  
96 100  
61 145.8 0.0 296.0  
98 64.6 0.0 130.0

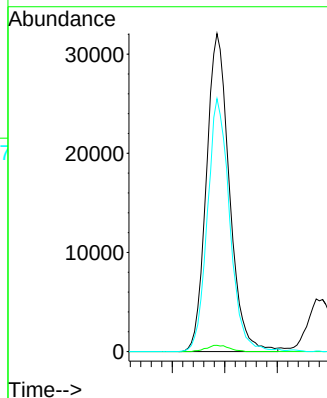
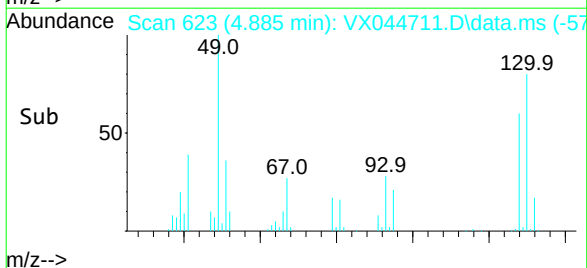
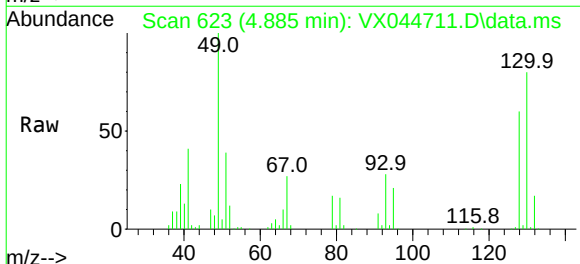
Manual Integrations  
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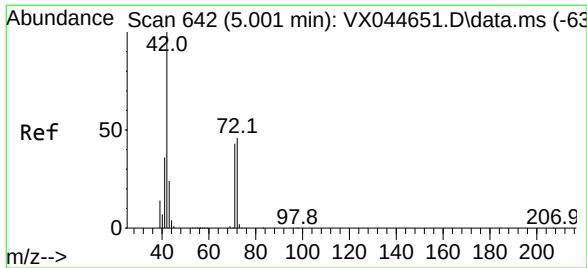
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#28  
Bromochloromethane  
Concen: 51.564 ug/l  
RT: 4.885 min Scan# 623  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 49 Resp: 97603  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.4  
130 77.1 63.4 95.2





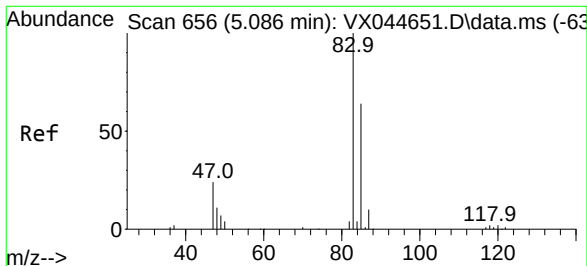
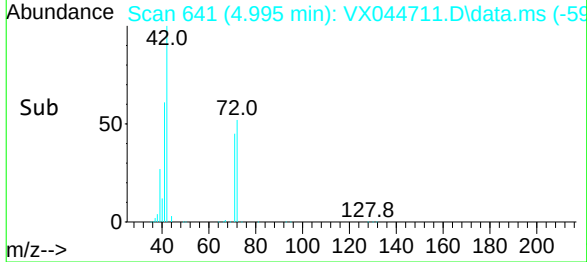
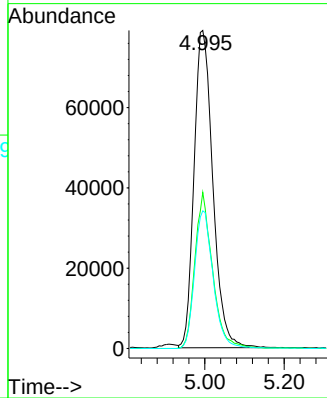
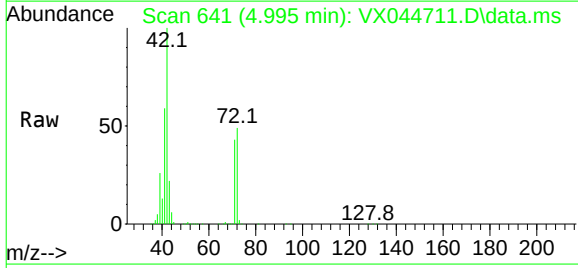
#29  
Tetrahydrofuran  
Concen: 263.398 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 42 Resp: 260029  
Ion Ratio Lower Upper  
42 100  
72 46.1 38.2 57.4  
71 43.1 35.3 52.9

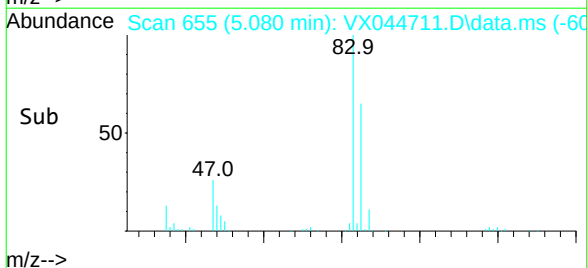
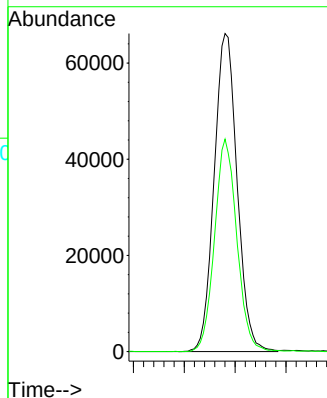
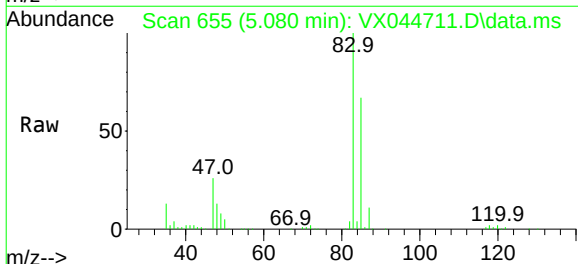
Manual Integrations  
APPROVED

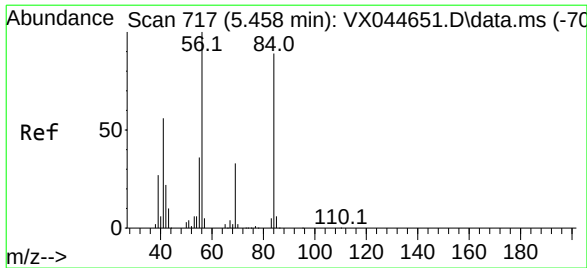
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#30  
Chloroform  
Concen: 50.771 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 83 Resp: 207551  
Ion Ratio Lower Upper  
83 100  
85 66.8 51.2 76.8





#31

Cyclohexane

Concen: 53.957 ug/l

RT: 5.452 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 176773

Ion Ratio Lower Upper

56 100

69 29.8 26.8 40.2

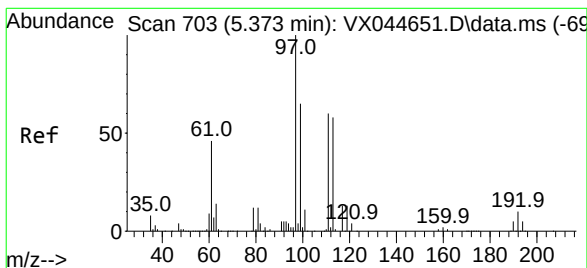
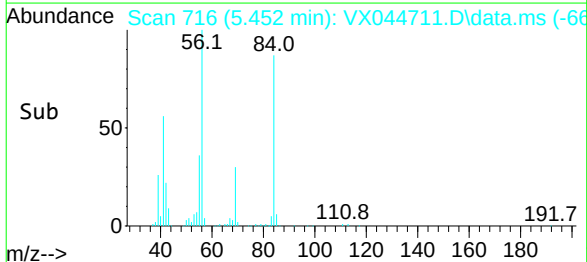
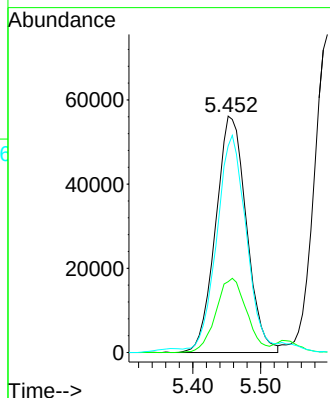
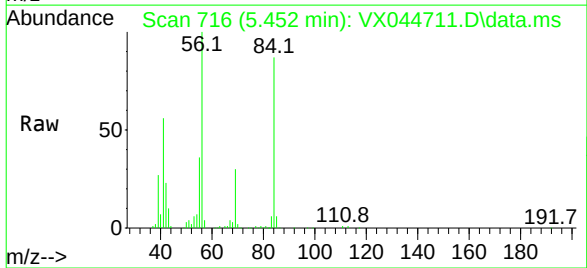
84 85.8 71.0 106.4

Manual Integrations

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Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#32

1,1,1-Trichloroethane

Concen: 45.490 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

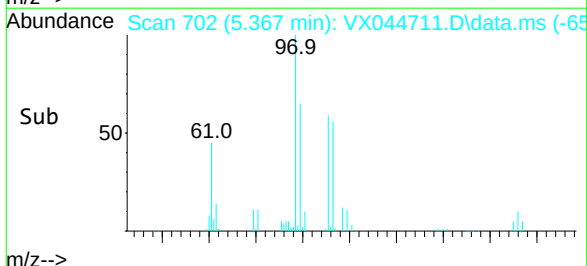
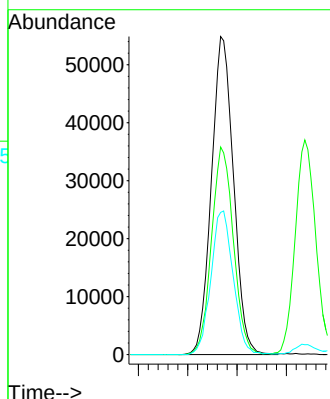
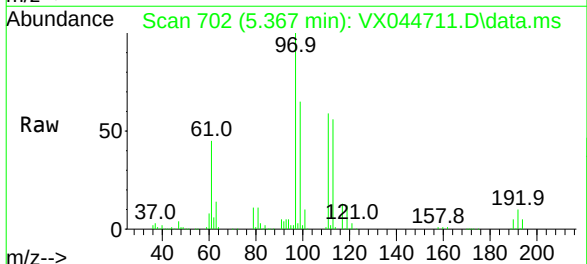
Tgt Ion: 97 Resp: 170957

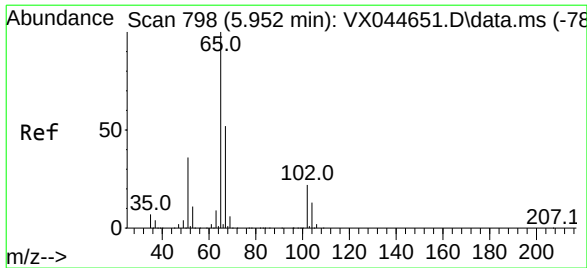
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

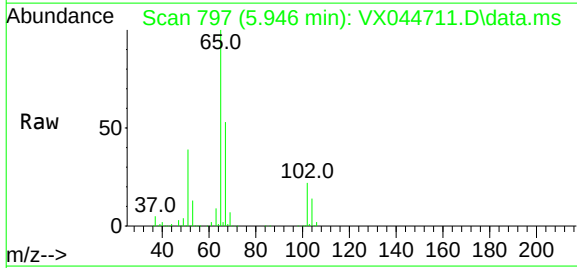
61 45.5 35.6 53.4





#33  
1,2-Dichloroethane-d4  
Concen: 47.336 ug/l  
RT: 5.946 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

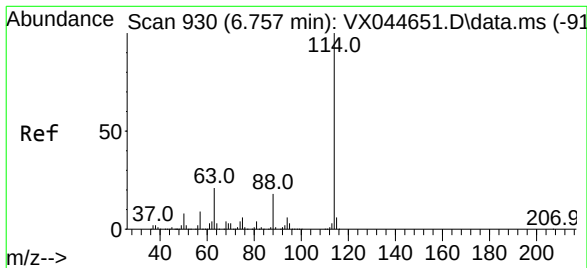
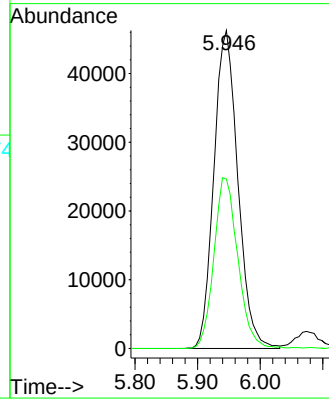
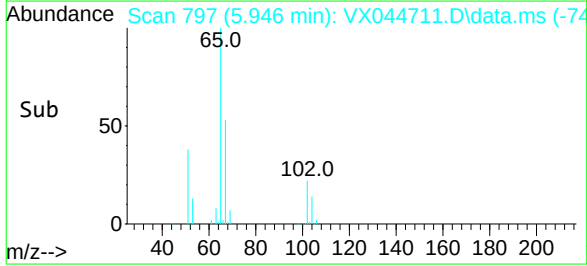
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 65 Resp: 123157  
Ion Ratio Lower Upper  
65 100  
67 53.6 0.0 103.4

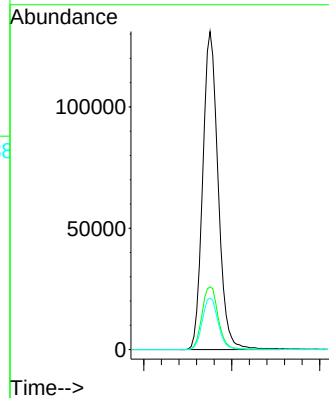
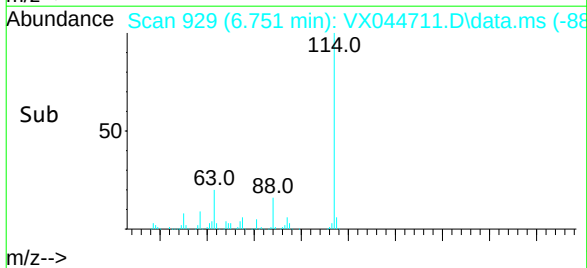
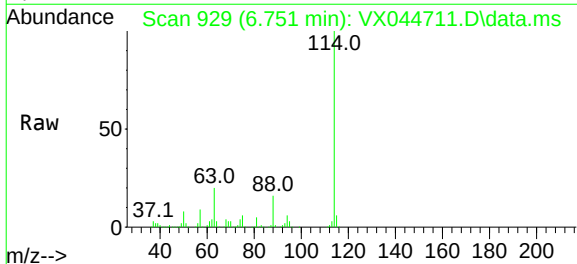
Manual Integrations  
APPROVED

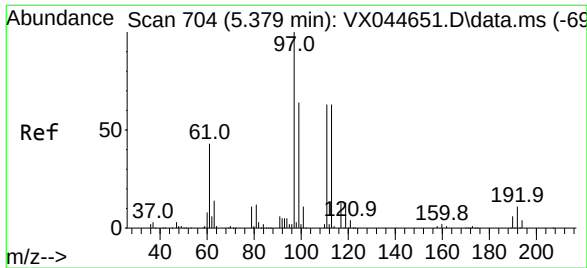
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 929  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:114 Resp: 318376  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 43.0  
88 16.2 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 100788

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

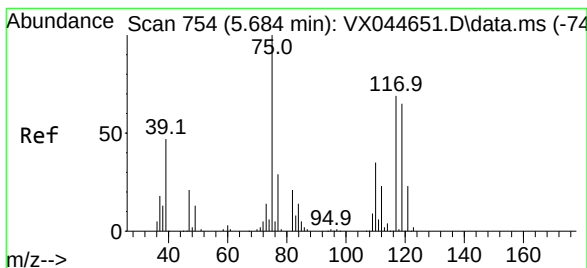
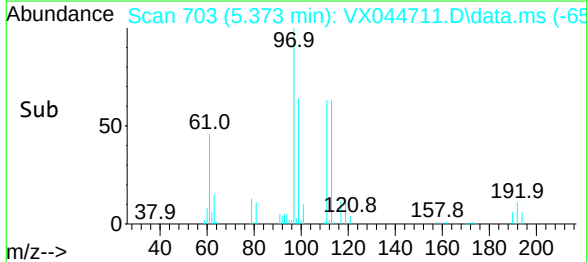
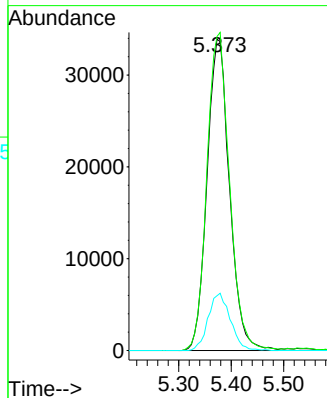
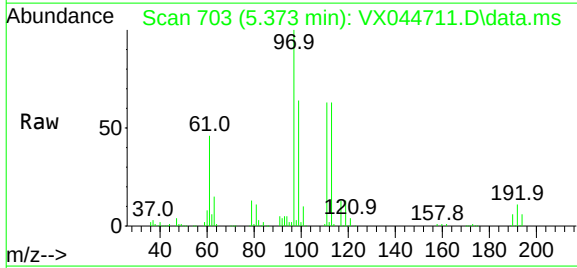
192 18.1 14.4 21.6

Manual Integrations

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Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#36

1,1-Dichloropropene

Concen: 48.940 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

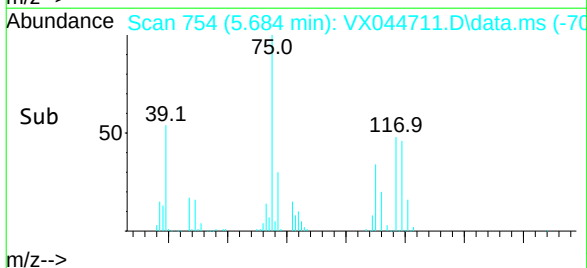
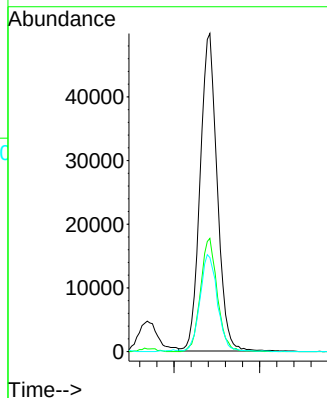
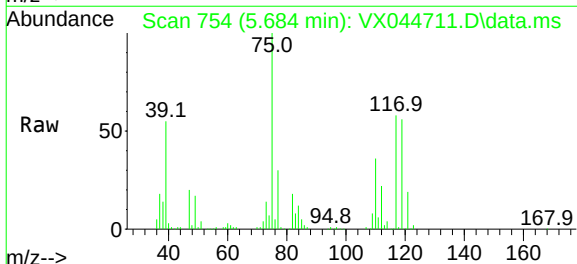
Tgt Ion: 75 Resp: 137792

