

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081325\  
 Data File : VN087525.D  
 Acq On : 13 Aug 2025 10:57  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 14 03:55:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 17 02:56:13 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 297883   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.088  | 114  | 560249   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 506486   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 261423   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 267380   | 52.900   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 105.800% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 189080   | 48.926   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 97.860%  |      |
| 50) Toluene-d8              | 10.547 | 98    | 674538   | 48.931   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 97.860%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 263490   | 51.735   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 103.460% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 195888  | 61.914  | ug/l   | 97  |
| 3) Chloromethane             | 2.383 | 50  | 185962  | 46.740  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.542 | 62  | 213602  | 54.022  | ug/l   | 92  |
| 5) Bromomethane              | 2.971 | 94  | 117088  | 57.184  | ug/l   | 92  |
| 6) Chloroethane              | 3.136 | 64  | 139750  | 54.196  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 314439  | 53.781  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.965 | 74  | 136962  | 60.389  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 173237  | 57.720  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 122401  | 40.808  | ug/l   | 92  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 274825  | 286.357 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.330 | 96  | 168930  | 49.669  | ug/l   | 99  |
| 13) Acrolein                 | 4.183 | 56  | 215817  | 280.207 | ug/l   | 98  |
| 14) Allyl chloride           | 5.012 | 41  | 324998  | 52.801  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.706 | 53  | 673928  | 258.773 | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 657929  | 277.621 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.700 | 76  | 479745  | 47.578  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.018 | 43  | 349876  | 58.763  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 738183  | 58.885  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.265 | 84  | 207585  | 51.839  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 190605  | 49.703  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.659 | 45  | 754528  | 58.441  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.588 | 43  | 3464754 | 306.836 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 384250  | 51.586  | ug/l   | 99  |
| 25) 2-Butanone               | 7.471 | 43  | 990545  | 270.516 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.477 | 77  | 347122  | 59.940  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 237567  | 53.808  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.800 | 49  | 188052  | 52.751  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.830 | 42  | 650285  | 273.374 | ug/l   | 99  |
| 30) Chloroform               | 7.953 | 83  | 407119  | 54.606  | ug/l   | 99  |
| 31) Cyclohexane              | 8.241 | 56  | 338060  | 54.405  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 8.153 | 97  | 350752  | 54.317  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 269096  | 52.704  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.553 | 43  | 382507  | 51.872  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.347 | 117 | 290669  | 51.679  | ug/l   | 93  |
| 39) Methylcyclohexane        | 9.582 | 83  | 330567  | 59.801  | ug/l   | 97  |
| 40) Benzene                  | 8.588 | 78  | 839732  | 50.887  | ug/l   | 97  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 14 03:55:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 17 02:56:13 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 217375   | 56.377   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 334446   | 53.444   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.677  | 43   | 642790   | 56.154   | ug/l   | 98       |
| 44) Trichloroethene           | 9.335  | 130  | 191822   | 49.195   | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.606  | 63   | 215179   | 51.319   | ug/l   | 95       |
| 46) Dibromomethane            | 9.694  | 93   | 163459   | 52.067   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.871  | 83   | 337184   | 53.322   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.665  | 41   | 313471   | 60.829   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 86769    | 1099.339 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.429 | 43   | 1970484  | 272.168  | ug/l   | 98       |
| 52) Toluene                   | 10.612 | 92   | 523201   | 52.162   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 363863   | 56.856   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 368848   | 55.797   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane     | 11.000 | 97   | 212009   | 52.209   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.859 | 69   | 371269   | 54.181   | ug/l # | 93       |
| 57) 1,3-Dichloropropane       | 11.147 | 76   | 369791   | 52.670   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 1026550  | 308.170  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.176 | 43   | 1351630  | 281.390  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.341 | 129  | 246950   | 53.325   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.453 | 107  | 225893   | 52.906   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.082 | 164  | 155159   | 47.598   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.870 | 112  | 578310   | 50.858   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 201612   | 52.143   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.947 | 91   | 1026282  | 54.824   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.053 | 106  | 764924   | 109.123  | ug/l   | 93       |
| 69) o-Xylene                  | 12.376 | 106  | 372969   | 55.701   | ug/l   | 93       |
| 70) Styrene                   | 12.394 | 104  | 647435   | 57.479   | ug/l   | 98       |
| 71) Bromoform                 | 12.559 | 173  | 161255   | 51.623   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.676 | 105  | 976275   | 59.336   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.506 | 43   | 317125   | 46.390   | ug/l # | 81       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 337465   | 54.508   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.976 | 75   | 451633   | 77.042   | ug/l   | 54       |
| 77) Bromobenzene              | 12.959 | 156  | 227618   | 53.342   | ug/l   | 94       |
| 78) n-propylbenzene           | 13.017 | 91   | 1231036  | 59.467   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 725577   | 57.031   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 838061   | 59.782   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 110240   | 51.454   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 748122   | 56.480   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 715212   | 61.085   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 860772   | 60.126   | ug/l   | 94       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 1066866  | 60.493   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 877004   | 62.051   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 440423   | 52.590   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.794 | 146  | 445992   | 49.863   | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.035 | 91   | 885464   | 65.611   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.311 | 117  | 167399   | 55.901   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.088 | 146  | 429970   | 54.195   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 81622    | 50.215   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 261731   | 56.161   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 99026    | 57.185   | ug/l   | 99       |
| 95) Naphthalene               | 15.617 | 128  | 964411   | 58.414   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.817 | 180  | 245014   | 52.411   | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

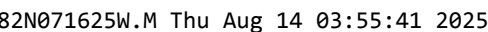
Instrument :  
MSVOA\_N  
ClientSampleId :

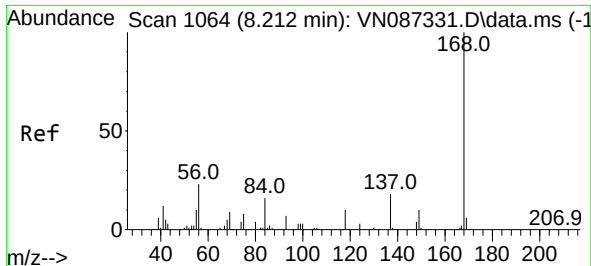
Quant Time: Aug 14 03:55:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N071625W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 17 02:56:13 2025  
Response via : Initial Calibration

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

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

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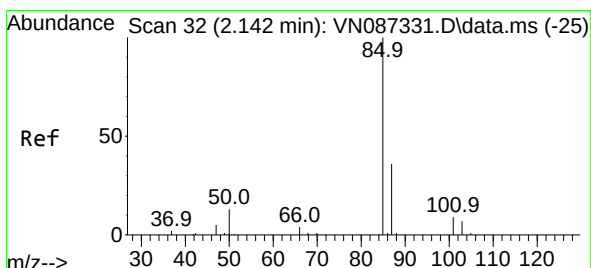
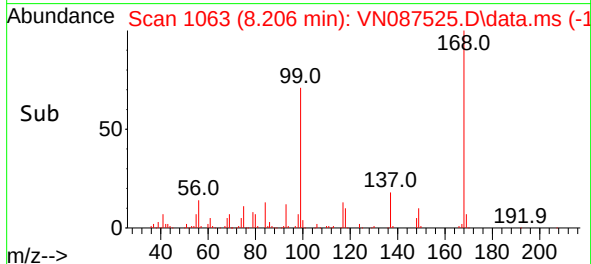
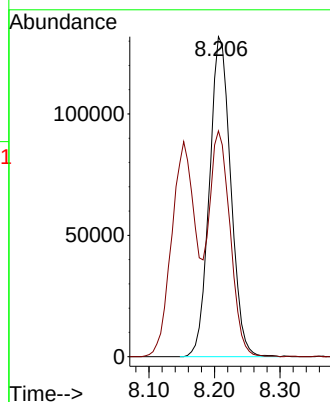
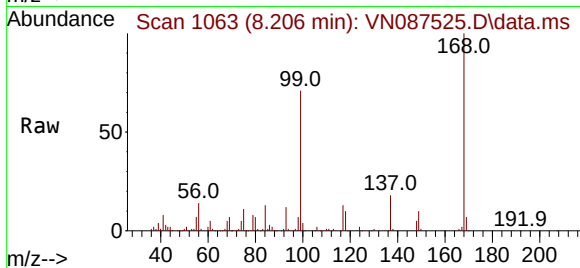




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

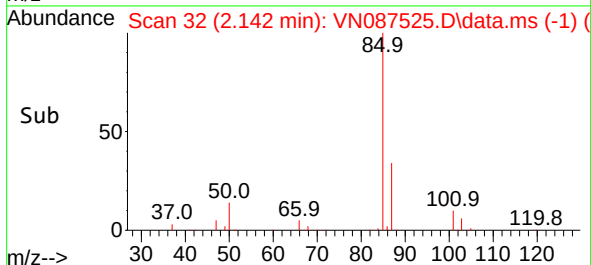
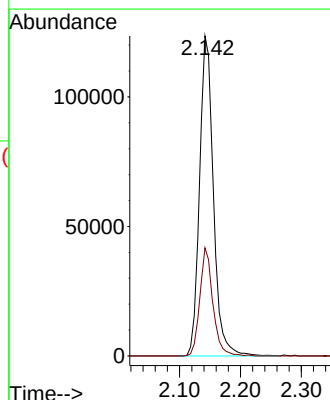
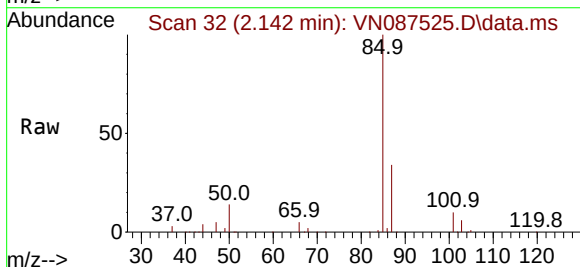
Instrument :  
MSVOA\_N  
ClientSampleId :

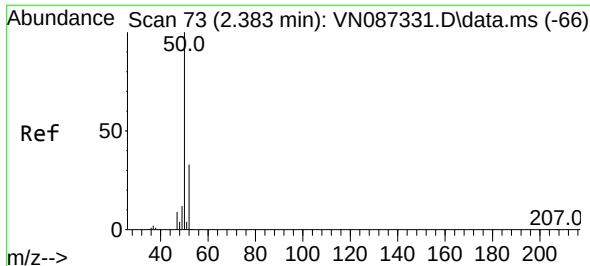
Tgt Ion:168 Resp: 297883  
Ion Ratio Lower Upper  
168 100  
99 70.6 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 61.914 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 85 Resp: 195888  
Ion Ratio Lower Upper  
85 100  
87 33.8 17.8 53.3

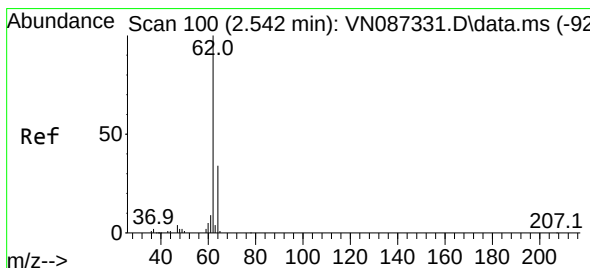
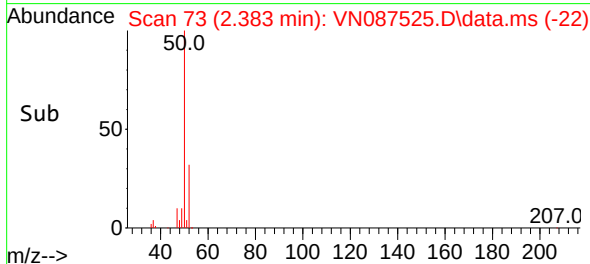
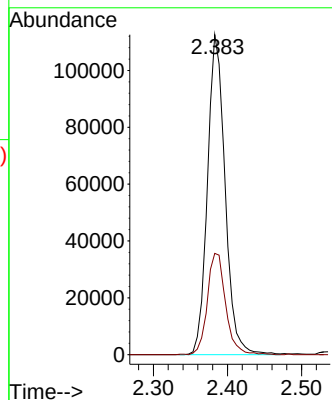
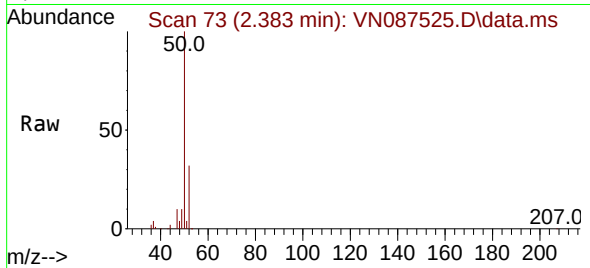




#3  
Chloromethane  
Concen: 46.740 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

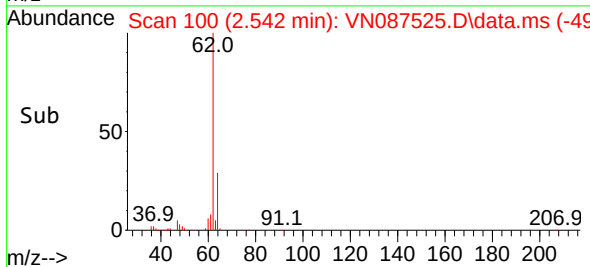
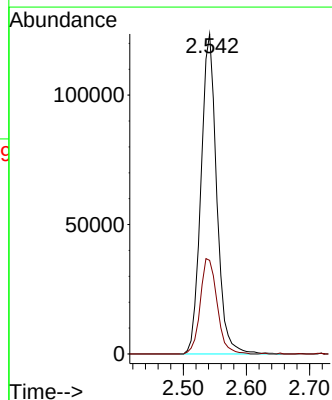
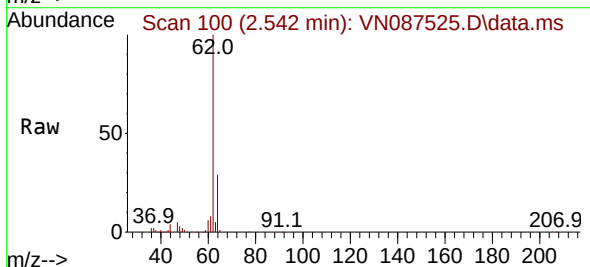
Instrument :  
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ClientSampleId :

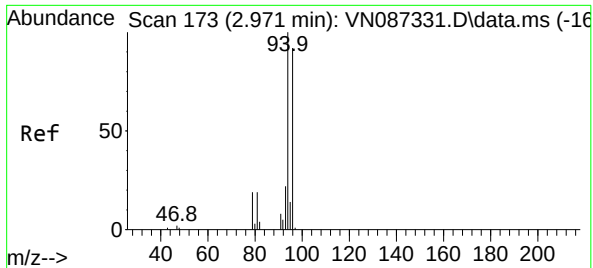
Tgt Ion: 50 Resp: 185962  
Ion Ratio Lower Upper  
50 100  
52 31.7 26.3 39.5



#4  
Vinyl Chloride  
Concen: 54.022 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 62 Resp: 213602  
Ion Ratio Lower Upper  
62 100  
64 29.2 27.0 40.6

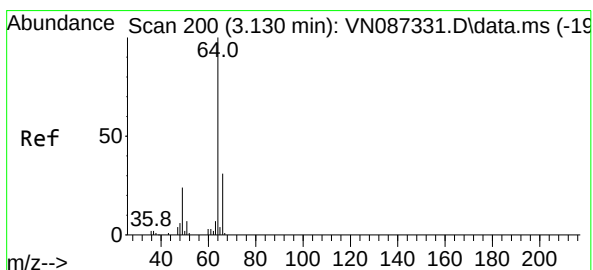
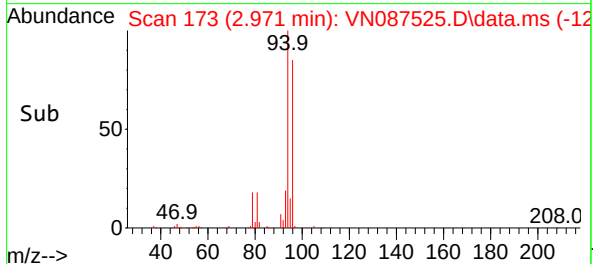
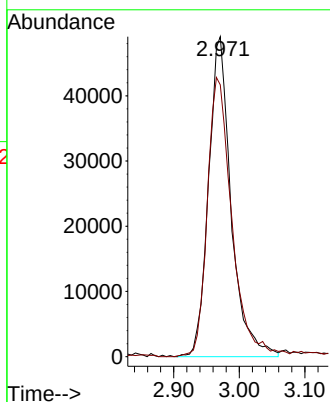
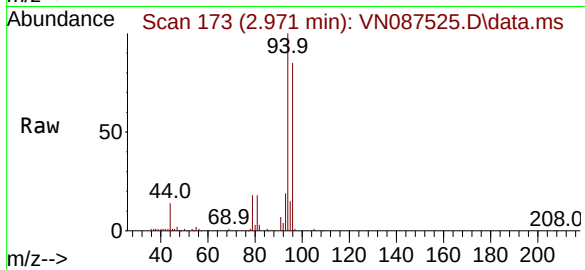




#5  
Bromomethane  
Concen: 57.184 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

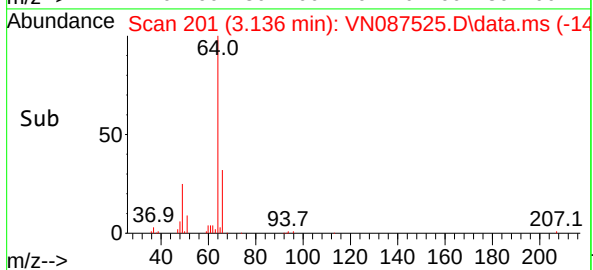
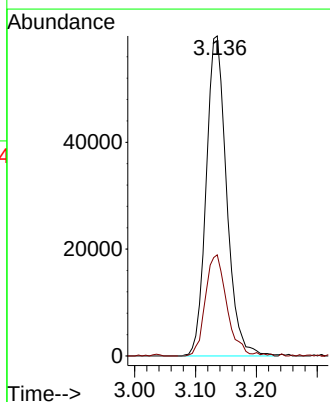
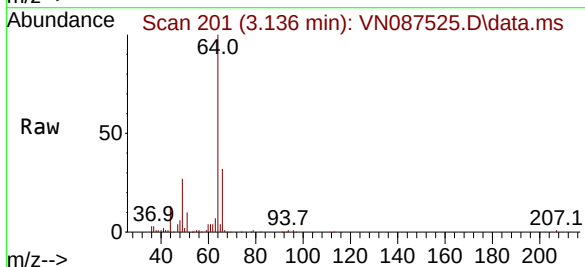
Instrument :  
MSVOA\_N  
ClientSampleId :

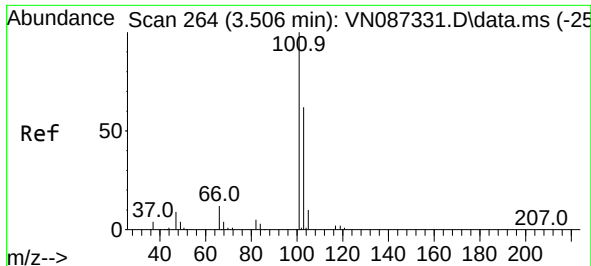
Tgt Ion: 94 Resp: 117088  
Ion Ratio Lower Upper  
94 100  
96 84.6 73.4 110.2



#6  
Chloroethane  
Concen: 54.196 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 64 Resp: 139750  
Ion Ratio Lower Upper  
64 100  
66 31.6 24.6 36.8

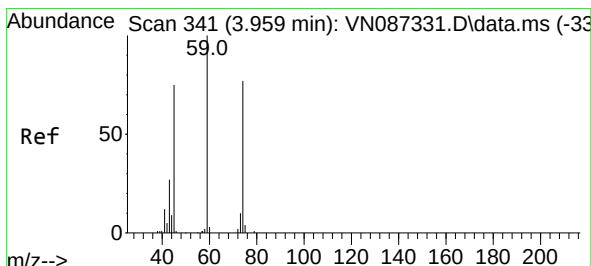
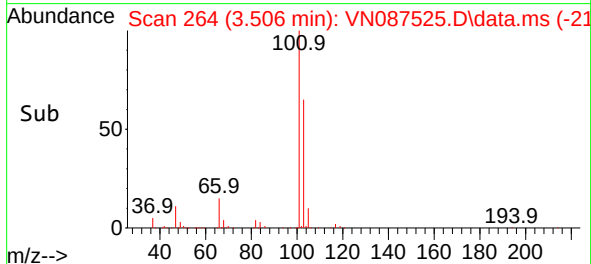
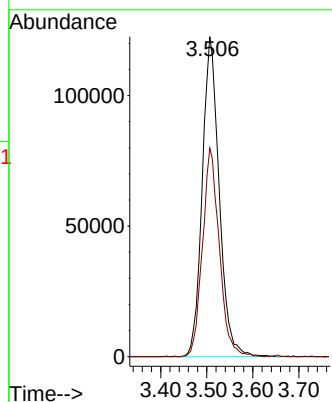
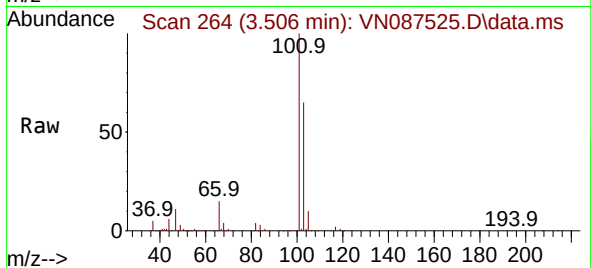




#7  
 Trichlorofluoromethane  
 Concen: 53.781 ug/l  
 RT: 3.506 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

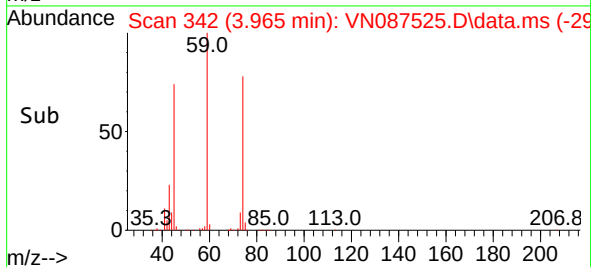
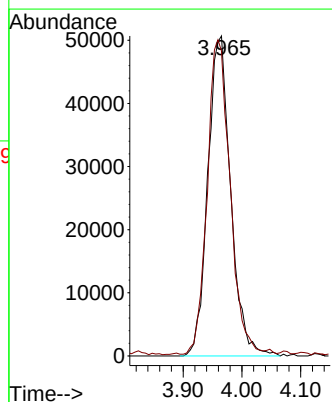
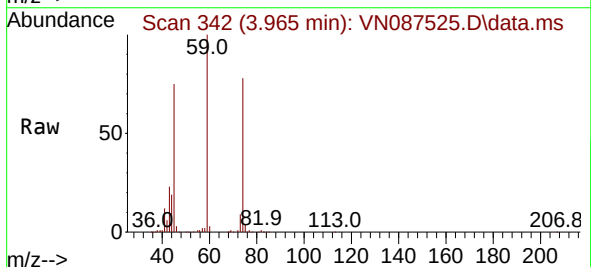
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 314439  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 49.8 74.6

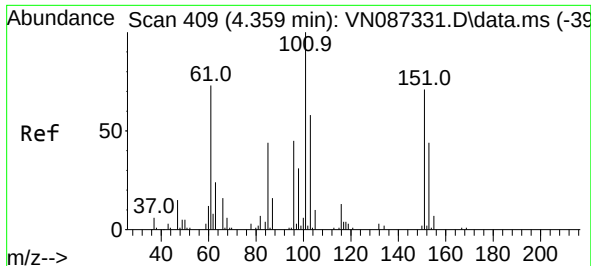


#8  
 Diethyl Ether  
 Concen: 60.389 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

Tgt Ion: 74 Resp: 136962  
 Ion Ratio Lower Upper  
 74 100  
 45 98.2 50.8 152.5



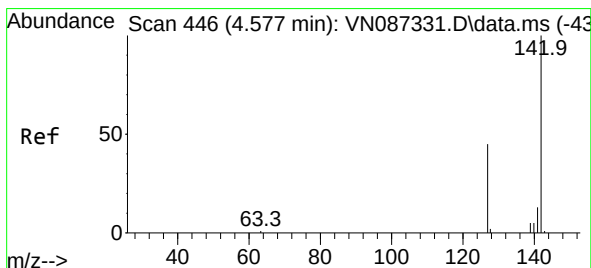
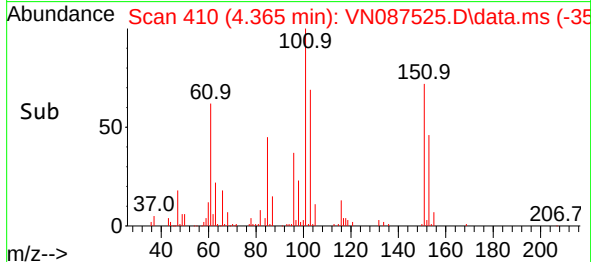
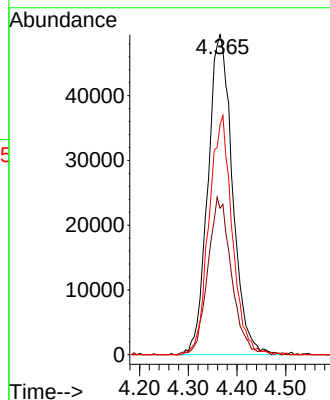
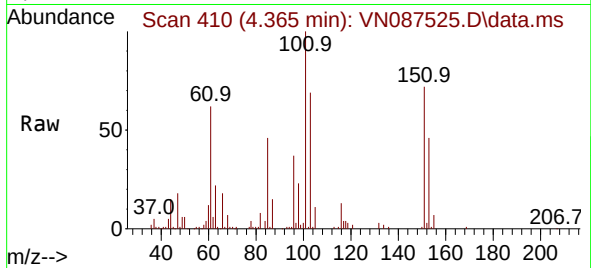




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 57.720 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

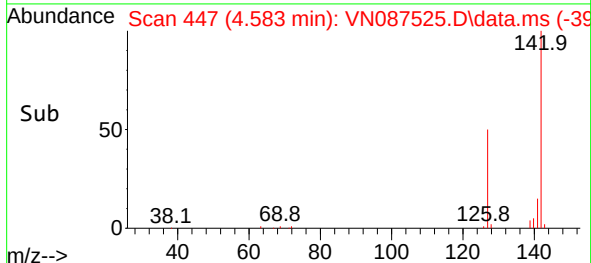
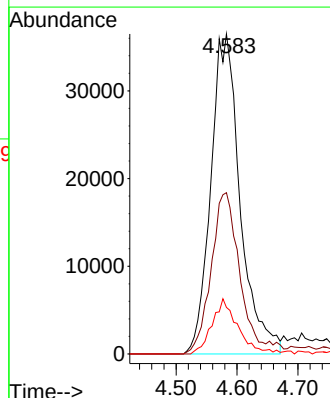
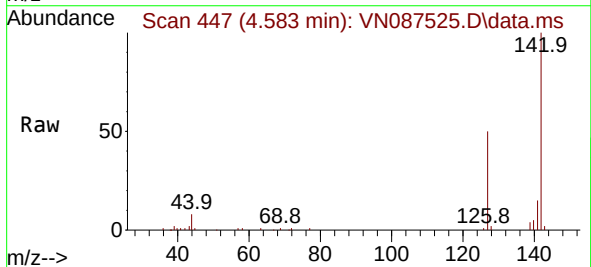
Instrument :  
MSVOA\_N  
ClientSampleId :

