

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092925\  
 Data File : VN087976.D  
 Acq On : 29 Sep 2025 12:35  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/30/2025  
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 05:05:30 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.206          | 168  | 222575              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.082          | 114  | 417957              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.847         | 117  | 412483              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.770         | 152  | 226671              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.565          | 65   | 190280              | 50.799  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 101.600% |         |        |          |
| 35) Dibromofluoromethane     | 8.153          | 113  | 144472              | 47.608  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 95.220%  |         |        |          |
| 50) Toluene-d8               | 10.547         | 98   | 513109              | 48.082  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 96.160%  |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.829         | 95   | 183246              | 48.039  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = 96.080%  |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 122259              | 47.431  | ug/l   | 99       |
| 3) Chloromethane             | 2.383          | 50   | 134350              | 50.905  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.536          | 62   | 134746              | 50.043  | ug/l   | 94       |
| 5) Bromomethane              | 2.959          | 94   | 86315               | 51.708  | ug/l   | 92       |
| 6) Chloroethane              | 3.130          | 64   | 95364               | 54.470  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.506          | 101  | 226626              | 51.694  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.959          | 74   | 86786               | 52.400  | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359          | 101  | 117933              | 50.897  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.571          | 142  | 127211              | 61.001  | ug/l # | 94       |
| 11) Tert butyl alcohol       | 5.536          | 59   | 160004              | 296.567 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 122291              | 52.307  | ug/l   | 93       |
| 13) Acrolein                 | 4.177          | 56   | 192264              | 277.734 | ug/l   | 96       |
| 14) Allyl chloride           | 5.012          | 41   | 191934              | 50.426  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.712          | 53   | 479220              | 283.170 | ug/l   | 99       |
| 16) Acetone                  | 4.424          | 43   | 397290              | 257.784 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.700          | 76   | 341770              | 46.787  | ug/l   | 96       |
| 18) Methyl Acetate           | 5.018          | 43   | 240925              | 62.465  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.783          | 73   | 495433              | 54.246  | ug/l   | 96       |
| 20) Methylene Chloride       | 5.253          | 84   | 158078              | 50.674  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.771          | 96   | 144286              | 50.342  | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.659          | 45   | 495079              | 55.718  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.594          | 43   | 1980867             | 264.770 | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.547          | 63   | 272002              | 52.397  | ug/l   | 99       |
| 25) 2-Butanone               | 7.471          | 43   | 671031              | 284.864 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.471          | 77   | 203028              | 44.020  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.471          | 96   | 176839              | 51.855  | ug/l   | 99       |
| 28) Bromochloromethane       | 7.800          | 49   | 133764              | 47.427  | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.830          | 42   | 440503              | 292.045 | ug/l   | 99       |
| 30) Chloroform               | 7.947          | 83   | 303552              | 53.479  | ug/l   | 98       |
| 31) Cyclohexane              | 8.241          | 56   | 200263              | 47.678  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 8.153          | 97   | 256632              | 53.508  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.353          | 75   | 184964              | 50.690  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.547          | 43   | 260340              | 54.332  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.341          | 117  | 208411              | 49.774  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.582          | 83   | 192580              | 47.842  | ug/l   | 94       |
| 40) Benzene                  | 8.588          | 78   | 626304              | 51.839  | ug/l   | 100      |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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Reviewed By : John Carlone 09/30/2025  
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 24 05:05:30 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 136759   | 55.227   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 231256   | 51.291   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.677  | 43   | 403553   | 53.505   | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 143026   | 49.560   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 161428   | 53.284   | ug/l   | 98       |
| 46) Dibromomethane            | 9.688  | 93   | 126563   | 52.943   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.871  | 83   | 248561   | 53.012   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.665  | 41   | 189051   | 54.126   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 62443    | 1210.147 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 1363570  | 289.726  | ug/l   | 99       |
| 52) Toluene                   | 10.612 | 92   | 398890   | 52.612   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 242737   | 50.584   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 252901   | 50.743   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 164820   | 53.466   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.859 | 69   | 253380   | 56.883   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 271109   | 53.469   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 706565   | 337.365  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.176 | 43   | 919964   | 295.620  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.341 | 129  | 188558   | 52.023   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 172008   | 52.707   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 121765   | 48.461   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.870 | 112  | 443168   | 50.487   | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 161449   | 51.003   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.941 | 91   | 736637   | 50.293   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.053 | 106  | 580478   | 103.624  | ug/l   | 100      |
| 69) o-Xylene                  | 12.376 | 106  | 273874   | 50.888   | ug/l   | 100      |
| 70) Styrene                   | 12.388 | 104  | 489792   | 52.989   | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 136469   | 53.138   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.676 | 105  | 710303   | 50.561   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.506 | 43   | 216127m  | 46.691   | ug/l   |          |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 260431   | 51.451   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 212261m  | 47.505   | ug/l   |          |
| 77) Bromobenzene              | 12.959 | 156  | 190479   | 50.960   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.012 | 91   | 873432   | 49.728   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 523153   | 48.917   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 623358   | 51.299   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 78392    | 48.718   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 560511   | 52.013   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 522293   | 50.780   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 647417   | 51.943   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 759591   | 50.372   | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 640822   | 50.175   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 370068   | 50.735   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 378118   | 50.442   | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.035 | 91   | 603893   | 50.033   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.311 | 117  | 129537   | 48.555   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 354388   | 50.405   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 60895    | 51.776   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 206986   | 49.861   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 75705    | 49.547   | ug/l   | 99       |
| 95) Naphthalene               | 15.611 | 128  | 705336   | 52.931   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 198006   | 49.063   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092325W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 24 05:05:30 2025  
Response via : Initial Calibration

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

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

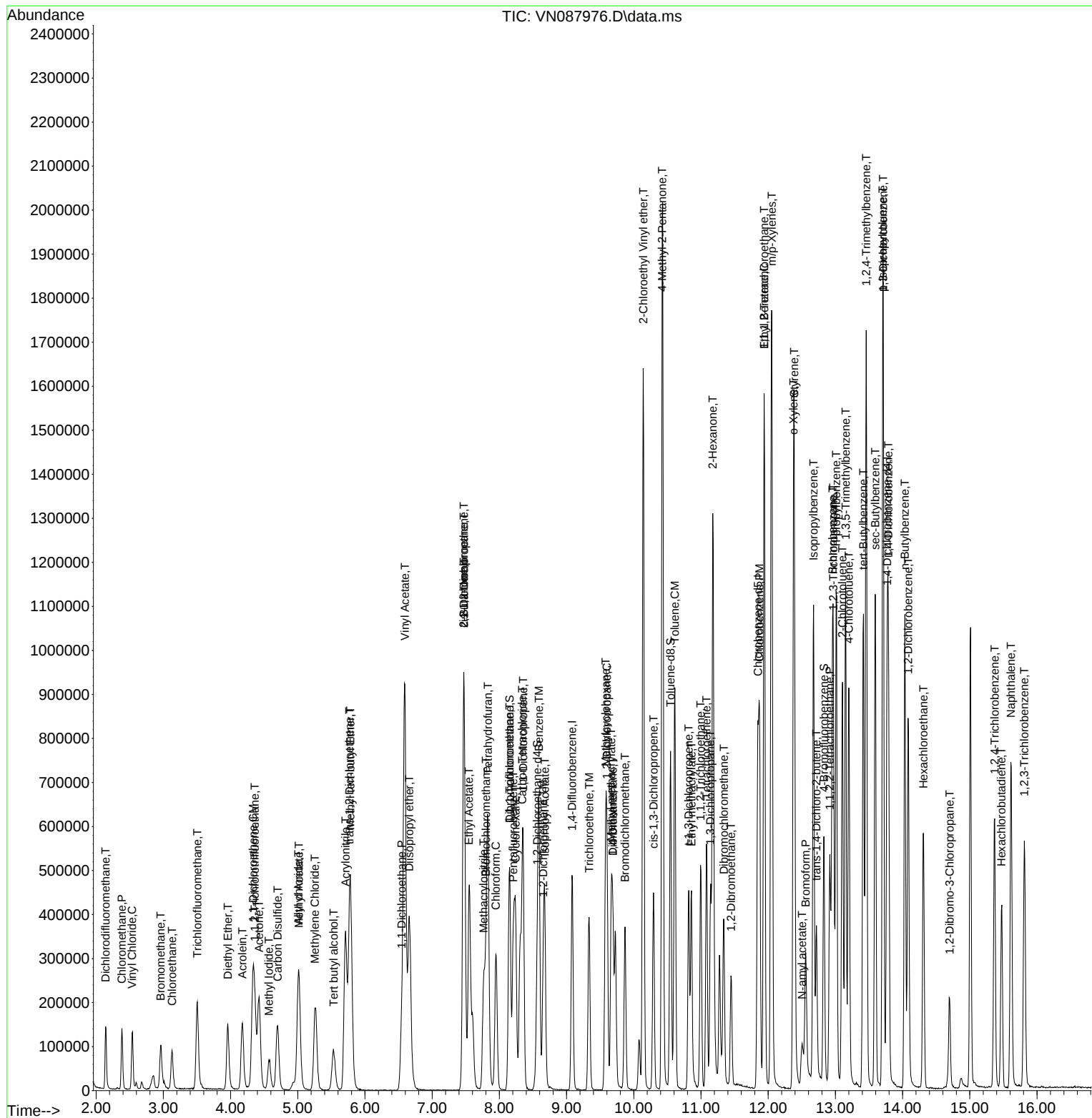
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ALS Vial : 4 Sample Multiplier: 1

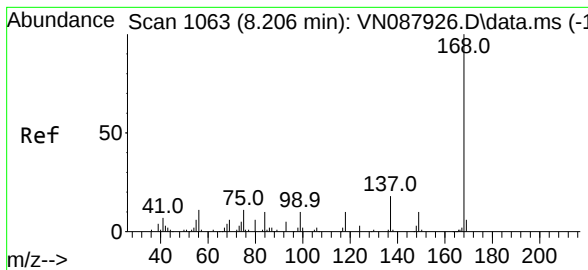
Instrument :  
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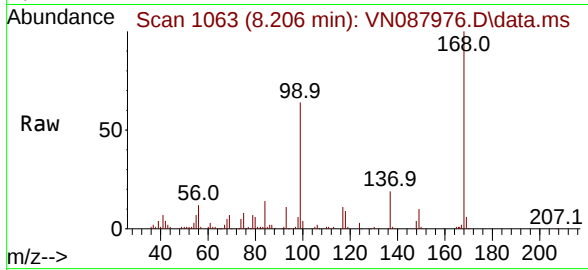
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Quant Title : SW846 8260  
QLast Update : Wed Sep 24 05:05:30 2025  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

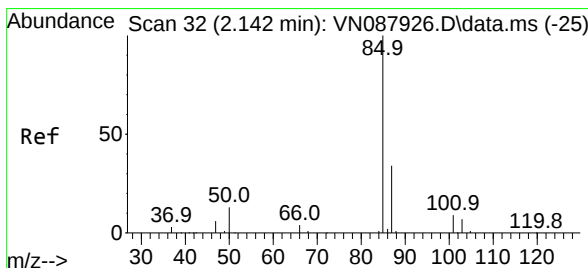
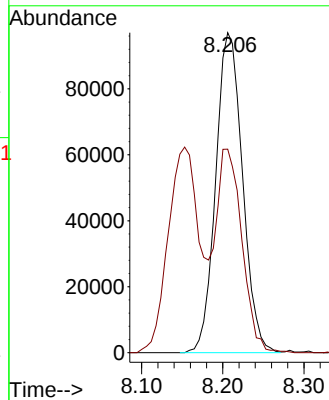
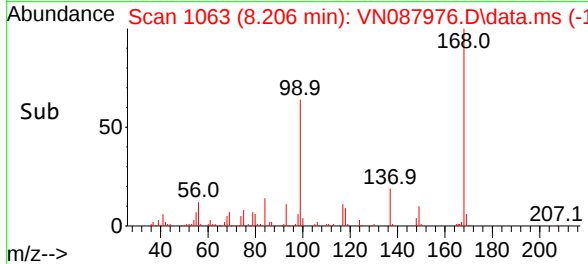
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:168 Resp: 222579  
Ion Ratio Lower Upper  
168 100  
99 63.1 52.2 78.2

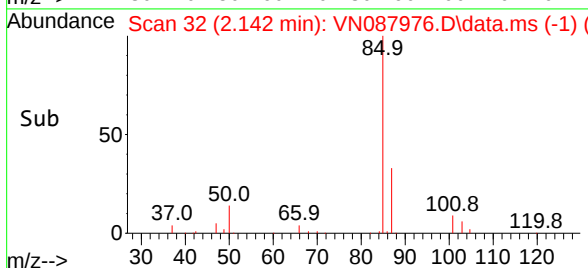
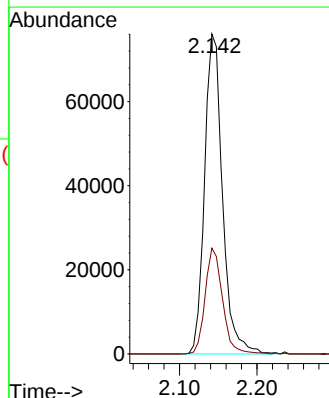
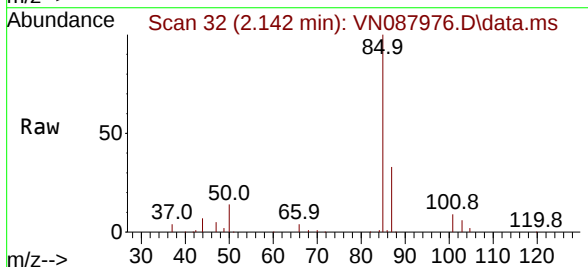
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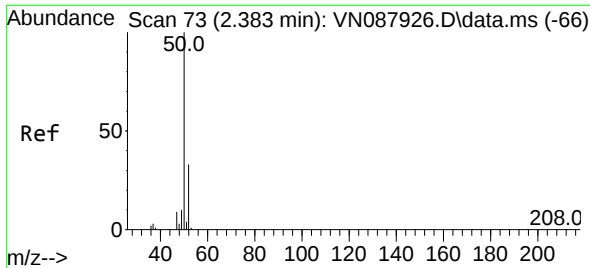
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#2  
Dichlorodifluoromethane  
Concen: 47.431 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

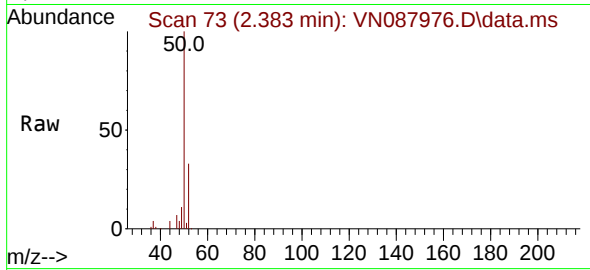
Tgt Ion: 85 Resp: 122259  
Ion Ratio Lower Upper  
85 100  
87 33.1 16.9 50.6





#3  
Chloromethane  
Concen: 50.905 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

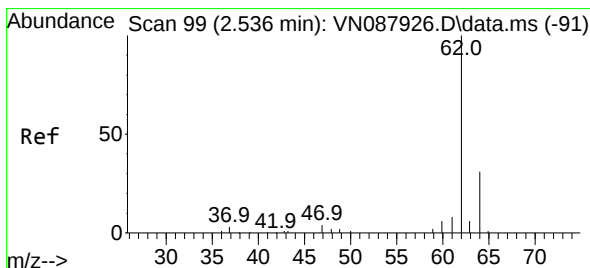
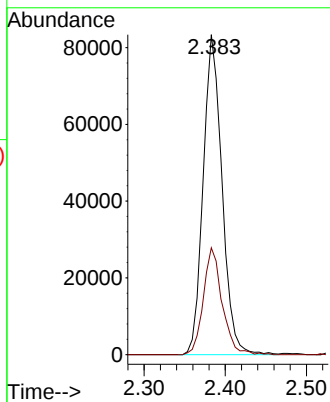
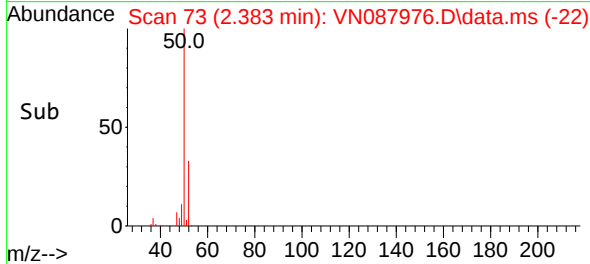
Instrument :  
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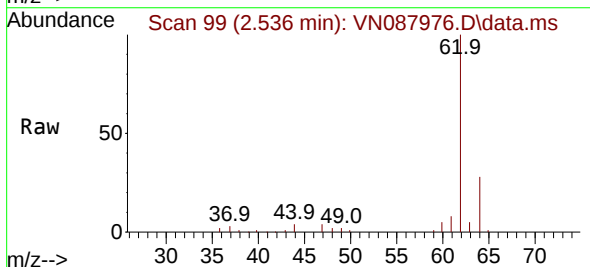
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Ion Ratio Lower Upper  
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52 33.4 26.6 40.0

Manual Integrations  
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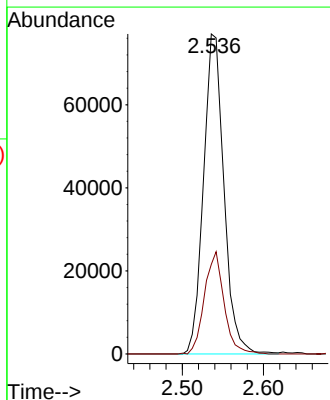
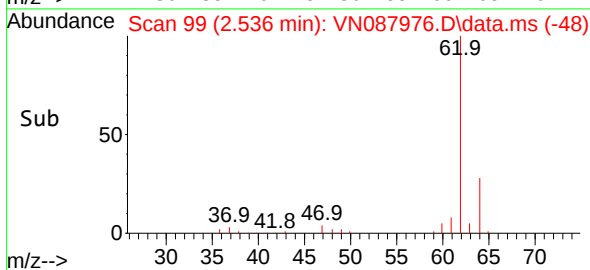
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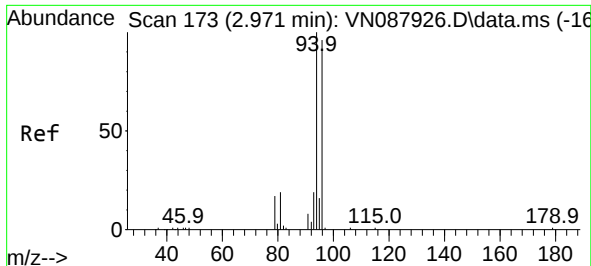


#4  
Vinyl Chloride  
Concen: 50.043 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



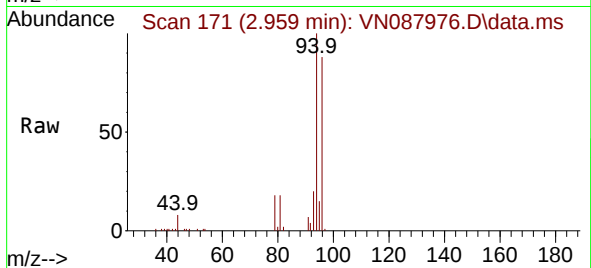
Tgt Ion: 62 Resp: 134746  
Ion Ratio Lower Upper  
62 100  
64 28.0 25.2 37.8





#5  
Bromomethane  
Concen: 51.708 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

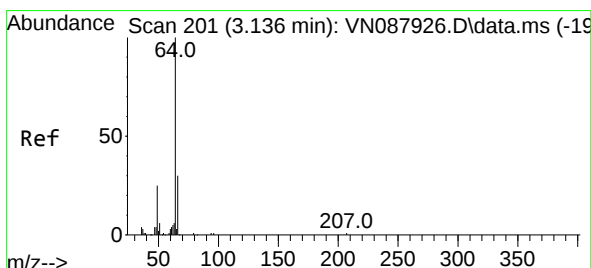
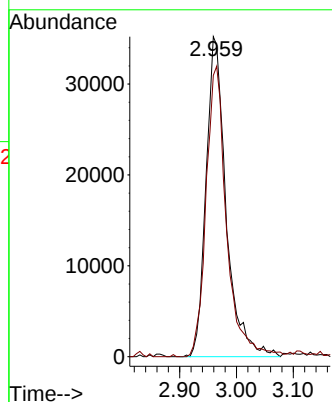
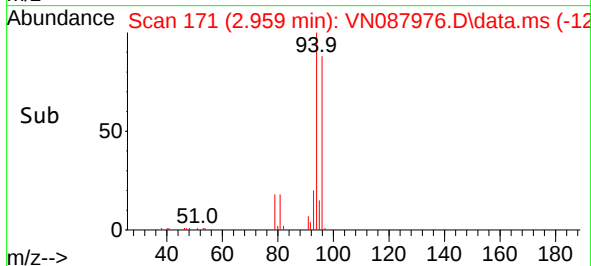
Instrument :  
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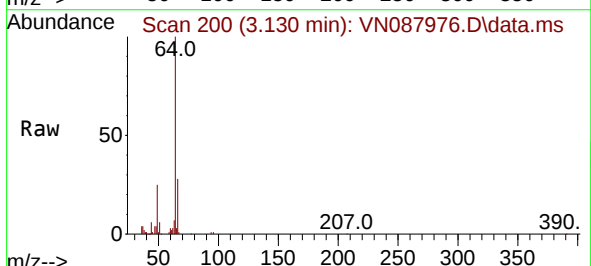
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Ion Ratio Lower Upper  
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Manual Integrations  
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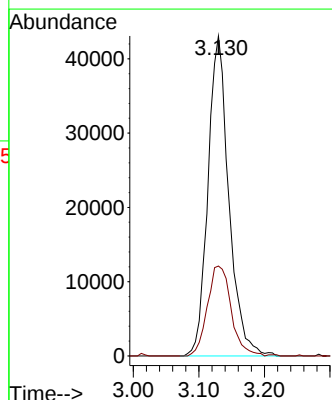
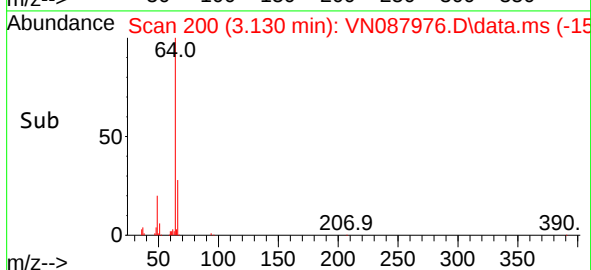
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

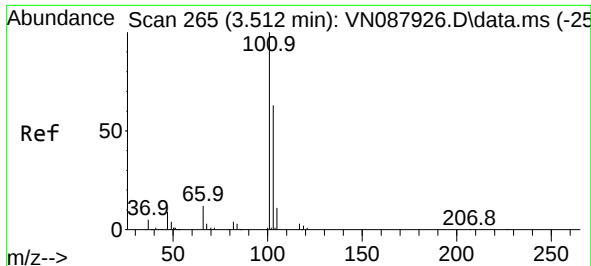


#6  
Chloroethane  
Concen: 54.470 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. -0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion: 64 Resp: 95364  
Ion Ratio Lower Upper  
64 100  
66 28.1 23.8 35.8





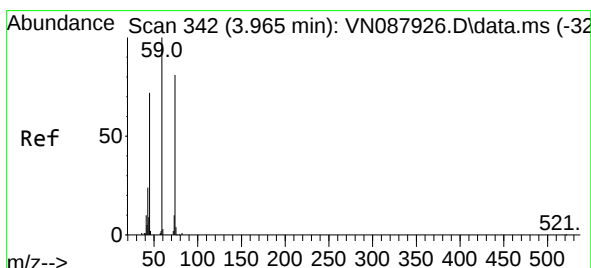
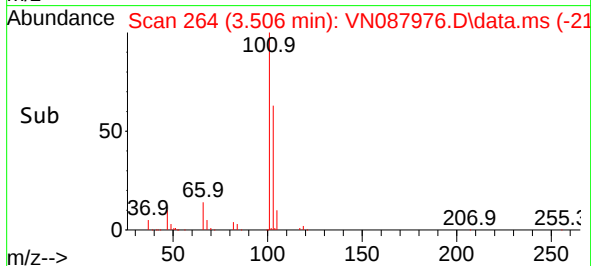
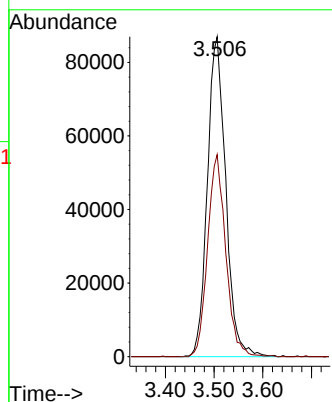
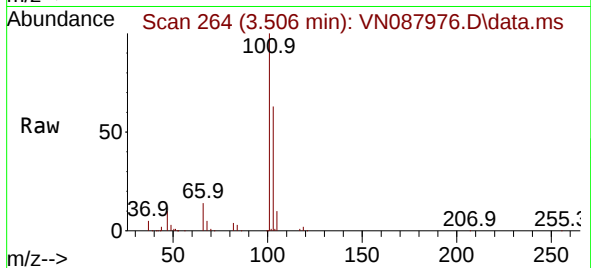
#7  
Trichlorofluoromethane  
Concen: 51.694 ug/l  
RT: 3.506 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 226620  
Ion Ratio Lower Upper  
101 100  
103 63.1 50.2 75.4

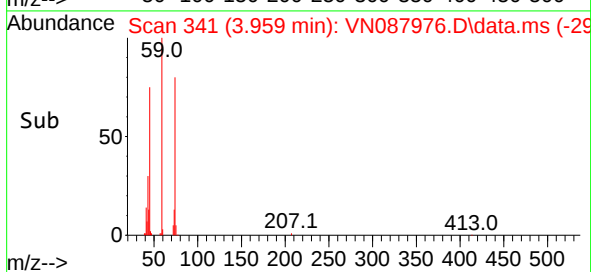
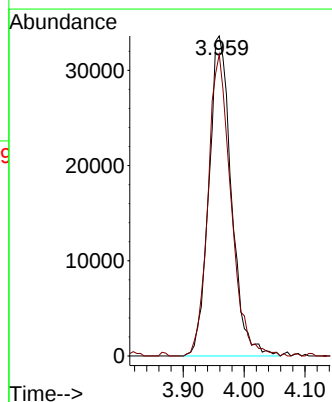
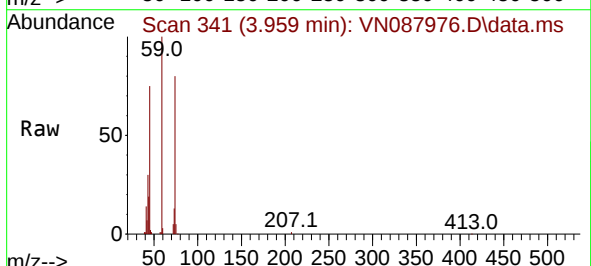
Manual Integrations  
APPROVED

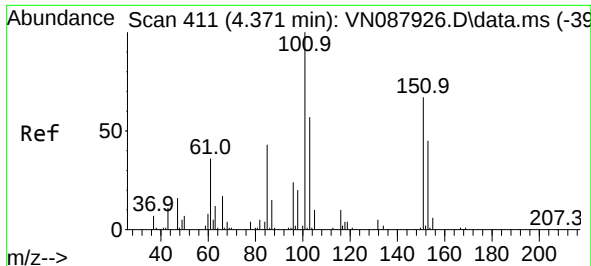
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#8  
Diethyl Ether  
Concen: 52.400 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Tgt Ion: 74 Resp: 86786  
Ion Ratio Lower Upper  
74 100  
45 95.7 45.4 136.1





