

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111125\  
 Data File : VU063706.D  
 Acq On : 11 Nov 2025 15:19  
 Operator : MD/SY  
 Sample : Q3530-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 12 02:29:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 12 02:25:49 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/12/2025  
 Supervised By : Mahesh Dadoda 11/12/2025

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.341          | 168  | 193986     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.219          | 114  | 321344     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 9.393          | 117  | 301944     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 11.788         | 152  | 156435     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.673          | 65   | 137976     | 48.149   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 96.300%  |        |          |
| 35) Dibromofluoromethane     | 5.258          | 113  | 106244     | 47.205   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 94.400%  |        |          |
| 50) Toluene-d8               | 7.869          | 98   | 369435     | 45.690   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 91.380%# |        |          |
| 62) 4-Bromofluorobenzene     | 10.608         | 95   | 154895     | 46.310   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 92.620%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.374          | 85   | 3214       | 2.743    | ug/l   | 87       |
| 3) Chloromethane             | 1.509          | 50   | 3396       | 2.493    | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.589          | 62   | 3618       | 2.511    | ug/l   | 93       |
| 5) Bromomethane              | 1.837          | 94   | 3770       | 3.726    | ug/l   | 95       |
| 6) Chloroethane              | 1.914          | 64   | 3109       | 2.853    | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 2.117          | 101  | 7147       | 2.592    | ug/l   | 86       |
| 8) Diethyl Ether             | 2.358          | 74   | 3138       | 2.677    | ug/l   | 82       |
| 9) 1,1,2-Trichlorotrifluo... | 2.554          | 101  | 4509       | 2.574    | ug/l   | 95       |
| 10) Methyl Iodide            | 2.699          | 142  | 3627       | 2.077    | ug/l   | 96       |
| 11) Tert butyl alcohol       | 3.158          | 59   | 9310       | 13.925   | ug/l # | 78       |
| 12) 1,1-Dichloroethene       | 2.557          | 96   | 4113       | 2.727    | ug/l   | 99       |
| 13) Acrolein                 | 2.464          | 56   | 939        | 17.566   | ug/l   | 87       |
| 14) Allyl chloride           | 2.901          | 41   | 7371       | 2.620    | ug/l   | 93       |
| 15) Acrylonitrile            | 3.300          | 53   | 14697      | 10.734   | ug/l   | 95       |
| 16) Acetone                  | 2.605          | 43   | 28809      | 15.370   | ug/l   | 100      |
| 17) Carbon Disulfide         | 2.769          | 76   | 5948       | 2.680    | ug/l # | 94       |
| 18) Methyl Acetate           | 2.936          | 43   | 6329       | 1.423    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.335          | 73   | 16678      | 2.450    | ug/l   | 96       |
| 20) Methylene Chloride       | 3.017          | 84   | 9179       | 4.296    | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.329          | 96   | 4188       | 2.704    | ug/l   | 87       |
| 22) Diisopropyl ether        | 3.959          | 45   | 15366      | 2.480    | ug/l # | 9        |
| 23) Vinyl Acetate            | 3.943          | 43   | 48094      | 11.382   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.840          | 63   | 8373       | 2.343    | ug/l   | 99       |
| 25) 2-Butanone               | 4.695          | 43   | 22864      | 11.588   | ug/l   | 95       |
| 26) 2,2-Dichloropropane      | 4.631          | 77   | 7062       | 2.301    | ug/l # | 76       |
| 27) cis-1,2-Dichloroethene   | 4.644          | 96   | 5546       | 2.451    | ug/l   | 94       |
| 28) Bromochloromethane       | 4.946          | 49   | 2980       | 2.084    | ug/l # | 91       |
| 29) Tetrahydrofuran          | 5.030          | 42   | 12082      | 10.523   | ug/l   | 95       |
| 30) Chloroform               | 5.055          | 83   | 10144      | 2.591    | ug/l   | 99       |
| 31) Cyclohexane              | 5.351          | 56   | 11100      | 4.399    | ug/l # | 76       |
| 32) 1,1,1-Trichloroethane    | 5.287          | 97   | 7646       | 2.380    | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.502          | 75   | 6265       | 2.735    | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.795          | 43   | 10596m     | 3.267    | ug/l   |          |
| 38) Carbon Tetrachloride     | 5.493          | 117  | 6049       | 2.443    | ug/l   | 91       |
| 39) Methylcyclohexane        | 6.731          | 83   | 6721       | 2.584    | ug/l   | 89       |
| 40) Benzene                  | 5.747          | 78   | 18539      | 2.508    | ug/l   | 99       |

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 Sample : Q3530-07  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025

Quant Time: Nov 12 02:29:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 12 02:25:49 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/12/2025  
 Supervised By : Mahesh Dadoda 11/12/2025

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.968  | 41   | 2513     | 1.491  | ug/l # | 64       |
| 42) 1,2-Dichloroethane        | 5.772  | 62   | 7089     | 2.431  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 5.895  | 43   | 9635     | 2.027  | ug/l   | 95       |
| 44) Trichloroethene           | 6.521  | 130  | 5136     | 2.476  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 6.763  | 63   | 5162     | 2.569  | ug/l   | 100      |
| 46) Dibromomethane            | 6.894  | 93   | 3936     | 2.609  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.078  | 83   | 6604     | 2.159  | ug/l   | 98       |
| 48) Methyl methacrylate       | 6.949  | 41   | 4677     | 2.004  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 6.952  | 88   | 2906     | 47.002 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 7.766  | 43   | 39600    | 10.885 | ug/l   | 100      |
| 52) Toluene                   | 7.946  | 92   | 12514    | 2.608  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.190  | 75   | 5544     | 2.152  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 7.583  | 75   | 6454     | 2.235  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 8.377  | 97   | 5350     | 2.430  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 8.319  | 69   | 7265     | 2.236  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 8.550  | 76   | 8824     | 2.457  | ug/l   | 99       |
| 59) 2-Hexanone                | 8.666  | 43   | 31578    | 11.653 | ug/l   | 96       |
| 60) Dibromochloromethane      | 8.782  | 129  | 4954     | 2.148  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 8.901  | 107  | 5341     | 2.518  | ug/l   | 95       |
| 64) Tetrachloroethene         | 8.528  | 164  | 5009     | 2.571  | ug/l   | 91       |
| 65) Chlorobenzene             | 9.422  | 112  | 15755    | 2.670  | ug/l # | 86       |
| 66) 1,1,1,2-Tetrachloroethane | 9.509  | 131  | 4697     | 2.341  | ug/l   | 96       |
| 67) Ethyl Benzene             | 9.547  | 91   | 24834    | 2.527  | ug/l   | 99       |
| 68) m/p-Xylenes               | 9.672  | 106  | 18252    | 5.032  | ug/l   | 96       |
| 69) o-Xylene                  | 10.074 | 106  | 9011     | 2.407  | ug/l   | 98       |
| 70) Styrene                   | 10.097 | 104  | 14160    | 2.355  | ug/l   | 98       |
| 71) Bromoform                 | 10.264 | 173  | 3308     | 2.047  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.460 | 105  | 24411    | 2.484  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.306 | 43   | 6459     | 1.886  | ug/l # | 83       |
| 75) 1,1,2,2-Tetrachloroethane | 10.756 | 83   | 8785     | 2.328  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 10.798 | 75   | 8760     | 2.222  | ug/l # | 100      |
| 77) Bromobenzene              | 10.762 | 156  | 6469     | 2.616  | ug/l   | 96       |
| 78) n-propylbenzene           | 10.885 | 91   | 27158    | 2.409  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 10.962 | 91   | 18307    | 2.512  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 11.065 | 105  | 19640    | 2.383  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 10.521 | 75   | 1012m    | 1.368  | ug/l   |          |
| 82) 4-Chlorotoluene           | 11.078 | 91   | 20957    | 2.531  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.393 | 119  | 21442    | 2.498  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.444 | 105  | 19304    | 2.387  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 11.618 | 105  | 25718    | 2.372  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 11.769 | 119  | 19806    | 2.275  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 11.724 | 146  | 11562    | 2.489  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 11.811 | 146  | 13377    | 2.752  | ug/l   | 88       |
| 89) n-Butylbenzene            | 12.187 | 91   | 18544    | 2.320  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.447 | 117  | 2499     | 1.882  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.190 | 146  | 11557    | 2.492  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.978 | 75   | 1432     | 1.852  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.820 | 180  | 6727     | 2.275  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.994 | 225  | 3309     | 2.221  | ug/l   | 98       |
| 95) Naphthalene               | 14.068 | 128  | 17110    | 2.136  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 14.306 | 180  | 6594     | 2.398  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111125\  
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Acq On : 11 Nov 2025 15:19  
Operator : MD/SY  
Sample : Q3530-07  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

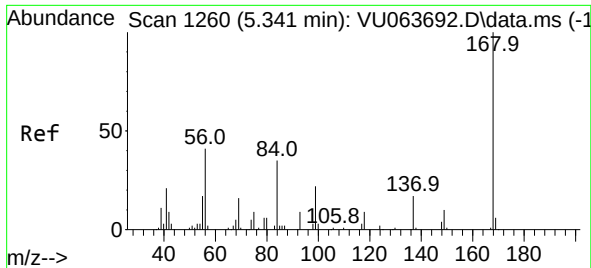
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 02:29:28 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U111025W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 12 02:25:49 2025  
Response via : Initial Calibration

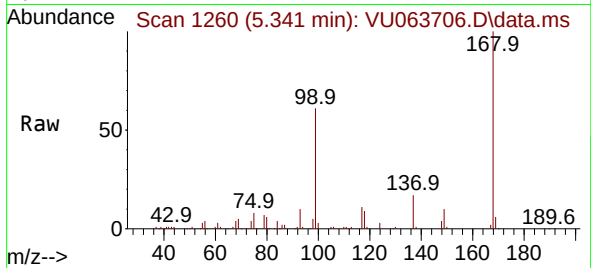
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.341 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

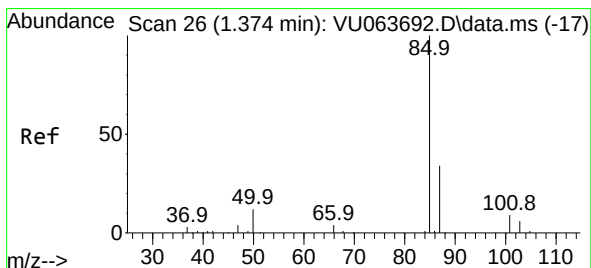
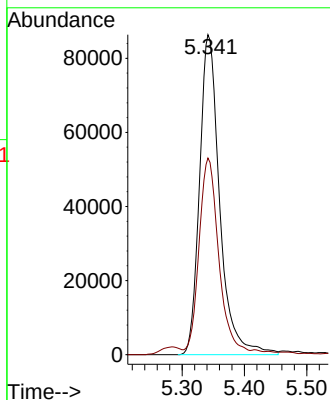
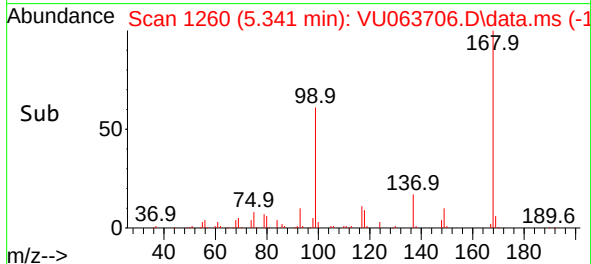
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:168 Resp: 193980  
Ion Ratio Lower Upper  
168 100  
99 60.7 48.2 72.4

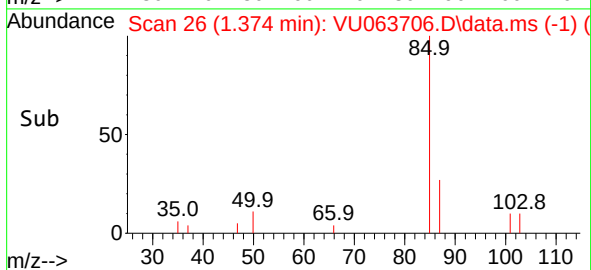
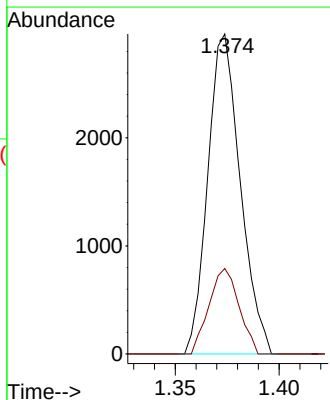
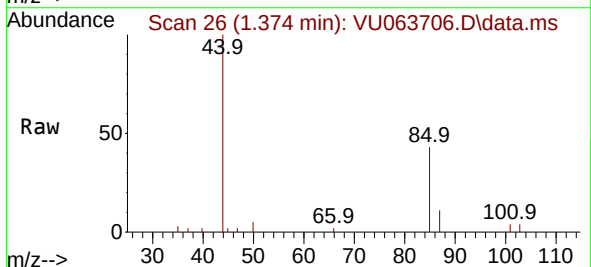
Manual Integrations  
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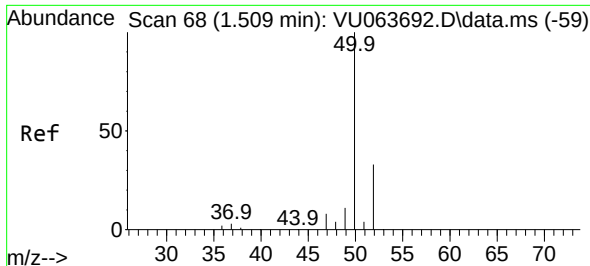
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#2  
Dichlorodifluoromethane  
Concen: 2.743 ug/l  
RT: 1.374 min Scan# 26  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

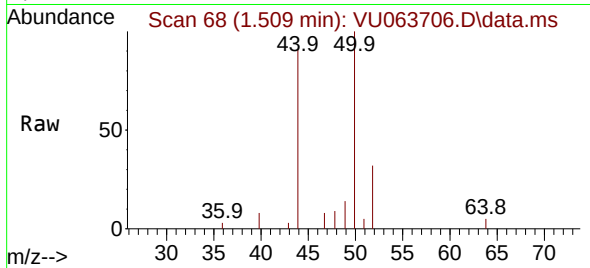
Tgt Ion: 85 Resp: 3214  
Ion Ratio Lower Upper  
85 100  
87 26.7 17.0 51.0





#3  
Chloromethane  
Concen: 2.493 ug/l  
RT: 1.509 min Scan# 68  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

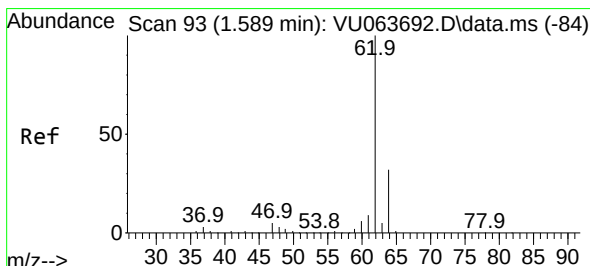
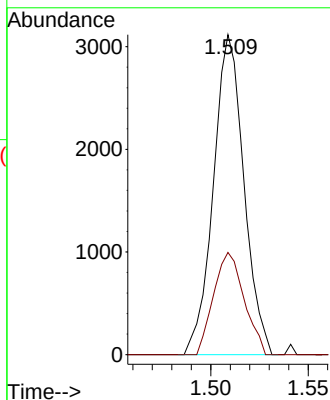
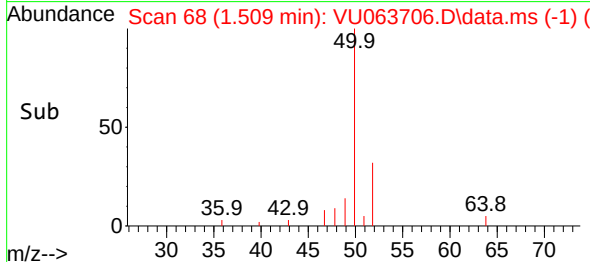
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 50 Resp: 3390  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.3 39.5

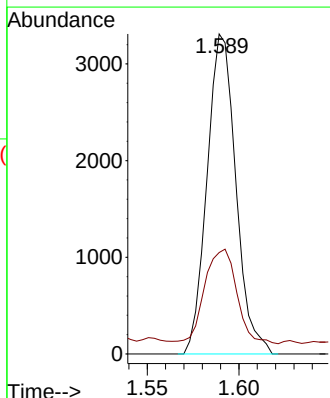
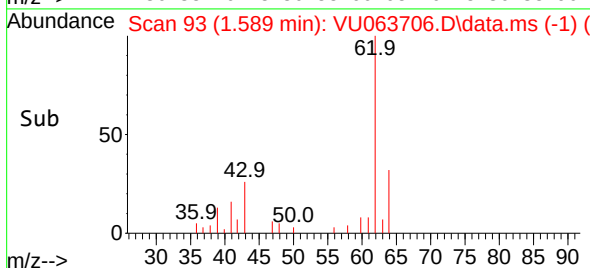
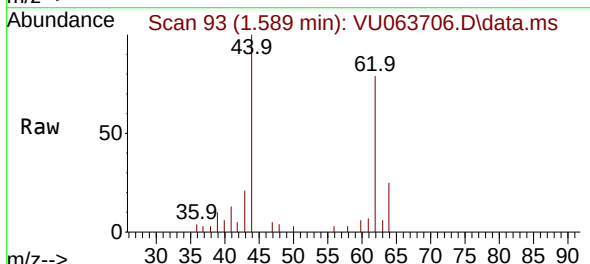
Manual Integrations  
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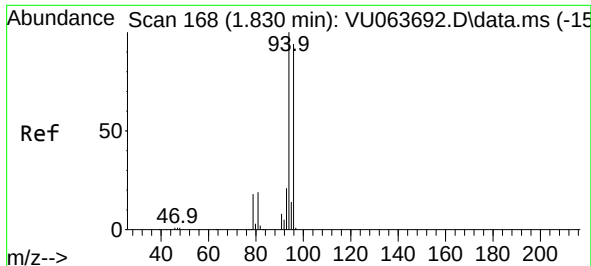
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#4  
Vinyl Chloride  
Concen: 2.511 ug/l  
RT: 1.589 min Scan# 93  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

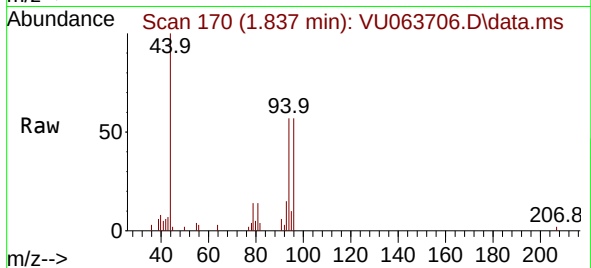
Tgt Ion: 62 Resp: 3618  
Ion Ratio Lower Upper  
62 100  
64 28.5 25.9 38.9





#5  
Bromomethane  
Concen: 3.726 ug/l  
RT: 1.837 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

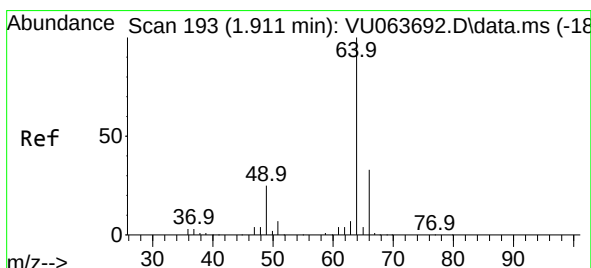
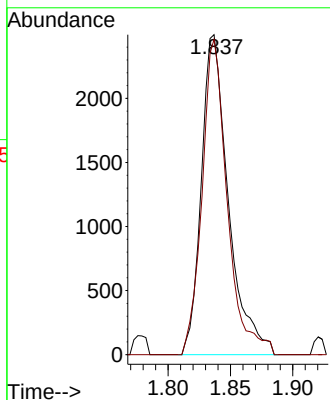
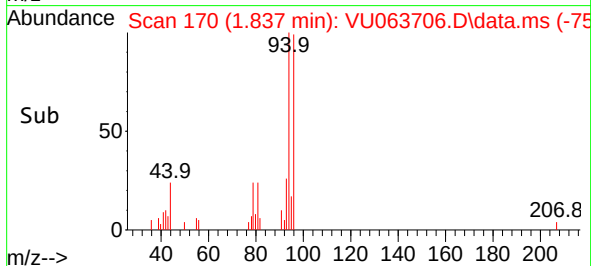
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 94 Resp: 3770  
Ion Ratio Lower Upper  
94 100  
96 98.5 74.8 112.2

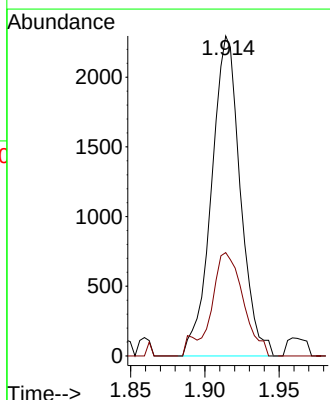
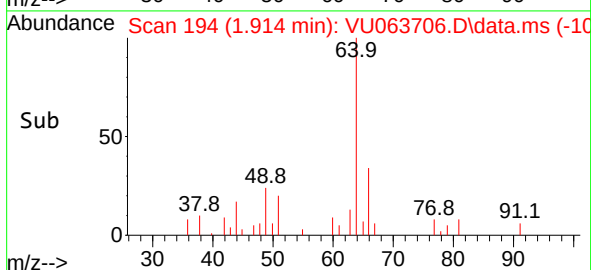
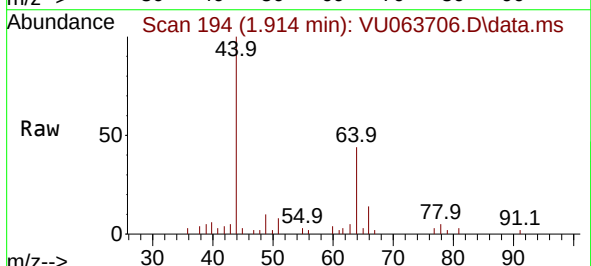
Manual Integrations  
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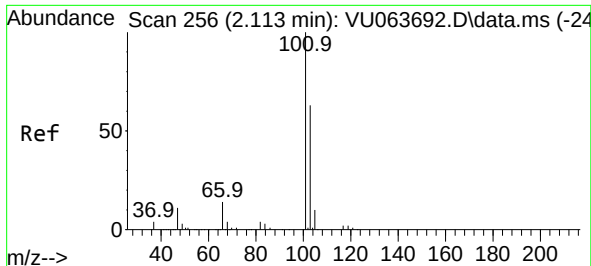
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#6  
Chloroethane  
Concen: 2.853 ug/l  
RT: 1.914 min Scan# 194  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

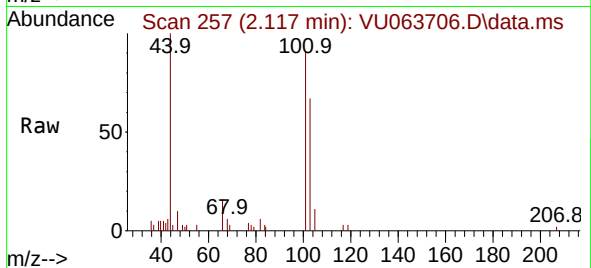
Tgt Ion: 64 Resp: 3109  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.4 39.6





#7  
 Trichlorofluoromethane  
 Concen: 2.592 ug/l  
 RT: 2.117 min Scan# 211  
 Delta R.T. 0.004 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

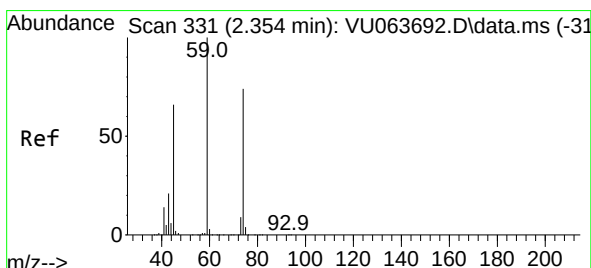
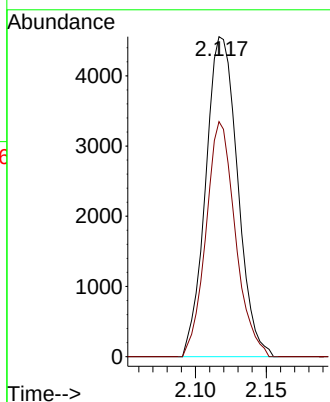
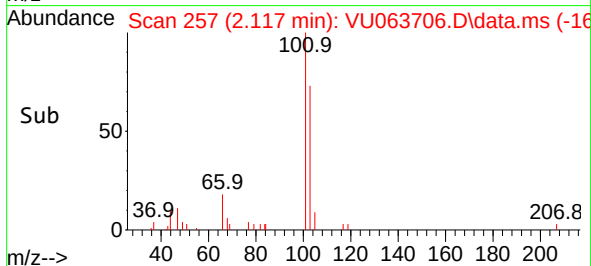
Instrument : MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion:101 Resp: 714  
 Ion Ratio Lower Upper  
 101 100  
 103 73.5 50.3 75.5

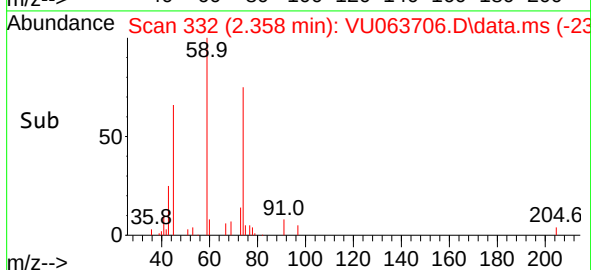
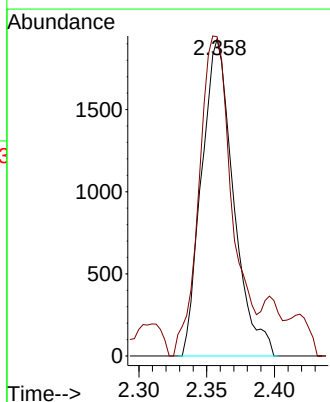
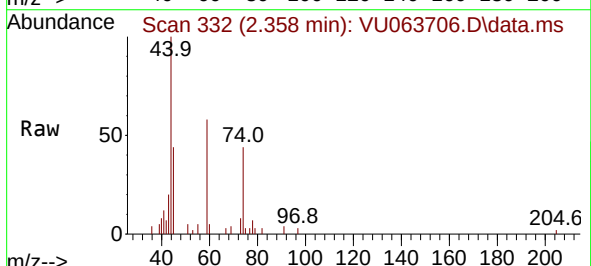
Manual Integrations  
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Reviewed By :John Carlone 11/12/2025  
 Supervised By :Mahesh Dadoda 11/12/2025

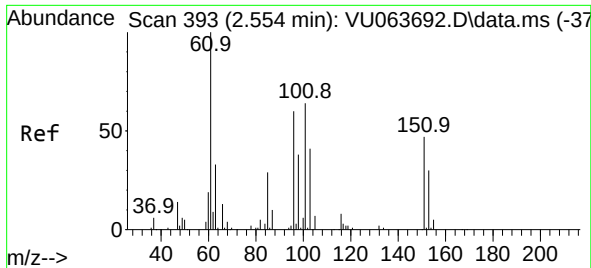


#8  
 Diethyl Ether  
 Concen: 2.677 ug/l  
 RT: 2.358 min Scan# 332  
 Delta R.T. 0.004 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