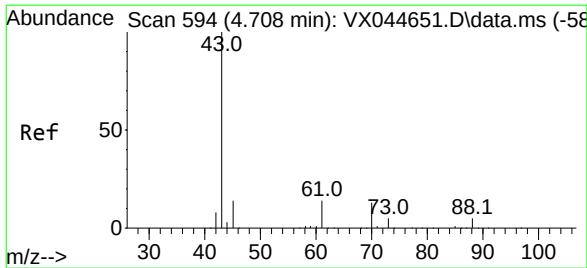
Ion Ratio Lower Upper

75 100

110 35.1 17.9 53.8

77 31.0 24.5 36.7





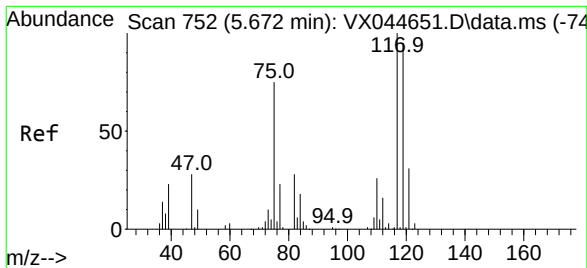
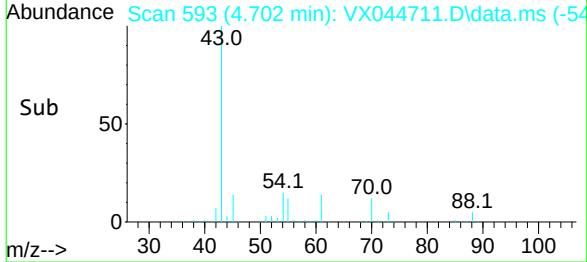
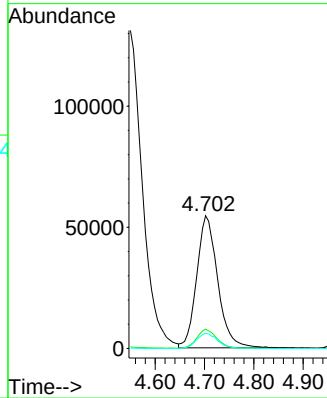
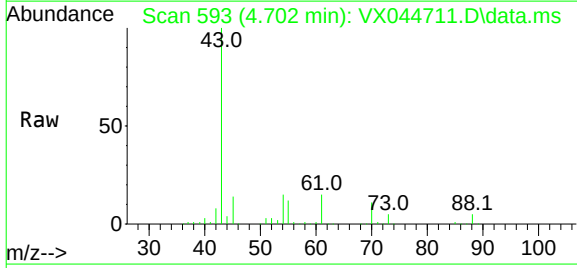
#37  
Ethyl Acetate  
Concen: 53.669 ug/l  
RT: 4.702 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 160916  
Ion Ratio Lower Upper  
43 100  
61 13.5 10.9 16.3  
70 11.7 10.1 15.1

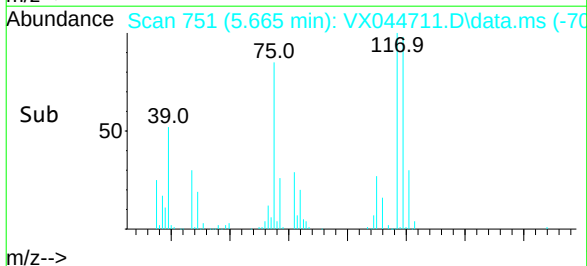
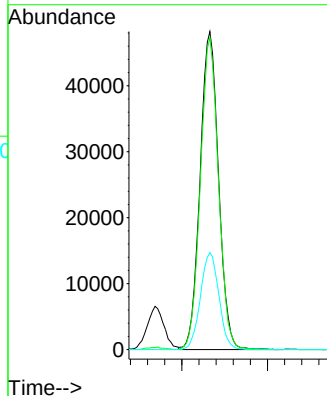
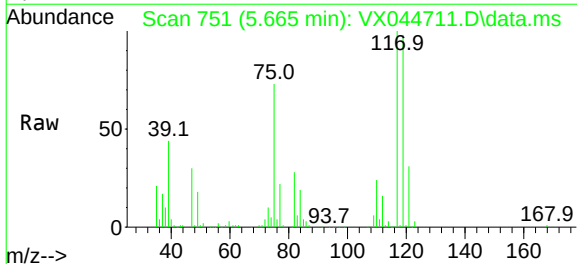
Manual Integrations  
APPROVED

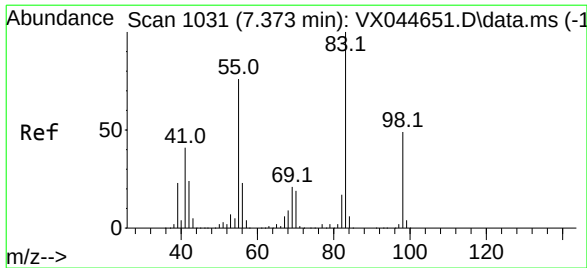
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#38  
Carbon Tetrachloride  
Concen: 45.521 ug/l  
RT: 5.665 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:117 Resp: 144163  
Ion Ratio Lower Upper  
117 100  
119 97.9 76.0 114.0  
121 30.5 24.6 36.8





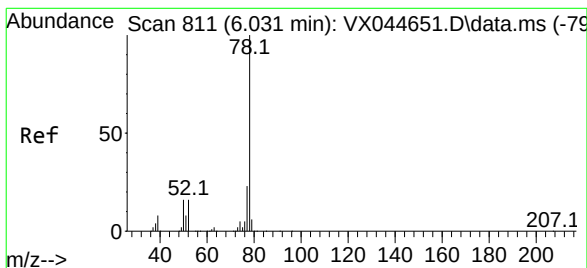
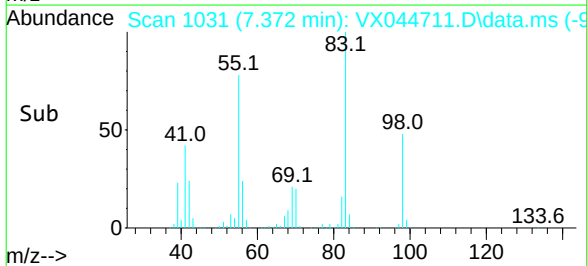
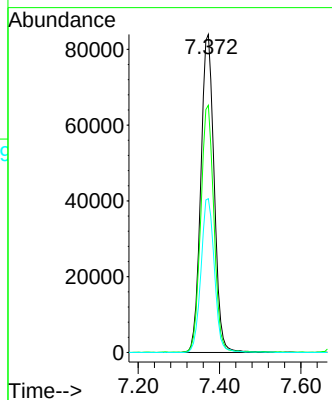
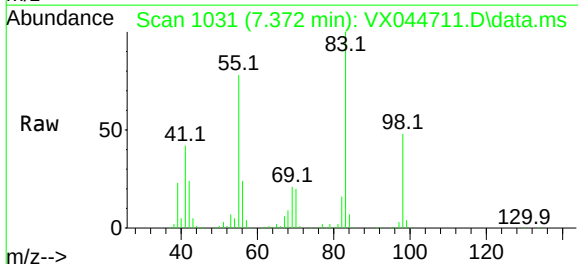
#39  
Methylcyclohexane  
Concen: 51.179 ug/l  
RT: 7.372 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 191285  
Ion Ratio Lower Upper  
83 100  
55 77.6 60.5 90.7  
98 48.4 39.0 58.4

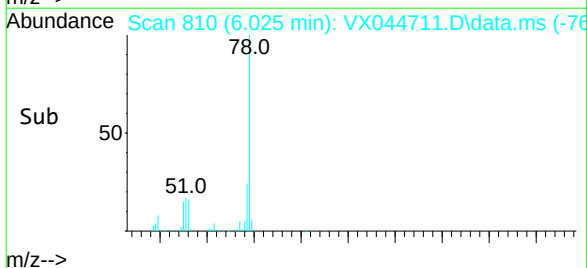
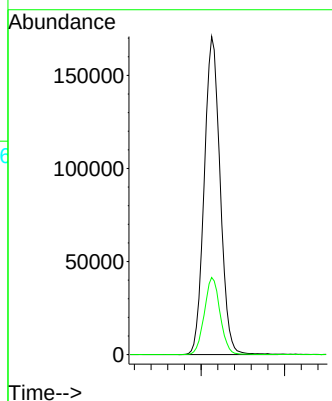
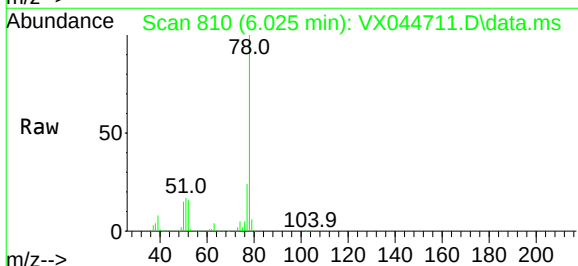
Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

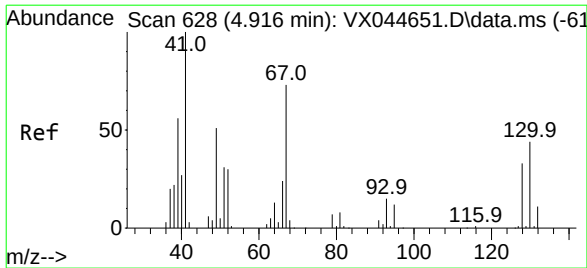


#40  
Benzene  
Concen: 51.868 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 78 Resp: 452521  
Ion Ratio Lower Upper  
78 100  
77 24.3 18.7 28.1







#41  
Methacrylonitrile  
Concen: 52.289 ug/l  
RT: 4.910 min Scan# 62  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

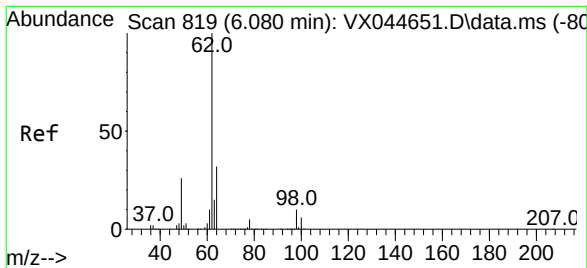
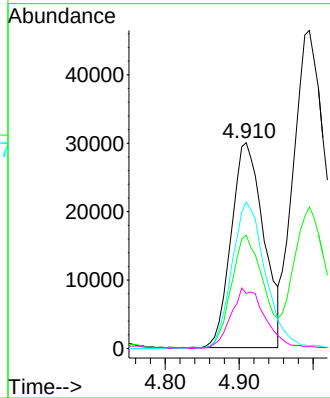
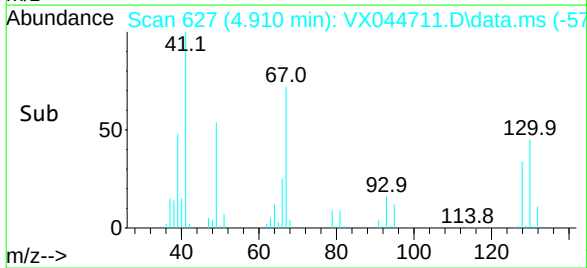
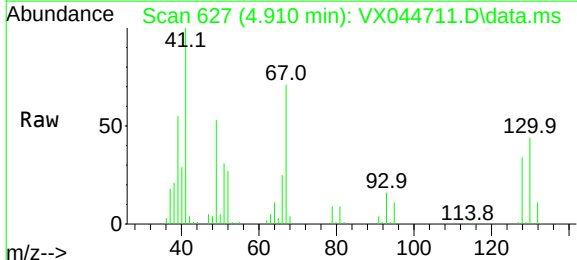
VSTDCCC050

Tgt Ion: 41 Resp: 91356  
Ion Ratio Lower Upper  
41 100  
39 53.9 44.4 66.6  
67 74.1 60.6 90.8  
52 31.3 24.3 36.5

Manual Integrations

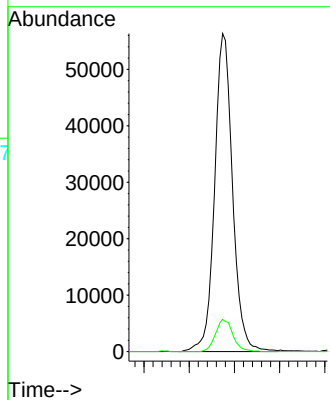
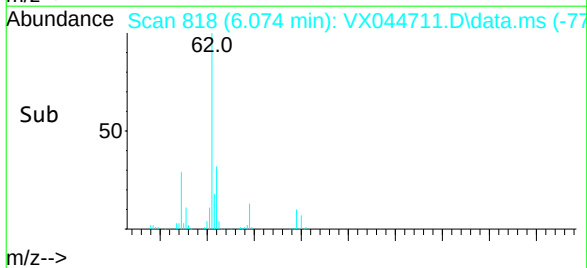
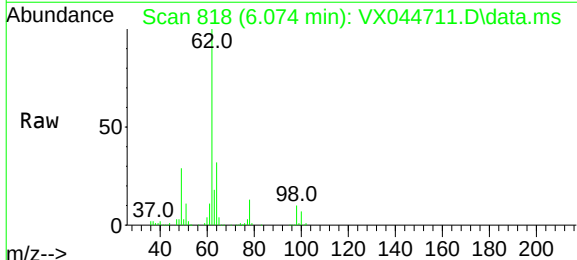
APPROVED

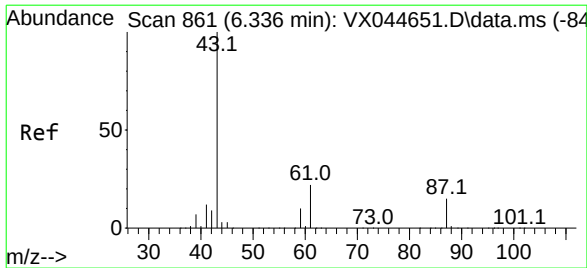
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#42  
1,2-Dichloroethane  
Concen: 48.725 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 62 Resp: 155155  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 51.667 ug/l

RT: 6.330 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

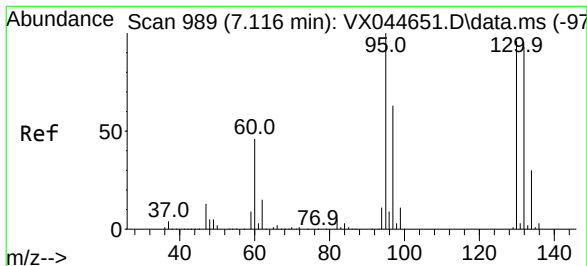
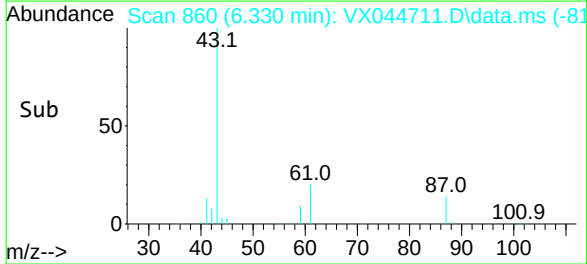
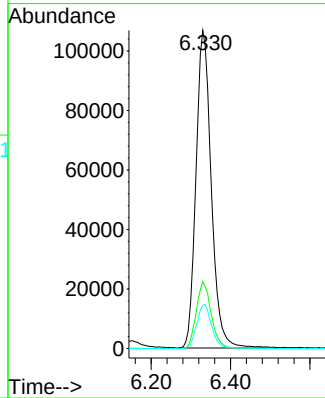
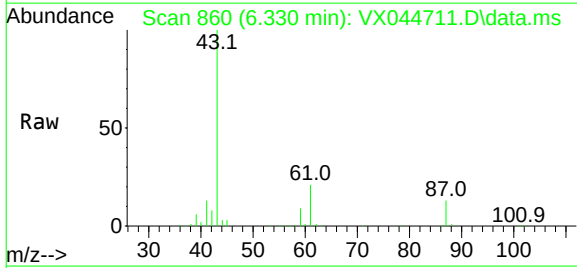
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 284981 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.5  | 16.6  | 24.8   |
| 87       | 13.6  | 11.0  | 16.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#44

Trichloroethene

Concen: 50.413 ug/l

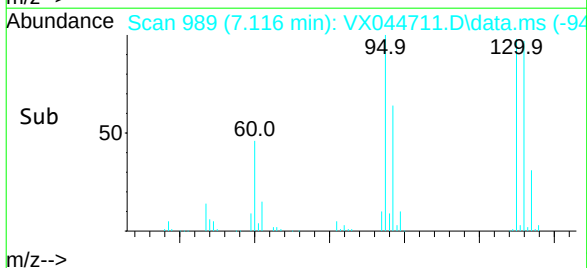
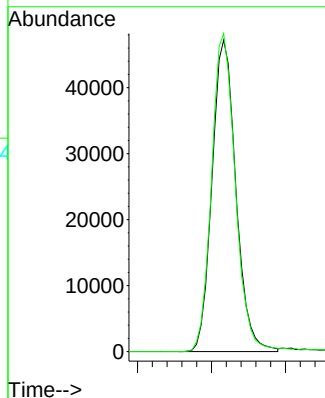
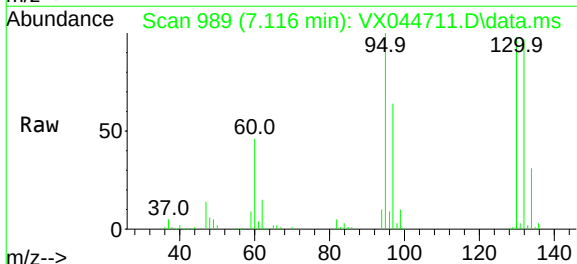
RT: 7.116 min Scan# 989

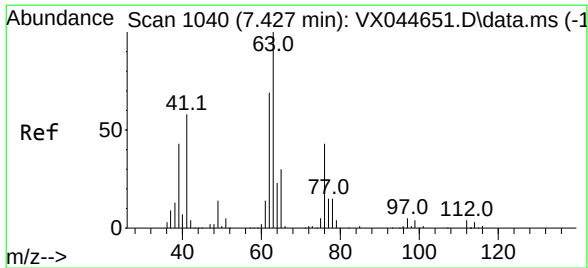
Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 105738 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 102.1 | 0.0   | 208.2  |