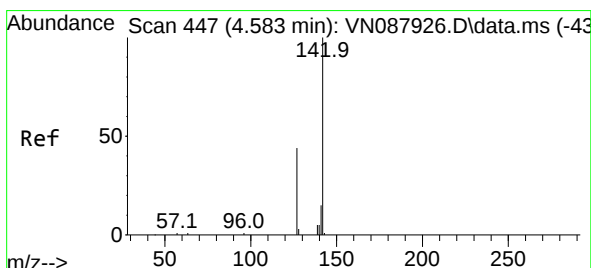
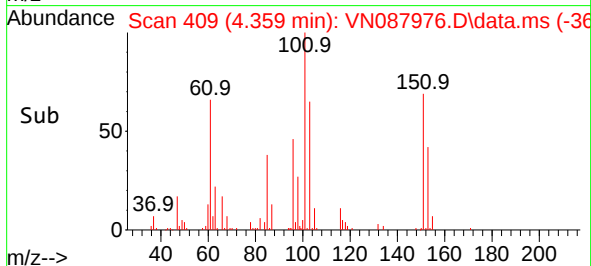
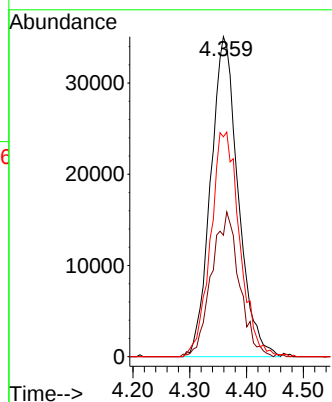
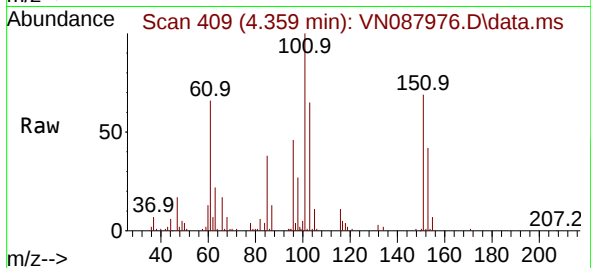
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.897 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.012 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 11793  
Ion Ratio Lower Upper  
101 100  
85 45.9 36.5 54.7  
151 74.2 58.6 87.8

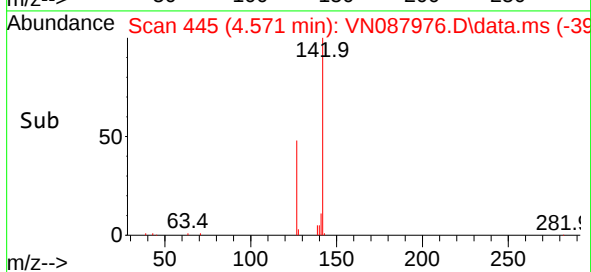
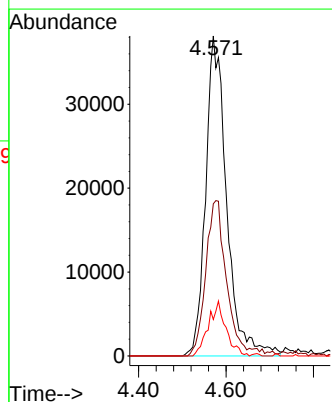
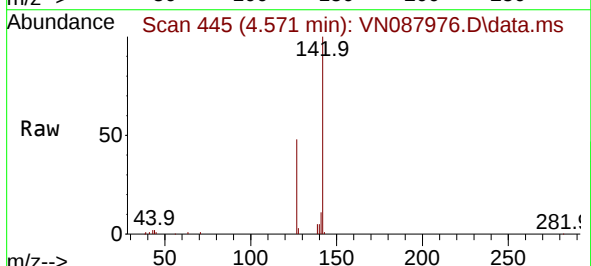
Manual Integrations  
APPROVED

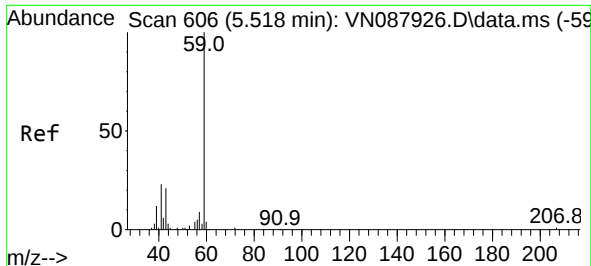
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#10  
Methyl Iodide  
Concen: 61.001 ug/l  
RT: 4.571 min Scan# 445  
Delta R.T. -0.012 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

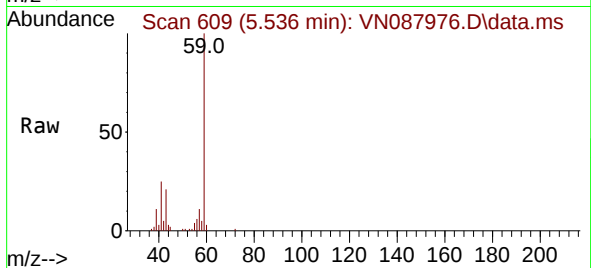
Tgt Ion:142 Resp: 127211  
Ion Ratio Lower Upper  
142 100  
127 47.6 35.3 52.9  
141 11.4 11.8 17.8#





#11  
Tert butyl alcohol  
Concen: 296.567 ug/l  
RT: 5.536 min Scan# 606  
Delta R.T. 0.018 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

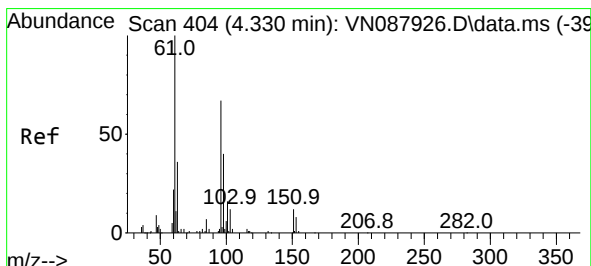
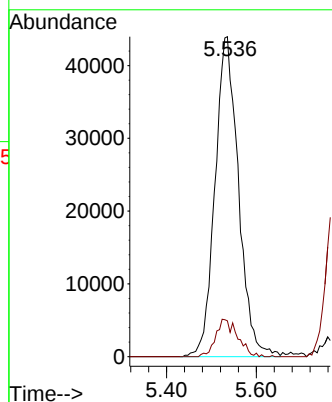
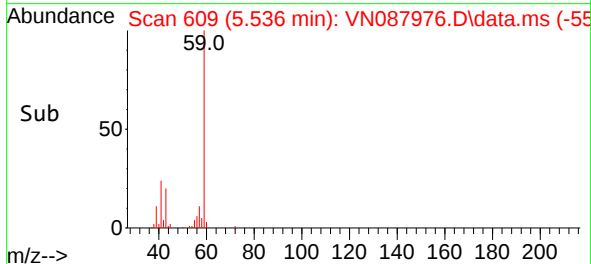
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 59 Resp: 160004  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.8 13.2

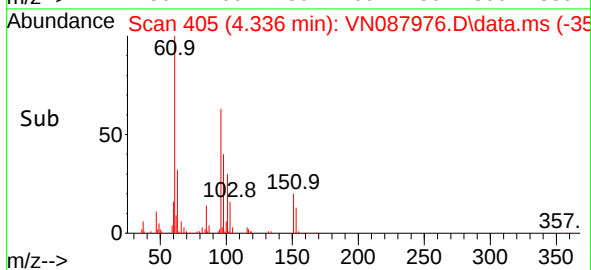
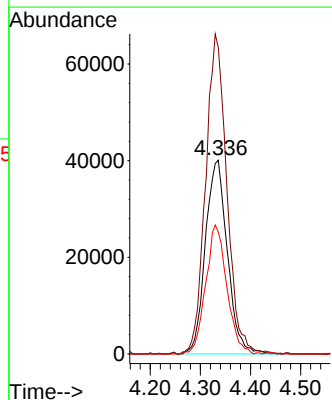
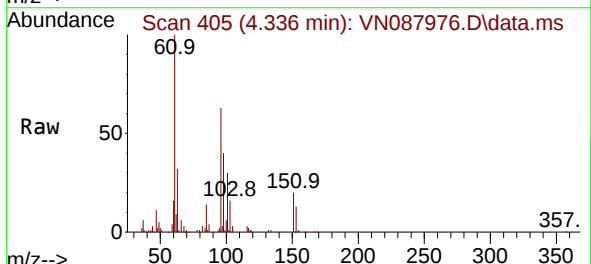
Manual Integrations  
APPROVED

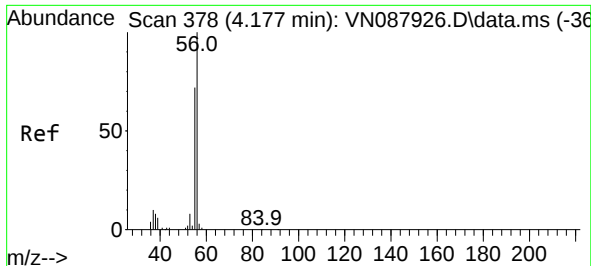
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#12  
1,1-Dichloroethene  
Concen: 52.307 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Tgt Ion: 96 Resp: 122291  
Ion Ratio Lower Upper  
96 100  
61 158.2 119.2 178.8  
98 63.1 47.5 71.3





#13

Acrolein

Concen: 277.734 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 192264

Ion Ratio Lower Upper

56 100

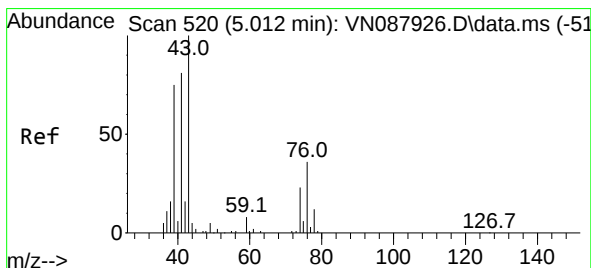
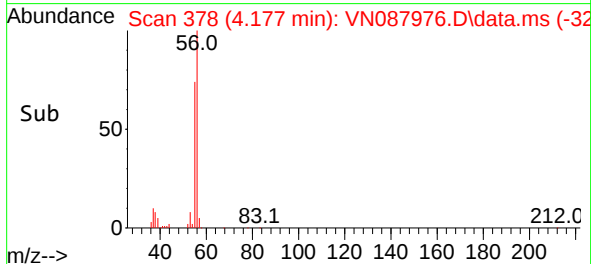
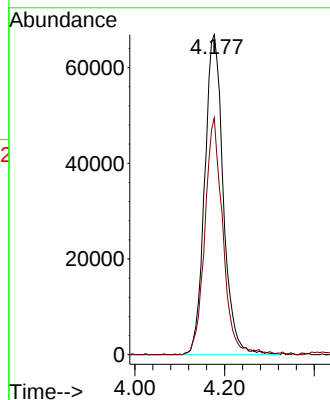
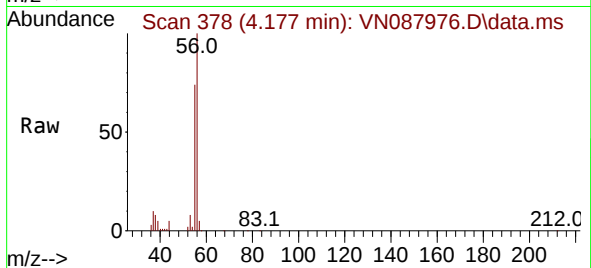
55 71.0 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#14

Allyl chloride

Concen: 50.426 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

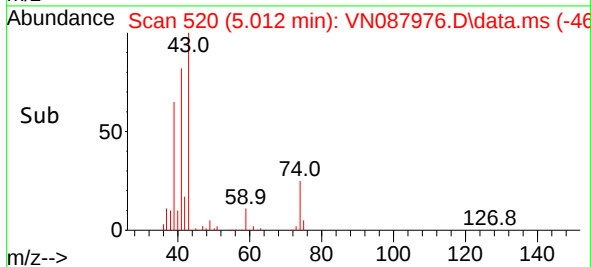
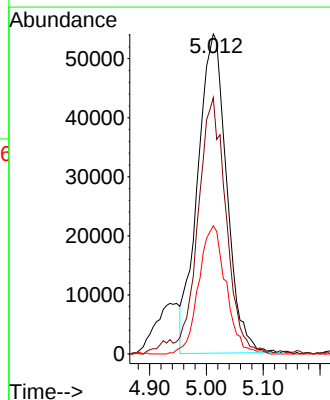
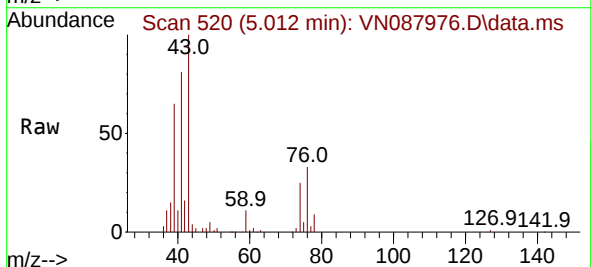
Tgt Ion: 41 Resp: 191934

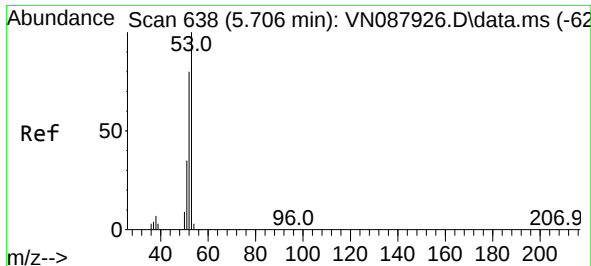
Ion Ratio Lower Upper

41 100

39 76.3 63.8 95.8

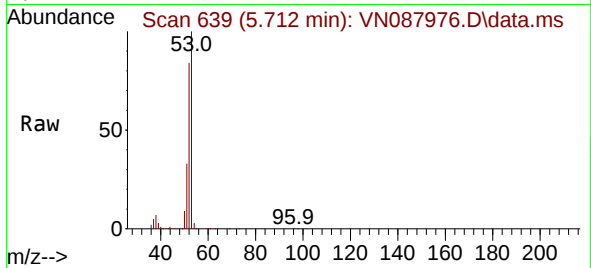
76 37.8 33.0 49.6





#15  
Acrylonitrile  
Concen: 283.170 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

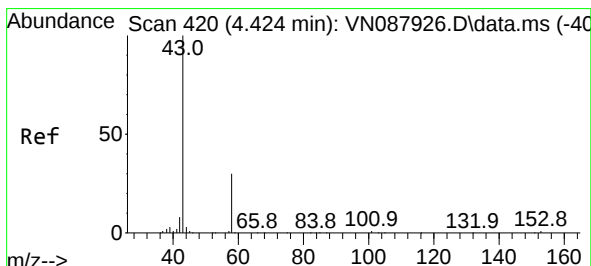
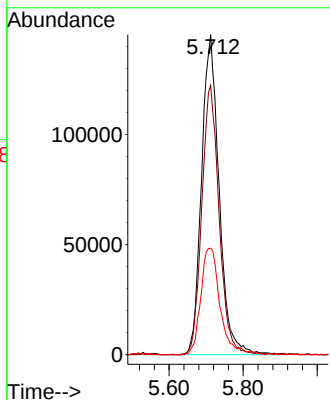
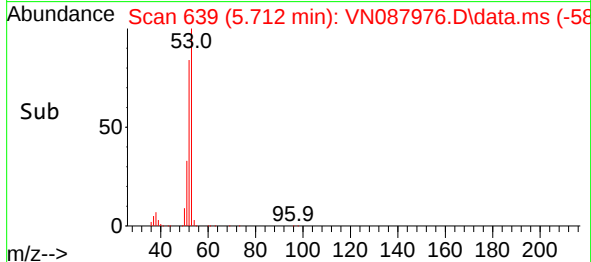
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



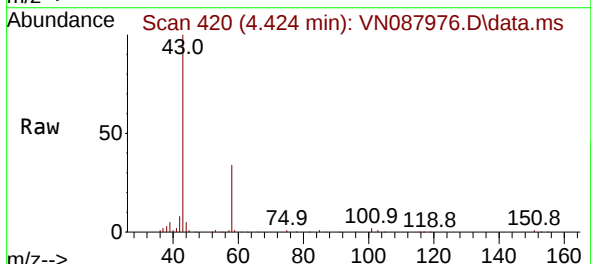
Tgt Ion: 53 Resp: 479220  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.6 99.8  
51 35.9 29.0 43.4

Manual Integrations  
APPROVED

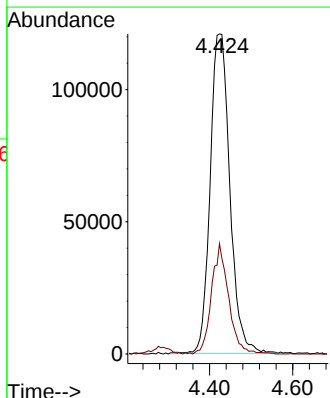
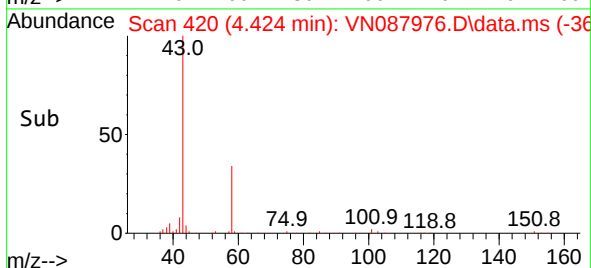
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#16  
Acetone  
Concen: 257.784 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion: 43 Resp: 397290  
Ion Ratio Lower Upper  
43 100  
58 34.6 24.1 36.1





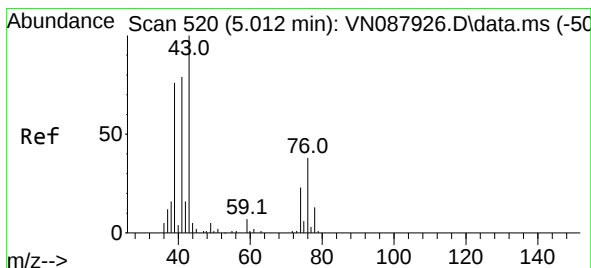
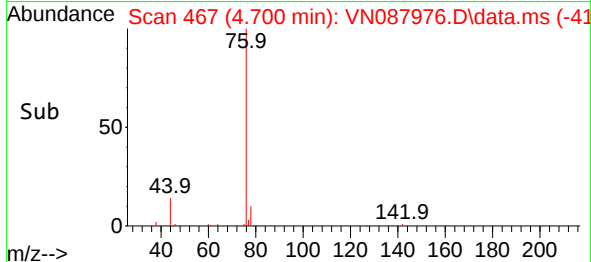
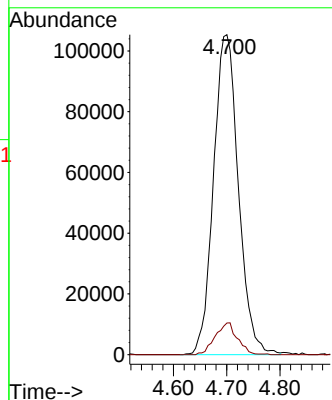
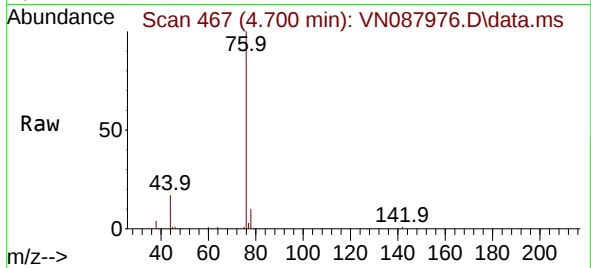
#17  
Carbon Disulfide  
Concen: 46.787 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 341770  
Ion Ratio Lower Upper  
76 100  
78 9.9 6.7 10.1

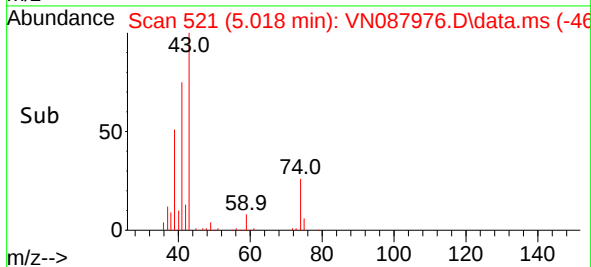
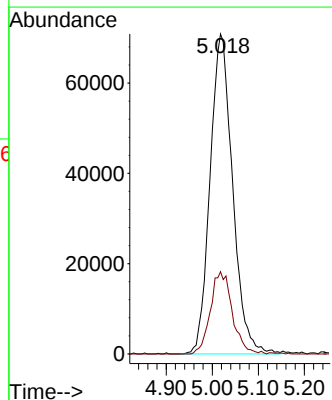
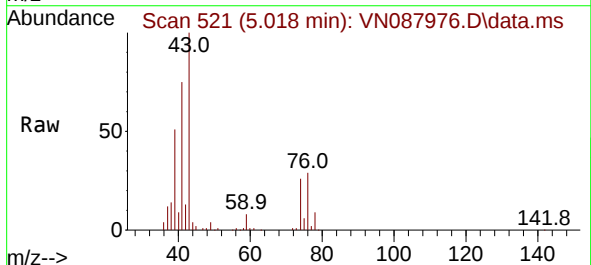
Manual Integrations  
APPROVED

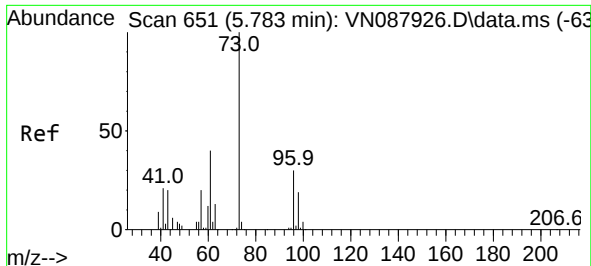
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#18  
Methyl Acetate  
Concen: 62.465 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

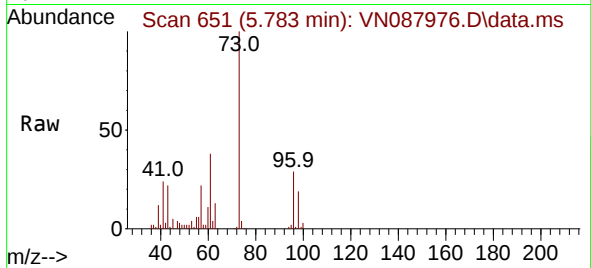
Tgt Ion: 43 Resp: 240925  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.7 29.5





#19  
Methyl tert-butyl Ether  
Concen: 54.246 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

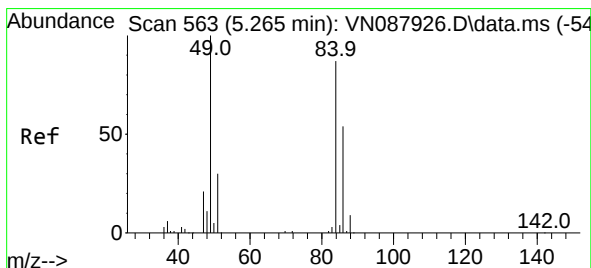
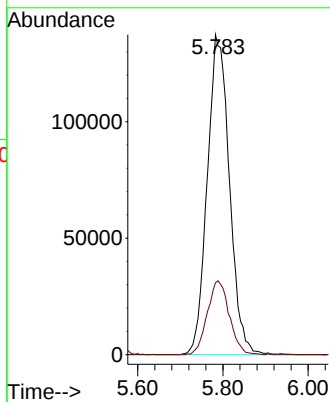
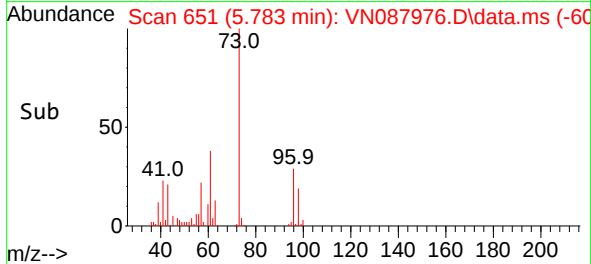
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 73 Resp: 49543  
Ion Ratio Lower Upper  
73 100  
57 22.4 16.3 24.5

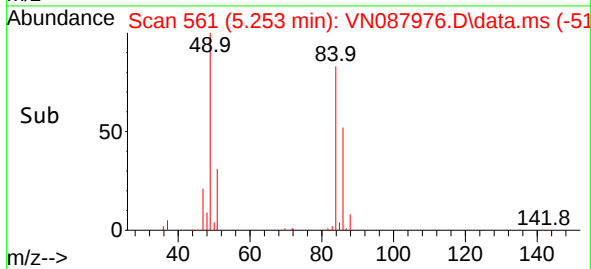
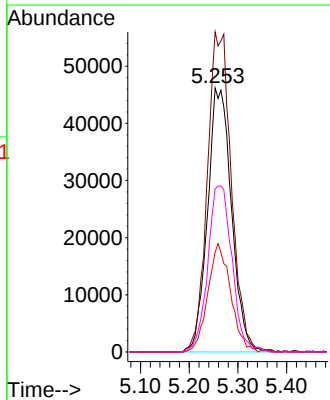
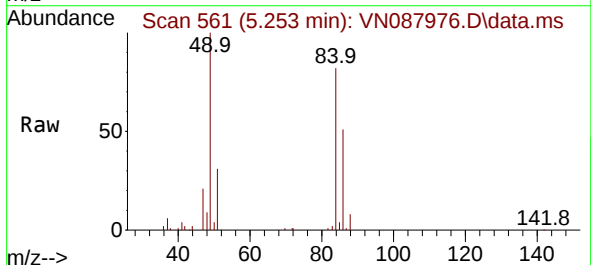
Manual Integrations  
APPROVED

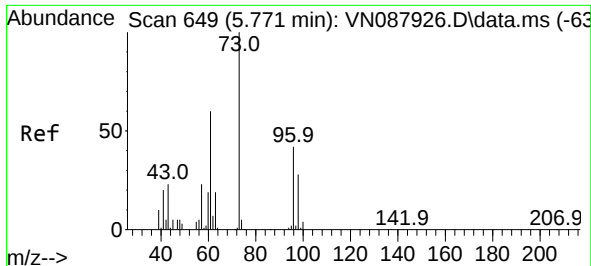
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#20  
Methylene Chloride  
Concen: 50.674 ug/l  
RT: 5.253 min Scan# 561  
Delta R.T. -0.012 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

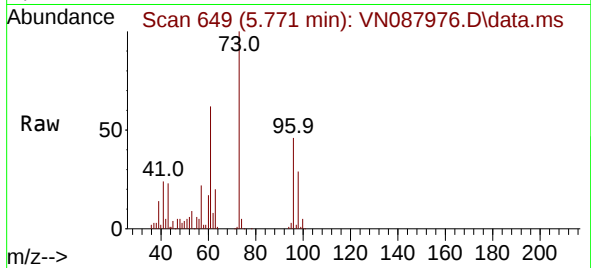
Tgt Ion: 84 Resp: 158078  
Ion Ratio Lower Upper  
84 100  
49 121.2 92.1 138.1  
51 37.8 27.7 41.5  
86 61.8 49.6 74.4





#21  
trans-1,2-Dichloroethene  
Concen: 50.342 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

