

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081525\  
 Data File : VN087584.D  
 Acq On : 15 Aug 2025 16:02  
 Operator : JC\MD  
 Sample : VN0815MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 18 05:45:45 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      | 8.212  | 168  | 260848   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.088  | 114  | 520438   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 470615   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 238094   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.565  | 65    | 243295   | 54.969   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 109.940% |      |
| 35) Dibromofluoromethane    | 8.153  | 113   | 170992   | 47.630   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 95.260%  |      |
| 50) Toluene-d8              | 10.547 | 98    | 613711   | 47.924   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 95.840%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 237971   | 50.299   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 100.600% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 65346   | 23.586  | ug/l   | 93  |
| 3) Chloromethane             | 2.389 | 50  | 66322   | 19.036  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.542 | 62  | 76063   | 21.968  | ug/l   | 95  |
| 5) Bromomethane              | 2.983 | 94  | 34386   | 19.178  | ug/l   | 93  |
| 6) Chloroethane              | 3.142 | 64  | 50058   | 22.169  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.518 | 101 | 112288  | 21.932  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.959 | 74  | 51416   | 25.889  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 58644   | 22.313  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.589 | 142 | 34601   | 16.987  | ug/l   | 90  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 103134  | 122.719 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 64280   | 21.583  | ug/l   | 95  |
| 13) Acrolein                 | 4.177 | 56  | 58887   | 87.312  | ug/l   | 98  |
| 14) Allyl chloride           | 5.018 | 41  | 111148  | 20.622  | ug/l   | 90  |
| 15) Acrylonitrile            | 5.712 | 53  | 236403  | 103.661 | ug/l   | 95  |
| 16) Acetone                  | 4.424 | 43  | 232140  | 111.862 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.706 | 76  | 154862  | 17.539  | ug/l # | 94  |
| 18) Methyl Acetate           | 5.018 | 43  | 135312  | 25.953  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 265235  | 24.162  | ug/l   | 92  |
| 20) Methylene Chloride       | 5.259 | 84  | 75420   | 21.129  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 65630   | 19.544  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.665 | 45  | 266514  | 23.573  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.594 | 43  | 1188363 | 120.183 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.559 | 63  | 138465  | 21.229  | ug/l   | 97  |
| 25) 2-Butanone               | 7.471 | 43  | 356054  | 111.043 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.477 | 77  | 112624  | 22.209  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.477 | 96  | 87392   | 22.604  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.800 | 49  | 64763   | 20.746  | ug/l   | 92  |
| 29) Tetrahydrofuran          | 7.829 | 42  | 218654  | 104.971 | ug/l   | 97  |
| 30) Chloroform               | 7.953 | 83  | 146917  | 22.503  | ug/l   | 98  |
| 31) Cyclohexane              | 8.241 | 56  | 117517  | 21.597  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.153 | 97  | 123324  | 21.809  | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 8.359 | 75  | 94048   | 19.829  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 132266  | 19.309  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.347 | 117 | 97562   | 18.673  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.582 | 83  | 103251  | 20.107  | ug/l   | 97  |
| 40) Benzene                  | 8.588 | 78  | 301510  | 19.669  | ug/l   | 94  |

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 Sample : VN0815MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 18 05:45:45 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         | 7.771  | 41   | 75960    | 21.208  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 120774   | 20.776  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.676  | 43   | 228889   | 21.525  | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 66098    | 18.248  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 77317    | 19.850  | ug/l   | 95       |
| 46) Dibromomethane            | 9.694  | 93   | 60003    | 20.575  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.871  | 83   | 118544   | 20.180  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.665  | 41   | 103306   | 21.580  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 31980    | 436.172 | ug/l # | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.429 | 43   | 699469   | 104.003 | ug/l   | 99       |
| 52) Toluene                   | 10.612 | 92   | 184471   | 19.798  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 121219   | 20.390  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 127242   | 20.721  | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 11.000 | 97   | 76530    | 20.288  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 132115   | 21.594  | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 135674   | 20.802  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 339618   | 109.752 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.182 | 43   | 463193   | 103.806 | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.341 | 129  | 81101    | 18.852  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.453 | 107  | 79998    | 20.170  | ug/l   | 94       |
| 64) Tetrachloroethene         | 11.082 | 164  | 52128    | 17.210  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.870 | 112  | 204545   | 19.359  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 72500    | 20.180  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.941 | 91   | 360051   | 20.700  | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.053 | 106  | 266723   | 40.951  | ug/l   | 95       |
| 69) o-Xylene                  | 12.376 | 106  | 131044   | 21.063  | ug/l   | 93       |
| 70) Styrene                   | 12.394 | 104  | 221982   | 21.209  | ug/l   | 95       |
| 71) Bromoform                 | 12.559 | 173  | 50211    | 17.299  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.676 | 105  | 340037   | 22.692  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.535 | 43   | 35266    | 5.664   | ug/l # | 70       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 119858   | 21.257  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 155412   | 29.108  | ug/l   | 56       |
| 77) Bromobenzene              | 12.959 | 156  | 80901    | 20.817  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.017 | 91   | 421612   | 22.362  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 256199   | 22.111  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 281674   | 22.061  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.723 | 75   | 31462    | 16.124  | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 259966   | 21.549  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 244351   | 22.914  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 293923   | 22.543  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 357702   | 22.270  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 295353   | 22.945  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 155759   | 20.421  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.794 | 146  | 159198   | 19.543  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.035 | 91   | 289115   | 23.522  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.311 | 117  | 53190    | 19.503  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 150250   | 20.794  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 27999    | 18.913  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 90154    | 21.240  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 33046    | 20.953  | ug/l   | 96       |
| 95) Naphthalene               | 15.611 | 128  | 338816   | 22.533  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 88296    | 20.738  | ug/l   | 98       |