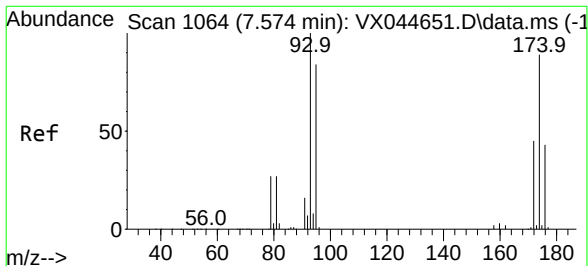
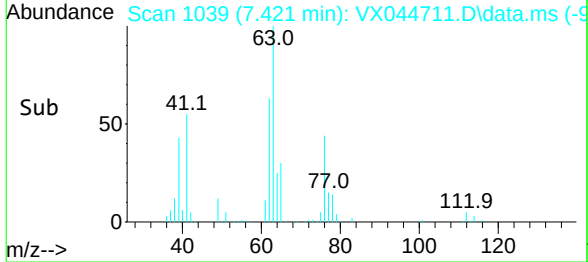
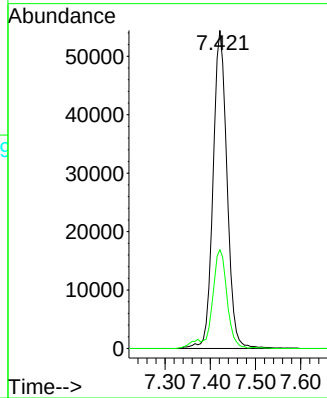
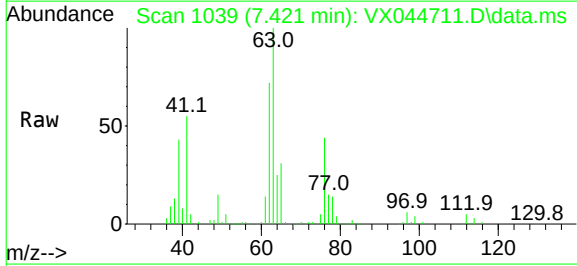
#45  
1,2-Dichloropropane  
Concen: 53.245 ug/l  
RT: 7.421 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 63 Resp: 116931  
Ion Ratio Lower Upper  
63 100  
65 31.0 24.2 36.2

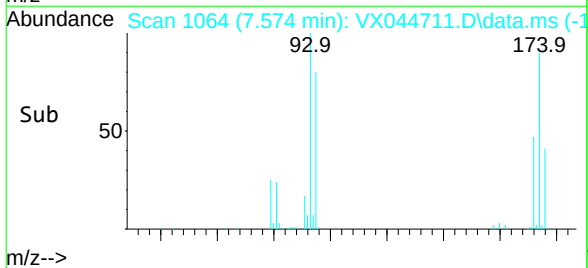
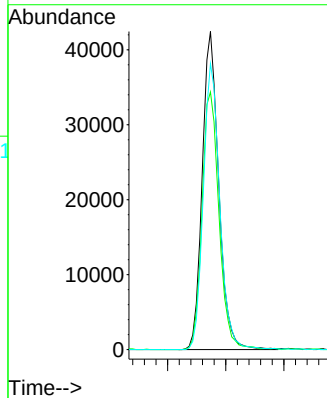
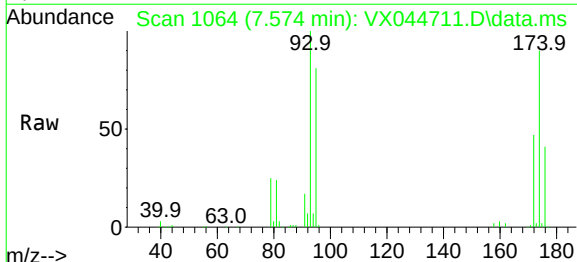
Manual Integrations  
APPROVED

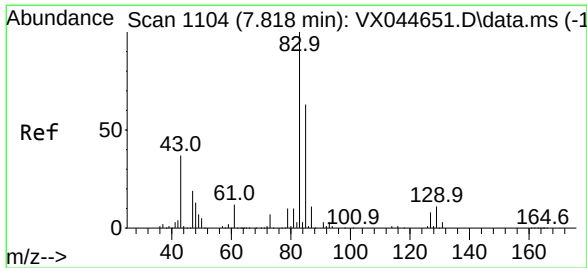
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#46  
Dibromomethane  
Concen: 50.244 ug/l  
RT: 7.574 min Scan# 1064  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

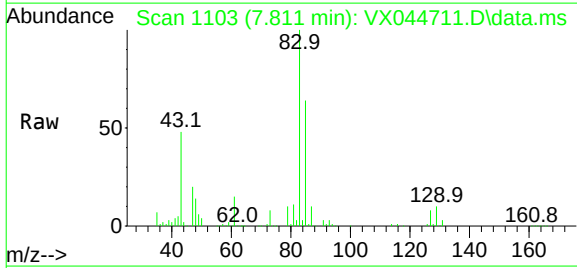
Tgt Ion: 93 Resp: 83999  
Ion Ratio Lower Upper  
93 100  
95 82.8 66.4 99.6  
174 89.7 72.0 108.0





#47  
Bromodichloromethane  
Concen: 49.656 ug/l  
RT: 7.811 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

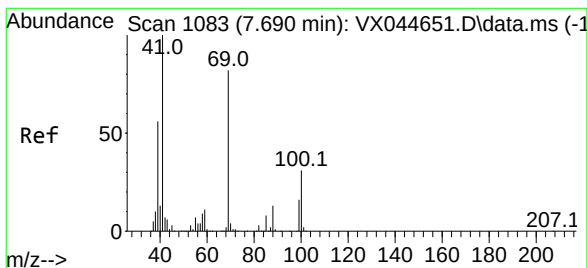
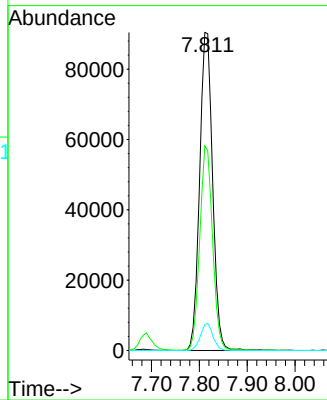
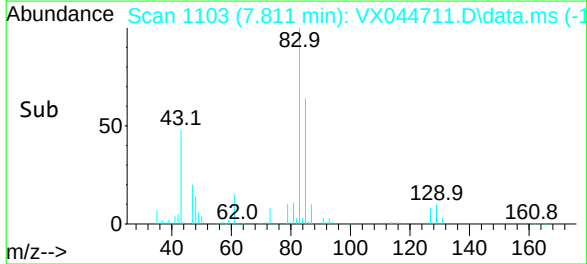
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



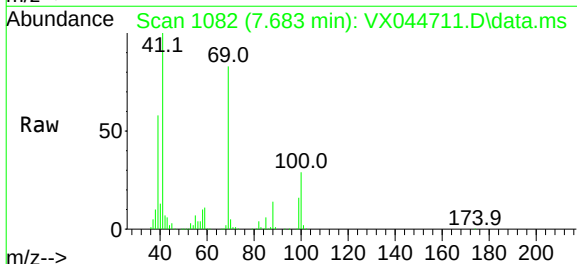
Tgt Ion: 83 Resp: 170245  
Ion Ratio Lower Upper  
83 100  
85 64.2 50.1 75.1  
127 8.1 6.5 9.7

Manual Integrations  
APPROVED

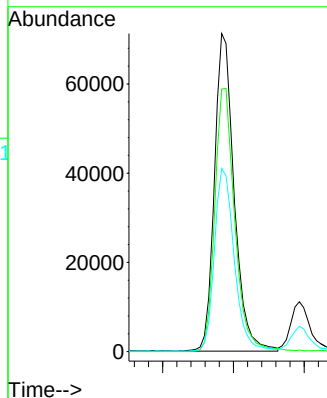
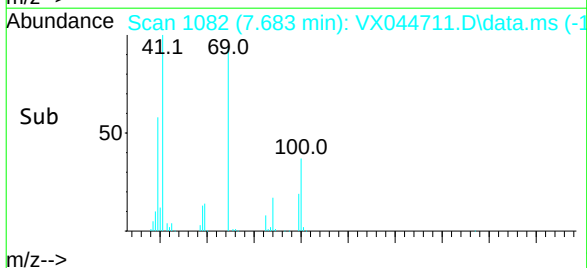
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

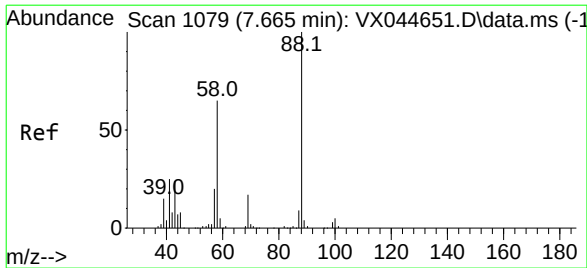


#48  
Methyl methacrylate  
Concen: 53.829 ug/l  
RT: 7.683 min Scan# 1082  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08



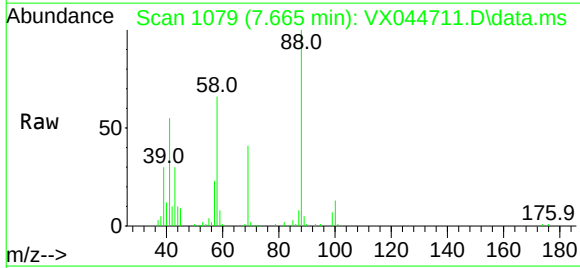
Tgt Ion: 41 Resp: 137818  
Ion Ratio Lower Upper  
41 100  
69 84.1 66.8 100.2  
39 58.0 47.4 71.0





#49  
1,4-Dioxane  
Concen: 991.841 ug/l  
RT: 7.665 min Scan# 1079  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

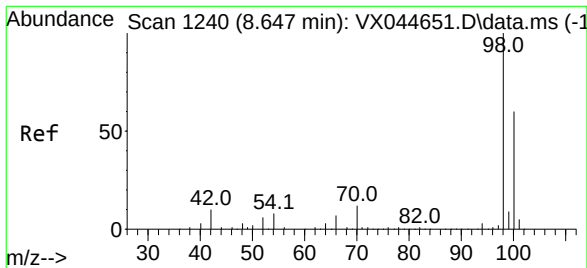
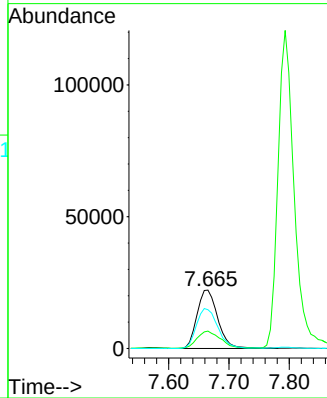
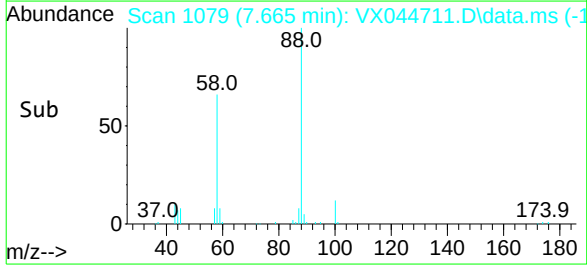
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 88 Resp: 52981  
Ion Ratio Lower Upper  
88 100  
43 33.2 27.0 40.4  
58 70.3 55.8 83.8

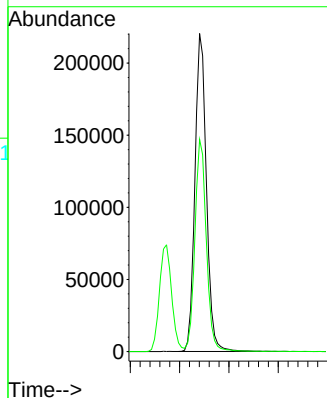
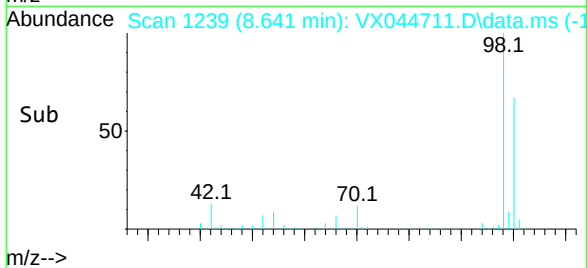
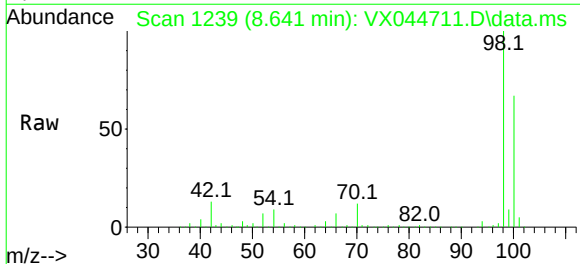
Manual Integrations  
APPROVED

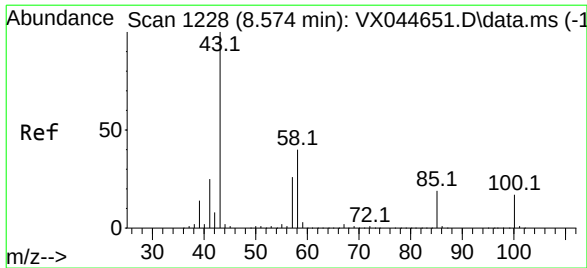
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#50  
Toluene-d8  
Concen: 50.477 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 98 Resp: 355984  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.2 79.8





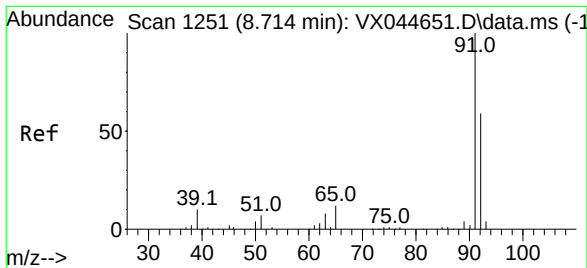
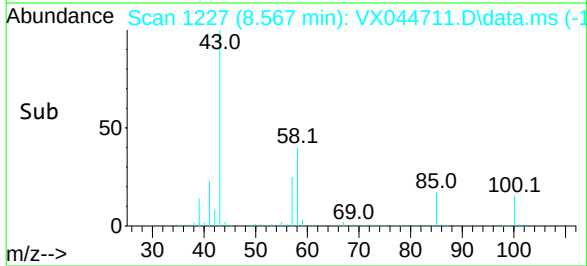
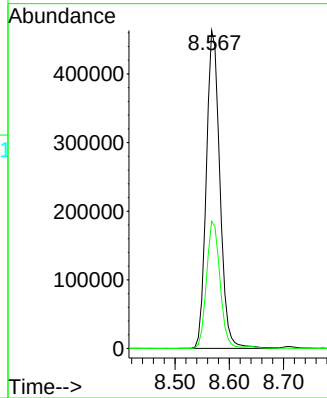
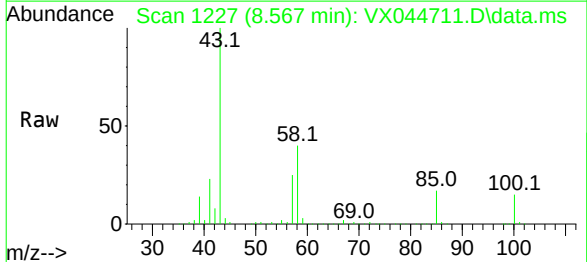
#51  
4-Methyl-2-Pentanone  
Concen: 264.229 ug/l  
RT: 8.567 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 805406  
Ion Ratio Lower Upper  
43 100  
58 39.7 31.9 47.9

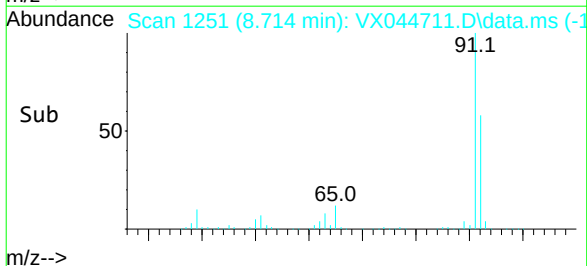
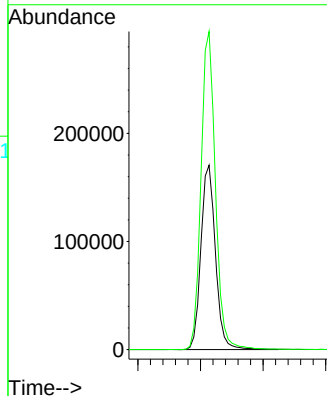
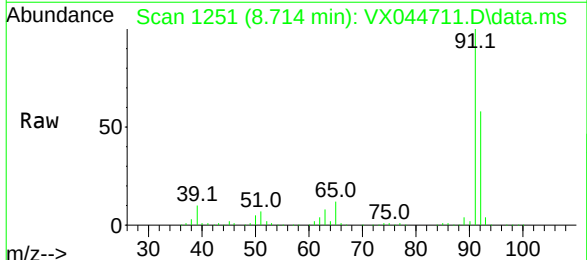
Manual Integrations  
APPROVED

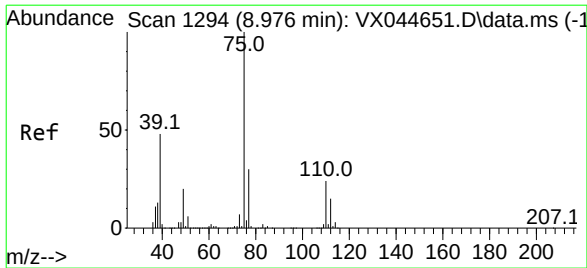
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#52  
Toluene  
Concen: 51.531 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

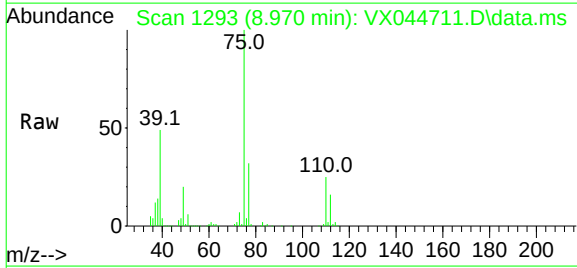
Tgt Ion: 92 Resp: 275176  
Ion Ratio Lower Upper  
92 100  
91 170.9 135.7 203.5





#53  
t-1,3-Dichloropropene  
Concen: 52.351 ug/l  
RT: 8.970 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