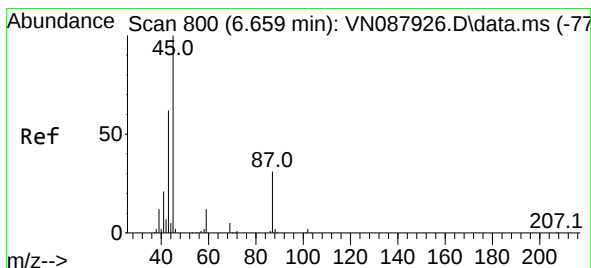
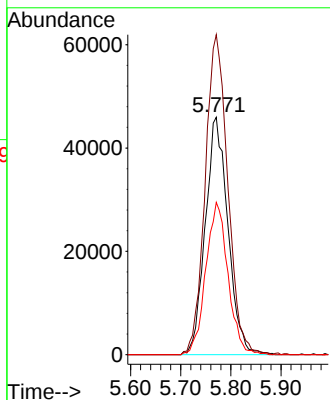
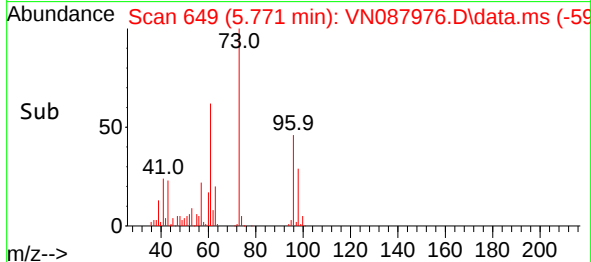
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



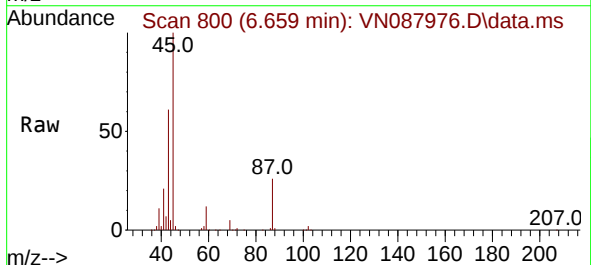
Tgt Ion: 96 Resp: 144280  
Ion Ratio Lower Upper  
96 100  
61 134.7 114.4 171.6  
98 64.1 53.6 80.4

Manual Integrations  
APPROVED

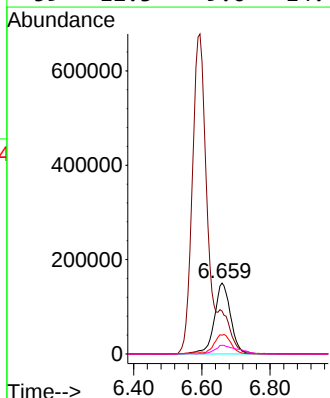
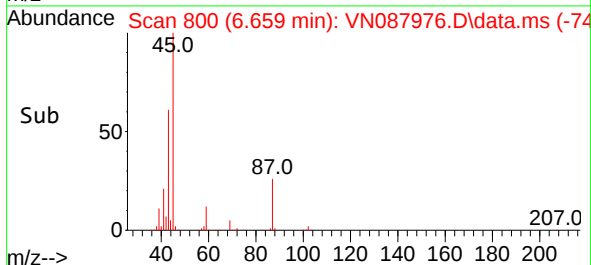
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#22  
Diisopropyl ether  
Concen: 55.718 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



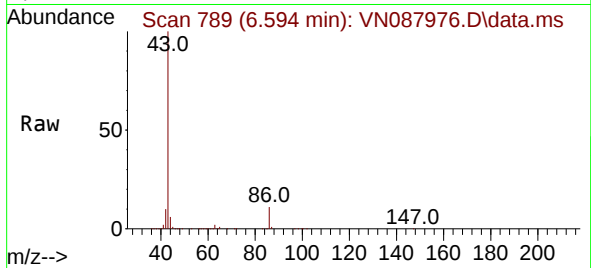
Tgt Ion: 45 Resp: 495079  
Ion Ratio Lower Upper  
45 100  
43 60.3 49.9 74.9  
87 26.5 25.2 37.8  
59 12.3 9.6 14.4





#23  
 Vinyl Acetate  
 Concen: 264.770 ug/l  
 RT: 6.594 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

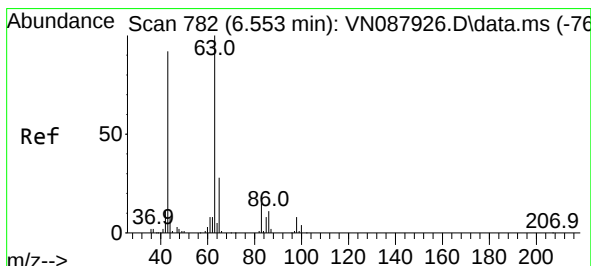
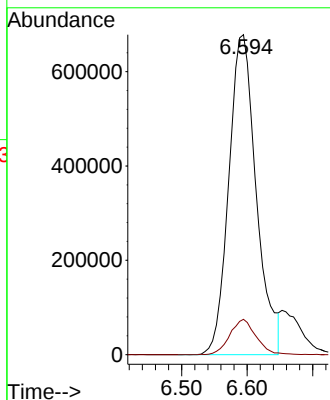
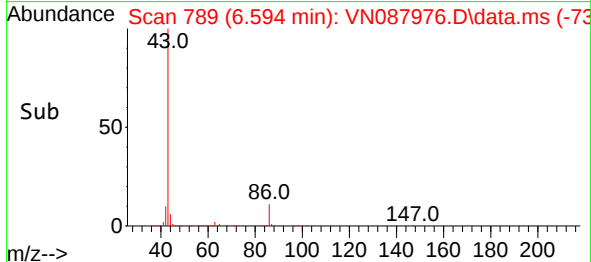
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



Tgt Ion: 43 Resp: 198086  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.6 12.8

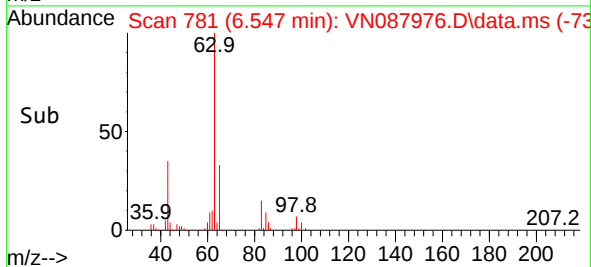
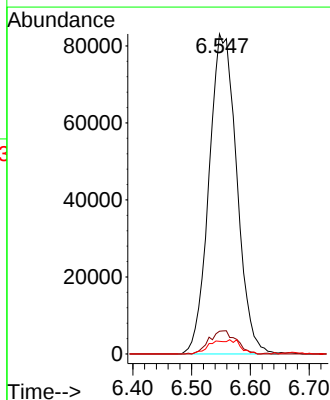
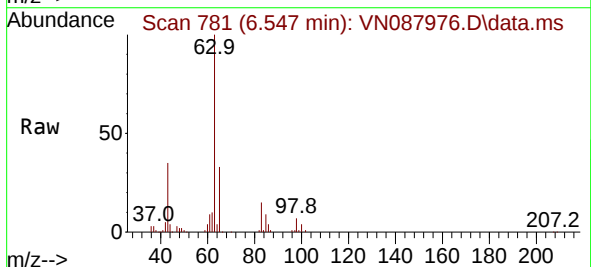
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025



#24  
 1,1-Dichloroethane  
 Concen: 52.397 ug/l  
 RT: 6.547 min Scan# 781  
 Delta R.T. -0.006 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

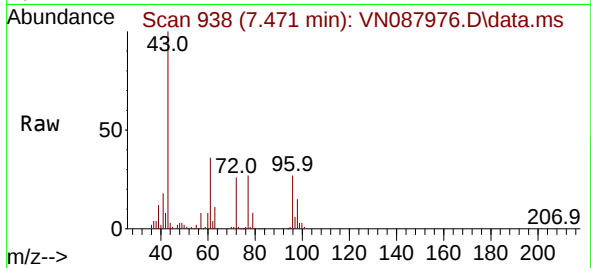
Tgt Ion: 63 Resp: 272002  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.9 11.5  
 100 4.0 2.1 6.5





#25  
2-Butanone  
Concen: 284.864 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

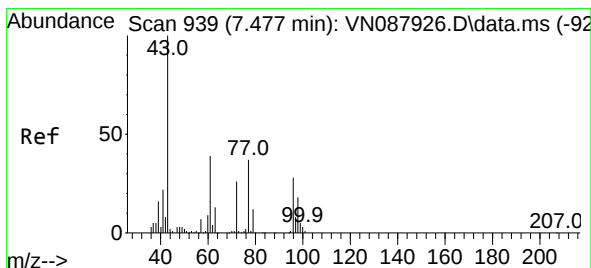
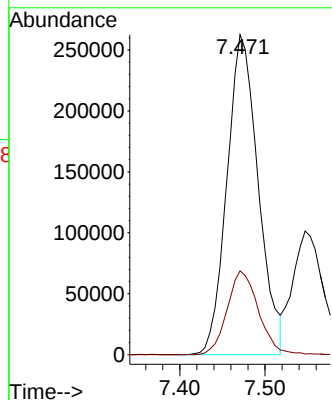
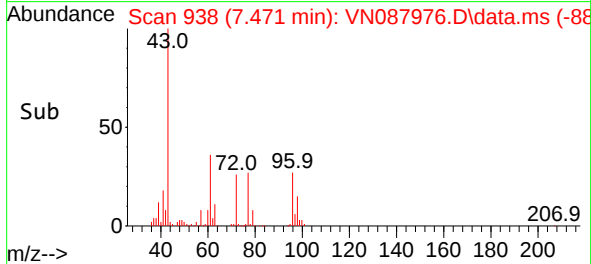
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 67103  
Ion Ratio Lower Upper  
43 100  
72 26.2 21.5 32.3

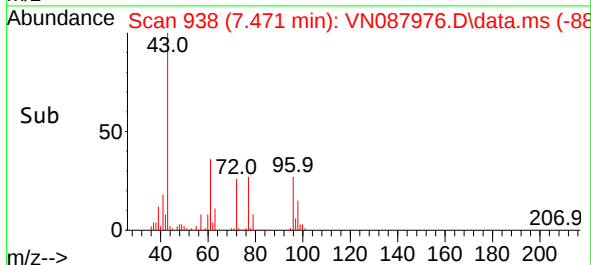
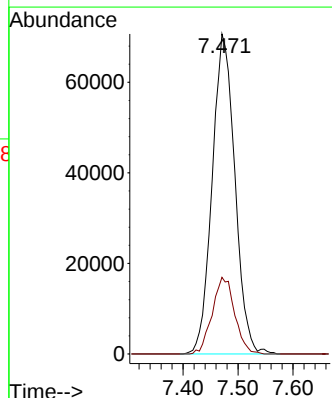
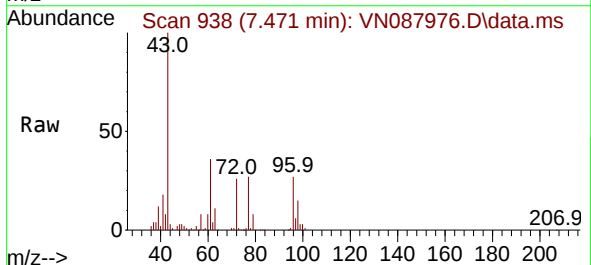
Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#26  
2,2-Dichloropropane  
Concen: 44.020 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

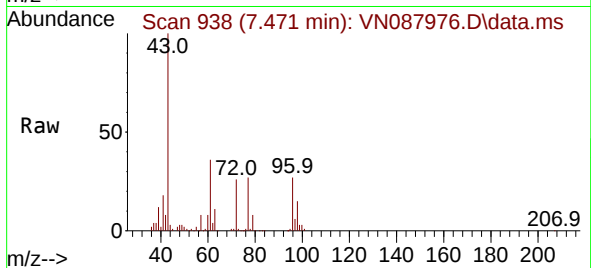
Tgt Ion: 77 Resp: 203028  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.5 34.5





#27  
cis-1,2-Dichloroethene  
Concen: 51.855 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

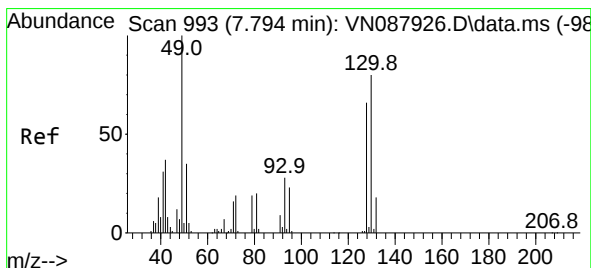
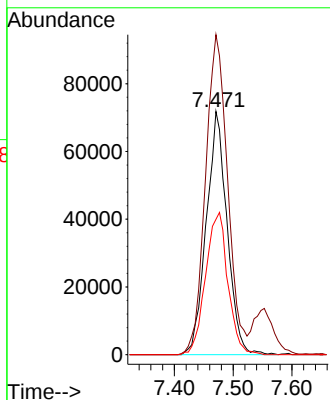
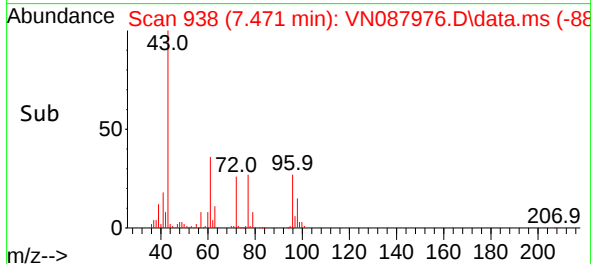
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 96 Resp: 176839  
Ion Ratio Lower Upper  
96 100  
61 140.0 0.0 283.0  
98 62.6 0.0 127.6

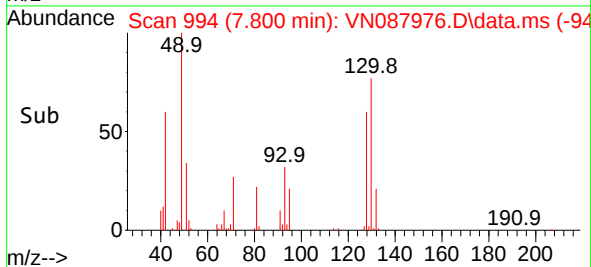
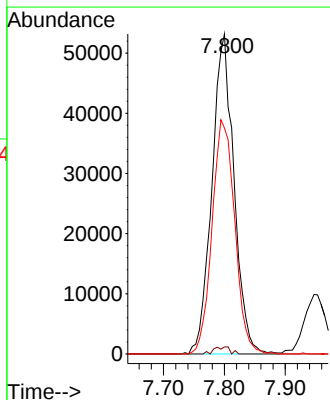
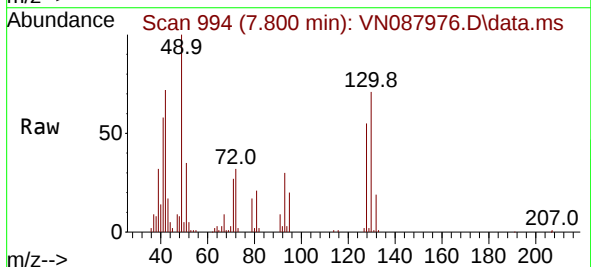
Manual Integrations  
APPROVED

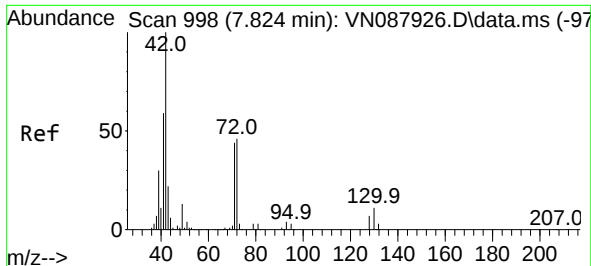
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#28  
Bromochloromethane  
Concen: 47.427 ug/l  
RT: 7.800 min Scan# 994  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Tgt Ion: 49 Resp: 133764  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 5.4  
130 75.3 62.6 94.0





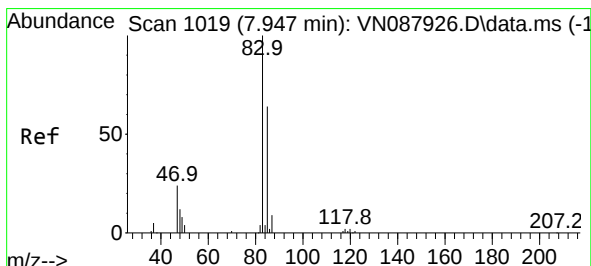
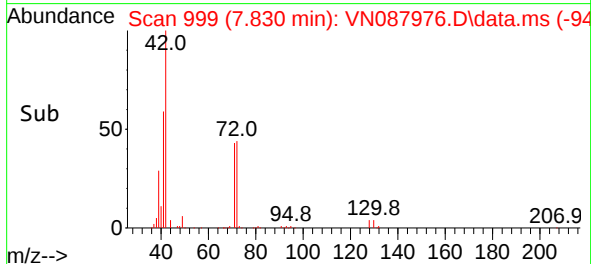
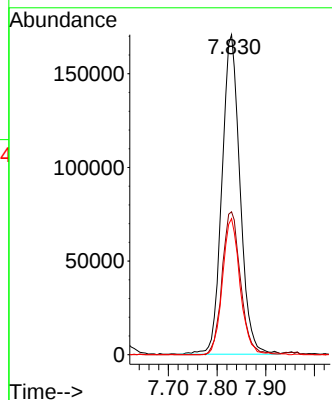
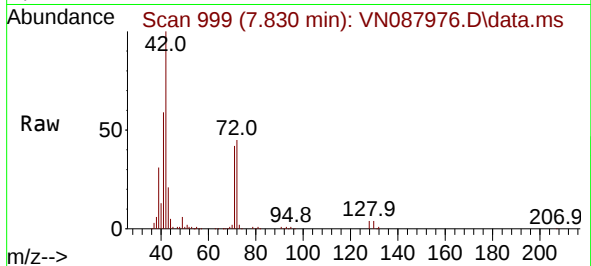
#29  
Tetrahydrofuran  
Concen: 292.045 ug/l  
RT: 7.830 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 42 Resp: 44050  
Ion Ratio Lower Upper  
42 100  
72 45.5 36.5 54.7  
71 41.6 33.8 50.8

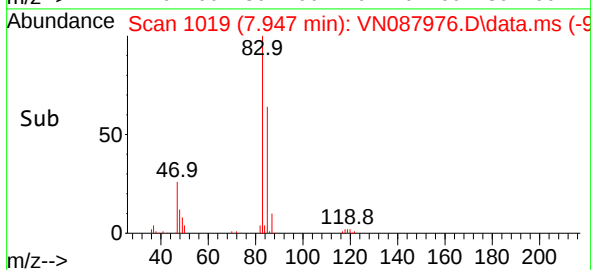
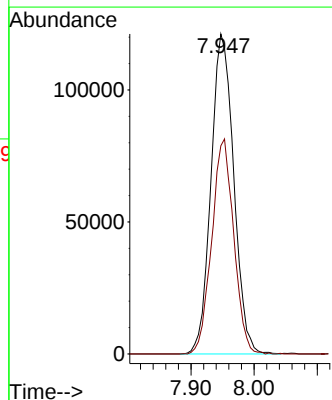
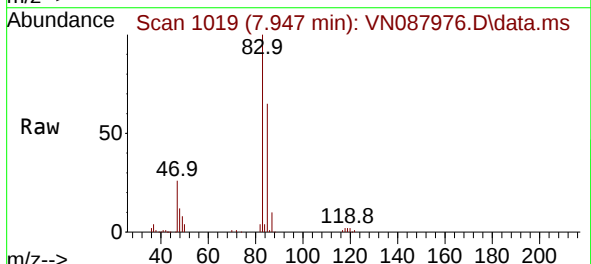
Manual Integrations  
APPROVED

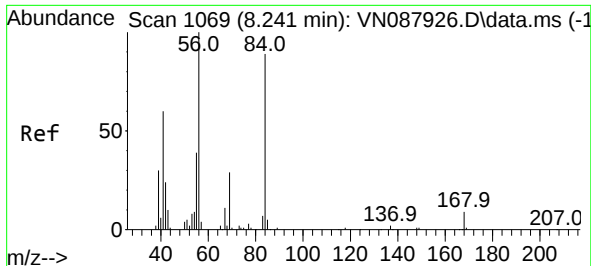
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#30  
Chloroform  
Concen: 53.479 ug/l  
RT: 7.947 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

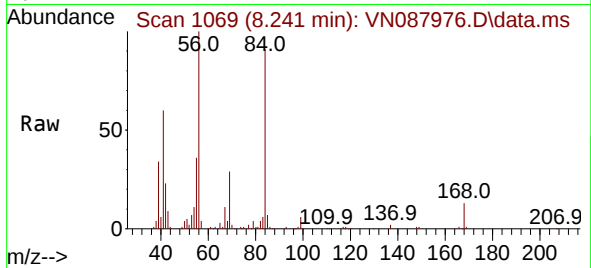
Tgt Ion: 83 Resp: 303552  
Ion Ratio Lower Upper  
83 100  
85 65.1 50.9 76.3





#31  
Cyclohexane  
Concen: 47.678 ug/l  
RT: 8.241 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

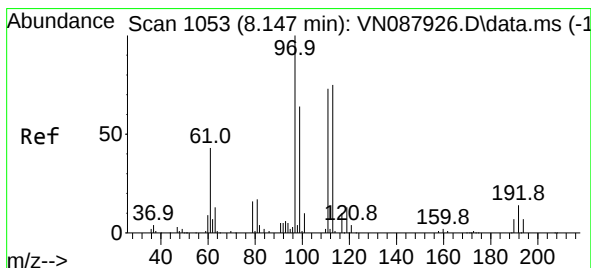
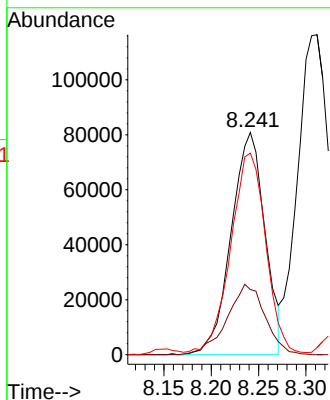
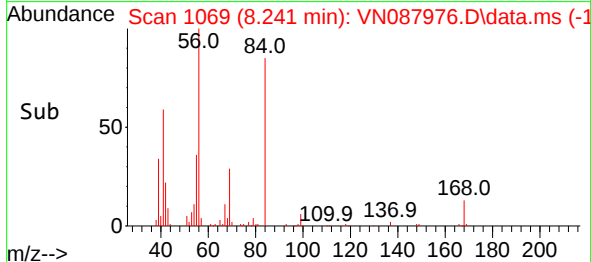
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



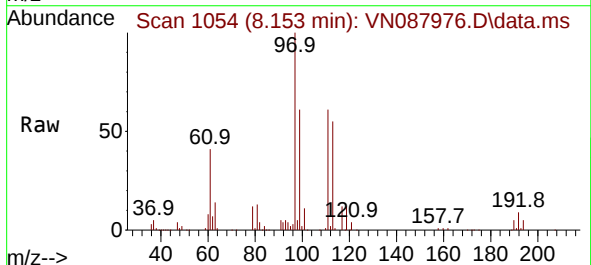
Tgt Ion: 56 Resp: 20026  
Ion Ratio Lower Upper  
56 100  
69 29.3 23.4 35.0  
84 89.1 70.8 106.2

Manual Integrations  
APPROVED

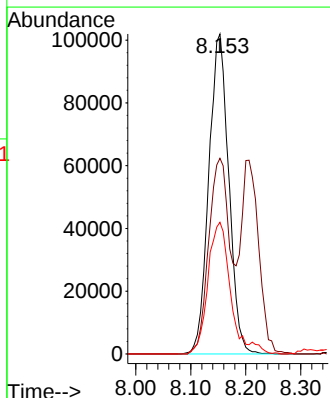
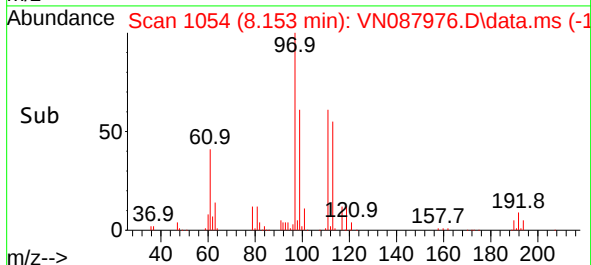
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

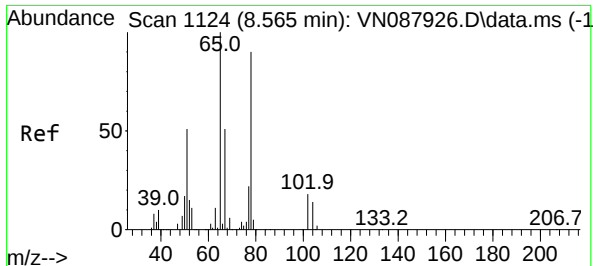


#32  
1,1,1-Trichloroethane  
Concen: 53.508 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



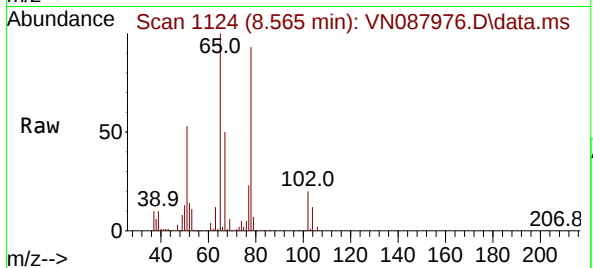
Tgt Ion: 97 Resp: 256632  
Ion Ratio Lower Upper  
97 100  
99 65.6 51.1 76.7  
61 44.9 38.6 58.0





#33  
1,2-Dichloroethane-d4  
Concen: 50.799 ug/l  
RT: 8.565 min Scan# 1124  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

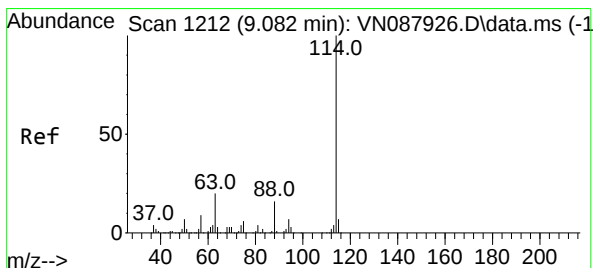
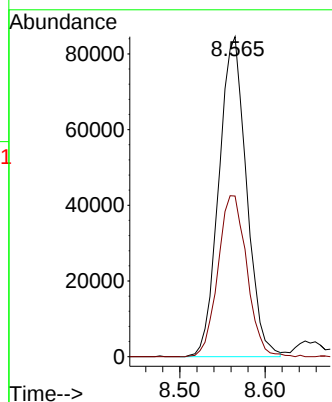
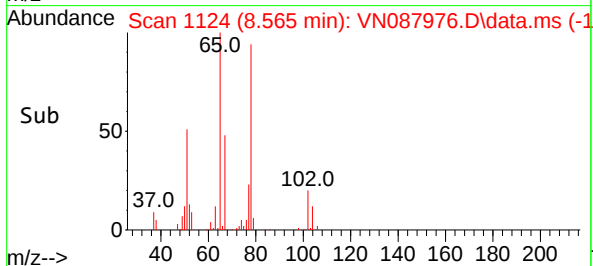
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



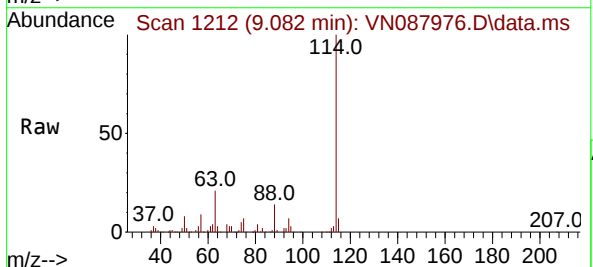
Tgt Ion: 65 Resp: 190280  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 103.4

Manual Integrations  
APPROVED

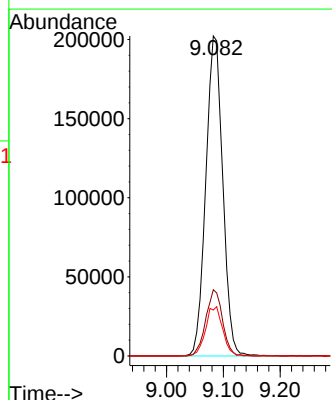
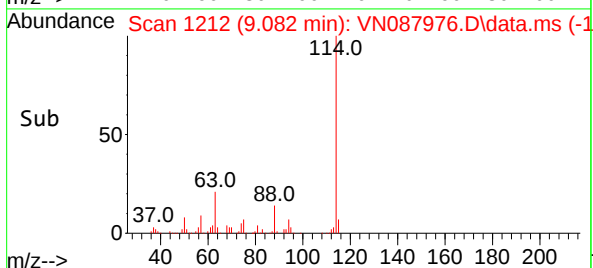
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