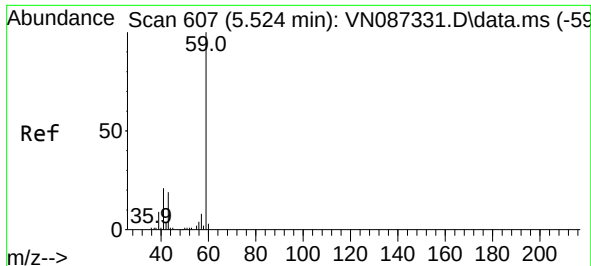
Tgt Ion:101 Resp: 173237  
Ion Ratio Lower Upper  
101 100  
85 47.0 37.3 55.9  
151 70.7 58.9 88.3



#10  
Methyl Iodide  
Concen: 40.808 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

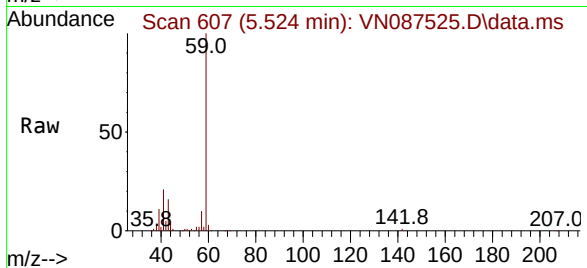
Tgt Ion:142 Resp: 122401  
Ion Ratio Lower Upper  
142 100  
127 50.4 35.7 53.5  
141 14.6 10.4 15.6



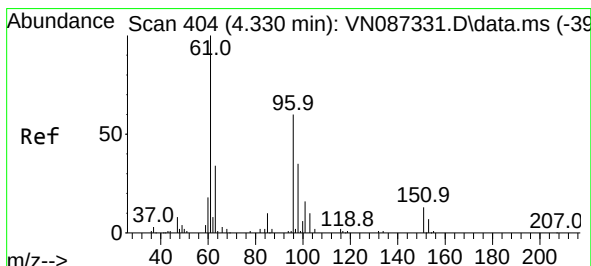
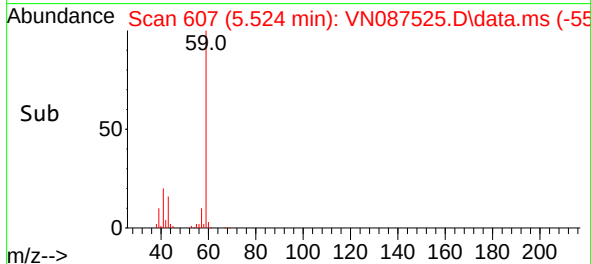
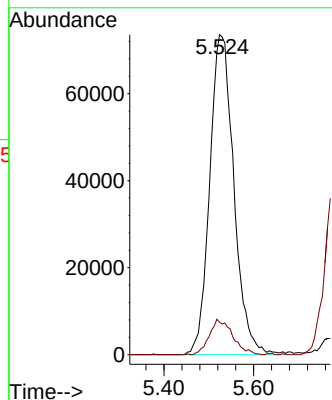


#11  
Tert butyl alcohol  
Concen: 286.357 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

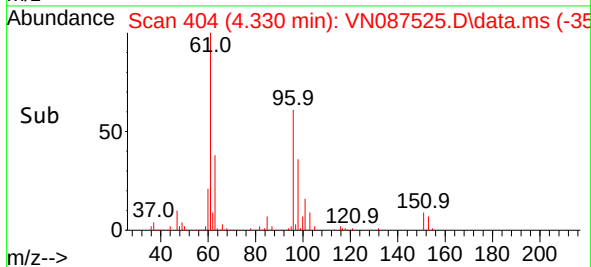
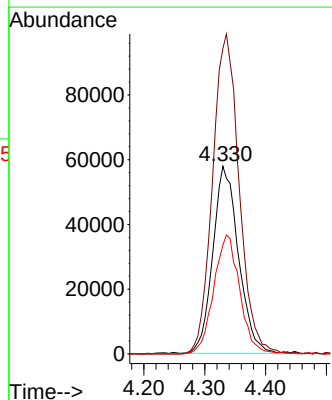
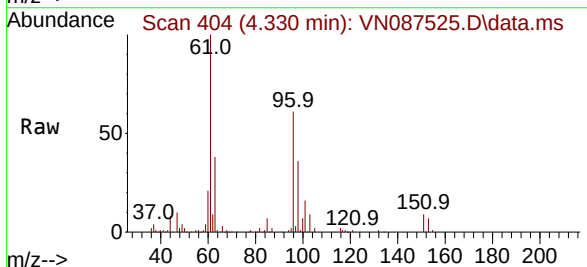


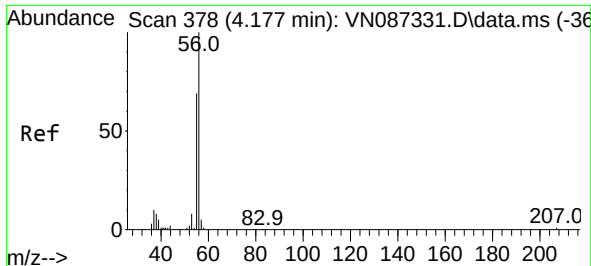
Tgt Ion: 59 Resp: 274825  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 49.669 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 96 Resp: 168930  
Ion Ratio Lower Upper  
96 100  
61 163.3 132.3 198.5  
98 58.3 46.8 70.2

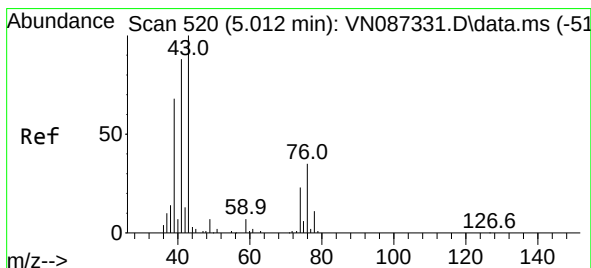
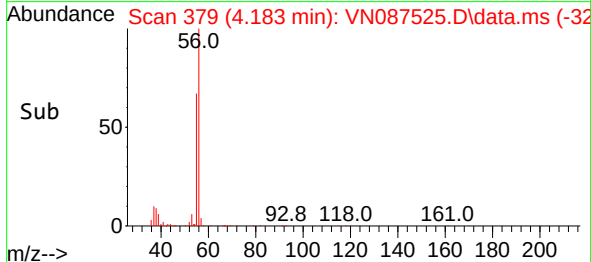
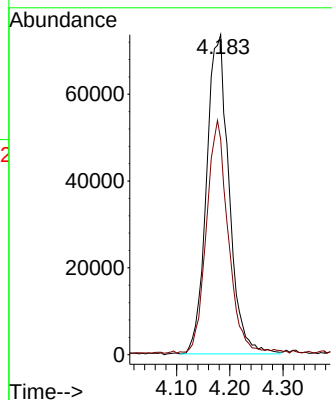
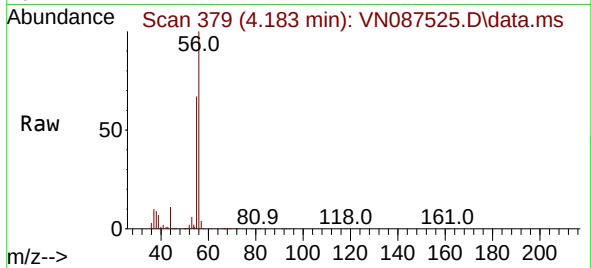




#13  
Acrolein  
Concen: 280.207 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

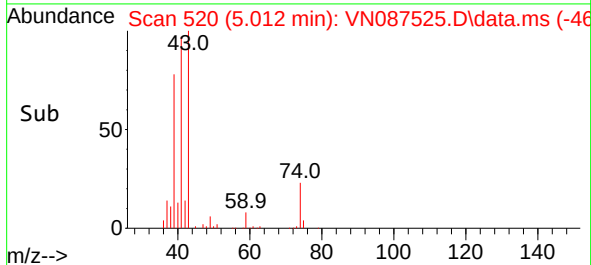
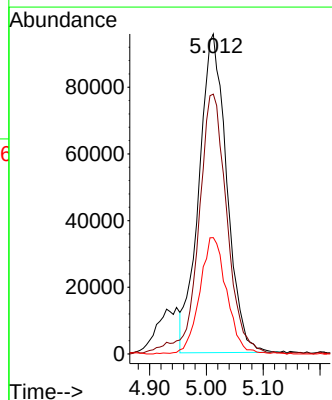
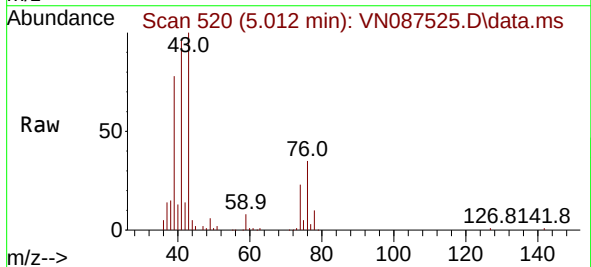
Instrument :  
MSVOA\_N  
ClientSampleId :

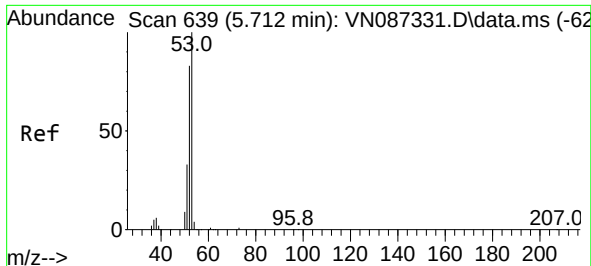
Tgt Ion: 56 Resp: 215817  
Ion Ratio Lower Upper  
56 100  
55 69.0 56.2 84.4



#14  
Allyl chloride  
Concen: 52.801 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

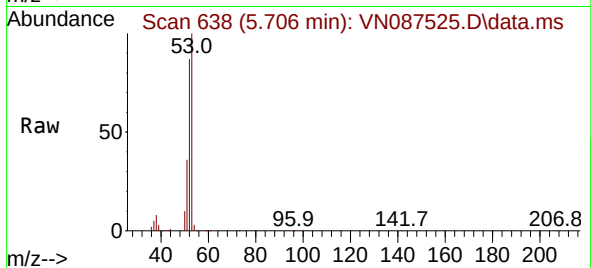
Tgt Ion: 41 Resp: 324998  
Ion Ratio Lower Upper  
41 100  
39 81.8 59.0 88.6  
76 35.5 28.7 43.1



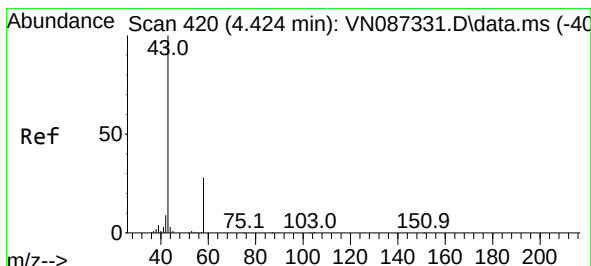
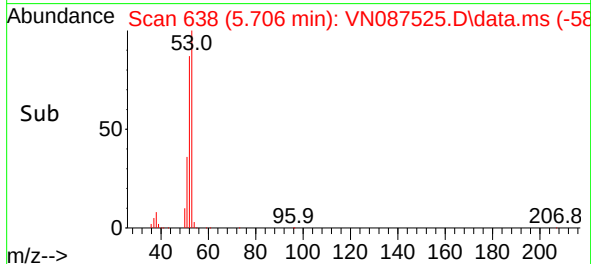
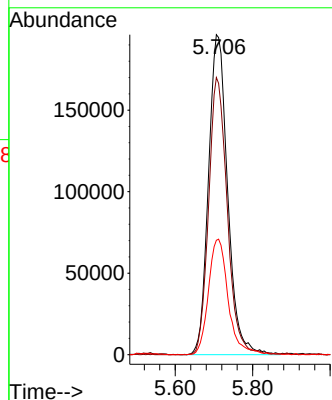


#15  
Acrylonitrile  
Concen: 258.773 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

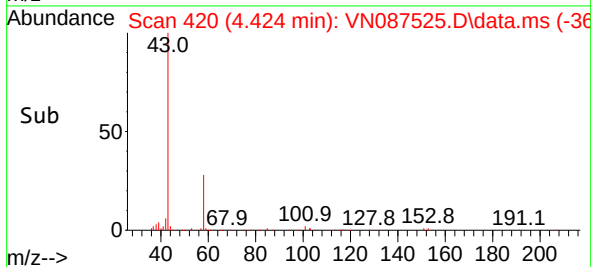
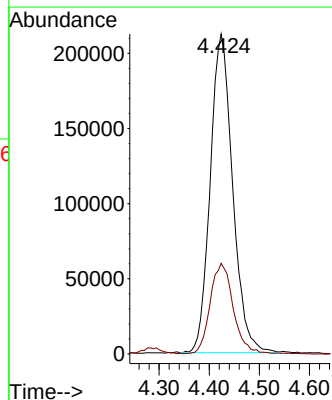
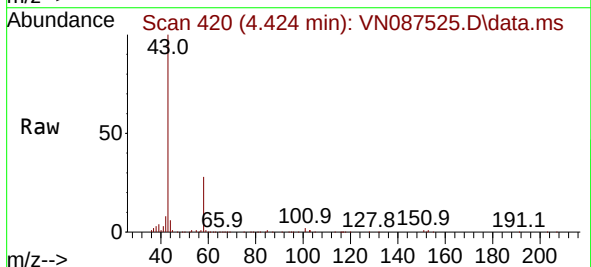


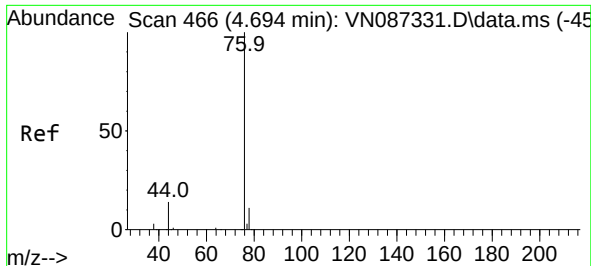
Tgt Ion: 53 Resp: 673928  
Ion Ratio Lower Upper  
53 100  
52 84.5 65.5 98.3  
51 37.4 28.7 43.1



#16  
Acetone  
Concen: 277.621 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 657929  
Ion Ratio Lower Upper  
43 100  
58 28.2 22.3 33.5

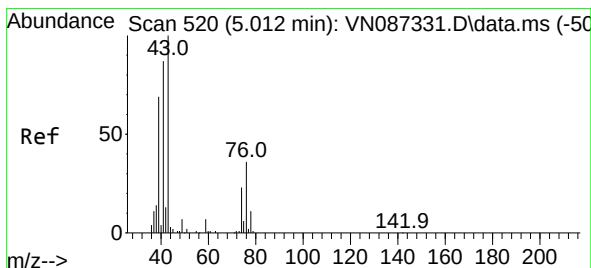
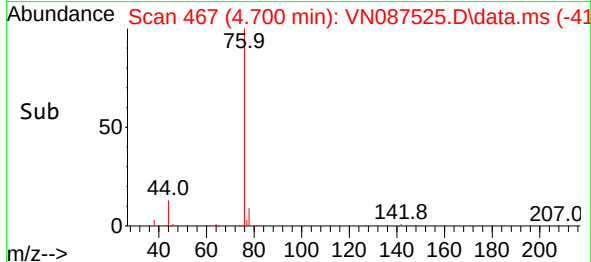
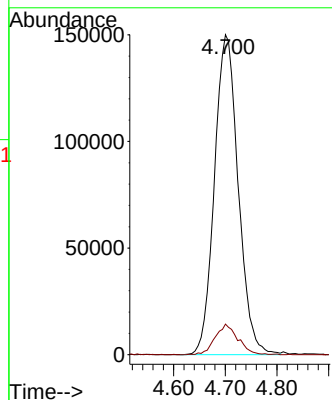
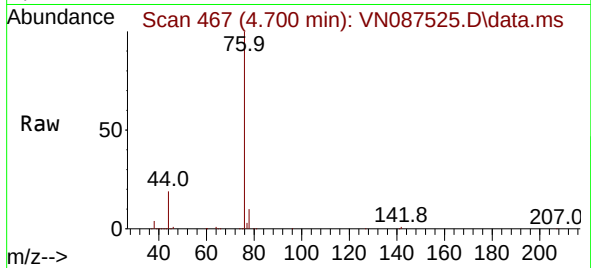




#17  
Carbon Disulfide  
Concen: 47.578 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

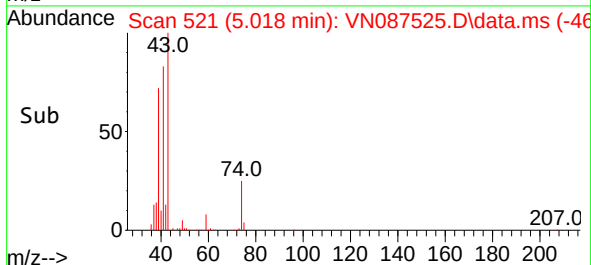
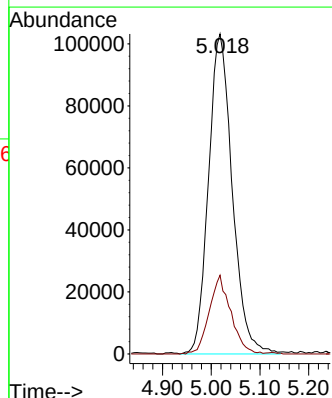
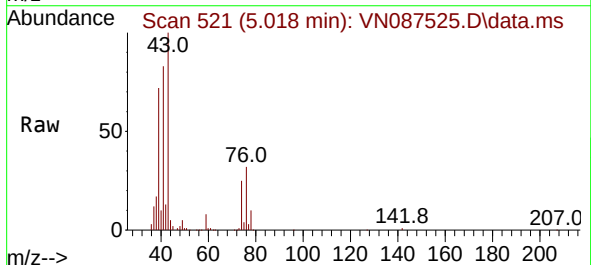
Instrument :  
MSVOA\_N  
ClientSampleId :

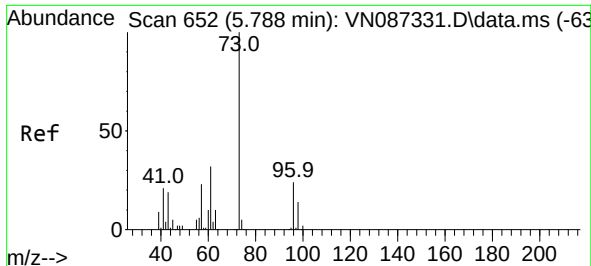
Tgt Ion: 76 Resp: 479745  
Ion Ratio Lower Upper  
76 100  
78 9.5 8.6 13.0



#18  
Methyl Acetate  
Concen: 58.763 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 349876  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.8 26.6

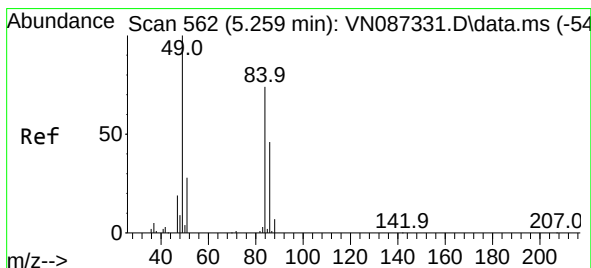
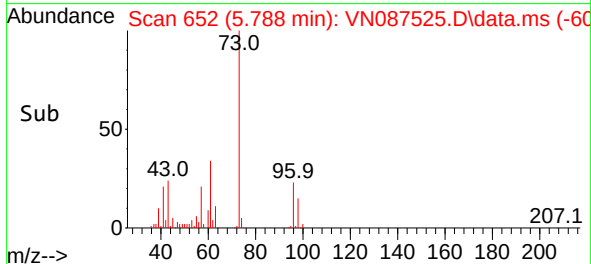
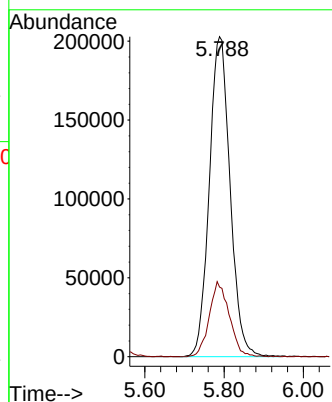
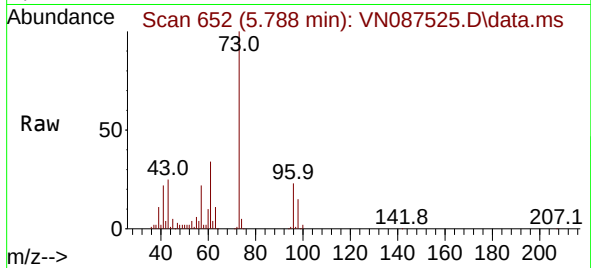




#19  
Methyl tert-butyl Ether  
Concen: 58.885 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

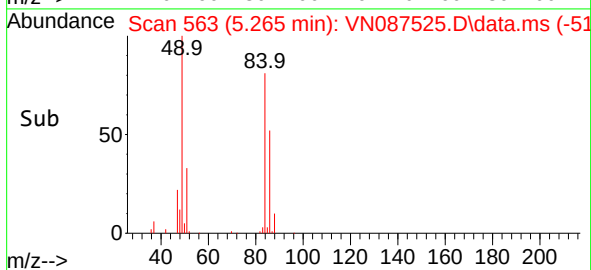
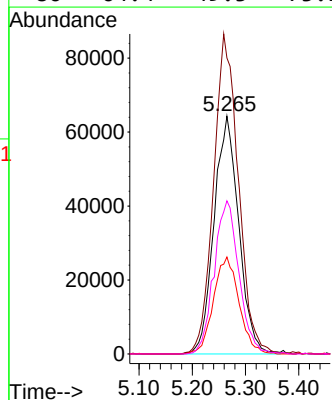
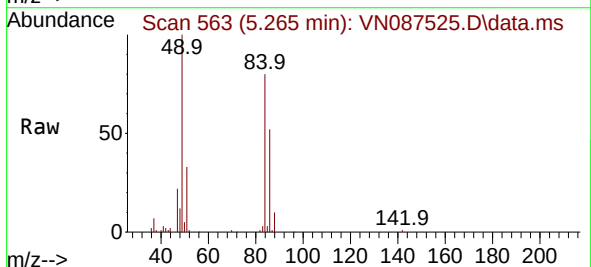
Instrument :  
MSVOA\_N  
ClientSampleId :

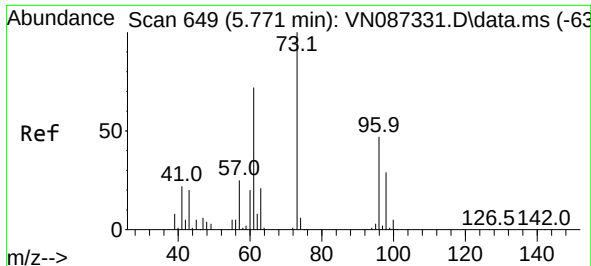
Tgt Ion: 73 Resp: 738183  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.6 27.8



#20  
Methylene Chloride  
Concen: 51.839 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 84 Resp: 207585  
Ion Ratio Lower Upper  
84 100  
49 124.5 107.5 161.3  
51 40.8 30.2 45.2  
86 64.4 49.3 73.9

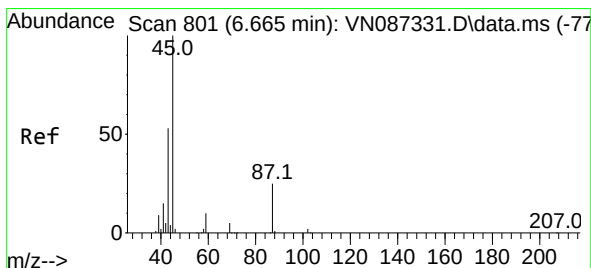
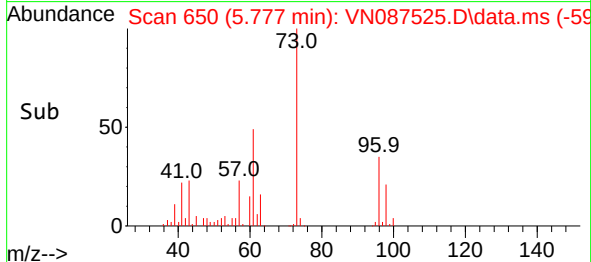
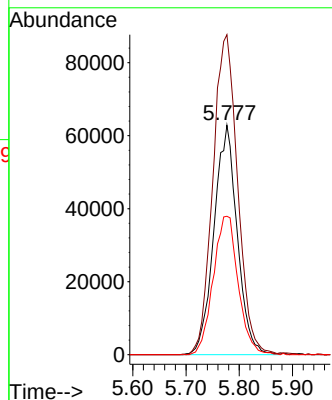
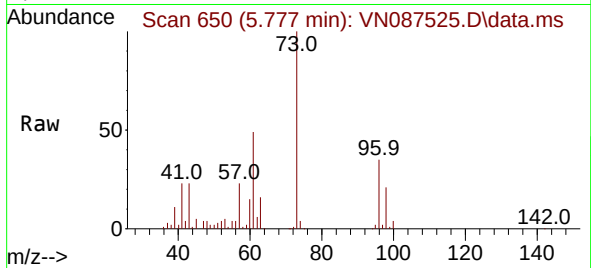




#21  
trans-1,2-Dichloroethene  
Concen: 49.703 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

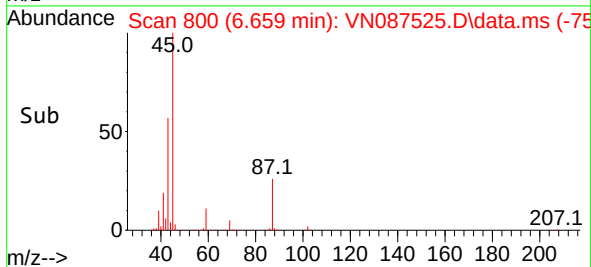
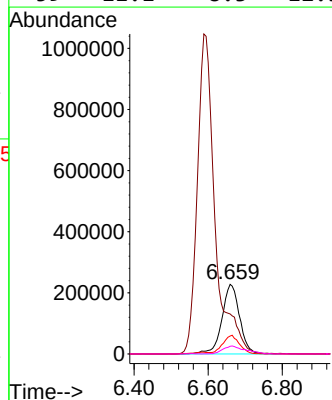
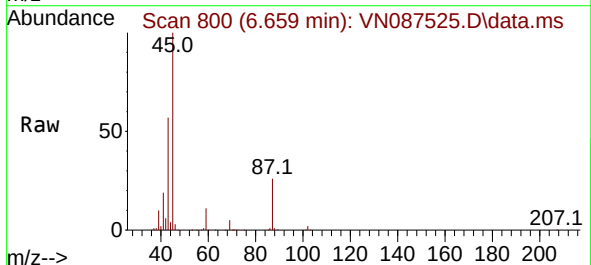
Instrument :  
MSVOA\_N  
ClientSampleId :