Tgt Ion: 74 Resp: 3138  
 Ion Ratio Lower Upper  
 74 100  
 45 104.7 44.1 132.4







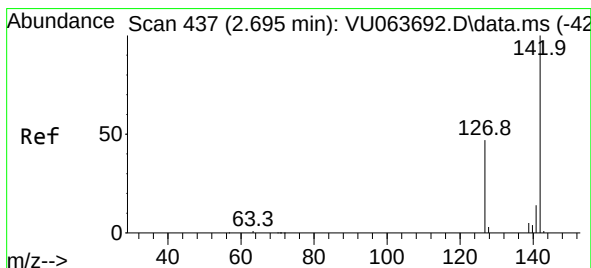
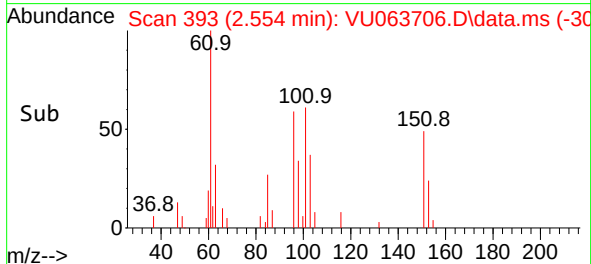
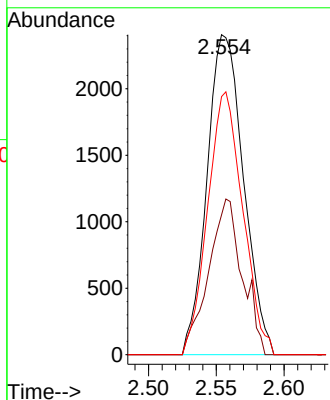
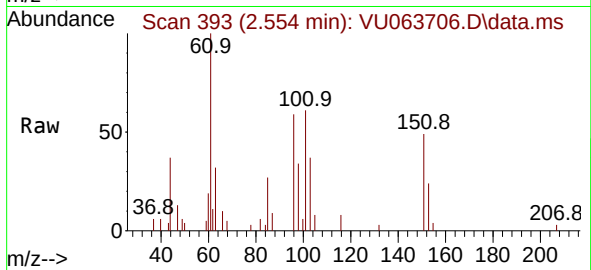
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.574 ug/l  
RT: 2.554 min Scan# 393  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:101 Resp: 4509  
Ion Ratio Lower Upper  
101 100  
85 44.9 36.2 54.4  
151 79.0 58.5 87.7

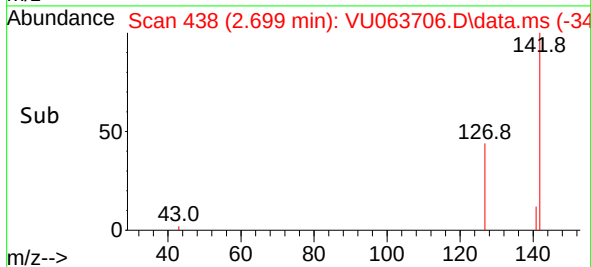
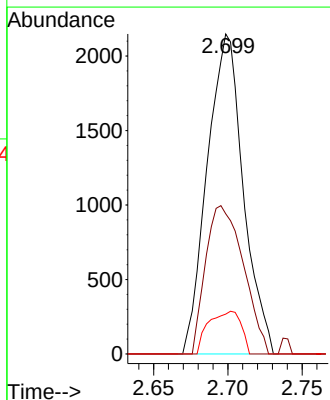
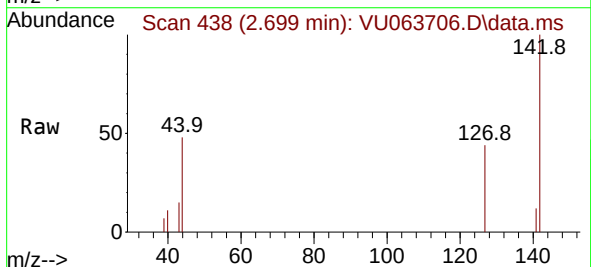
Manual Integrations  
APPROVED

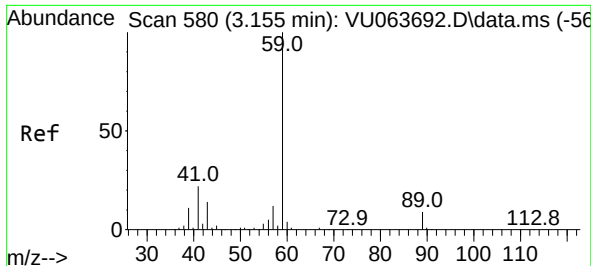
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#10  
Methyl Iodide  
Concen: 2.077 ug/l  
RT: 2.699 min Scan# 438  
Delta R.T. 0.004 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:142 Resp: 3627  
Ion Ratio Lower Upper  
142 100  
127 48.5 37.2 55.8  
141 12.0 11.4 17.0





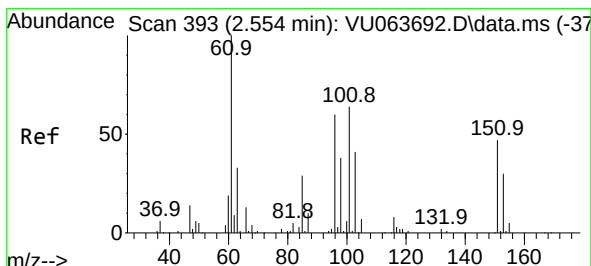
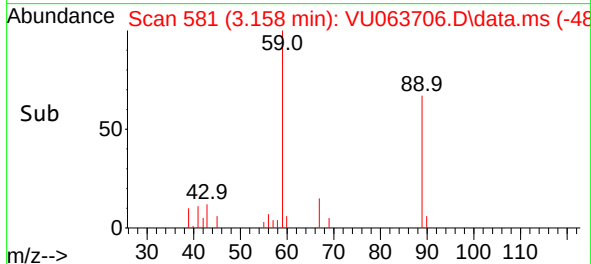
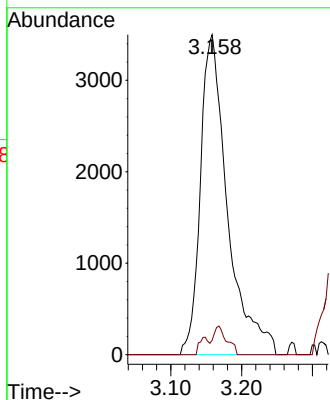
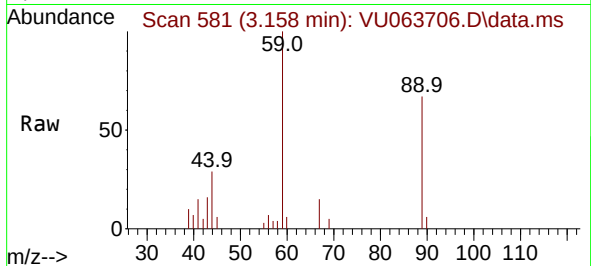
#11  
Tert butyl alcohol  
Concen: 13.925 ug/l  
RT: 3.158 min Scan# 580  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 59 Resp: 9310  
Ion Ratio Lower Upper  
59 100  
57 1.9 8.2 12.2

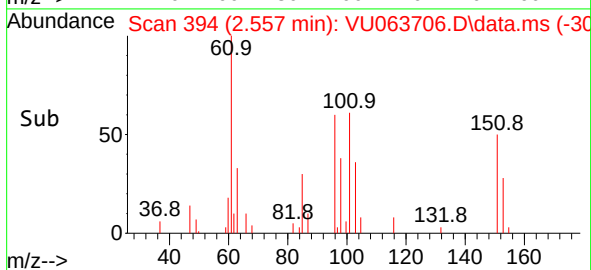
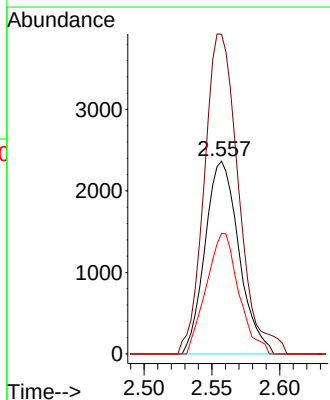
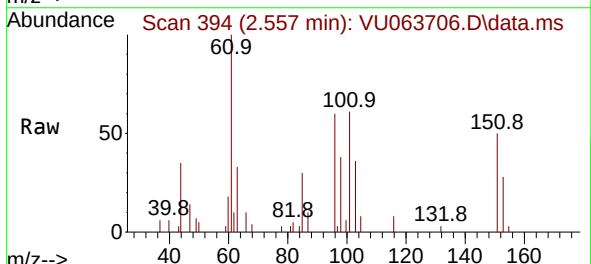
Manual Integrations  
APPROVED

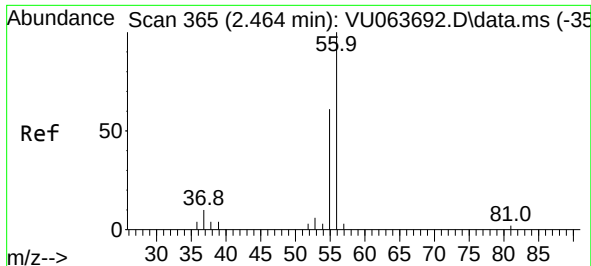
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#12  
1,1-Dichloroethene  
Concen: 2.727 ug/l  
RT: 2.557 min Scan# 394  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

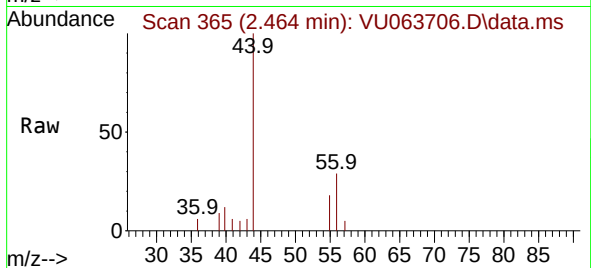
Tgt Ion: 96 Resp: 4113  
Ion Ratio Lower Upper  
96 100  
61 165.9 133.1 199.7  
98 62.5 50.7 76.1





#13  
Acrolein  
Concen: 17.566 ug/l  
RT: 2.464 min Scan# 301  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

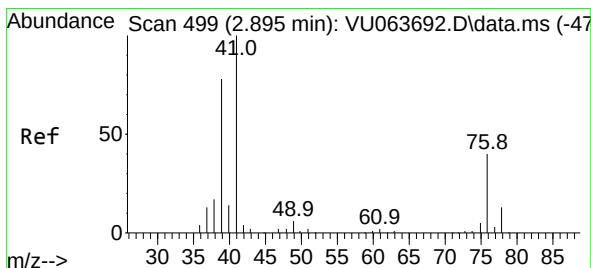
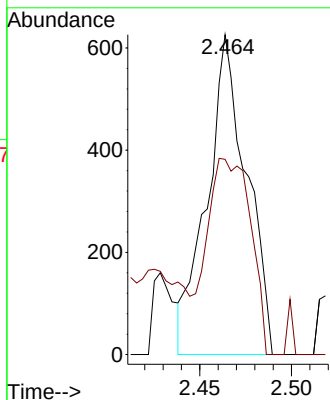
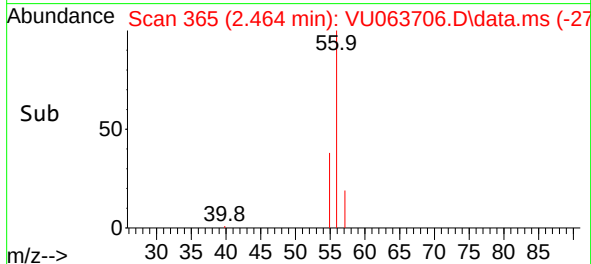
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 56 Resp: 939  
Ion Ratio Lower Upper  
56 100  
55 68.4 47.1 70.7

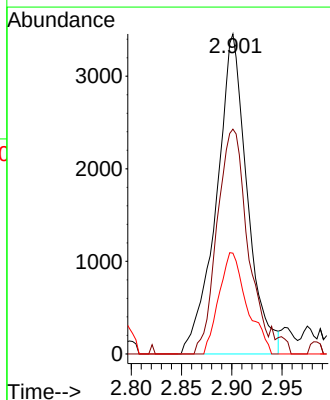
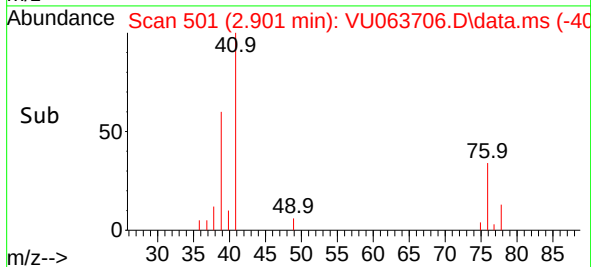
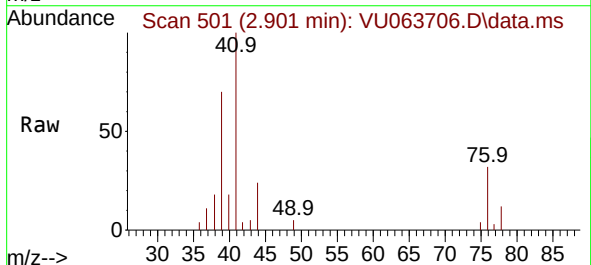
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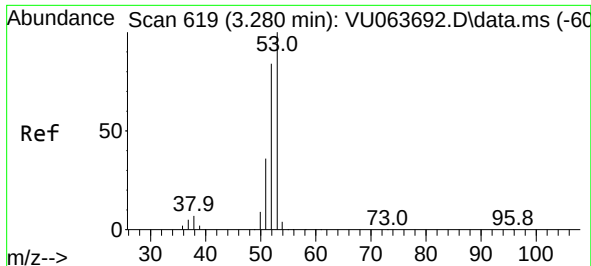
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#14  
Allyl chloride  
Concen: 2.620 ug/l  
RT: 2.901 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 41 Resp: 7371  
Ion Ratio Lower Upper  
41 100  
39 71.7 53.1 79.7  
76 28.6 26.4 39.6





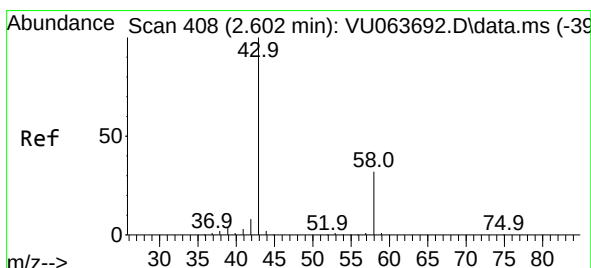
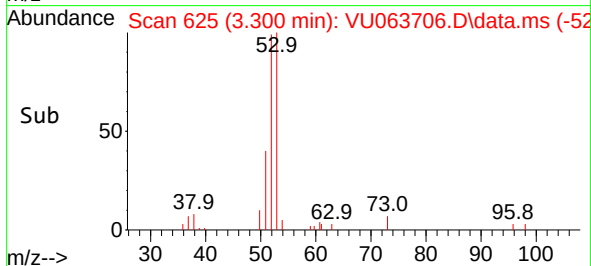
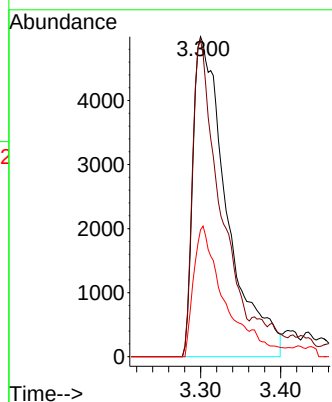
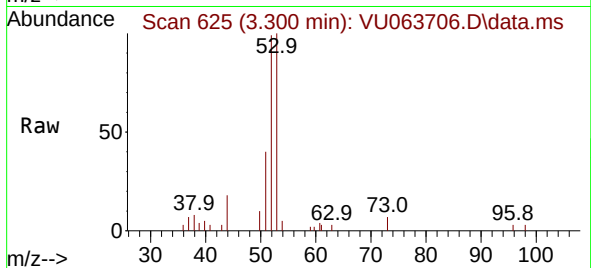
#15  
Acrylonitrile  
Concen: 10.734 ug/l  
RT: 3.300 min Scan# 619  
Delta R.T. 0.020 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 53 Resp: 1469  
Ion Ratio Lower Upper  
53 100  
52 79.4 67.5 101.3  
51 38.2 29.0 43.6

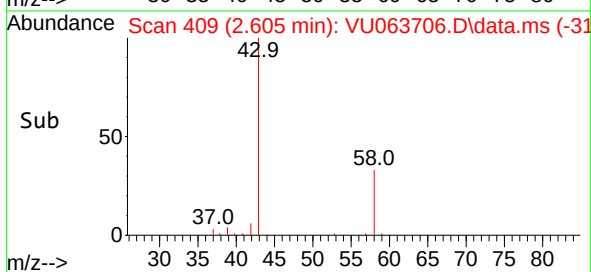
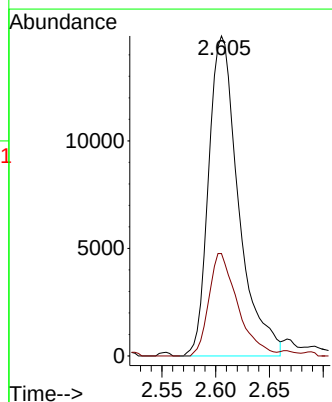
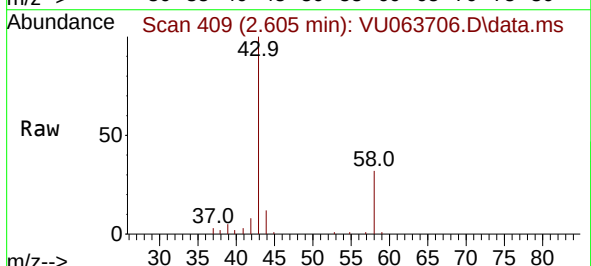
Manual Integrations  
APPROVED

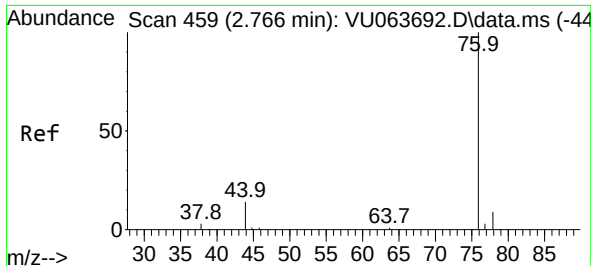
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#16  
Acetone  
Concen: 15.370 ug/l  
RT: 2.605 min Scan# 409  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 43 Resp: 28809  
Ion Ratio Lower Upper  
43 100  
58 32.0 25.4 38.2





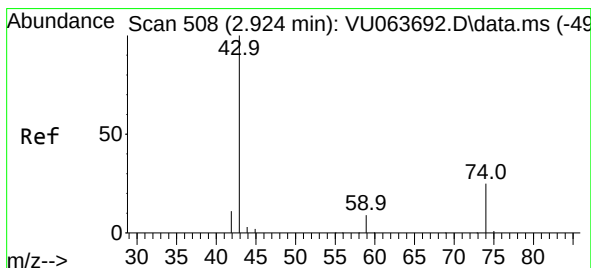
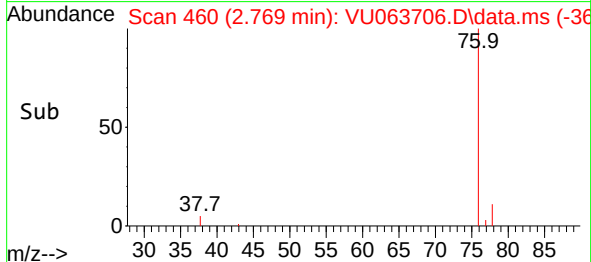
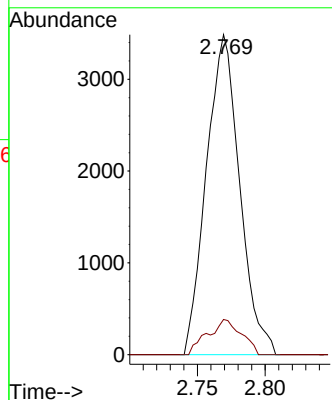
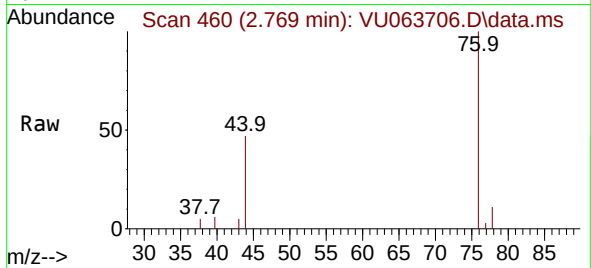
#17  
Carbon Disulfide  
Concen: 2.680 ug/l  
RT: 2.769 min Scan# 459  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 76 Resp: 5948  
Ion Ratio Lower Upper  
76 100  
78 11.0 7.0 10.6

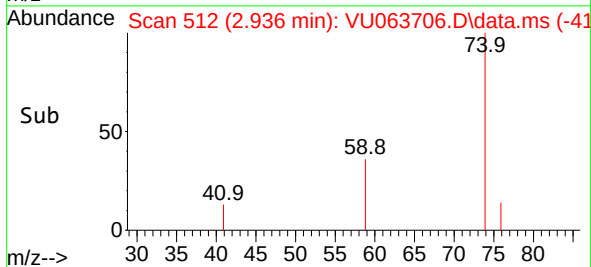
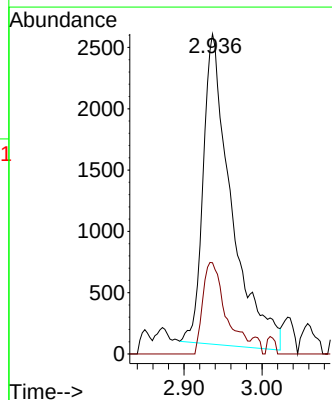
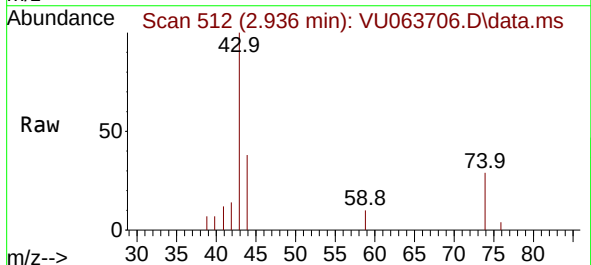
Manual Integrations  
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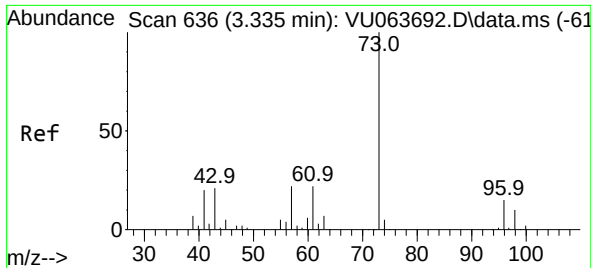
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#18  
Methyl Acetate  
Concen: 1.423 ug/l  
RT: 2.936 min Scan# 512  
Delta R.T. 0.012 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 43 Resp: 6329  
Ion Ratio Lower Upper  
43 100  
74 24.4 20.6 31.0





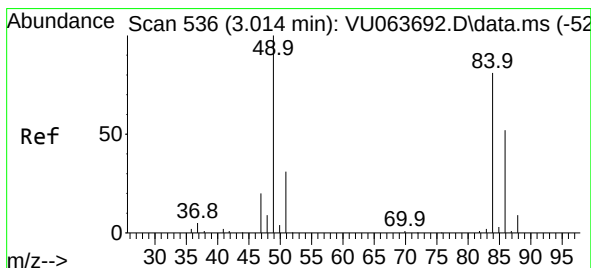
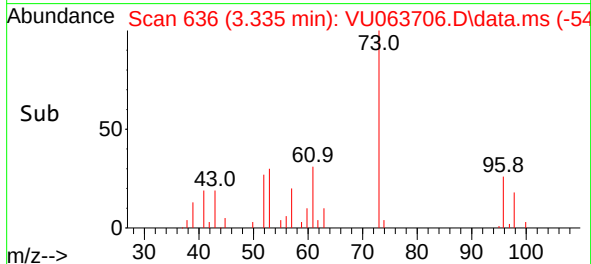
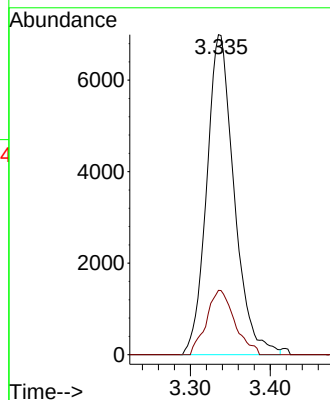
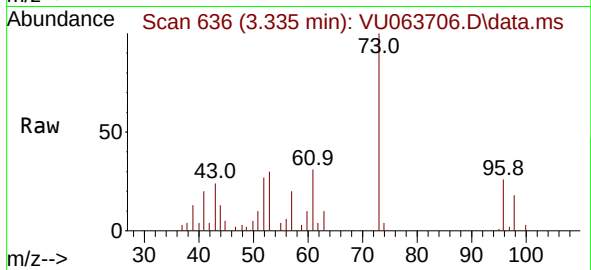
#19  
Methyl tert-butyl Ether  
Concen: 2.450 ug/l  
RT: 3.335 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 73 Resp: 16678  
Ion Ratio Lower Upper  
73 100  
57 20.1 17.4 26.2

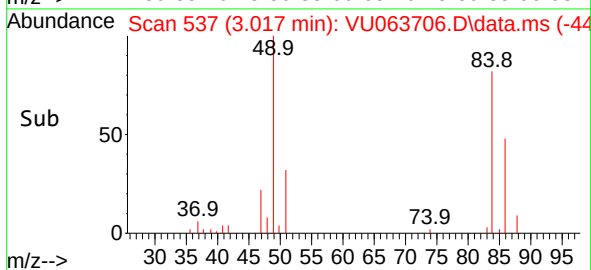
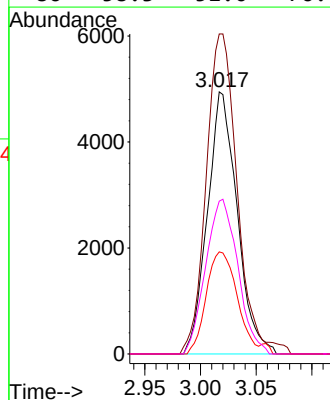
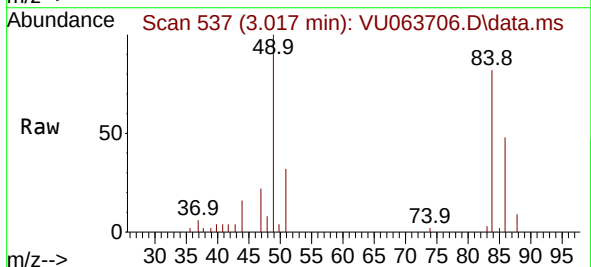
Manual Integrations  
APPROVED

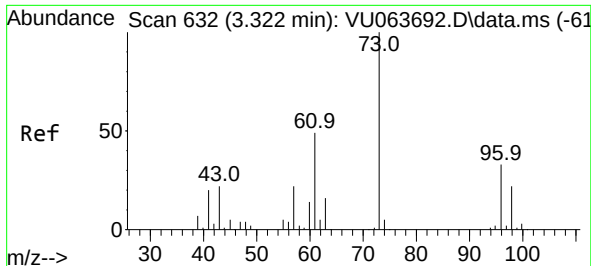
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#20  
Methylene Chloride  
Concen: 4.296 ug/l  
RT: 3.017 min Scan# 537  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

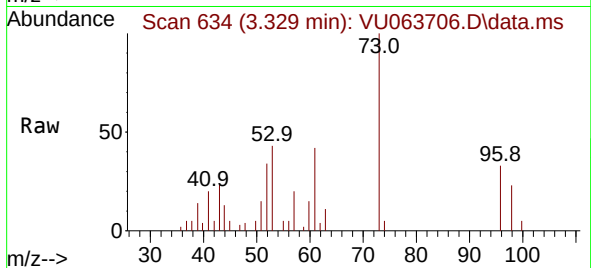
Tgt Ion: 84 Resp: 9179  
Ion Ratio Lower Upper  
84 100  
49 122.1 98.4 147.6  
51 39.0 30.1 45.1  
86 58.3 51.0 76.6





#21  
trans-1,2-Dichloroethene  
Concen: 2.704 ug/l  
RT: 3.329 min Scan# 611  
Delta R.T. 0.007 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

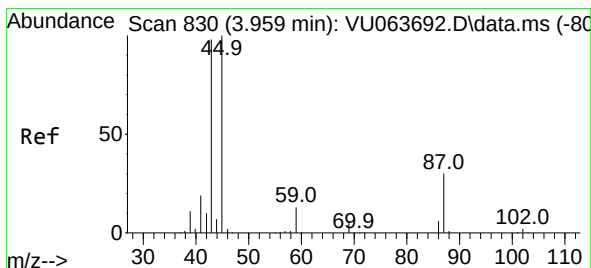
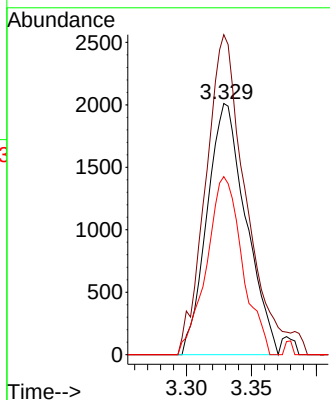
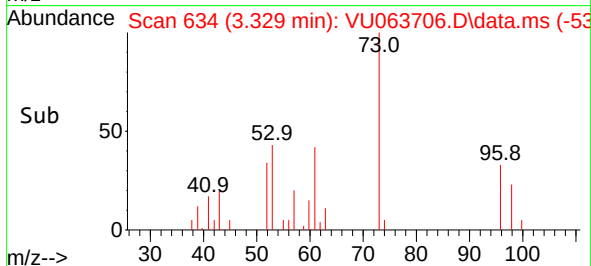
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 96 Resp: 4188  
Ion Ratio Lower Upper  
96 100  
61 127.4 117.5 176.3  
98 70.9 52.7 79.1