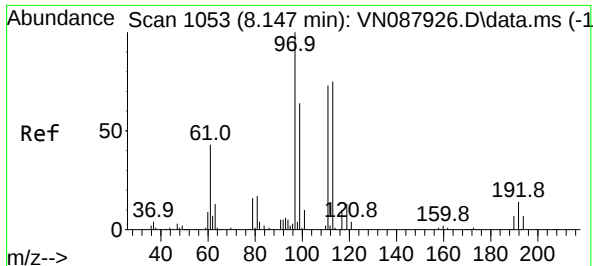


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.082 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



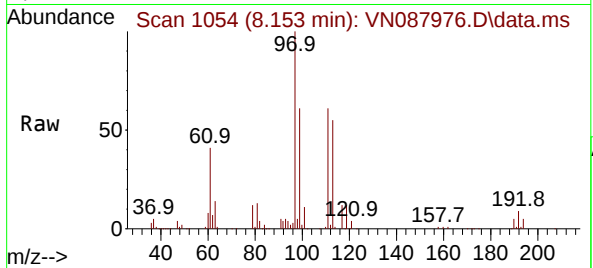
Tgt Ion:114 Resp: 417957  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.0  
88 14.4 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 47.608 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

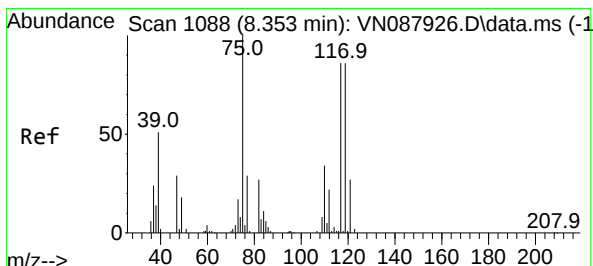
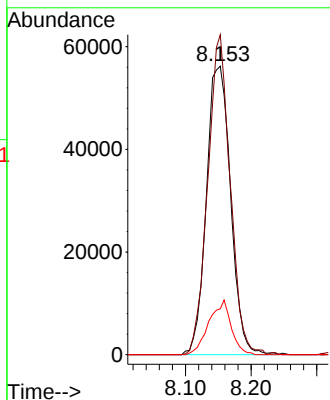
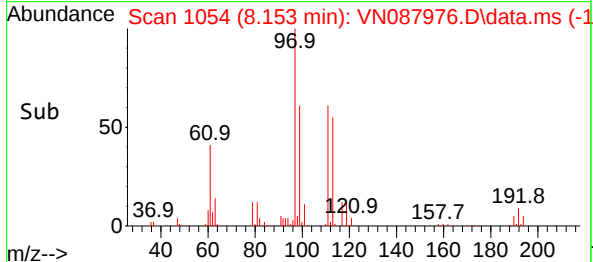
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 113 Resp: 144472  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.2 123.2  
192 17.3 14.2 21.2

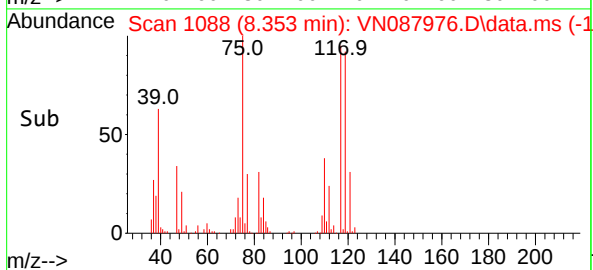
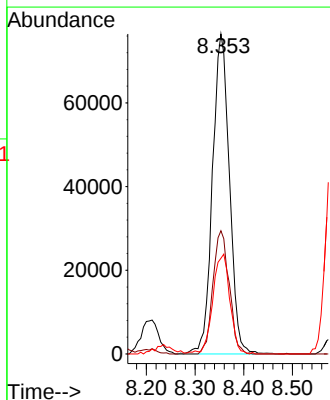
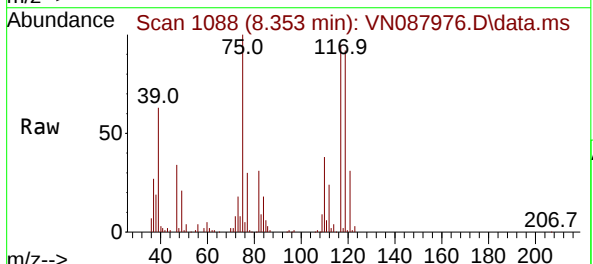
Manual Integrations  
APPROVED

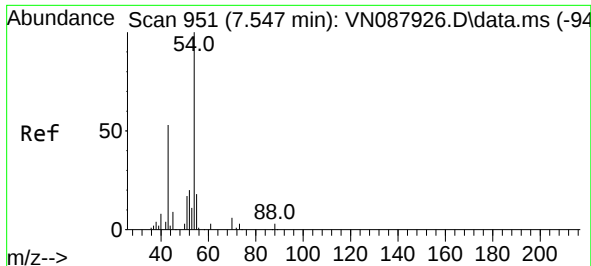
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#36  
1,1-Dichloropropene  
Concen: 50.690 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

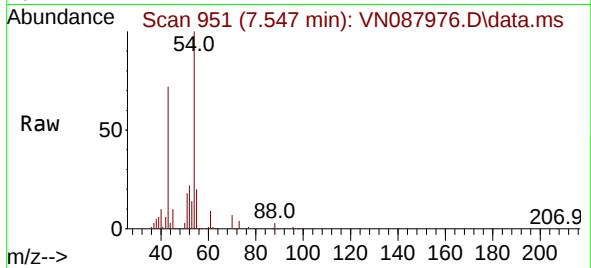
Tgt Ion: 75 Resp: 184964  
Ion Ratio Lower Upper  
75 100  
110 36.9 17.1 51.3  
77 31.5 24.8 37.2





#37  
Ethyl Acetate  
Concen: 54.332 ug/l  
RT: 7.547 min Scan# 951  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

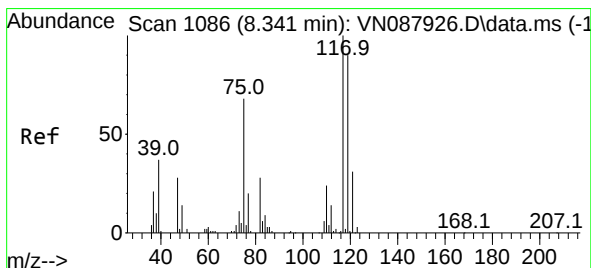
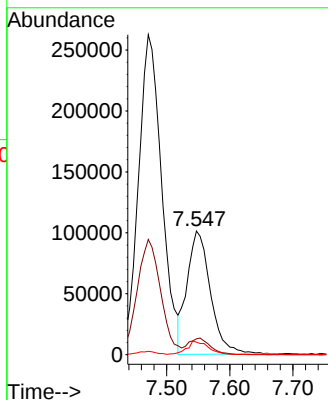
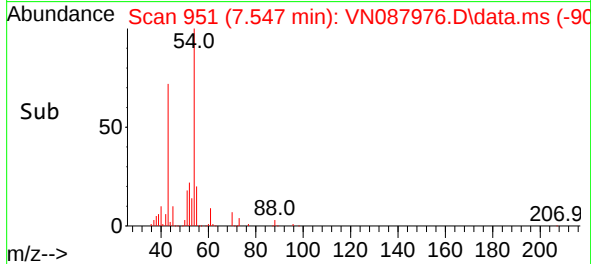
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 260340  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.7 16.1  
70 10.1 7.8 11.8

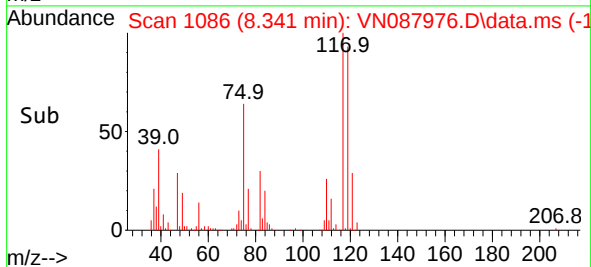
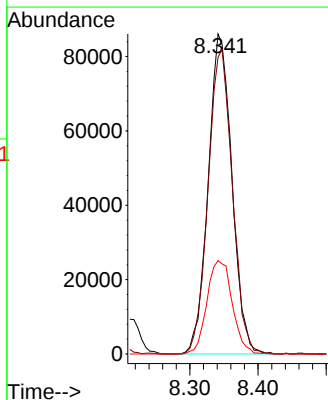
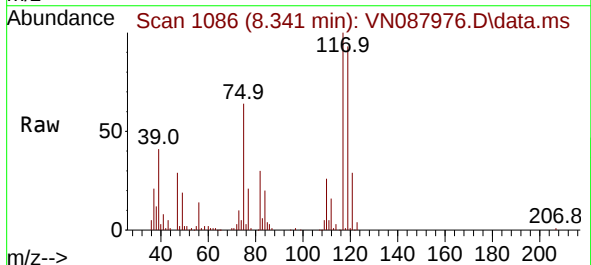
Manual Integrations  
APPROVED

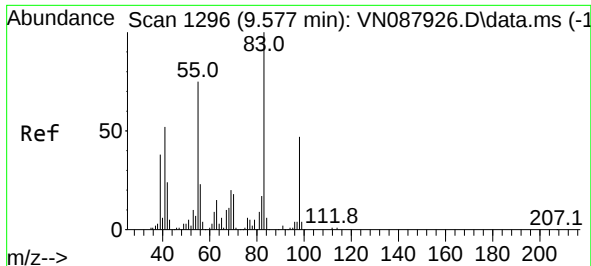
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#38  
Carbon Tetrachloride  
Concen: 49.774 ug/l  
RT: 8.341 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

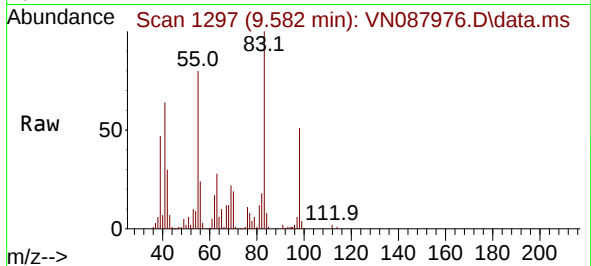
Tgt Ion:117 Resp: 208411  
Ion Ratio Lower Upper  
117 100  
119 92.6 72.1 108.1  
121 29.2 24.6 36.8





#39  
Methylcyclohexane  
Concen: 47.842 ug/l  
RT: 9.582 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

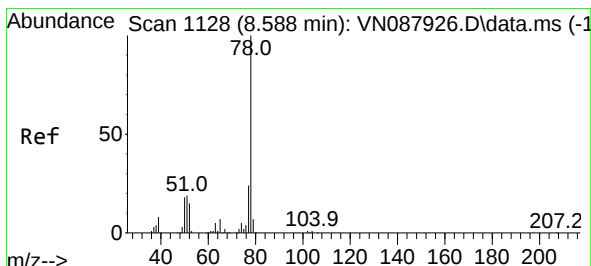
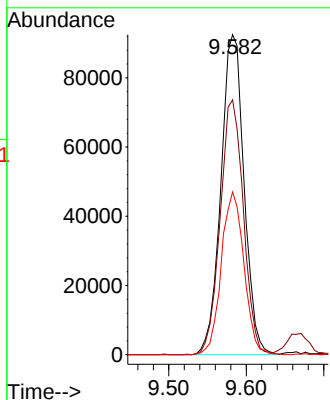
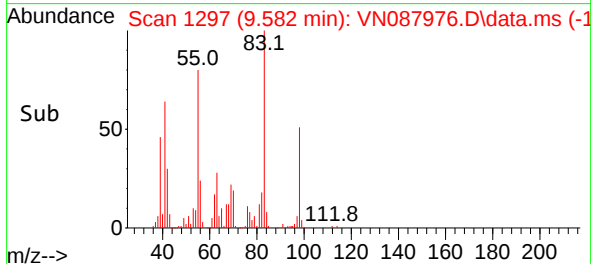
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 83 Resp: 192580  
Ion Ratio Lower Upper  
83 100  
55 79.7 59.9 89.9  
98 50.9 37.4 56.2

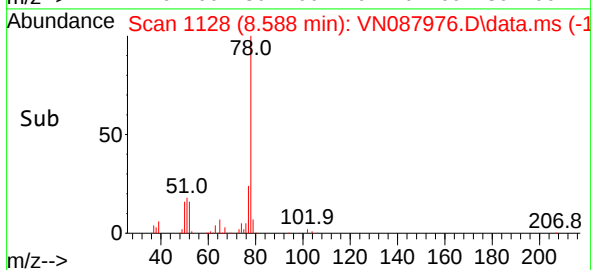
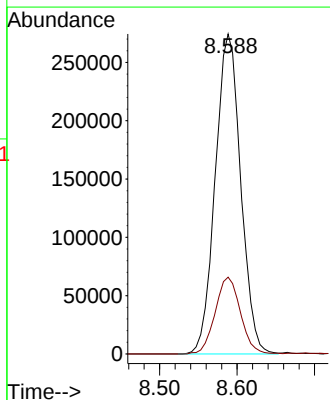
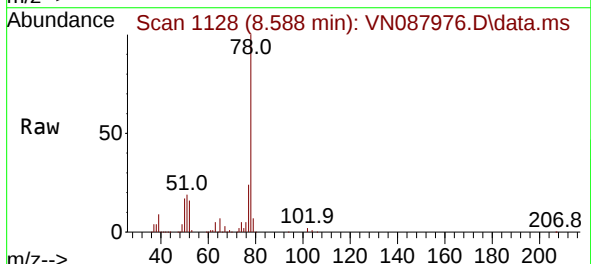
Manual Integrations  
APPROVED

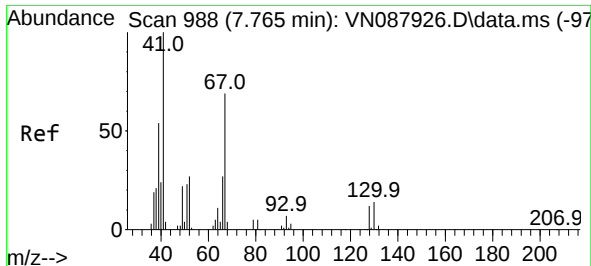
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#40  
Benzene  
Concen: 51.839 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

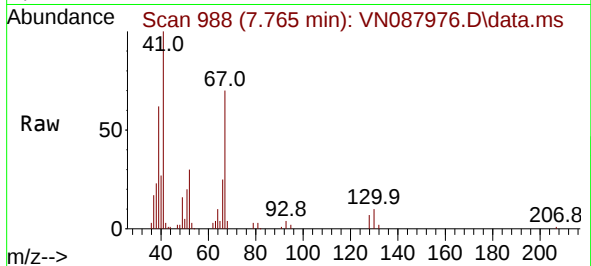
Tgt Ion: 78 Resp: 626304  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6





#41  
Methacrylonitrile  
Concen: 55.227 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

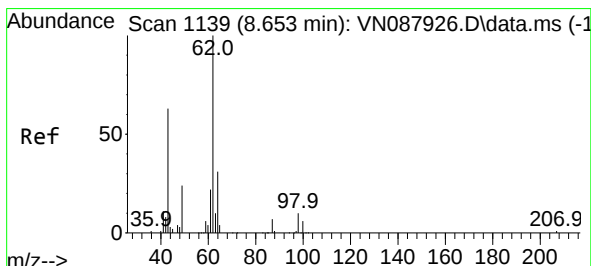
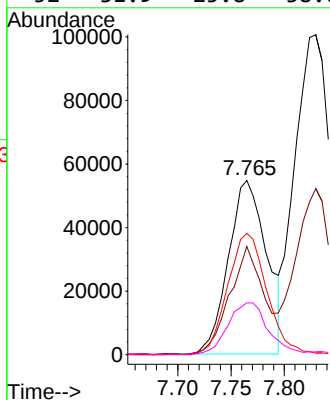
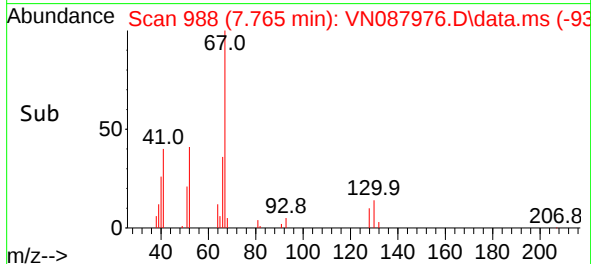
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



| Tgt Ion: | 41   | Ratio | 100  | Lower | Upper |
|----------|------|-------|------|-------|-------|
| 39       | 53.9 | 43.5  | 65.3 |       |       |
| 67       | 71.4 | 57.6  | 86.4 |       |       |
| 52       | 31.9 | 25.8  | 38.6 |       |       |

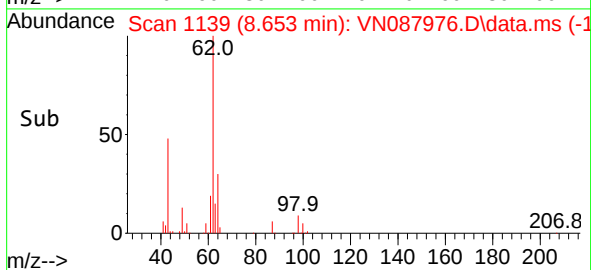
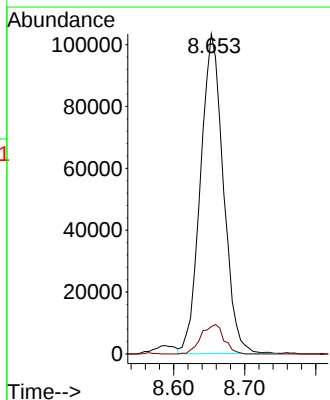
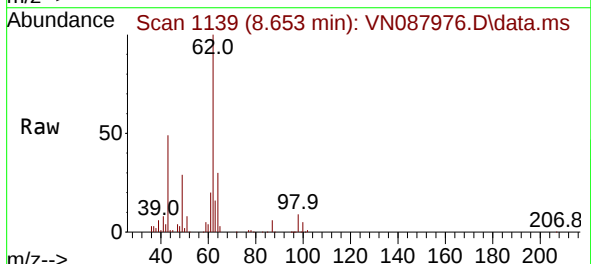
Manual Integrations  
APPROVED

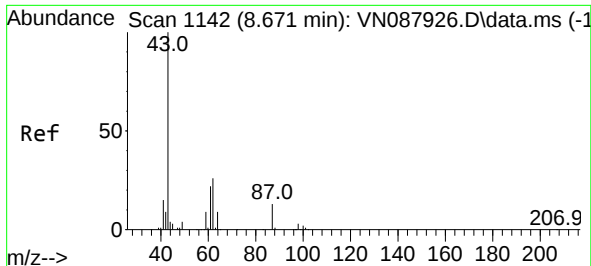
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#42  
1,2-Dichloroethane  
Concen: 51.291 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

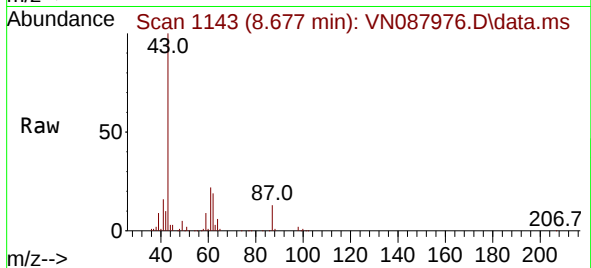
| Tgt Ion: | 62  | Ratio | 100  | Lower | Upper |
|----------|-----|-------|------|-------|-------|
| 98       | 9.3 | 0.0   | 18.6 |       |       |





#43  
Isopropyl Acetate  
Concen: 53.505 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

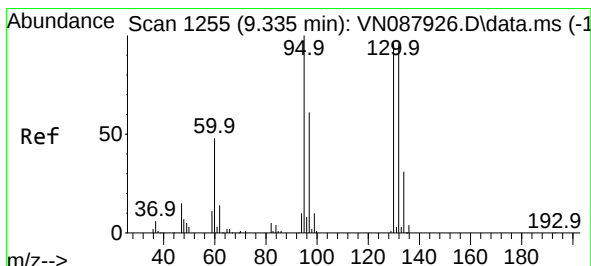
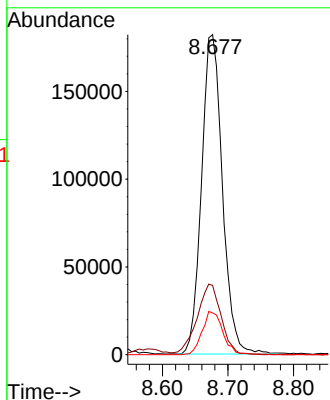
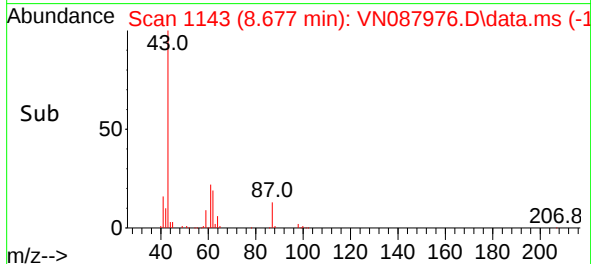
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 40355  
Ion Ratio Lower Upper  
43 100  
61 25.6 20.2 30.2  
87 13.3 10.9 16.3

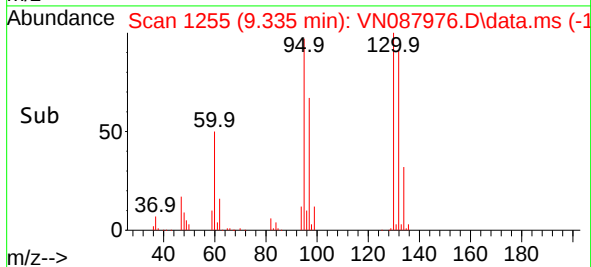
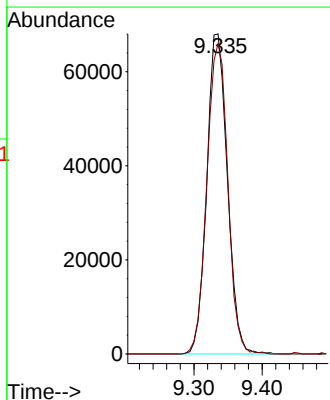
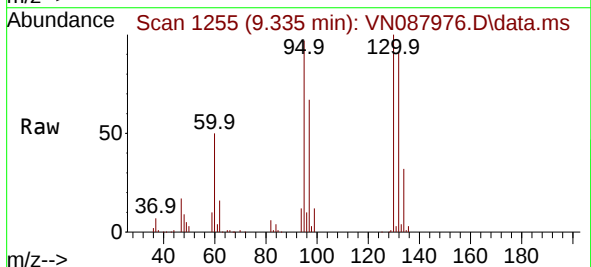
Manual Integrations  
APPROVED

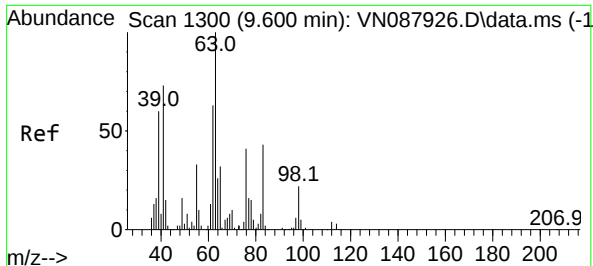
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#44  
Trichloroethene  
Concen: 49.560 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Tgt Ion:130 Resp: 143026  
Ion Ratio Lower Upper  
130 100  
95 97.0 0.0 208.0





#45

1,2-Dichloropropane

Concen: 53.284 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 161428

Ion Ratio Lower Upper

63 100

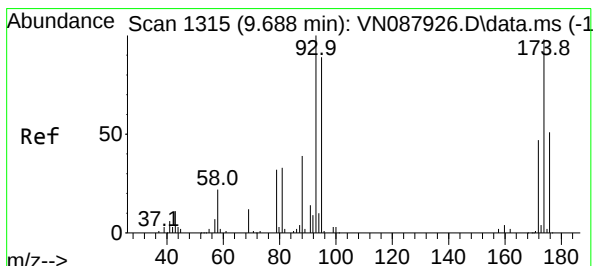
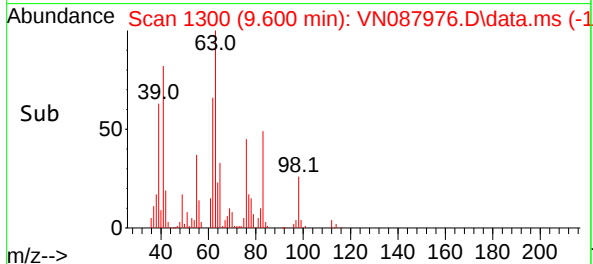
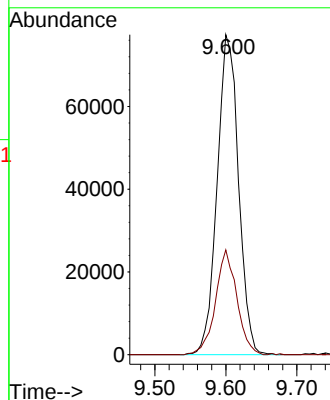
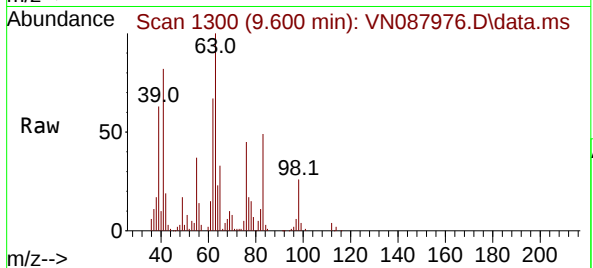
65 32.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#46

Dibromomethane

Concen: 52.943 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

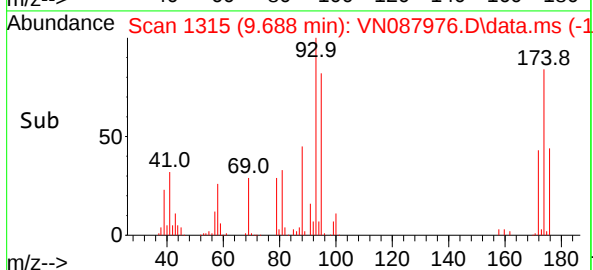
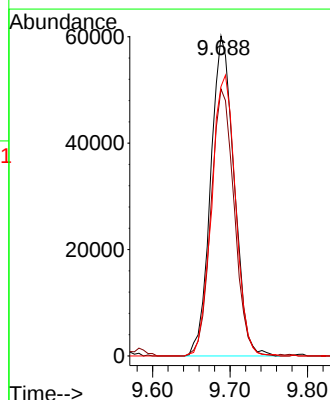
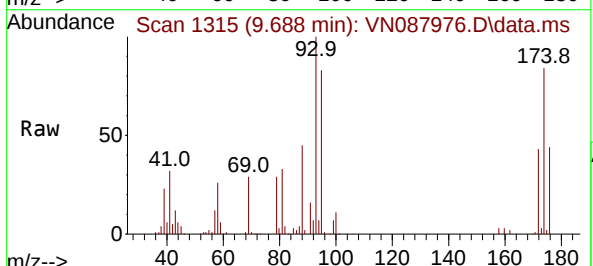
Tgt Ion: 93 Resp: 126563