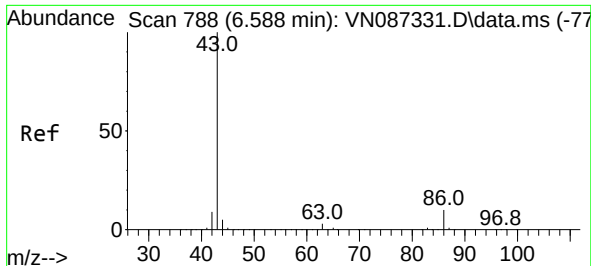
Tgt Ion: 96 Resp: 190605  
Ion Ratio Lower Upper  
96 100  
61 139.5 122.0 183.0  
98 60.3 50.0 75.0



#22  
Diisopropyl ether  
Concen: 58.441 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 45 Resp: 754528  
Ion Ratio Lower Upper  
45 100  
43 57.0 42.8 64.2  
87 25.7 19.8 29.6  
59 11.1 8.3 12.5

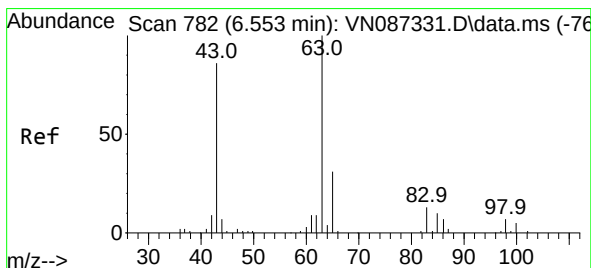
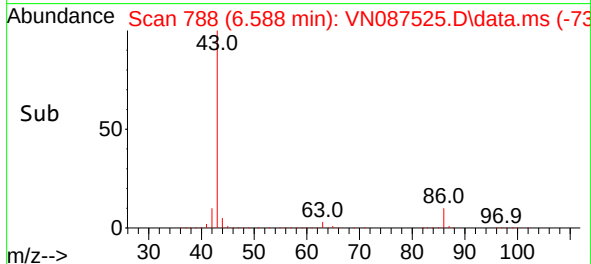
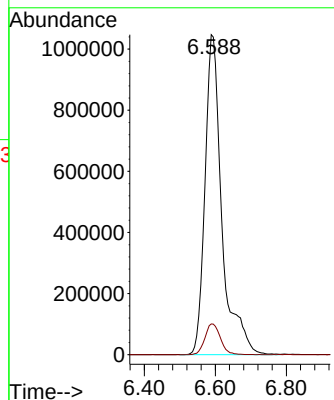
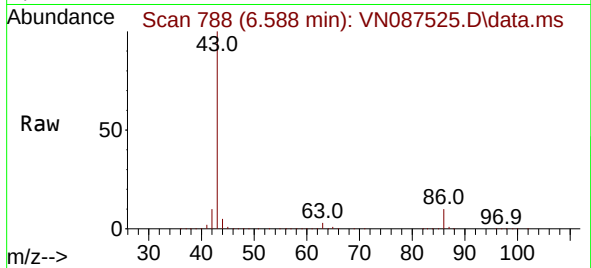




#23  
 Vinyl Acetate  
 Concen: 306.836 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

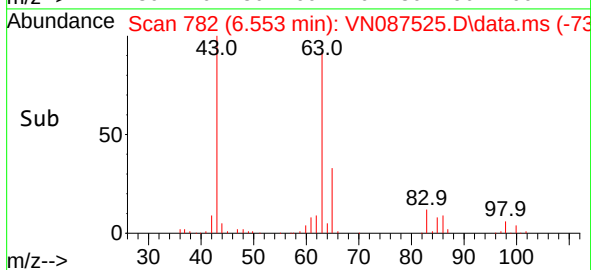
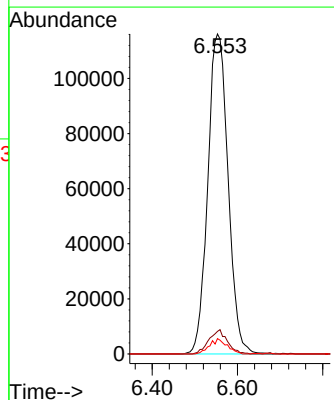
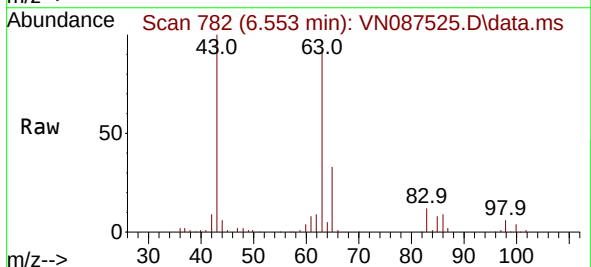
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 3464754  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.7 11.5

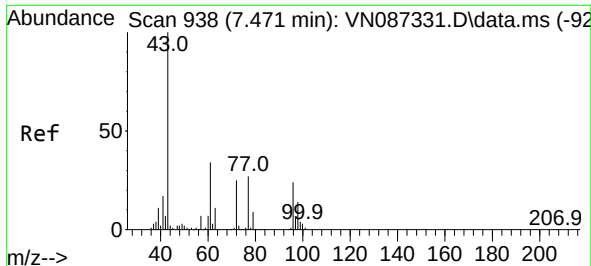


#24  
 1,1-Dichloroethane  
 Concen: 51.586 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

Tgt Ion: 63 Resp: 384250  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.3 9.9  
 100 4.8 2.5 7.4



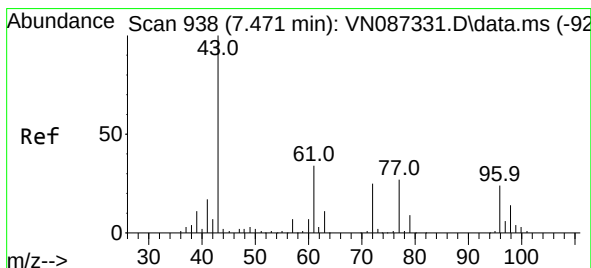
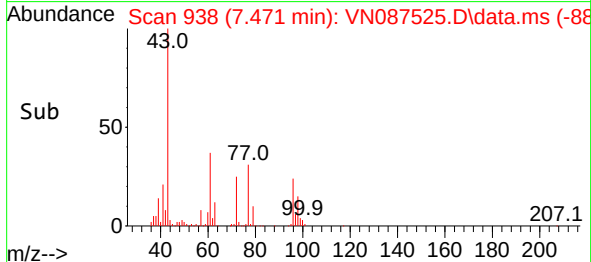
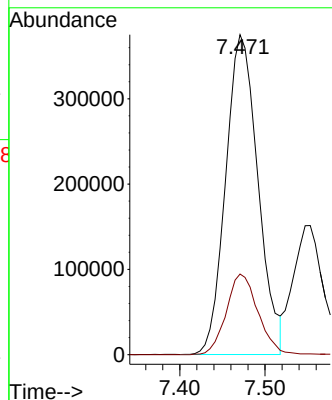
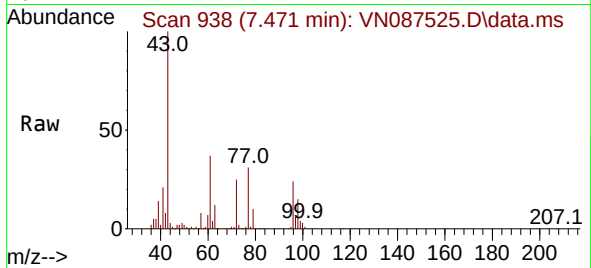




#25  
2-Butanone  
Concen: 270.516 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

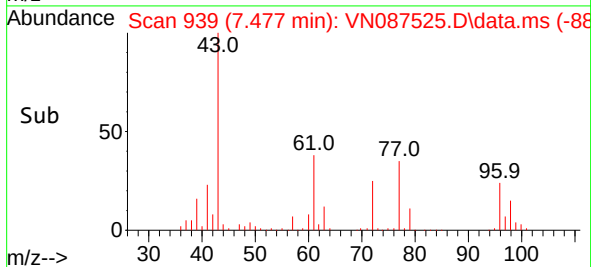
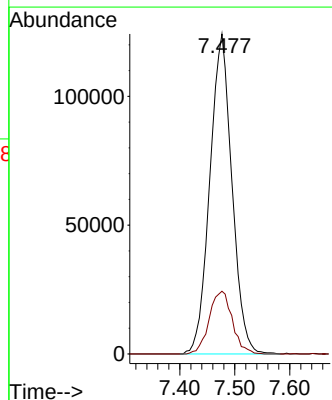
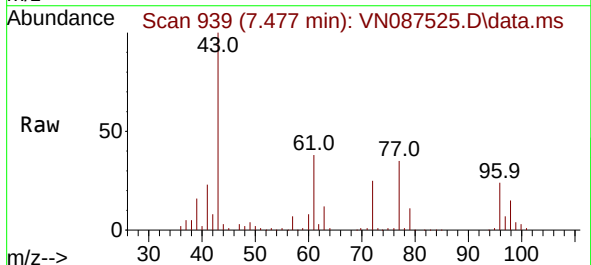
Instrument :  
MSVOA\_N  
ClientSampleId :

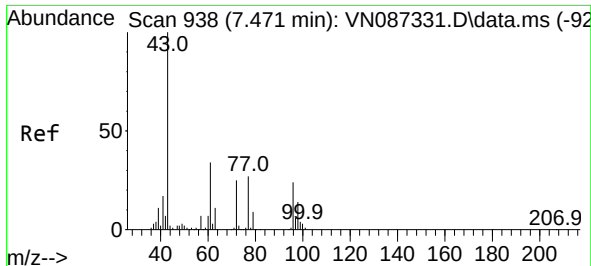
Tgt Ion: 43 Resp: 990545  
Ion Ratio Lower Upper  
43 100  
72 25.2 19.6 29.4



#26  
2,2-Dichloropropane  
Concen: 59.940 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

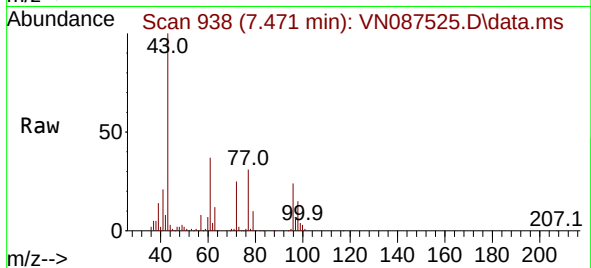
Tgt Ion: 77 Resp: 347122  
Ion Ratio Lower Upper  
77 100  
97 20.5 11.1 33.1



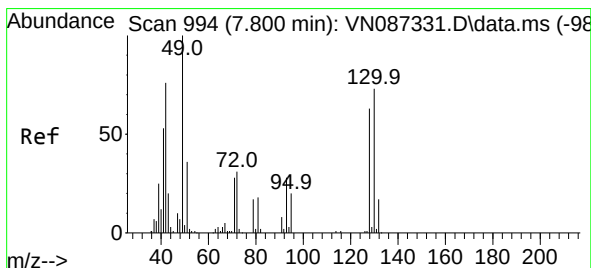
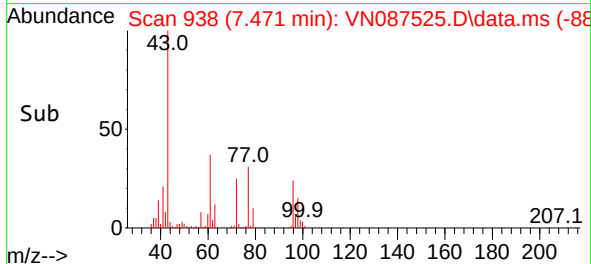
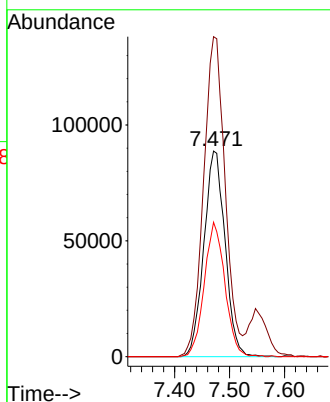


#27  
 cis-1,2-Dichloroethene  
 Concen: 53.808 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :

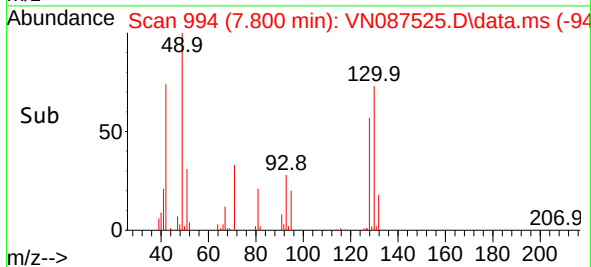
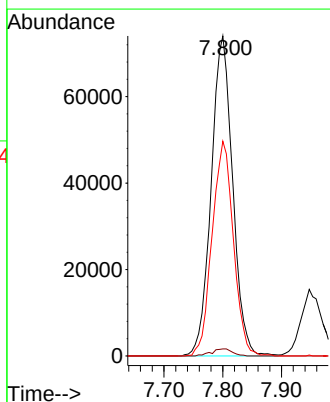
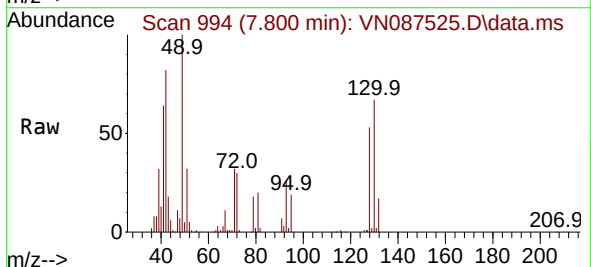


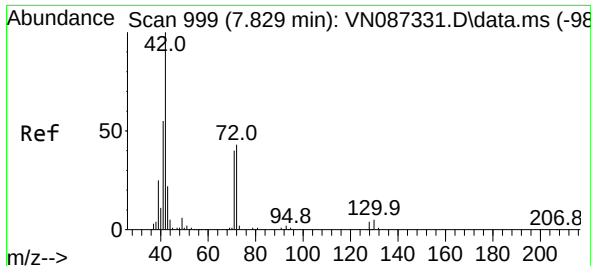
Tgt Ion: 96 Resp: 237567  
 Ion Ratio Lower Upper  
 96 100  
 61 158.3 0.0 297.8  
 98 63.8 0.0 132.4



#28  
 Bromochloromethane  
 Concen: 52.751 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

Tgt Ion: 49 Resp: 188052  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.2  
 130 66.7 57.3 85.9





#29

Tetrahydrofuran

Concen: 273.374 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

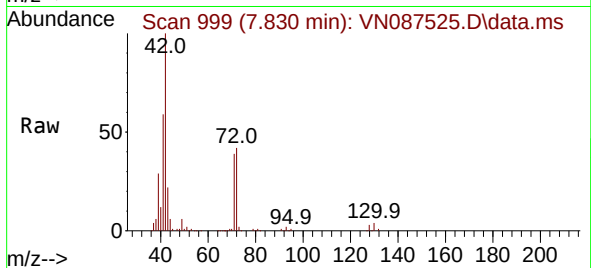
Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

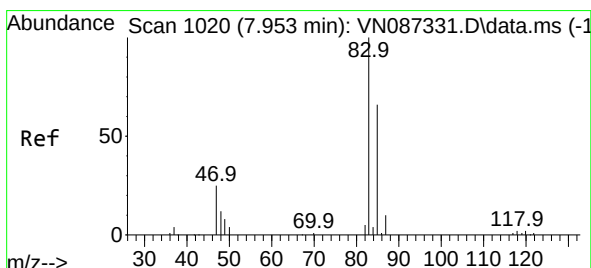
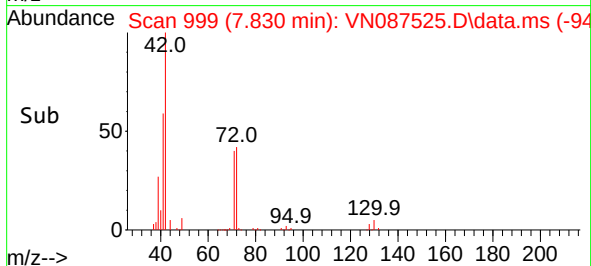
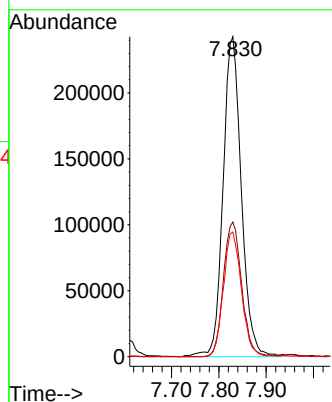
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 650285 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 42.0  | 33.4  | 50.0   |
| 71        | 38.7  | 31.2  | 46.8   |



#30

Chloroform

Concen: 54.606 ug/l

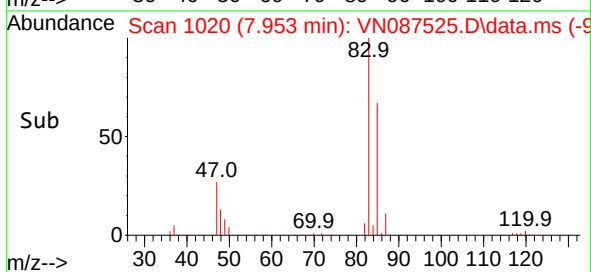
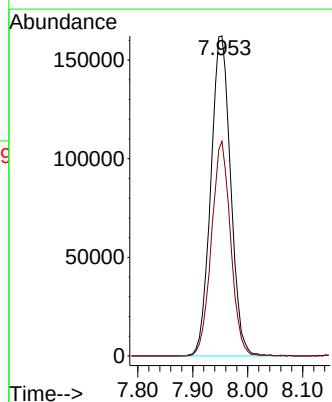
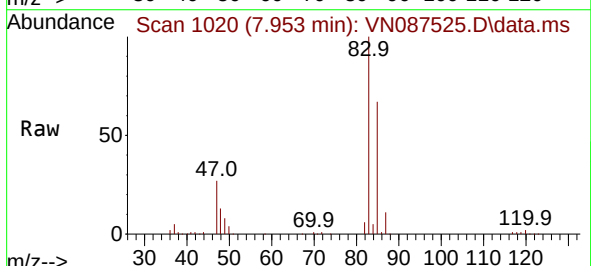
RT: 7.953 min Scan# 1020

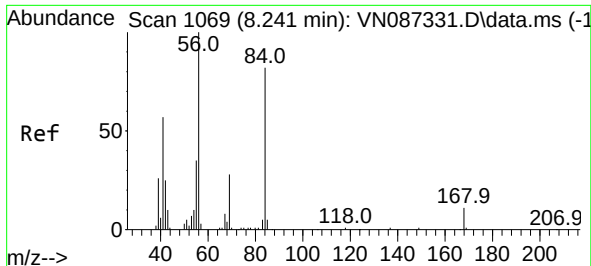
Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

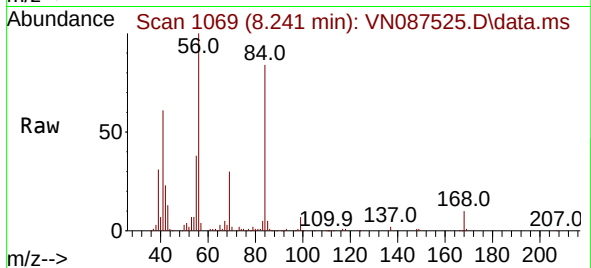
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 407119 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 67.0  | 52.7  | 79.1   |



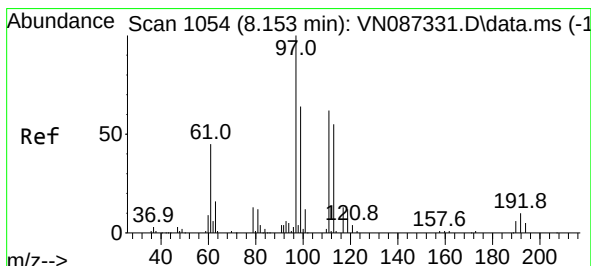
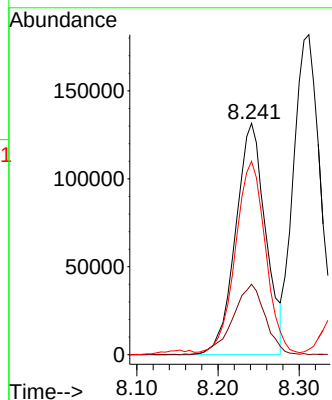
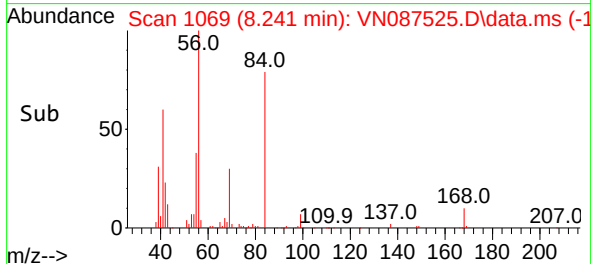


#31  
Cyclohexane  
Concen: 54.405 ug/l  
RT: 8.241 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

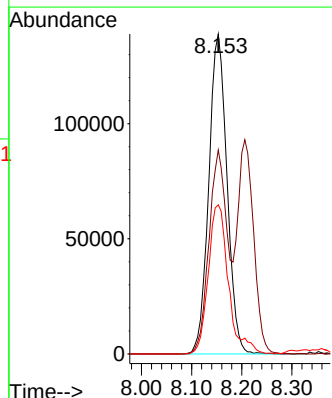
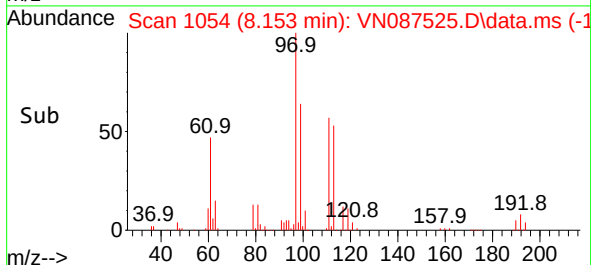
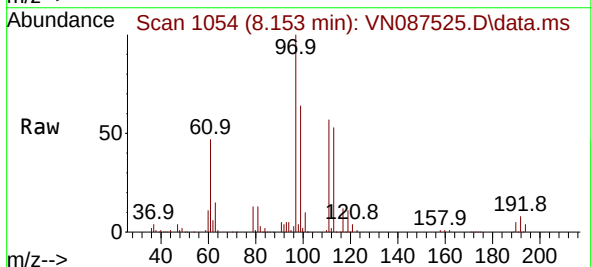


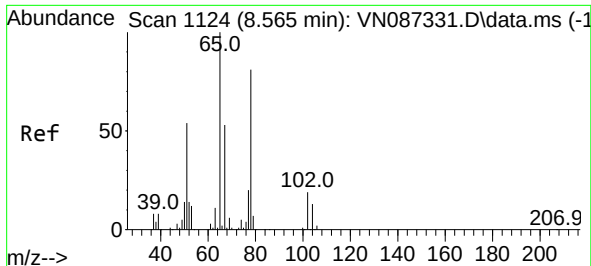
Tgt Ion: 56 Resp: 338060  
Ion Ratio Lower Upper  
56 100  
69 30.5 22.7 34.1  
84 81.4 65.8 98.6



#32  
1,1,1-Trichloroethane  
Concen: 54.317 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 97 Resp: 350752  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.8 77.8  
61 51.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 52.900 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

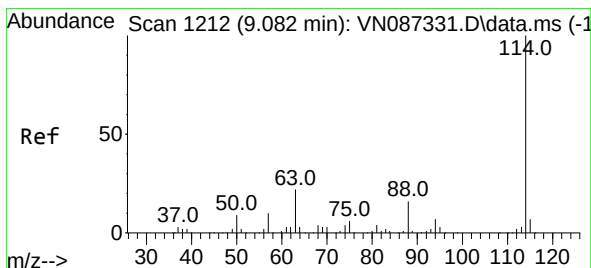
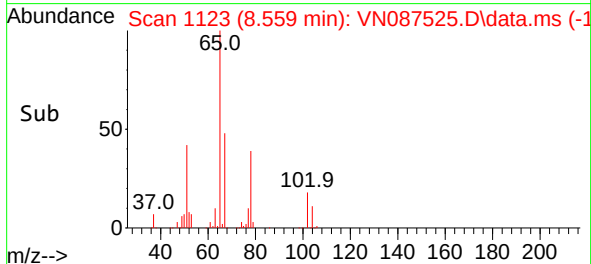
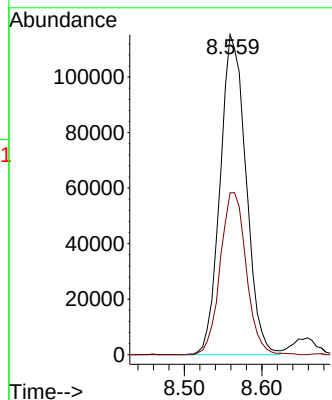
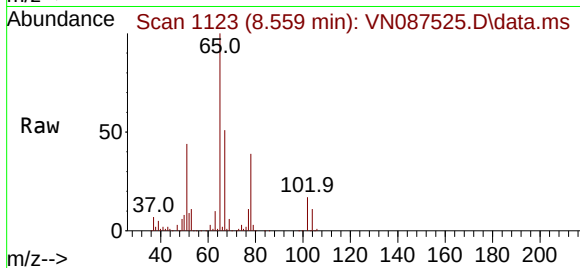
ClientSampleId :

Tgt Ion: 65 Resp: 267380

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

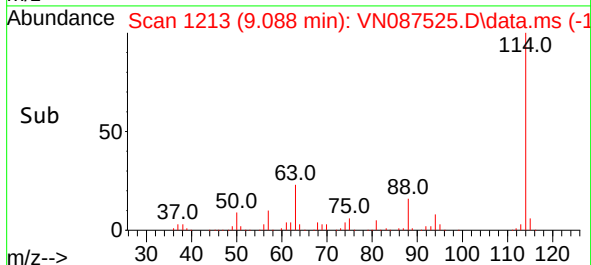
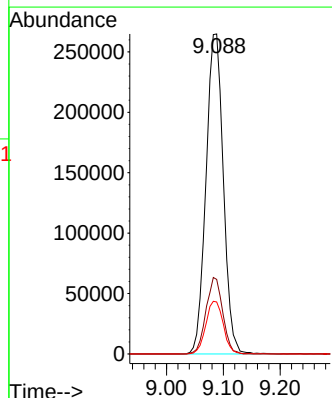
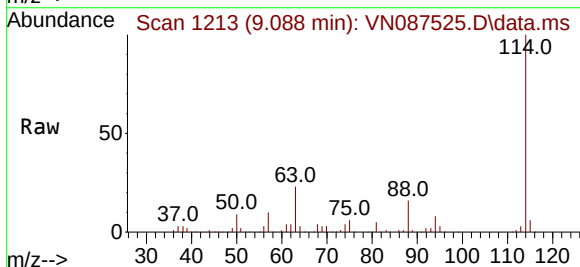
Tgt Ion: 114 Resp: 560249

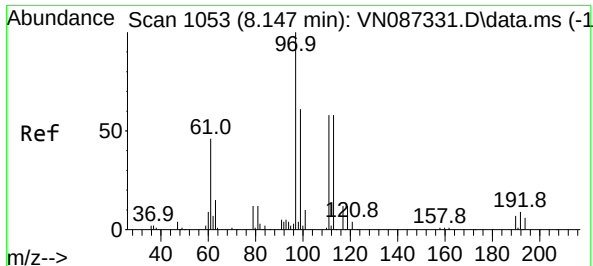
Ion Ratio Lower Upper

114 100

63 23.3 0.0 44.6

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.926 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