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Sample : VN0815MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 13 Sample Multiplier: 1

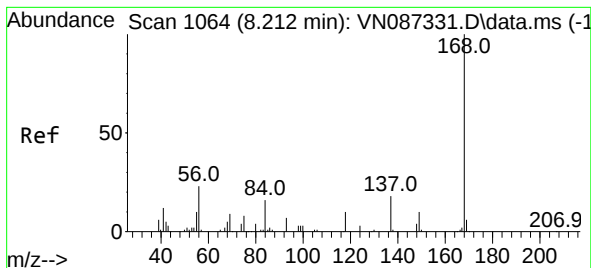
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Aug 18 05:45:45 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

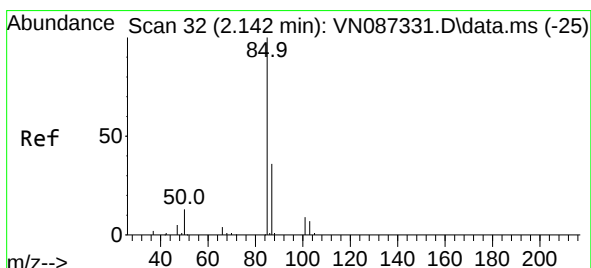
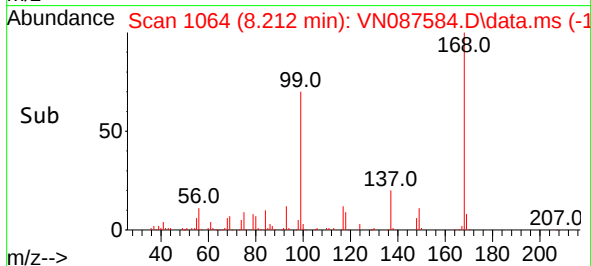
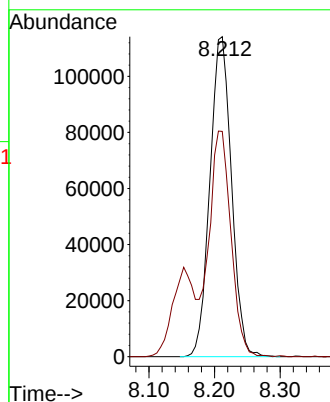
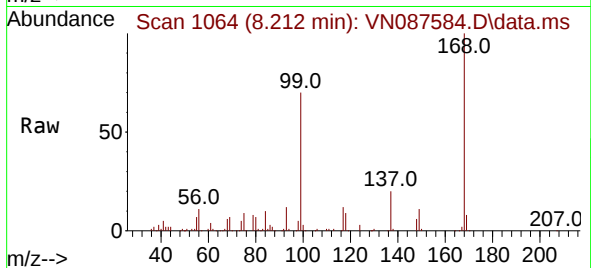




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

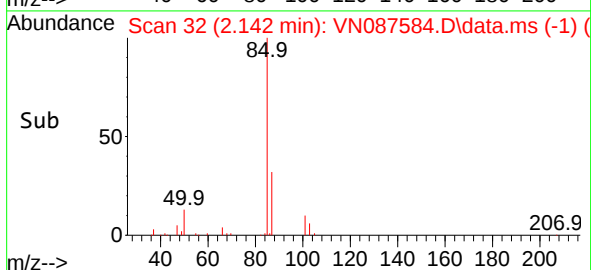
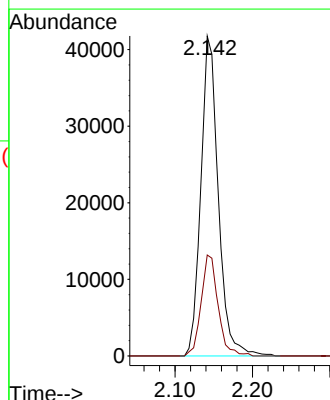
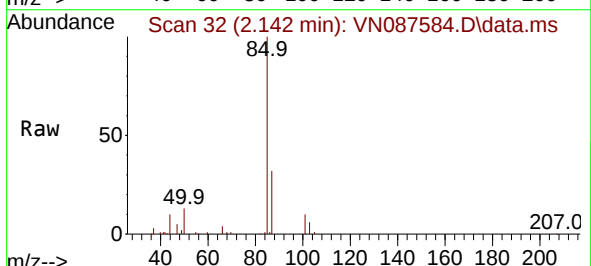
Instrument :  
MSVOA\_N  
ClientSampleId :

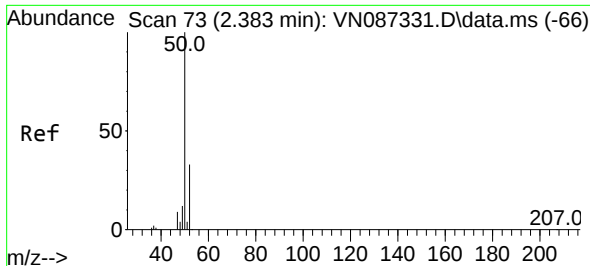
Tgt Ion:168 Resp: 260848  
Ion Ratio Lower Upper  
168 100  
99 70.1 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 23.586 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 85 Resp: 65346  
Ion Ratio Lower Upper  
85 100  
87 31.5 17.8 53.3