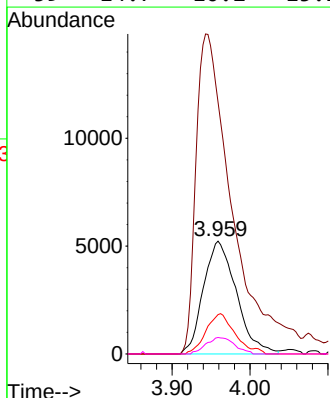
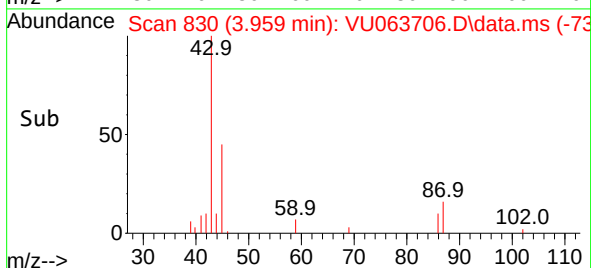
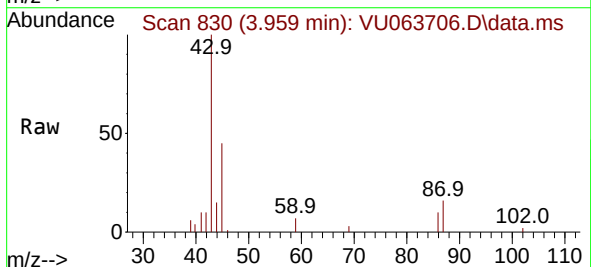
Manual Integrations  
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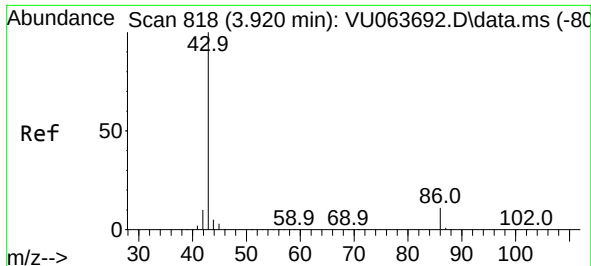
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#22  
Diisopropyl ether  
Concen: 2.480 ug/l  
RT: 3.959 min Scan# 830  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 45 Resp: 15366  
Ion Ratio Lower Upper  
45 100  
43 223.3 78.1 117.1#  
87 34.9 23.8 35.8  
59 14.7 10.2 15.2





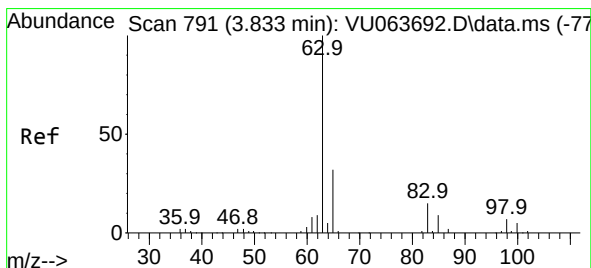
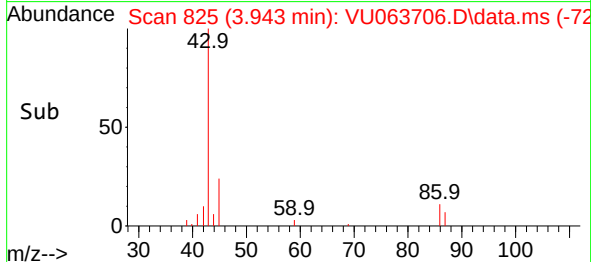
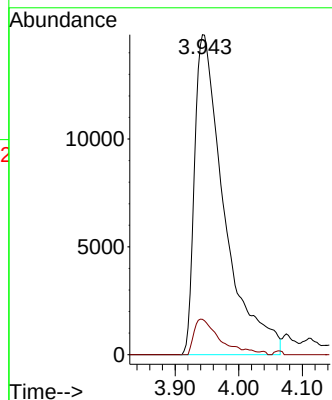
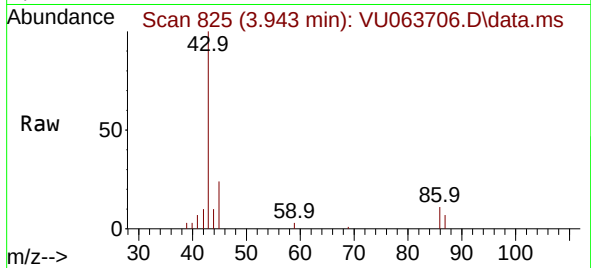
#23  
 Vinyl Acetate  
 Concen: 11.382 ug/l  
 RT: 3.943 min Scan# 818  
 Delta R.T. 0.023 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 48094  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 8.7 13.1

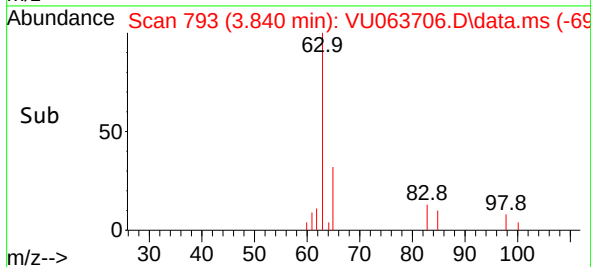
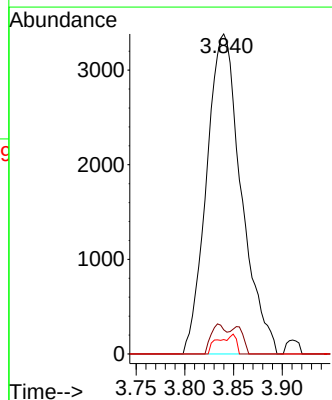
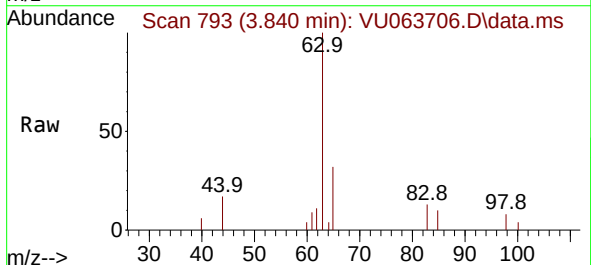
Manual Integrations  
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Reviewed By :John Carlone 11/12/2025  
 Supervised By :Mahesh Dadoda 11/12/2025

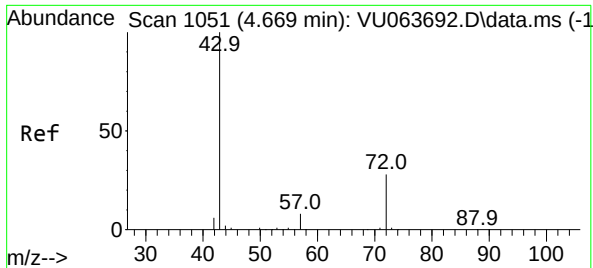


#24  
 1,1-Dichloroethane  
 Concen: 2.343 ug/l  
 RT: 3.840 min Scan# 793  
 Delta R.T. 0.007 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

Tgt Ion: 63 Resp: 8373  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.7 11.1  
 100 4.5 2.5 7.5







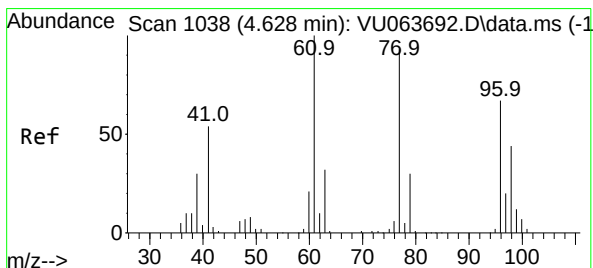
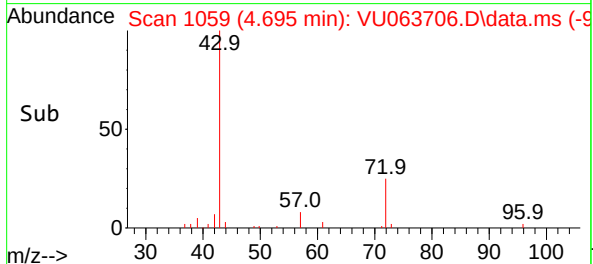
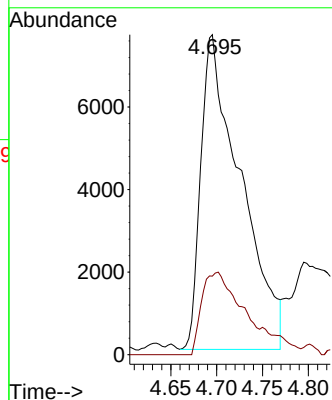
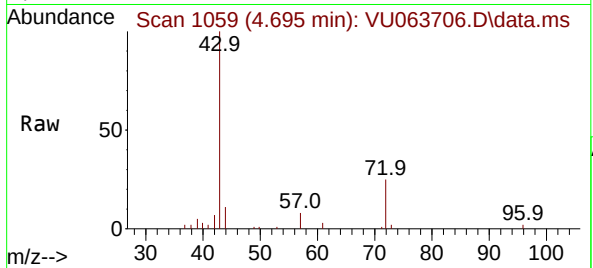
#25  
2-Butanone  
Concen: 11.588 ug/l  
RT: 4.695 min Scan# 1059  
Delta R.T. 0.026 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 22864  
Ion Ratio Lower Upper  
43 100  
72 25.0 22.0 33.0

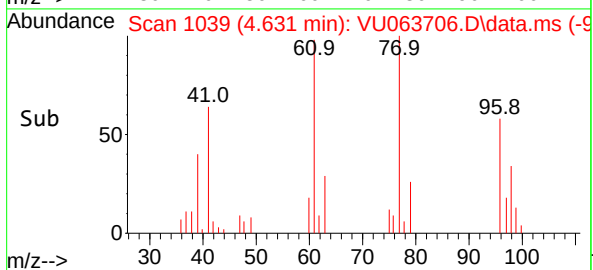
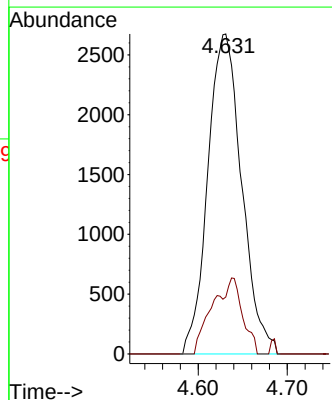
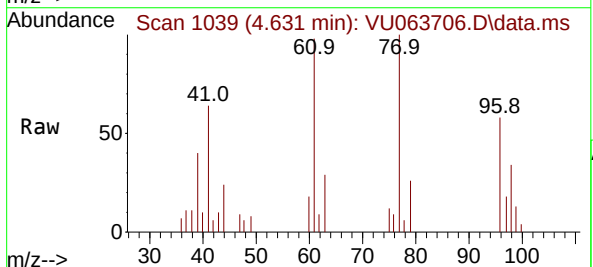
Manual Integrations  
APPROVED

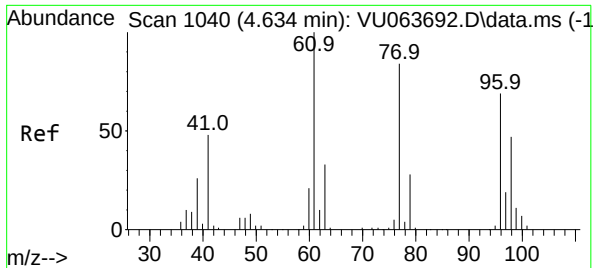
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#26  
2,2-Dichloropropane  
Concen: 2.301 ug/l  
RT: 4.631 min Scan# 1039  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

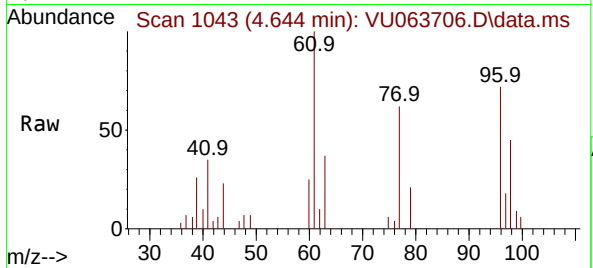
Tgt Ion: 77 Resp: 7062  
Ion Ratio Lower Upper  
77 100  
97 10.4 10.9 32.9#





#27  
 cis-1,2-Dichloroethene  
 Concen: 2.451 ug/l  
 RT: 4.644 min Scan# 1040  
 Delta R.T. 0.010 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

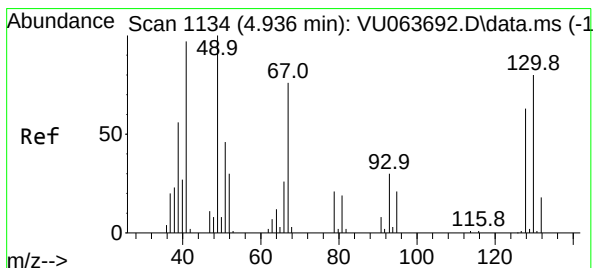
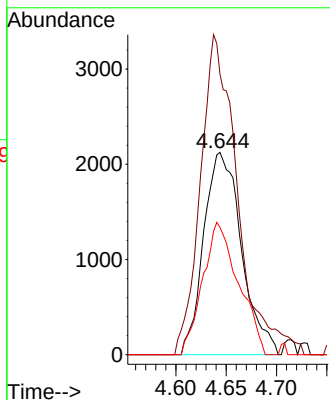
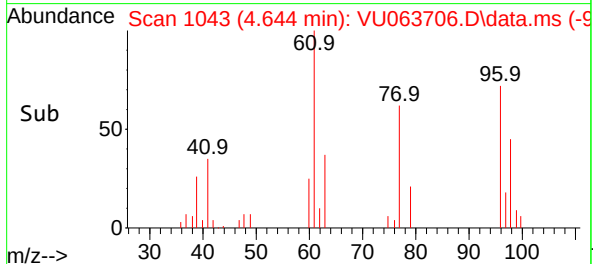
Instrument : MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025



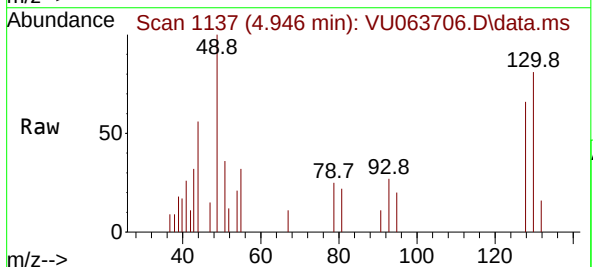
Tgt Ion: 96 Resp: 5540  
 Ion Ratio Lower Upper  
 96 100  
 61 155.5 0.0 295.4  
 98 62.1 0.0 131.8

Manual Integrations  
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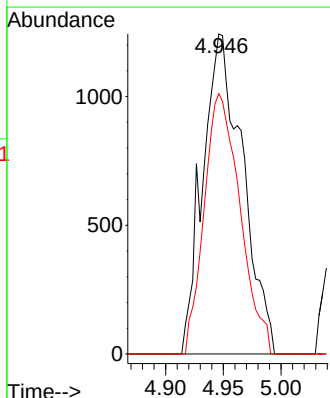
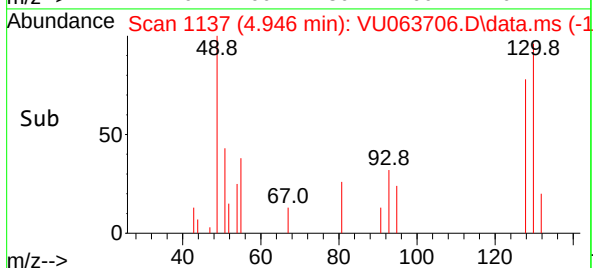
Reviewed By :John Carlone 11/12/2025  
 Supervised By :Mahesh Dadoda 11/12/2025

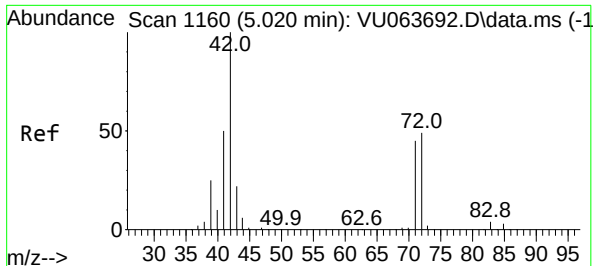


#28  
 Bromochloromethane  
 Concen: 2.084 ug/l  
 RT: 4.946 min Scan# 1137  
 Delta R.T. 0.010 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19



Tgt Ion: 49 Resp: 2980  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.6  
 130 73.3 65.1 97.7





#29

Tetrahydrofuran

Concen: 10.523 ug/l

RT: 5.030 min Scan# 1163

Delta R.T. 0.010 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

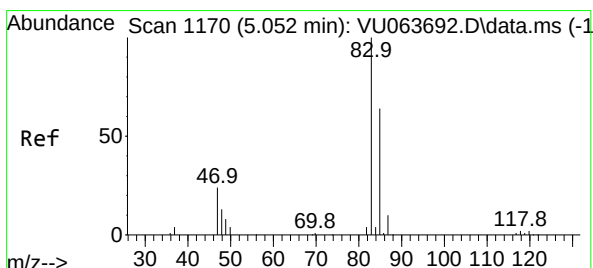
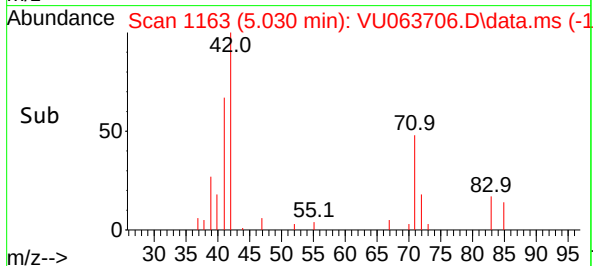
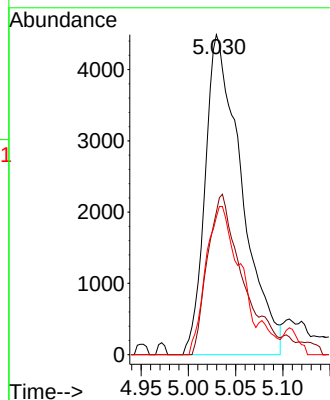
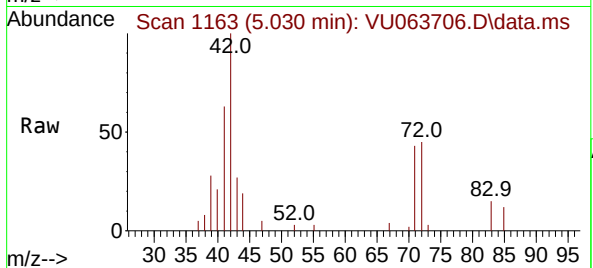
|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 1208  |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 48.1     | 40.0 60.0   |
| 71 42.3     | 37.4 56.0   |

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Chloroform

Concen: 2.591 ug/l

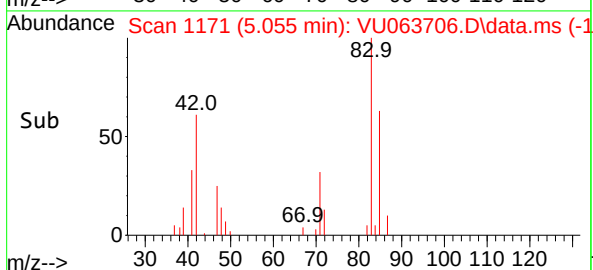
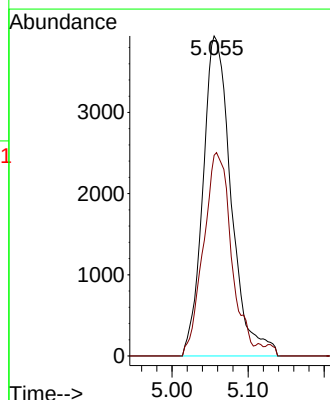
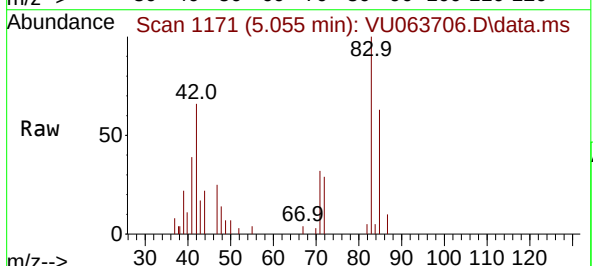
RT: 5.055 min Scan# 1171

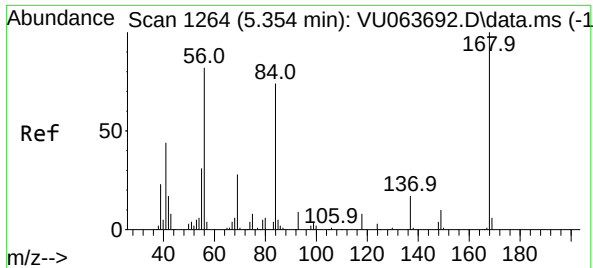
Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 10144 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 62.7     | 51.0 76.6   |





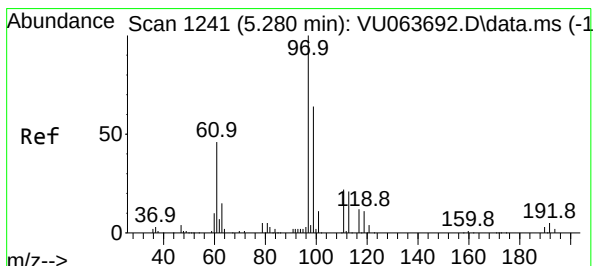
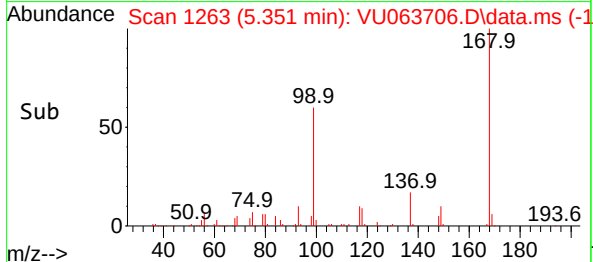
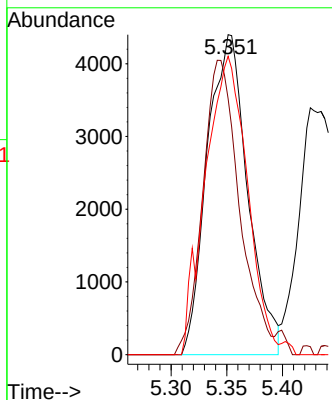
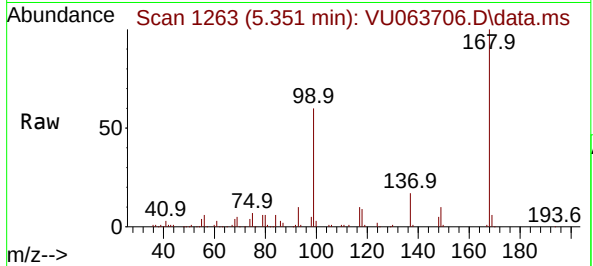
#31  
Cyclohexane  
Concen: 4.399 ug/l  
RT: 5.351 min Scan# 1110  
Delta R.T. -0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 56 Resp: 1110  
Ion Ratio Lower Upper  
56 100  
69 77.7 27.0 40.6  
84 93.2 71.8 107.6

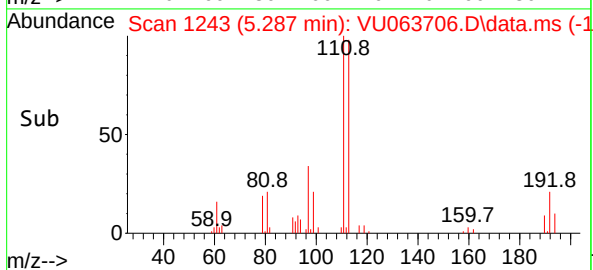
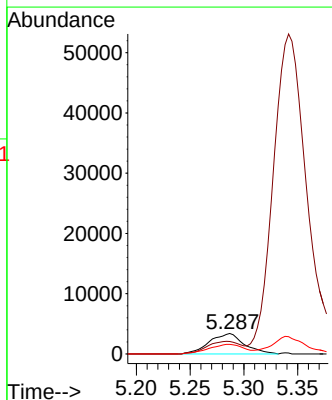
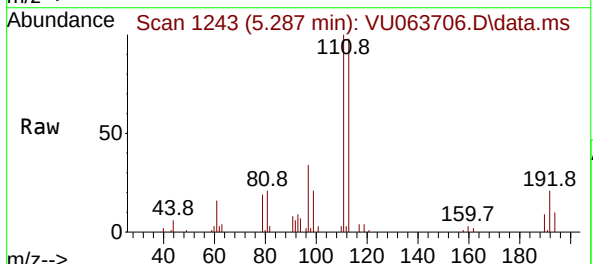
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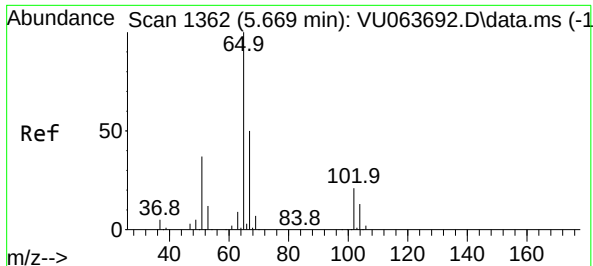
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#32  
1,1,1-Trichloroethane  
Concen: 2.380 ug/l  
RT: 5.287 min Scan# 1243  
Delta R.T. 0.007 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 97 Resp: 7646  
Ion Ratio Lower Upper  
97 100  
99 61.8 49.8 74.8  
61 47.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.149 ug/l

RT: 5.673 min Scan# 1362

Delta R.T. 0.004 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 65 Resp: 137970

Ion Ratio Lower Upper

65 100

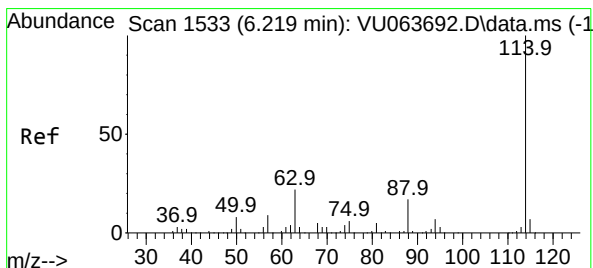
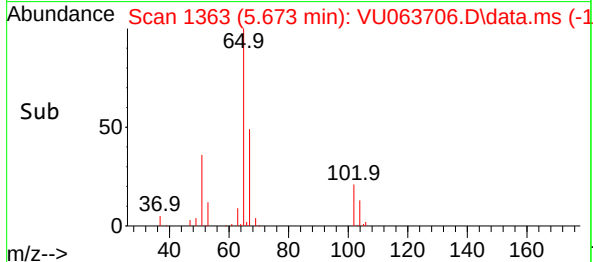
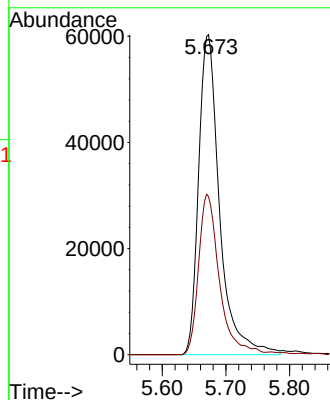
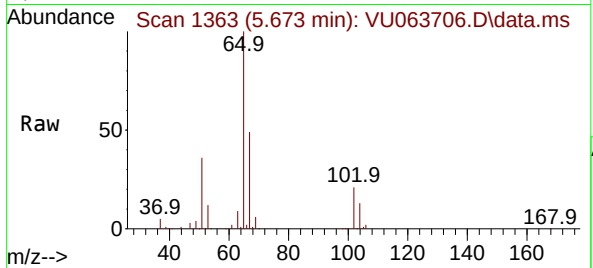
67 49.8 0.0 101.8