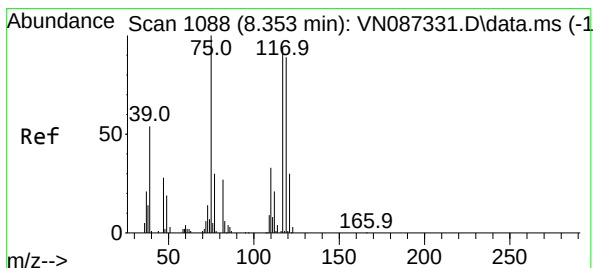
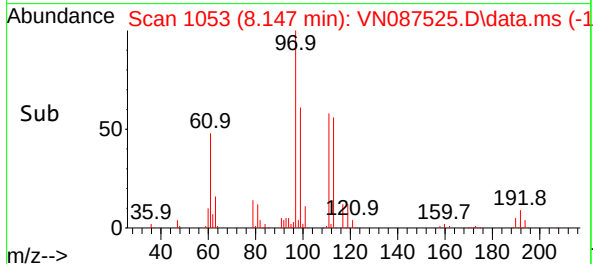
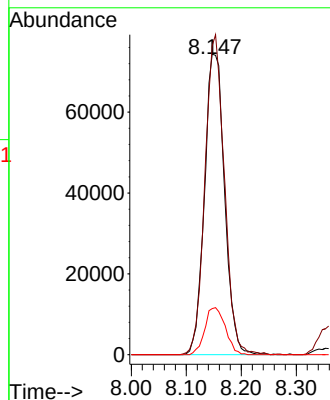
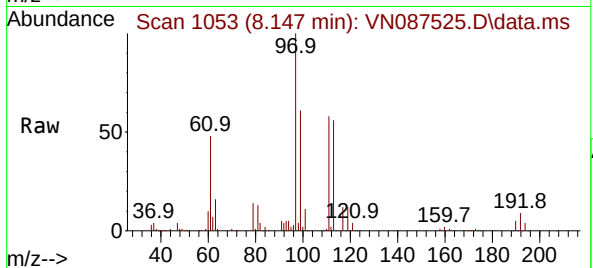
Tgt Ion:113 Resp: 189080

Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 16.0 13.7 20.5



#36

1,1-Dichloropropene

Concen: 52.704 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

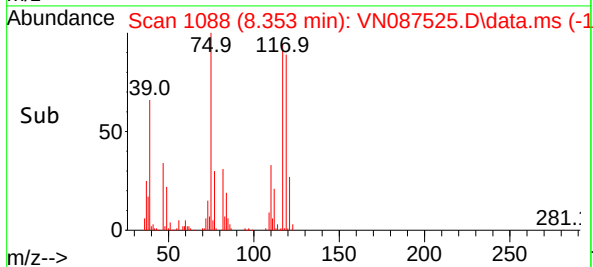
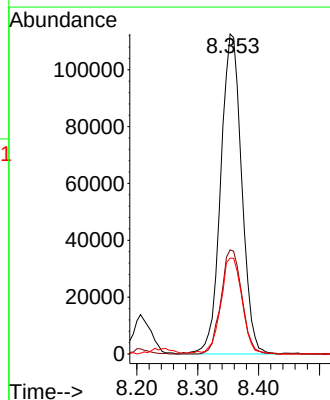
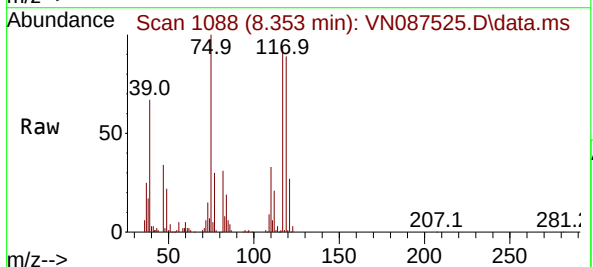
Tgt Ion: 75 Resp: 269096

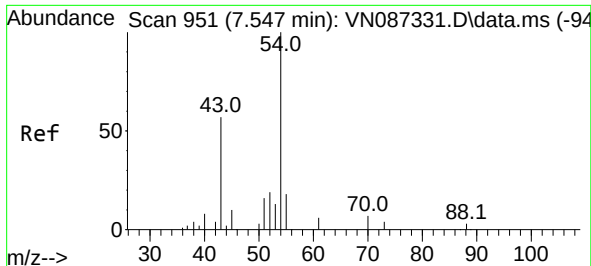
Ion Ratio Lower Upper

75 100

110 32.4 16.7 50.1

77 30.7 25.2 37.8





#37

Ethyl Acetate

Concen: 51.872 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

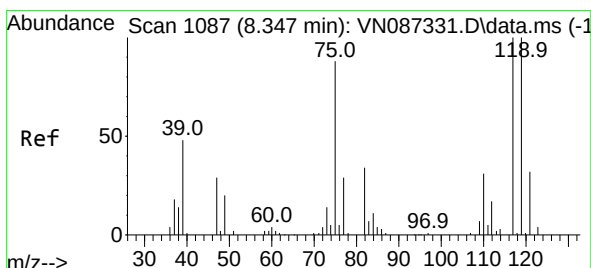
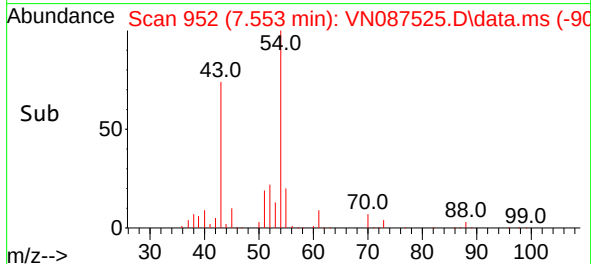
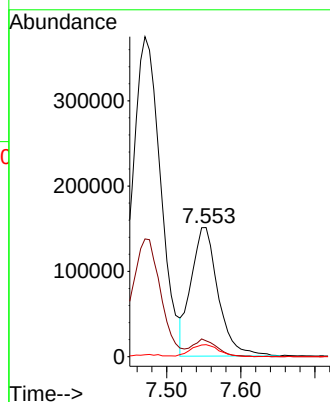
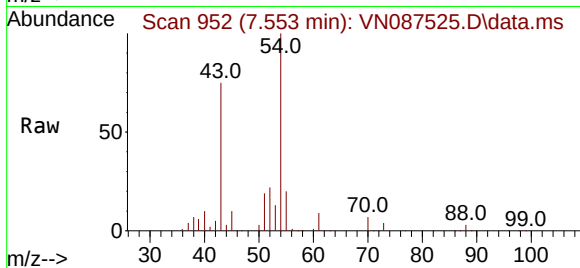
Tgt Ion: 43 Resp: 382507

Ion Ratio Lower Upper

43 100

61 12.1 10.9 16.3

70 9.7 7.4 11.0



#38

Carbon Tetrachloride

Concen: 51.679 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

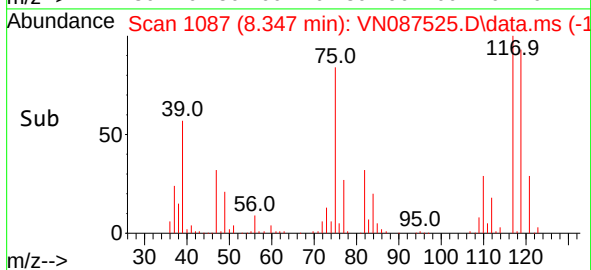
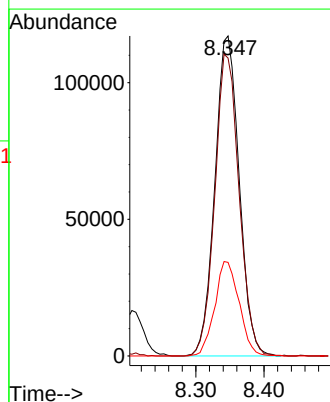
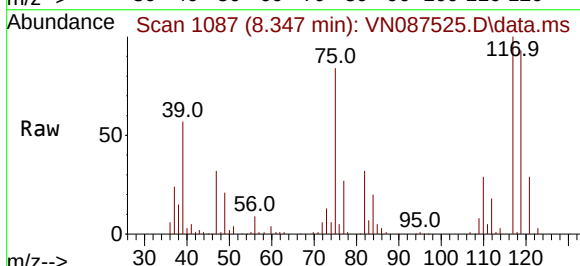
Tgt Ion: 117 Resp: 290669

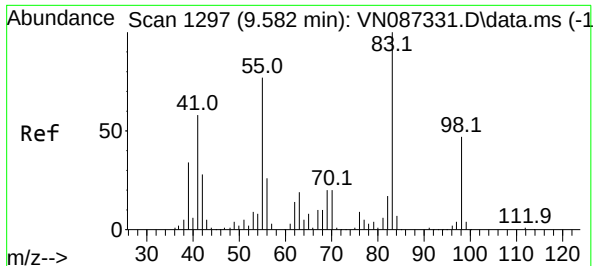
Ion Ratio Lower Upper

117 100

119 93.1 80.2 120.2

121 29.3 25.4 38.2





#39

Methylcyclohexane

Concen: 59.801 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

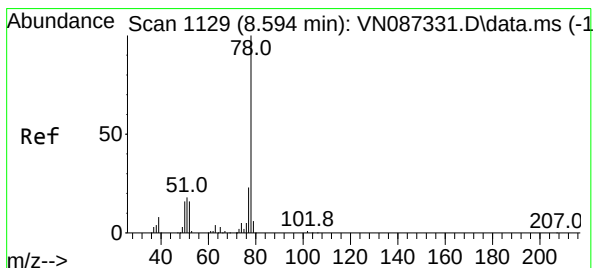
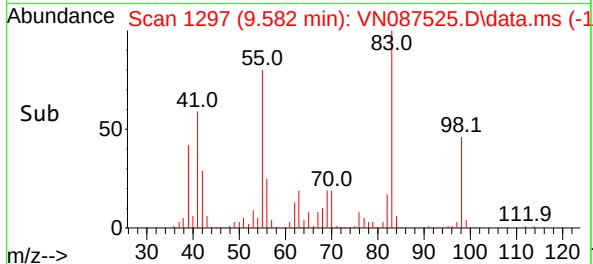
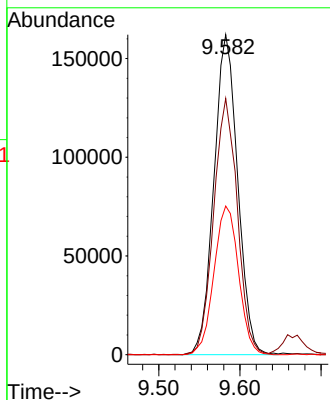
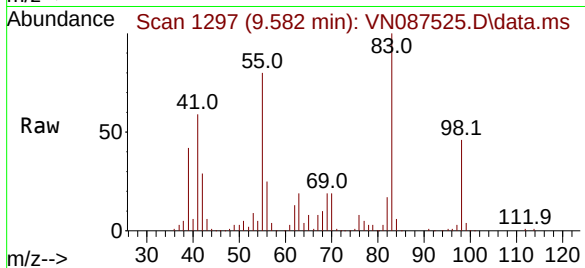
Tgt Ion: 83 Resp: 330567

Ion Ratio Lower Upper

83 100

55 79.9 61.3 91.9

98 46.5 37.9 56.9



#40

Benzene

Concen: 50.887 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087525.D

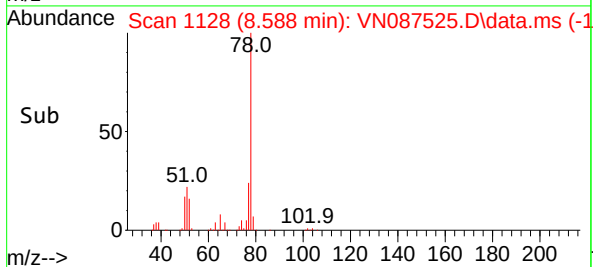
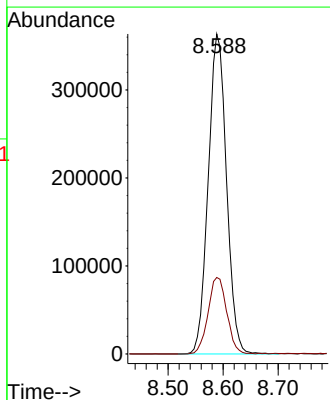
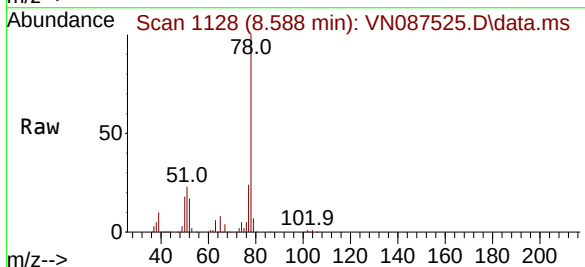
Acq: 13 Aug 2025 10:57

Tgt Ion: 78 Resp: 839732

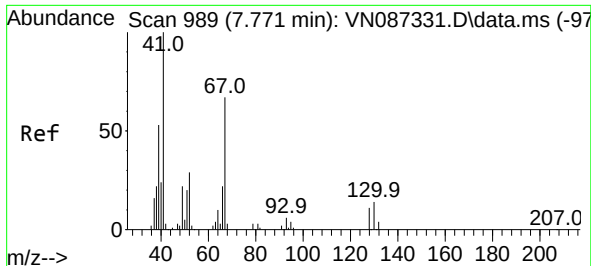
Ion Ratio Lower Upper

78 100

77 23.9 18.2 27.2

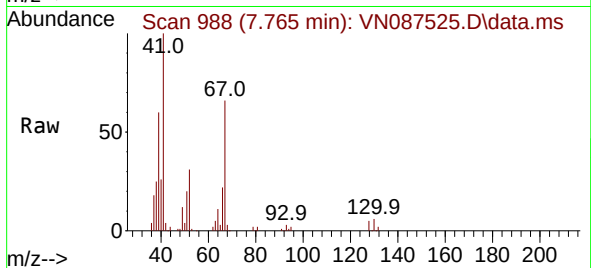




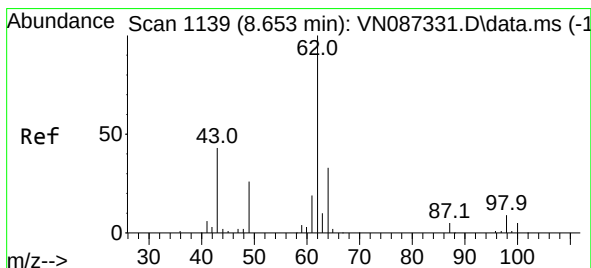
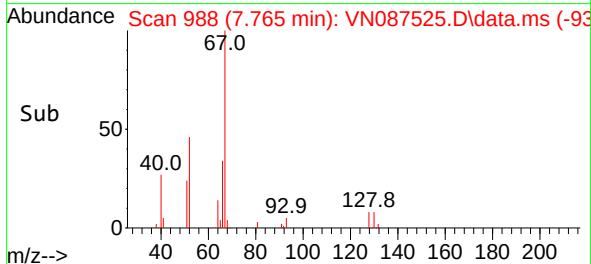
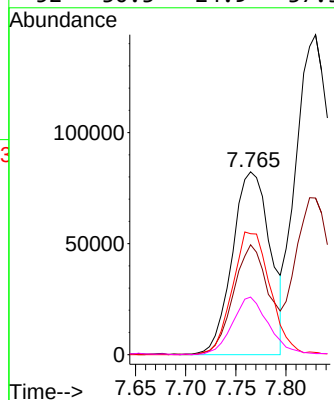


#41  
Methacrylonitrile  
Concen: 56.377 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

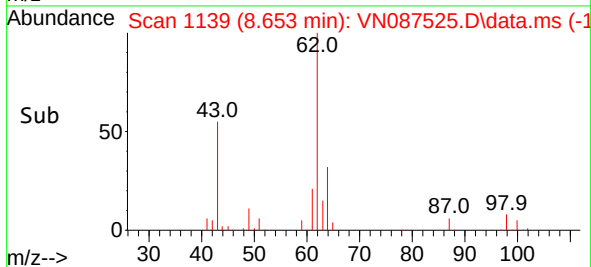
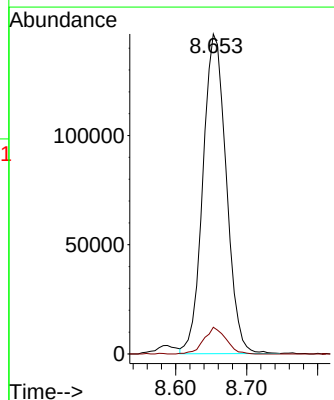
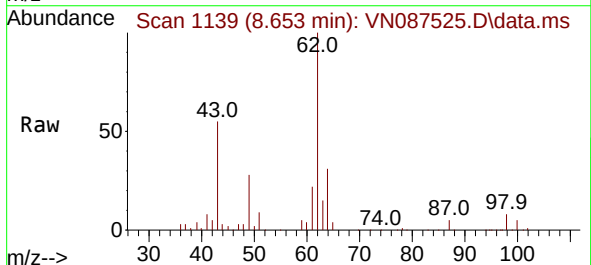


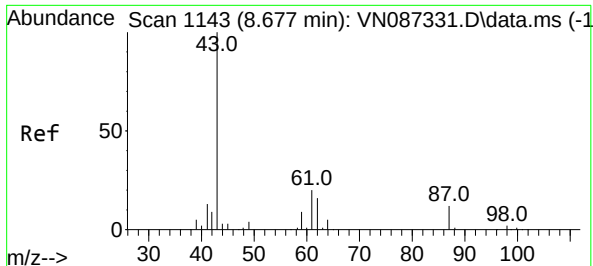
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 217375 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 56.0  | 43.4  | 65.0   |
| 67       | 67.0  | 55.1  | 82.7   |
| 52       | 30.3  | 24.9  | 37.3   |



#42  
1,2-Dichloroethane  
Concen: 53.444 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

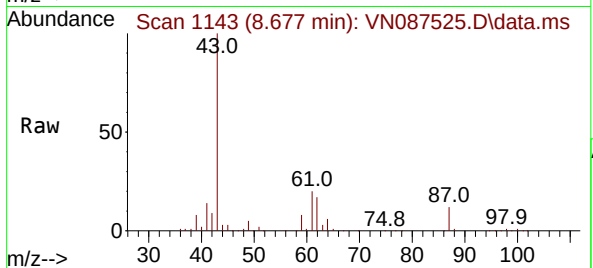
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 334446 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.9   | 0.0   | 18.0   |



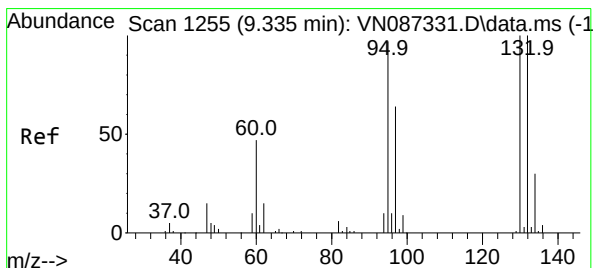
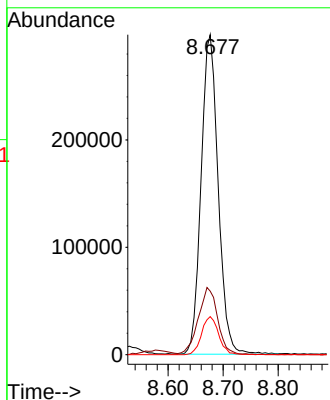
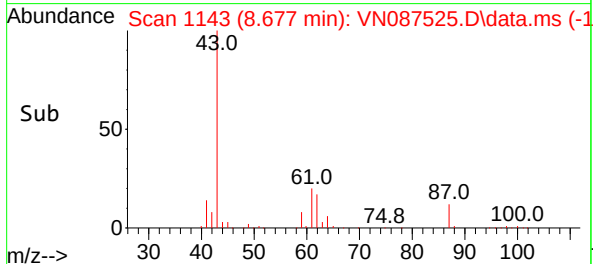


#43  
Isopropyl Acetate  
Concen: 56.154 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

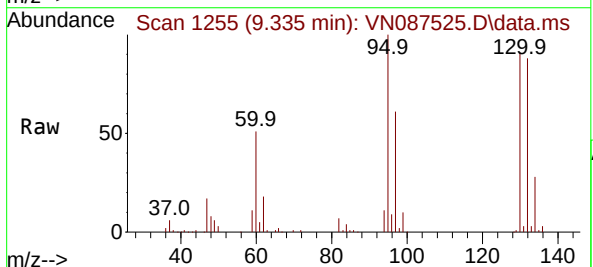
Instrument :  
MSVOA\_N  
ClientSampleId :



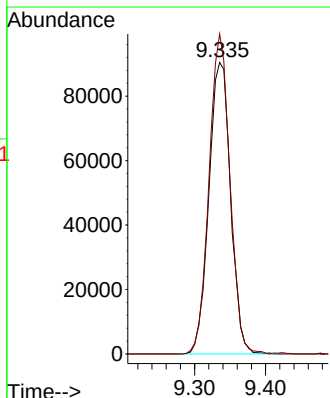
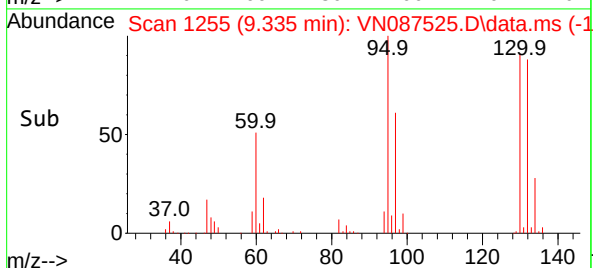
Tgt Ion: 43 Resp: 642790  
Ion Ratio Lower Upper  
43 100  
61 23.8 19.8 29.8  
87 11.8 9.8 14.6

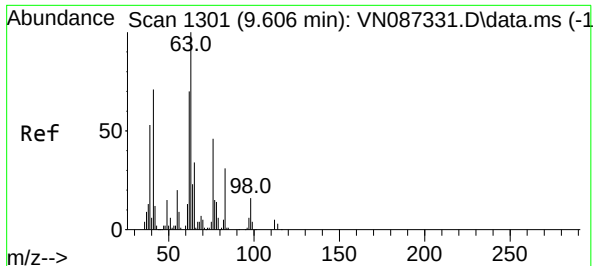


#44  
Trichloroethene  
Concen: 49.195 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57



Tgt Ion:130 Resp: 191822  
Ion Ratio Lower Upper  
130 100  
95 109.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.319 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

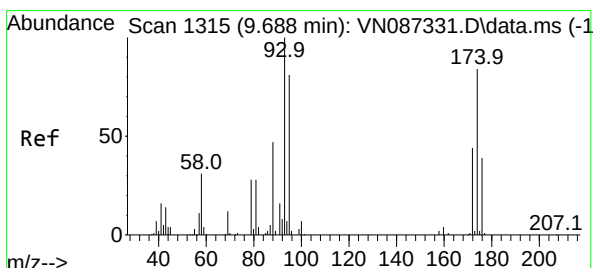
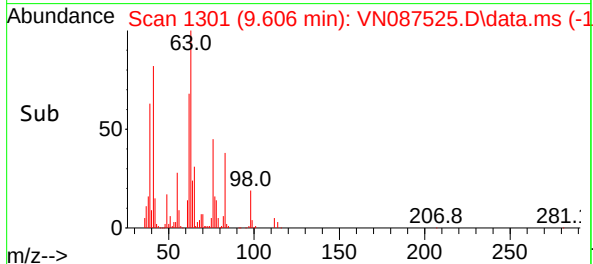
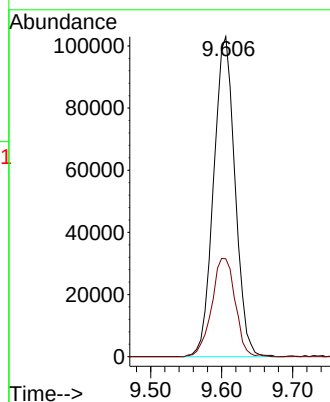
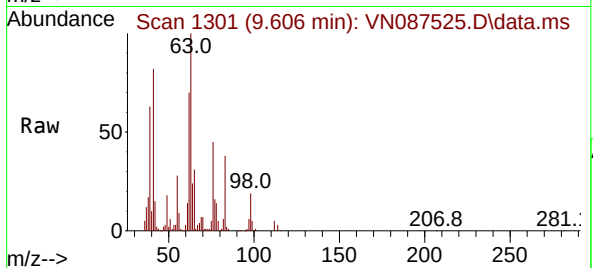
ClientSampleId :

Tgt Ion: 63 Resp: 215179

Ion Ratio Lower Upper

63 100

65 30.6 27.0 40.4



#46

Dibromomethane

Concen: 52.067 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

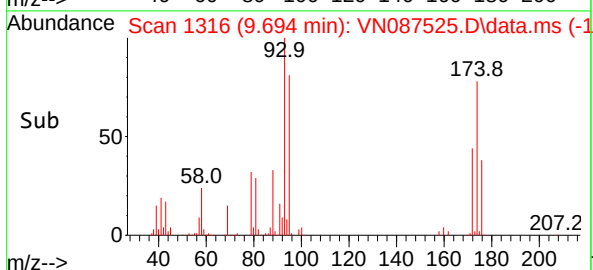
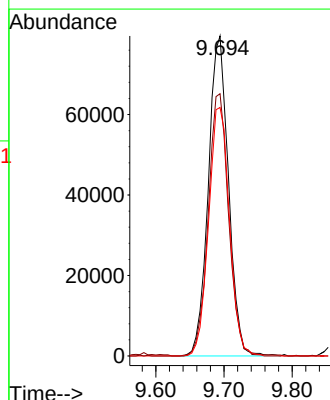
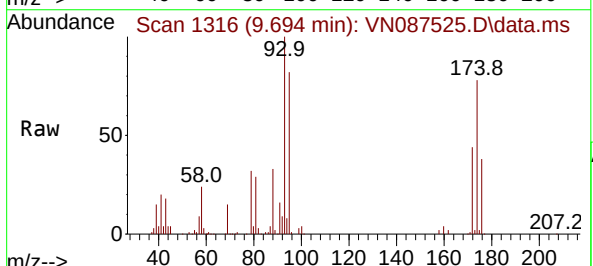
Tgt Ion: 93 Resp: 163459

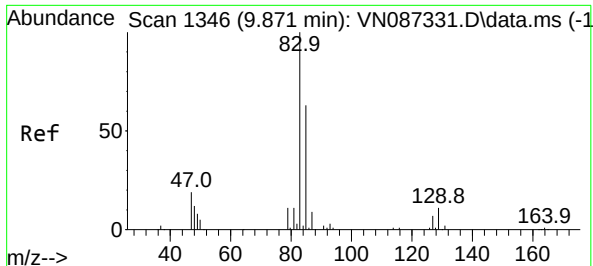
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 80.5 69.9 104.9