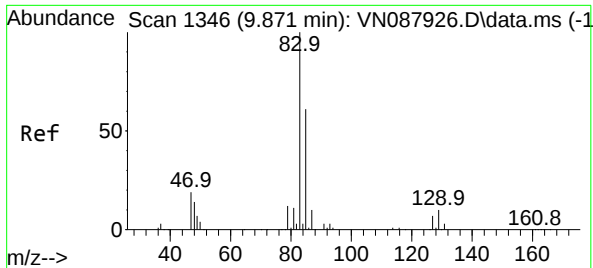
Ion Ratio Lower Upper

93 100

95 82.4 67.6 101.4

174 88.9 75.4 113.0





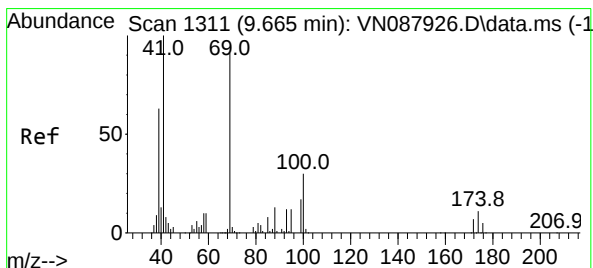
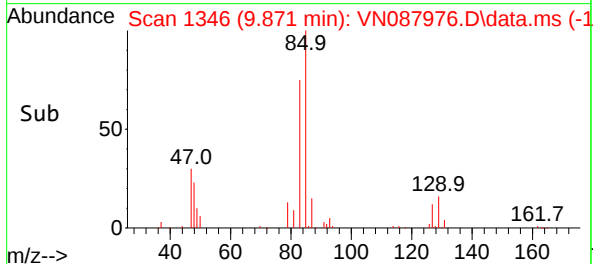
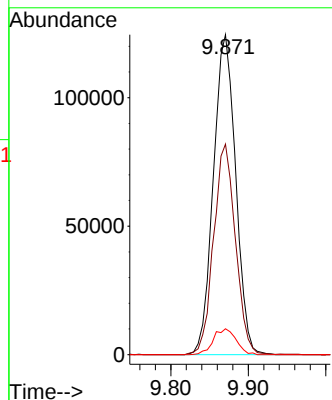
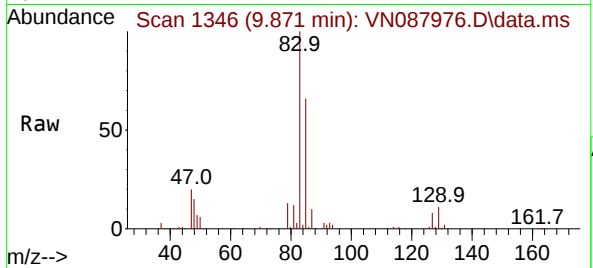
#47  
Bromodichloromethane  
Concen: 53.012 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 24856  
Ion Ratio Lower Upper  
83 100  
85 65.8 49.1 73.7  
127 8.1 5.9 8.9

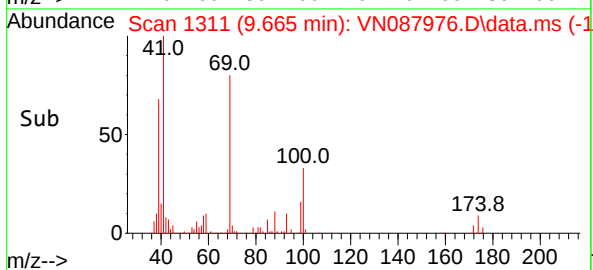
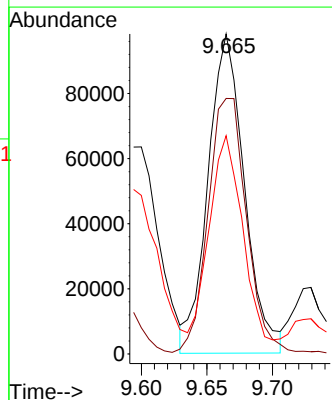
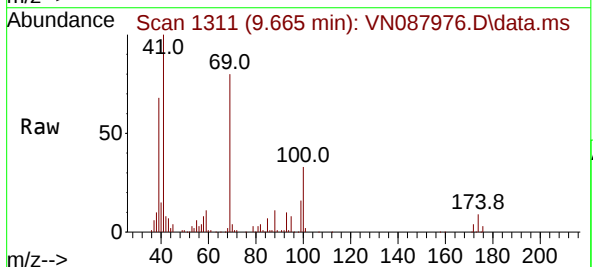
Manual Integrations  
APPROVED

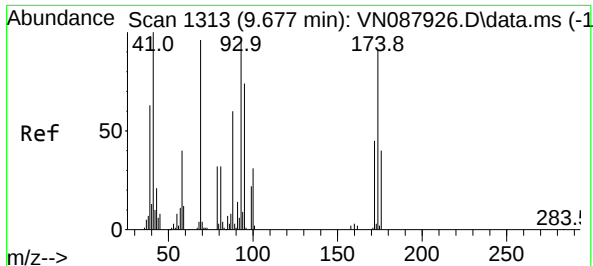
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#48  
Methyl methacrylate  
Concen: 54.126 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Tgt Ion: 41 Resp: 189051  
Ion Ratio Lower Upper  
41 100  
69 85.0 70.9 106.3  
39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 1210.147 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.012 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

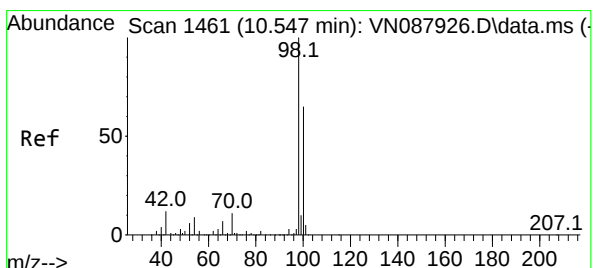
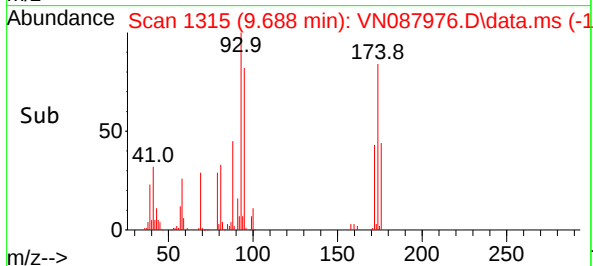
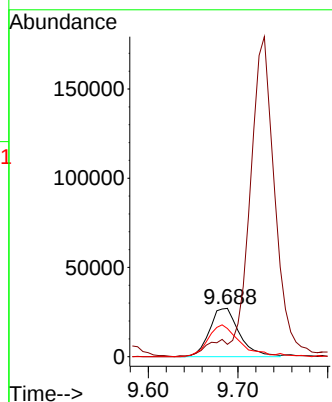
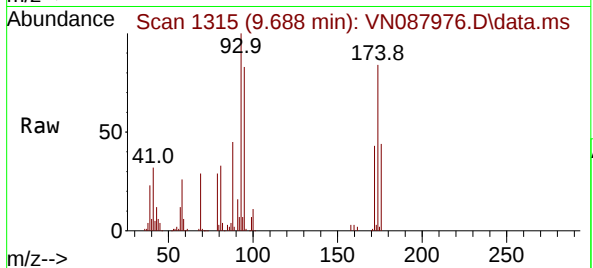
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 6244  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 0.0   | 22.6  | 33.8  |
| 58       | 68.8  | 57.4  | 86.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#50

Toluene-d8

Concen: 48.082 ug/l

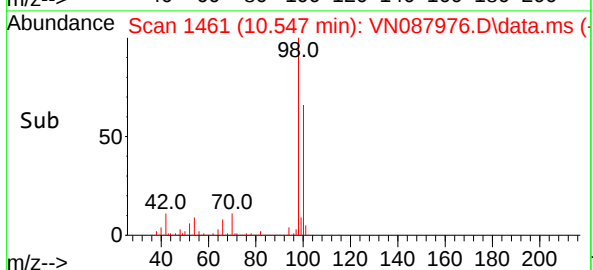
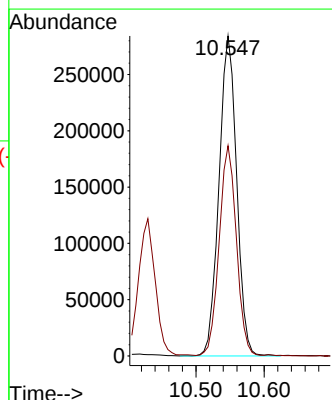
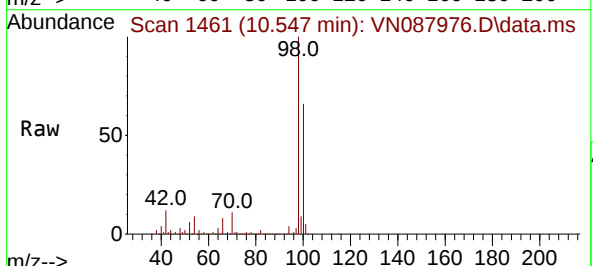
RT: 10.547 min Scan# 1461

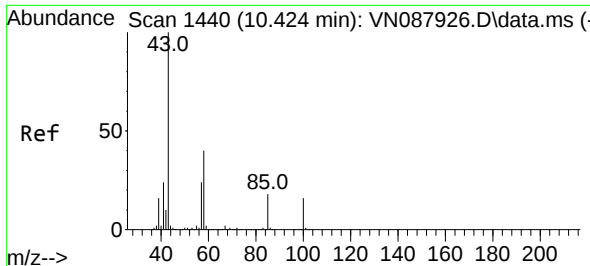
Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

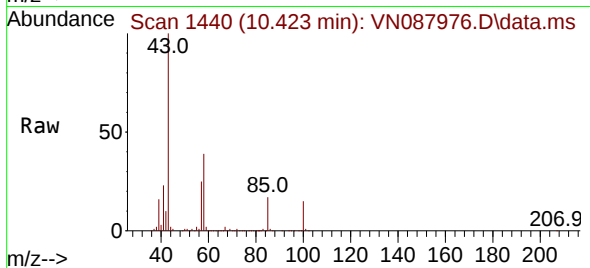
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 513109 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.7  | 51.7  | 77.5   |





#51  
4-Methyl-2-Pentanone  
Concen: 289.726 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

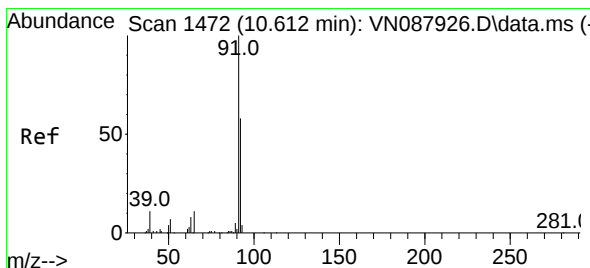
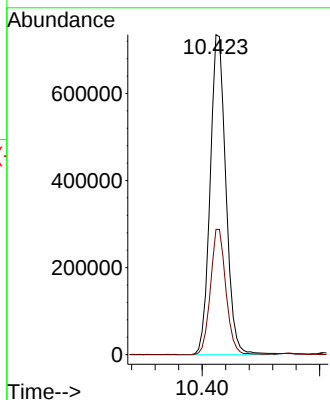
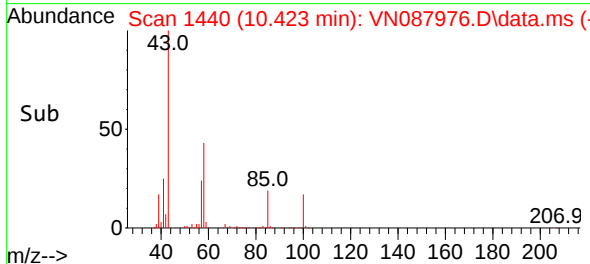
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



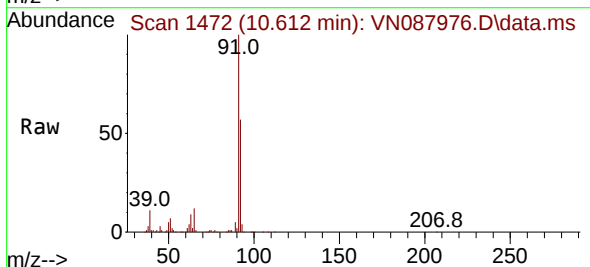
Tgt Ion: 43 Resp: 1363570  
Ion Ratio Lower Upper  
43 100  
58 38.5 31.0 46.6

Manual Integrations  
APPROVED

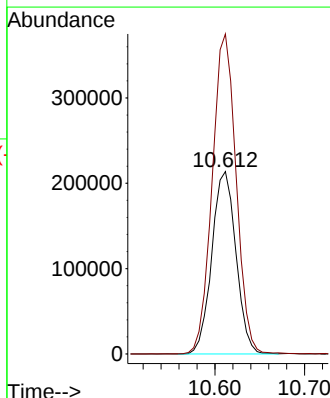
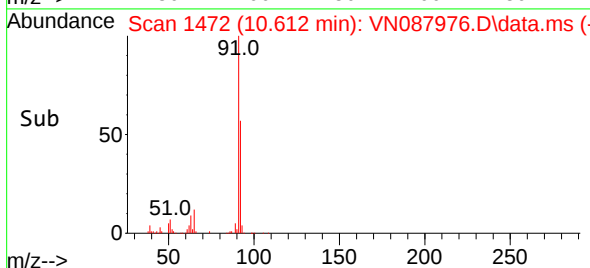
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

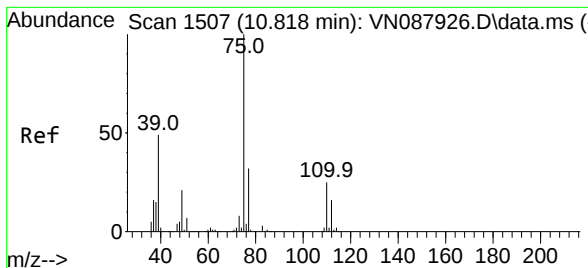


#52  
Toluene  
Concen: 52.612 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion: 92 Resp: 398890  
Ion Ratio Lower Upper  
92 100  
91 174.3 138.2 207.2





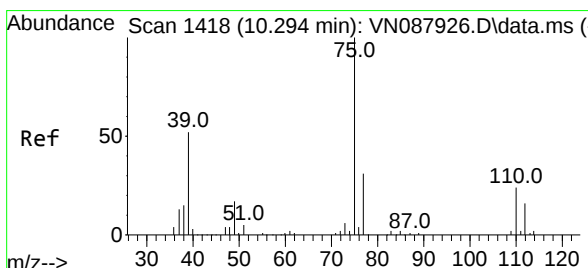
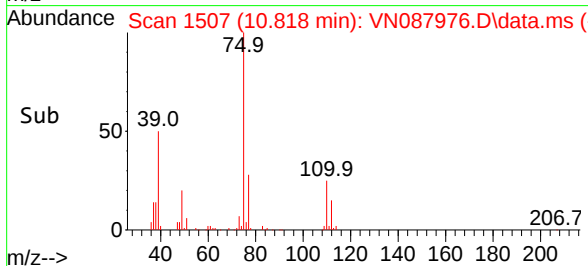
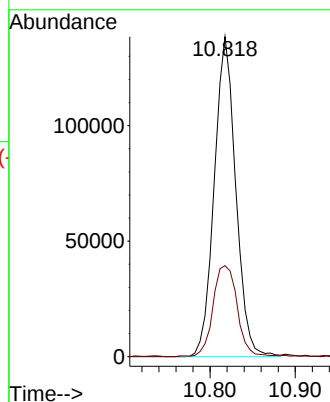
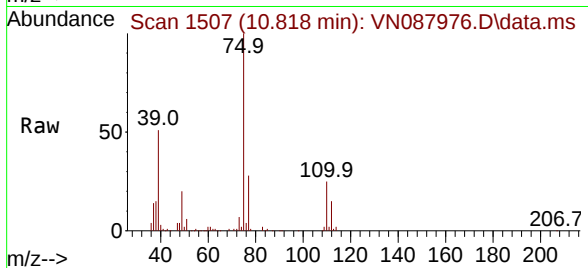
#53  
 t-1,3-Dichloropropene  
 Concen: 50.584 ug/l  
 RT: 10.818 min Scan# 1507  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 75 Resp: 24273  
 Ion Ratio Lower Upper  
 75 100  
 77 28.2 25.3 37.9

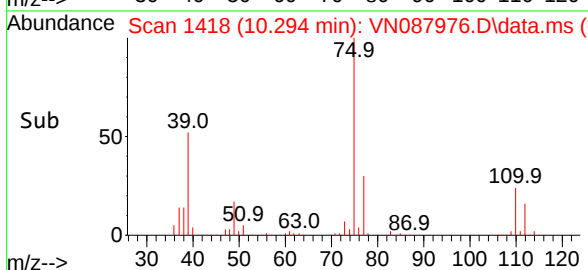
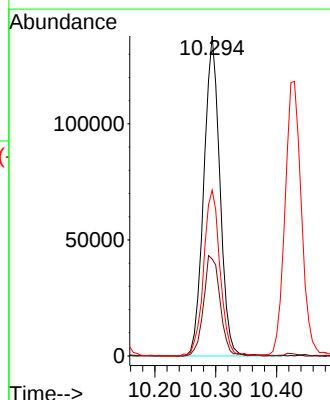
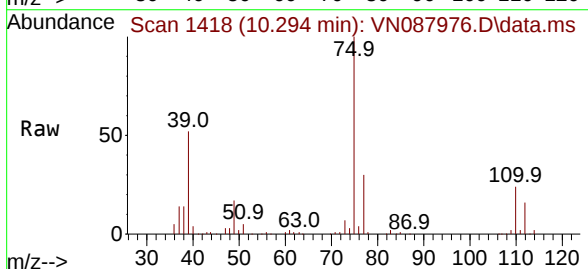
Manual Integrations  
 APPROVED

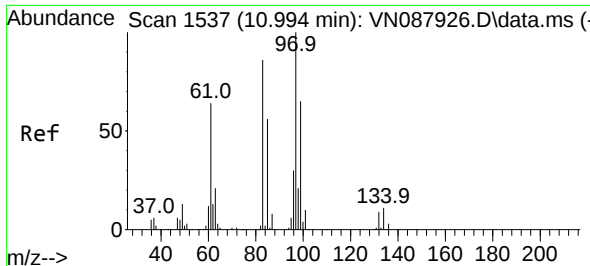
Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.743 ug/l  
 RT: 10.294 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

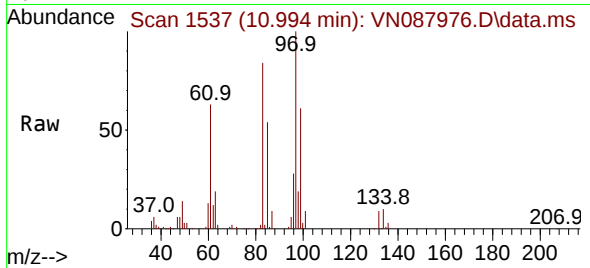
Tgt Ion: 75 Resp: 252901  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 24.7 37.1  
 39 51.4 41.4 62.0





#55  
1,1,2-Trichloroethane  
Concen: 53.466 ug/l  
RT: 10.994 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

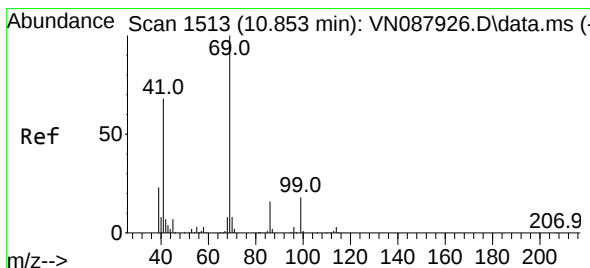
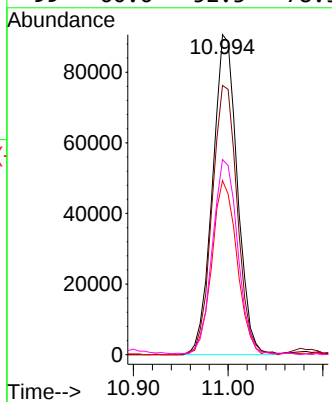
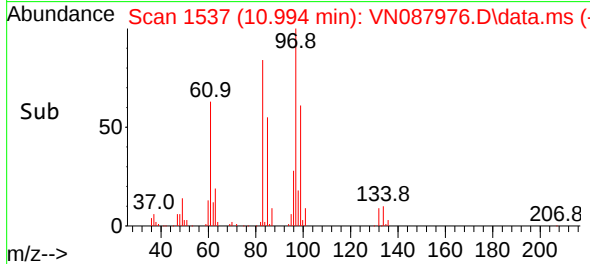
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



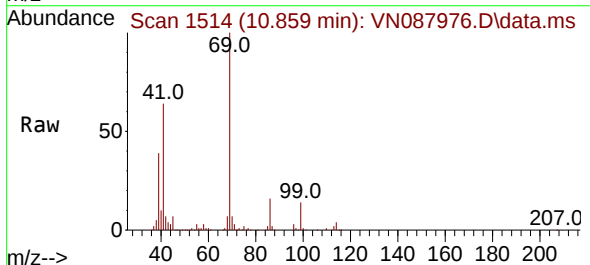
Tgt Ion: 97 Resp: 164820  
Ion Ratio Lower Upper  
97 100  
83 84.1 69.0 103.4  
85 54.4 44.4 66.6  
99 60.6 52.3 78.5

Manual Integrations  
APPROVED

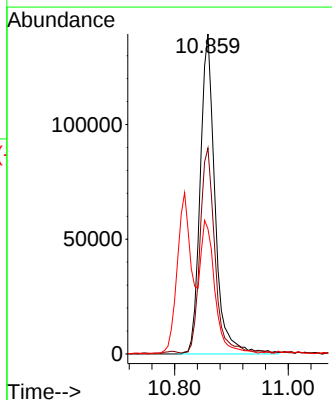
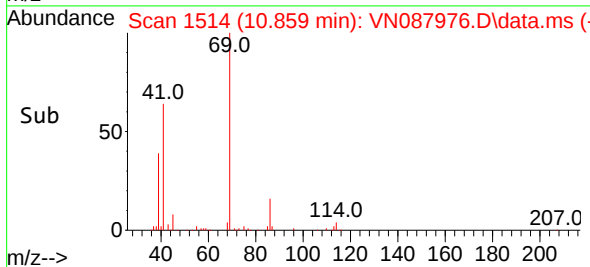
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

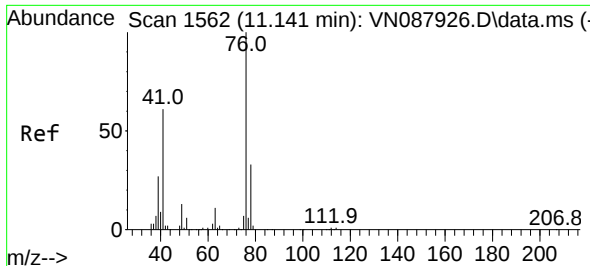


#56  
Ethyl methacrylate  
Concen: 56.883 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion: 69 Resp: 253380  
Ion Ratio Lower Upper  
69 100  
41 64.0 53.8 80.6  
39 38.3 34.7 52.1





#57

1,3-Dichloropropane

Concen: 53.469 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 271109

Ion Ratio Lower Upper

76 100

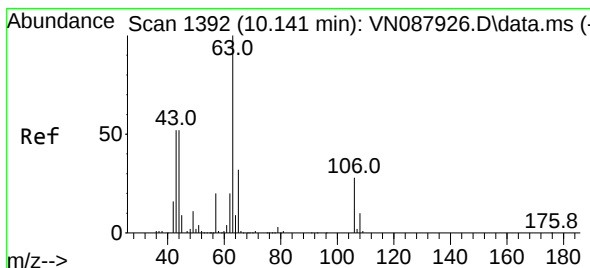
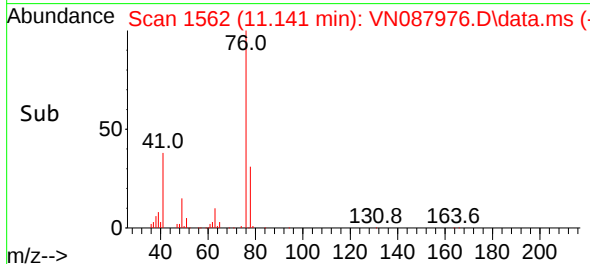
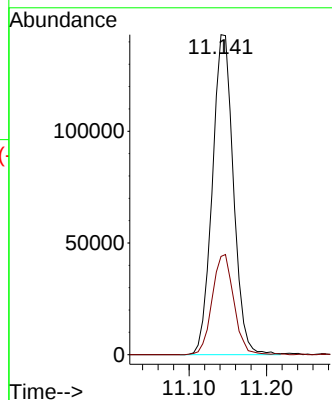
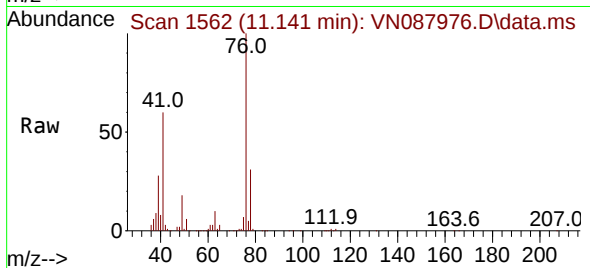
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 337.365 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087976.D

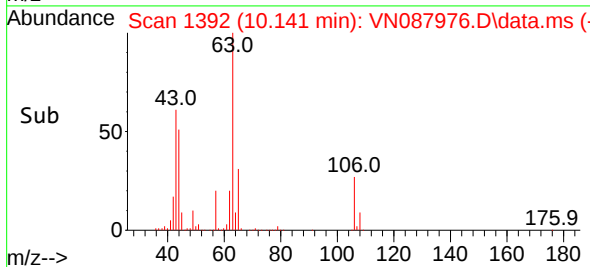
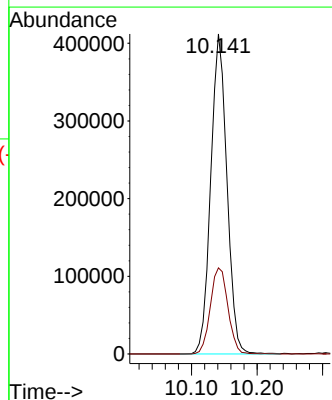
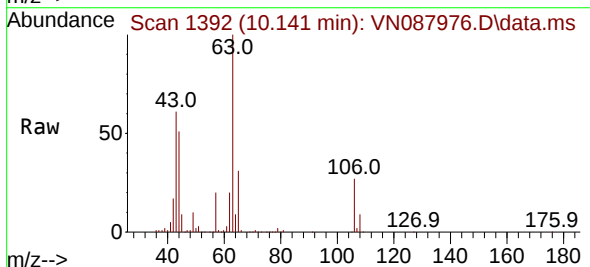
Acq: 29 Sep 2025 12:35

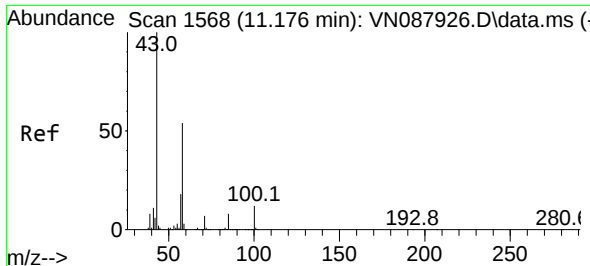
Tgt Ion: 63 Resp: 706565

Ion Ratio Lower Upper

63 100

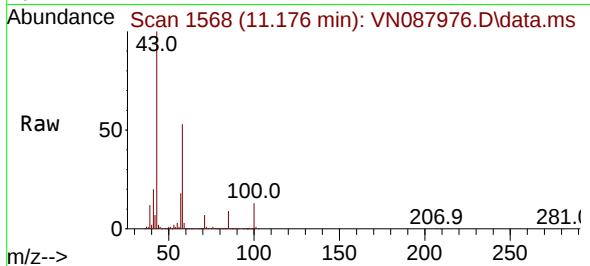
106 29.1 22.6 33.8





#59  
2-Hexanone  
Concen: 295.620 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