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

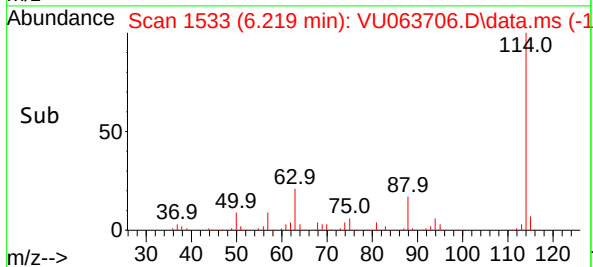
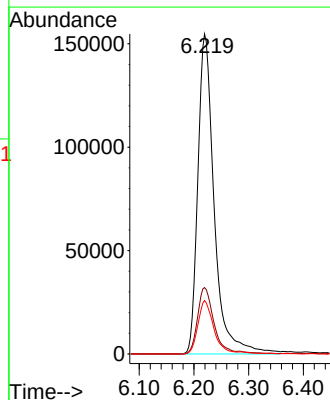
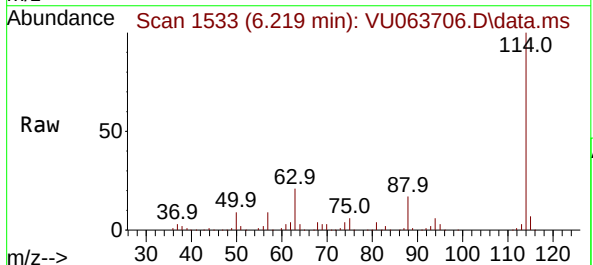
Tgt Ion:114 Resp: 321344

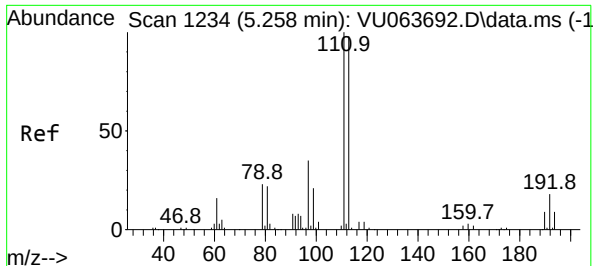
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

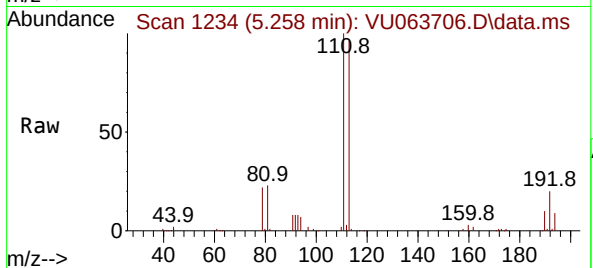
88 16.7 0.0 33.6





#35  
Dibromofluoromethane  
Concen: 47.205 ug/l  
RT: 5.258 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

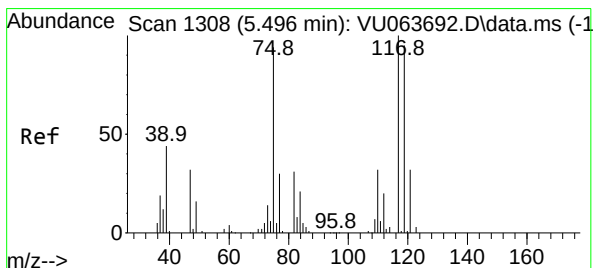
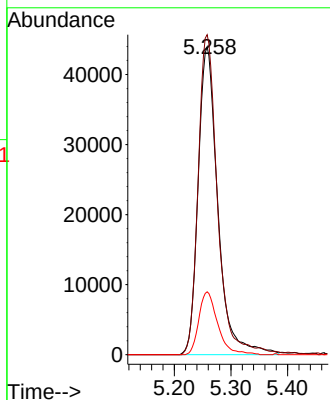
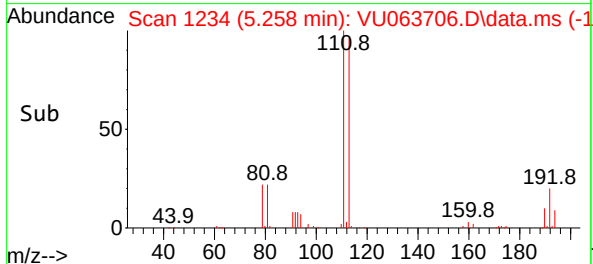
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:113 Resp: 106244  
Ion Ratio Lower Upper  
113 100  
111 100.6 82.4 123.6  
192 19.6 15.4 23.0

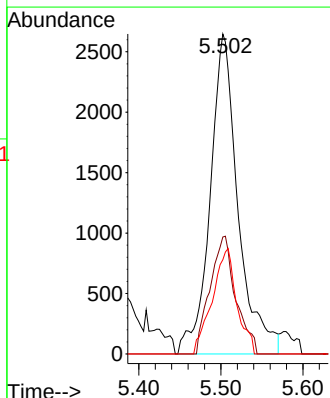
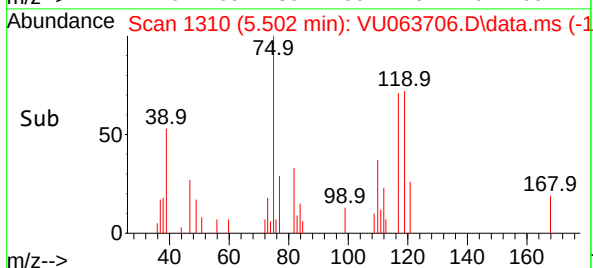
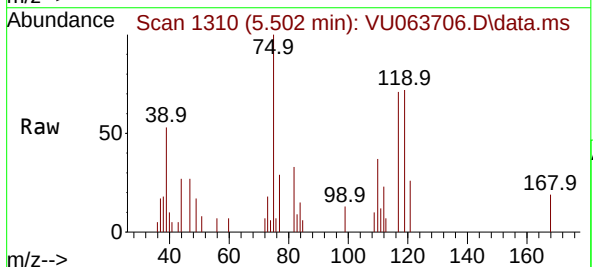
Manual Integrations  
APPROVED

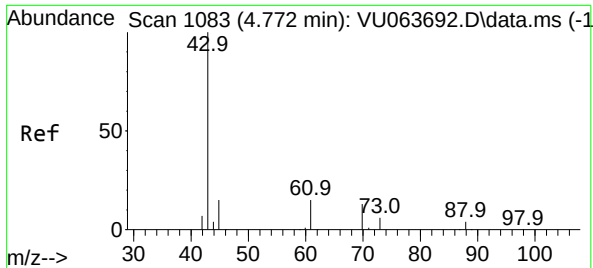
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#36  
1,1-Dichloropropene  
Concen: 2.735 ug/l  
RT: 5.502 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 75 Resp: 6265  
Ion Ratio Lower Upper  
75 100  
110 33.8 17.3 51.7  
77 28.9 24.4 36.6





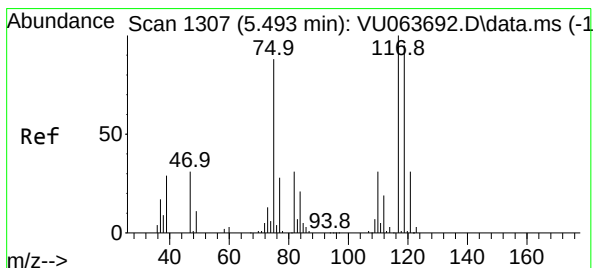
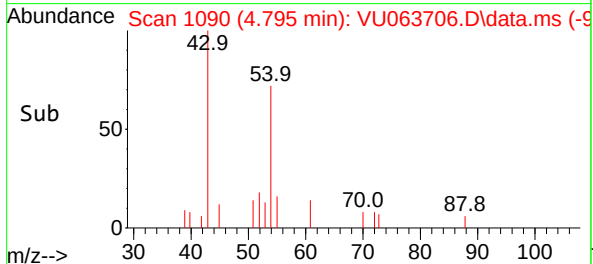
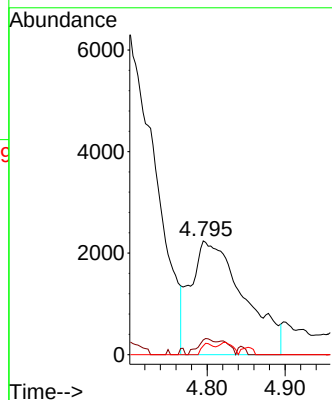
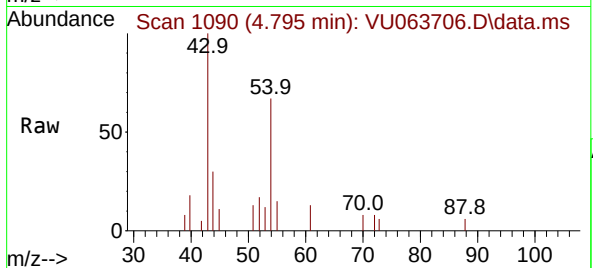
#37  
Ethyl Acetate  
Concen: 3.267 ug/l m  
RT: 4.795 min Scan# 1090  
Delta R.T. 0.023 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 10590  
Ion Ratio Lower Upper  
43 100  
61 4.4 10.3 15.5  
70 2.3 8.9 13.3

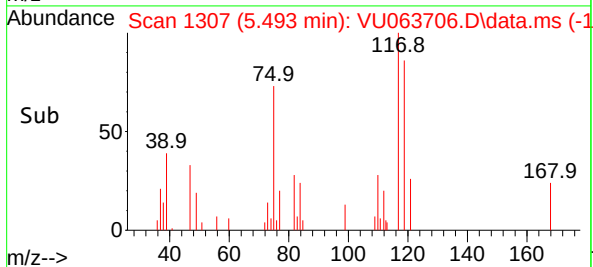
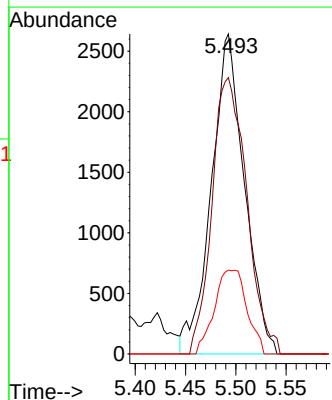
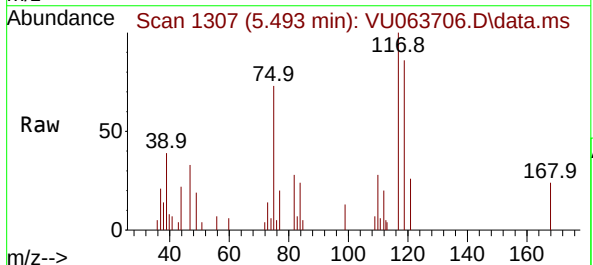
Manual Integrations  
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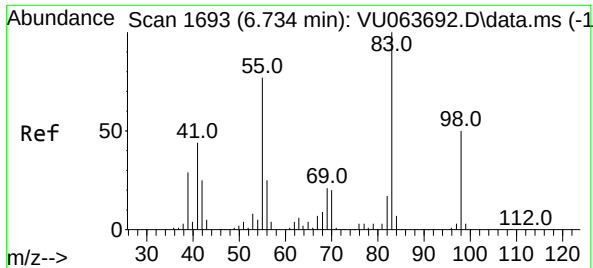
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#38  
Carbon Tetrachloride  
Concen: 2.443 ug/l  
RT: 5.493 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:117 Resp: 6049  
Ion Ratio Lower Upper  
117 100  
119 86.4 76.1 114.1  
121 26.2 24.6 37.0





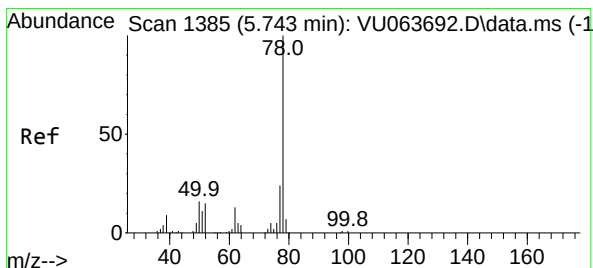
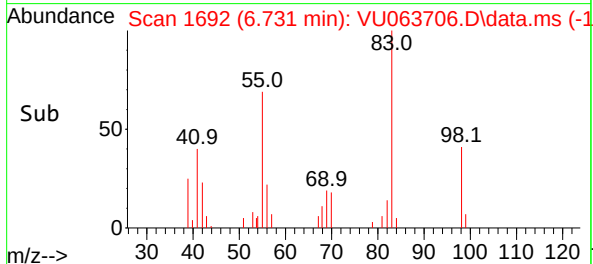
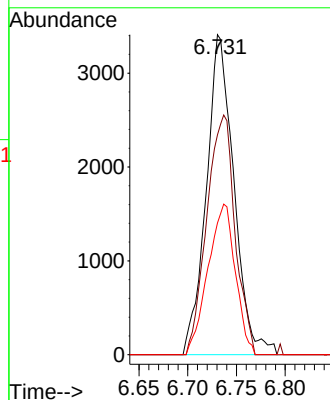
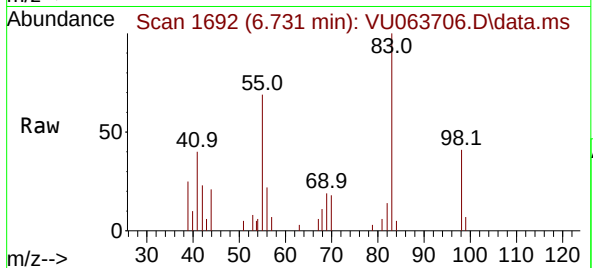
#39  
Methylcyclohexane  
Concen: 2.584 ug/l  
RT: 6.731 min Scan# 1692  
Delta R.T. -0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 672   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 68.7     | 61.6 92.4   |
| 98 41.1     | 40.0 60.0   |

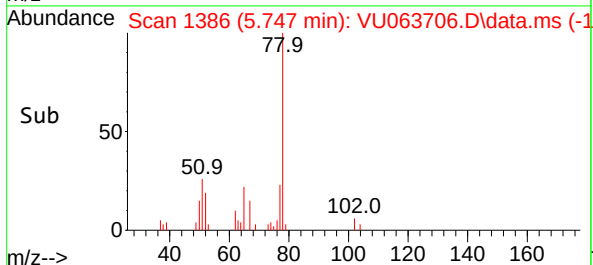
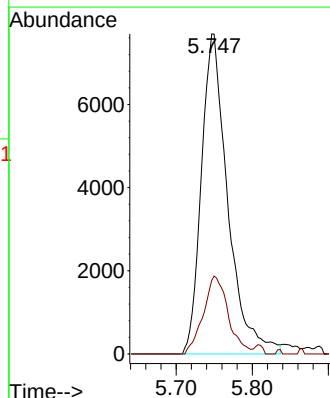
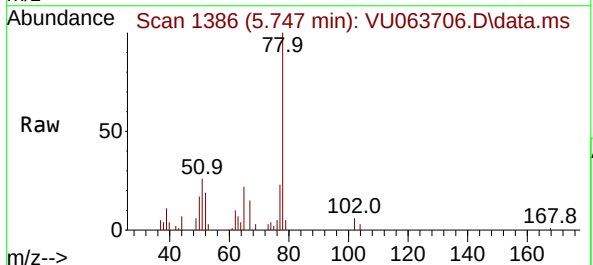
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

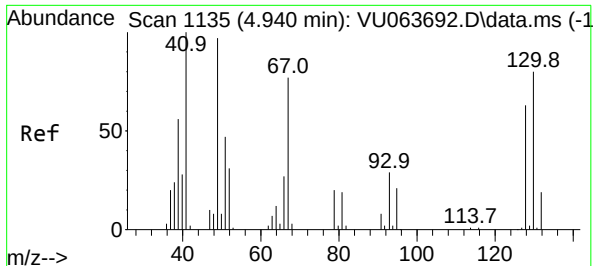


#40  
Benzene  
Concen: 2.508 ug/l  
RT: 5.747 min Scan# 1386  
Delta R.T. 0.004 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 18539 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 22.9     | 18.9 28.3   |







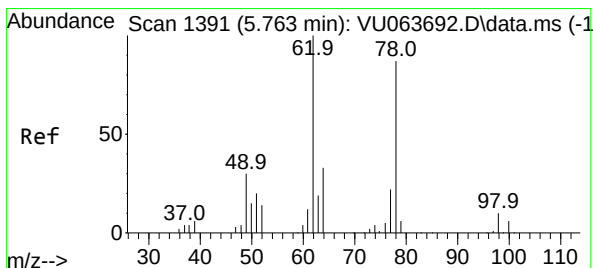
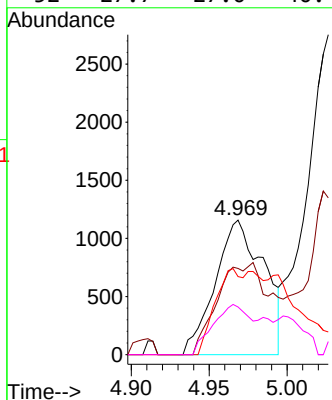
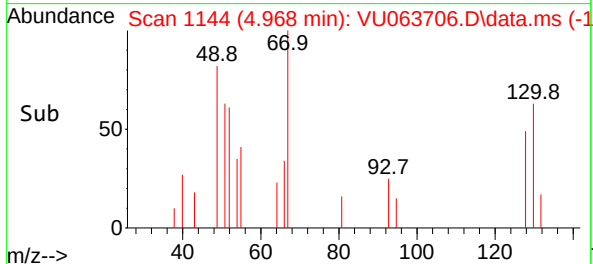
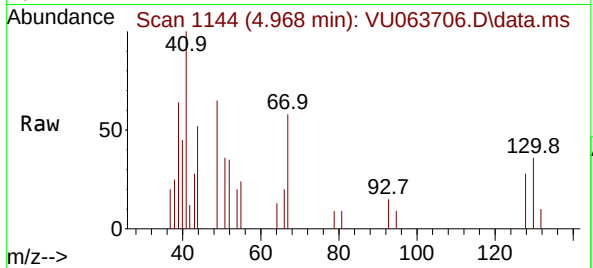
#41  
Methacrylonitrile  
Concen: 1.491 ug/l  
RT: 4.968 min Scan# 1135  
Delta R.T. 0.028 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 41 Resp: 251  
Ion Ratio Lower Upper  
41 100  
39 75.0 44.7 67.1  
67 36.2 67.4 101.2  
52 27.7 27.0 40.4

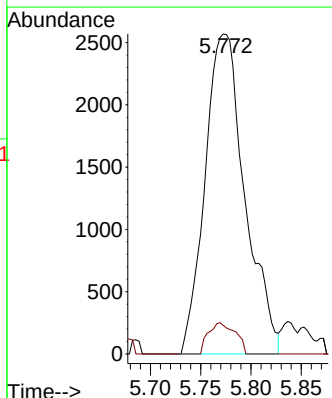
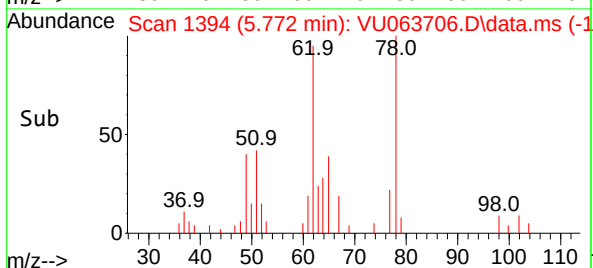
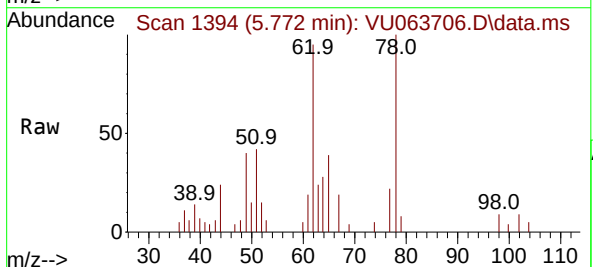
Manual Integrations  
APPROVED

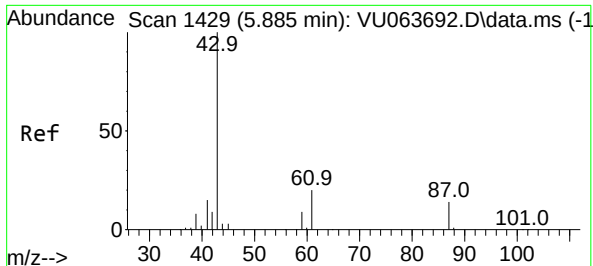
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#42  
1,2-Dichloroethane  
Concen: 2.431 ug/l  
RT: 5.772 min Scan# 1394  
Delta R.T. 0.009 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 62 Resp: 7089  
Ion Ratio Lower Upper  
62 100  
98 6.6 0.0 18.2





#43

Isopropyl Acetate

Concen: 2.027 ug/l

RT: 5.895 min Scan# 1429

Delta R.T. 0.010 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

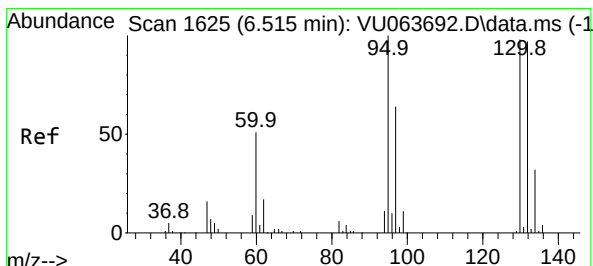
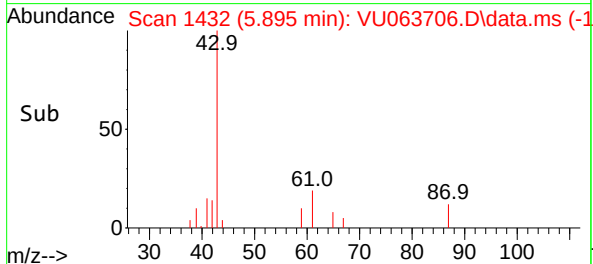
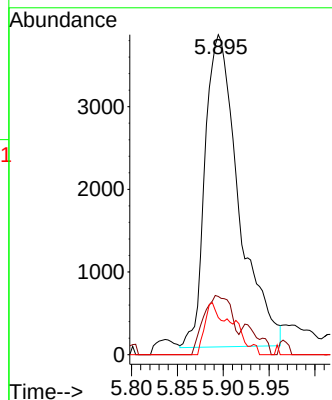
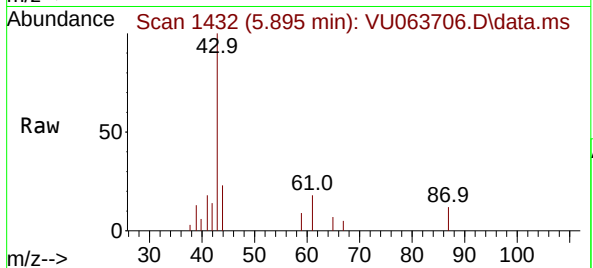
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 963   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 16.0     | 15.9 23.9   |
| 87 13.6     | 11.0 16.6   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#44

Trichloroethene

Concen: 2.476 ug/l

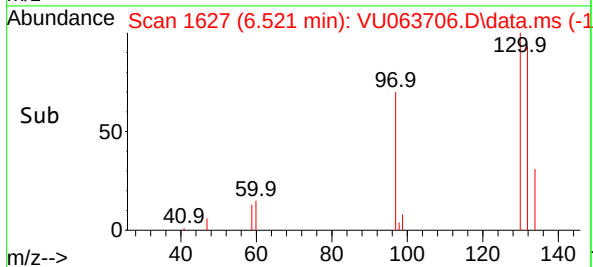
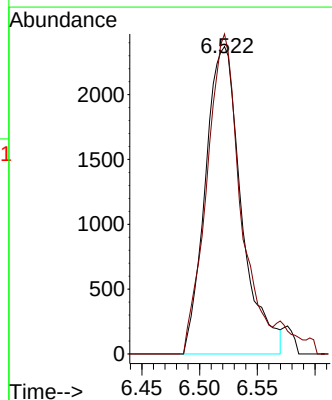
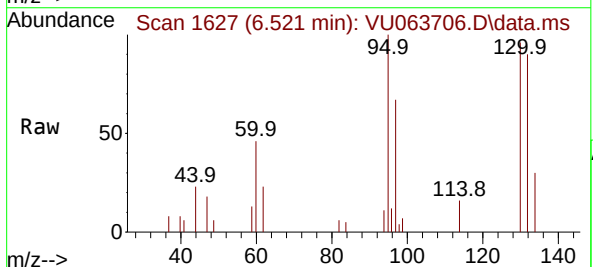
RT: 6.521 min Scan# 1627

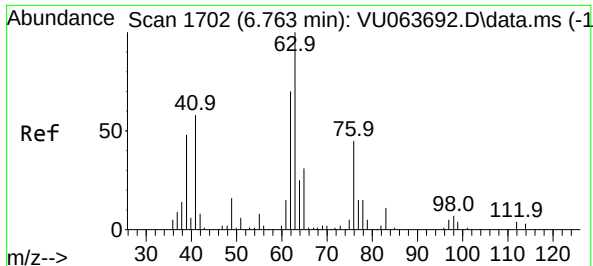
Delta R.T. 0.006 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 5136  |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 104.1    | 0.0 203.6   |





#45

1,2-Dichloropropane

Concen: 2.569 ug/l

RT: 6.763 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 63 Resp: 516

Ion Ratio Lower Upper

63 100

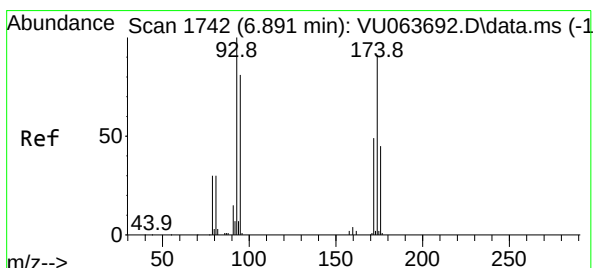
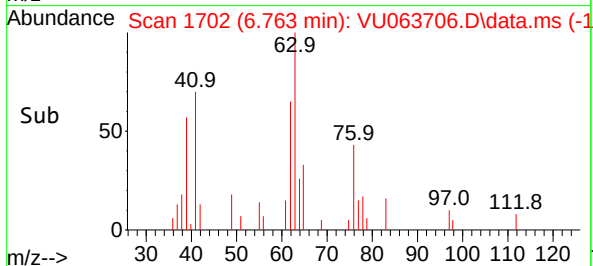
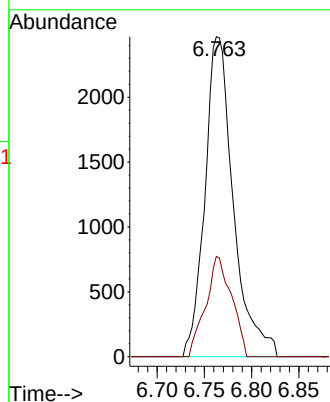
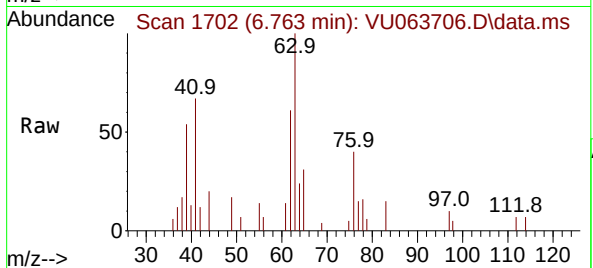
65 31.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 2.609 ug/l

RT: 6.894 min Scan# 1743

Delta R.T. 0.003 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

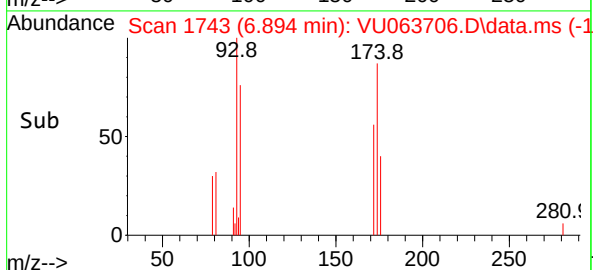
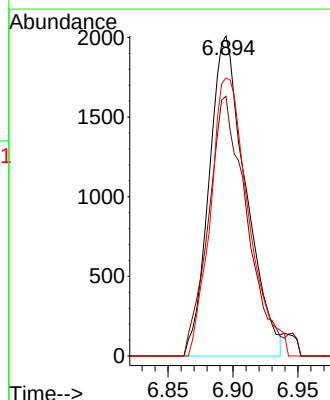
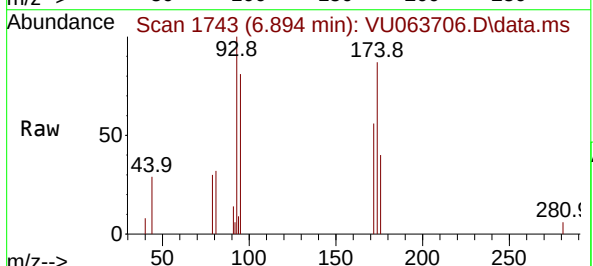
Tgt Ion: 93 Resp: 3936