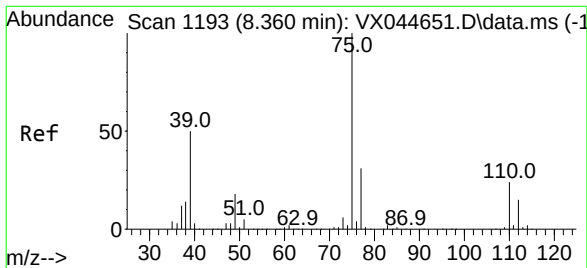
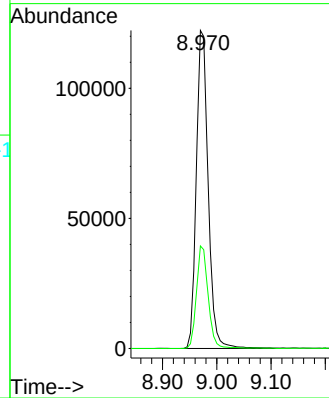
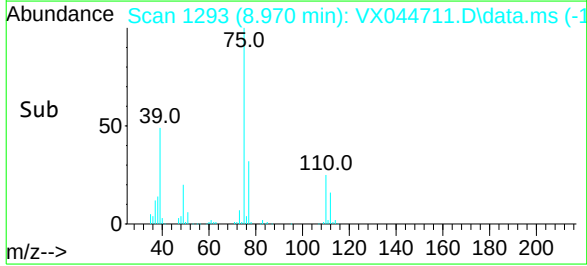
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 75 Resp: 185440  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.4 36.6

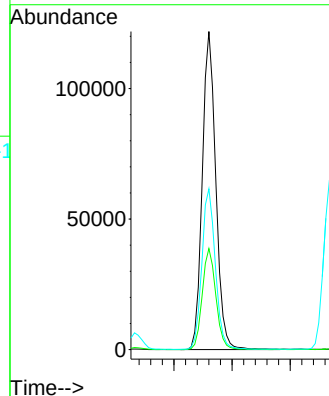
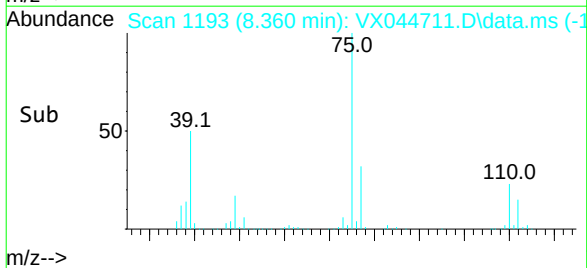
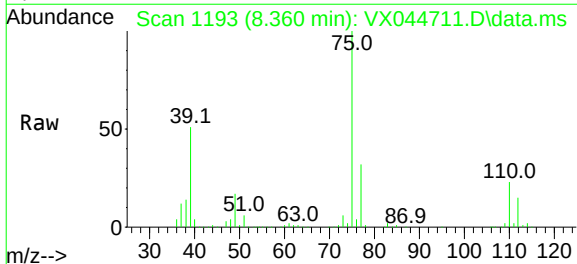
Manual Integrations  
APPROVED

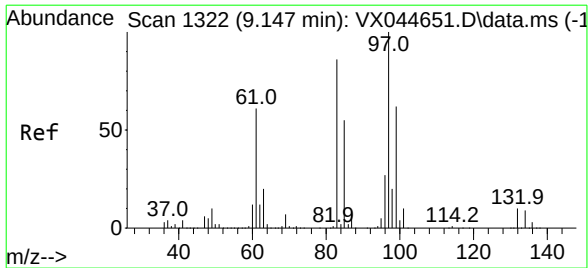
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#54  
cis-1,3-Dichloropropene  
Concen: 51.254 ug/l  
RT: 8.360 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 75 Resp: 196861  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.1 37.7  
39 50.5 40.3 60.5





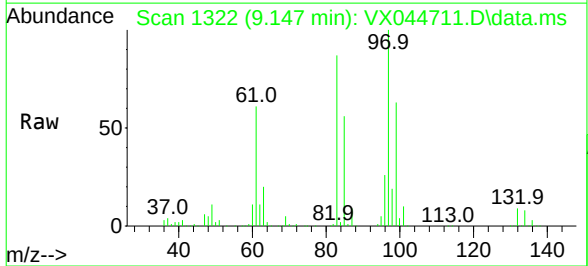
#55  
1,1,2-Trichloroethane  
Concen: 51.785 ug/l  
RT: 9.147 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

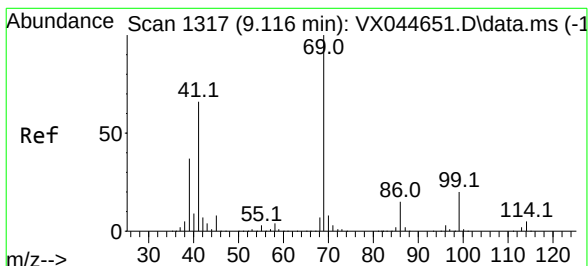
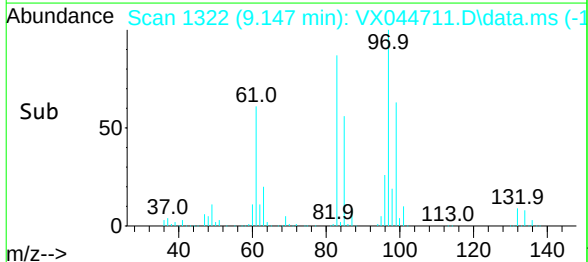
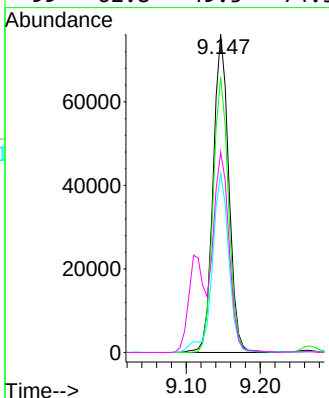
VSTDCCC050



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 111881 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.6  | 68.8  | 103.2  |
| 85       | 56.3  | 43.7  | 65.5   |
| 99       | 62.8  | 49.5  | 74.3   |

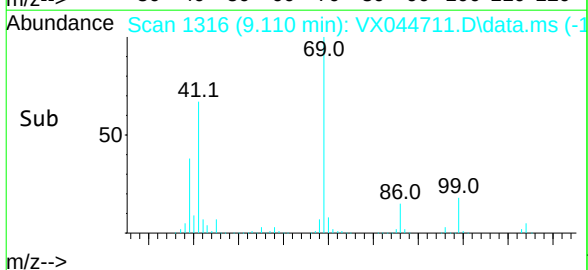
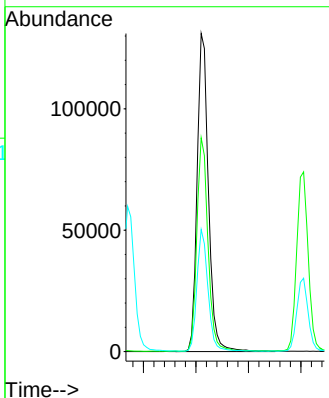
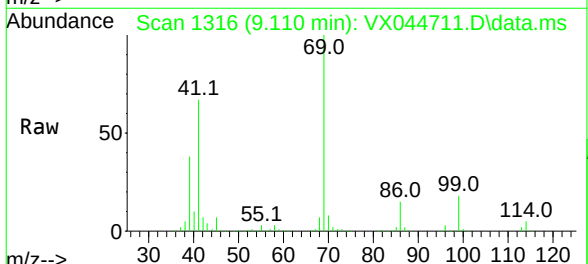
Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

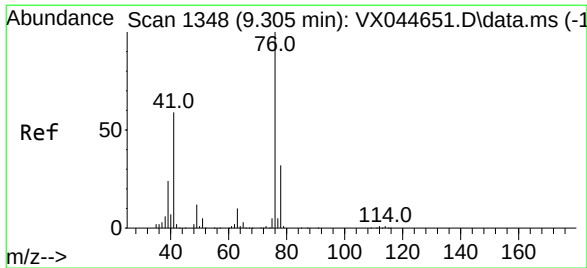


#56  
Ethyl methacrylate  
Concen: 52.829 ug/l  
RT: 9.110 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 196250 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.0  | 53.2  | 79.8   |
| 39       | 37.4  | 30.2  | 45.2   |

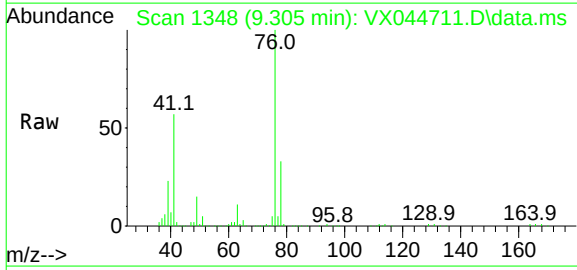






#57  
1,3-Dichloropropane  
Concen: 52.726 ug/l  
RT: 9.305 min Scan# 1348  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

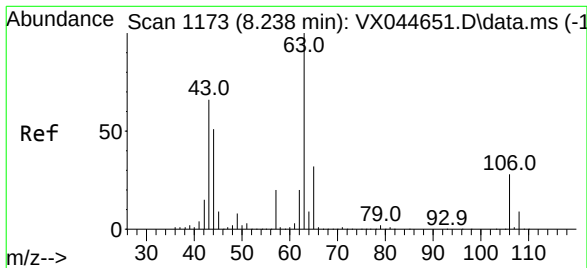
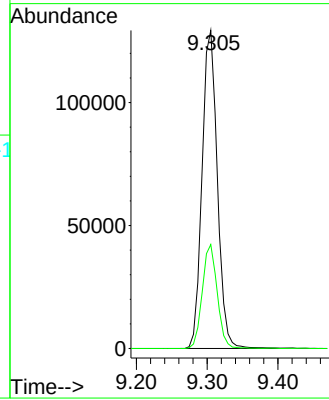
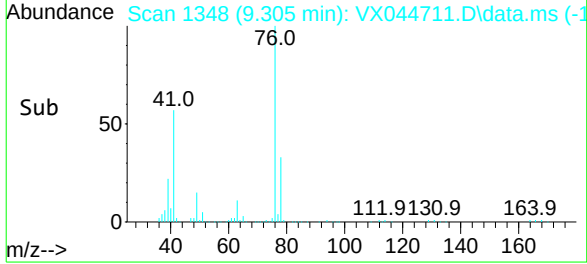
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 76 Resp: 193983  
Ion Ratio Lower Upper  
76 100  
78 31.9 26.0 39.0

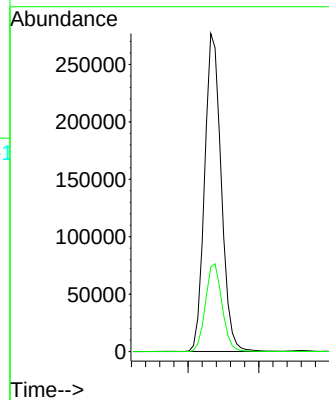
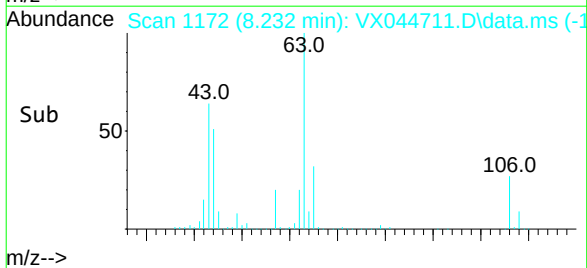
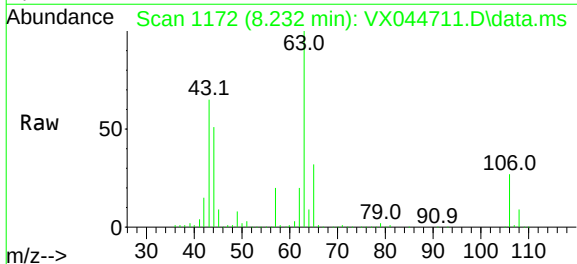
Manual Integrations  
APPROVED

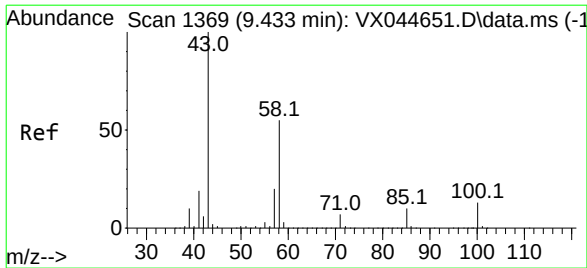
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 247.155 ug/l  
RT: 8.232 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 63 Resp: 450749  
Ion Ratio Lower Upper  
63 100  
106 27.8 23.0 34.6





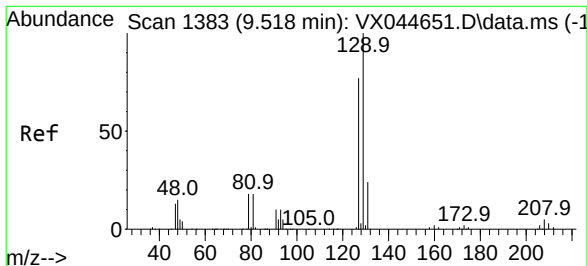
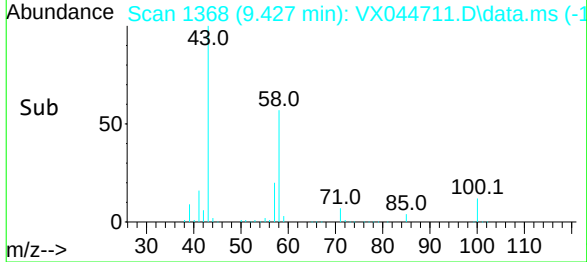
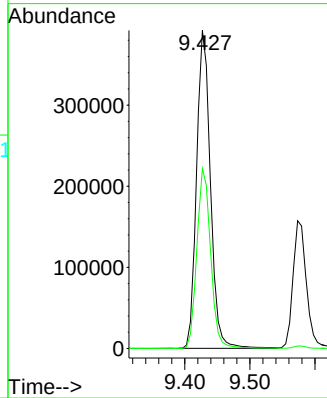
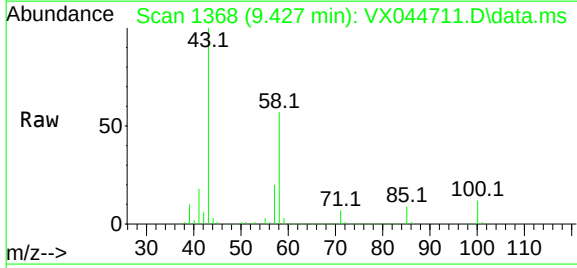
#59  
2-Hexanone  
Concen: 258.046 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. -0.006 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 578675  
Ion Ratio Lower Upper  
43 100  
58 56.5 27.8 83.3

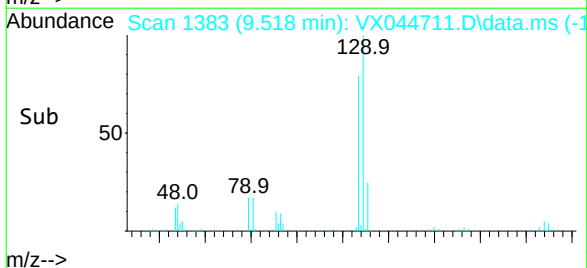
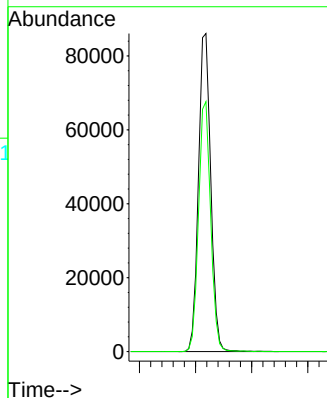
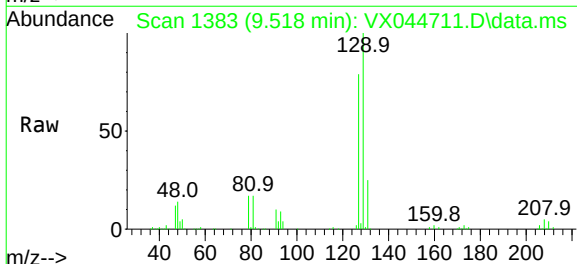
Manual Integrations  
APPROVED

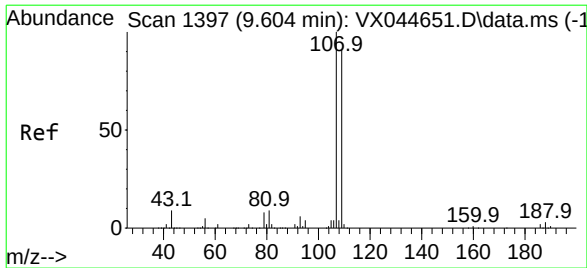
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#60  
Dibromochloromethane  
Concen: 51.638 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

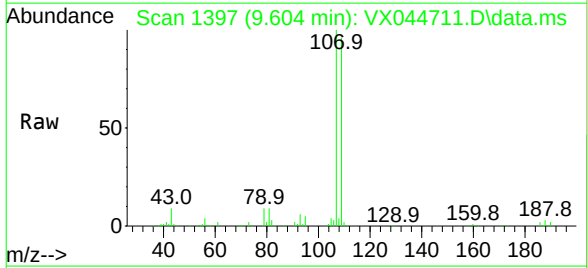
Tgt Ion:129 Resp: 130942  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 51.277 ug/l  
RT: 9.604 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

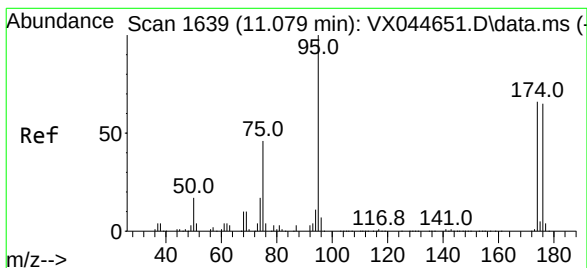
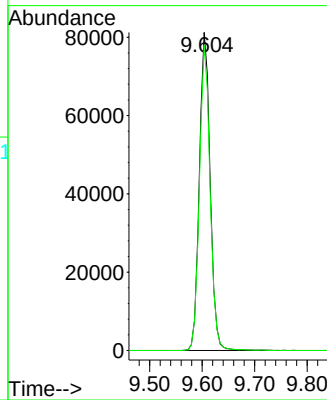
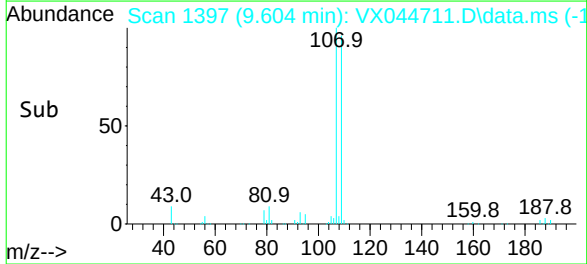
Instrument : MSVOA\_X  
ClientSampleId : VSTDCCC050