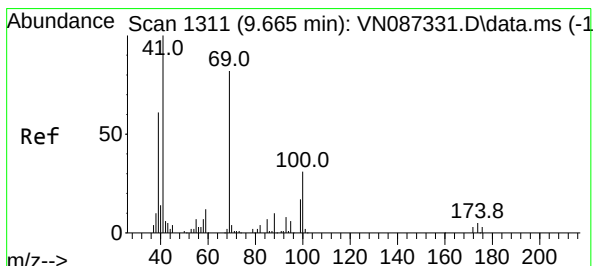
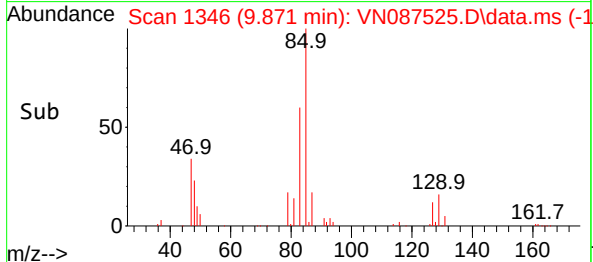
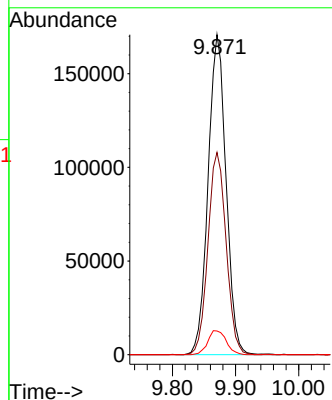
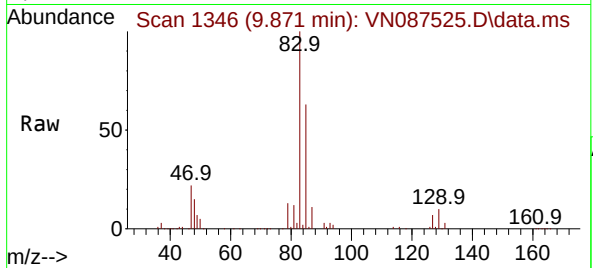




#47  
Bromodichloromethane  
Concen: 53.322 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

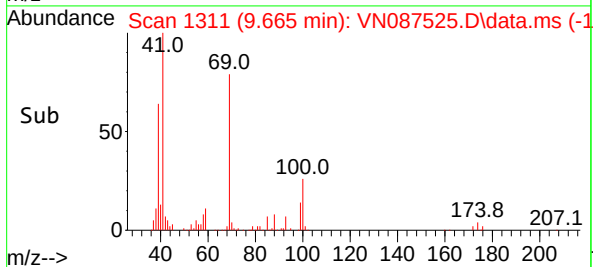
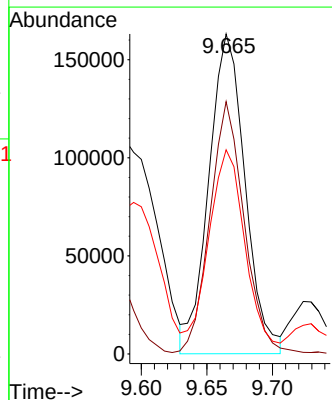
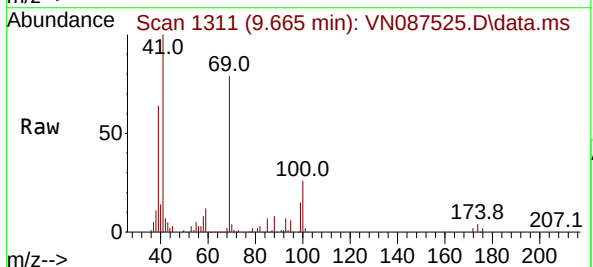
Instrument :  
MSVOA\_N  
ClientSampleId :

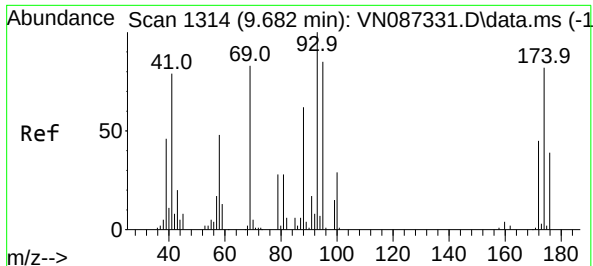
Tgt Ion: 83 Resp: 337184  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.4 75.6  
127 7.4 5.8 8.8



#48  
Methyl methacrylate  
Concen: 60.829 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 41 Resp: 313471  
Ion Ratio Lower Upper  
41 100  
69 74.8 64.1 96.1  
39 65.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1099.339 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

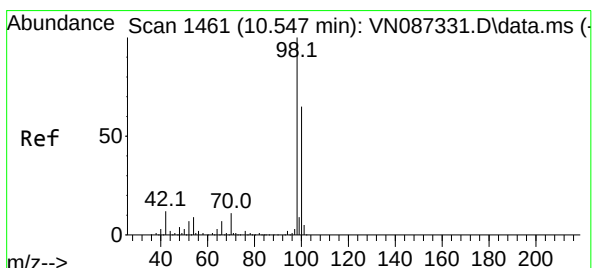
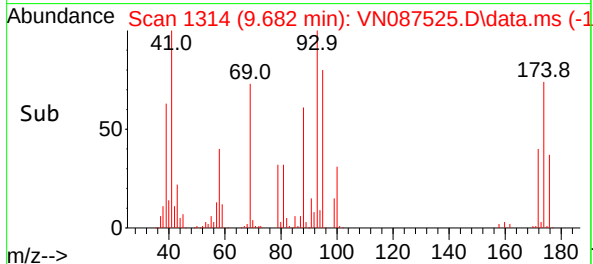
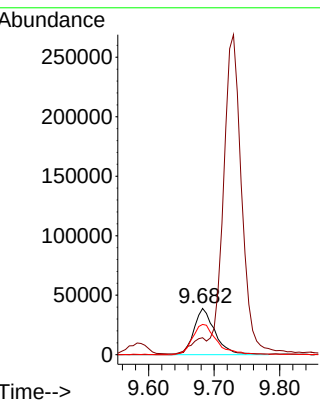
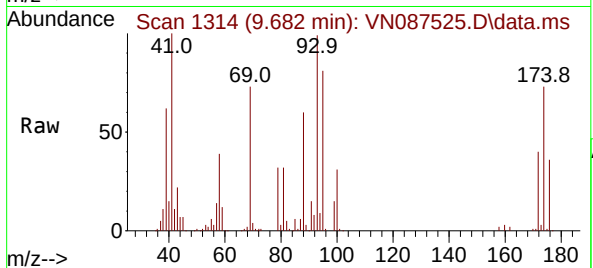
Tgt Ion: 88 Resp: 86769

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.4 61.1 91.7



#50

Toluene-d8

Concen: 48.931 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087525.D

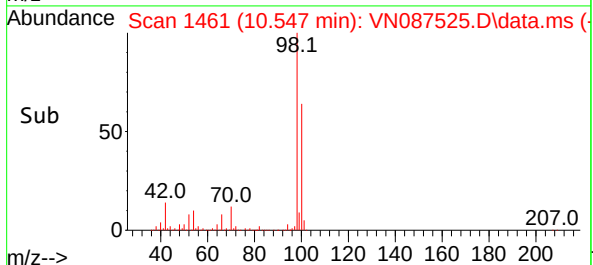
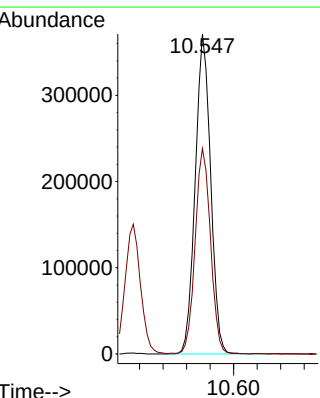
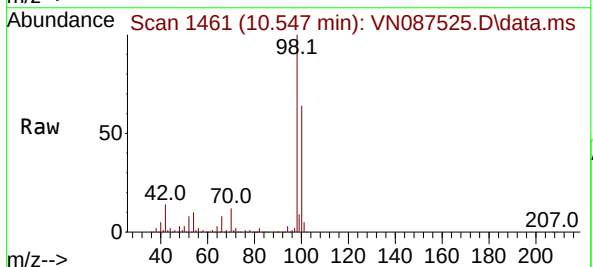
Acq: 13 Aug 2025 10:57

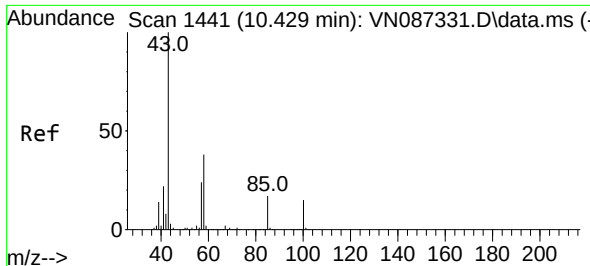
Tgt Ion: 98 Resp: 674538

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

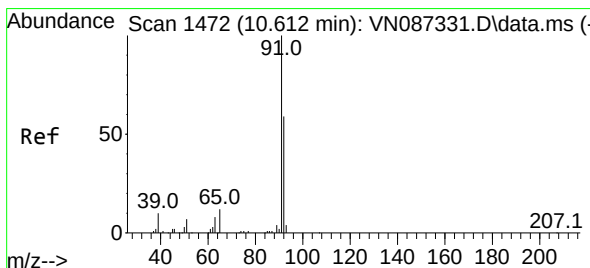
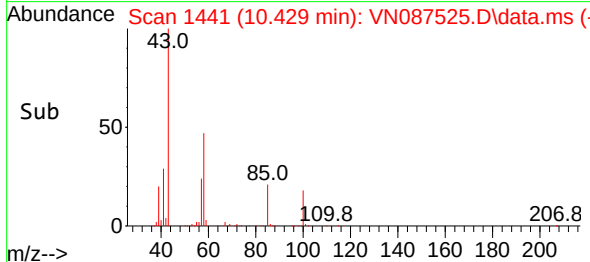
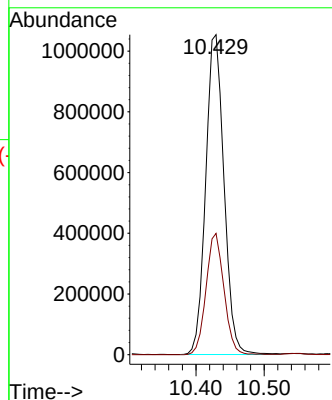
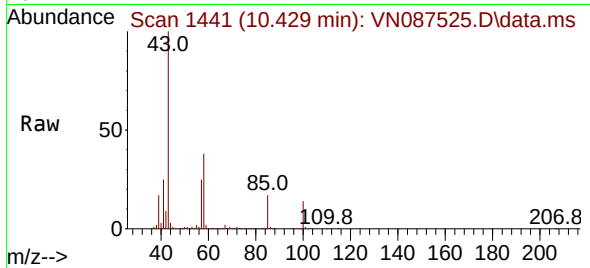




#51  
4-Methyl-2-Pentanone  
Concen: 272.168 ug/l  
RT: 10.429 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

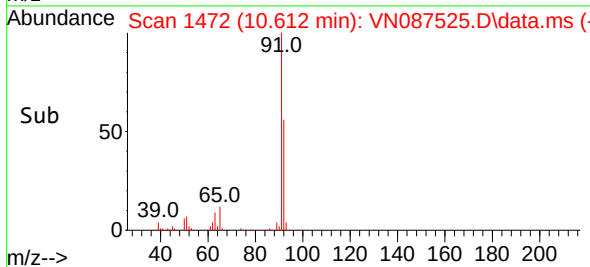
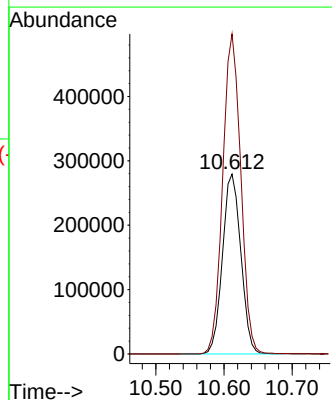
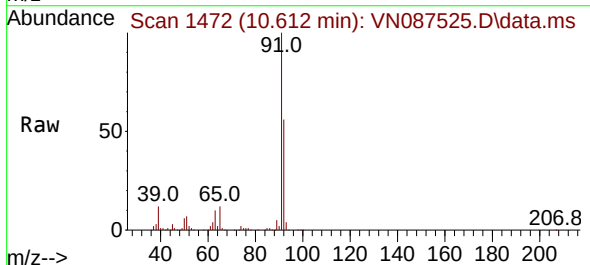
Instrument :  
MSVOA\_N  
ClientSampleId :

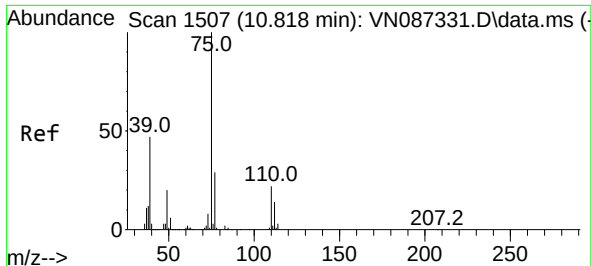
Tgt Ion: 43 Resp: 1970484  
Ion Ratio Lower Upper  
43 100  
58 37.1 30.8 46.2



#52  
Toluene  
Concen: 52.162 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 92 Resp: 523201  
Ion Ratio Lower Upper  
92 100  
91 175.4 135.1 202.7

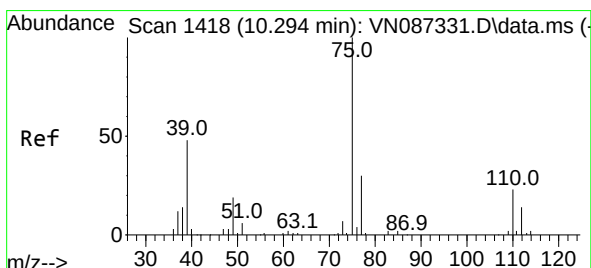
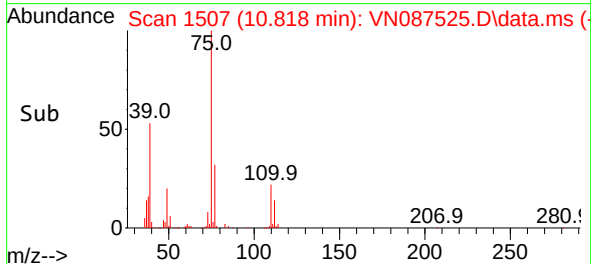
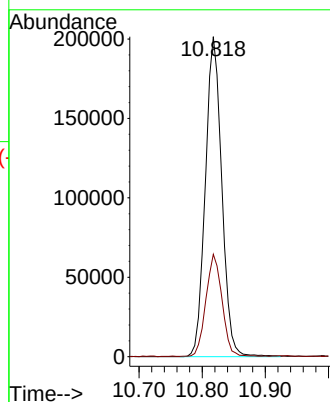
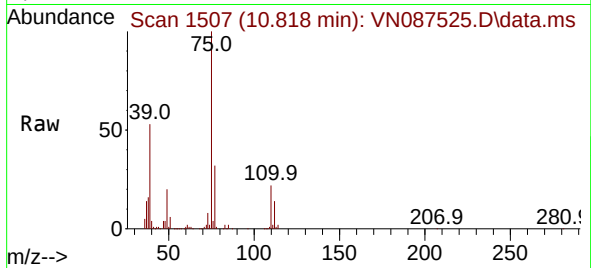




#53  
t-1,3-Dichloropropene  
Concen: 56.856 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

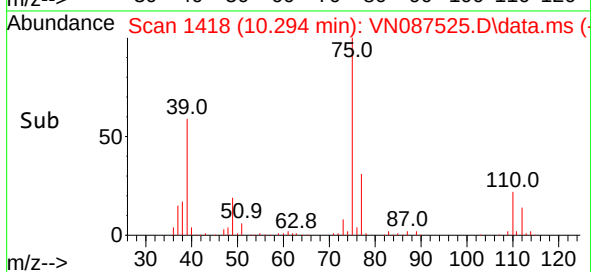
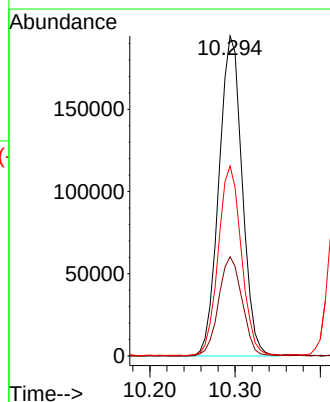
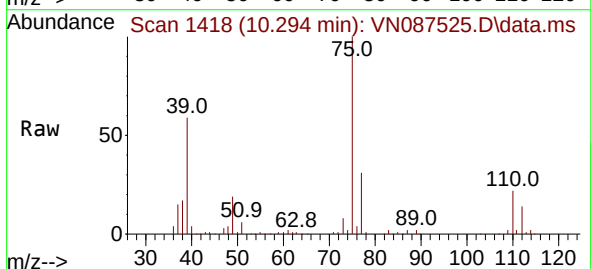
Instrument :  
MSVOA\_N  
ClientSampleId :

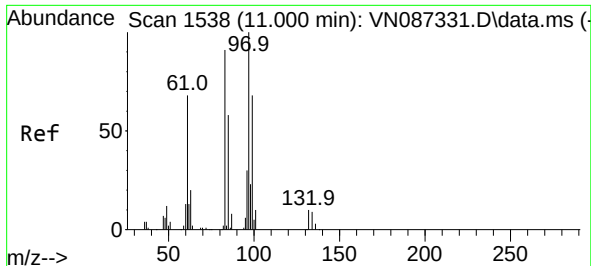
Tgt Ion: 75 Resp: 363863  
Ion Ratio Lower Upper  
75 100  
77 31.9 23.6 35.4



#54  
cis-1,3-Dichloropropene  
Concen: 55.797 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

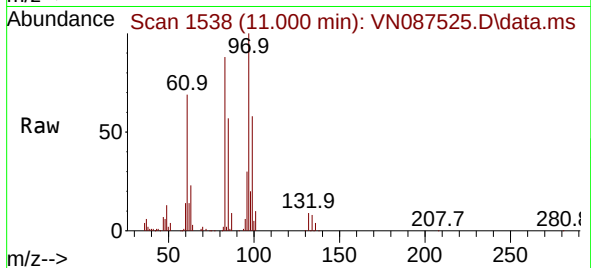
Tgt Ion: 75 Resp: 368848  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.2 36.2  
39 59.1 38.4 57.6#





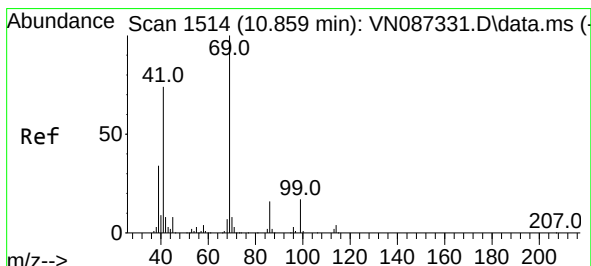
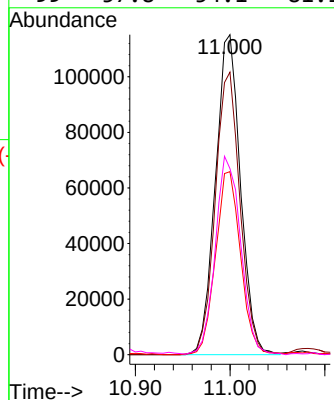
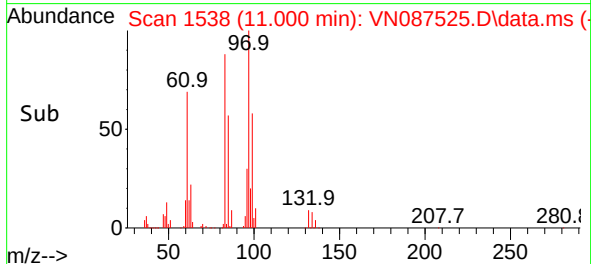
#55  
1,1,2-Trichloroethane  
Concen: 52.209 ug/l  
RT: 11.000 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

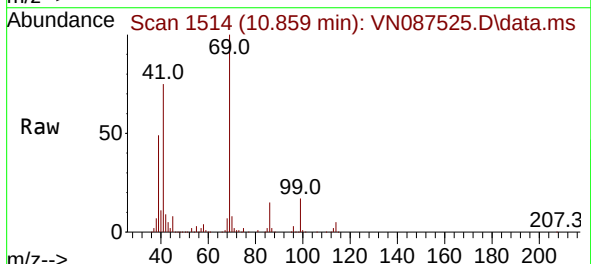


Tgt Ion: 97 Resp: 212009

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 72.6  | 109.0 |
| 85  | 57.2  | 46.7  | 70.1  |
| 99  | 57.8  | 54.1  | 81.1  |

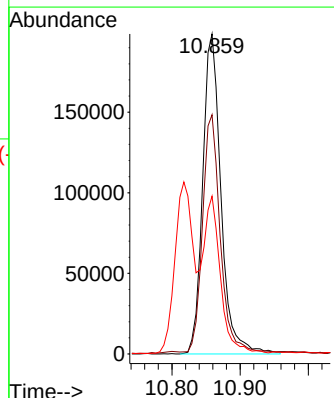
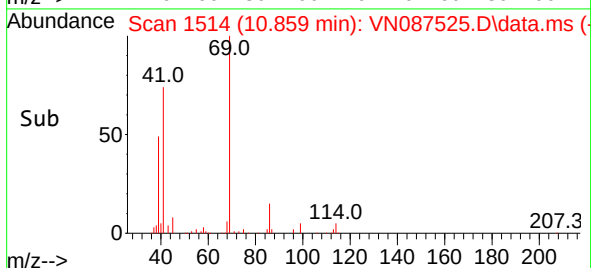


#56  
Ethyl methacrylate  
Concen: 54.181 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

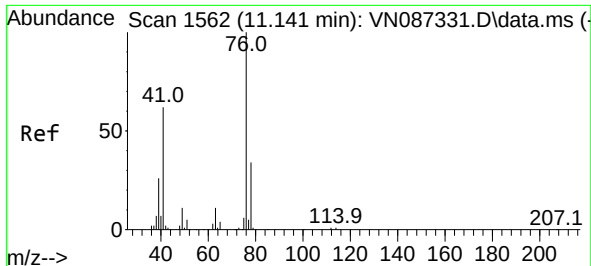


Tgt Ion: 69 Resp: 371269

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.7  | 55.1  | 82.7  |
| 39  | 42.5  | 27.9  | 41.9  |







#57

1,3-Dichloropropane

Concen: 52.670 ug/l

RT: 11.147 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

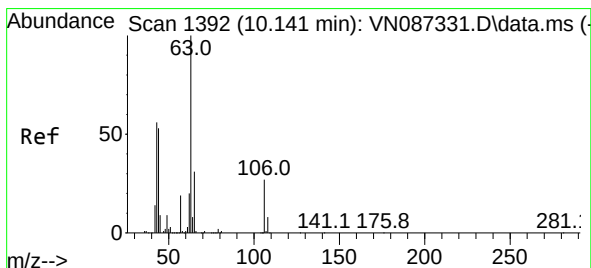
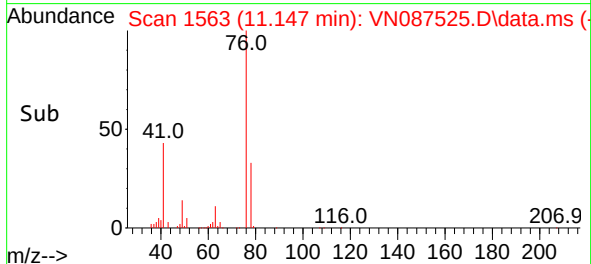
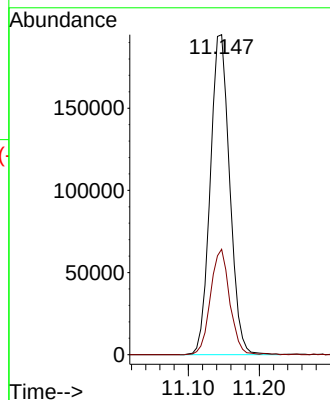
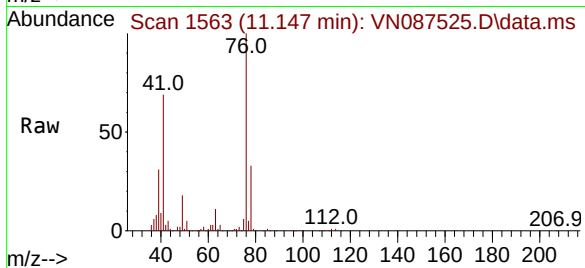
ClientSampleId :

Tgt Ion: 76 Resp: 369791

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 308.170 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087525.D

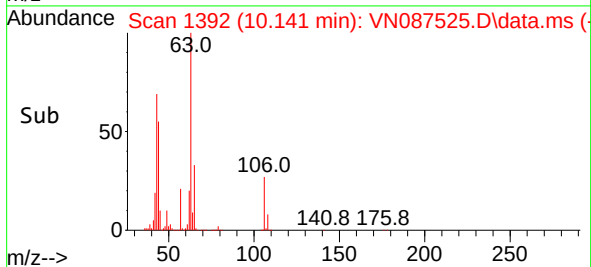
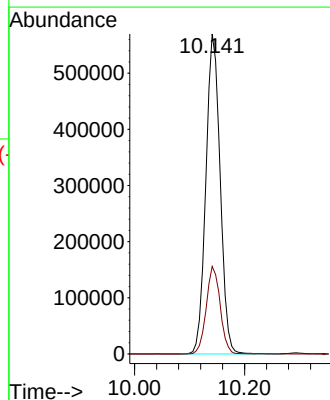
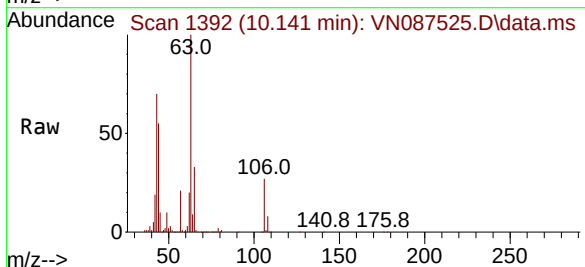
Acq: 13 Aug 2025 10:57

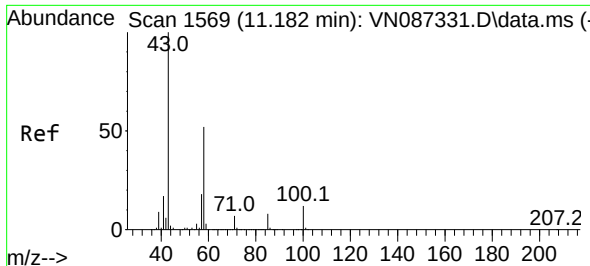
Tgt Ion: 63 Resp: 1026550

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

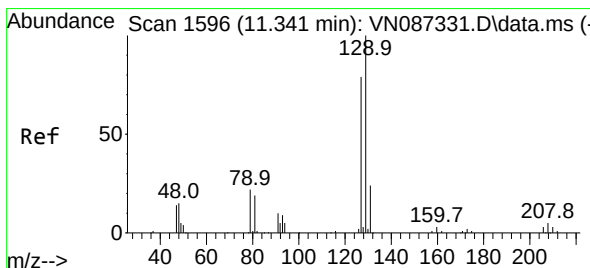
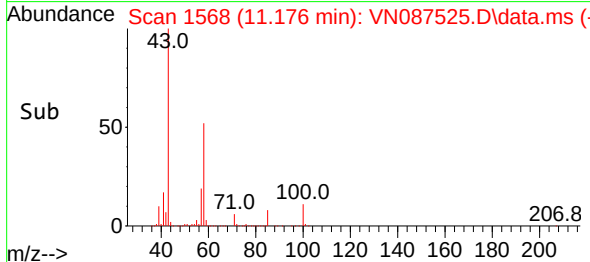
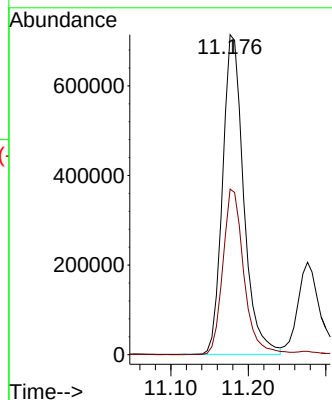
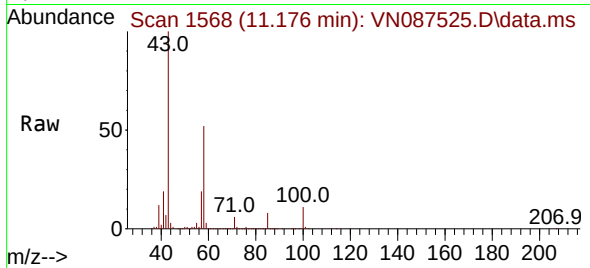