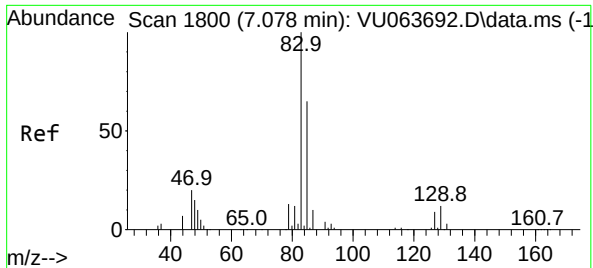
Ion Ratio Lower Upper

93 100

95 85.0 65.9 98.9

174 89.8 74.9 112.3





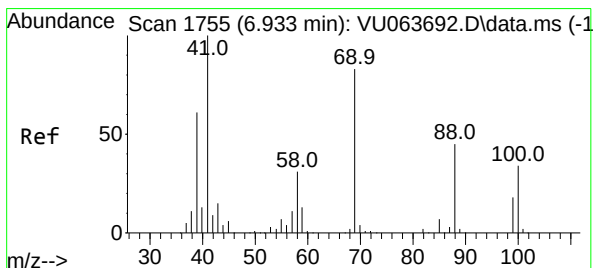
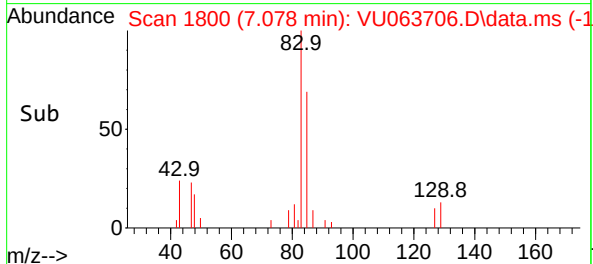
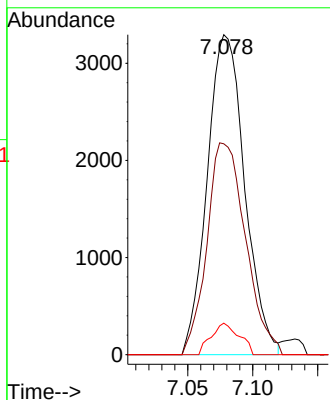
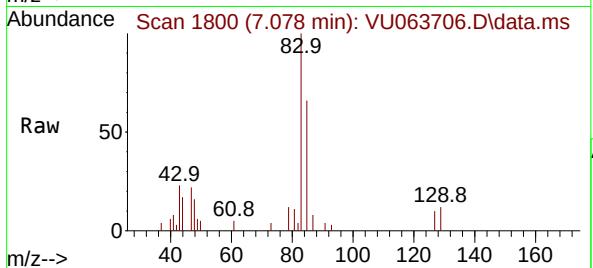
#47  
Bromodichloromethane  
Concen: 2.159 ug/l  
RT: 7.078 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 83 Resp: 6604  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.9 77.9  
127 9.9 6.9 10.3

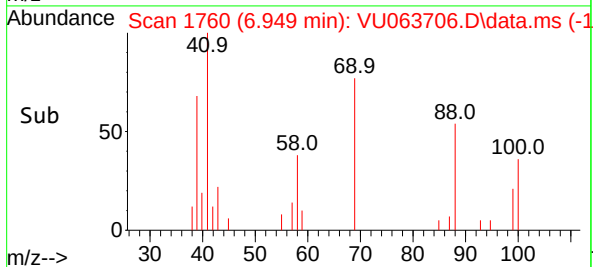
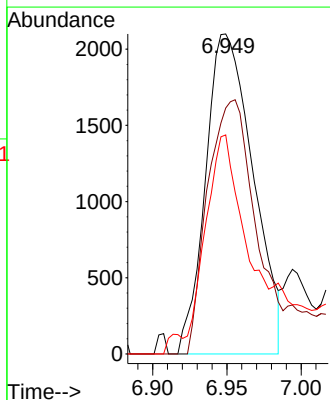
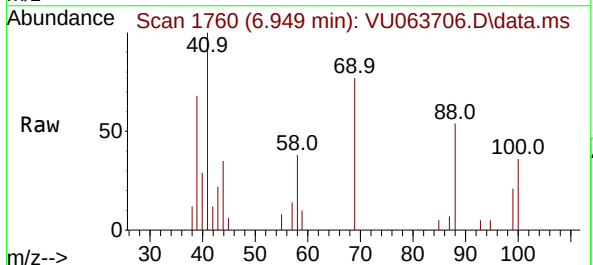
Manual Integrations  
APPROVED

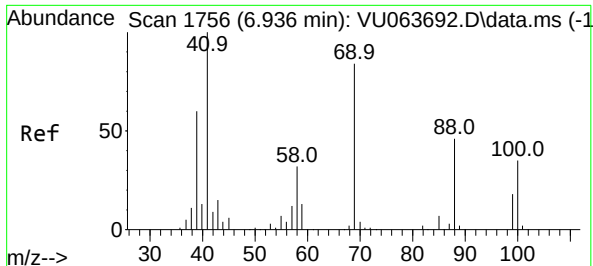
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#48  
Methyl methacrylate  
Concen: 2.004 ug/l  
RT: 6.949 min Scan# 1760  
Delta R.T. 0.016 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 41 Resp: 4677  
Ion Ratio Lower Upper  
41 100  
69 79.9 72.9 109.3  
39 71.6 51.0 76.4





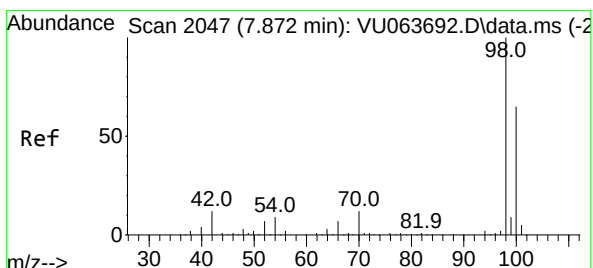
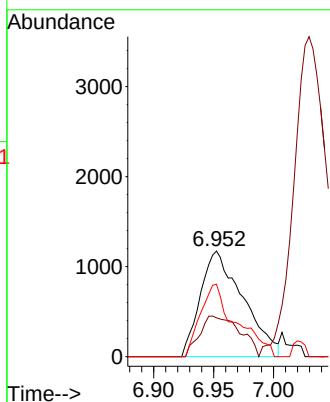
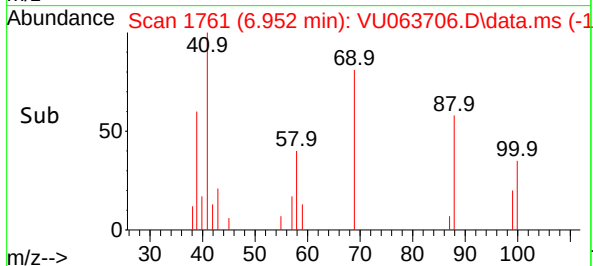
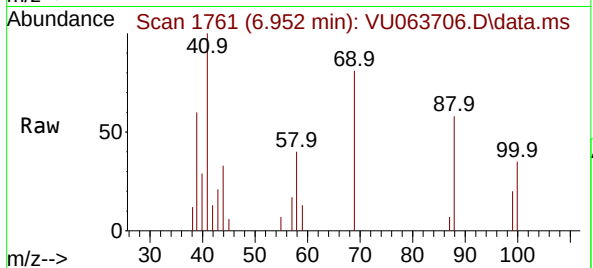
#49  
1,4-Dioxane  
Concen: 47.002 ug/l  
RT: 6.952 min Scan# 1761  
Delta R.T. 0.016 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 88 Resp: 2900  
Ion Ratio Lower Upper  
88 100  
43 36.3 24.1 36.1  
58 57.5 54.2 81.4

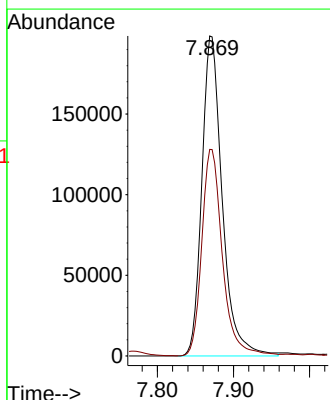
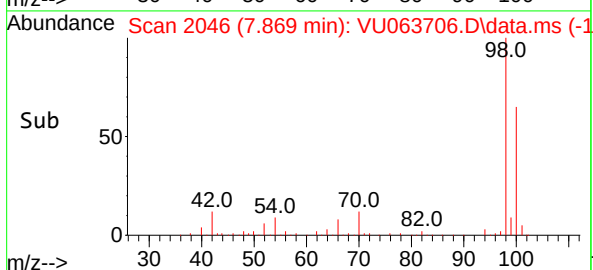
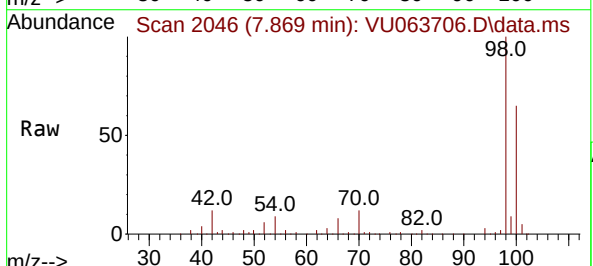
Manual Integrations  
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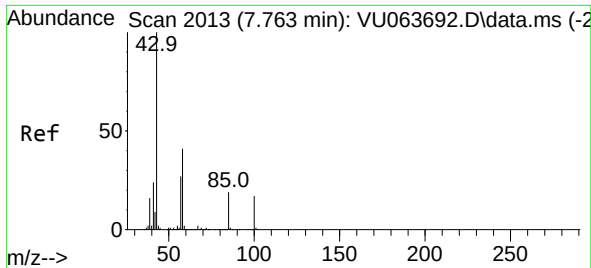
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#50  
Toluene-d8  
Concen: 45.690 ug/l  
RT: 7.869 min Scan# 2046  
Delta R.T. -0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 98 Resp: 369435  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.5 78.7





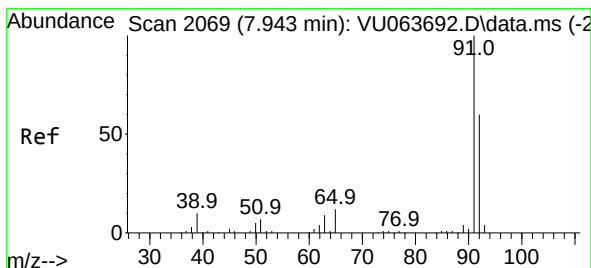
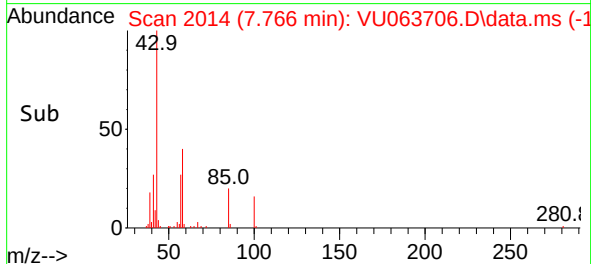
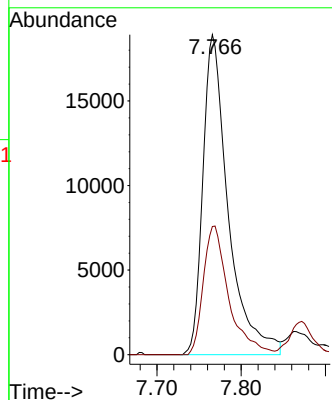
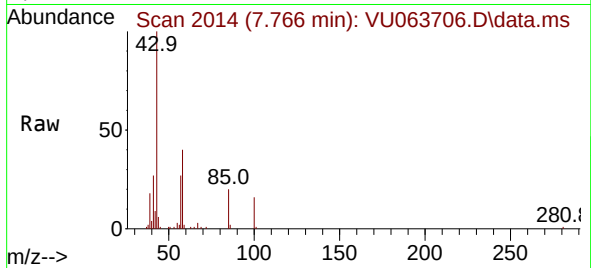
#51  
4-Methyl-2-Pentanone  
Concen: 10.885 ug/l  
RT: 7.766 min Scan# 2013  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 43 Resp: 39600  
Ion Ratio Lower Upper  
43 100  
58 40.5 32.3 48.5

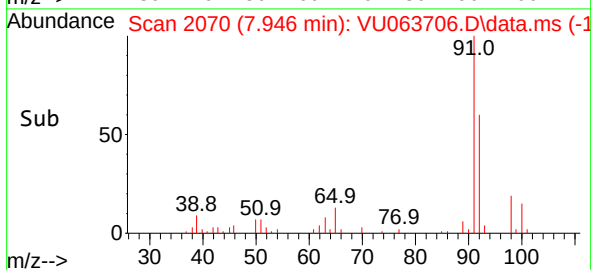
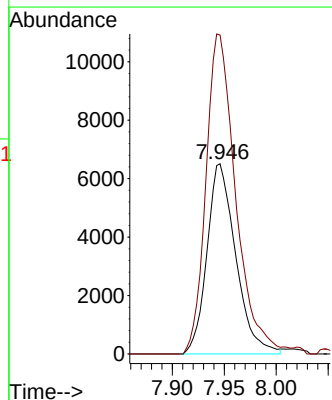
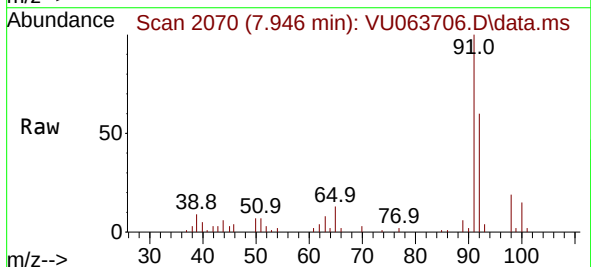
Manual Integrations  
APPROVED

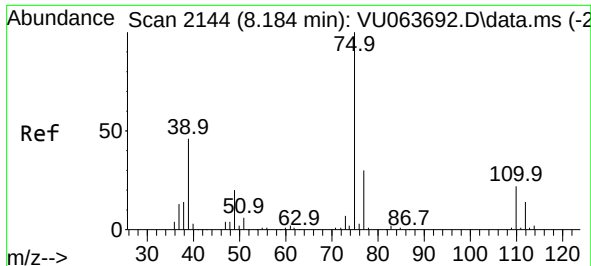
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#52  
Toluene  
Concen: 2.608 ug/l  
RT: 7.946 min Scan# 2070  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

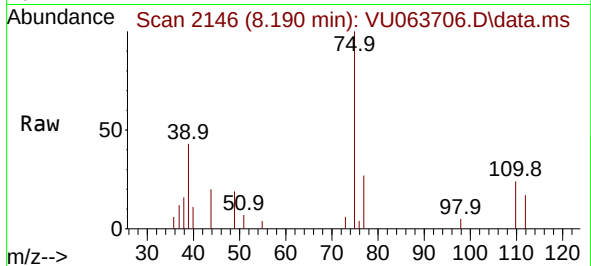
Tgt Ion: 92 Resp: 12514  
Ion Ratio Lower Upper  
92 100  
91 174.4 136.6 204.8





#53  
 t-1,3-Dichloropropene  
 Concen: 2.152 ug/l  
 RT: 8.190 min Scan# 2144  
 Delta R.T. 0.006 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

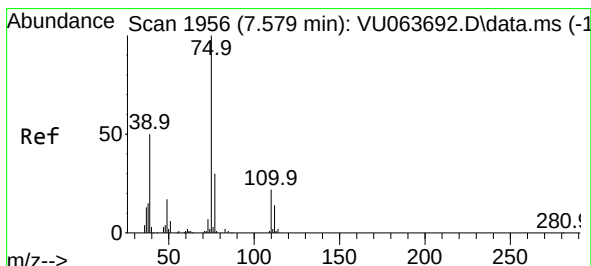
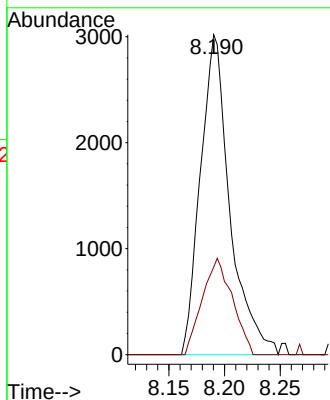
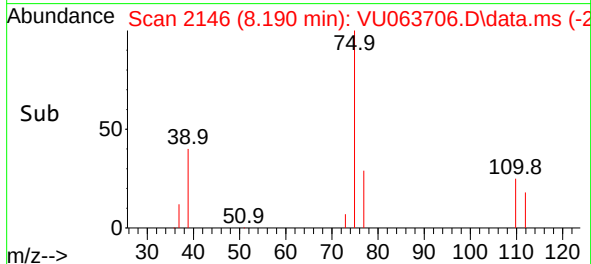
Instrument : MSVOA\_U  
 ClientSampleId : LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 75 Resp: 5544  
 Ion Ratio Lower Upper  
 75 100  
 77 27.4 24.3 36.5

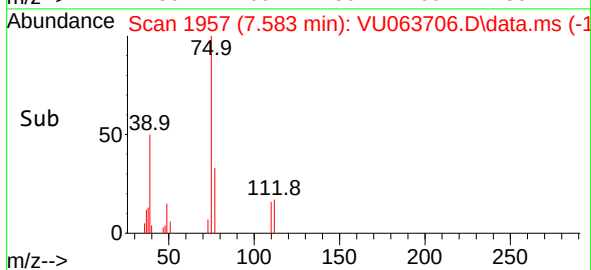
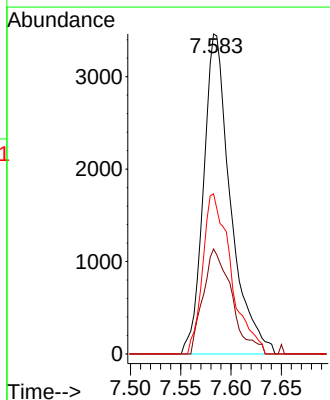
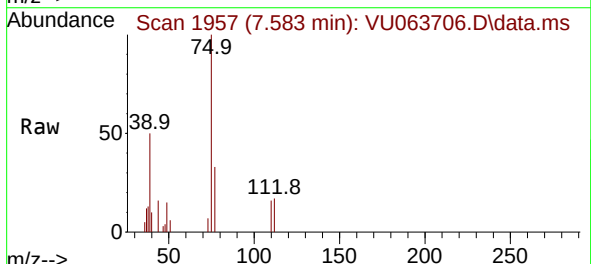
Manual Integrations  
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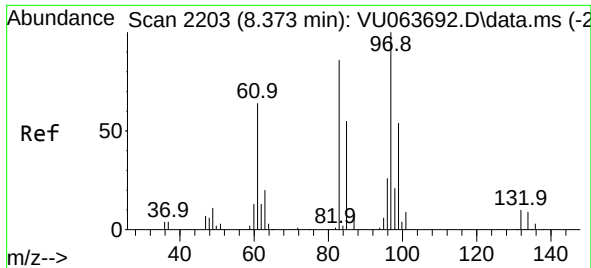
Reviewed By :John Carlone 11/12/2025  
 Supervised By :Mahesh Dadoda 11/12/2025



#54  
 cis-1,3-Dichloropropene  
 Concen: 2.235 ug/l  
 RT: 7.583 min Scan# 1957  
 Delta R.T. 0.004 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

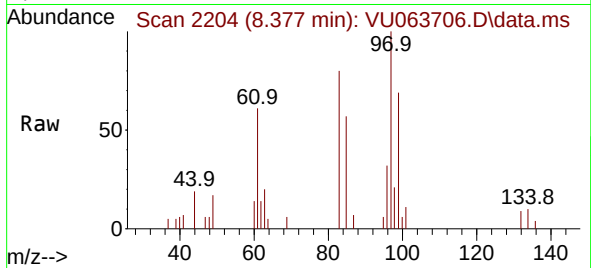
Tgt Ion: 75 Resp: 6454  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 24.3 36.5  
 39 50.1 40.2 60.2





#55  
1,1,2-Trichloroethane  
Concen: 2.430 ug/l  
RT: 8.377 min Scan# 2186  
Delta R.T. 0.004 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

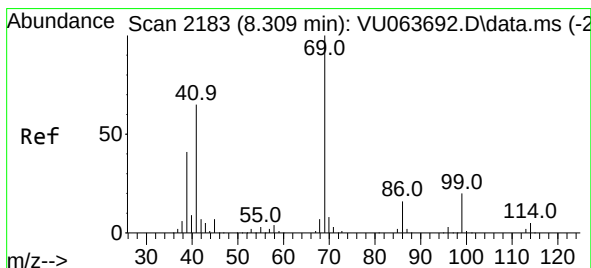
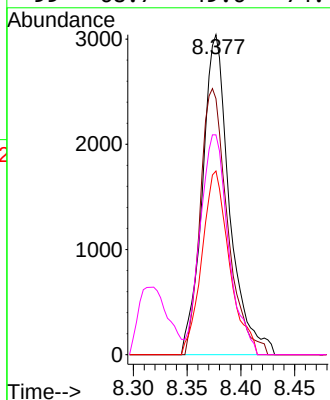
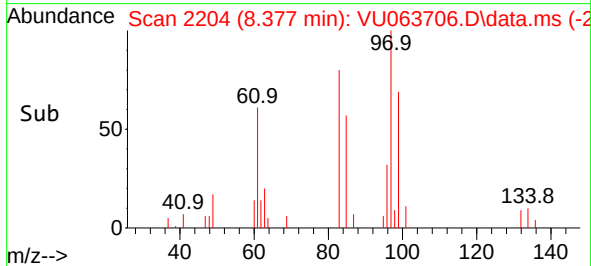
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 80.0  | 69.0  | 103.4 |
| 85      | 57.4  | 44.2  | 66.4  |
| 99      | 68.7  | 49.6  | 74.4  |

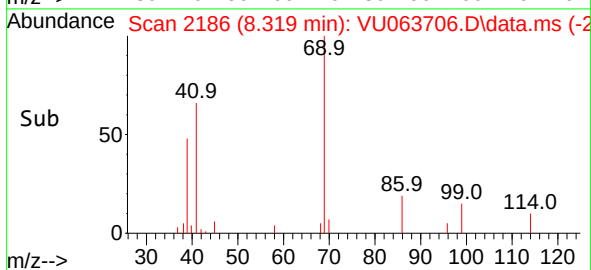
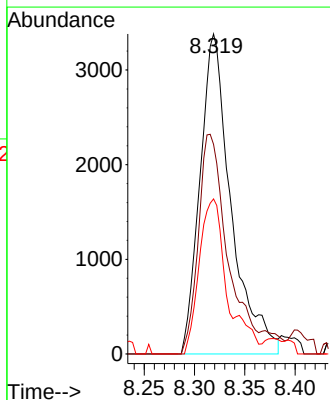
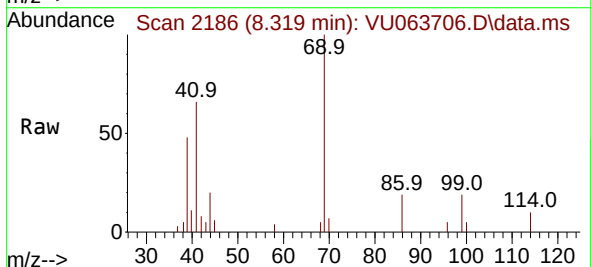
Manual Integrations  
APPROVED

Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

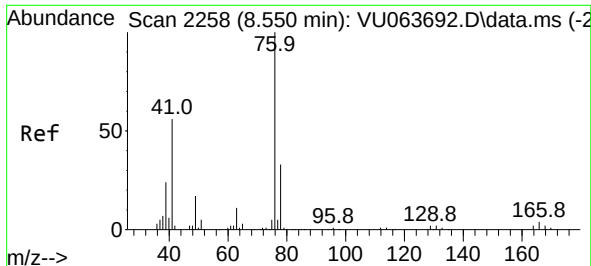


#56  
Ethyl methacrylate  
Concen: 2.236 ug/l  
RT: 8.319 min Scan# 2186  
Delta R.T. 0.010 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.3  | 51.4  | 77.2  |
| 39      | 44.0  | 32.2  | 48.4  |







#57

1,3-Dichloropropane

Concen: 2.457 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

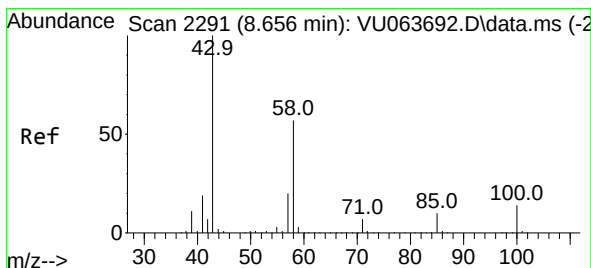
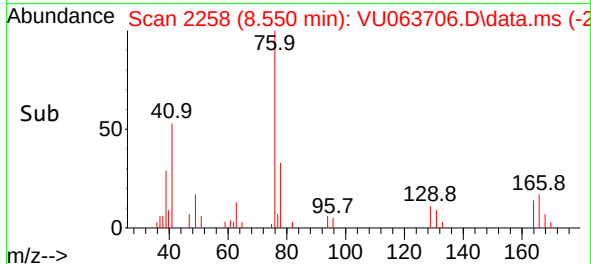
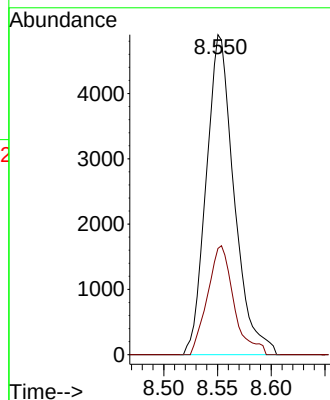
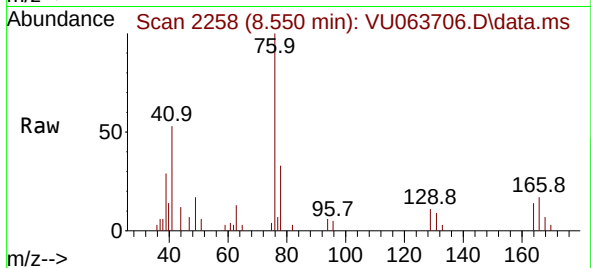
Tgt Ion: 76 Resp: 8824  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#59

2-Hexanone

Concen: 11.653 ug/l

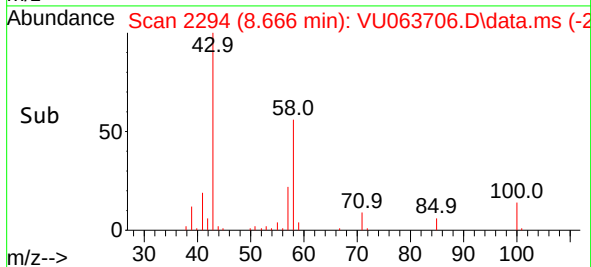
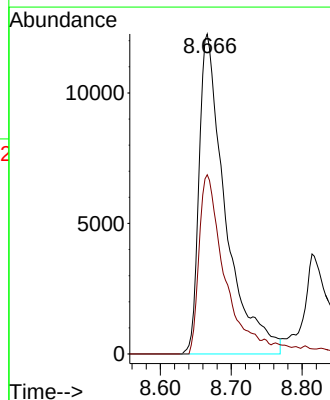
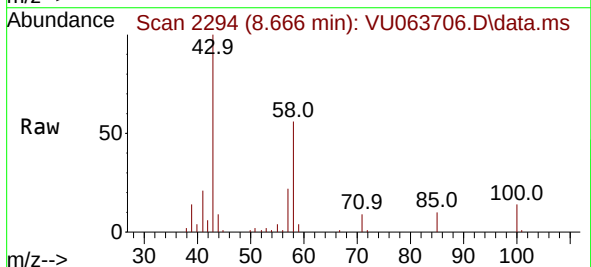
RT: 8.666 min Scan# 2294