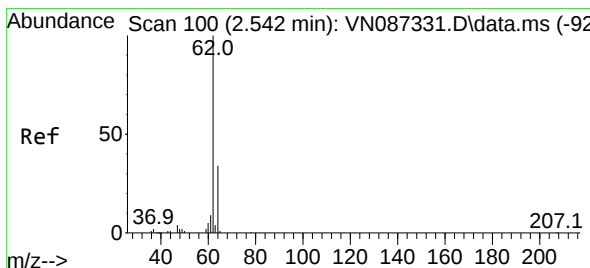
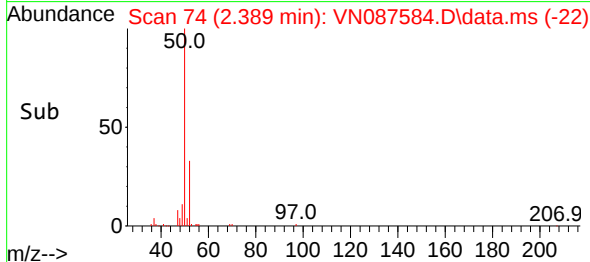
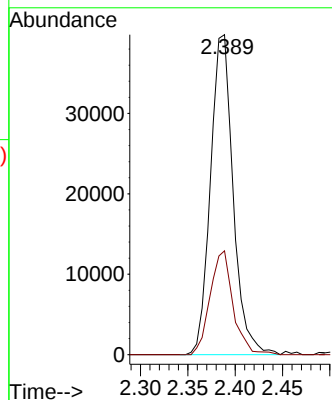
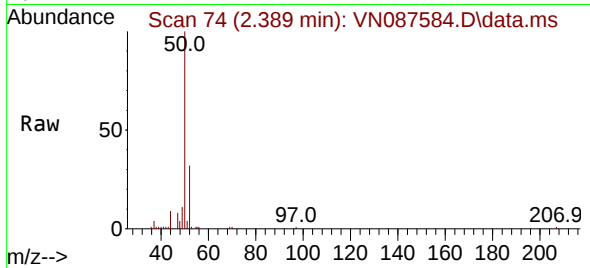




#3  
Chloromethane  
Concen: 19.036 ug/l  
RT: 2.389 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

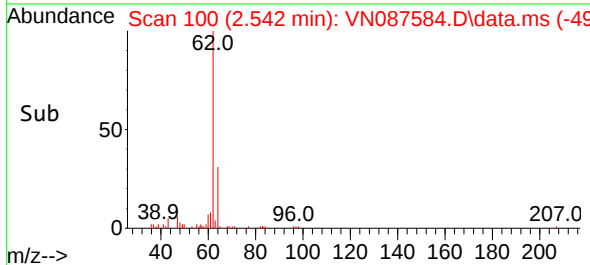
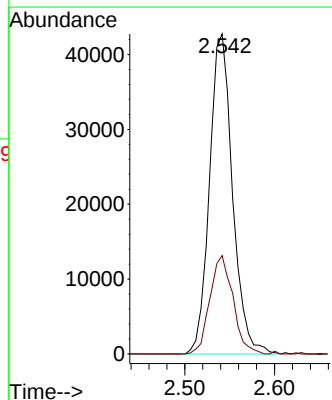
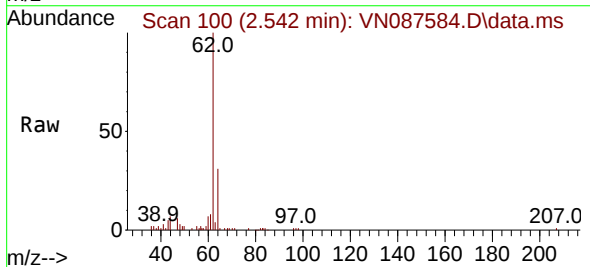
Instrument :  
MSVOA\_N  
ClientSampleId :

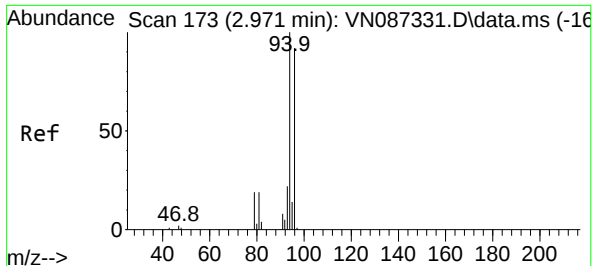
Tgt Ion: 50 Resp: 66322  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.3 39.5



#4  
Vinyl Chloride  
Concen: 21.968 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 62 Resp: 76063  
Ion Ratio Lower Upper  
62 100  
64 30.7 27.0 40.6

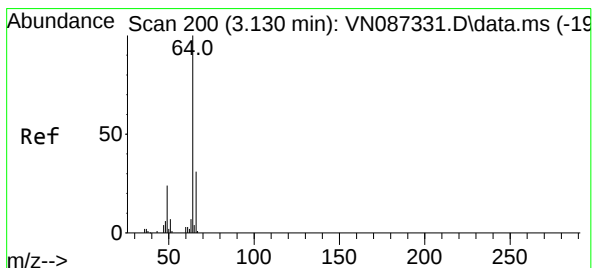
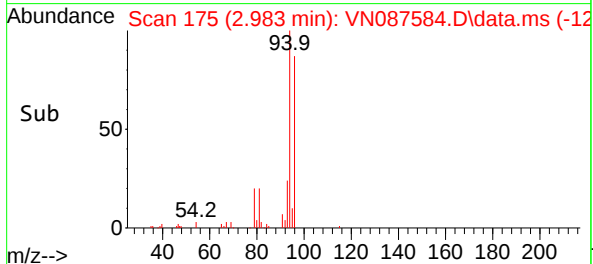
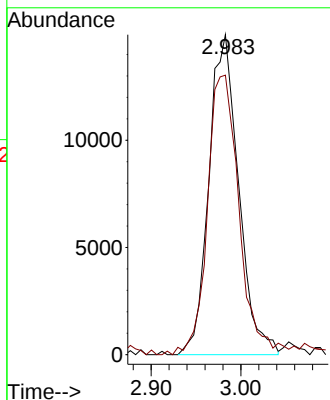
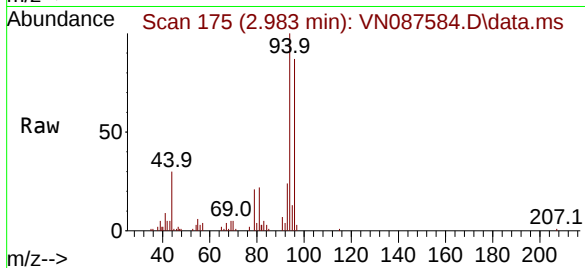