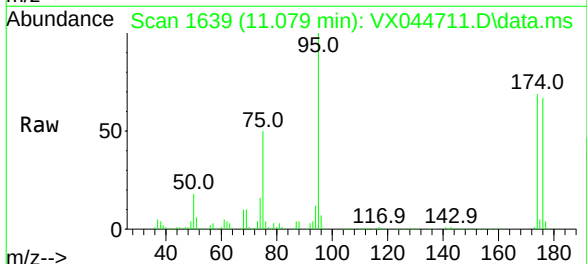
Tgt Ion: 107 Resp: 116099  
Ion Ratio Lower Upper  
107 100  
109 94.9 75.3 112.9

Manual Integrations  
APPROVED

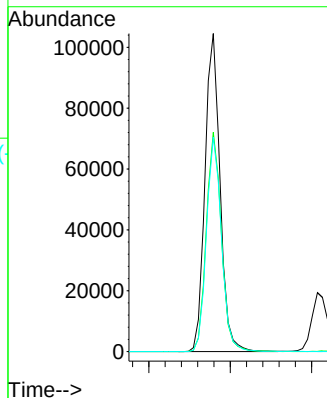
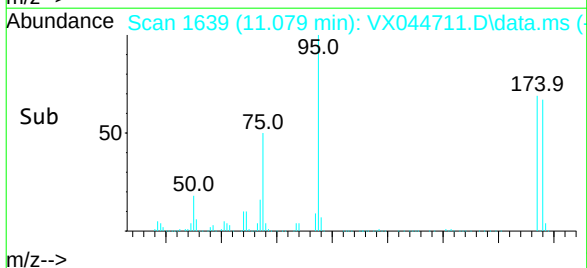
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

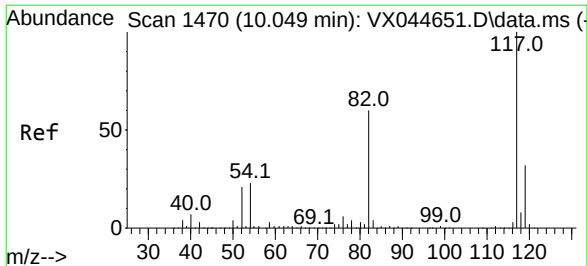


#62  
4-Bromofluorobenzene  
Concen: 51.142 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08



Tgt Ion: 95 Resp: 134456  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 133.0  
176 67.1 0.0 129.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

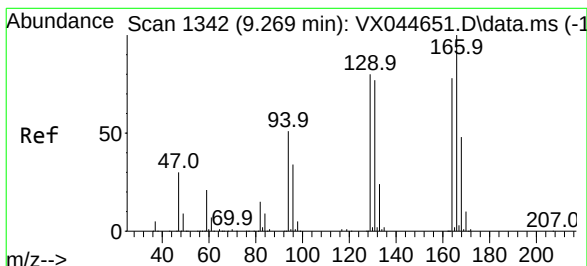
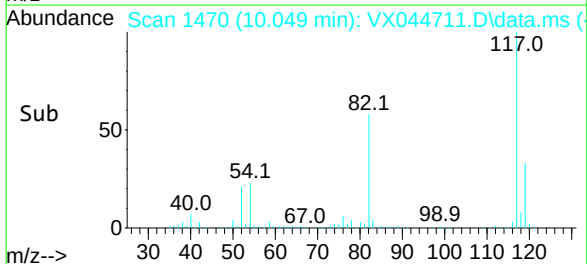
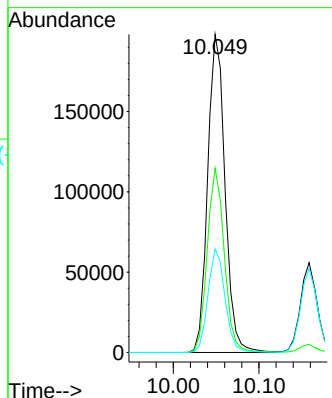
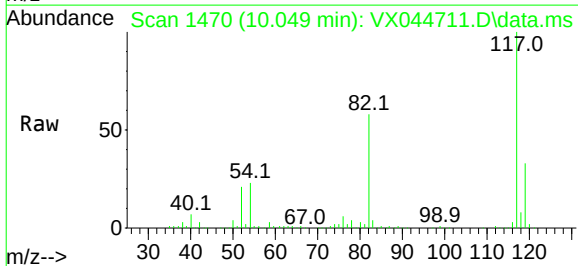
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 277935 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.9  | 47.6  | 71.4   |
| 119      | 32.6  | 25.4  | 38.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#64

Tetrachloroethene

Concen: 48.623 ug/l

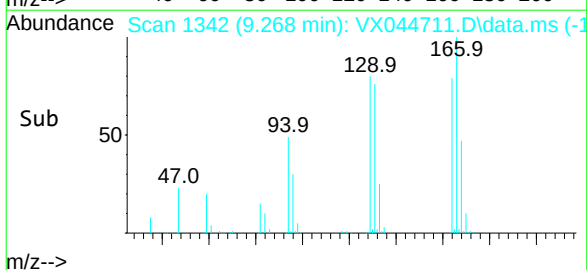
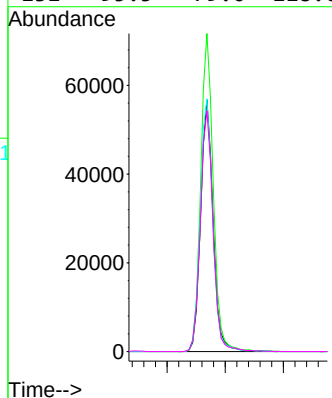
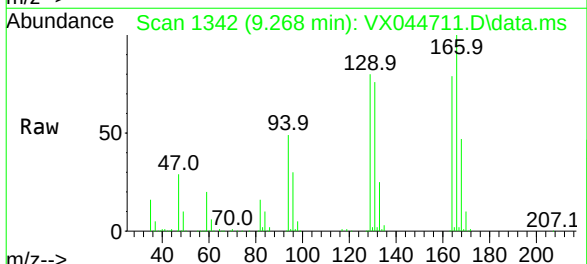
RT: 9.268 min Scan# 1342

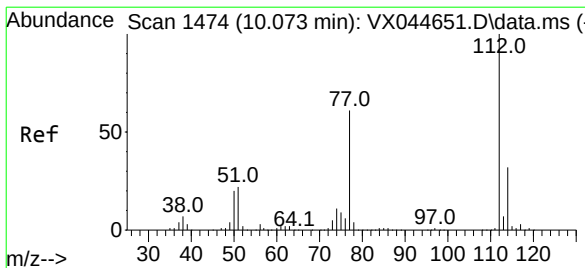
Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

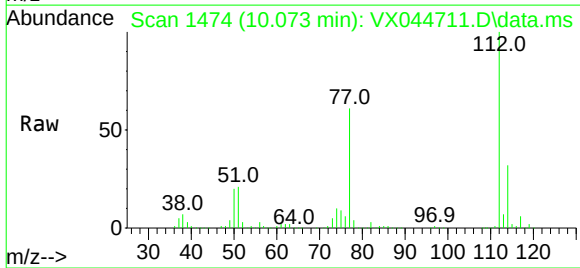
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 84859 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 126.3 | 102.0 | 153.0 |
| 129      | 100.4 | 81.1  | 121.7 |
| 131      | 95.5  | 79.0  | 118.6 |





#65  
Chlorobenzene  
Concen: 51.069 ug/l  
RT: 10.073 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

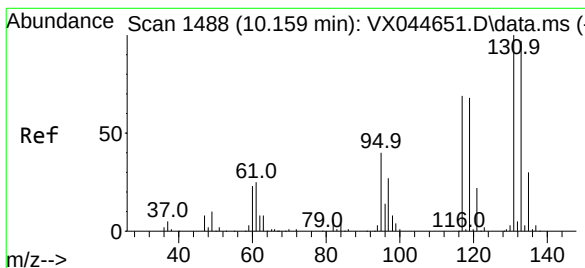
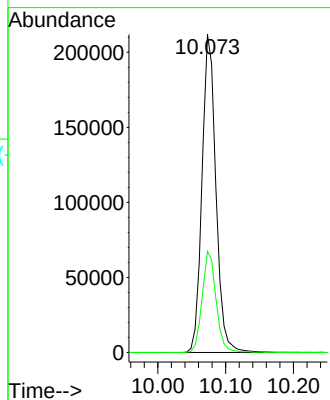
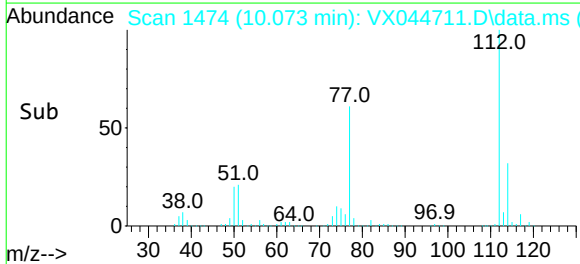
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



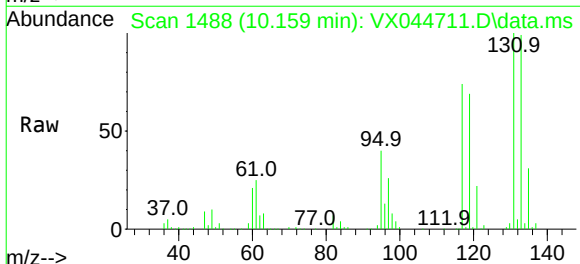
Tgt Ion:112 Resp: 301484  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.3 37.9

Manual Integrations  
APPROVED

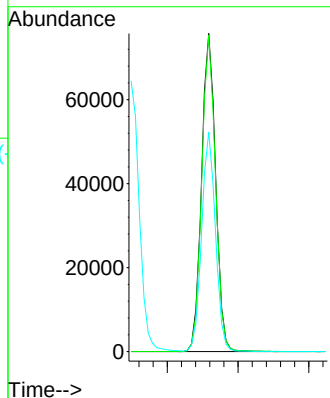
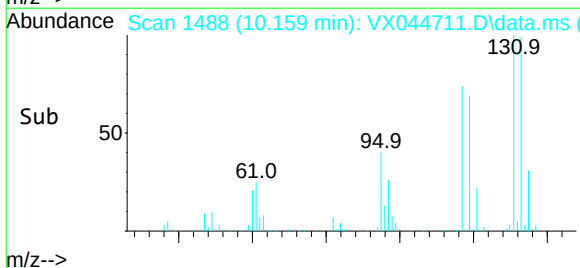
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

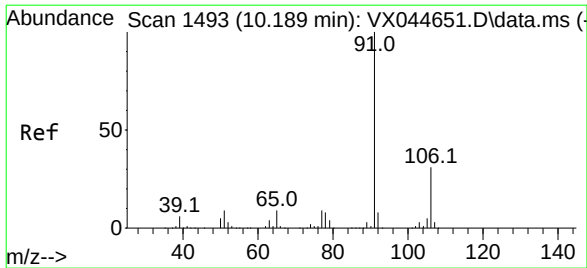


#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.599 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08



Tgt Ion:131 Resp: 104268  
Ion Ratio Lower Upper  
131 100  
133 97.3 47.8 143.3  
119 68.2 33.4 100.2





#67

Ethyl Benzene

Concen: 50.576 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 520975

Ion Ratio Lower Upper

91 100

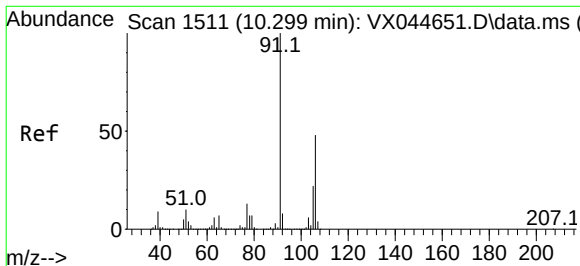
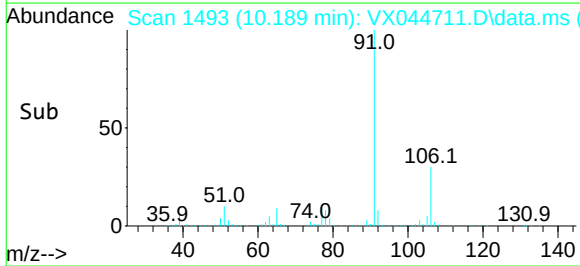
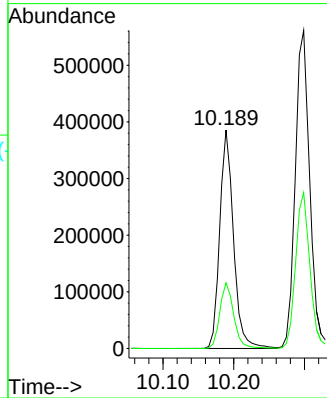
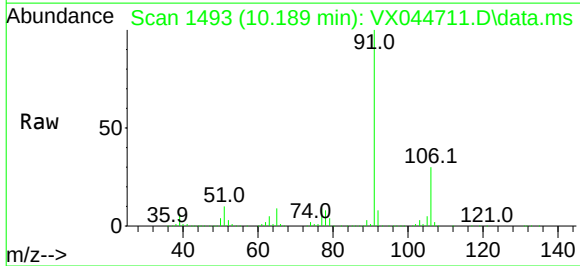
106 30.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#68

m/p-Xylenes

Concen: 102.049 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044711.D

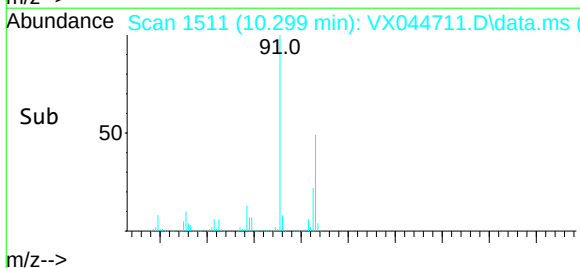
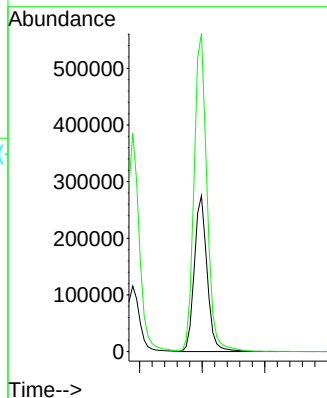
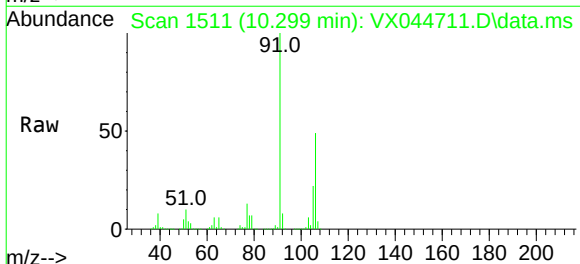
Acq: 27 Jan 2025 10:08

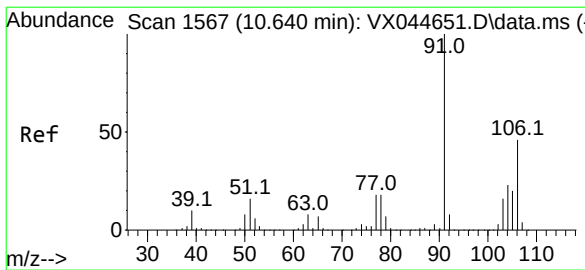
Tgt Ion:106 Resp: 390083

Ion Ratio Lower Upper

106 100

91 206.2 166.4 249.6





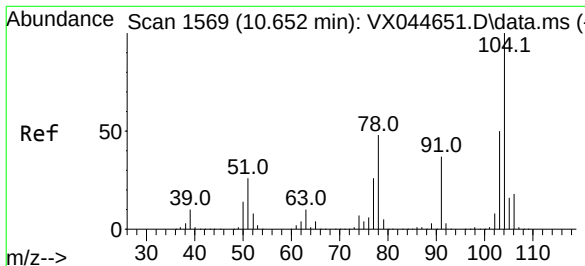
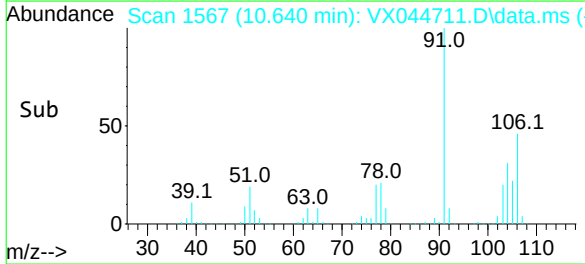
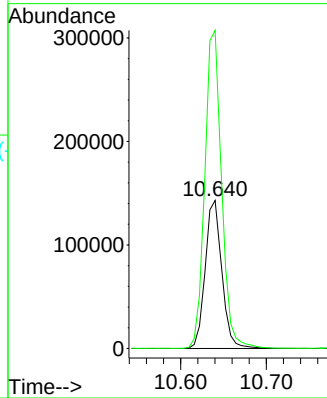
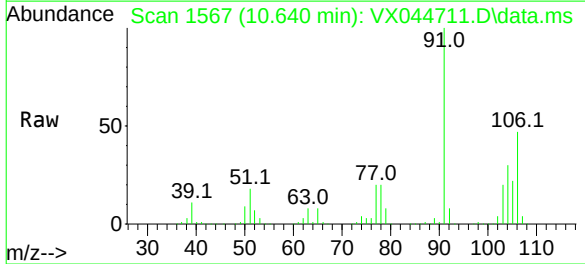
#69  
o-Xylene  
Concen: 49.989 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 193241  
Ion Ratio Lower Upper  
106 100  
91 216.6 108.7 326.3

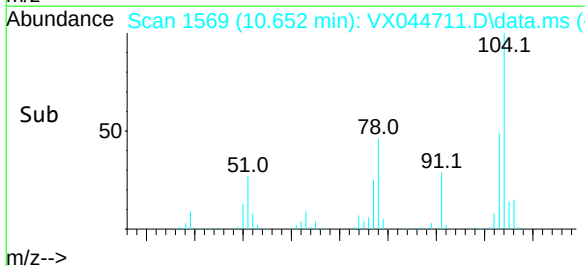
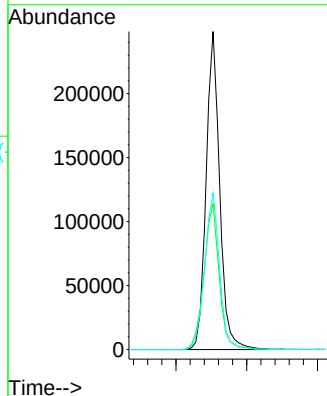
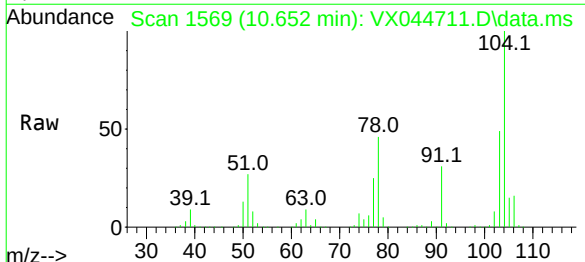
Manual Integrations  
APPROVED