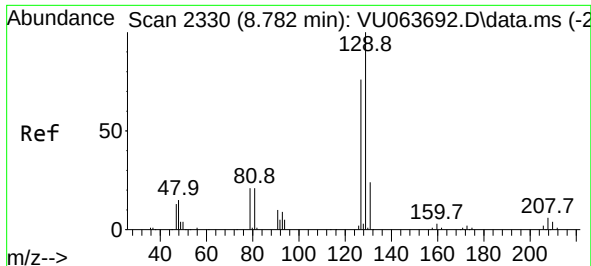
Delta R.T. 0.010 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

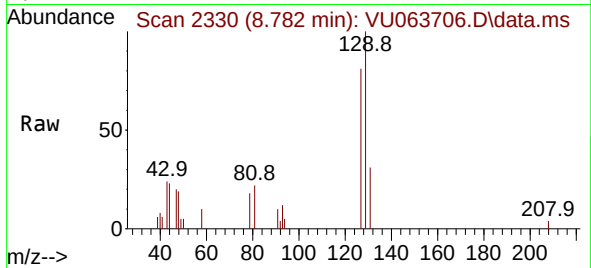
Tgt Ion: 43 Resp: 31578  
 Ion Ratio Lower Upper  
 43 100  
 58 54.1 28.4 85.3





#60  
Dibromochloromethane  
Concen: 2.148 ug/l  
RT: 8.782 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

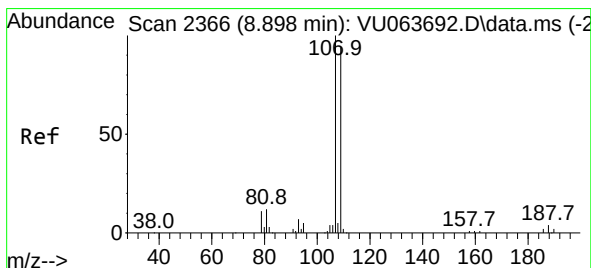
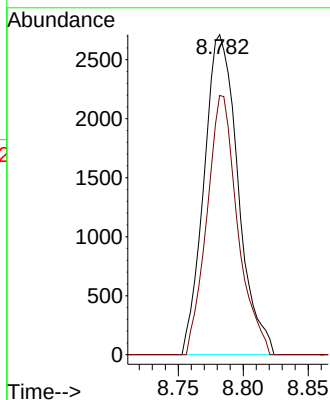
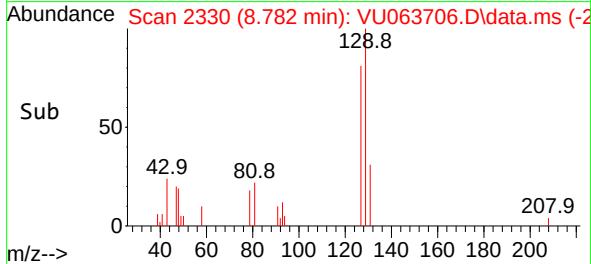
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



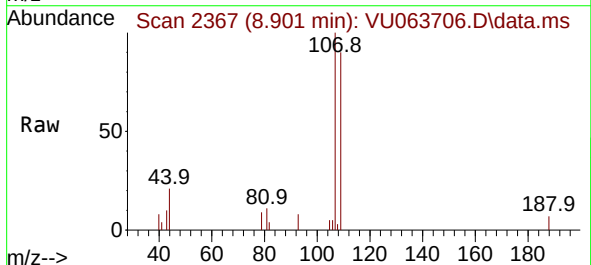
Tgt Ion:129 Resp: 4954  
Ion Ratio Lower Upper  
129 100  
127 72.9 38.2 114.6

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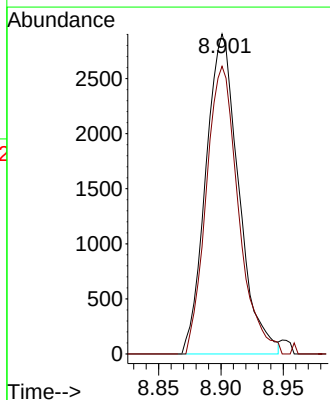
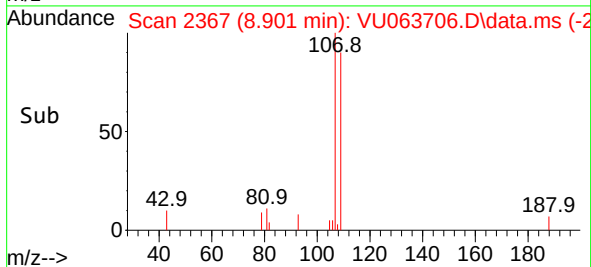
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

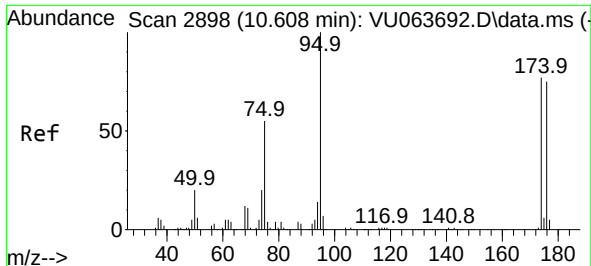


#61  
1,2-Dibromoethane  
Concen: 2.518 ug/l  
RT: 8.901 min Scan# 2367  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



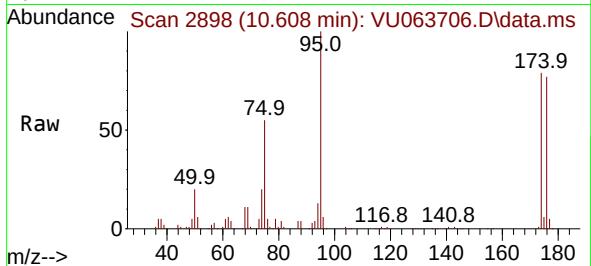
Tgt Ion:107 Resp: 5341  
Ion Ratio Lower Upper  
107 100  
109 87.9 73.8 110.8





#62  
4-Bromofluorobenzene  
Concen: 46.310 ug/l  
RT: 10.608 min Scan# 2898  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

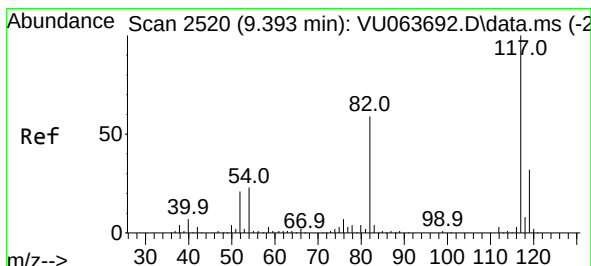
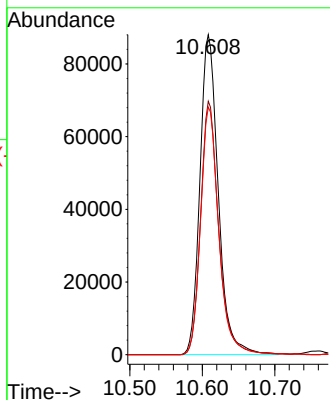
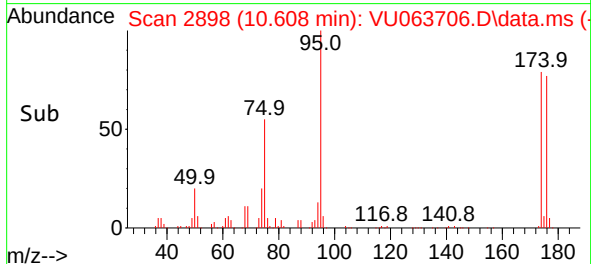
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 95 Resp: 15489  
Ion Ratio Lower Upper  
95 100  
174 77.8 0.0 154.6  
176 76.7 0.0 148.4

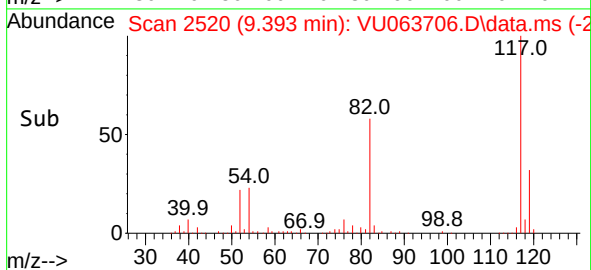
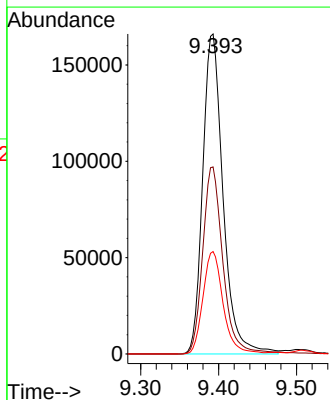
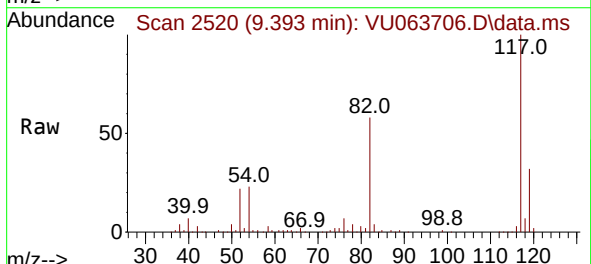
Manual Integrations  
APPROVED

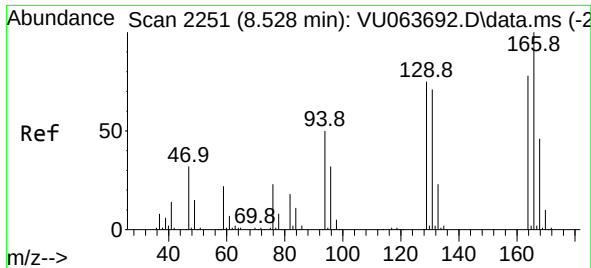
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.393 min Scan# 2520  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

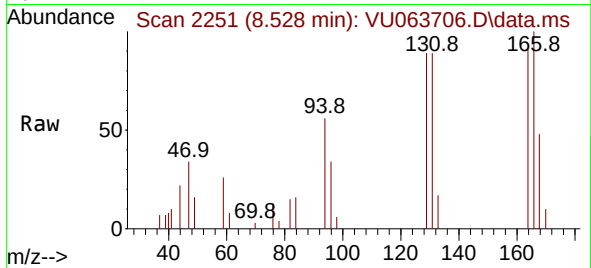
Tgt Ion:117 Resp: 301944  
Ion Ratio Lower Upper  
117 100  
82 58.4 46.9 70.3  
119 32.0 25.8 38.8





#64  
Tetrachloroethene  
Concen: 2.571 ug/l  
RT: 8.528 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

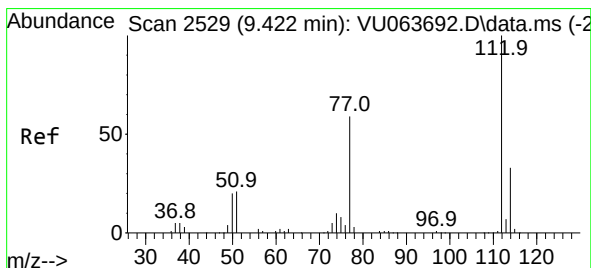
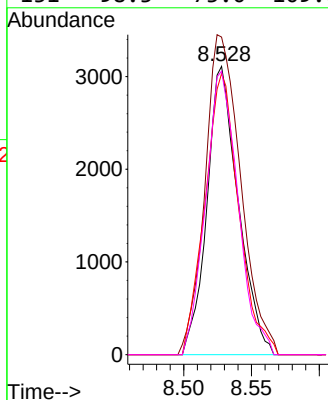
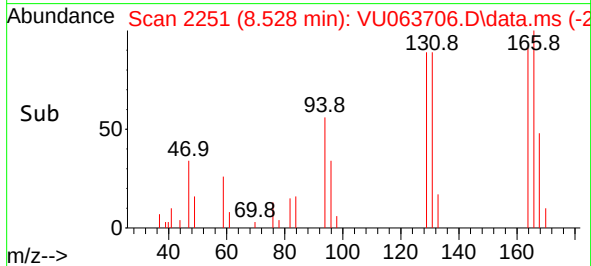
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



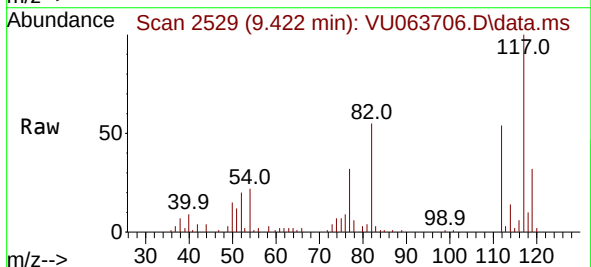
Tgt Ion:164 Resp: 5009  
Ion Ratio Lower Upper  
164 100  
166 110.2 102.5 153.7  
129 97.5 77.1 115.7  
131 98.3 73.0 109.6

Manual Integrations  
APPROVED

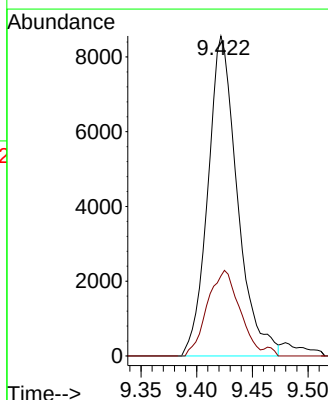
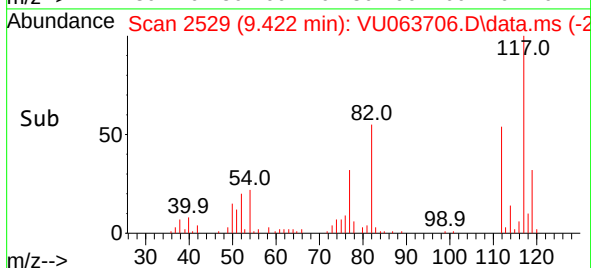
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

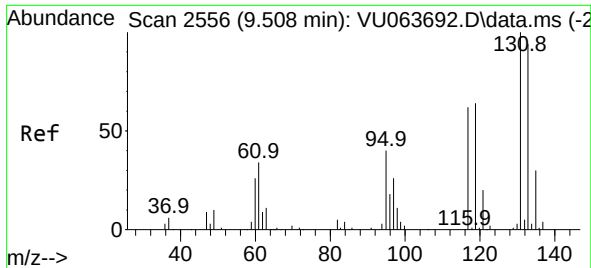


#65  
Chlorobenzene  
Concen: 2.670 ug/l  
RT: 9.422 min Scan# 2529  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



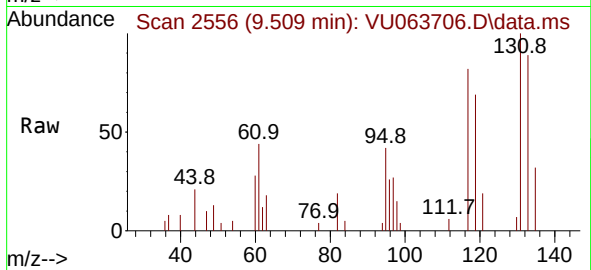
Tgt Ion:112 Resp: 15755  
Ion Ratio Lower Upper  
112 100  
114 25.0 26.2 39.2#





#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.341 ug/l  
RT: 9.509 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

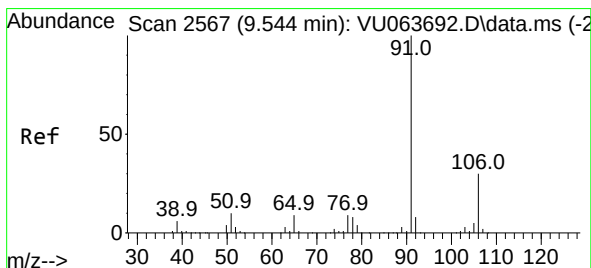
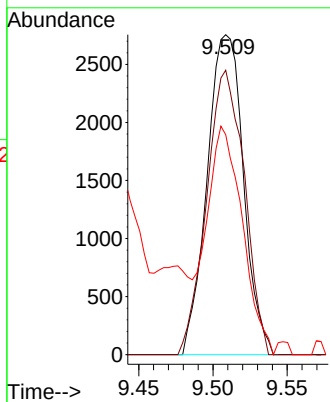
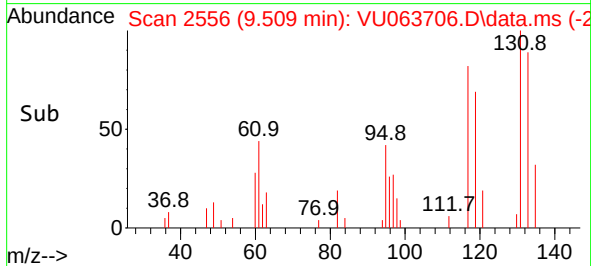
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion:131 Resp: 469  
Ion Ratio Lower Upper  
131 100  
133 92.2 47.5 142.5  
119 70.4 33.3 99.8

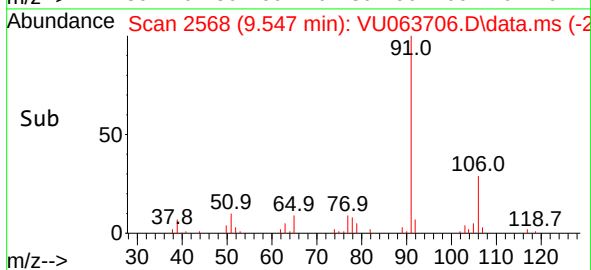
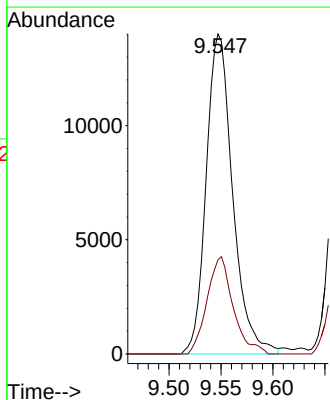
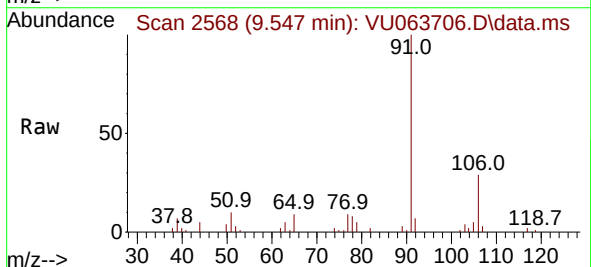
Manual Integrations  
APPROVED

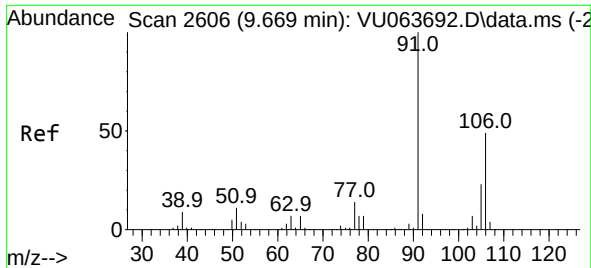
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#67  
Ethyl Benzene  
Concen: 2.527 ug/l  
RT: 9.547 min Scan# 2568  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 91 Resp: 24834  
Ion Ratio Lower Upper  
91 100  
106 29.5 23.8 35.8





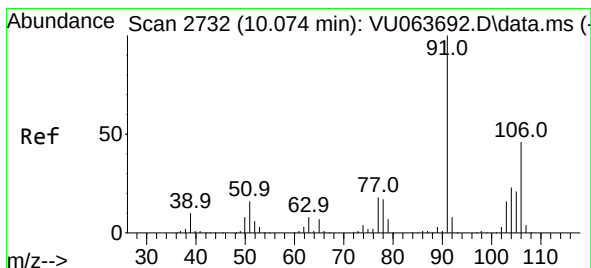
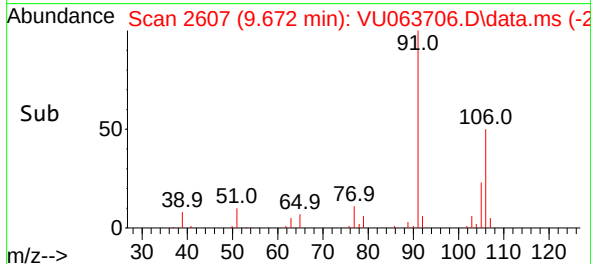
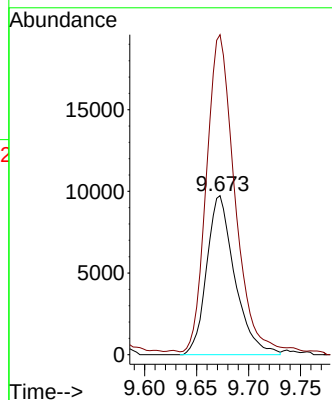
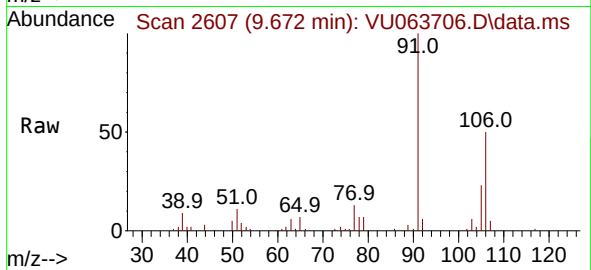
#68  
m/p-Xylenes  
Concen: 5.032 ug/l  
RT: 9.672 min Scan# 2606  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:106 Resp: 1825  
Ion Ratio Lower Upper  
106 100  
91 200.7 165.7 248.5

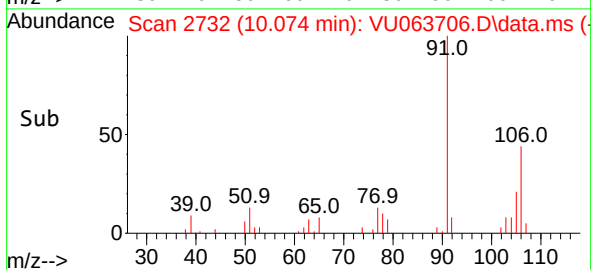
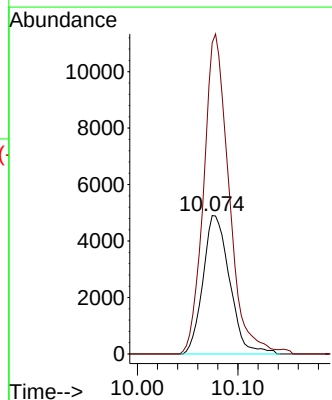
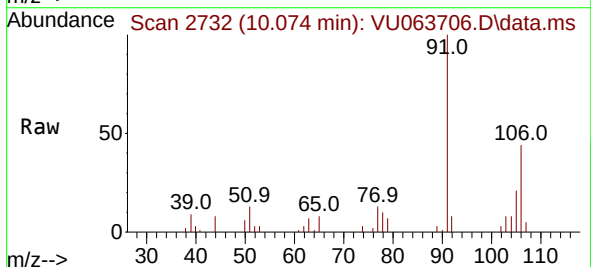
Manual Integrations  
APPROVED

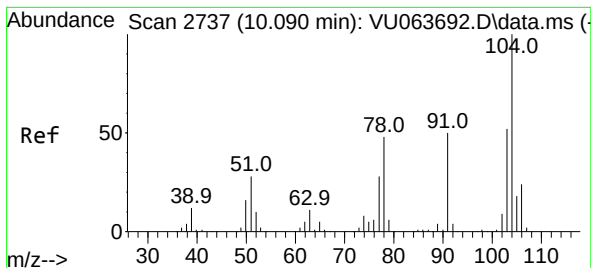
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#69  
o-Xylene  
Concen: 2.407 ug/l  
RT: 10.074 min Scan# 2732  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:106 Resp: 9011  
Ion Ratio Lower Upper  
106 100  
91 219.8 108.7 325.9





#70

Styrene

Concen: 2.355 ug/l

RT: 10.097 min Scan# 2737

Delta R.T. 0.007 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

Instrument :

MSVOA\_U

ClientSampleId :

LOD-MDL-WATER-01-QT4-2025

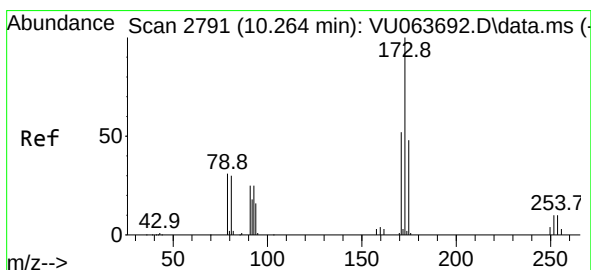
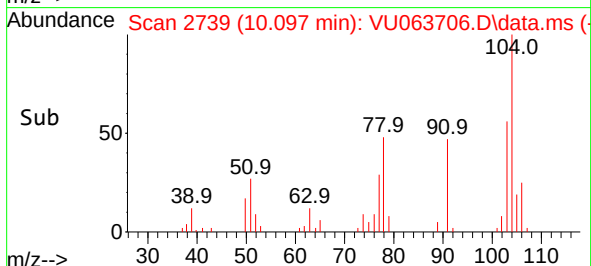
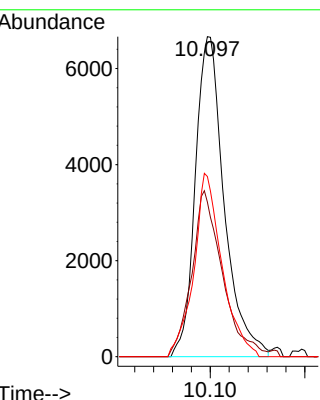
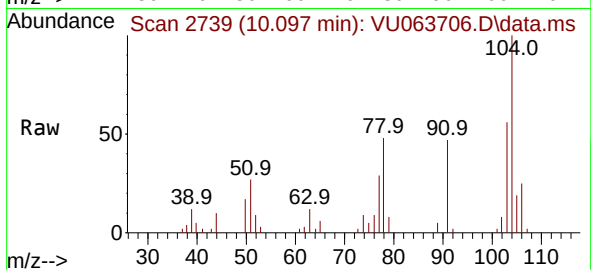
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 55.0  | 42.7  | 64.1  |
| 103     | 55.8  | 44.0  | 66.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#71

Bromoform

Concen: 2.047 ug/l

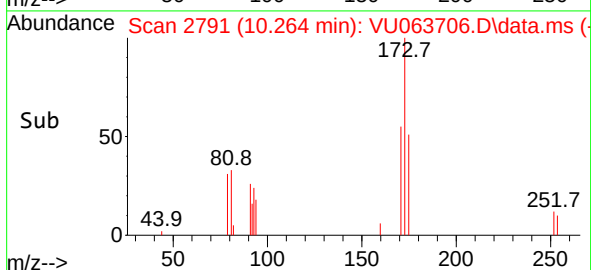
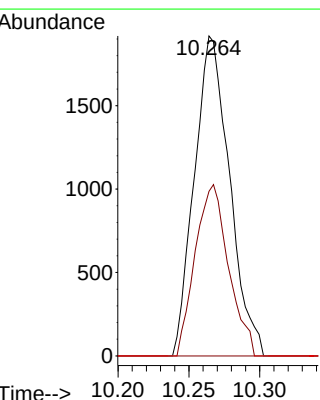
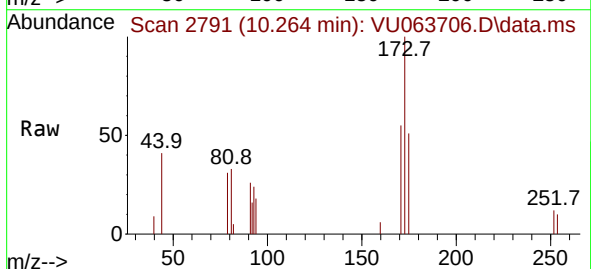
RT: 10.264 min Scan# 2791