#5  
Bromomethane  
Concen: 19.178 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

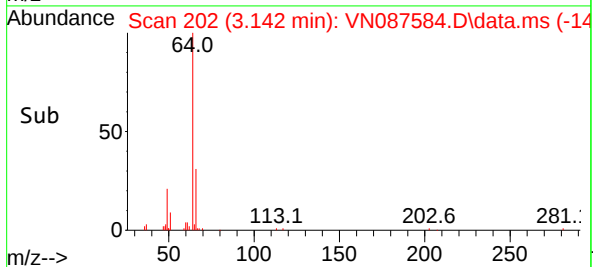
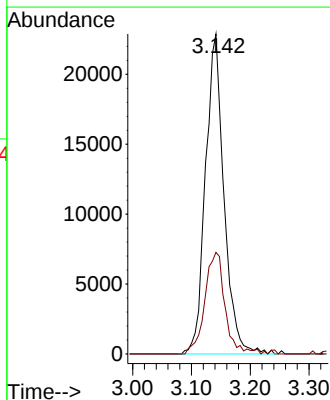
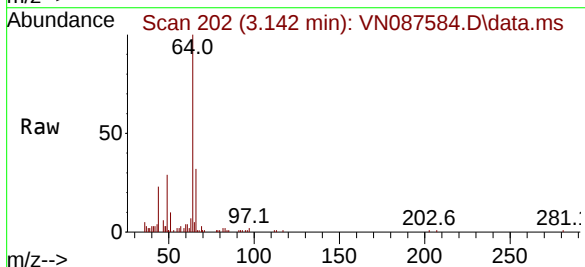
Instrument :  
MSVOA\_N  
ClientSampleId :

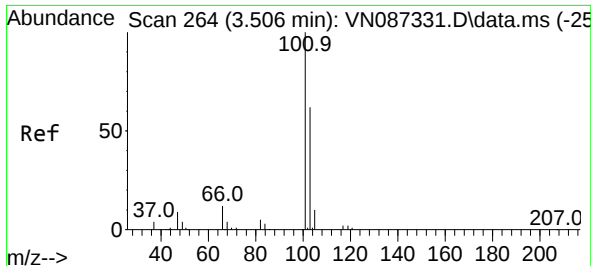
Tgt Ion: 94 Resp: 34386  
Ion Ratio Lower Upper  
94 100  
96 85.1 73.4 110.2



#6  
Chloroethane  
Concen: 22.169 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. 0.012 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 64 Resp: 50058  
Ion Ratio Lower Upper  
64 100  
66 31.8 24.6 36.8

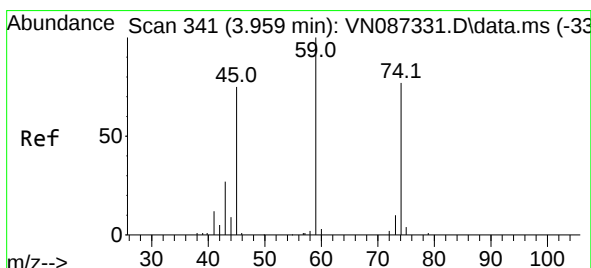
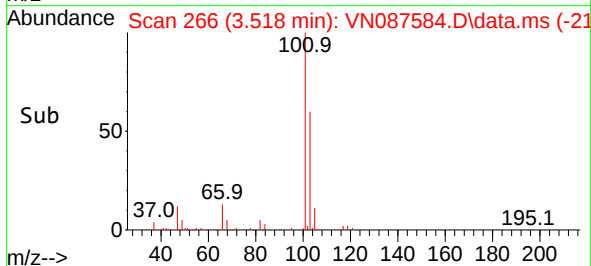
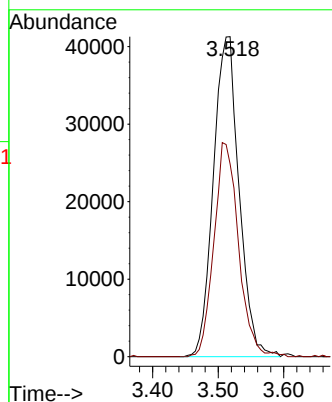
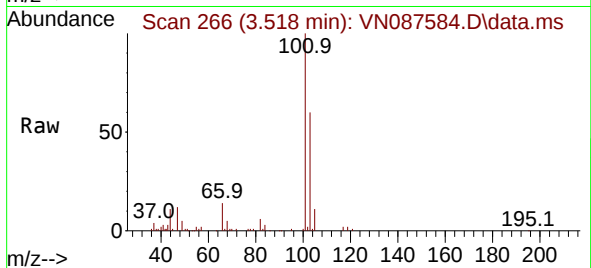




#7  
 Trichlorofluoromethane  
 Concen: 21.932 ug/l  
 RT: 3.518 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