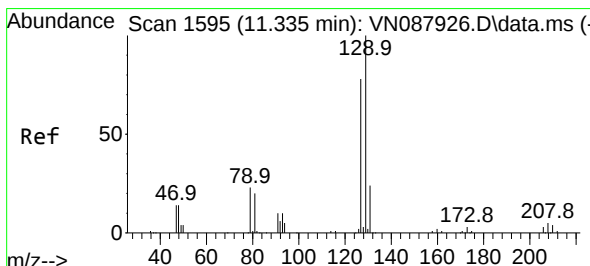
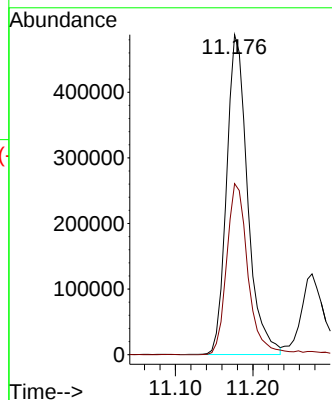
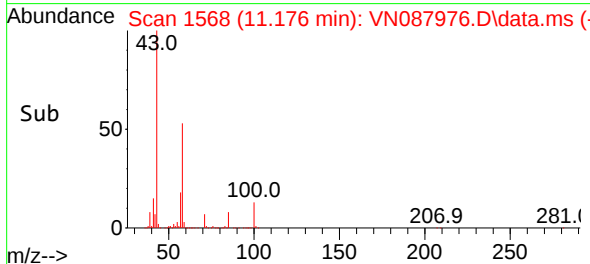
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



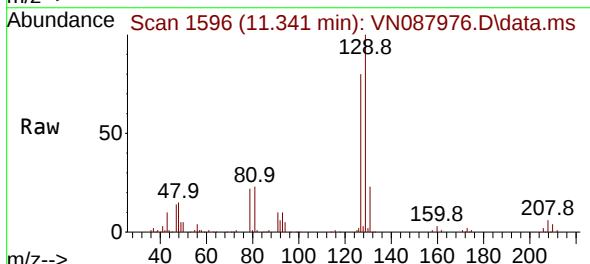
Tgt Ion: 43 Resp: 919964  
Ion Ratio Lower Upper  
43 100  
58 54.2 26.4 79.2

Manual Integrations  
APPROVED

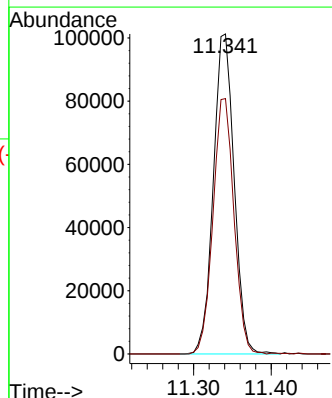
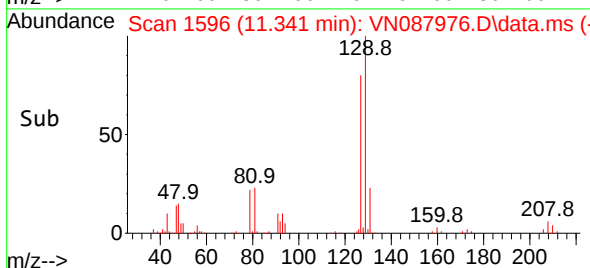
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

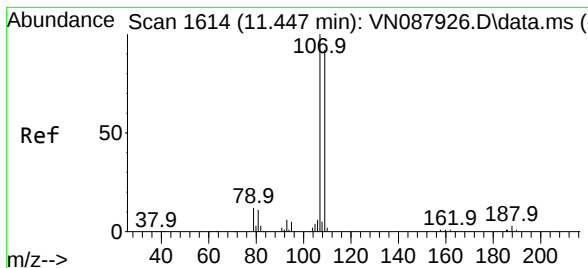


#60  
Dibromochloromethane  
Concen: 52.023 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



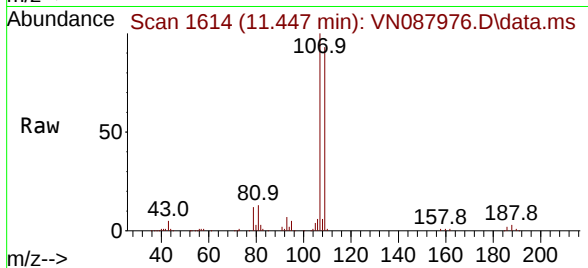
Tgt Ion:129 Resp: 188558  
Ion Ratio Lower Upper  
129 100  
127 80.4 39.3 117.9





#61  
1,2-Dibromoethane  
Concen: 52.707 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

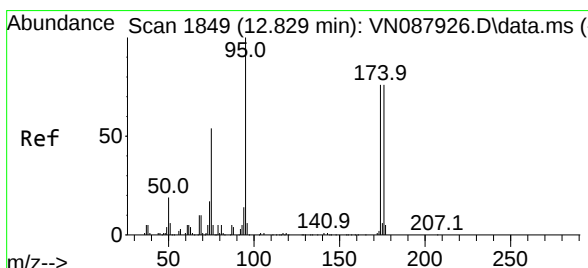
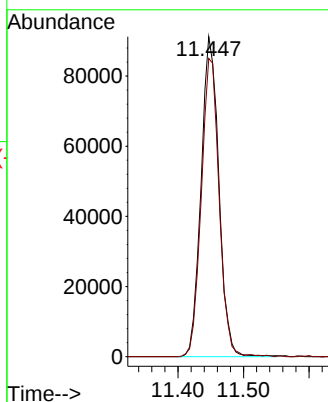
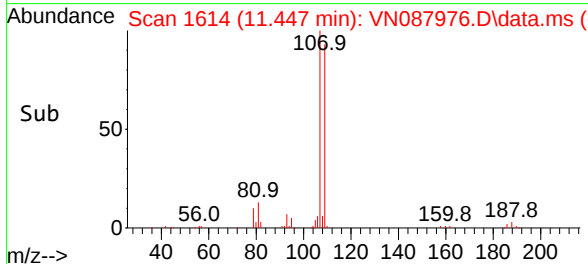
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



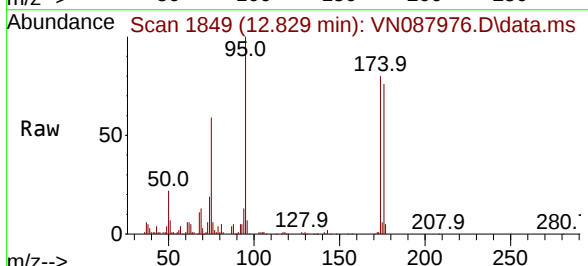
Tgt Ion:107 Resp: 172008  
Ion Ratio Lower Upper  
107 100  
109 93.1 75.3 112.9

Manual Integrations  
APPROVED

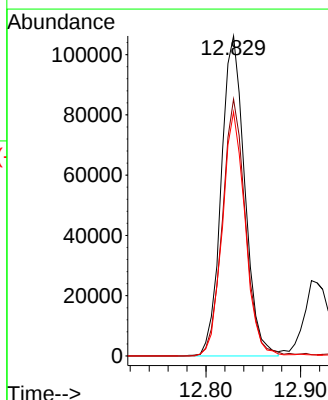
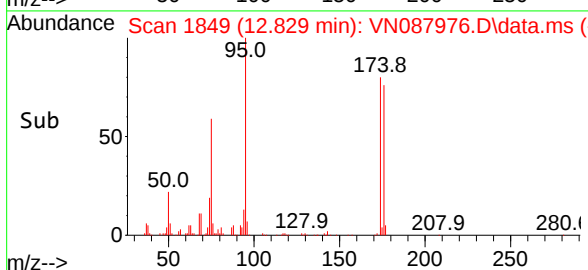
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

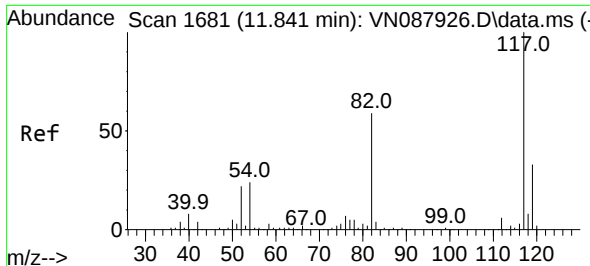


#62  
4-Bromofluorobenzene  
Concen: 48.039 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



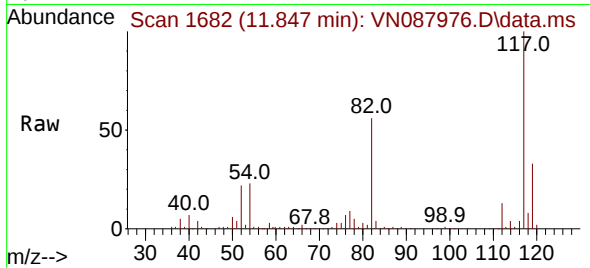
Tgt Ion: 95 Resp: 183246  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 159.2  
176 74.1 0.0 152.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 1681  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

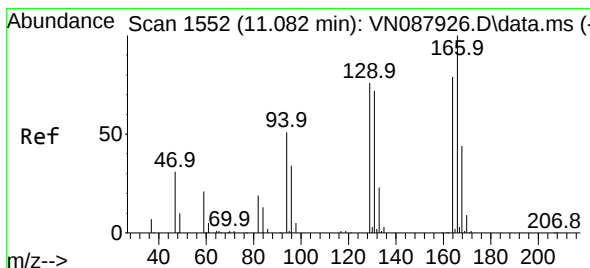
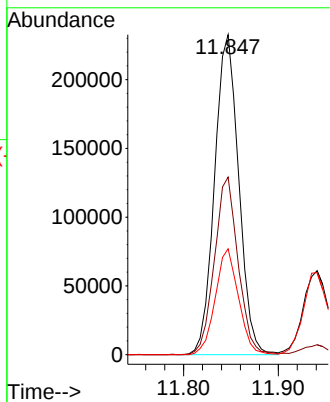
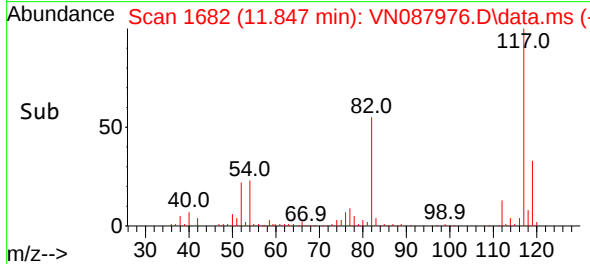
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:117 Resp: 412483  
Ion Ratio Lower Upper  
117 100  
82 55.5 47.0 70.4  
119 33.1 26.1 39.1

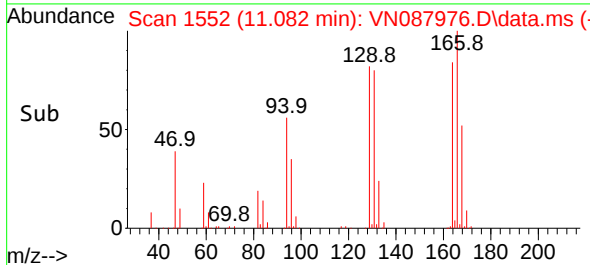
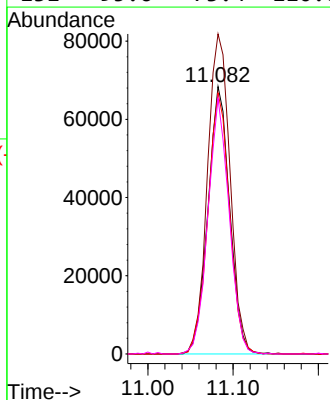
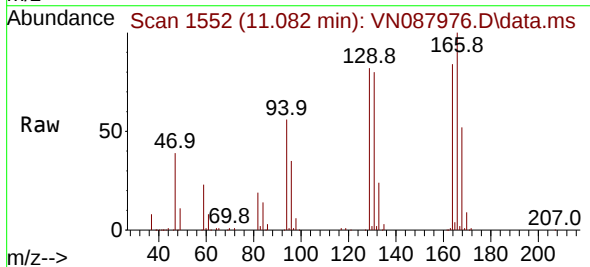
Manual Integrations  
APPROVED

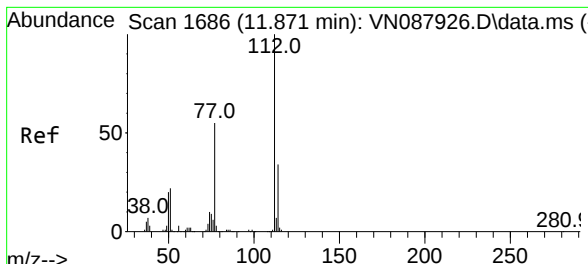
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#64  
Tetrachloroethene  
Concen: 48.461 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

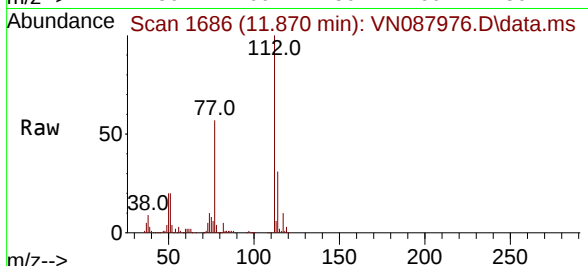
Tgt Ion:164 Resp: 121765  
Ion Ratio Lower Upper  
164 100  
166 119.7 101.6 152.4  
129 97.7 77.5 116.3  
131 95.6 73.4 110.0





#65  
Chlorobenzene  
Concen: 50.487 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

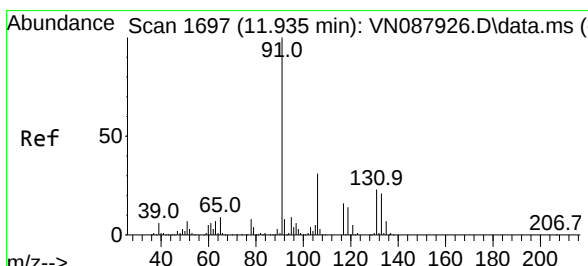
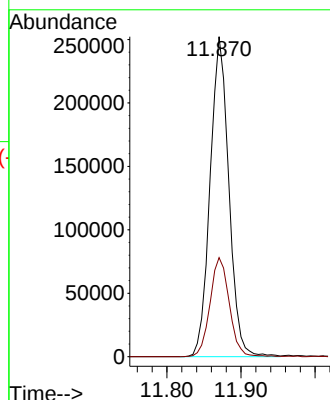
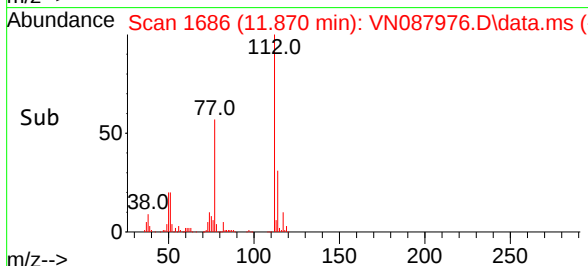
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



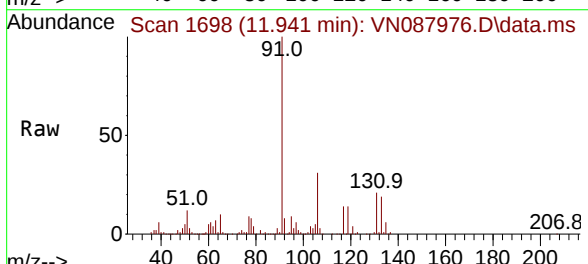
Tgt Ion:112 Resp: 443168  
Ion Ratio Lower Upper  
112 100  
114 31.0 27.2 40.8

Manual Integrations  
APPROVED

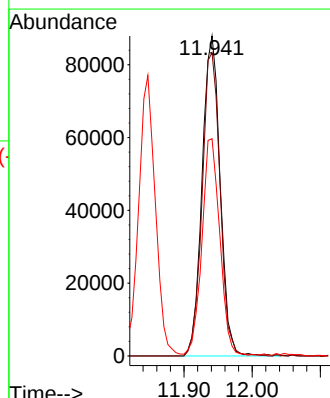
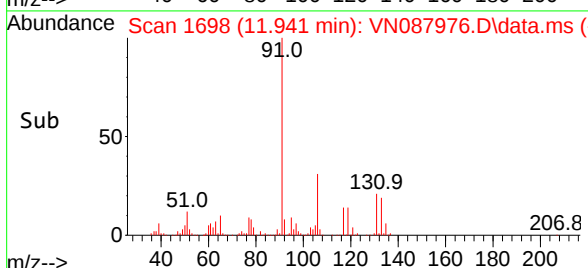
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

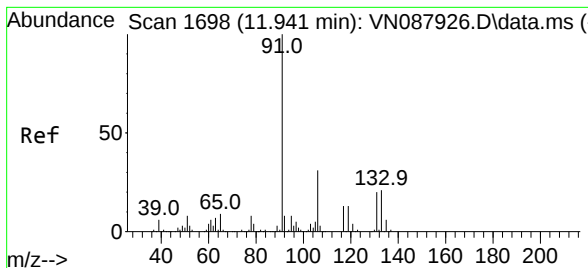


#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.003 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



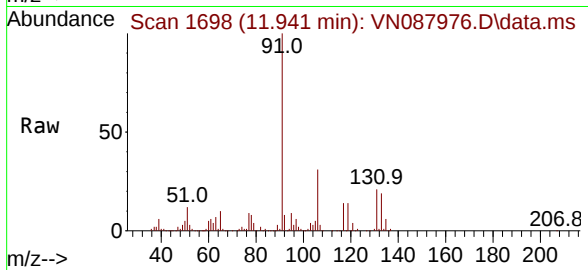
Tgt Ion:131 Resp: 161449  
Ion Ratio Lower Upper  
131 100  
133 94.3 48.4 145.0  
119 67.1 31.9 95.5





#67  
Ethyl Benzene  
Concen: 50.293 ug/l  
RT: 11.941 min Scan# 1198  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

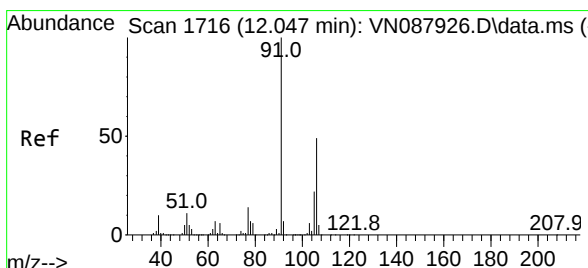
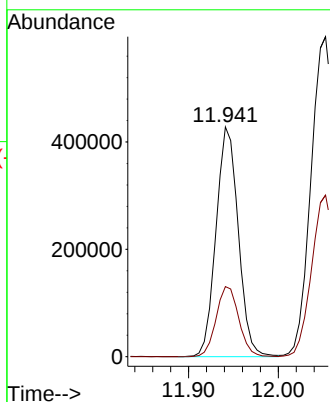
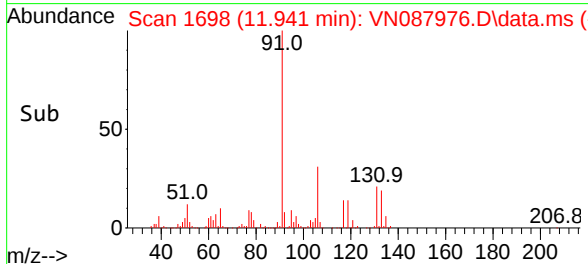
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



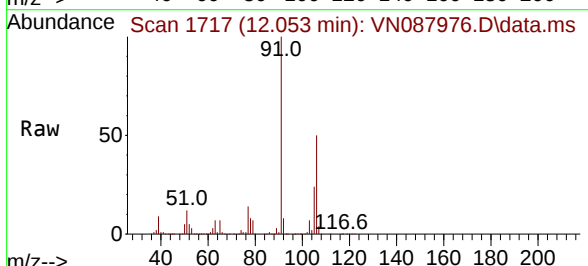
Tgt Ion: 91 Resp: 73663  
Ion Ratio Lower Upper  
91 100  
106 30.5 25.2 37.8

Manual Integrations  
APPROVED

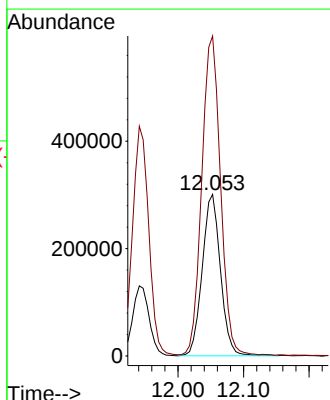
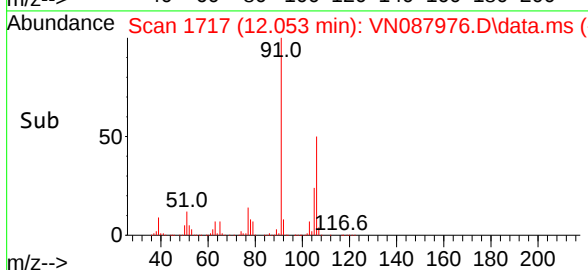
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

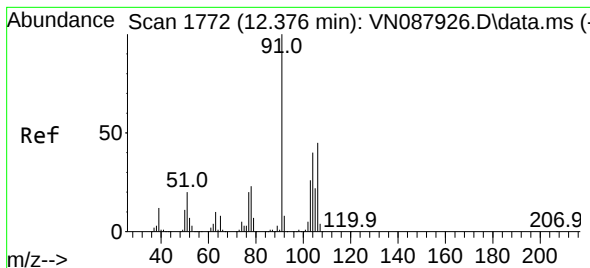


#68  
m/p-Xylenes  
Concen: 103.624 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



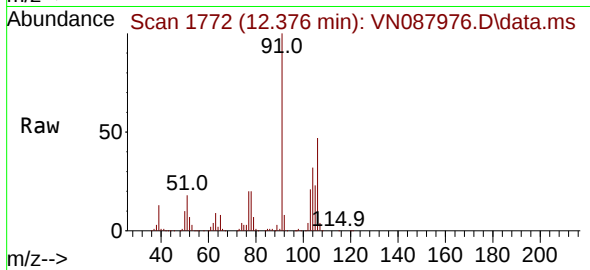
Tgt Ion:106 Resp: 580478  
Ion Ratio Lower Upper  
106 100  
91 204.1 162.9 244.3





#69  
o-Xylene  
Concen: 50.888 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

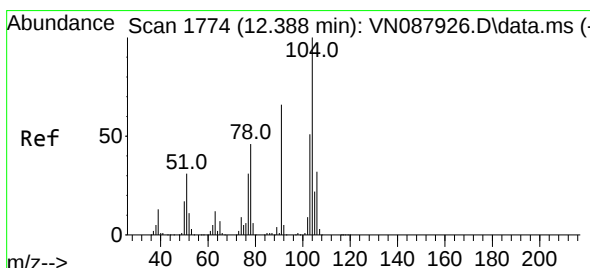
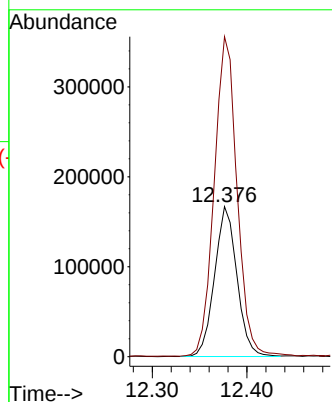
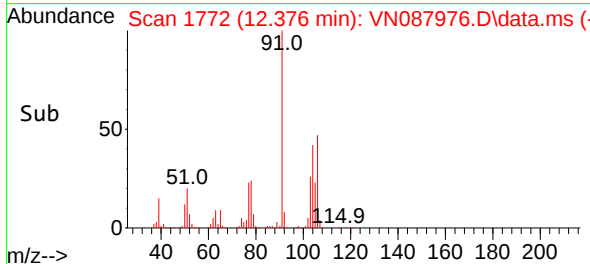
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



Tgt Ion:106 Resp: 273874  
Ion Ratio Lower Upper  
106 100  
91 217.1 108.2 324.6

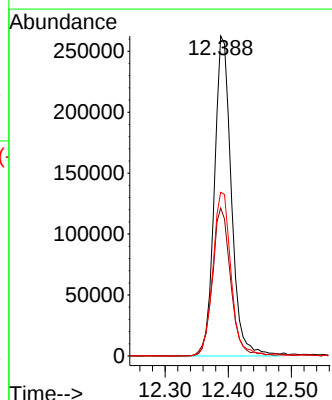
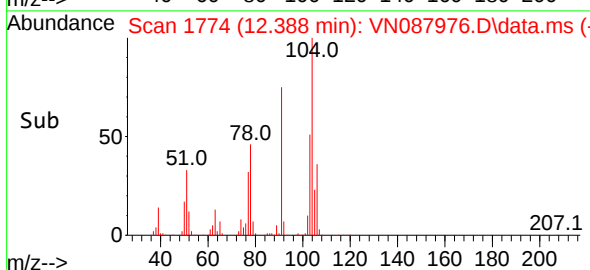
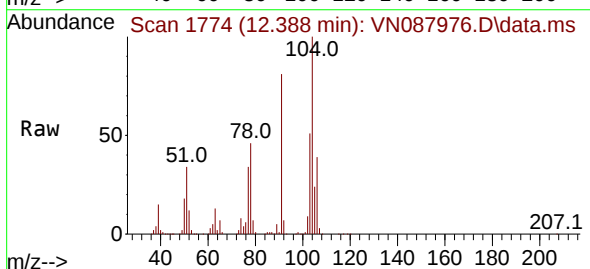
Manual Integrations  
APPROVED

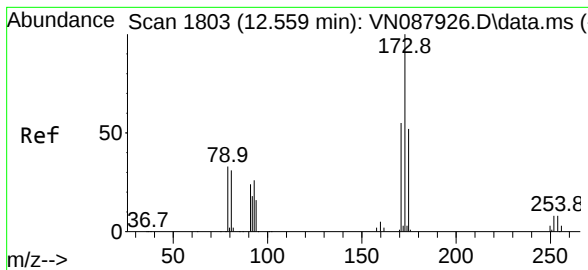
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#70  
Styrene  
Concen: 52.989 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

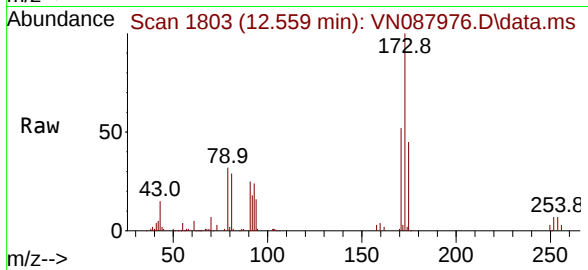
Tgt Ion:104 Resp: 489792  
Ion Ratio Lower Upper  
104 100  
78 49.7 39.7 59.5  
103 54.7 44.6 67.0





#71  
Bromoform  
Concen: 53.138 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