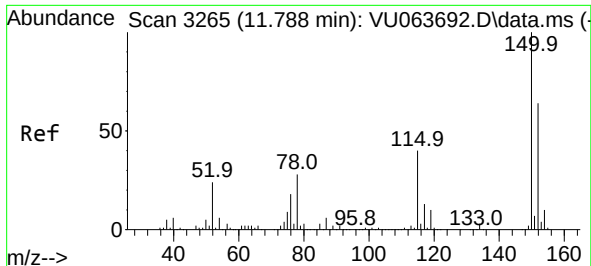
Delta R.T. 0.000 min

Lab File: VU063706.D

Acq: 11 Nov 2025 15:19

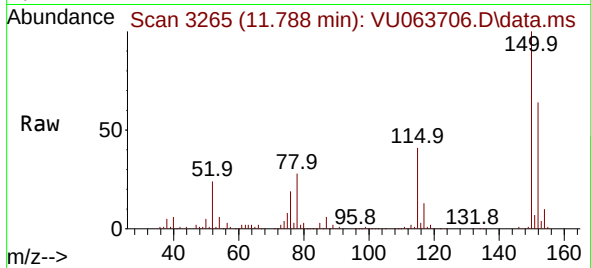
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.8  | 24.1  | 72.2  |
| 254     | 0.0   | 0.0   | 0.0   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.788 min Scan# 3265  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

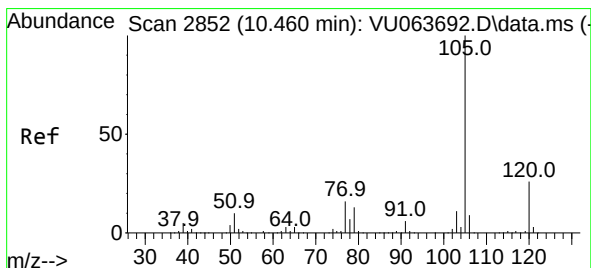
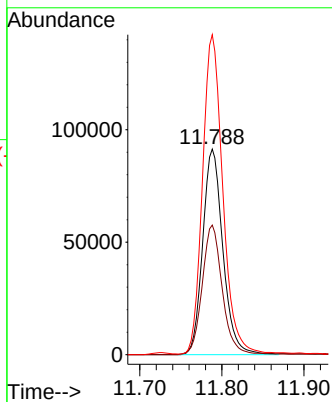
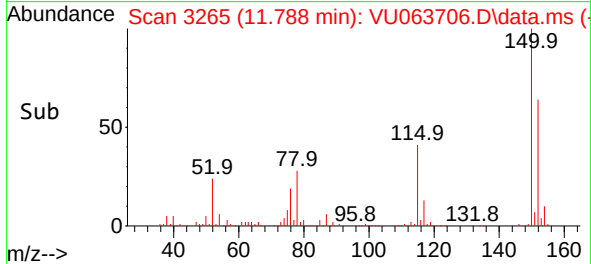
Instrument : MSVOA\_U  
ClientSampleId : LOD-MDL-WATER-01-QT4-2025



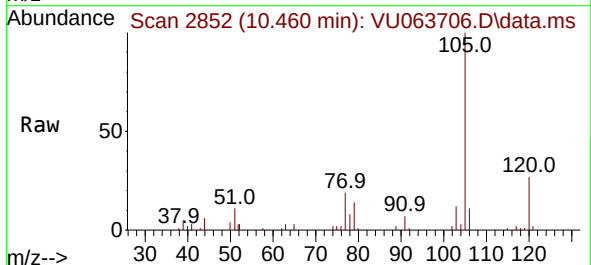
Tgt Ion:152 Resp: 156438  
Ion Ratio Lower Upper  
152 100  
115 62.5 41.0 123.0  
150 155.9 0.0 342.2

Manual Integrations  
APPROVED

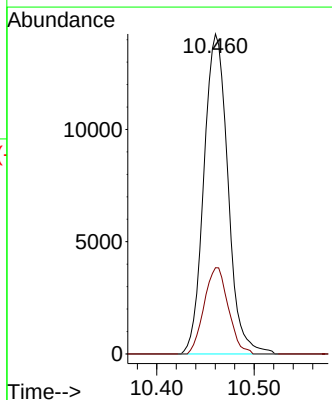
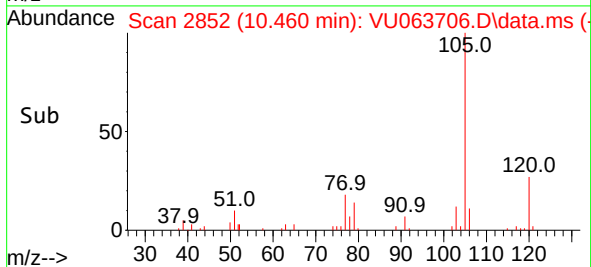
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



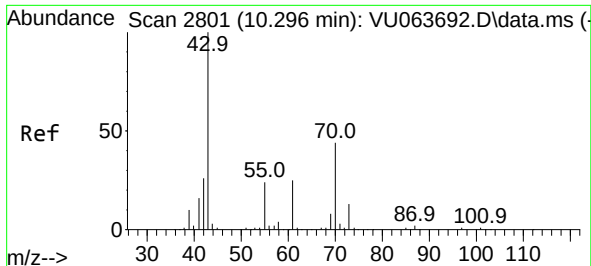
#73  
Isopropylbenzene  
Concen: 2.484 ug/l  
RT: 10.460 min Scan# 2852  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



Tgt Ion:105 Resp: 24411  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.0 38.9

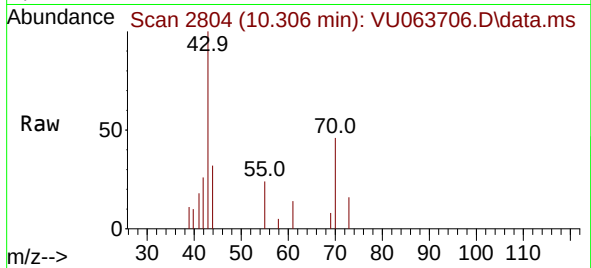






#74  
N-ethyl acetate  
Concen: 1.886 ug/l  
RT: 10.306 min Scan# 2804  
Delta R.T. 0.010 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

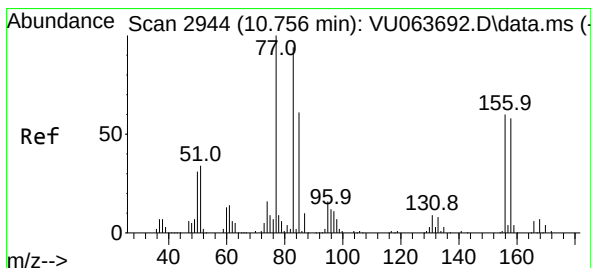
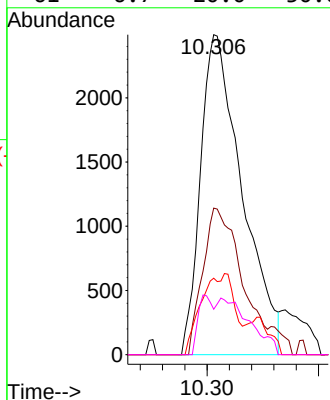
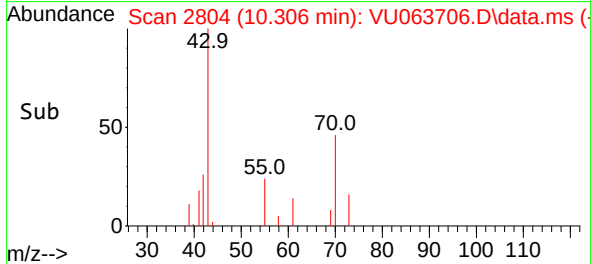
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



Tgt Ion: 43 Resp: 6459  
Ion Ratio Lower Upper  
43 100  
70 45.8 36.5 54.7  
55 11.0 20.6 30.8  
61 6.7 20.0 30.0#

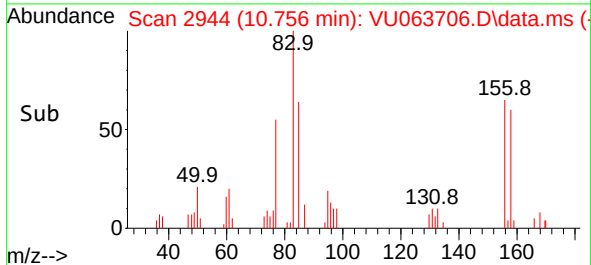
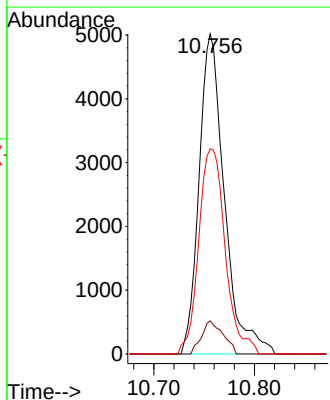
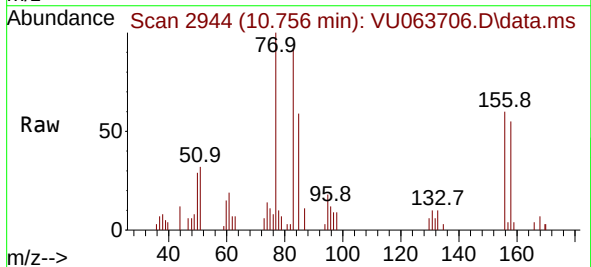
Manual Integrations  
APPROVED

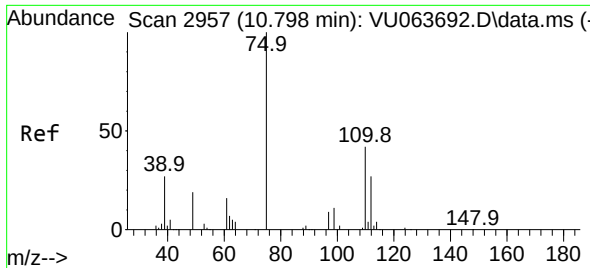
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#75  
1,1,2,2-Tetrachloroethane  
Concen: 2.328 ug/l  
RT: 10.756 min Scan# 2944  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 83 Resp: 8785  
Ion Ratio Lower Upper  
83 100  
131 8.7 4.8 14.4  
85 66.9 31.9 95.7





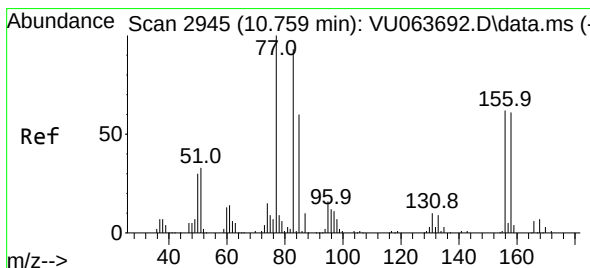
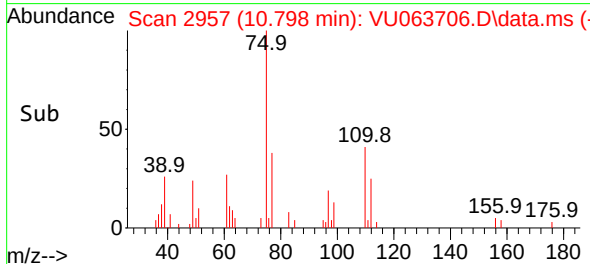
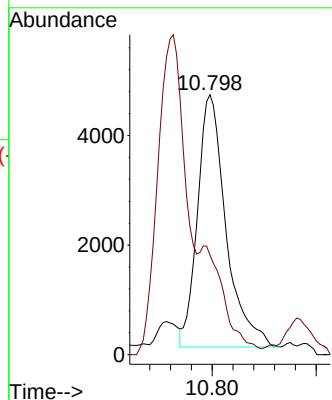
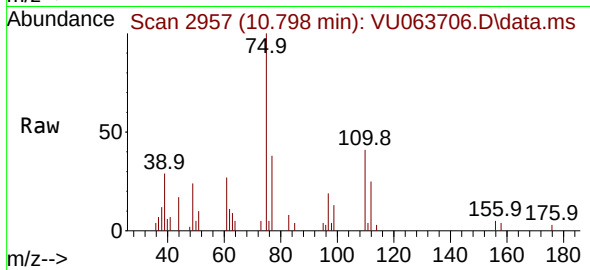
#76  
1,2,3-Trichloropropane  
Concen: 2.222 ug/l  
RT: 10.798 min Scan# 2957  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 75 Resp: 8760  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

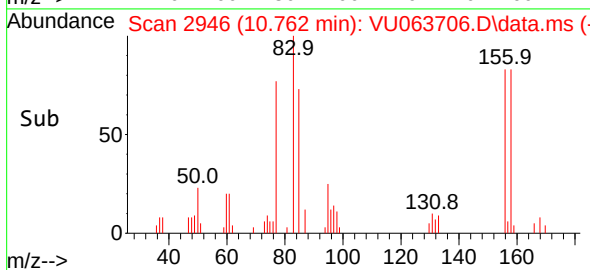
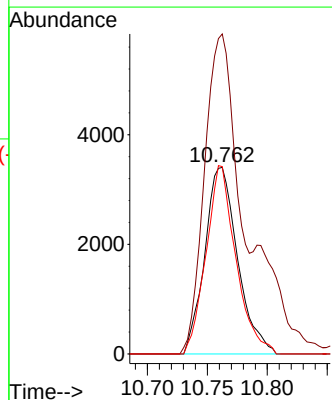
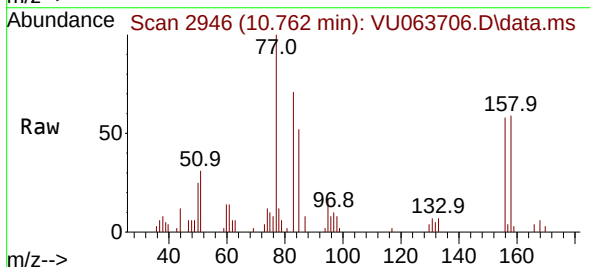
Manual Integrations  
APPROVED

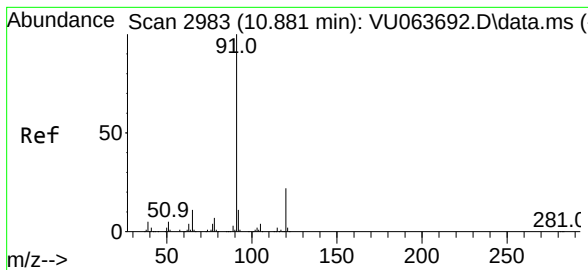
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#77  
Bromobenzene  
Concen: 2.616 ug/l  
RT: 10.762 min Scan# 2946  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:156 Resp: 6469  
Ion Ratio Lower Upper  
156 100  
77 167.8 81.4 244.2  
158 92.1 48.8 146.3





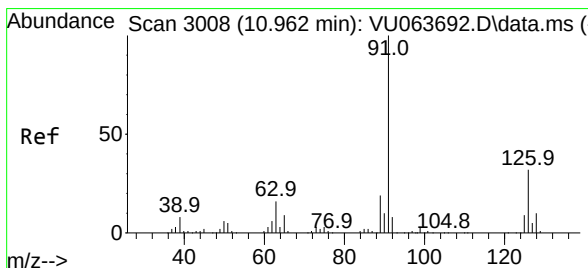
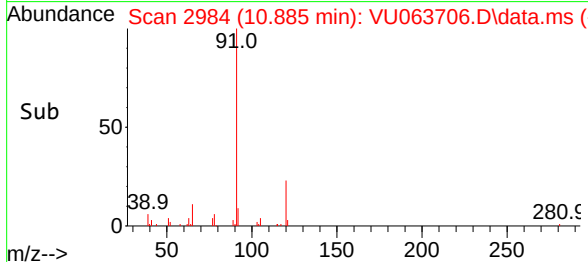
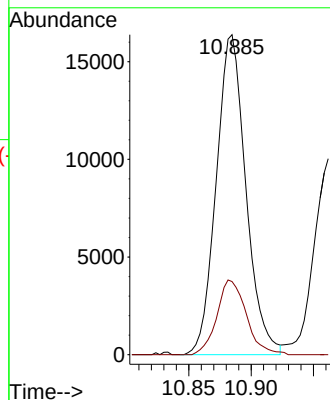
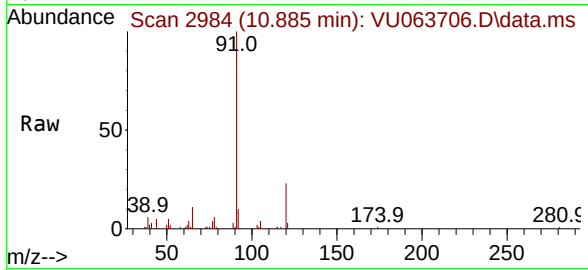
#78  
n-propylbenzene  
Concen: 2.409 ug/l  
RT: 10.885 min Scan# 2983  
Delta R.T. 0.004 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId : LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 27158  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.2 33.6

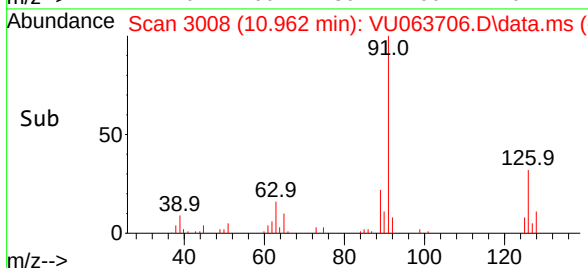
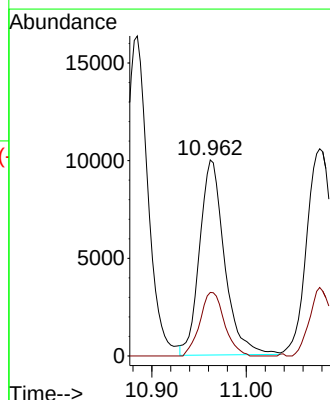
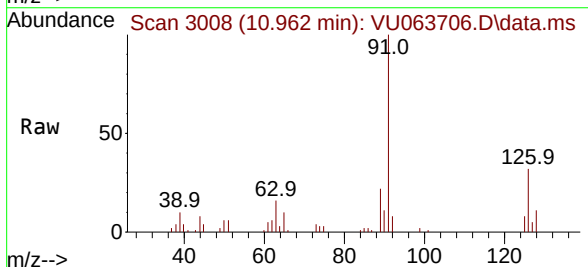
Manual Integrations  
APPROVED

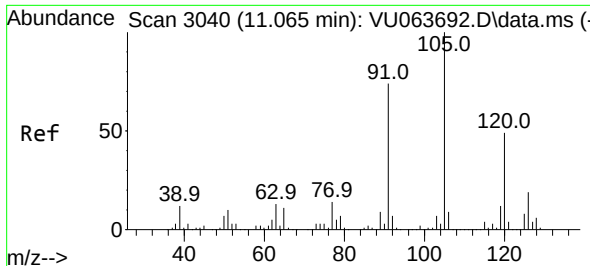
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#79  
2-Chlorotoluene  
Concen: 2.512 ug/l  
RT: 10.962 min Scan# 3008  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 91 Resp: 18307  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.4 49.1





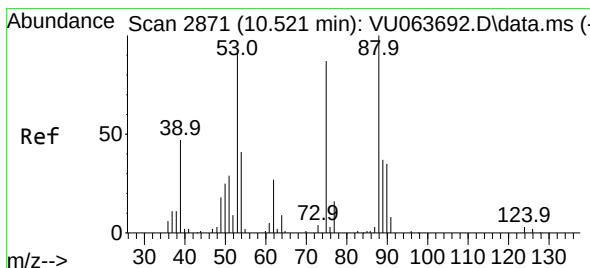
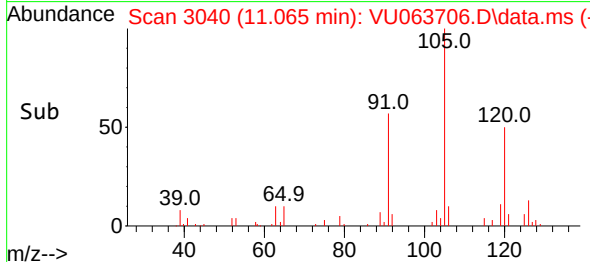
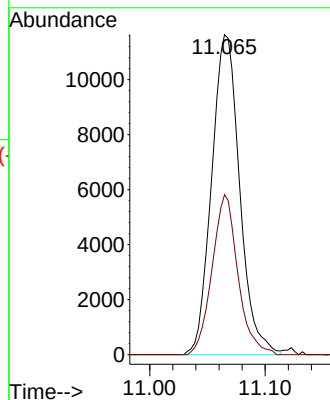
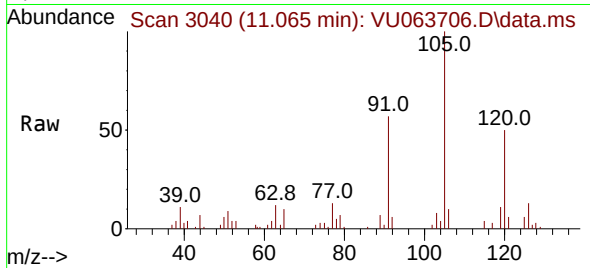
#80  
1,3,5-Trimethylbenzene  
Concen: 2.383 ug/l  
RT: 11.065 min Scan# 3040  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 19640  
Ion Ratio Lower Upper  
105 100  
120 46.1 24.1 72.2

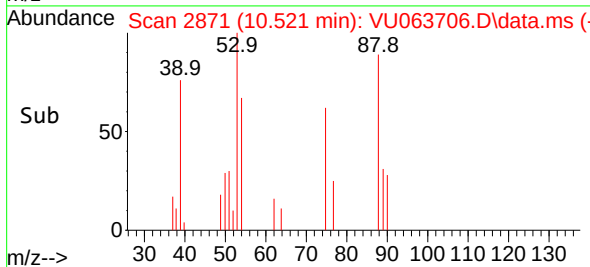
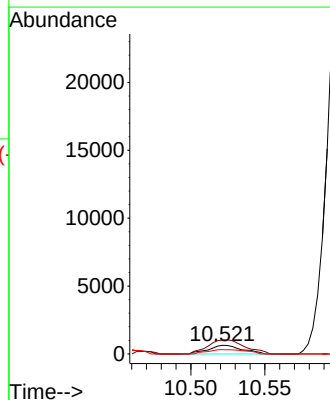
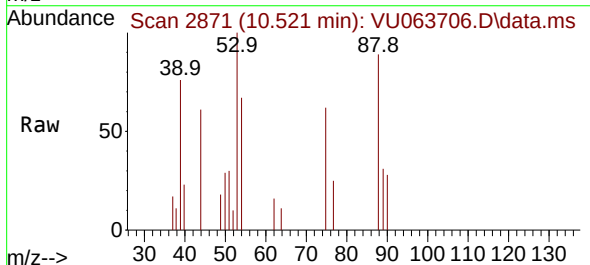
Manual Integrations  
APPROVED

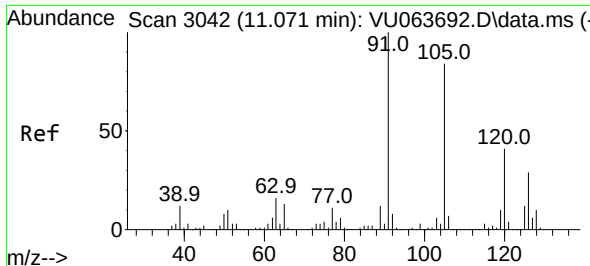
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#81  
trans-1,4-Dichloro-2-butene  
Concen: 1.368 ug/l m  
RT: 10.521 min Scan# 2871  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion: 75 Resp: 1012  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.5 129.7#  
89 0.0 35.2 52.8#





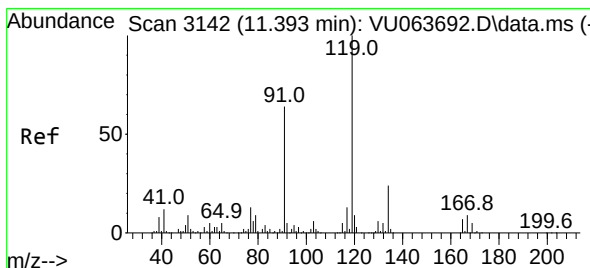
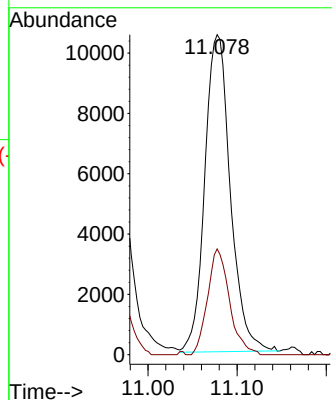
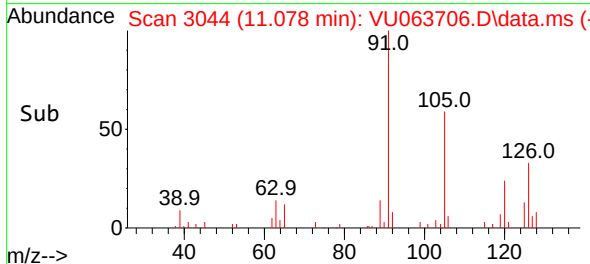
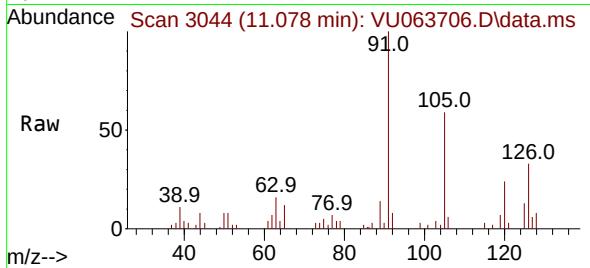
#82  
4-Chlorotoluene  
Concen: 2.531 ug/l  
RT: 11.078 min Scan# 3042  
Delta R.T. 0.007 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion: 91 Resp: 2095  
Ion Ratio Lower Upper  
91 100  
126 28.6 14.2 42.8

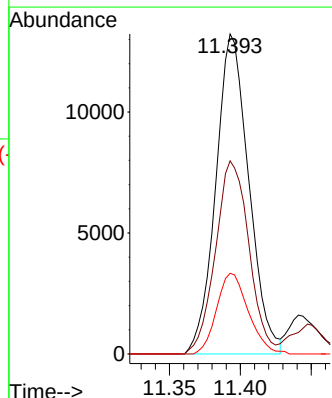
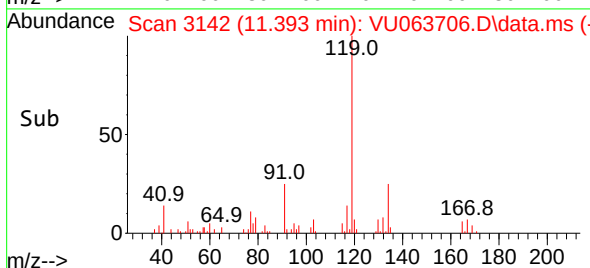
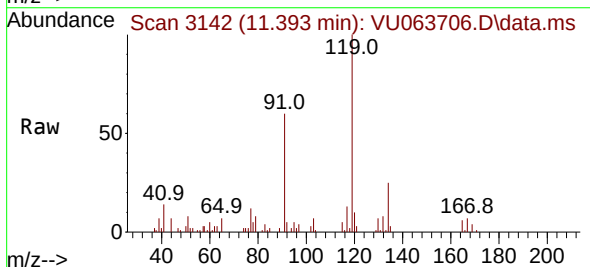
Manual Integrations  
APPROVED

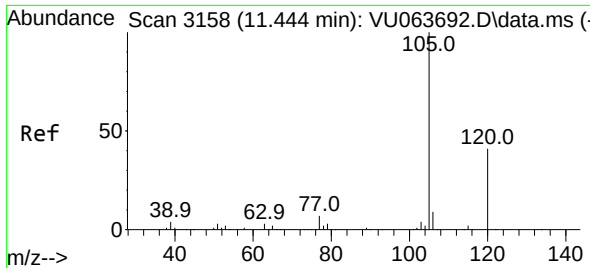
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#83  
tert-Butylbenzene  
Concen: 2.498 ug/l  
RT: 11.393 min Scan# 3142  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:119 Resp: 21442  
Ion Ratio Lower Upper  
119 100  
91 61.1 30.8 92.3  
134 24.2 11.9 35.5