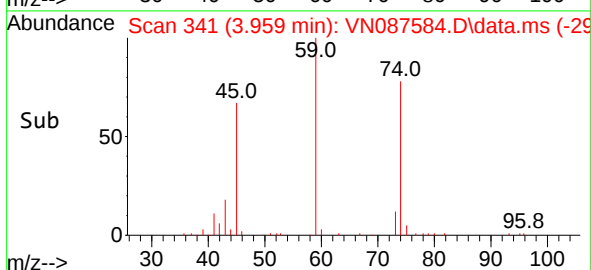
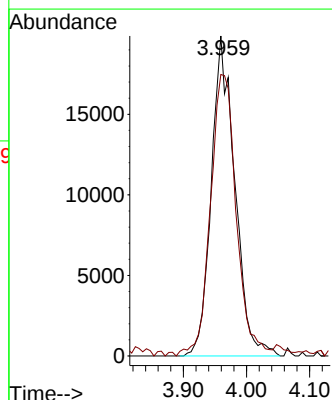
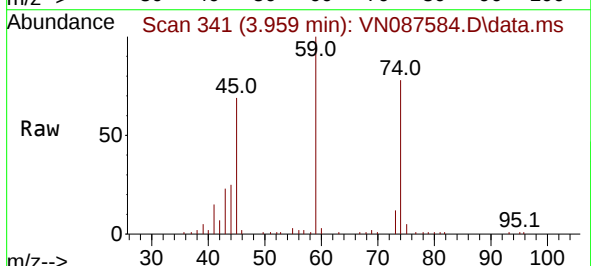
Instrument :  
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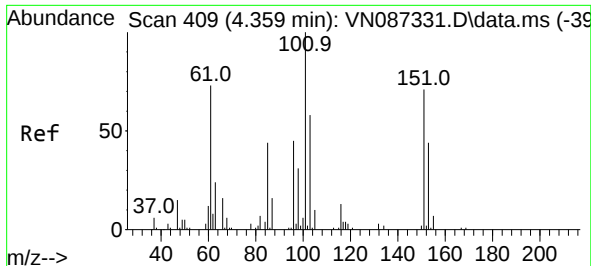
Tgt Ion:101 Resp: 112288  
 Ion Ratio Lower Upper  
 101 100  
 103 60.2 49.8 74.6



#8  
 Diethyl Ether  
 Concen: 25.889 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

Tgt Ion: 74 Resp: 51416  
 Ion Ratio Lower Upper  
 74 100  
 45 96.5 50.8 152.5

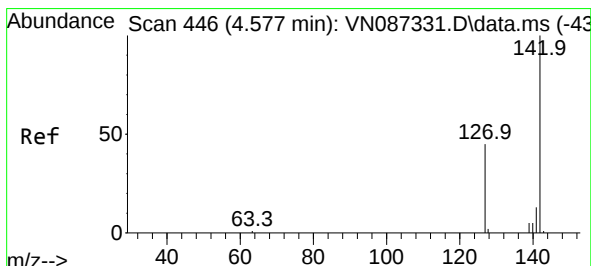
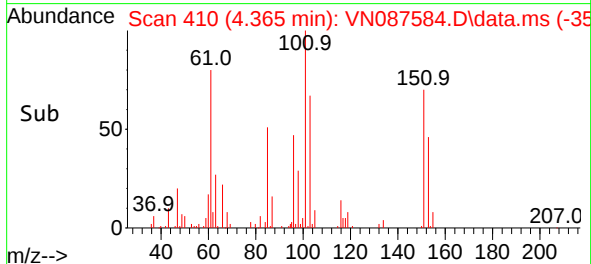
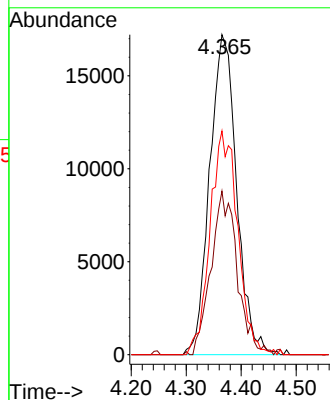
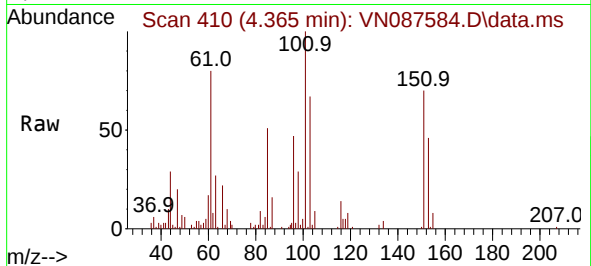




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 22.313 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

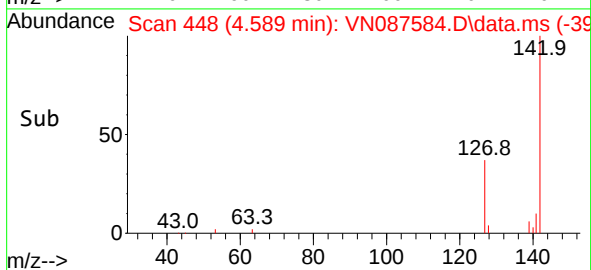
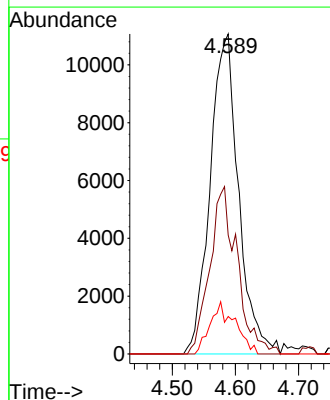
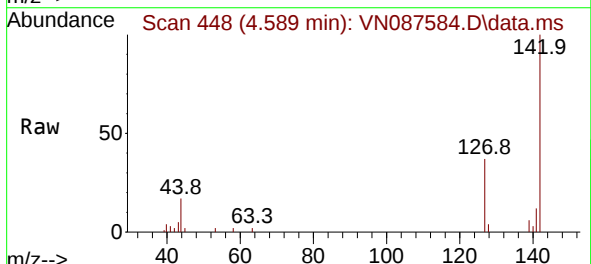
Instrument :  
MSVOA\_N  
ClientSampleId :