#59  
2-Hexanone  
Concen: 281.390 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

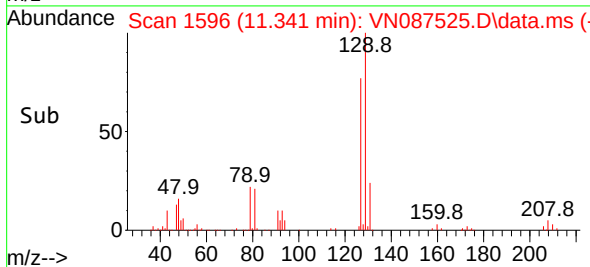
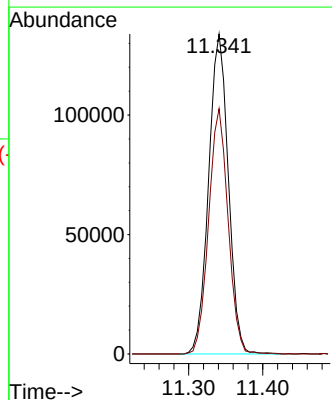
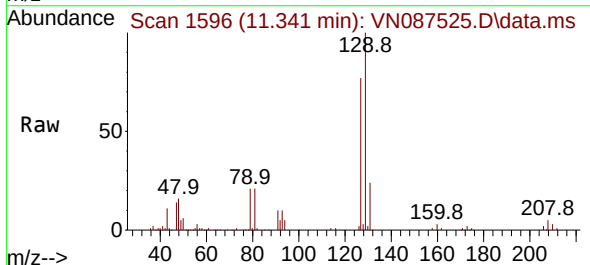
Instrument :  
MSVOA\_N  
ClientSampleId :

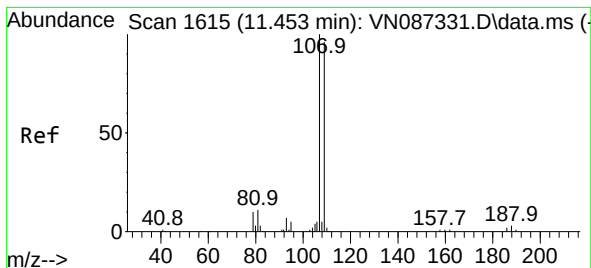
Tgt Ion: 43 Resp: 1351630  
Ion Ratio Lower Upper  
43 100  
58 51.9 26.7 80.0



#60  
Dibromochloromethane  
Concen: 53.325 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion:129 Resp: 246950  
Ion Ratio Lower Upper  
129 100  
127 75.7 39.1 117.5

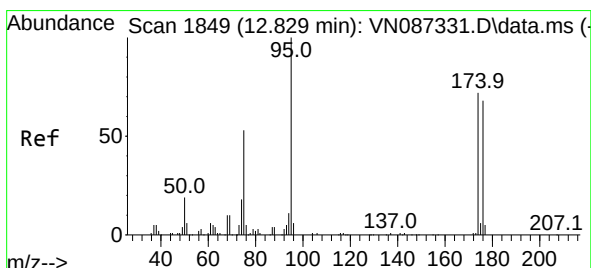
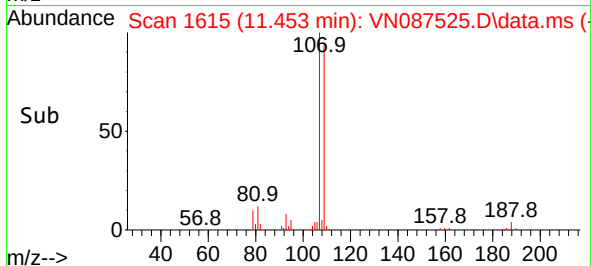
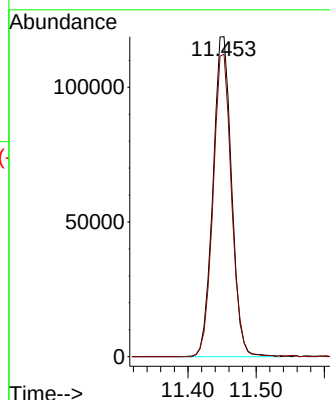
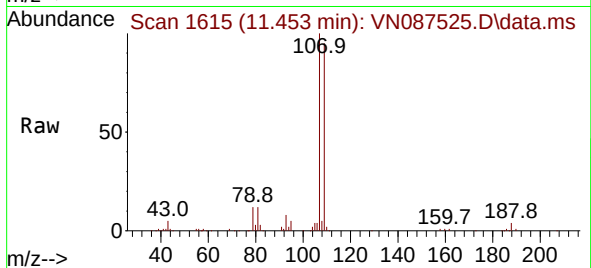




#61  
1,2-Dibromoethane  
Concen: 52.906 ug/l  
RT: 11.453 min Scan# 1615  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

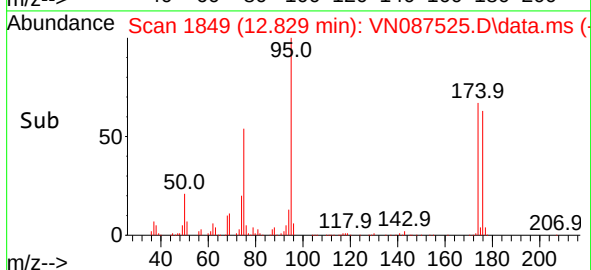
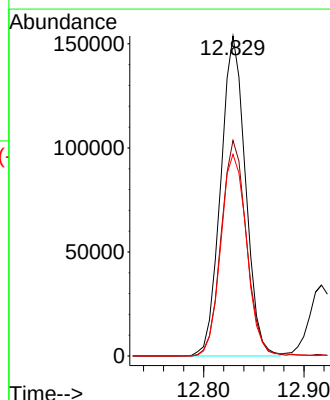
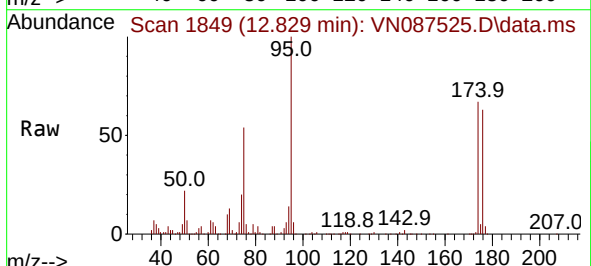
Instrument :  
MSVOA\_N  
ClientSampleId :

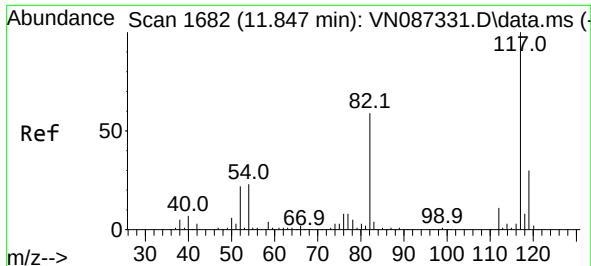
Tgt Ion:107 Resp: 225893  
Ion Ratio Lower Upper  
107 100  
109 93.5 77.5 116.3



#62  
4-Bromofluorobenzene  
Concen: 51.735 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 95 Resp: 263490  
Ion Ratio Lower Upper  
95 100  
174 68.5 0.0 149.4  
176 66.0 0.0 141.2

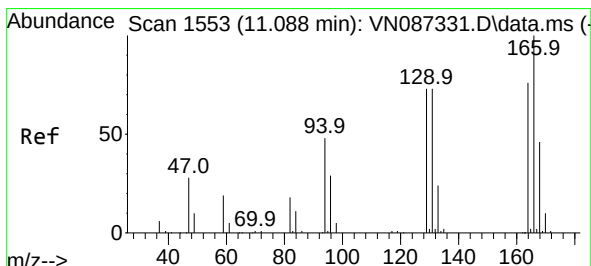
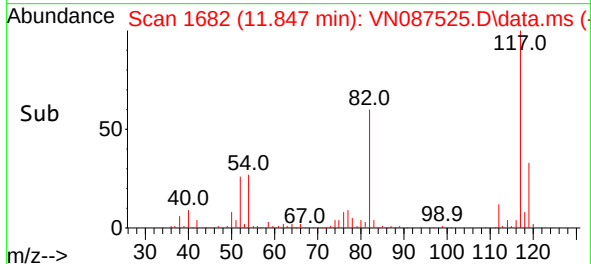
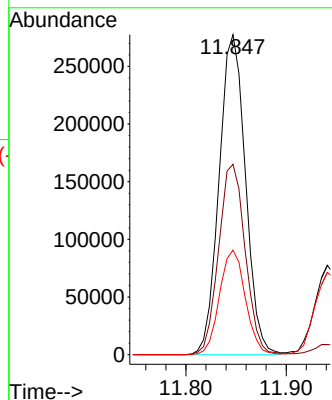
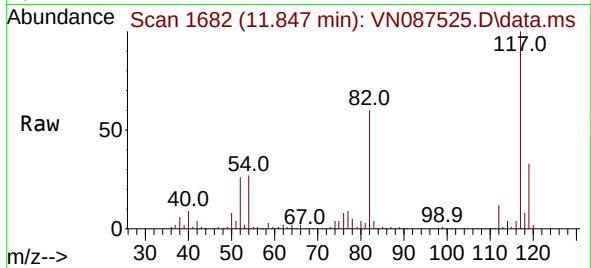




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

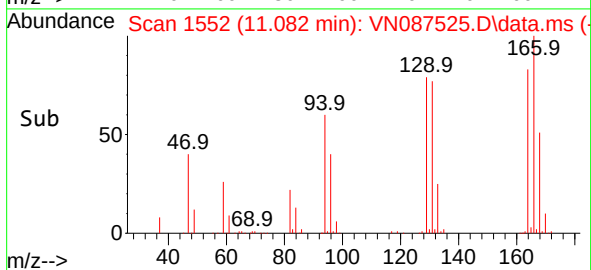
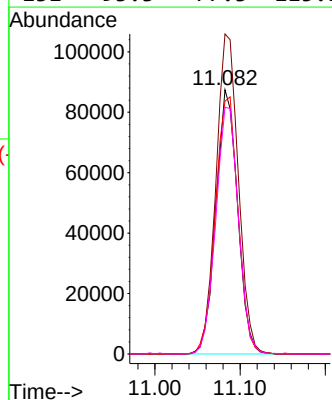
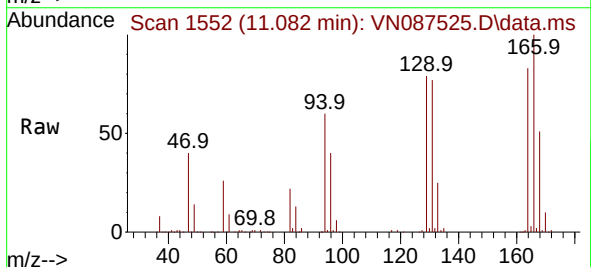
Instrument :  
MSVOA\_N  
ClientSampleId :

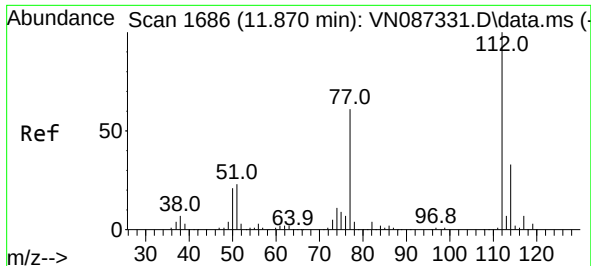
Tgt Ion:117 Resp: 506486  
Ion Ratio Lower Upper  
117 100  
82 59.5 47.4 71.2  
119 32.6 23.8 35.8



#64  
Tetrachloroethene  
Concen: 47.598 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

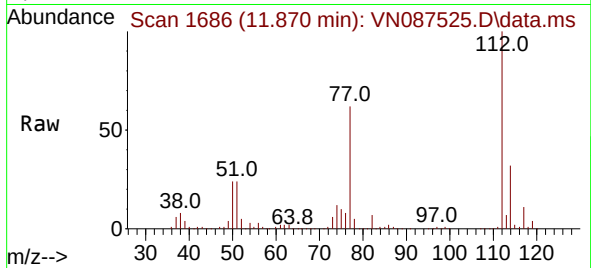
Tgt Ion:164 Resp: 155159  
Ion Ratio Lower Upper  
164 100  
166 121.1 105.5 158.3  
129 95.7 77.4 116.2  
131 93.3 77.3 115.9



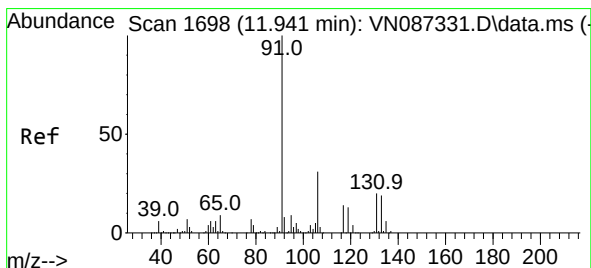
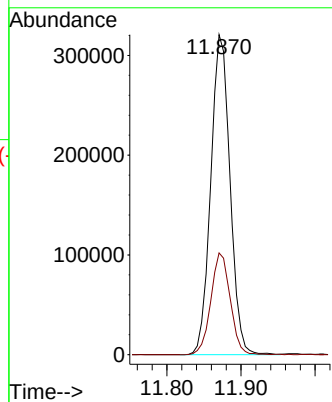
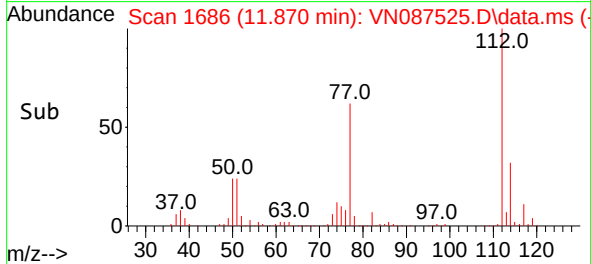


#65  
Chlorobenzene  
Concen: 50.858 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Instrument :  
MSVOA\_N  
ClientSampleId :

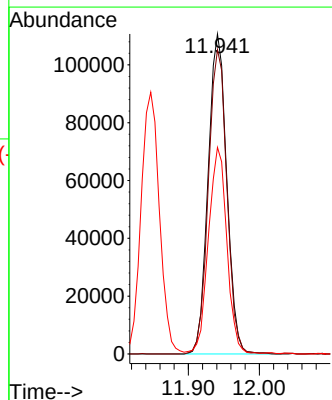
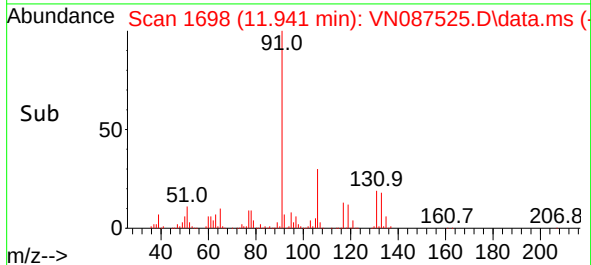
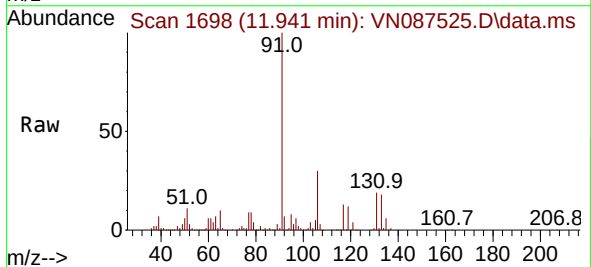


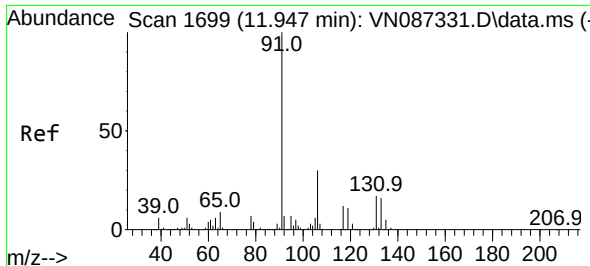
Tgt Ion:112 Resp: 578310  
Ion Ratio Lower Upper  
112 100  
114 31.8 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.143 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion:131 Resp: 201612  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.4 142.3  
119 63.2 33.1 99.2

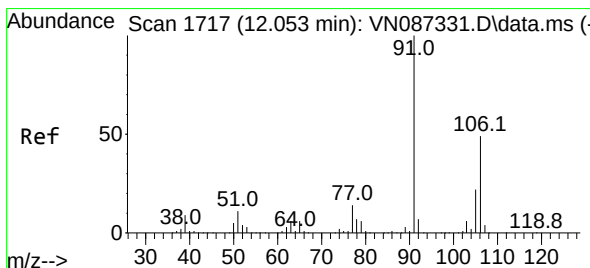
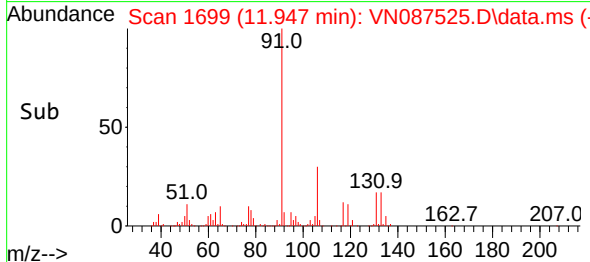
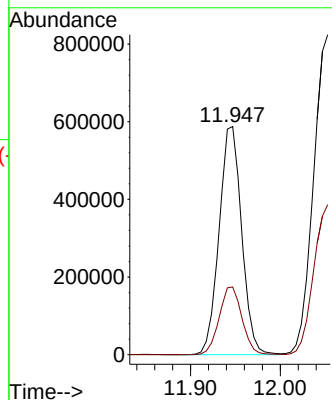
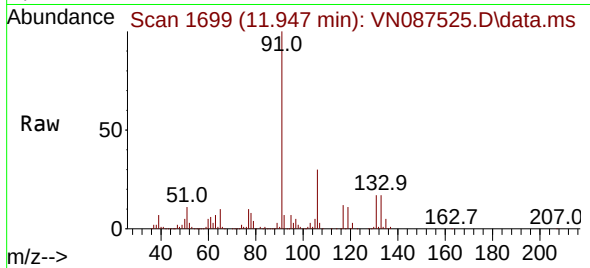




#67  
Ethyl Benzene  
Concen: 54.824 ug/l  
RT: 11.947 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

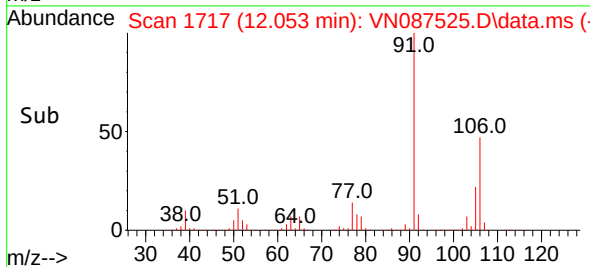
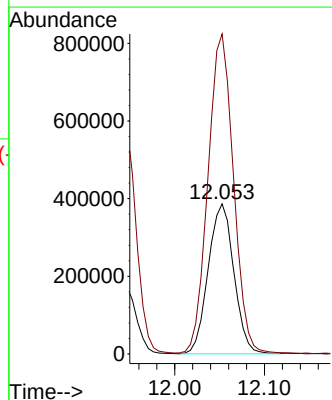
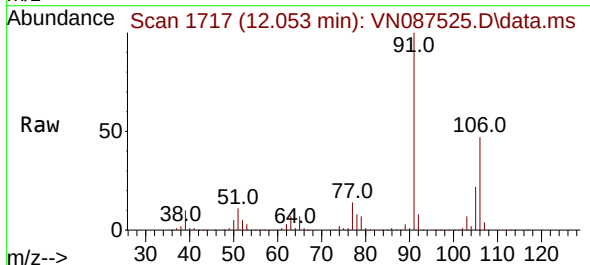
Instrument :  
MSVOA\_N  
ClientSampleId :

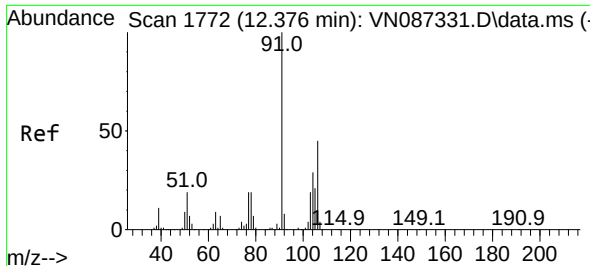
Tgt Ion: 91 Resp: 1026282  
Ion Ratio Lower Upper  
91 100  
106 29.7 24.3 36.5



#68  
m/p-Xylenes  
Concen: 109.123 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion:106 Resp: 764924  
Ion Ratio Lower Upper  
106 100  
91 212.8 162.0 243.0

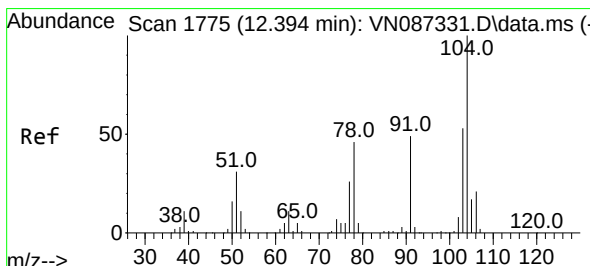
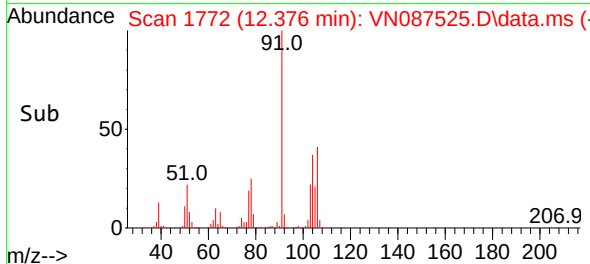
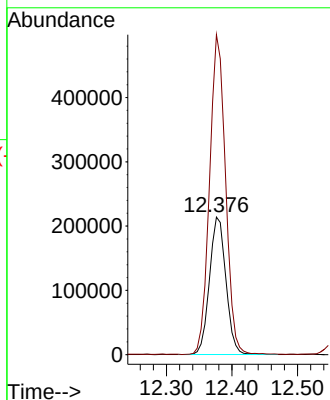
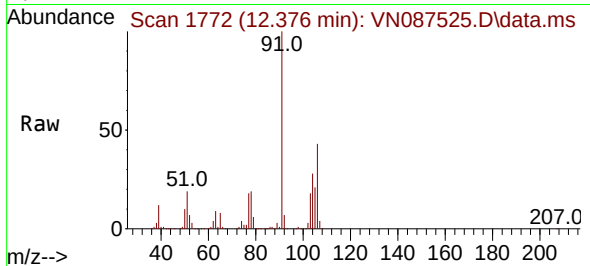




#69  
o-Xylene  
Concen: 55.701 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

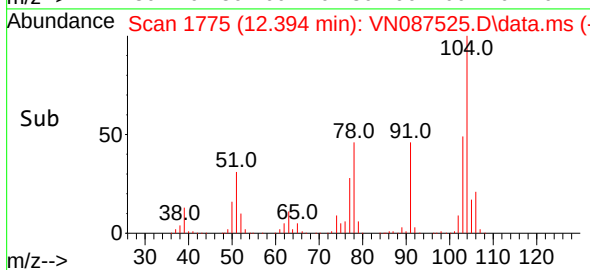
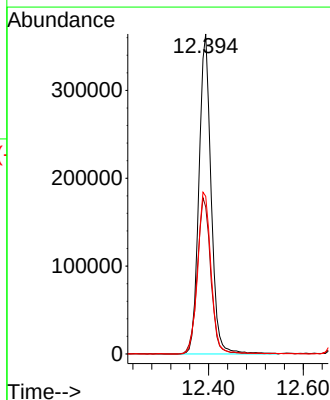
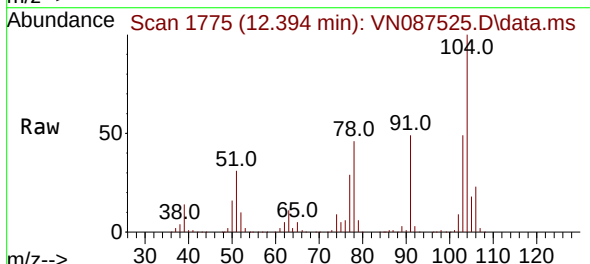
Instrument :  
MSVOA\_N  
ClientSampleId :

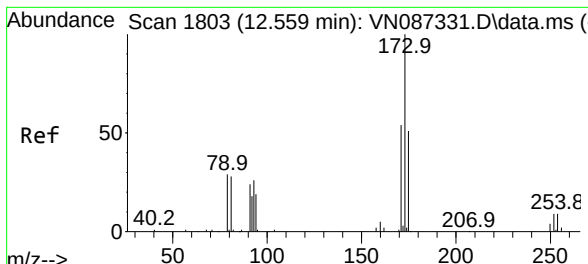
Tgt Ion:106 Resp: 372969  
Ion Ratio Lower Upper  
106 100  
91 226.4 107.7 323.3



#70  
Styrene  
Concen: 57.479 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion:104 Resp: 647435  
Ion Ratio Lower Upper  
104 100  
78 53.7 41.0 61.6  
103 55.3 43.9 65.9

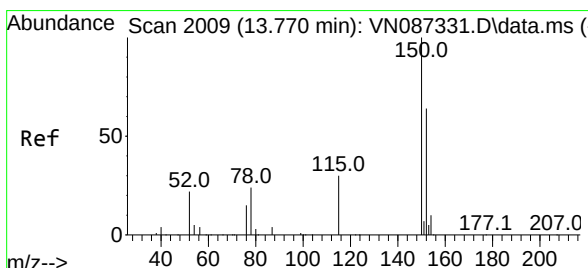
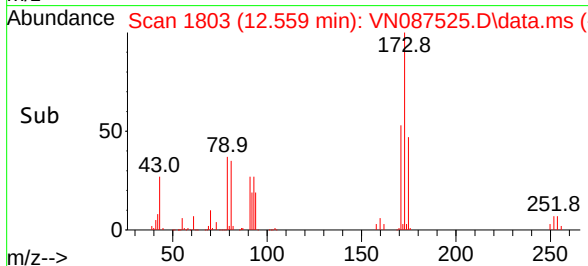
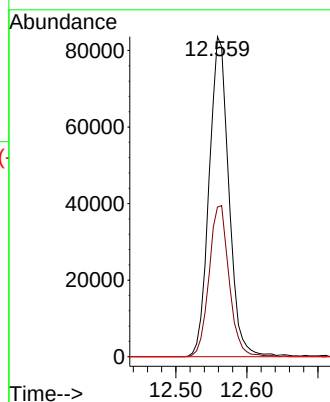
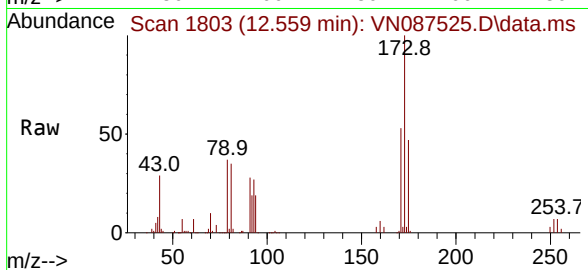