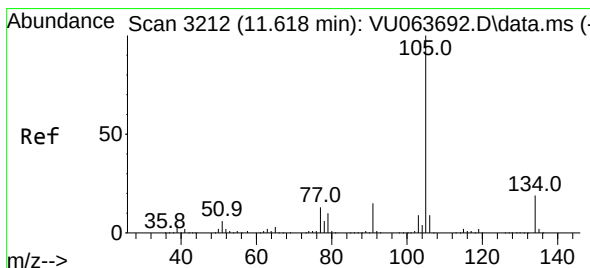
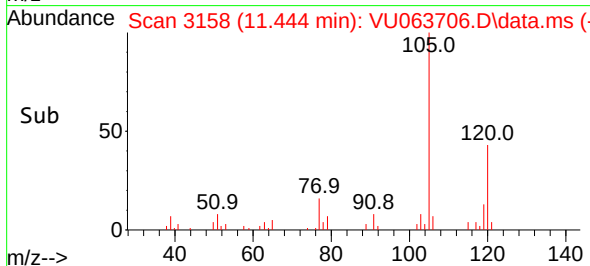
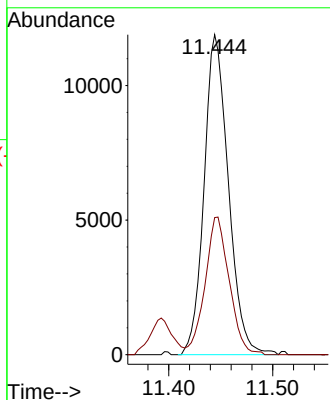
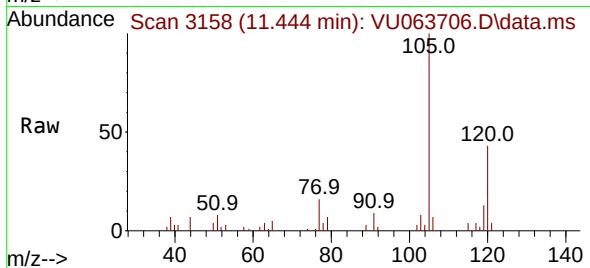
#84  
1,2,4-Trimethylbenzene  
Concen: 2.387 ug/l  
RT: 11.444 min Scan# 3158  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:105 Resp: 19304  
Ion Ratio Lower Upper  
105 100  
120 42.8 22.4 67.3

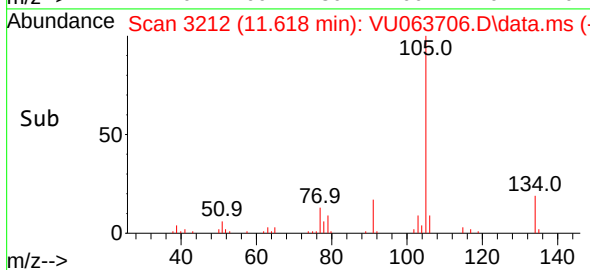
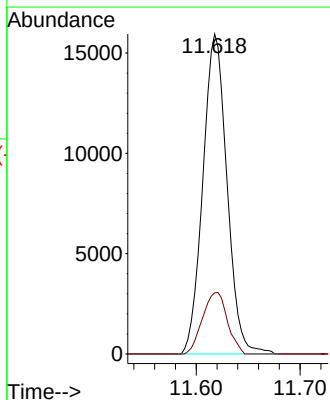
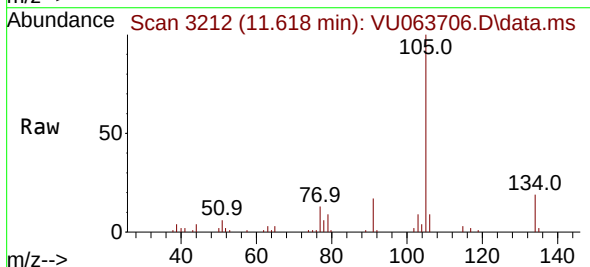
Manual Integrations  
APPROVED

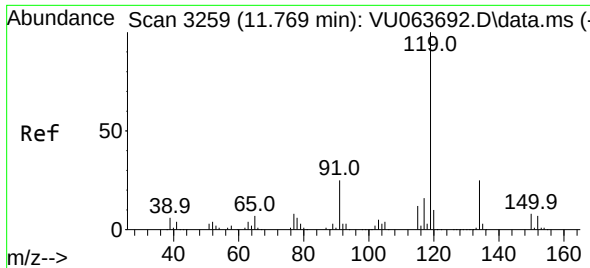
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#85  
sec-Butylbenzene  
Concen: 2.372 ug/l  
RT: 11.618 min Scan# 3212  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Tgt Ion:105 Resp: 25718  
Ion Ratio Lower Upper  
105 100  
134 19.8 9.8 29.4





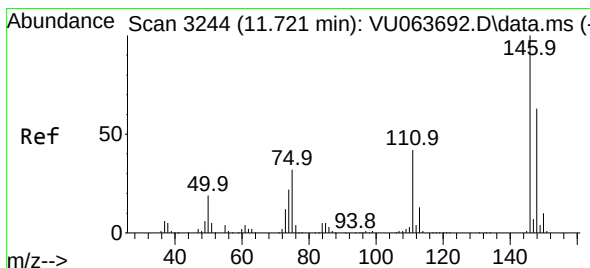
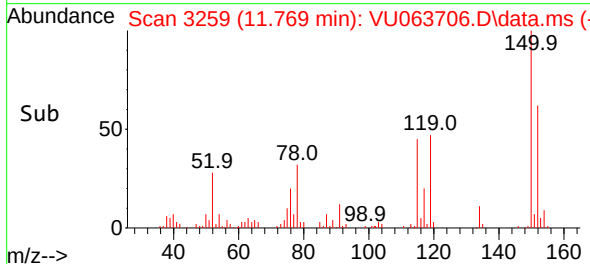
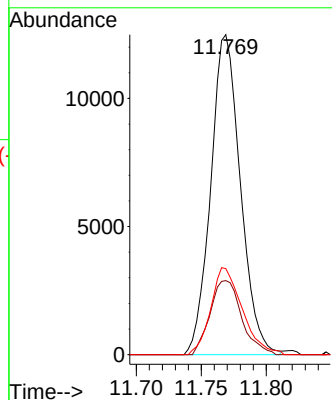
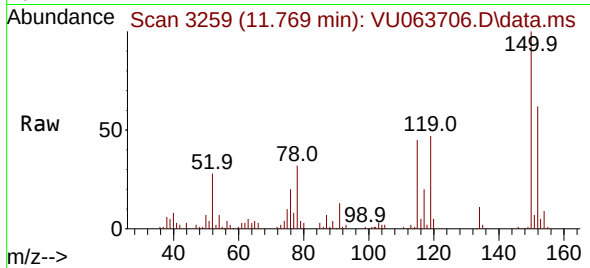
#86  
p-Isopropyltoluene  
Concen: 2.275 ug/l  
RT: 11.769 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:119 Resp: 1980  
Ion Ratio Lower Upper  
119 100  
134 24.7 12.6 37.6  
91 28.9 12.6 37.8

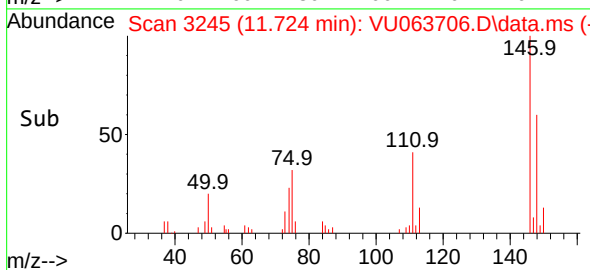
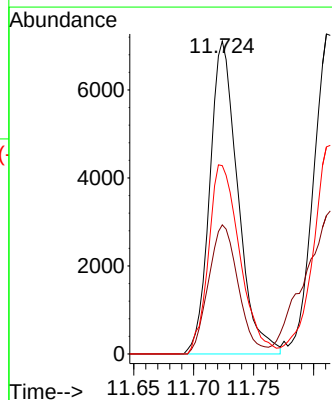
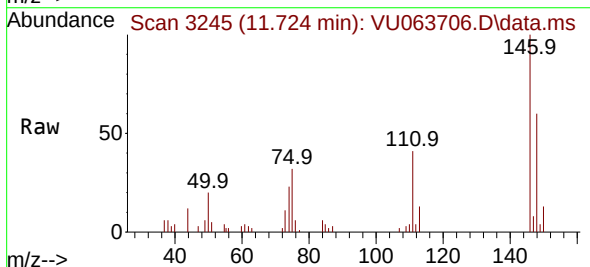
Manual Integrations  
APPROVED

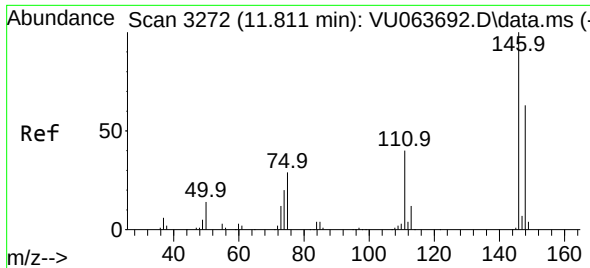
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#87  
1,3-Dichlorobenzene  
Concen: 2.489 ug/l  
RT: 11.724 min Scan# 3245  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

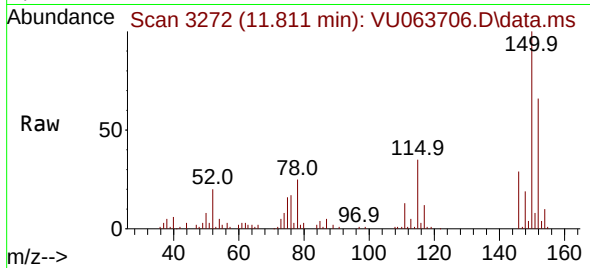
Tgt Ion:146 Resp: 11562  
Ion Ratio Lower Upper  
146 100  
111 43.7 20.6 61.8  
148 67.3 31.8 95.4





#88  
1,4-Dichlorobenzene  
Concen: 2.752 ug/l  
RT: 11.811 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

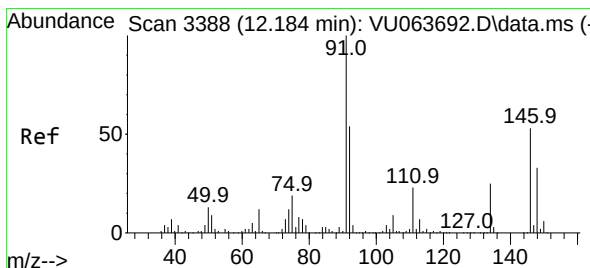
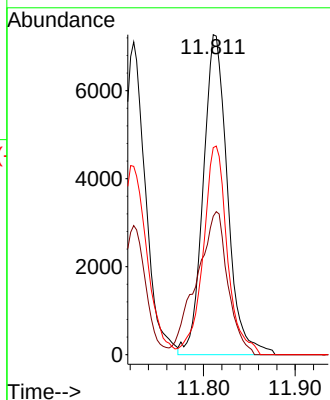
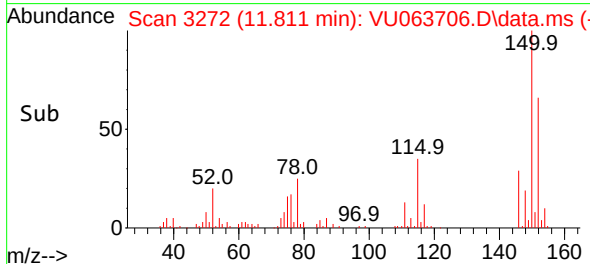
Instrument :  
MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



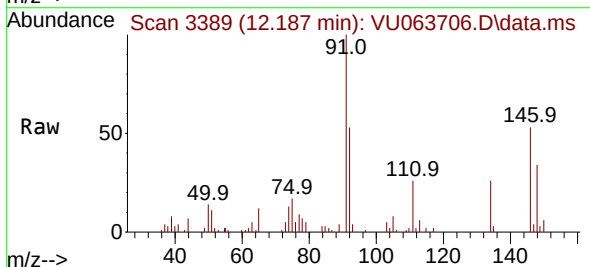
Tgt Ion:146 Resp: 1337  
Ion Ratio Lower Upper  
146 100  
111 57.5 20.4 61.3  
148 65.1 31.4 94.3

Manual Integrations  
APPROVED

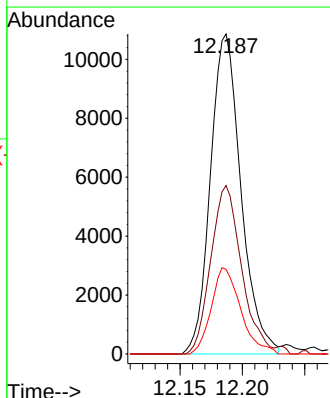
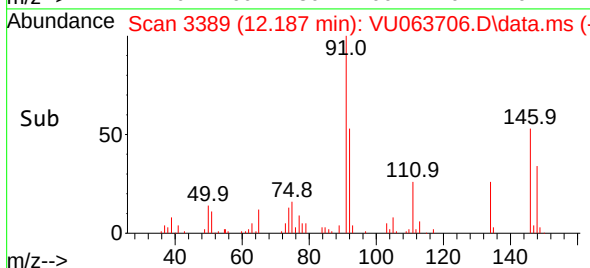
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



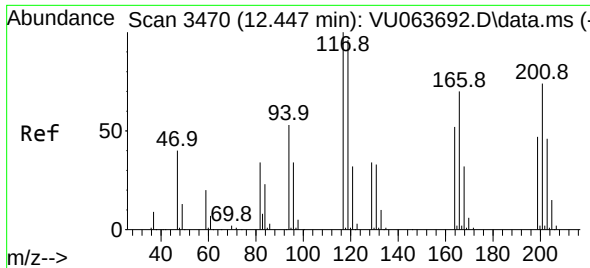
#89  
n-Butylbenzene  
Concen: 2.320 ug/l  
RT: 12.187 min Scan# 3389  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



Tgt Ion: 91 Resp: 18544  
Ion Ratio Lower Upper  
91 100  
92 52.9 27.0 81.0  
134 25.9 12.4 37.4







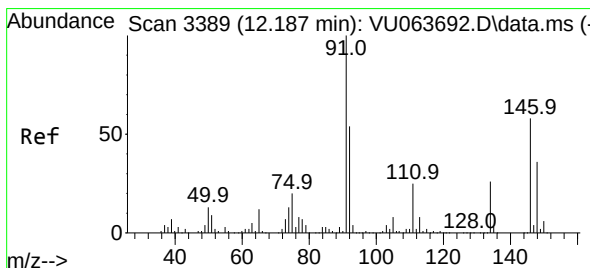
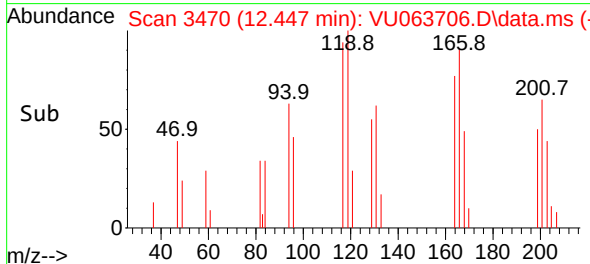
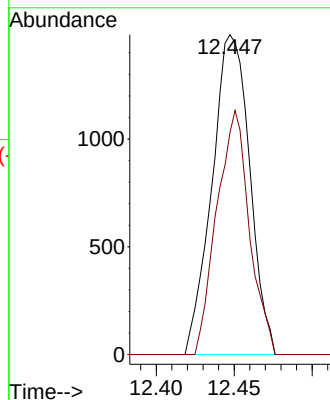
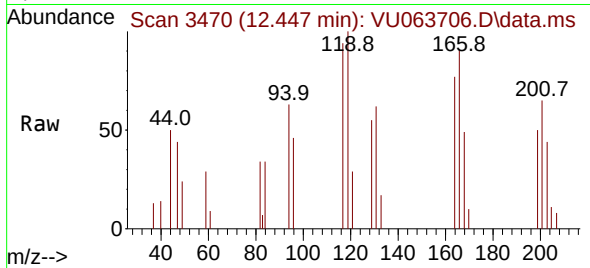
#90  
Hexachloroethane  
Concen: 1.882 ug/l  
RT: 12.447 min Scan# 3470  
Delta R.T. 0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025

Tgt Ion:117 Resp: 2499  
Ion Ratio Lower Upper  
117 100  
201 65.9 36.6 109.8

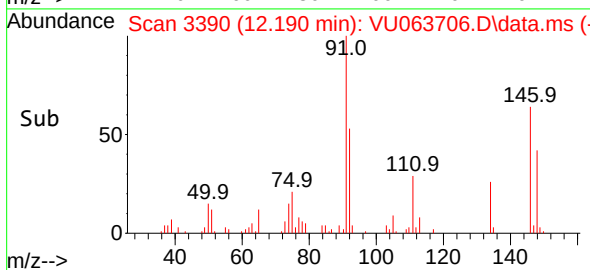
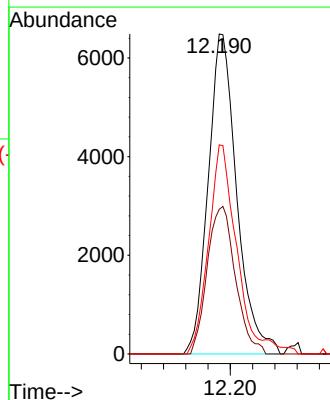
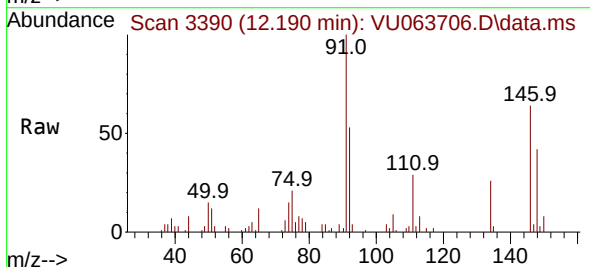
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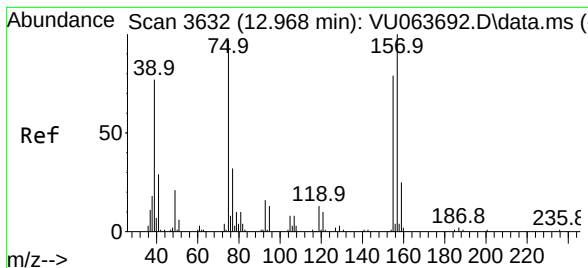
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025



#91  
1,2-Dichlorobenzene  
Concen: 2.492 ug/l  
RT: 12.190 min Scan# 3390  
Delta R.T. 0.003 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

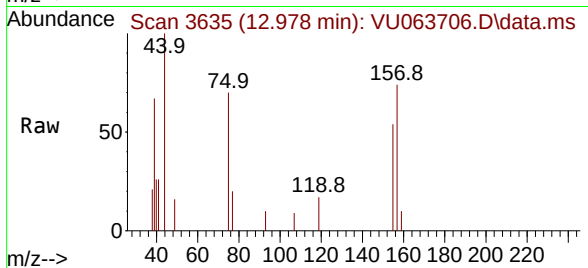
Tgt Ion:146 Resp: 11557  
Ion Ratio Lower Upper  
146 100  
111 45.4 21.8 65.3  
148 64.8 31.6 94.7





#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.852 ug/l  
RT: 12.978 min Scan# 3635  
Delta R.T. 0.010 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

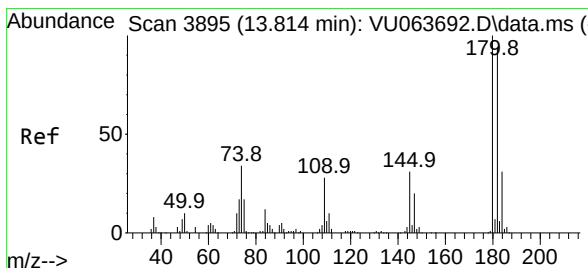
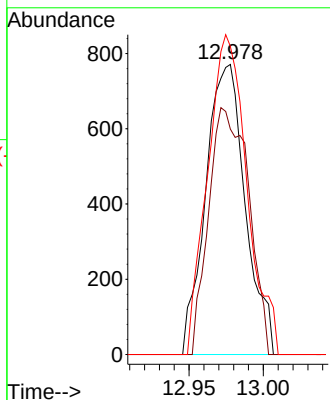
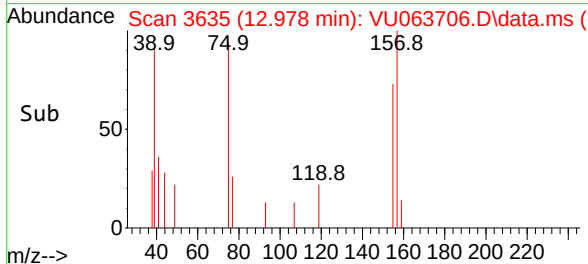
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



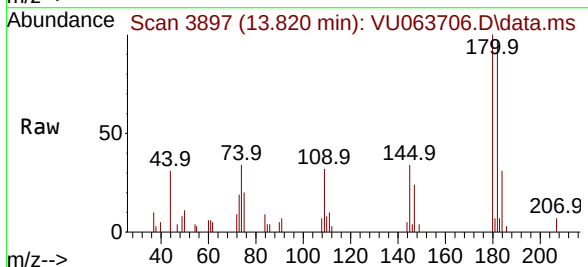
Tgt Ion: 75 Resp: 1432  
Ion Ratio Lower Upper  
75 100  
155 85.8 40.5 121.4  
157 109.6 50.4 151.3

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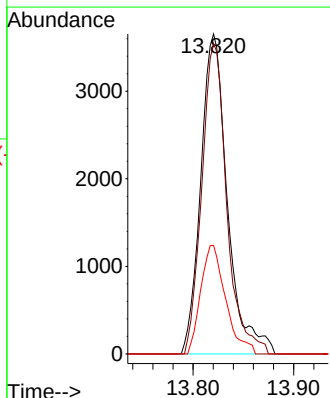
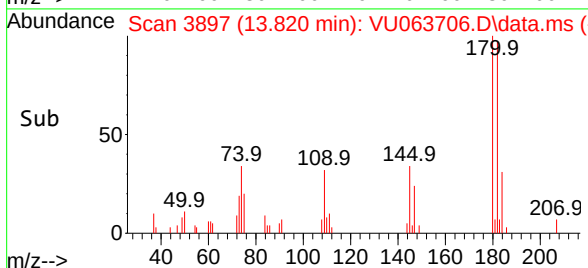
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

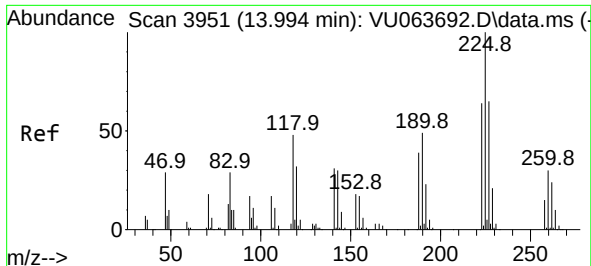


#93  
1,2,4-Trichlorobenzene  
Concen: 2.275 ug/l  
RT: 13.820 min Scan# 3897  
Delta R.T. 0.006 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



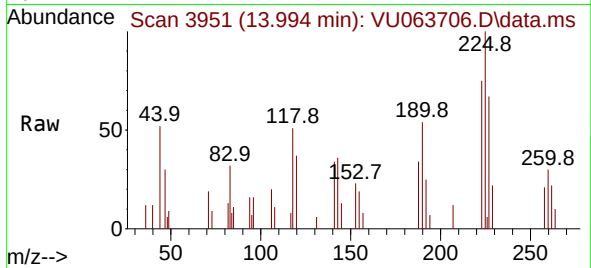
Tgt Ion:180 Resp: 6727  
Ion Ratio Lower Upper  
180 100  
182 90.8 47.6 142.9  
145 31.7 15.9 47.6





#94  
Hexachlorobutadiene  
Concen: 2.221 ug/l  
RT: 13.994 min Scan# 3951  
Delta R.T. -0.000 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19

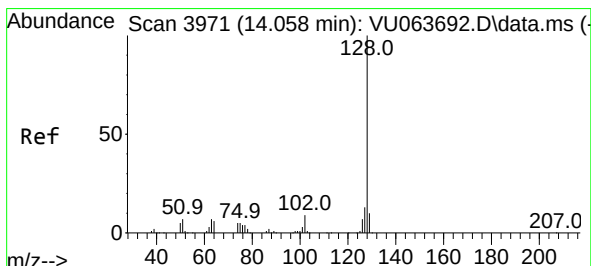
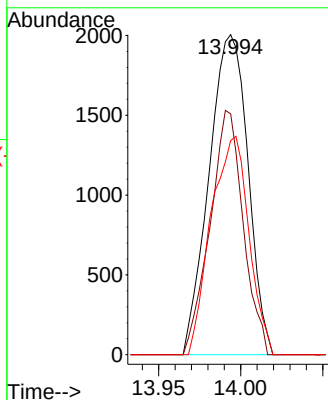
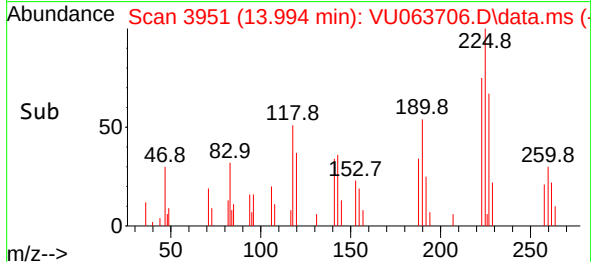
Instrument : MSVOA\_U  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2025



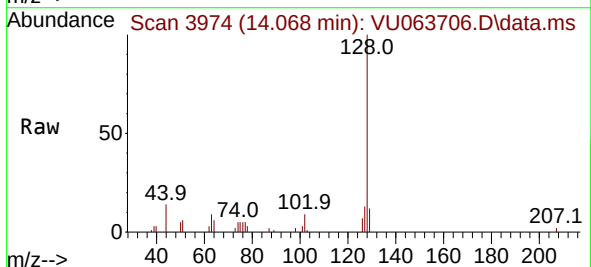
Tgt Ion:225 Resp: 3309  
Ion Ratio Lower Upper  
225 100  
223 65.1 31.6 94.8  
227 66.2 32.4 97.0

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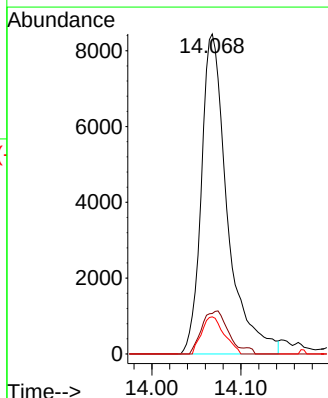
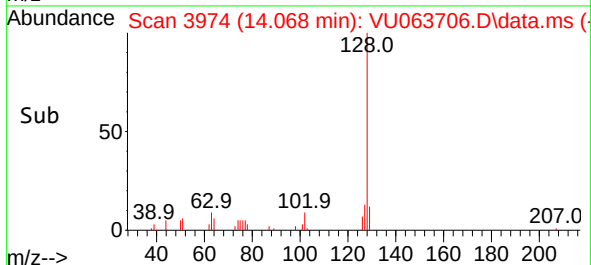
Reviewed By :John Carlone 11/12/2025  
Supervised By :Mahesh Dadoda 11/12/2025

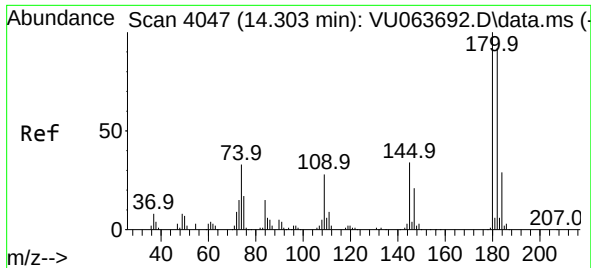


#95  
Naphthalene  
Concen: 2.136 ug/l  
RT: 14.068 min Scan# 3974  
Delta R.T. 0.010 min  
Lab File: VU063706.D  
Acq: 11 Nov 2025 15:19



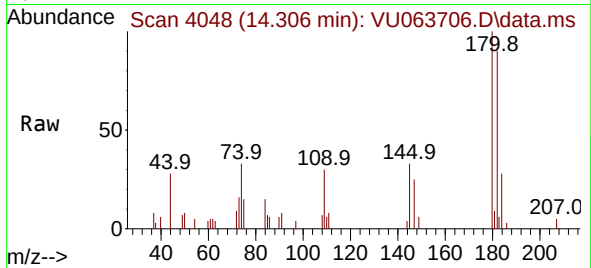
Tgt Ion:128 Resp: 17110  
Ion Ratio Lower Upper  
128 100  
127 13.9 9.9 14.9  
129 10.1 8.4 12.6





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.398 ug/l  
 RT: 14.306 min Scan# 4048  
 Delta R.T. 0.003 min  
 Lab File: VU063706.D  
 Acq: 11 Nov 2025 15:19

Instrument : MSVOA\_U  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025



Tgt Ion:180 Resp: 6594  
 Ion Ratio Lower Upper  
 180 100  
 182 91.4 47.3 142.0  
 145 32.2 16.6 49.7

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