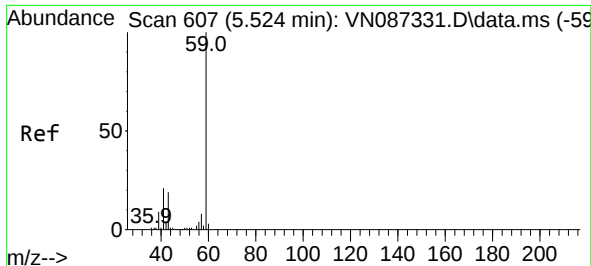
Tgt Ion:101 Resp: 58644  
Ion Ratio Lower Upper  
101 100  
85 49.4 37.3 55.9  
151 71.9 58.9 88.3



#10  
Methyl Iodide  
Concen: 16.987 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.012 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:142 Resp: 34601  
Ion Ratio Lower Upper  
142 100  
127 37.1 35.7 53.5  
141 11.7 10.4 15.6

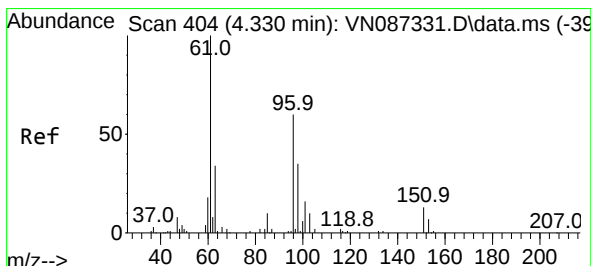
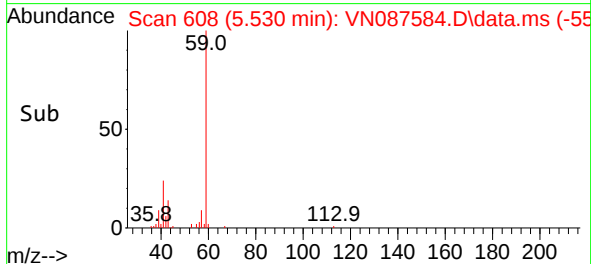
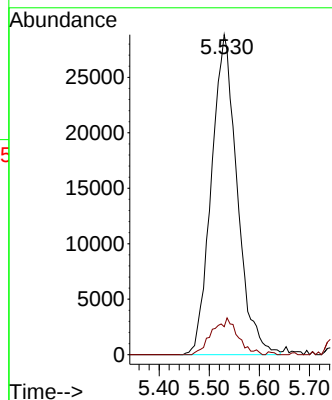
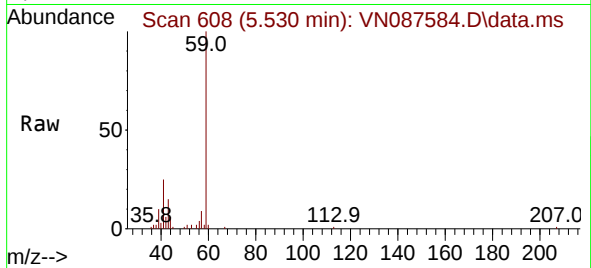




#11  
Tert butyl alcohol  
Concen: 122.719 ug/l  
RT: 5.530 min Scan# 607  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

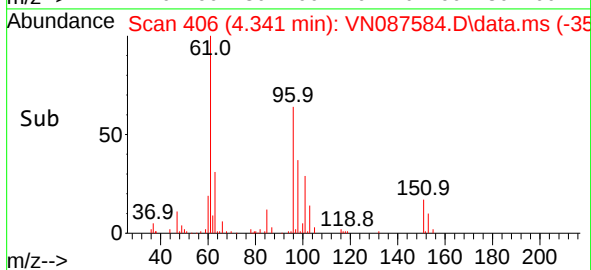
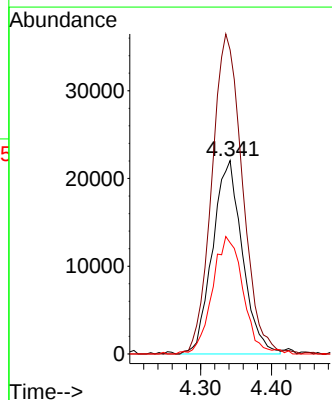
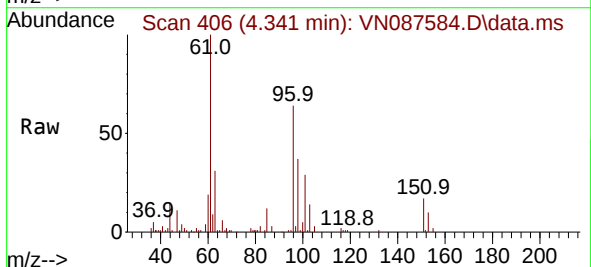
Instrument :  
MSVOA\_N  
ClientSampleId :

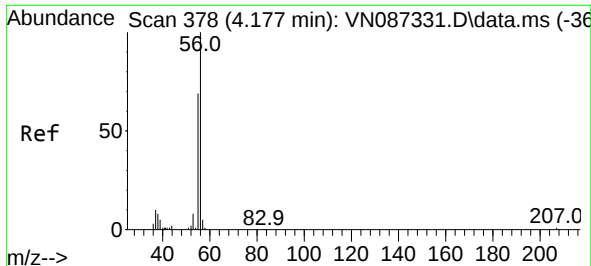
Tgt Ion: 59 Resp: 103134  
Ion Ratio Lower Upper  
59 100  
57 11.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 21.583 ug/l  
RT: 4.341 min Scan# 406  
Delta R.T. 0.012 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 96 Resp: 64280  
Ion Ratio Lower Upper  
96 100  
61 157.1 132.3 198.5  
98 56.4 46.8 70.2