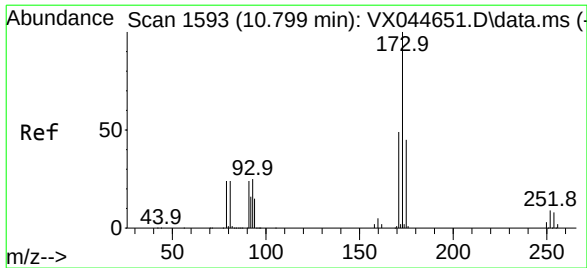
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#70  
Styrene  
Concen: 53.068 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:104 Resp: 331210  
Ion Ratio Lower Upper  
104 100  
78 51.5 43.0 64.6  
103 54.3 43.4 65.2





#71

Bromoform

Concen: 49.769 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

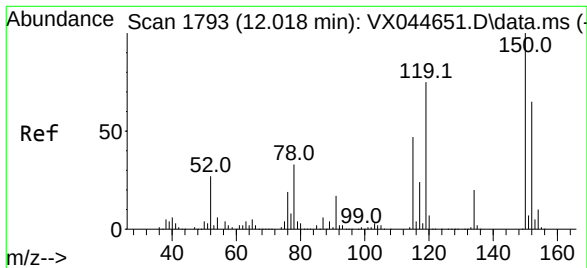
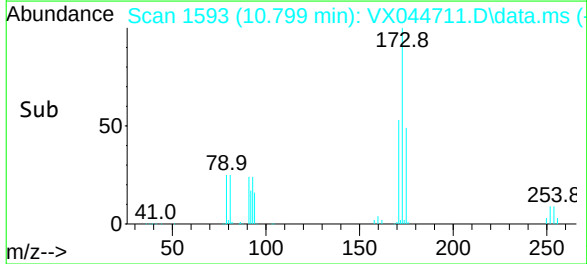
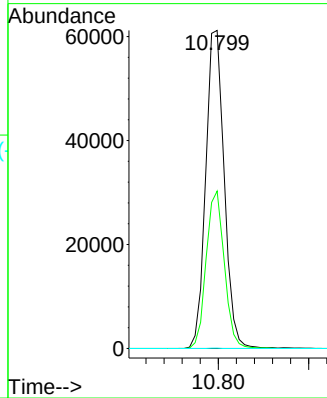
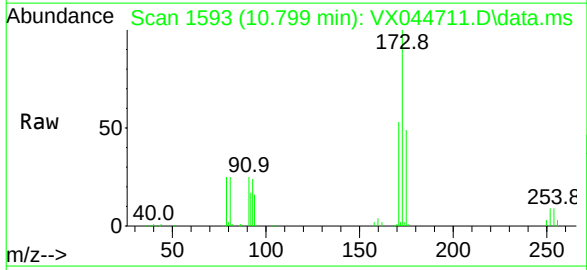
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 86906 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.5  | 23.6  | 70.8  |
| 254       | 0.1   | 0.1   | 0.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

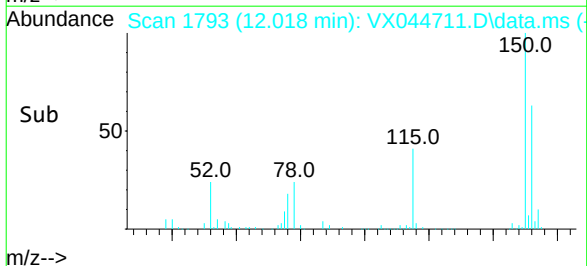
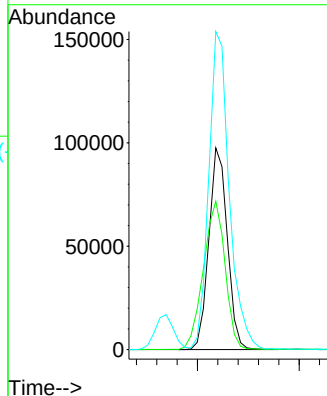
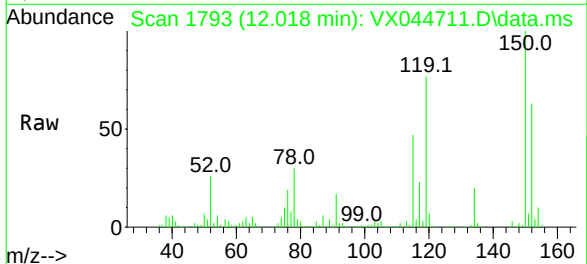
RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

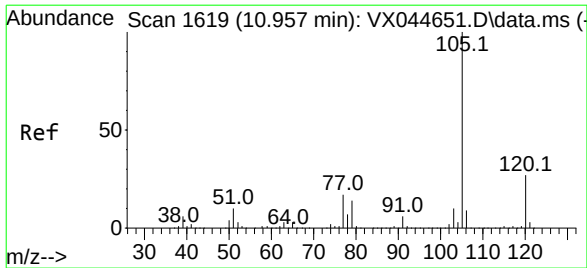
Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 123095 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 86.6  | 43.8  | 131.4  |
| 150       | 175.6 | 0.0   | 347.8  |







#73

Isopropylbenzene

Concen: 47.772 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 480397

Ion Ratio Lower Upper

105 100

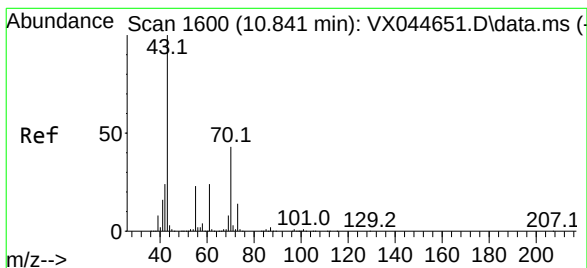
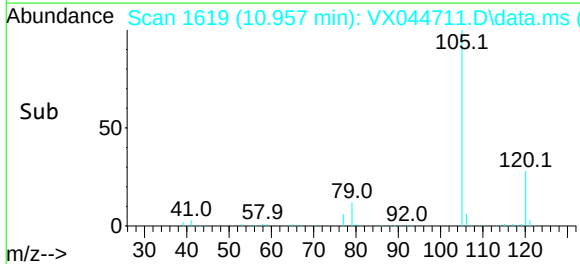
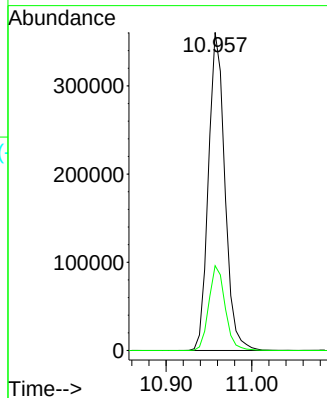
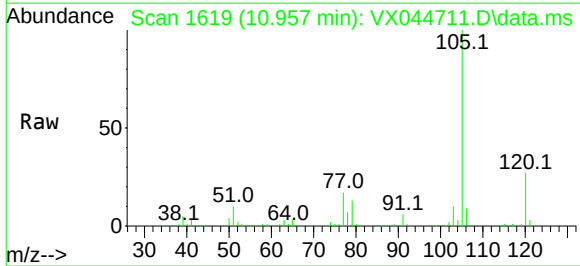
120 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#74

N-ethyl acetate

Concen: 48.507 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Tgt Ion: 43 Resp: 240430

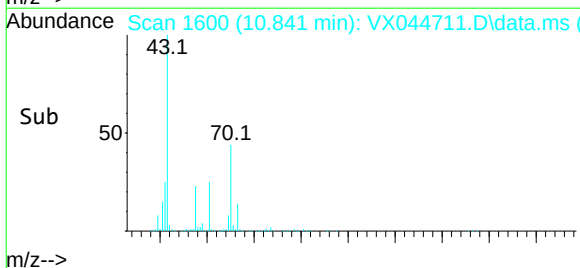
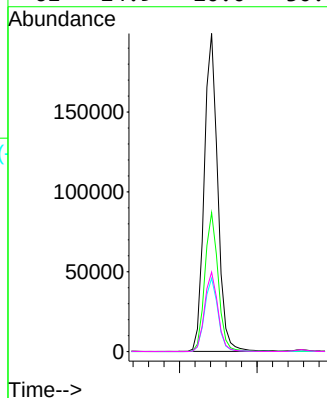
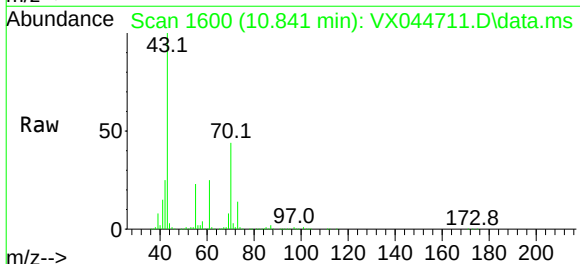
Ion Ratio Lower Upper

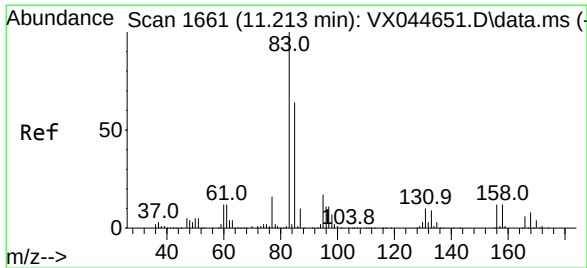
43 100

70 43.2 35.2 52.8

55 23.0 19.0 28.4

61 24.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.822 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

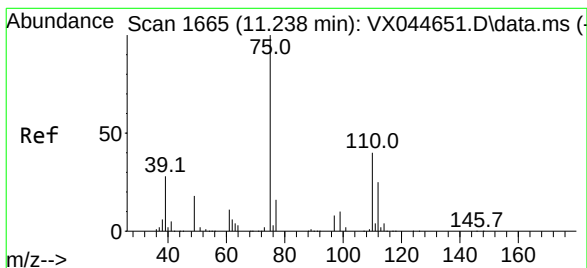
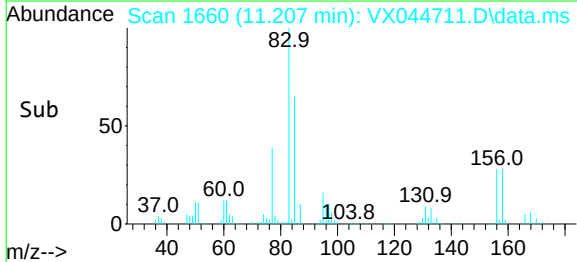
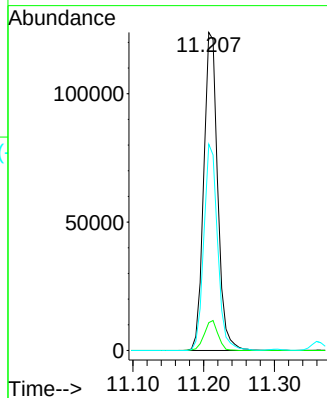
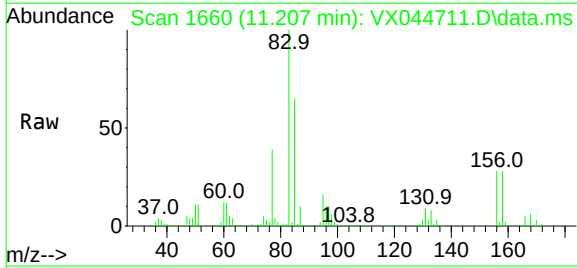
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 169562 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 9.3   | 5.0   | 14.9   |
| 85       | 64.2  | 32.0  | 96.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#76

1,2,3-Trichloropropane

Concen: 47.797 ug/l m

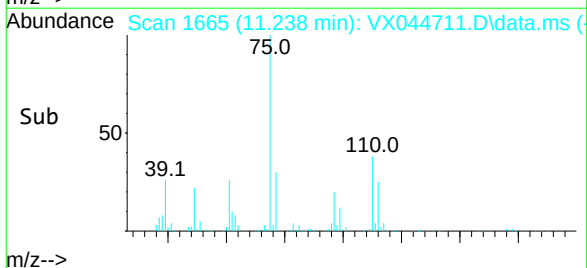
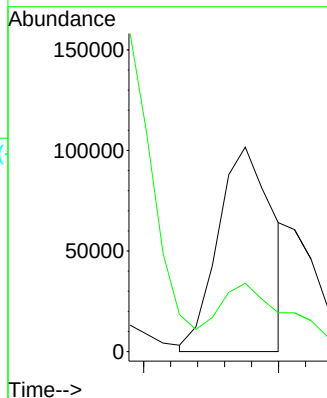
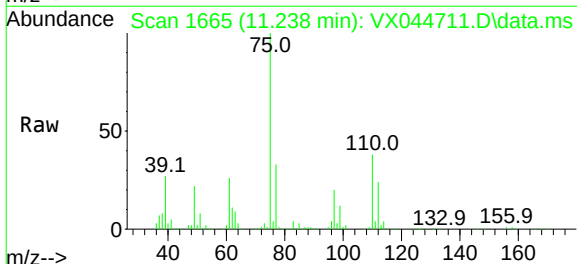
RT: 11.238 min Scan# 1665

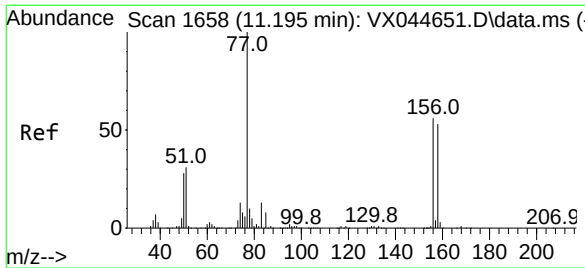
Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 142785 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 43.7  | 23.4  | 70.2   |





#77

Bromobenzene

Concen: 49.729 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

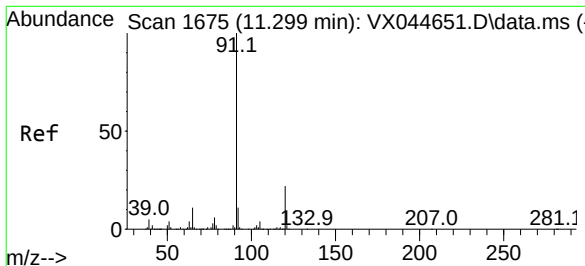
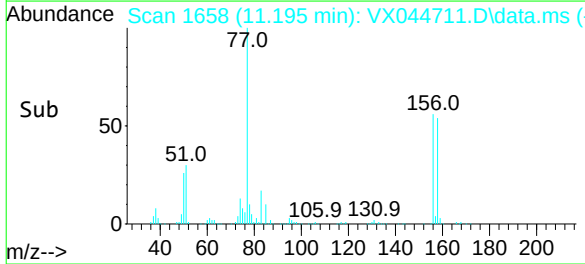
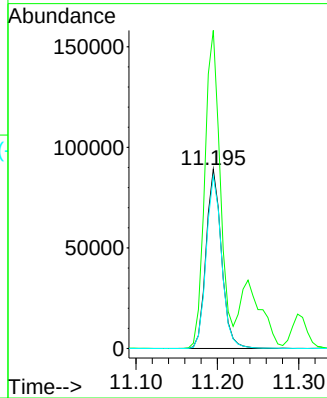
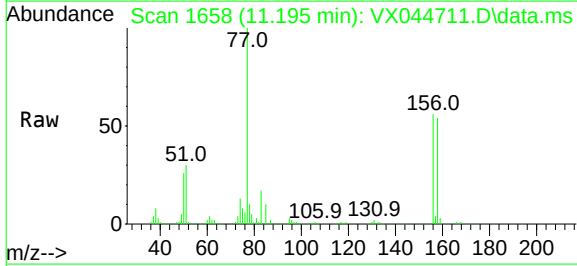
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 116886 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 178.6 | 90.3  | 271.0  |
| 158       | 96.7  | 48.4  | 145.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#78

n-propylbenzene

Concen: 50.743 ug/l

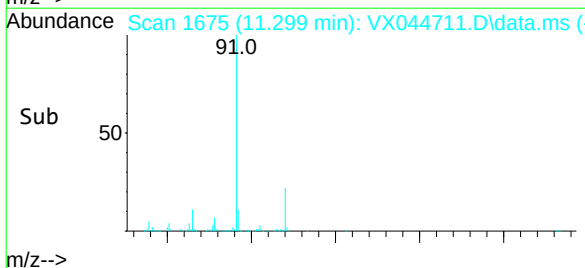
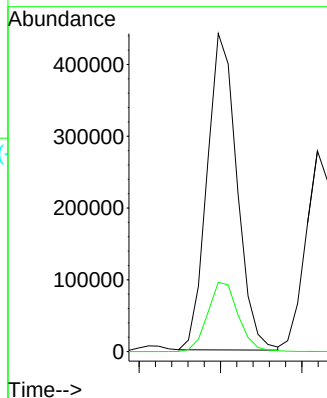
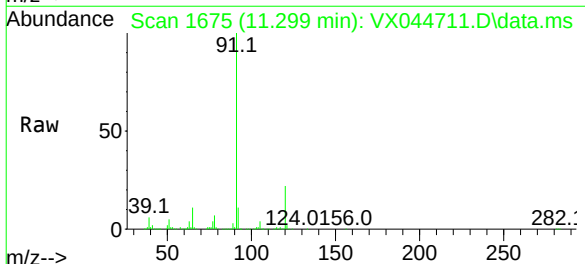
RT: 11.299 min Scan# 1675

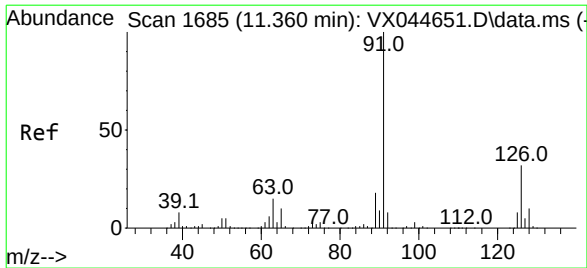
Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 562742 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.5  | 11.4  | 34.1   |