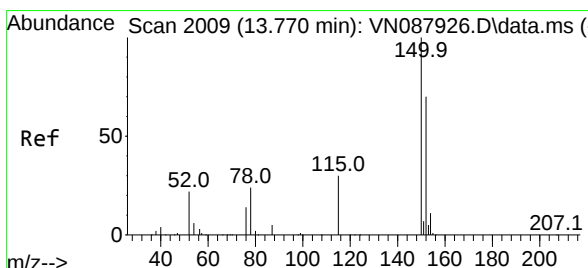
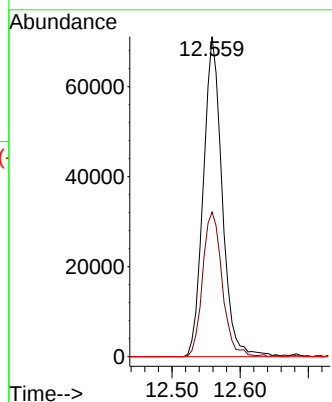
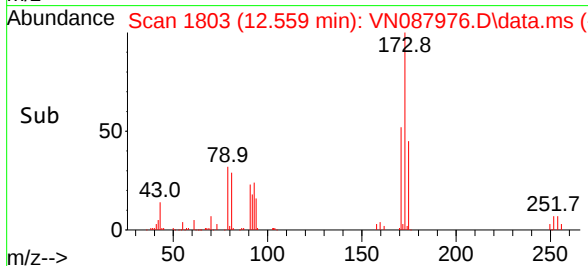
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



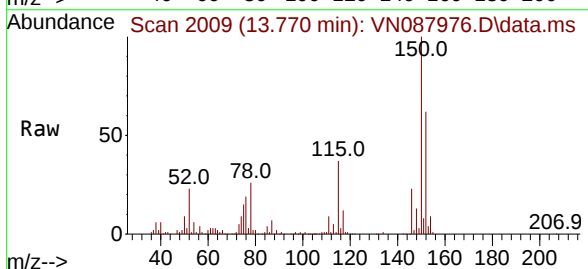
Tgt Ion:173 Resp: 136469  
Ion Ratio Lower Upper  
173 100  
175 47.1 23.7 71.1  
254 0.0 0.1 0.1

Manual Integrations  
APPROVED

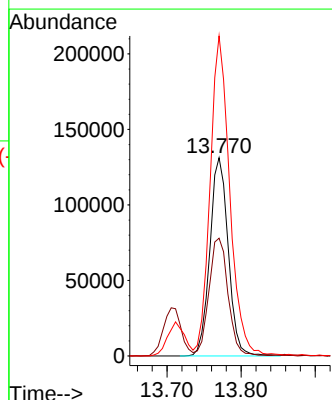
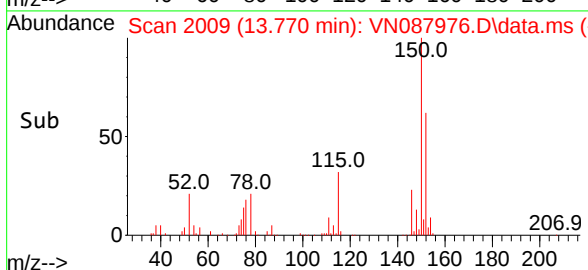
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

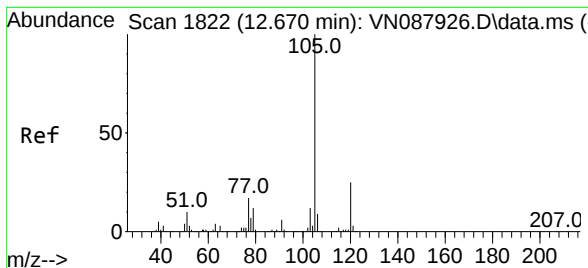


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion:152 Resp: 226671  
Ion Ratio Lower Upper  
152 100  
115 61.2 29.9 89.7  
150 171.5 0.0 335.0





#73

Isopropylbenzene

Concen: 50.561 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 71030

Ion Ratio Lower Upper

105 100

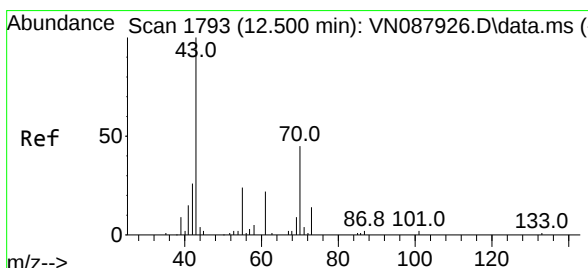
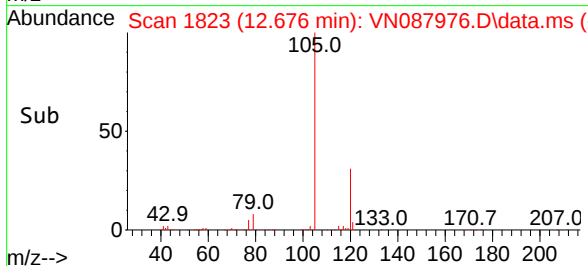
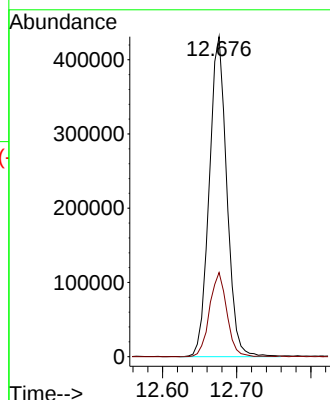
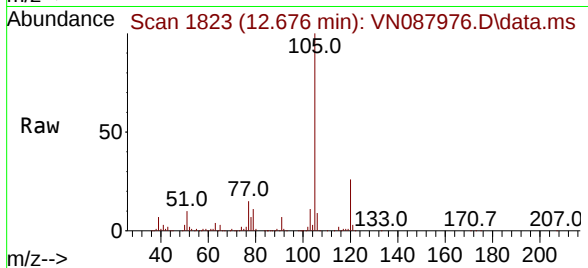
120 25.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#74

N-ethyl acetate

Concen: 46.691 ug/l m

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Tgt Ion: 43 Resp: 216127

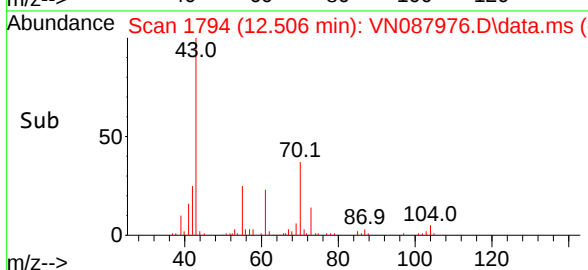
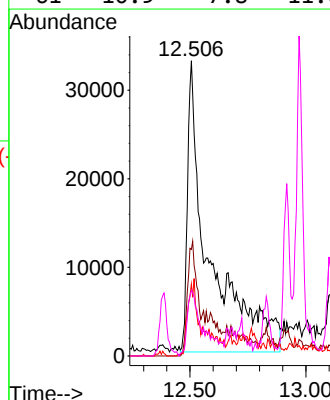
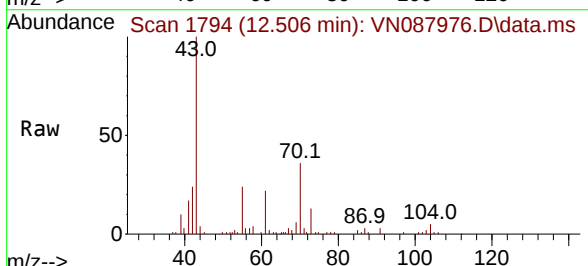
Ion Ratio Lower Upper

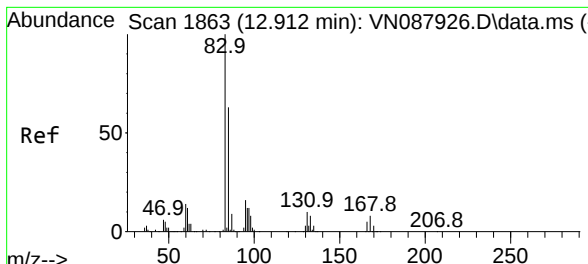
43 100

70 17.0 19.8 29.8#

55 15.1 9.6 14.4#

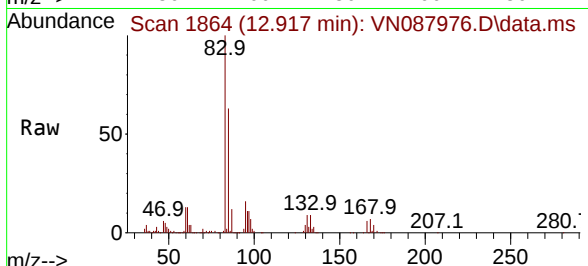
61 10.9 7.8 11.6





#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.451 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. 0.006 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

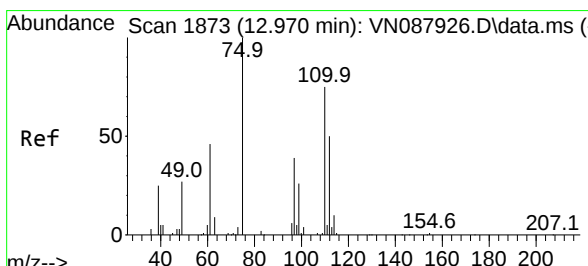
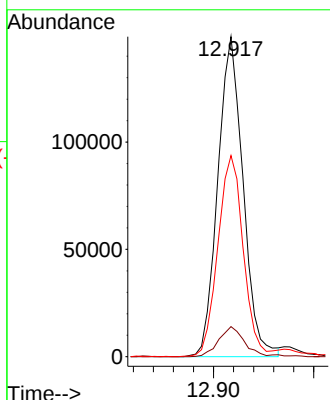
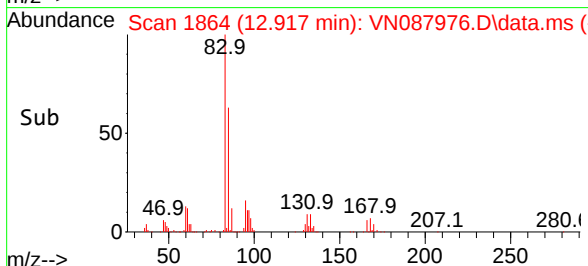
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



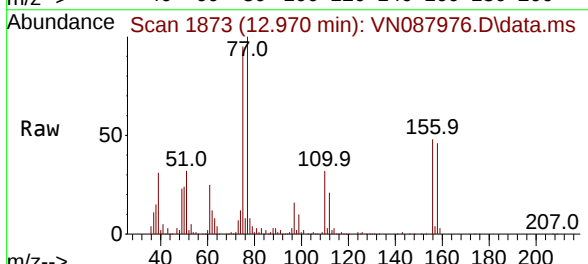
Tgt Ion: 83 Resp: 26043  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.2 15.6  
 85 63.2 32.4 97.0

Manual Integrations  
 APPROVED

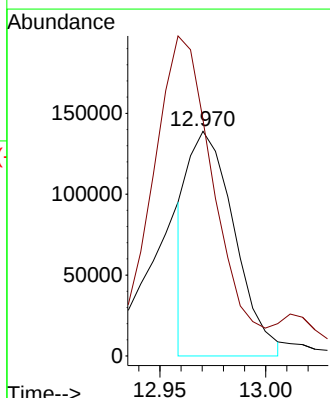
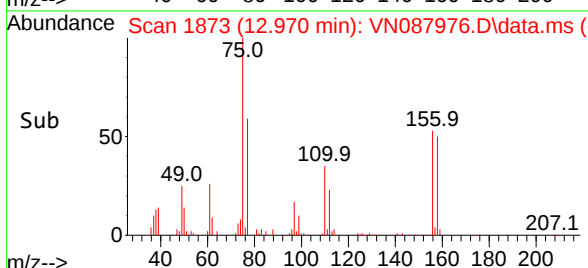
Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025

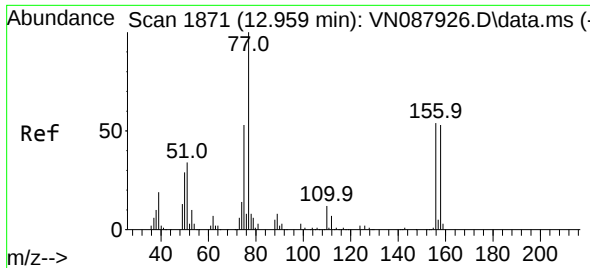


#76  
 1,2,3-Trichloropropane  
 Concen: 47.505 ug/l m  
 RT: 12.970 min Scan# 1873  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35



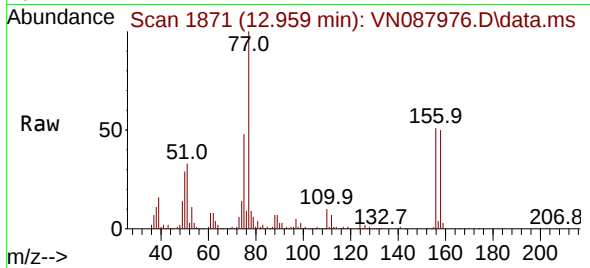
Tgt Ion: 75 Resp: 212261  
 Ion Ratio Lower Upper  
 75 100  
 77 190.8 89.5 268.5





#77  
Bromobenzene  
Concen: 50.960 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

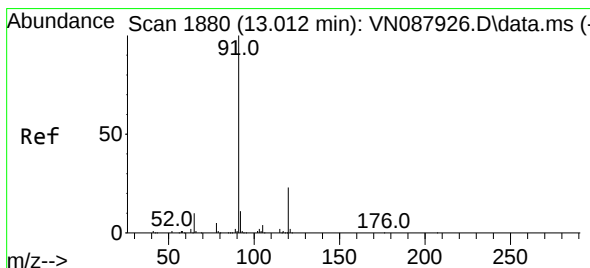
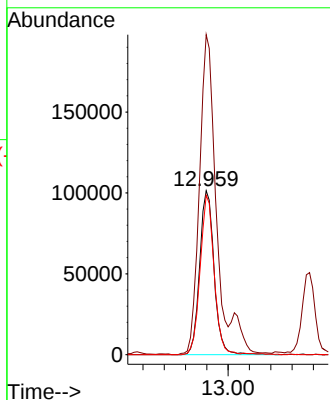
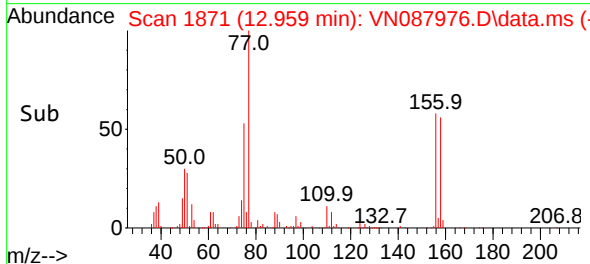
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



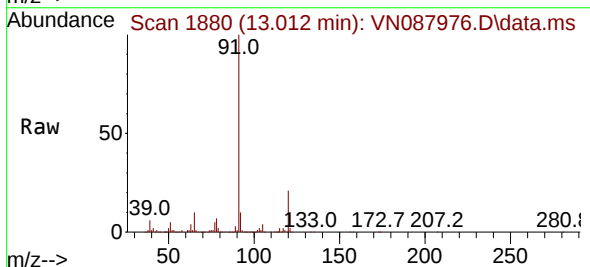
Tgt Ion:156 Resp: 190479  
Ion Ratio Lower Upper  
156 100  
77 212.6 108.2 324.6  
158 94.0 49.6 149.0

Manual Integrations  
APPROVED

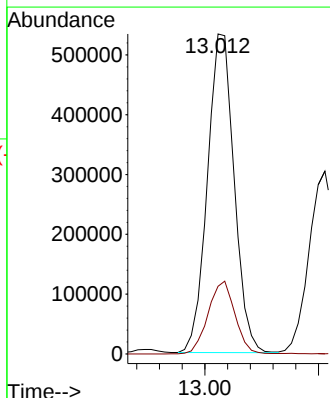
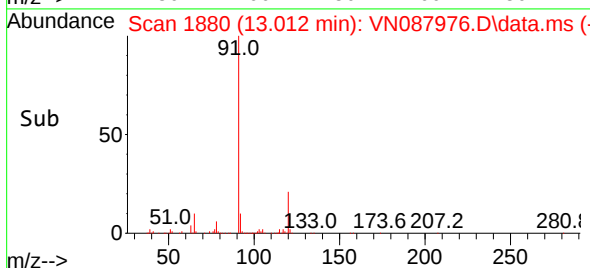
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

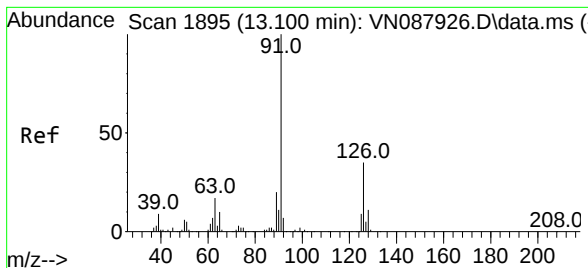


#78  
n-propylbenzene  
Concen: 49.728 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion: 91 Resp: 873432  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.1 33.1





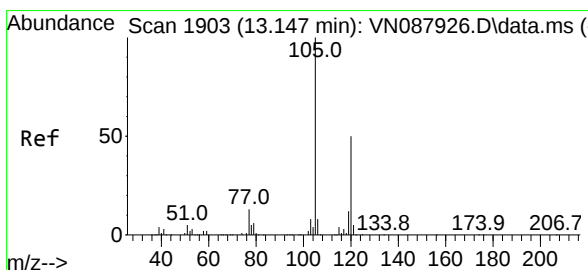
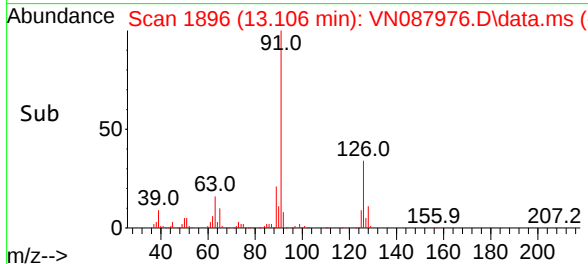
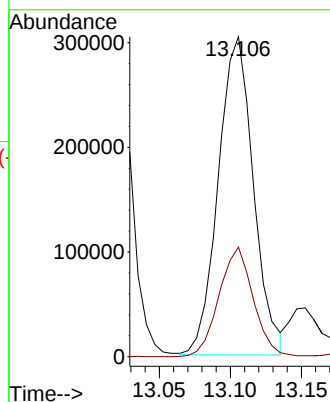
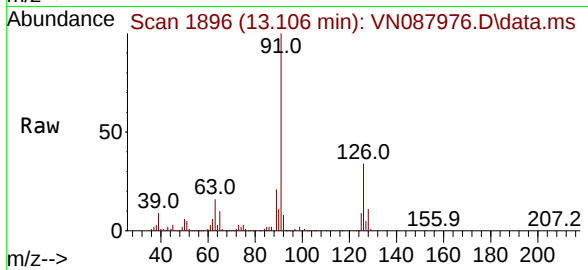
#79  
2-Chlorotoluene  
Concen: 48.917 ug/l  
RT: 13.106 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 52315  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.6 49.8

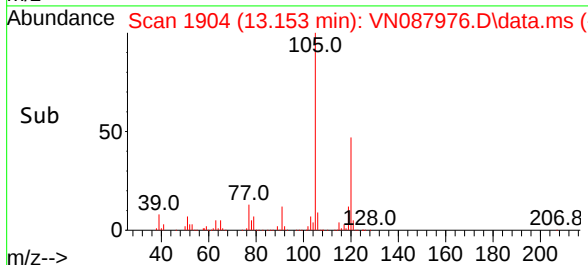
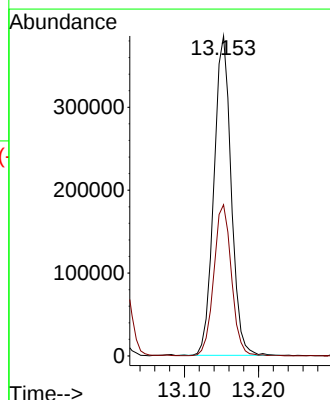
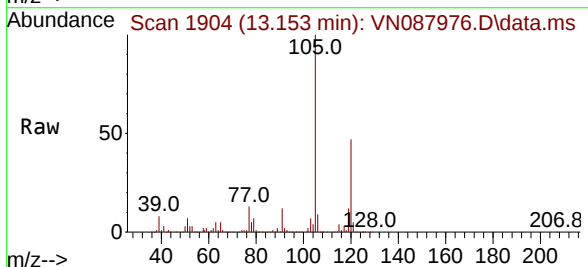
Manual Integrations  
APPROVED

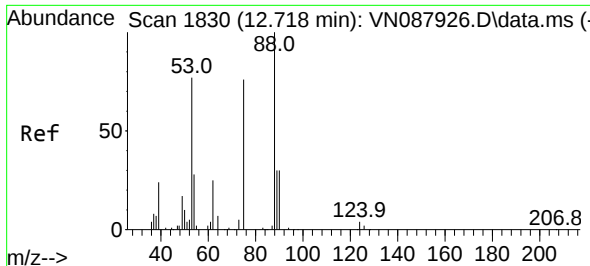
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 51.299 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

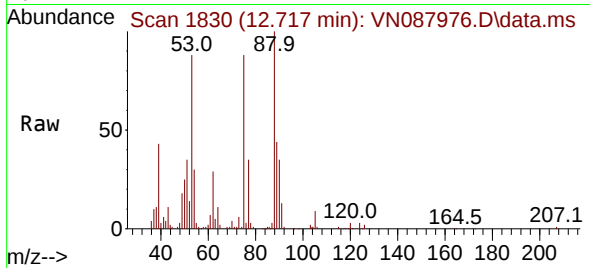
Tgt Ion:105 Resp: 623358  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.7 74.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.718 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

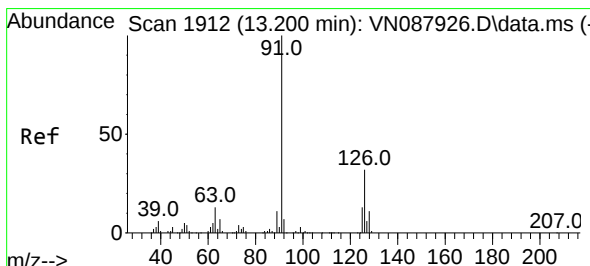
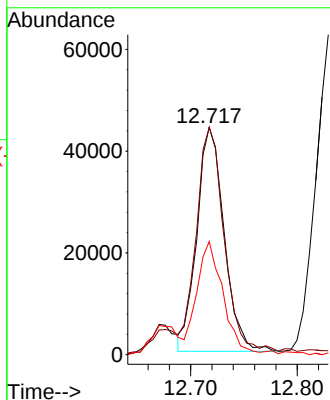
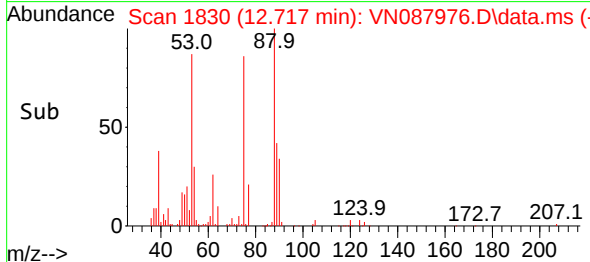
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



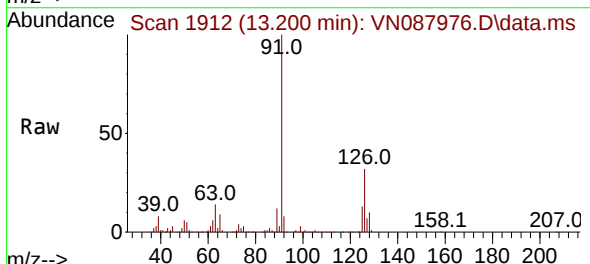
Tgt Ion: 75 Resp: 78392  
Ion Ratio Lower Upper  
75 100  
53 102.0 82.0 123.0  
89 46.4 36.1 54.1

Manual Integrations  
APPROVED

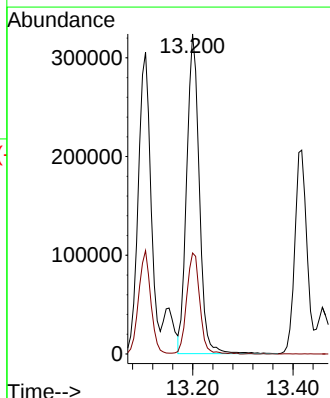
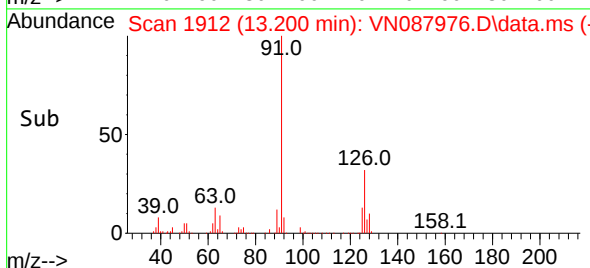
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

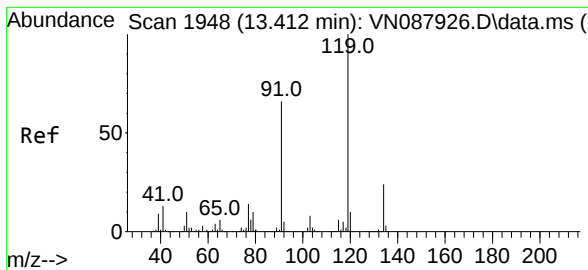


#82  
4-Chlorotoluene  
Concen: 52.013 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



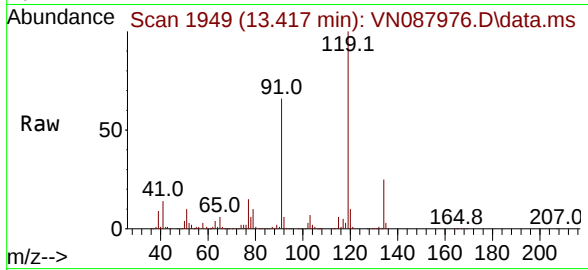
Tgt Ion: 91 Resp: 560511  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.9 50.6





#83  
 tert-Butylbenzene  
 Concen: 50.780 ug/l  
 RT: 13.417 min Scan# 1948  
 Delta R.T. 0.006 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

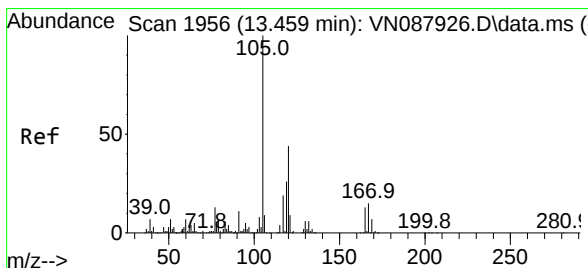
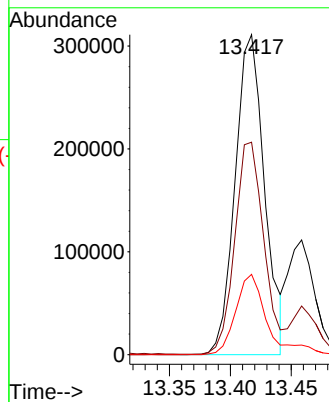
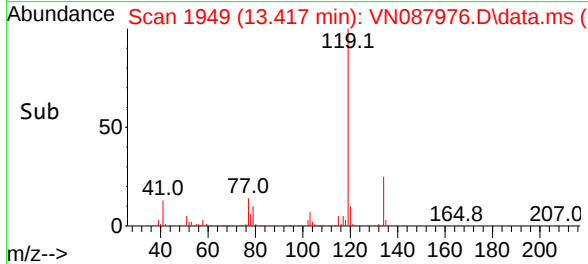
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



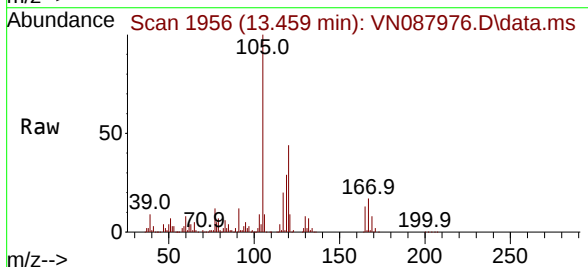
Tgt Ion:119 Resp: 52229  
 Ion Ratio Lower Upper  
 119 100  
 91 65.2 32.1 96.3  
 134 26.9 12.3 36.8