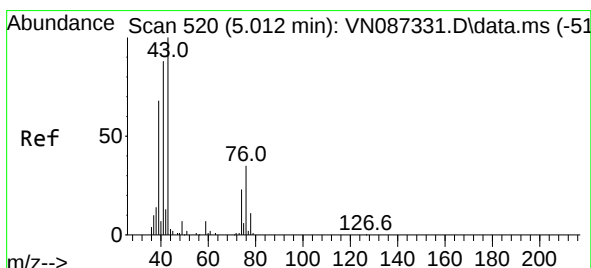
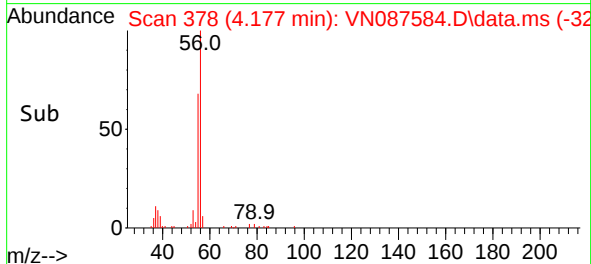
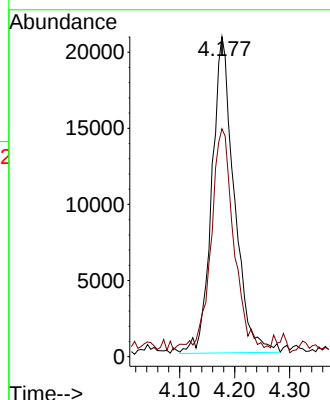
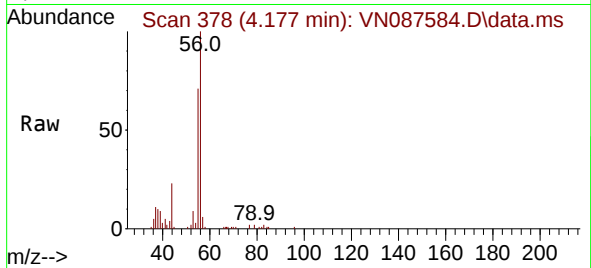




#13  
Acrolein  
Concen: 87.312 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

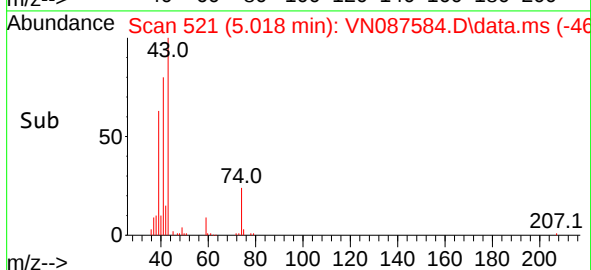
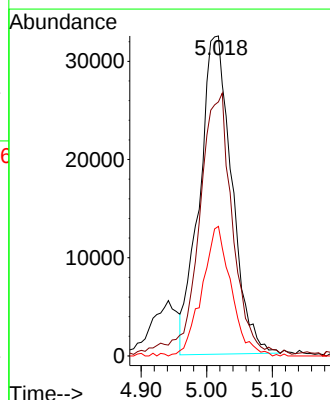
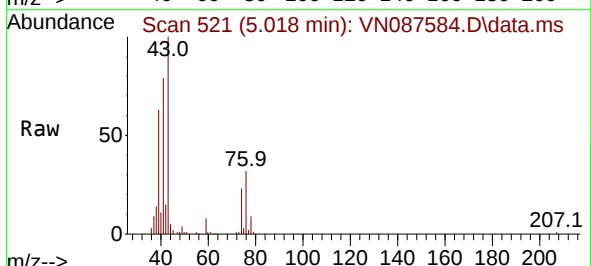
Instrument :  
MSVOA\_N  
ClientSampleId :

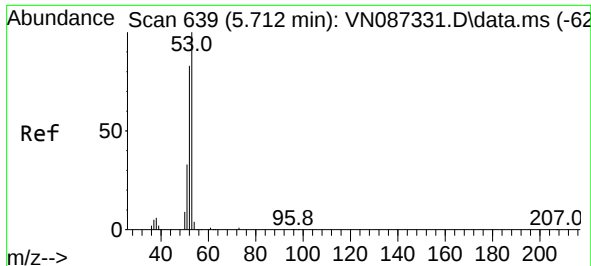
Tgt Ion: 56 Resp: 58887  
Ion Ratio Lower Upper  
56 100  
55 68.5 56.2 84.4



#14  
Allyl chloride  
Concen: 20.622 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

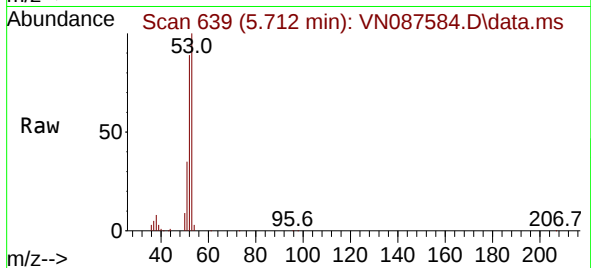
Tgt Ion: 41 Resp: 111148  
Ion Ratio Lower Upper  
41 100  
39 86.1 59.0 88.6  
76 36.8 28.7 43.1