#79

2-Chlorotoluene

Concen: 48.661 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 348599

Ion Ratio Lower Upper

91 100

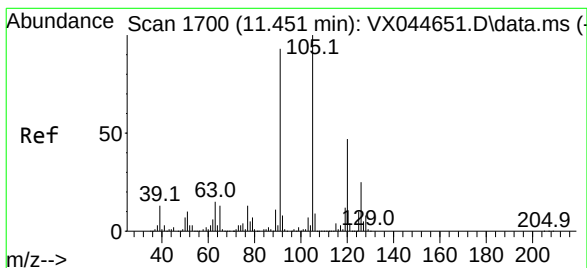
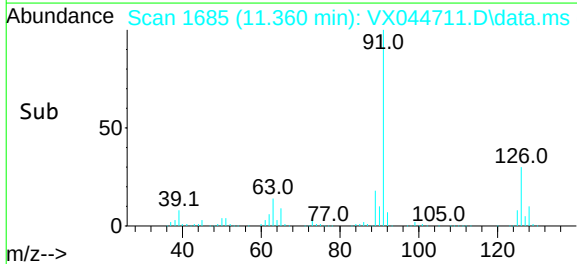
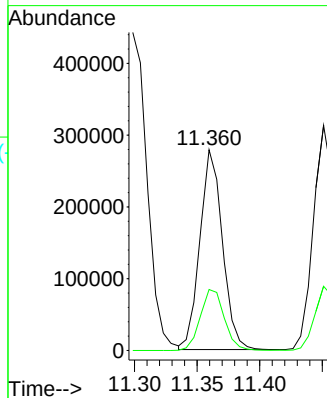
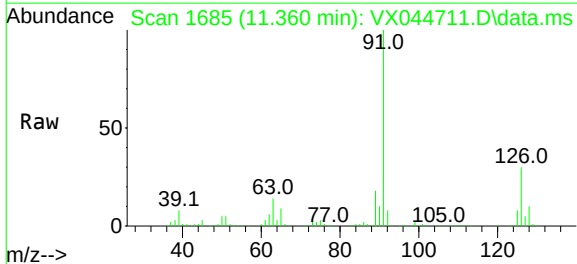
126 32.6 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 49.198 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044711.D

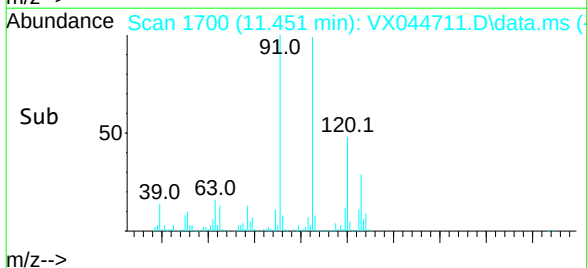
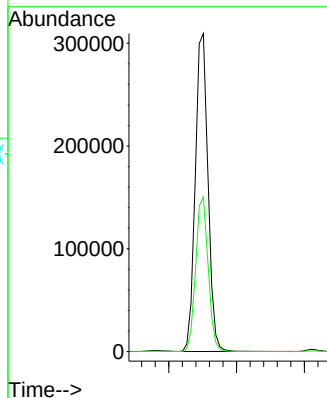
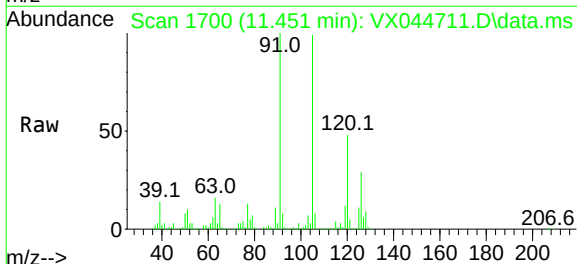
Acq: 27 Jan 2025 10:08

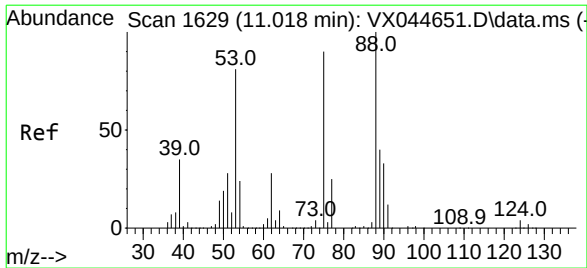
Tgt Ion:105 Resp: 402748

Ion Ratio Lower Upper

105 100

120 48.0 23.7 71.1





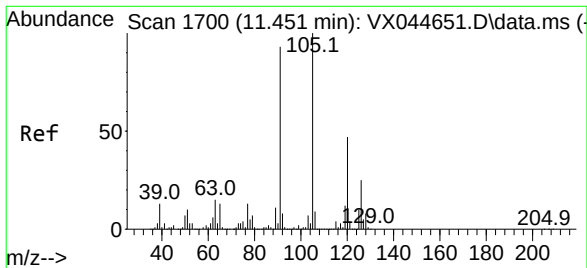
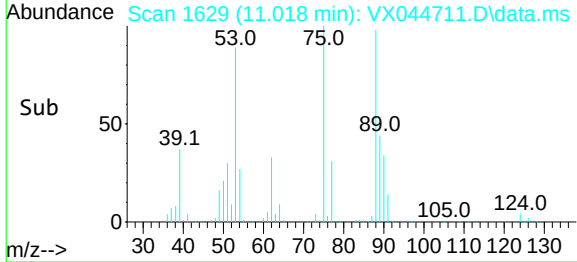
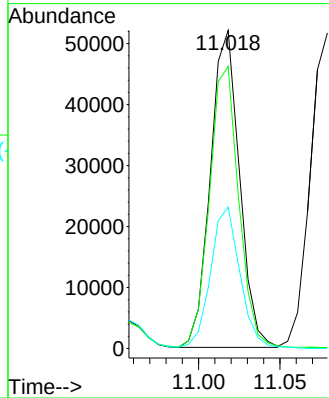
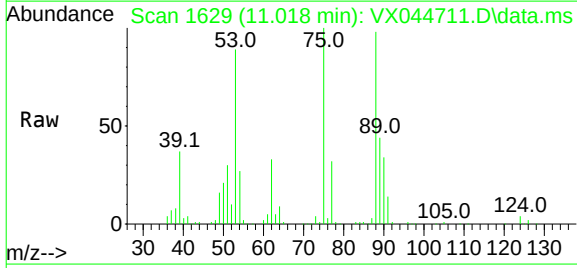
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.439 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument : MSVOA\_X  
ClientSampleId : VSTDCCC050

Tgt Ion: 75 Resp: 64582  
Ion Ratio Lower Upper  
75 100  
53 90.9 74.3 111.5  
89 45.4 37.4 56.0

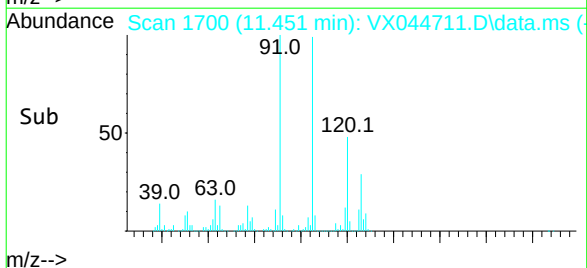
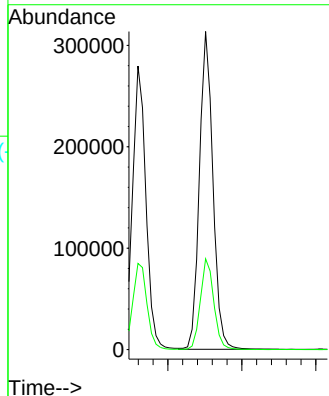
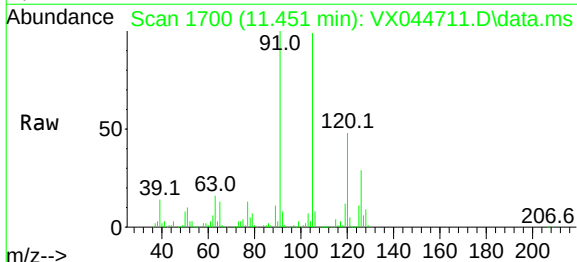
Manual Integrations  
APPROVED

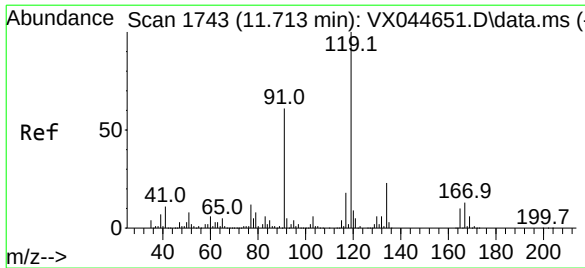
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#82  
4-Chlorotoluene  
Concen: 50.588 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion: 91 Resp: 396992  
Ion Ratio Lower Upper  
91 100  
126 28.5 13.9 41.7





#83

tert-Butylbenzene

Concen: 46.992 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 402232

Ion Ratio Lower Upper

119 100

91 57.8 30.0 90.0

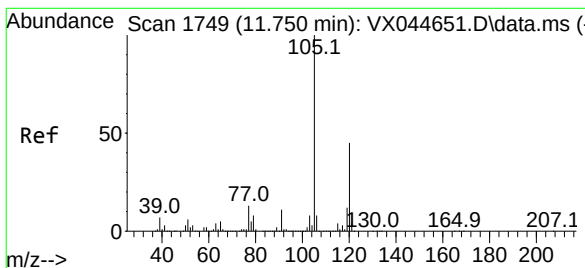
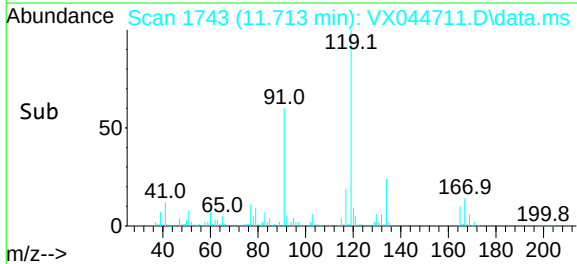
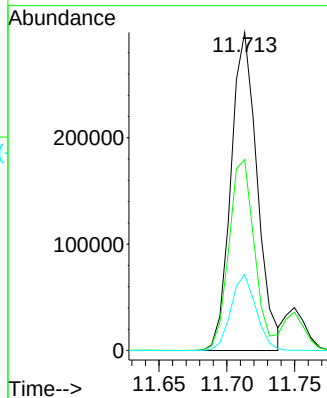
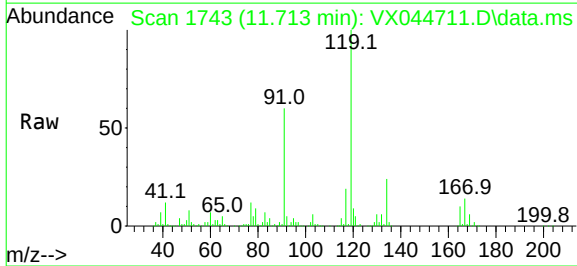
134 22.8 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 48.633 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044711.D

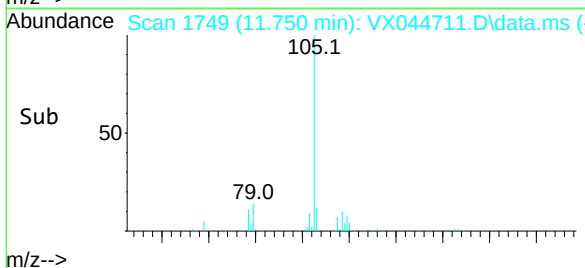
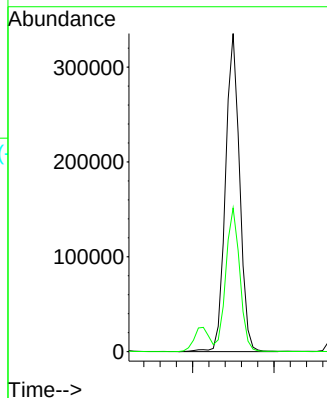
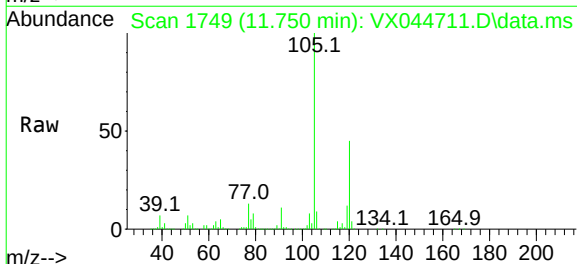
Acq: 27 Jan 2025 10:08

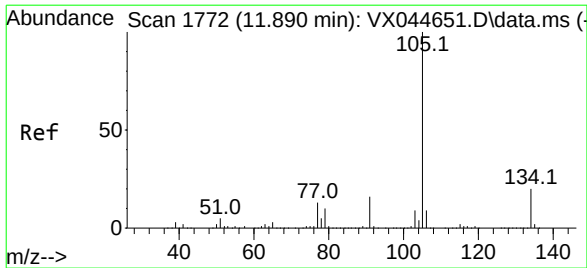
Tgt Ion:105 Resp: 404571

Ion Ratio Lower Upper

105 100

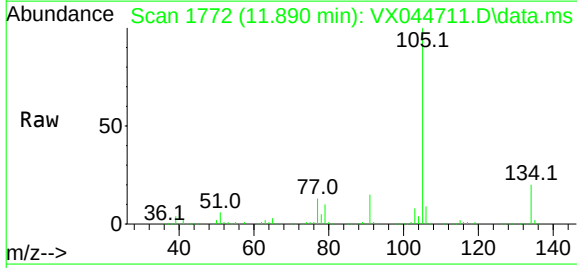
120 44.8 22.2 66.6





#85  
sec-Butylbenzene  
Concen: 49.309 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

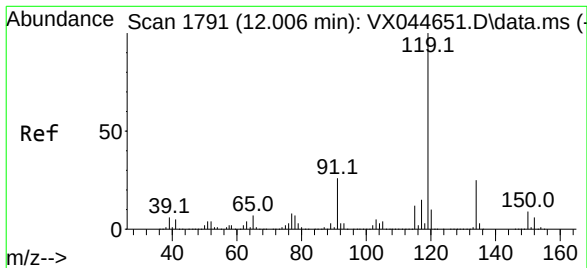
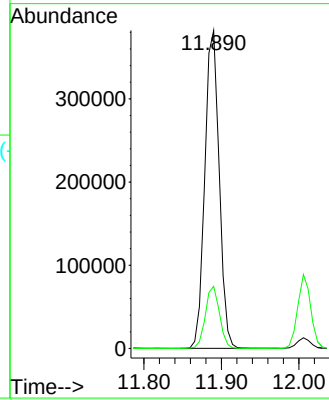
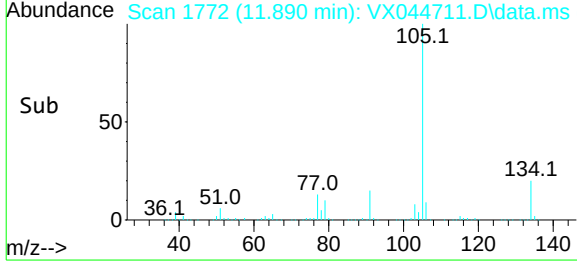
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



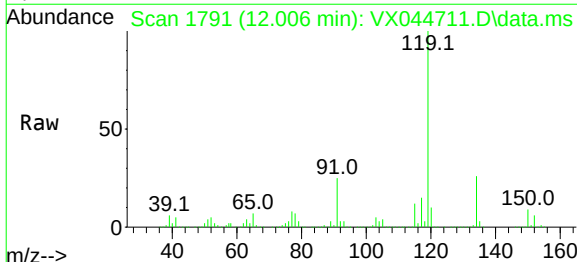
Tgt Ion:105 Resp: 491434  
Ion Ratio Lower Upper  
105 100  
134 19.3 9.8 29.5

Manual Integrations  
APPROVED

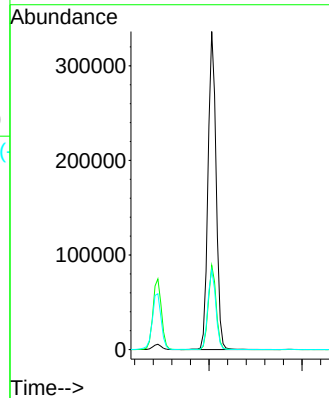
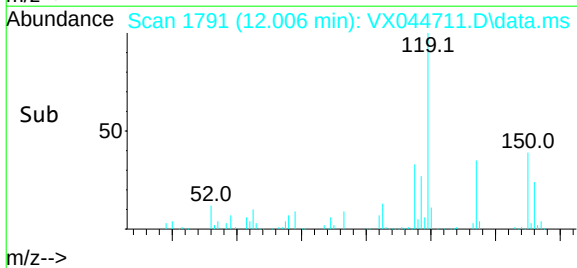
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025

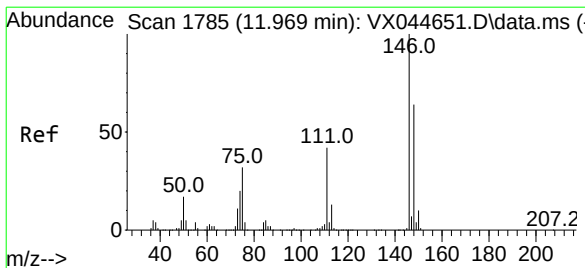


#86  
p-Isopropyltoluene  
Concen: 49.439 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08



Tgt Ion:119 Resp: 404929  
Ion Ratio Lower Upper  
119 100  
134 25.7 12.8 38.4  
91 24.7 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 52.016 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

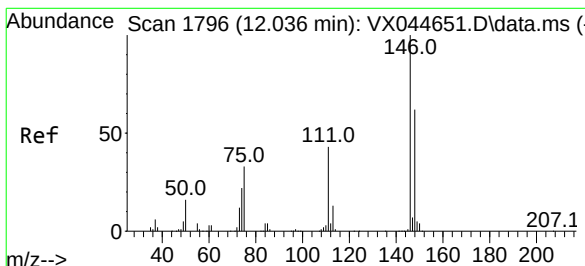
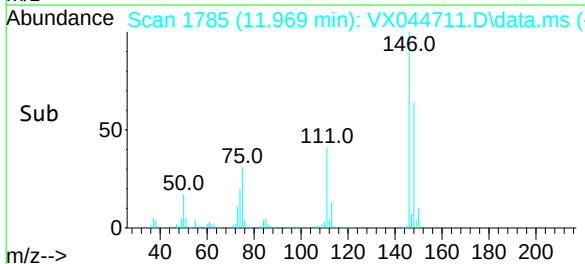
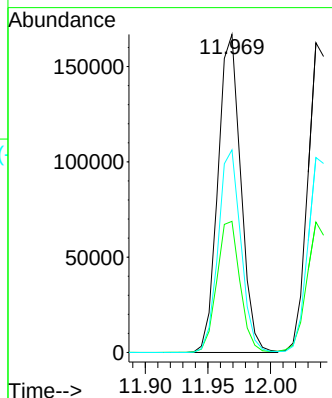
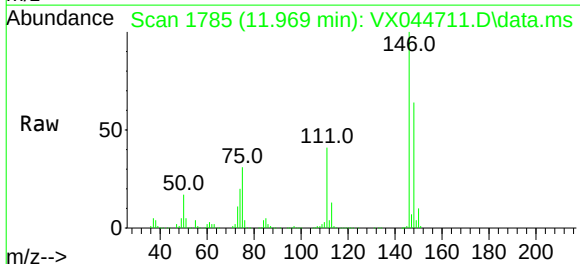
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 212027 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.0  | 21.9  | 65.7   |
| 148       | 63.3  | 31.8  | 95.4   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#88