#71  
Bromoform  
Concen: 51.623 ug/l  
RT: 12.559 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

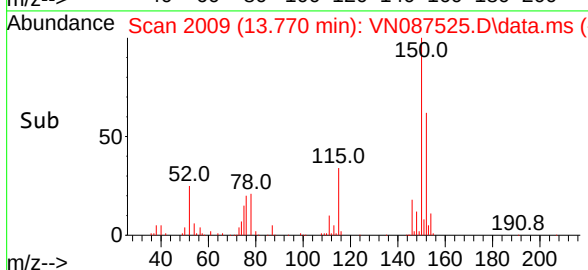
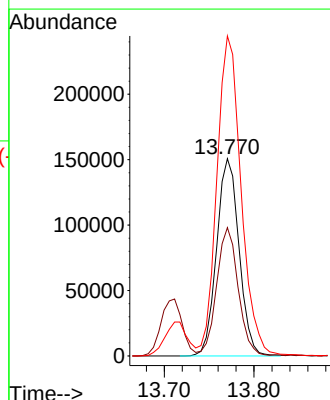
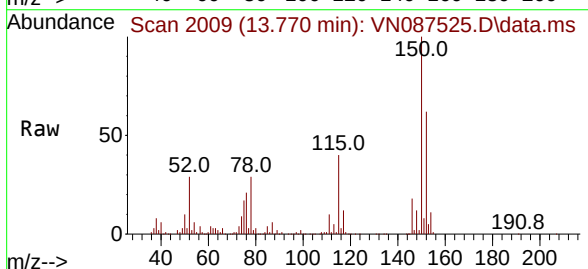
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:173 Resp: 161255  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.1 72.3  
254 0.0 0.0 0.0

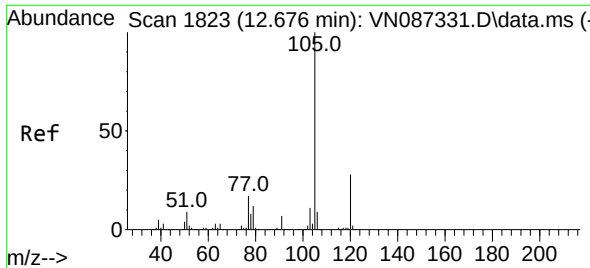


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion:152 Resp: 261423  
Ion Ratio Lower Upper  
152 100  
115 62.3 31.1 93.5  
150 175.2 0.0 349.0



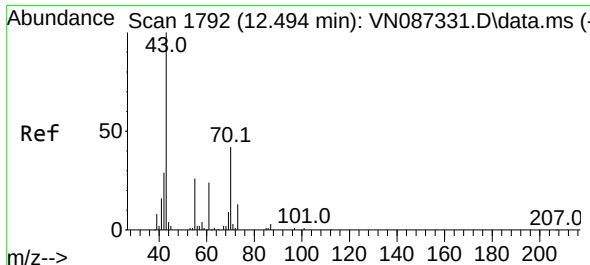
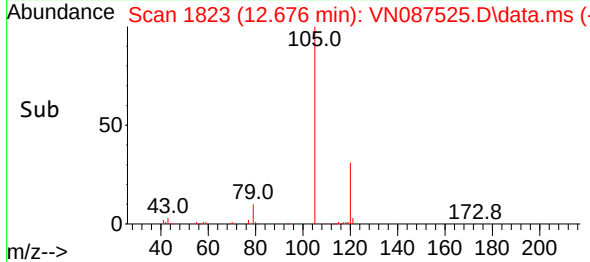
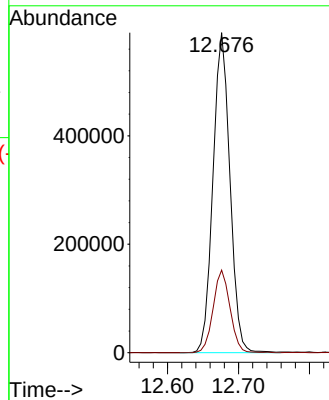
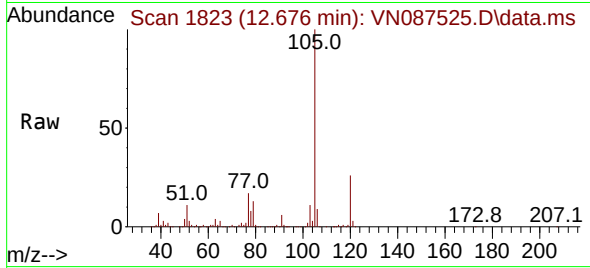




#73  
Isopropylbenzene  
Concen: 59.336 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

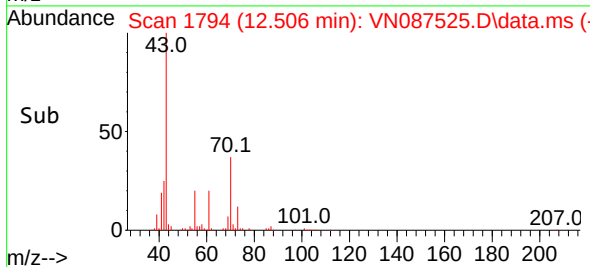
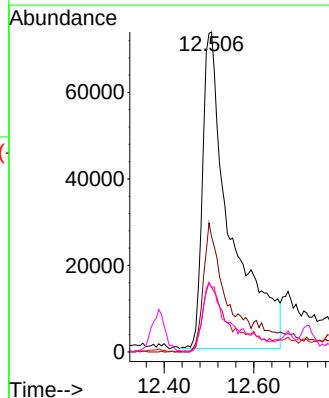
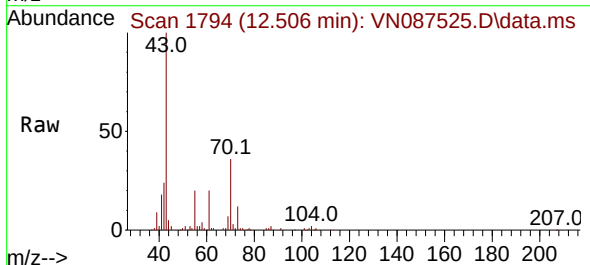
Instrument :  
MSVOA\_N  
ClientSampleId :

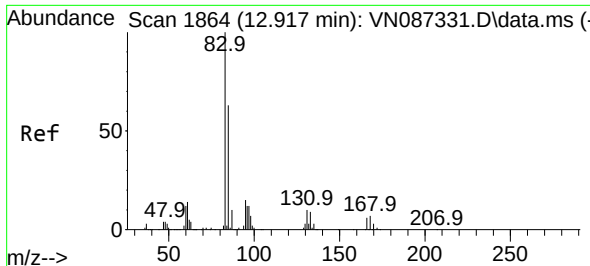
Tgt Ion:105 Resp: 976275  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.4 40.1



#74  
N-ethyl acetate  
Concen: 46.390 ug/l  
RT: 12.506 min Scan# 1794  
Delta R.T. 0.012 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 43 Resp: 317125  
Ion Ratio Lower Upper  
43 100  
70 32.3 37.6 56.4#  
55 18.2 19.6 29.4#  
61 16.7 20.6 31.0#

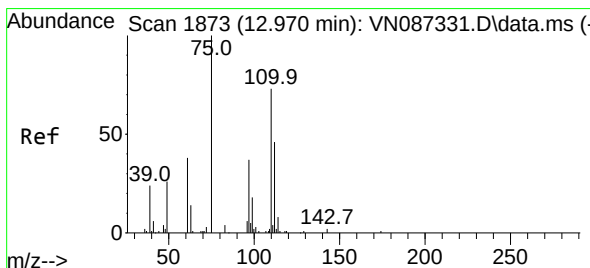
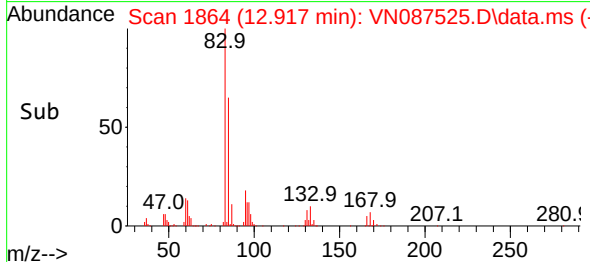
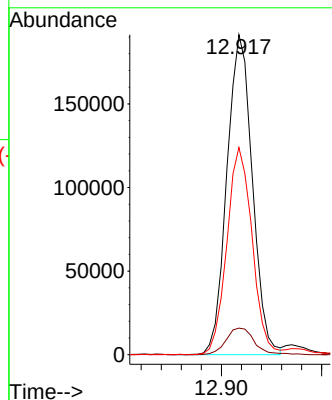
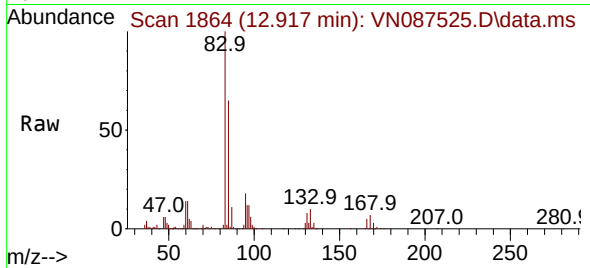




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 54.508 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. 0.000 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

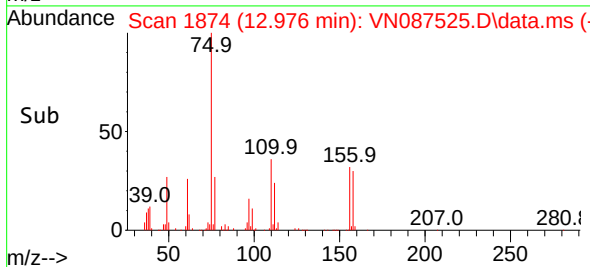
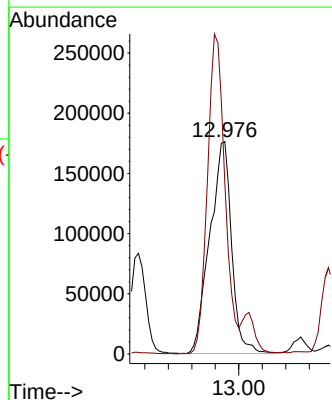
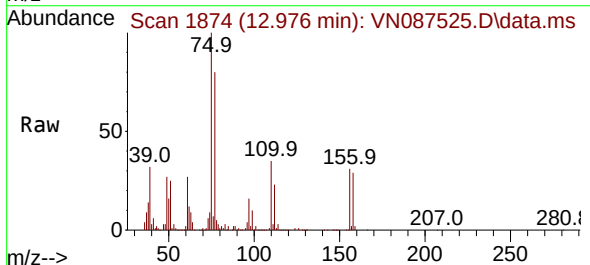
Instrument :  
 MSVOA\_N  
 ClientSampleId :

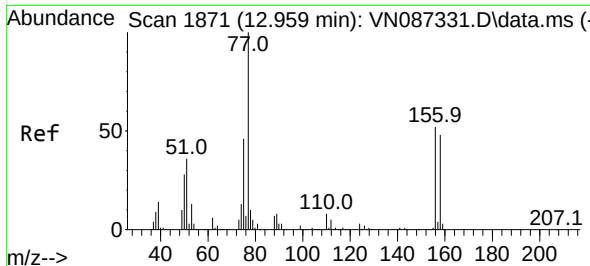
Tgt Ion: 83 Resp: 337465  
 Ion Ratio Lower Upper  
 83 100  
 131 9.3 5.1 15.3  
 85 64.2 32.5 97.4



#76  
 1,2,3-Trichloropropane  
 Concen: 77.042 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. 0.006 min  
 Lab File: VN087525.D  
 Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 451633  
 Ion Ratio Lower Upper  
 75 100  
 77 122.0 94.5 283.6

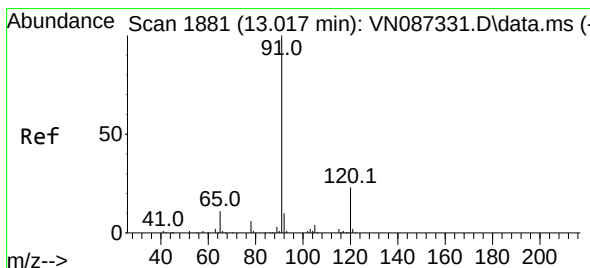
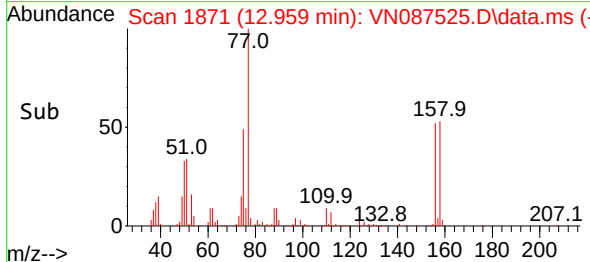
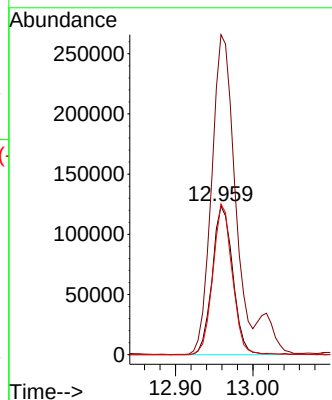
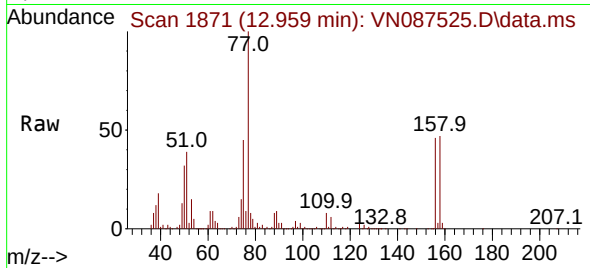




#77  
Bromobenzene  
Concen: 53.342 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

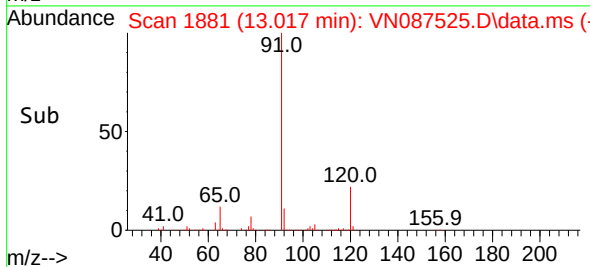
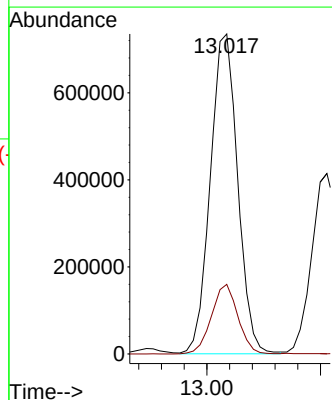
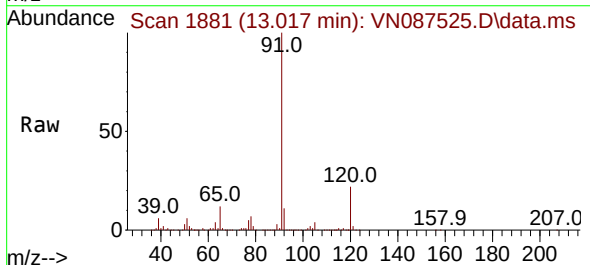
Instrument :  
MSVOA\_N  
ClientSampleId :

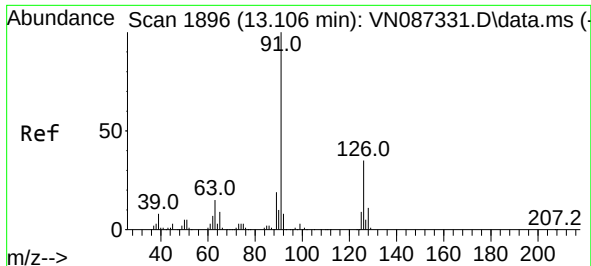
Tgt Ion:156 Resp: 227618  
Ion Ratio Lower Upper  
156 100  
77 242.1 114.9 344.6  
158 96.1 48.5 145.5



#78  
n-propylbenzene  
Concen: 59.467 ug/l  
RT: 13.017 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 1231036  
Ion Ratio Lower Upper  
91 100  
120 21.0 11.3 33.8

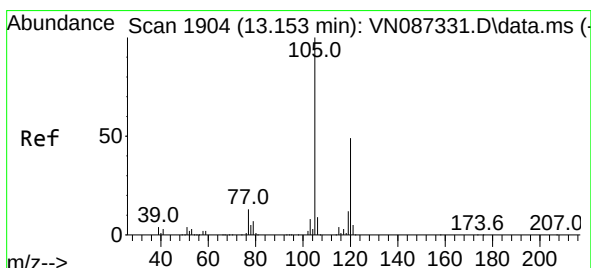
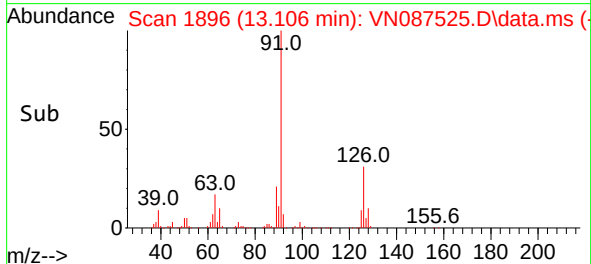
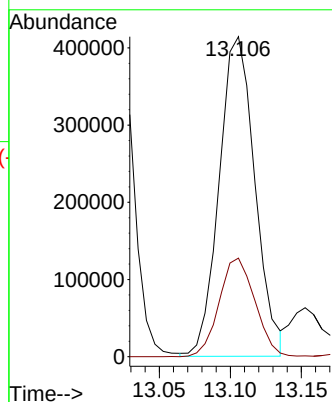
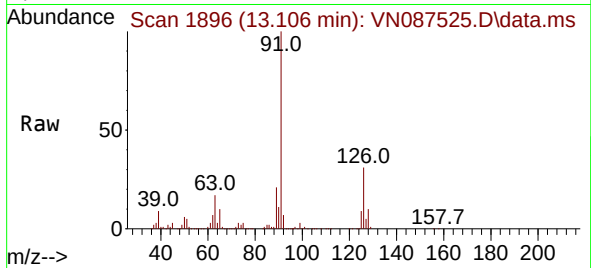




#79  
2-Chlorotoluene  
Concen: 57.031 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

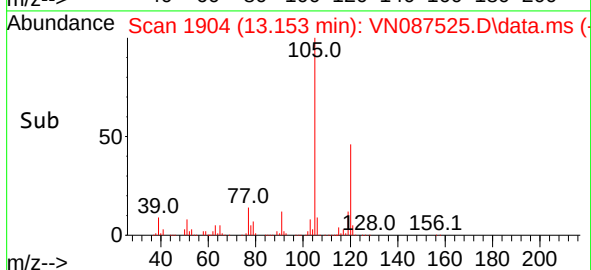
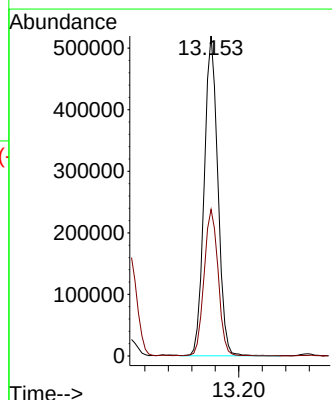
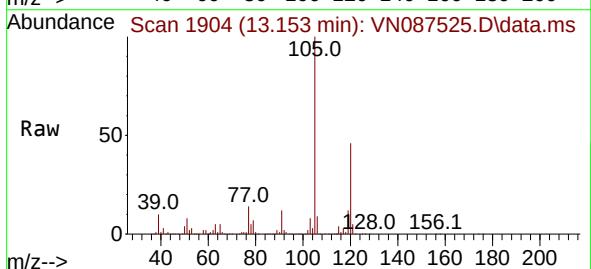
Instrument :  
MSVOA\_N  
ClientSampleId :

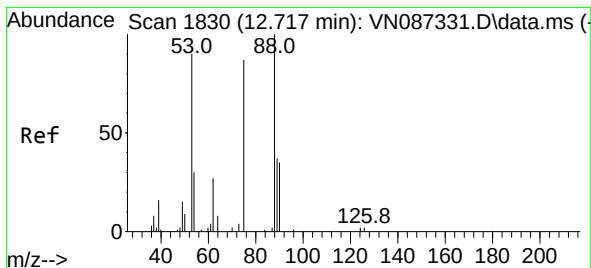
Tgt Ion: 91 Resp: 725577  
Ion Ratio Lower Upper  
91 100  
126 30.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 59.782 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 105 Resp: 838061  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.3 72.8

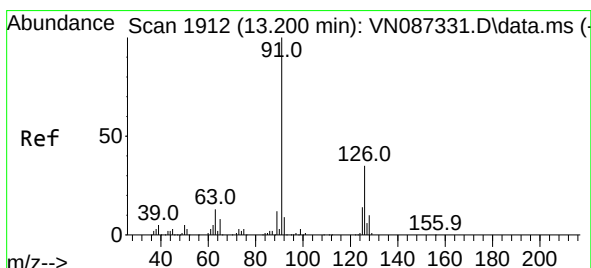
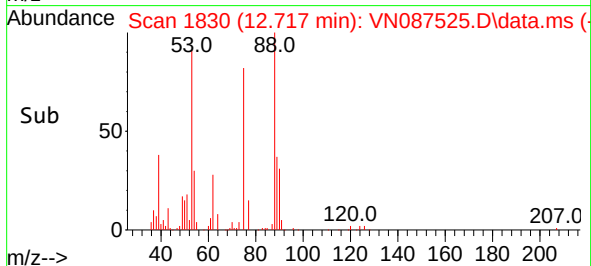
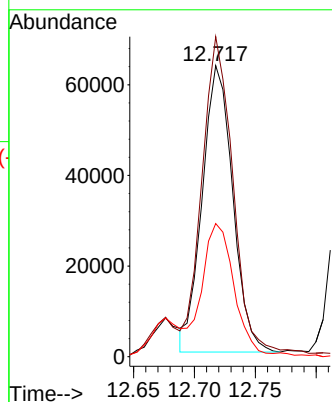
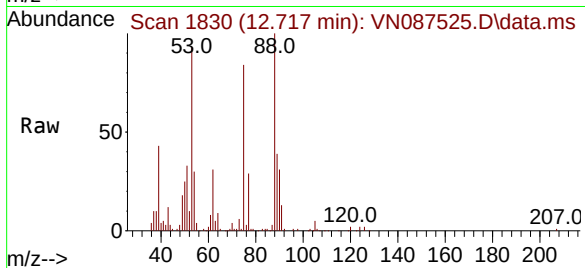




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.454 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

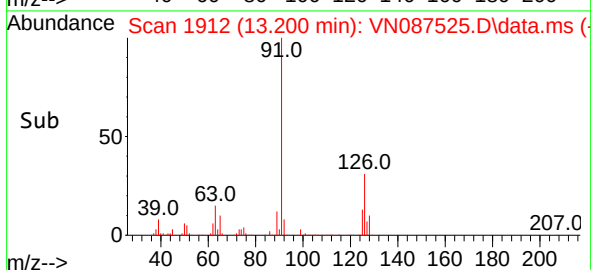
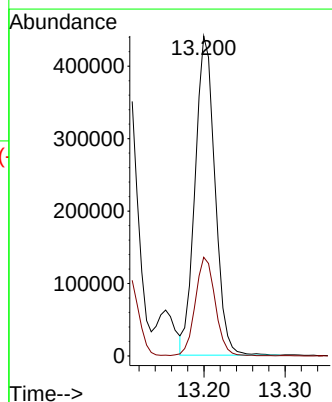
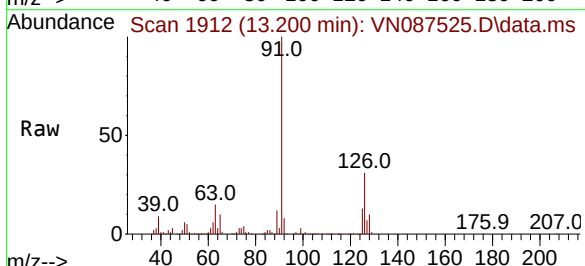
Instrument :  
MSVOA\_N  
ClientSampleId :

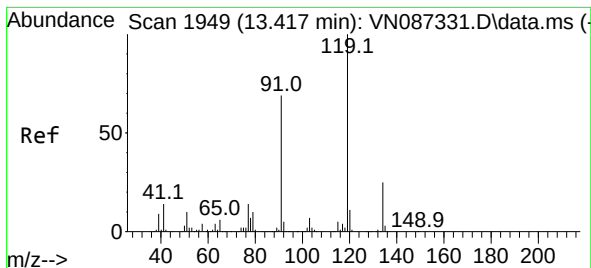
Tgt Ion: 75 Resp: 110240  
Ion Ratio Lower Upper  
75 100  
53 115.9 83.5 125.3  
89 51.0 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 56.480 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 91 Resp: 748122  
Ion Ratio Lower Upper  
91 100  
126 31.2 16.6 49.7





#83

tert-Butylbenzene

Concen: 61.085 ug/l

RT: 13.417 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

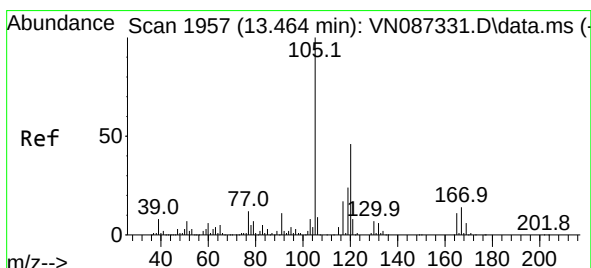
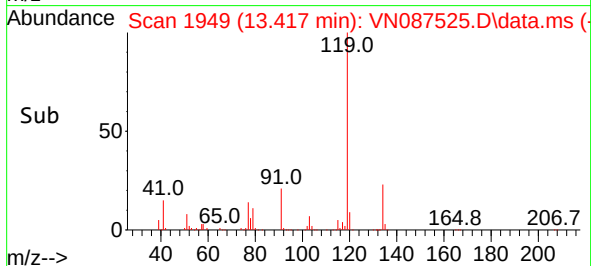
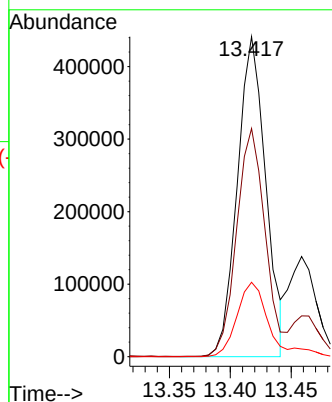
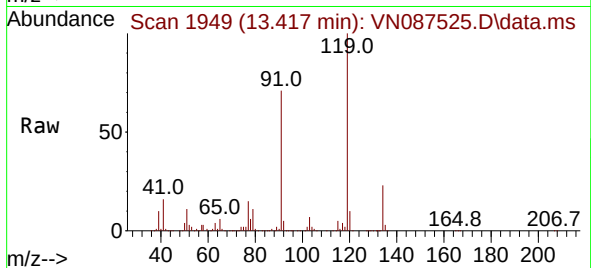
Tgt Ion:119 Resp: 715212