Manual Integrations  
 APPROVED

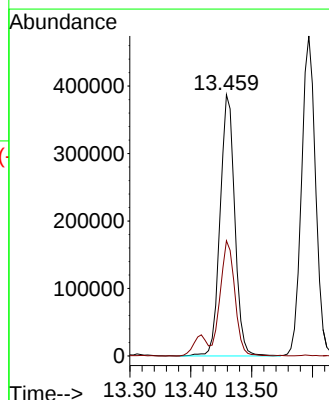
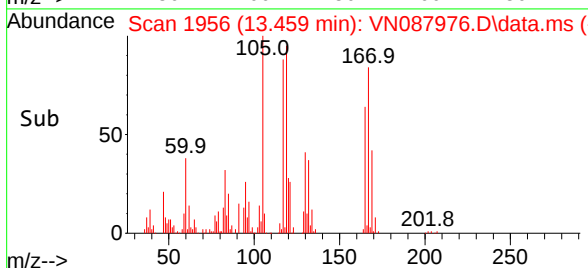
Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025

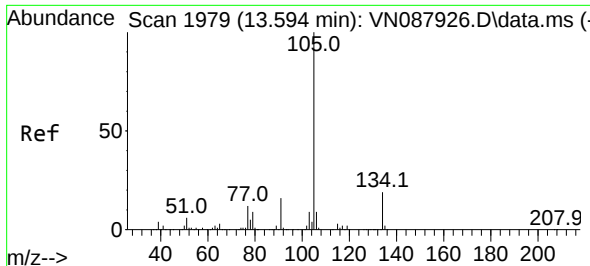


#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.943 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35



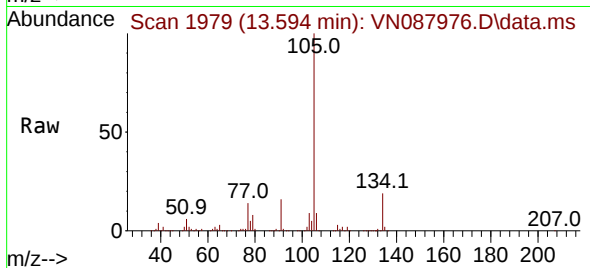
Tgt Ion:105 Resp: 647417  
 Ion Ratio Lower Upper  
 105 100  
 120 43.9 22.4 67.3





#85  
 sec-Butylbenzene  
 Concen: 50.372 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

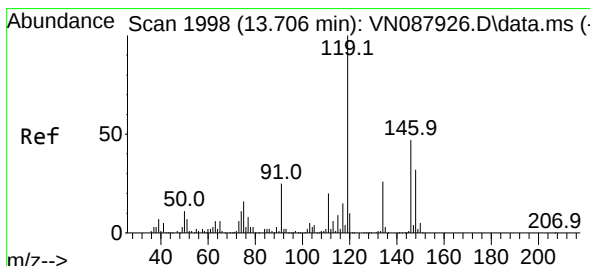
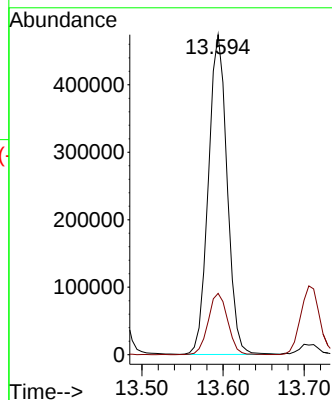
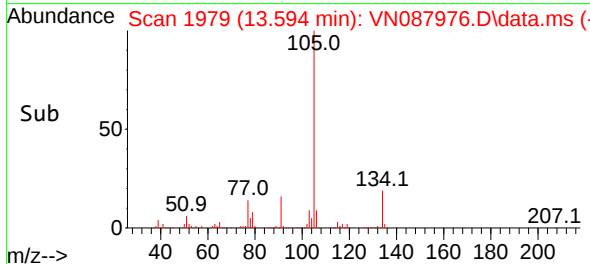
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050



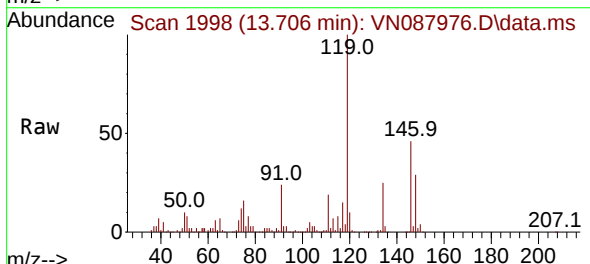
Tgt Ion:105 Resp: 75959  
 Ion Ratio Lower Upper  
 105 100  
 134 20.0 9.6 28.8

Manual Integrations  
 APPROVED

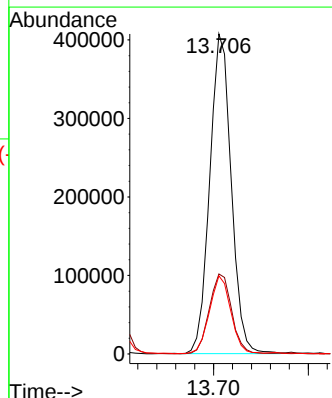
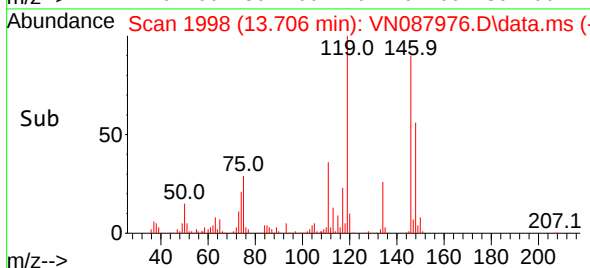
Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025

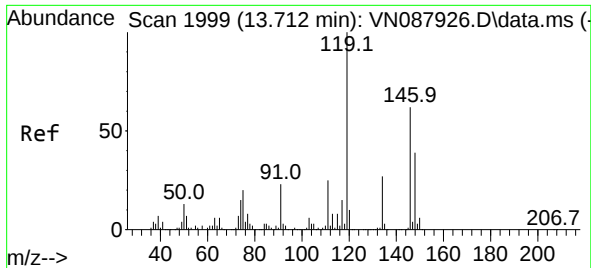


#86  
 p-Isopropyltoluene  
 Concen: 50.175 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35



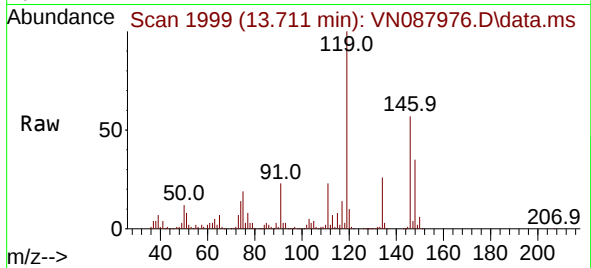
Tgt Ion:119 Resp: 640822  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.1 39.3  
 91 24.2 11.9 35.5





#87  
1,3-Dichlorobenzene  
Concen: 50.735 ug/l  
RT: 13.711 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

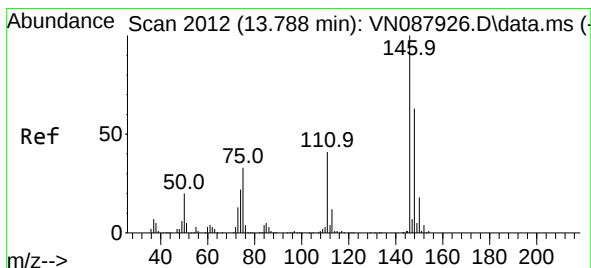
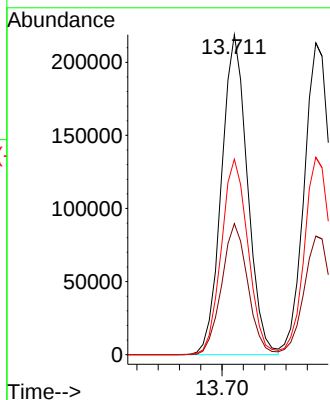
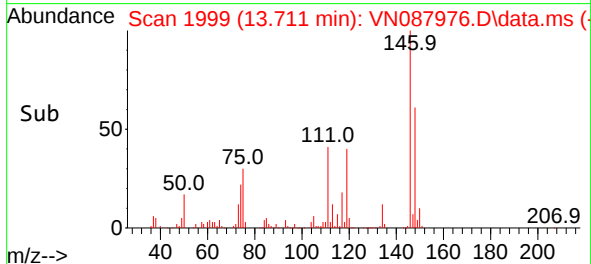
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



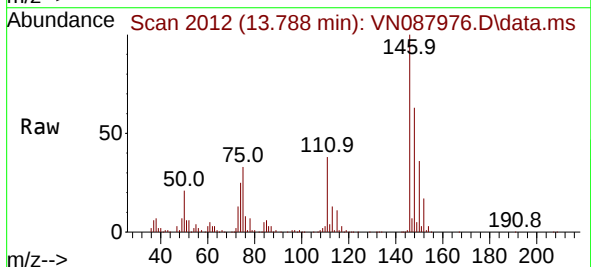
Tgt Ion:146 Resp: 370068  
Ion Ratio Lower Upper  
146 100  
111 41.3 20.3 60.8  
148 62.8 32.4 97.2

Manual Integrations  
APPROVED

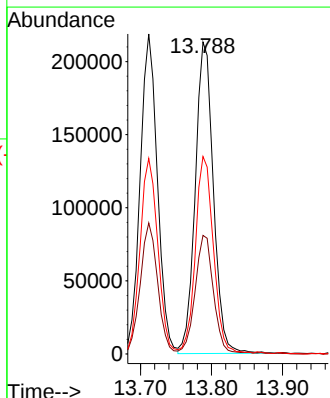
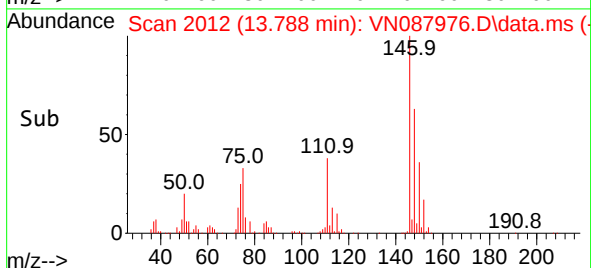
Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025

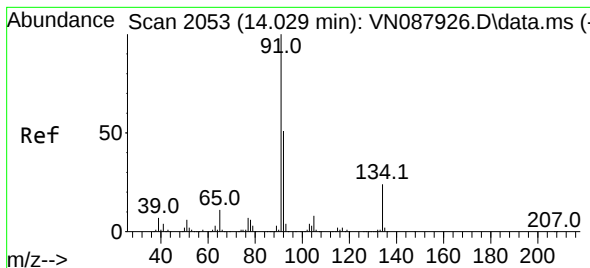


#88  
1,4-Dichlorobenzene  
Concen: 50.442 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion:146 Resp: 378118  
Ion Ratio Lower Upper  
146 100  
111 38.6 20.5 61.5  
148 62.8 32.8 98.4





#89

n-Butylbenzene

Concen: 50.033 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

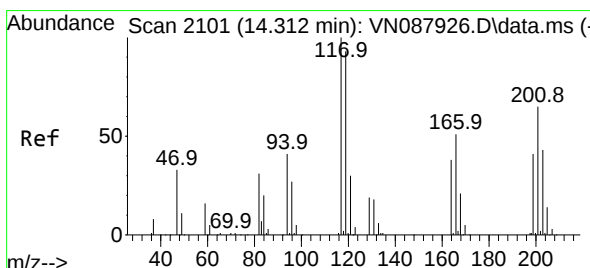
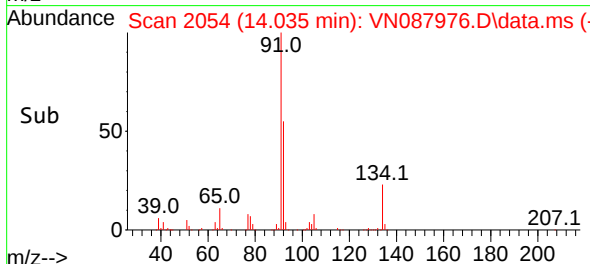
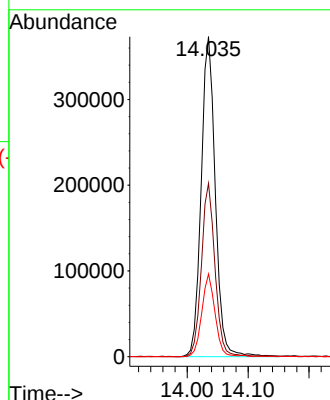
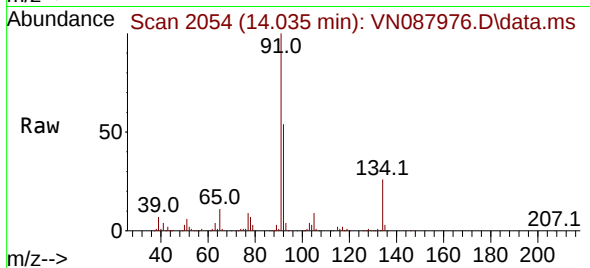
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 60389 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 51.9  | 25.9  | 77.8  |
| 134       | 24.4  | 12.6  | 37.8  |

Manual Integrations

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Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#90

Hexachloroethane

Concen: 48.555 ug/l

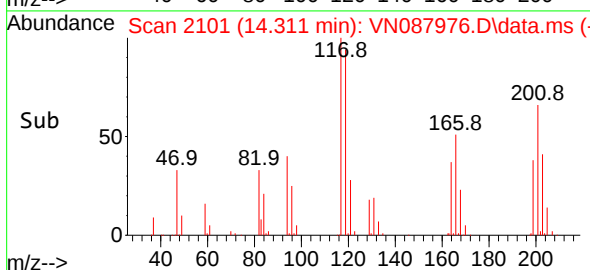
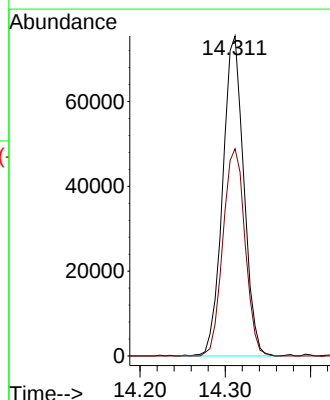
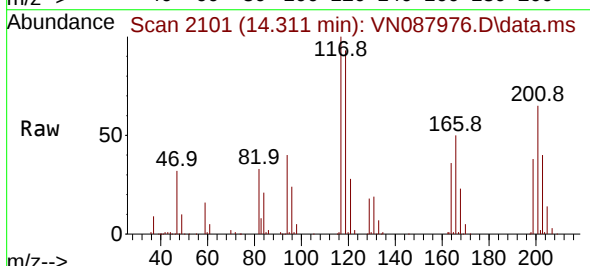
RT: 14.311 min Scan# 2101

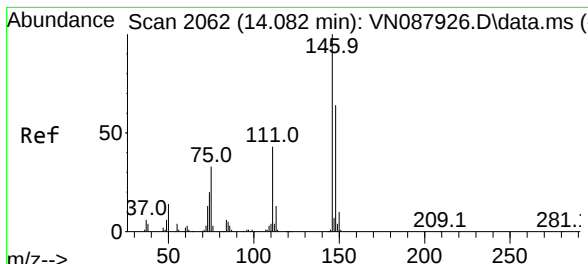
Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 129537 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 67.8  | 33.6  | 100.6  |





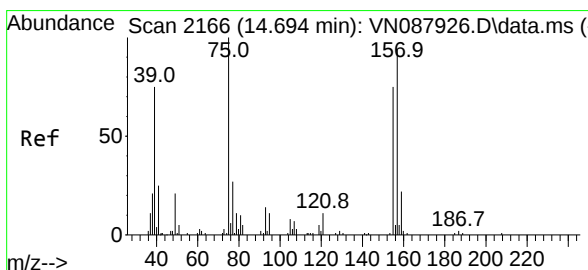
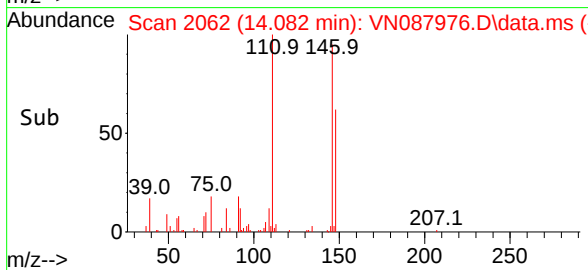
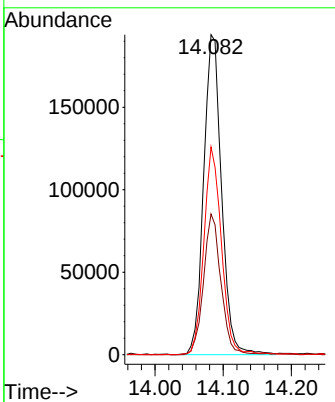
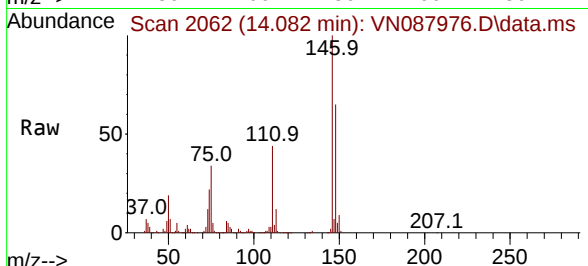
#91  
 1,2-Dichlorobenzene  
 Concen: 50.405 ug/l  
 RT: 14.082 min Scan# 2062  
 Delta R.T. -0.000 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

Instrument : MSVOA\_N  
 ClientSampleId : VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 35438 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.9  | 20.9  | 62.7  |
| 148       | 63.8  | 31.9  | 95.9  |

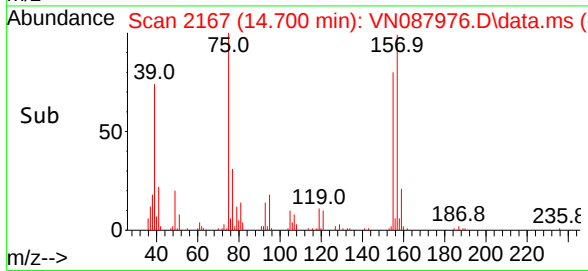
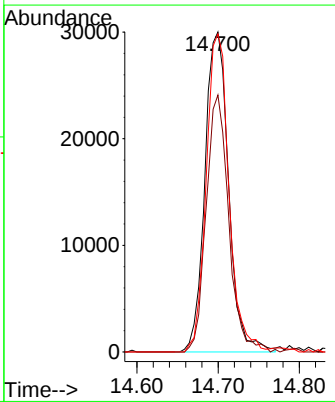
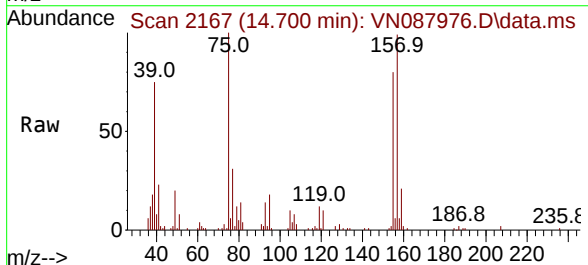
Manual Integrations  
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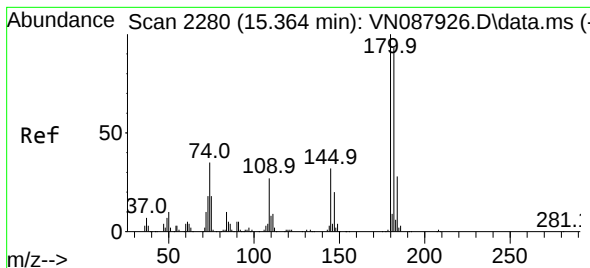
Reviewed By :John Carlone 09/30/2025  
 Supervised By :Mahesh Dadoda 10/03/2025



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.776 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. 0.006 min  
 Lab File: VN087976.D  
 Acq: 29 Sep 2025 12:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 60895 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 76.5  | 40.2  | 120.6 |
| 157       | 95.2  | 50.9  | 152.7 |





#93

1,2,4-Trichlorobenzene

Concen: 49.861 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 206980

Ion Ratio Lower Upper

180 100

182 92.8 48.5 145.5

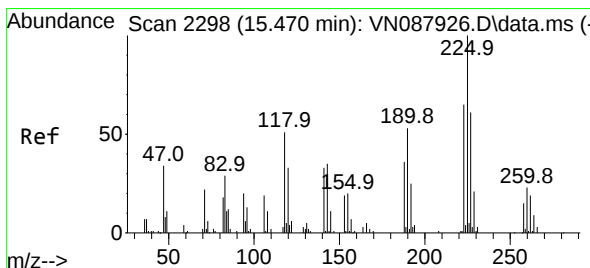
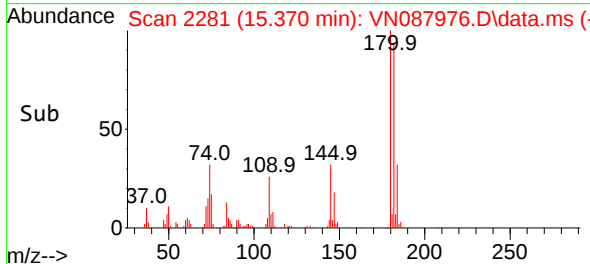
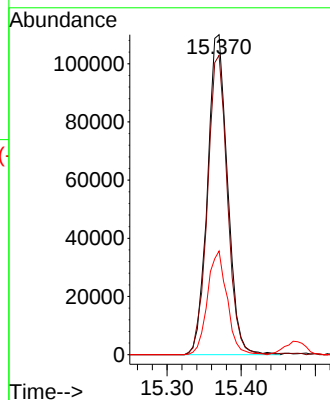
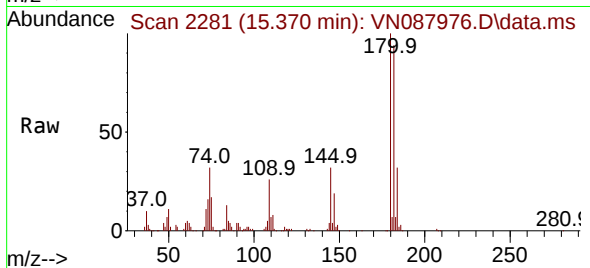
145 31.6 15.9 47.6

Manual Integrations

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Reviewed By :John Carlone 09/30/2025

Supervised By :Mahesh Dadoda 10/03/2025



#94

Hexachlorobutadiene

Concen: 49.547 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VN087976.D

Acq: 29 Sep 2025 12:35

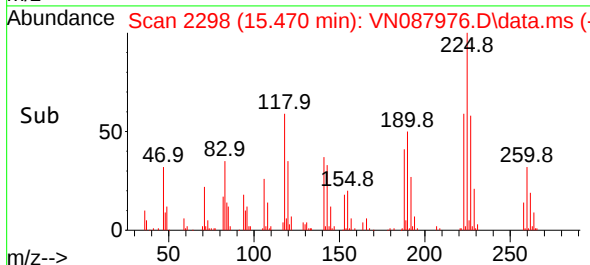
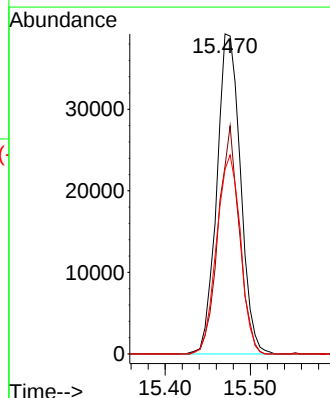
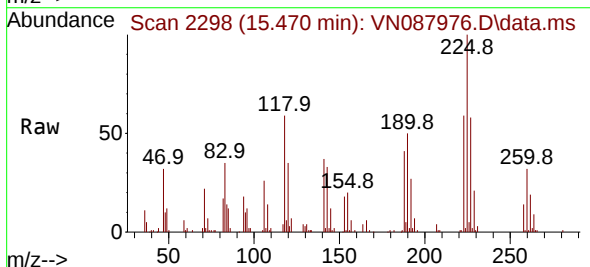
Tgt Ion:225 Resp: 75705

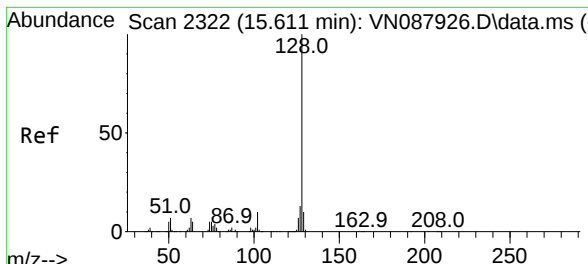
Ion Ratio Lower Upper

225 100

223 63.3 31.8 95.4

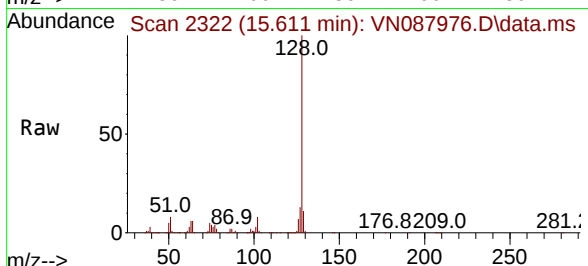
227 62.7 31.9 95.9





#95  
Naphthalene  
Concen: 52.931 ug/l  
RT: 15.611 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35

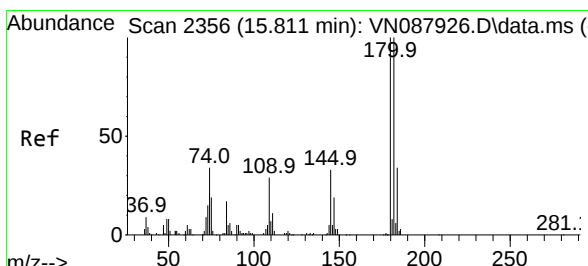
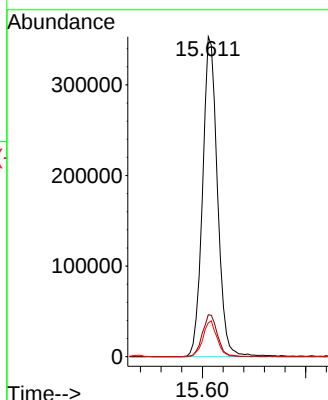
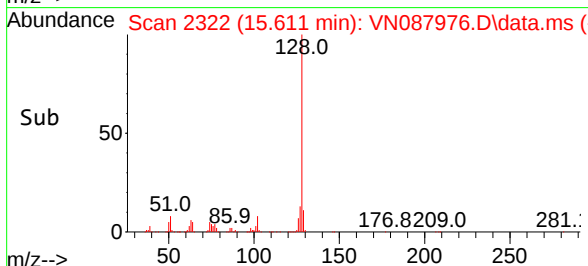
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



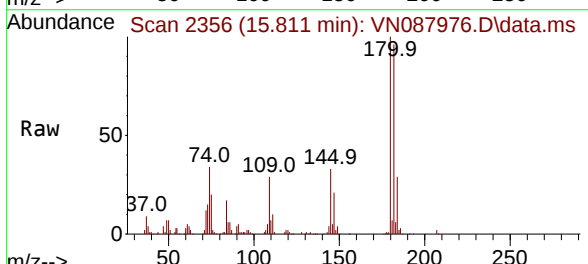
Tgt Ion:128 Resp: 705330  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.2 15.4  
129 10.6 8.6 13.0

Manual Integrations  
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Reviewed By :John Carlone 09/30/2025  
Supervised By :Mahesh Dadoda 10/03/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 49.063 ug/l  
RT: 15.811 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: VN087976.D  
Acq: 29 Sep 2025 12:35



Tgt Ion:180 Resp: 198006  
Ion Ratio Lower Upper  
180 100  
182 96.4 47.3 142.0  
145 33.8 16.1 48.3