1,4-Dichlorobenzene

Concen: 51.247 ug/l

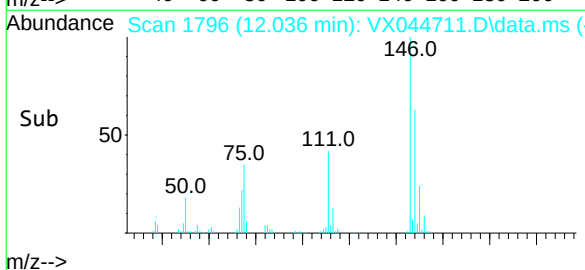
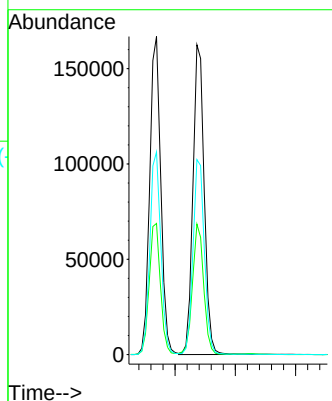
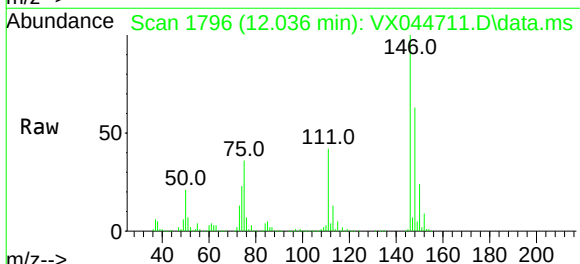
RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

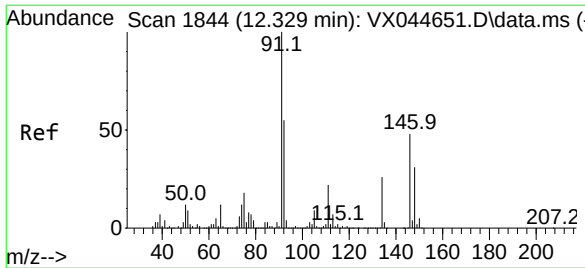
Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 211171 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.6  | 21.5  | 64.5   |
| 148       | 63.1  | 32.1  | 96.5   |

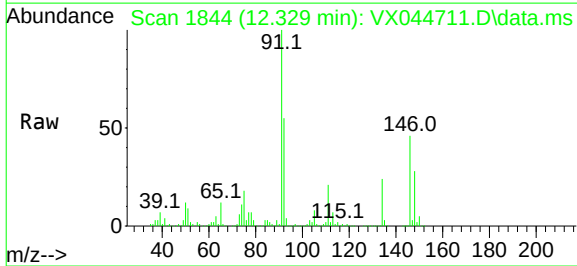






#89  
n-Butylbenzene  
Concen: 52.602 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

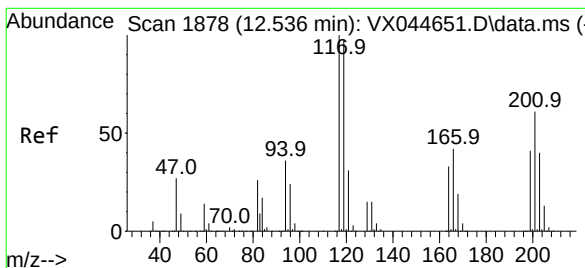
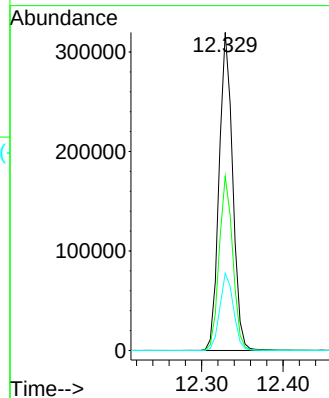
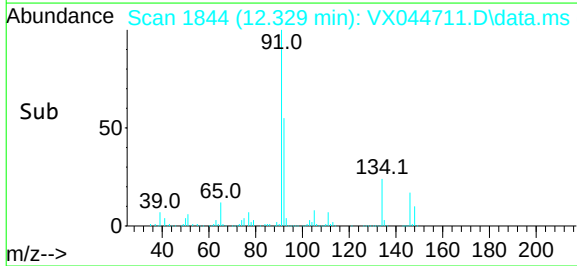
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 370043  
Ion Ratio Lower Upper  
91 100  
92 54.7 27.4 82.0  
134 24.6 12.8 38.3

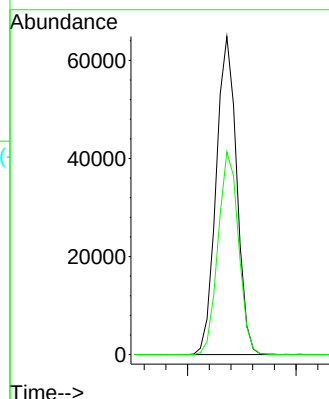
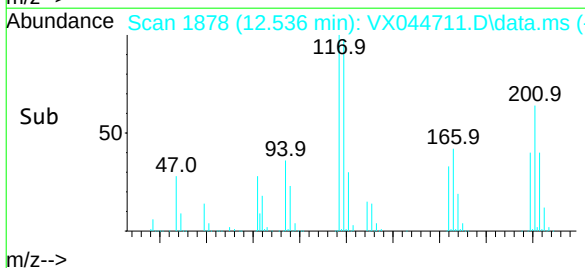
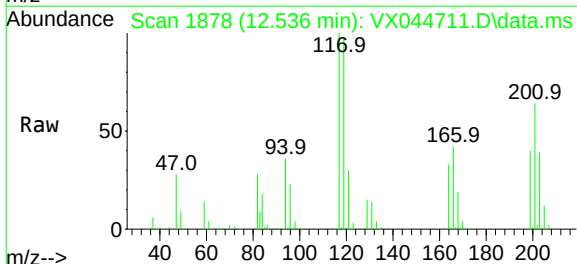
Manual Integrations  
APPROVED

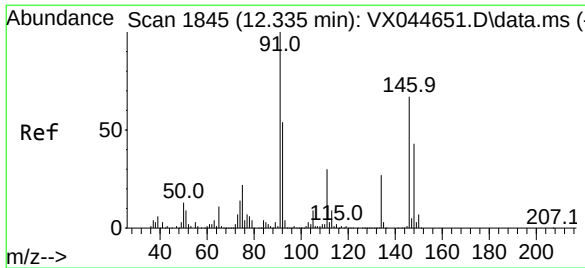
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#90  
Hexachloroethane  
Concen: 45.956 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:117 Resp: 85234  
Ion Ratio Lower Upper  
117 100  
201 63.5 32.3 96.8





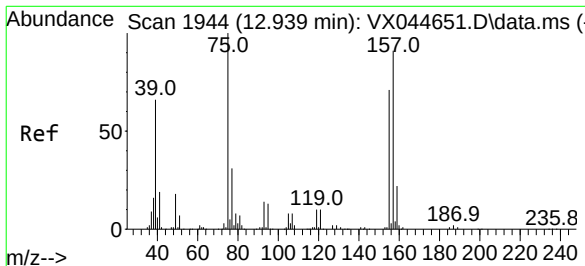
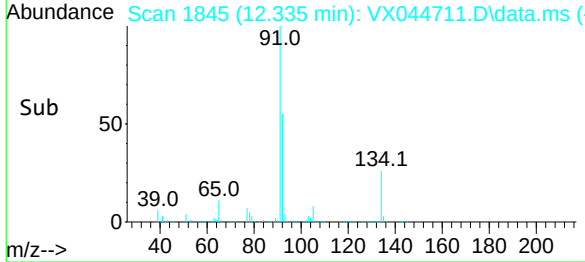
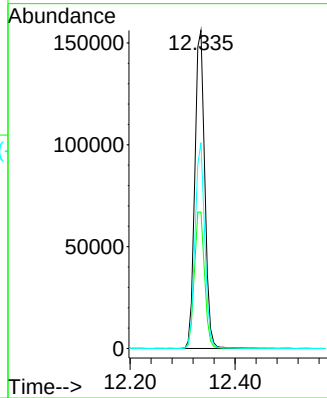
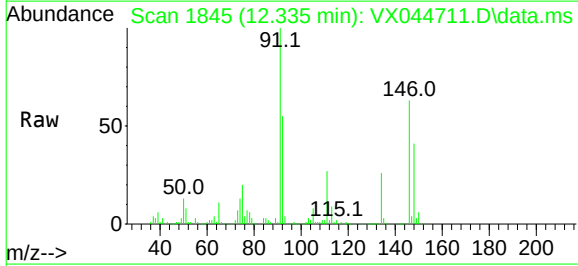
#91  
1,2-Dichlorobenzene  
Concen: 48.972 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:146 Resp: 205003  
Ion Ratio Lower Upper  
146 100  
111 44.1 22.4 67.2  
148 63.4 31.6 94.8

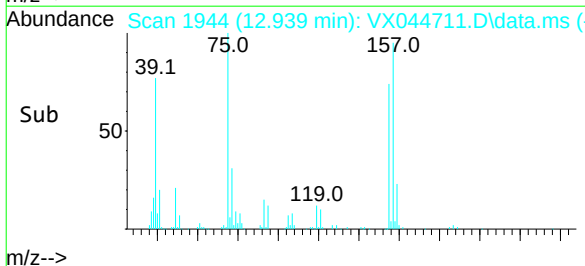
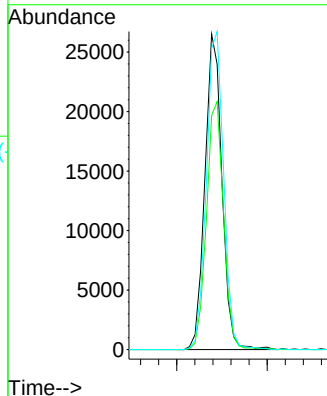
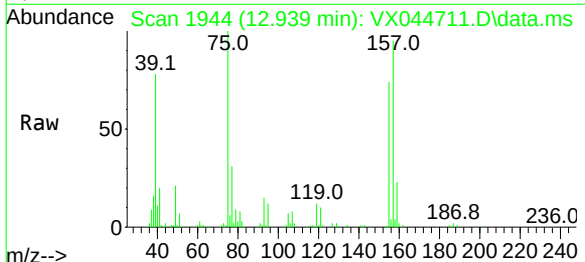
Manual Integrations  
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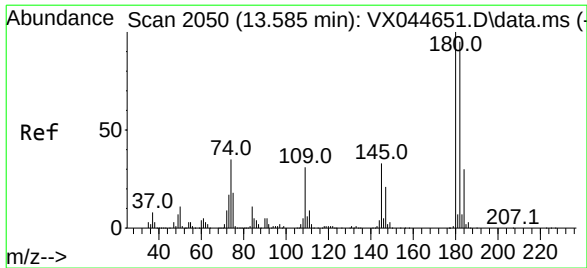
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.823 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

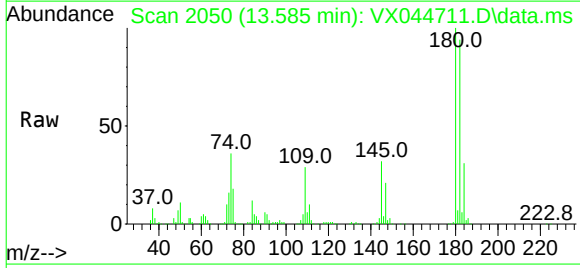
Tgt Ion: 75 Resp: 34674  
Ion Ratio Lower Upper  
75 100  
155 79.1 39.0 116.9  
157 101.9 49.9 149.7





#93  
1,2,4-Trichlorobenzene  
Concen: 52.765 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

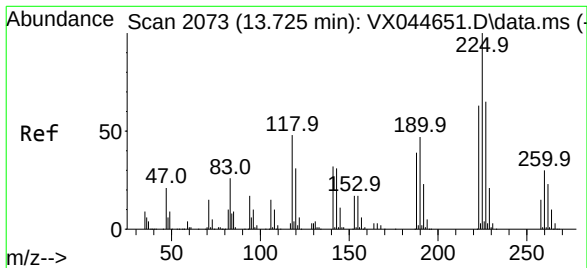
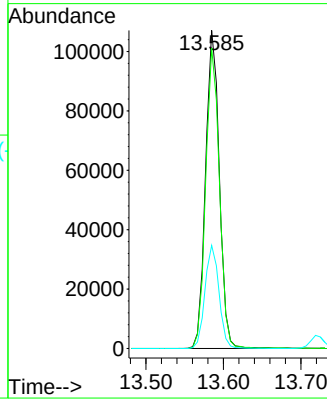
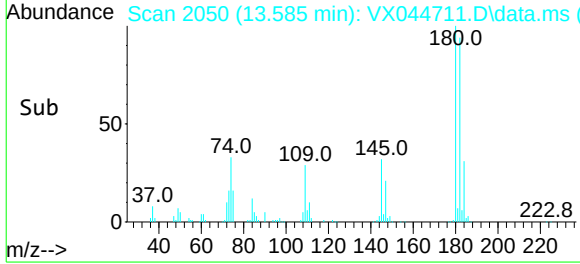
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion:180 Resp: 132044  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.4 142.2  
145 33.0 16.7 50.1

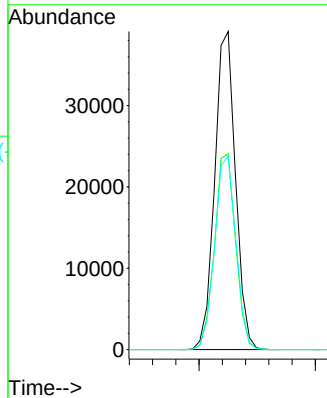
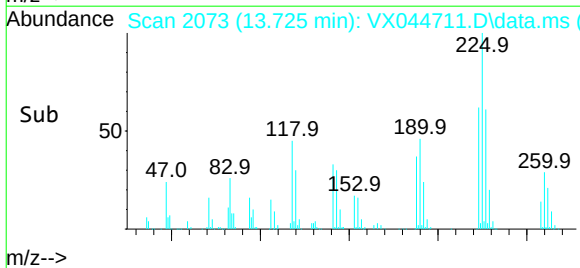
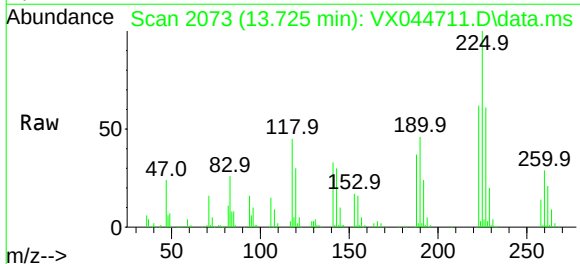
Manual Integrations  
APPROVED

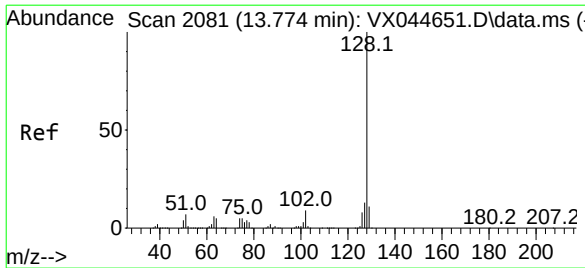
Reviewed By :John Carlone 01/28/2025  
Supervised By :Mahesh Dadoda 01/28/2025



#94  
Hexachlorobutadiene  
Concen: 49.450 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX044711.D  
Acq: 27 Jan 2025 10:08

Tgt Ion:225 Resp: 48609  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.9 95.7  
227 62.1 31.8 95.4





#95

Naphthalene

Concen: 50.197 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

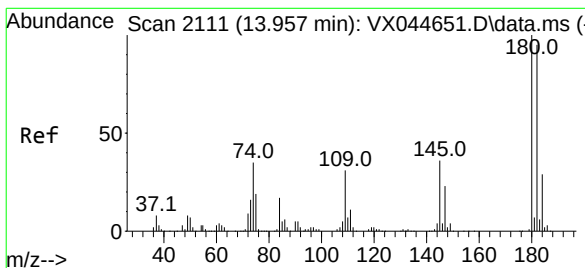
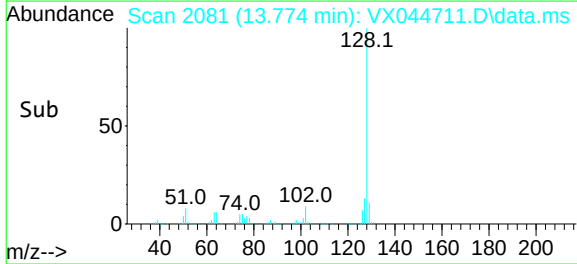
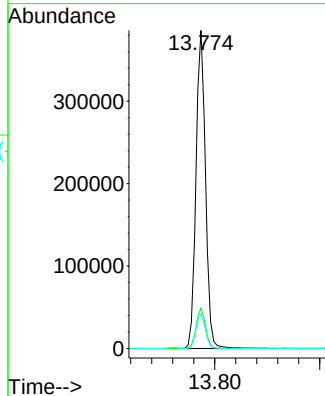
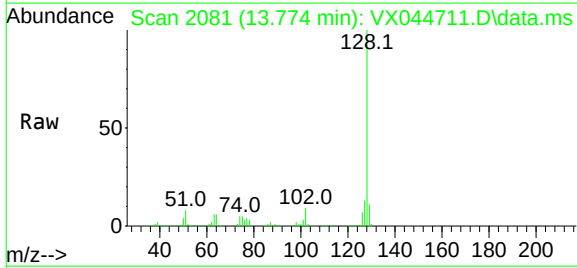
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 484495 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.6  | 10.3  | 15.5   |
| 129      | 10.8  | 8.7   | 13.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2025

Supervised By :Mahesh Dadoda 01/28/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.628 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044711.D

Acq: 27 Jan 2025 10:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 133922 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.8  | 47.2  | 141.6  |
| 145      | 35.4  | 17.5  | 52.6   |