Ion Ratio Lower Upper

119 100

91 72.5 35.0 105.1

134 26.3 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 60.126 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087525.D

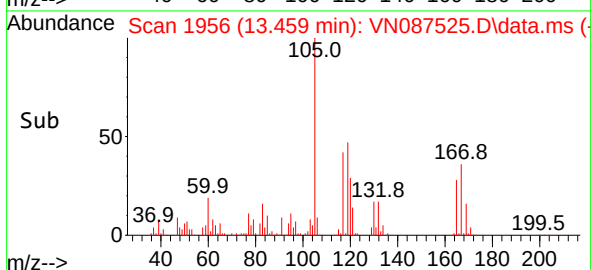
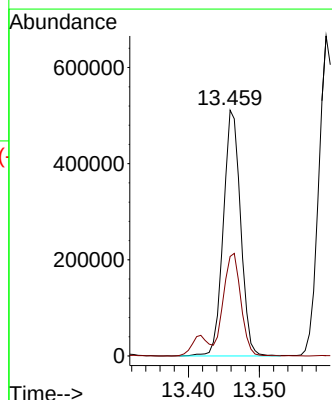
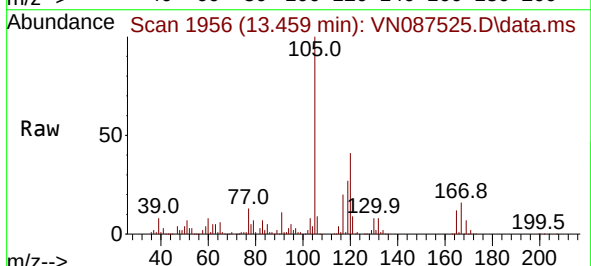
Acq: 13 Aug 2025 10:57

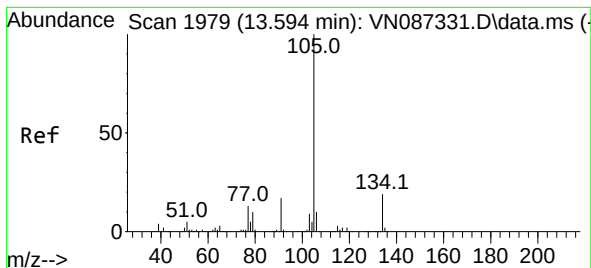
Tgt Ion:105 Resp: 860772

Ion Ratio Lower Upper

105 100

120 41.9 22.8 68.3





#85

sec-Butylbenzene

Concen: 60.493 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

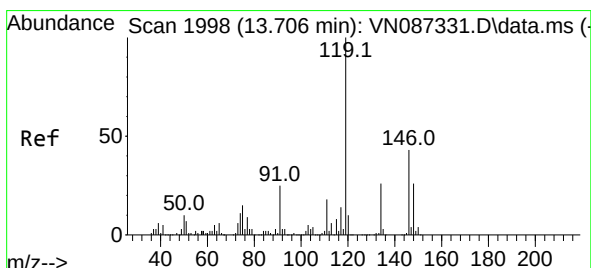
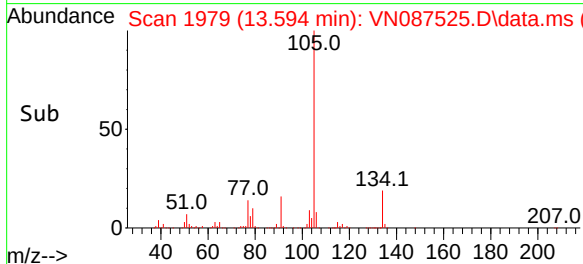
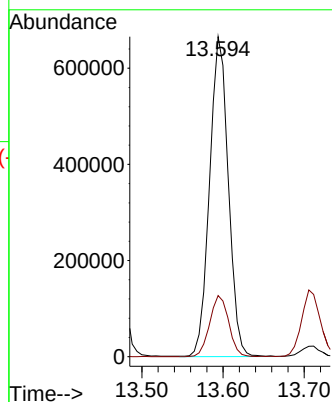
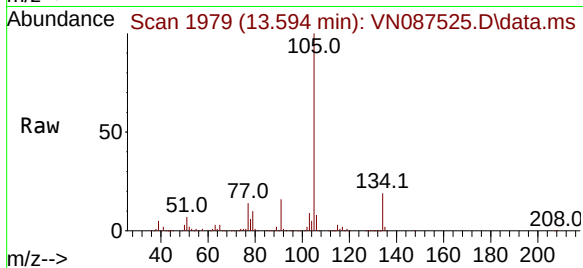
ClientSampleId :

Tgt Ion:105 Resp: 1066866

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 62.051 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

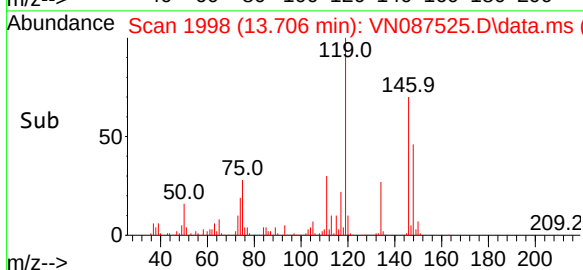
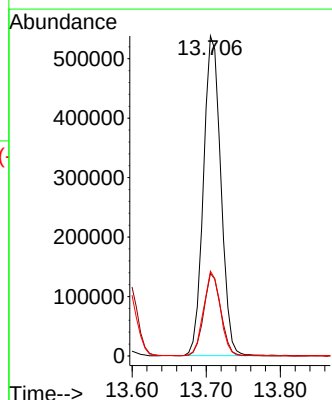
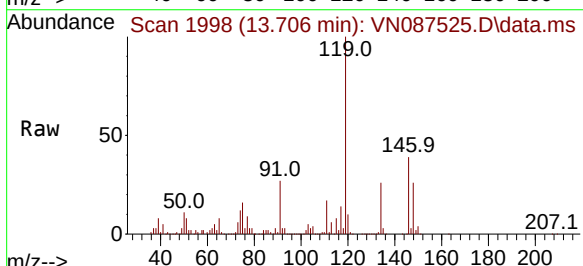
Tgt Ion:119 Resp: 877004

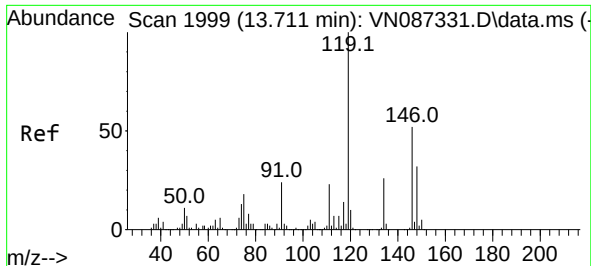
Ion Ratio Lower Upper

119 100

134 25.5 13.5 40.5

91 25.8 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.590 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

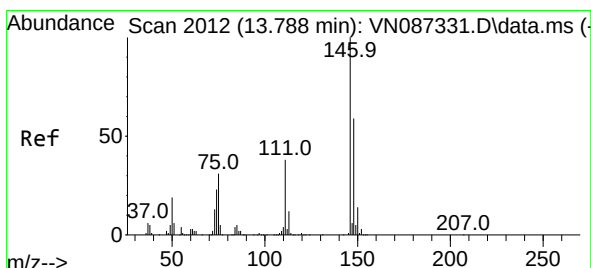
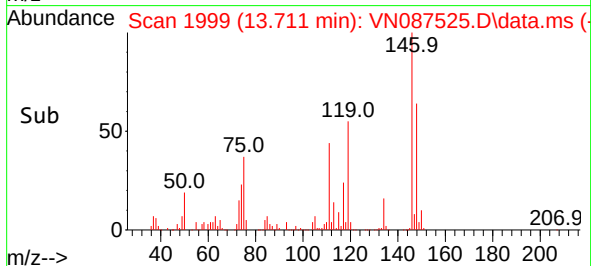
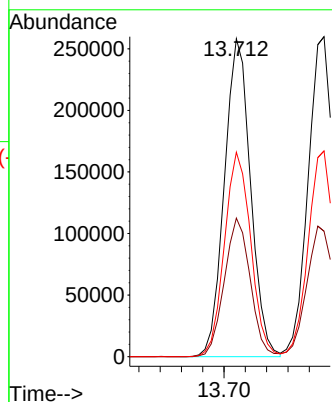
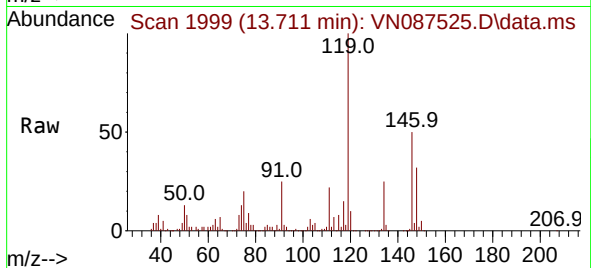
Tgt Ion:146 Resp: 440423

Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.3

148 64.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.863 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

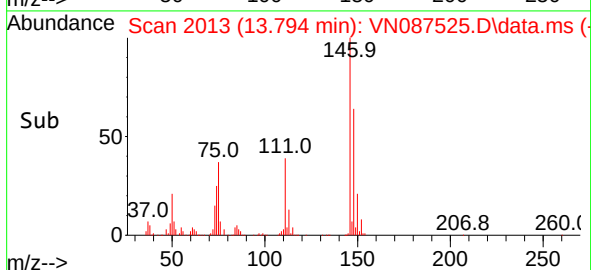
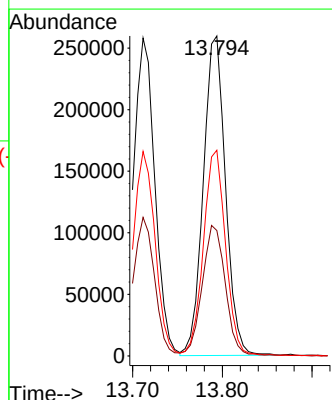
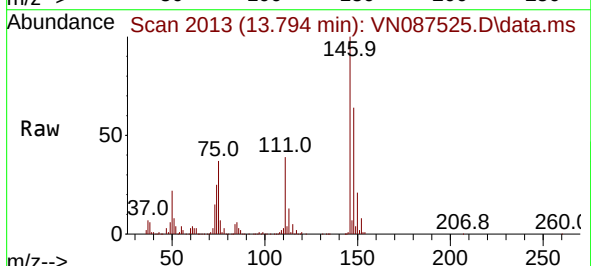
Tgt Ion:146 Resp: 445992

Ion Ratio Lower Upper

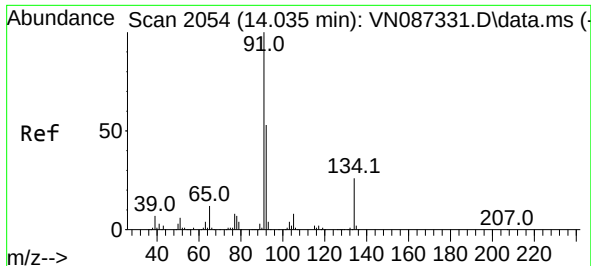
146 100

111 43.1 19.6 58.7

148 64.5 31.4 94.0



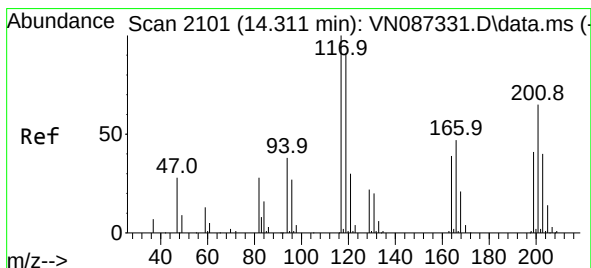
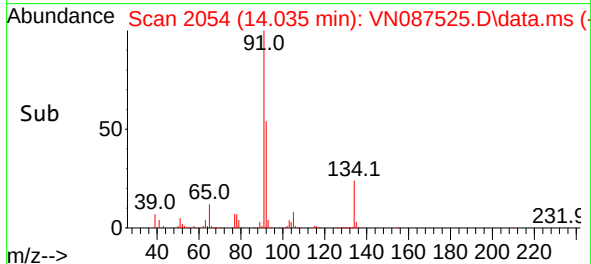
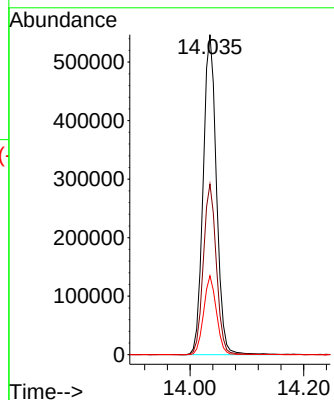
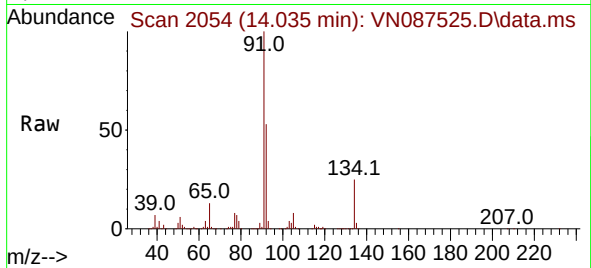




#89  
n-Butylbenzene  
Concen: 65.611 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

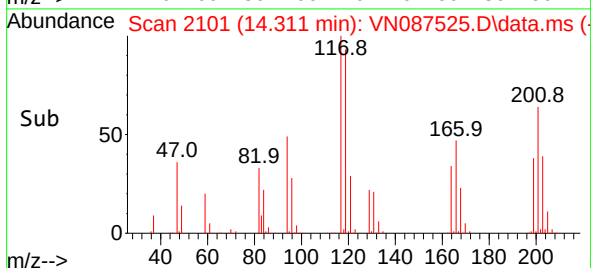
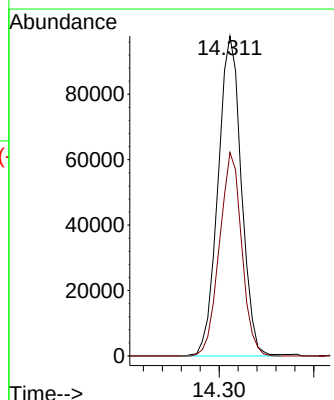
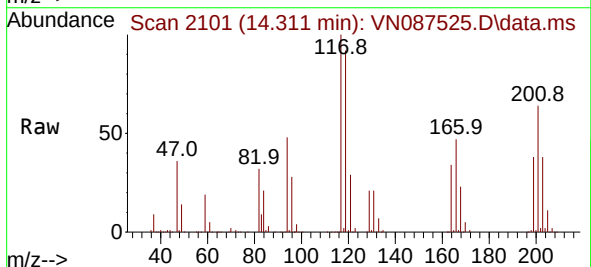
Instrument :  
MSVOA\_N  
ClientSampleId :

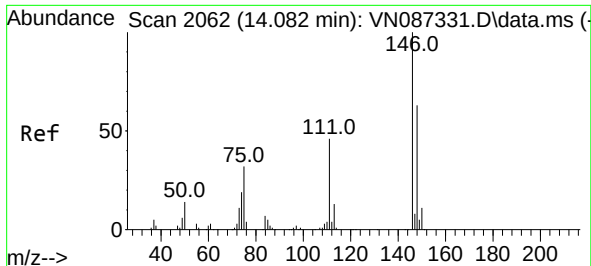
Tgt Ion: 91 Resp: 885464  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.2 78.6  
134 23.6 12.4 37.2



#90  
Hexachloroethane  
Concen: 55.901 ug/l  
RT: 14.311 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 117 Resp: 167399  
Ion Ratio Lower Upper  
117 100  
201 60.7 32.8 98.4

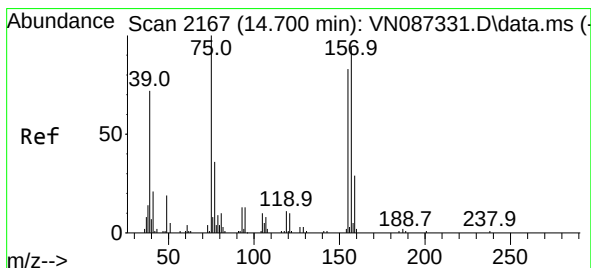
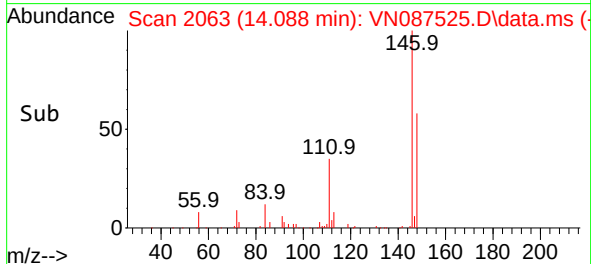
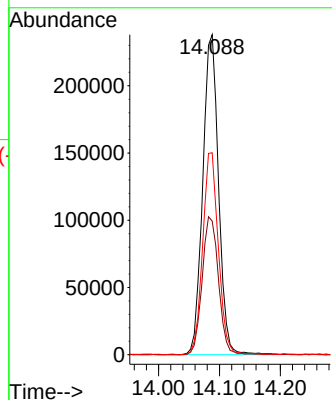
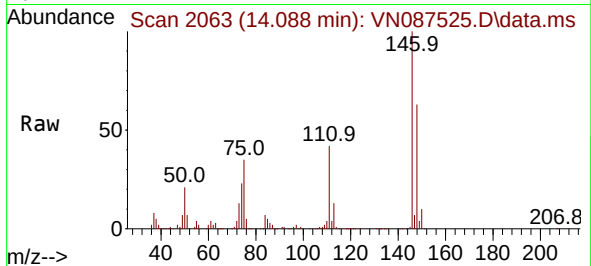




#91  
1,2-Dichlorobenzene  
Concen: 54.195 ug/l  
RT: 14.088 min Scan# 2062  
Delta R.T. 0.006 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

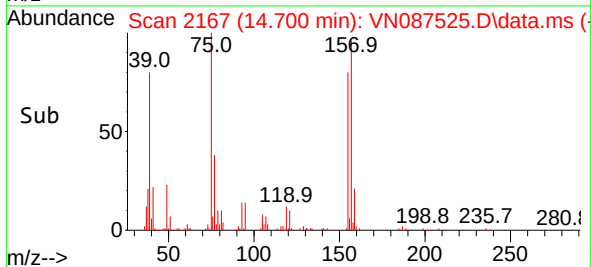
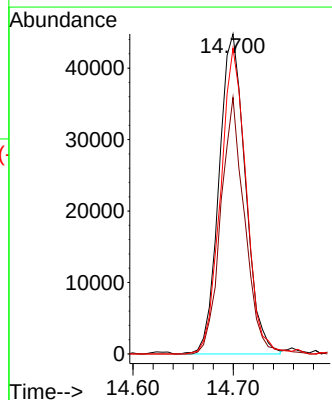
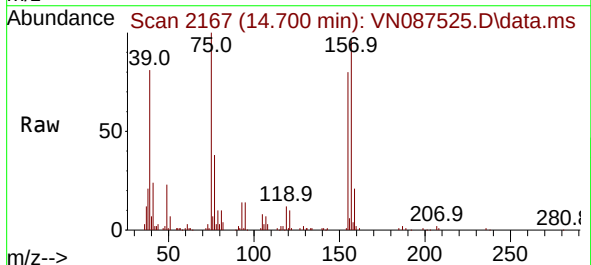
Instrument :  
MSVOA\_N  
ClientSampleId :

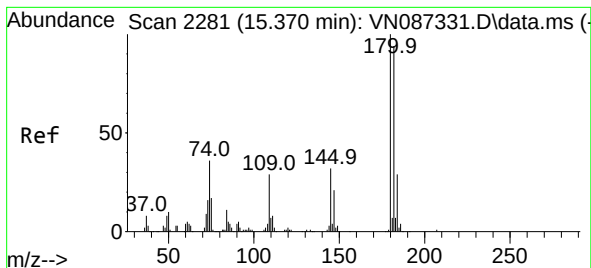
Tgt Ion:146 Resp: 429970  
Ion Ratio Lower Upper  
146 100  
111 44.5 22.0 66.0  
148 62.7 32.7 98.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 50.215 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: VN087525.D  
Acq: 13 Aug 2025 10:57

Tgt Ion: 75 Resp: 81622  
Ion Ratio Lower Upper  
75 100  
155 73.0 37.3 111.8  
157 93.0 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 56.161 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

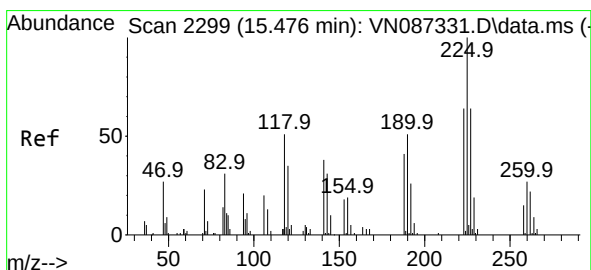
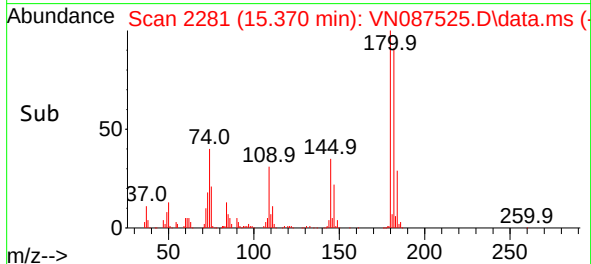
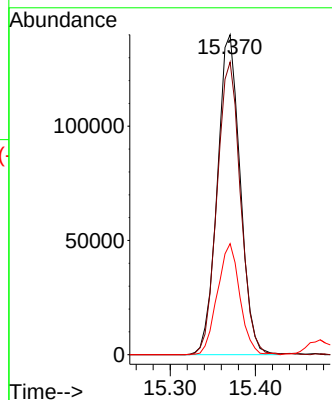
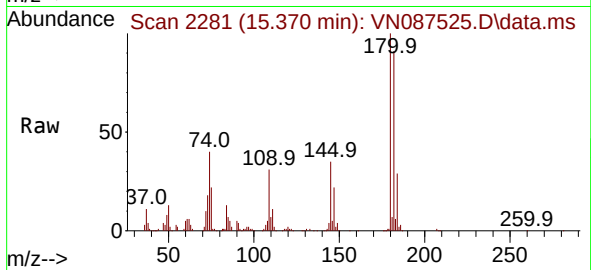
Tgt Ion:180 Resp: 261731

Ion Ratio Lower Upper

180 100

182 93.5 47.3 141.8

145 34.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 57.185 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

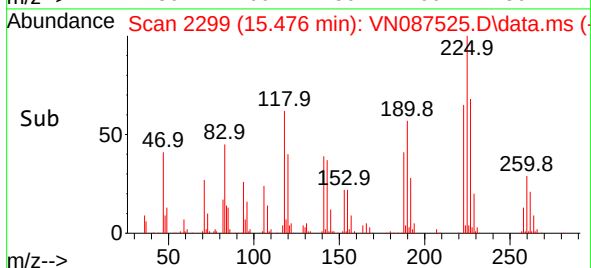
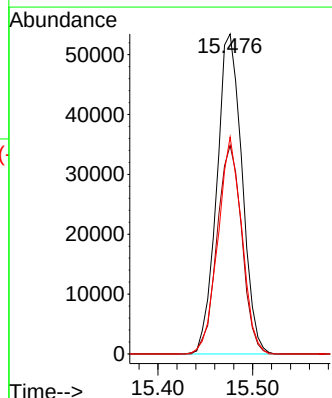
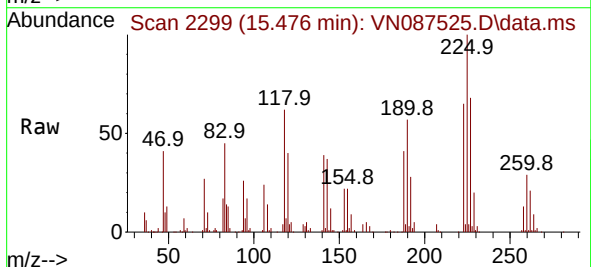
Tgt Ion:225 Resp: 99026

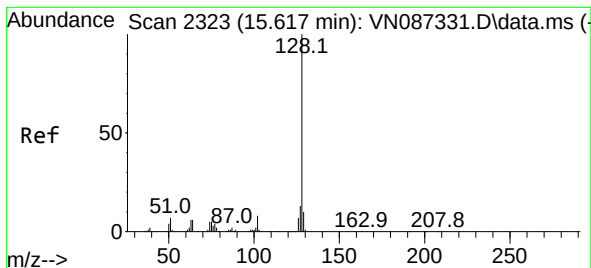
Ion Ratio Lower Upper

225 100

223 64.0 32.1 96.3

227 63.9 31.3 93.9





#95

Naphthalene

Concen: 58.414 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Instrument :

MSVOA\_N

ClientSampleId :

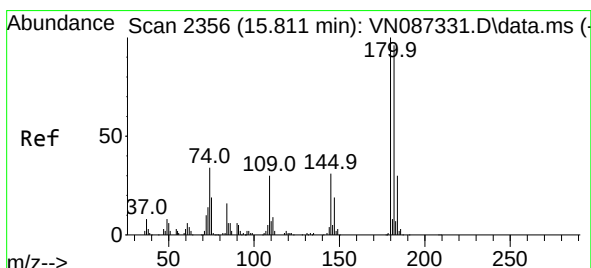
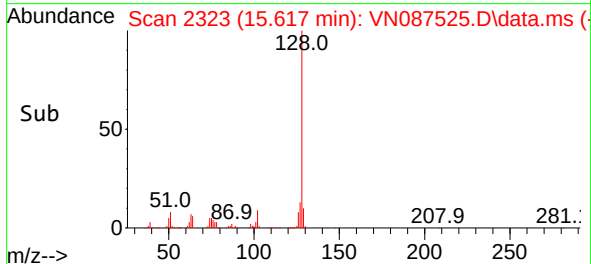
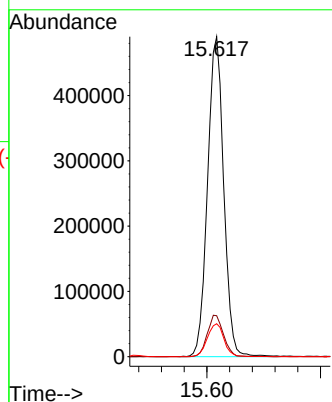
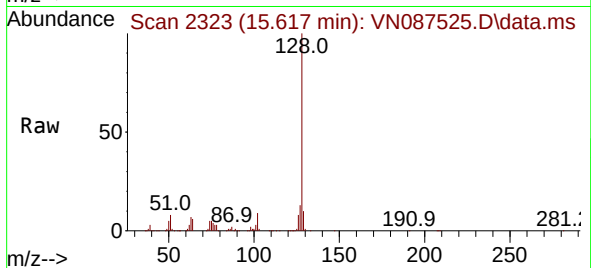
Tgt Ion:128 Resp: 964411

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.411 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN087525.D

Acq: 13 Aug 2025 10:57

Tgt Ion:180 Resp: 245014

Ion Ratio Lower Upper

180 100

182 98.0 47.1 141.4

145 36.3 16.9 50.6