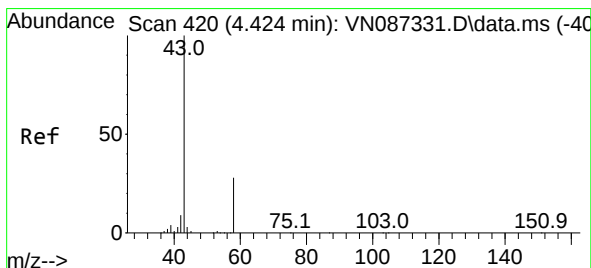
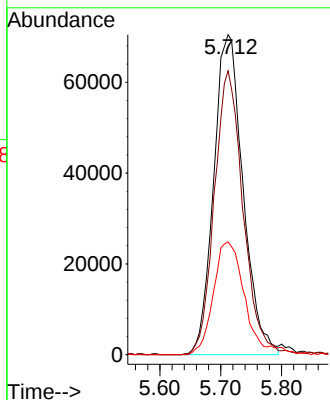
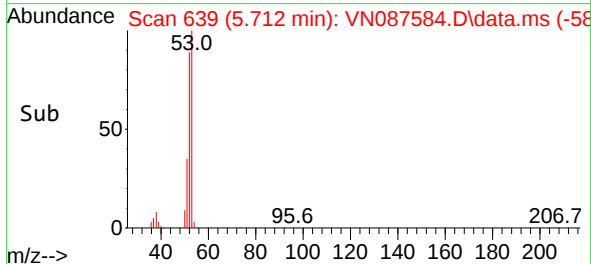


#15  
Acrylonitrile  
Concen: 103.661 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Instrument :  
MSVOA\_N  
ClientSampleId :

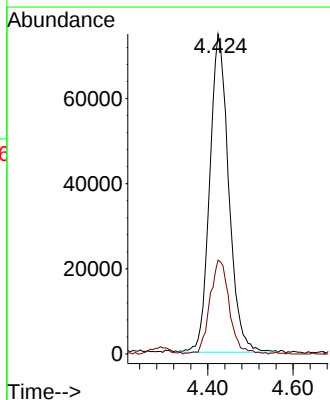
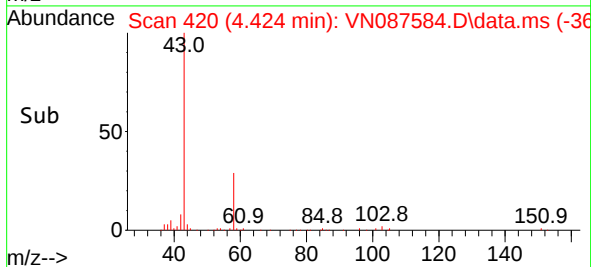
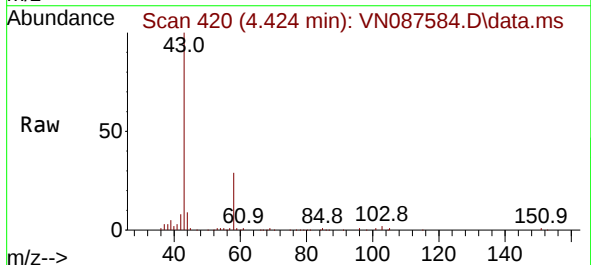


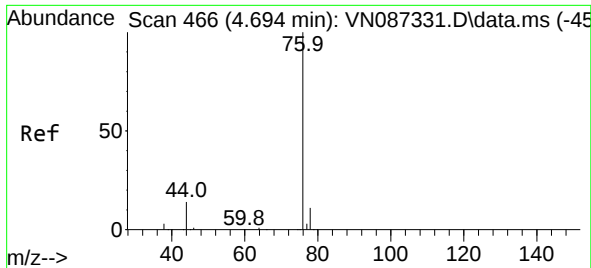
Tgt Ion: 53 Resp: 236403  
Ion Ratio Lower Upper  
53 100  
52 86.6 65.5 98.3  
51 37.8 28.7 43.1



#16  
Acetone  
Concen: 111.862 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 43 Resp: 232140  
Ion Ratio Lower Upper  
43 100  
58 29.2 22.3 33.5

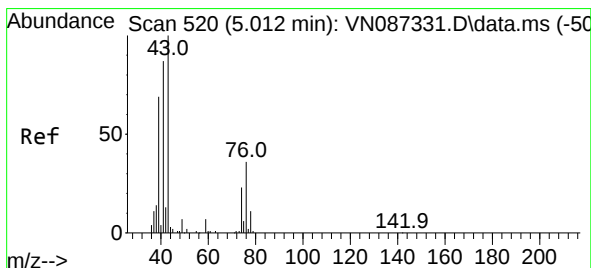
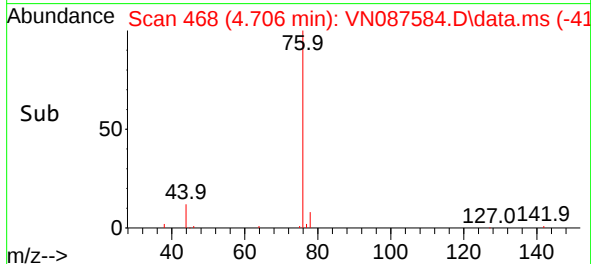
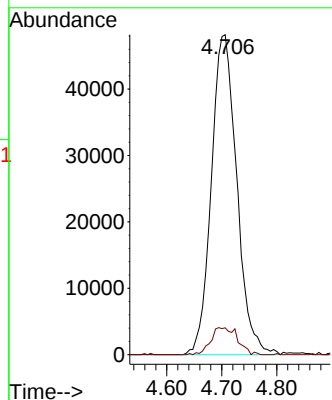
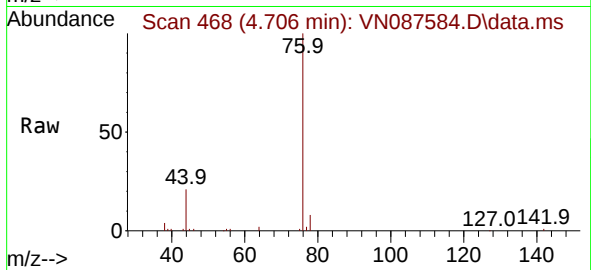




#17  
Carbon Disulfide  
Concen: 17.539 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

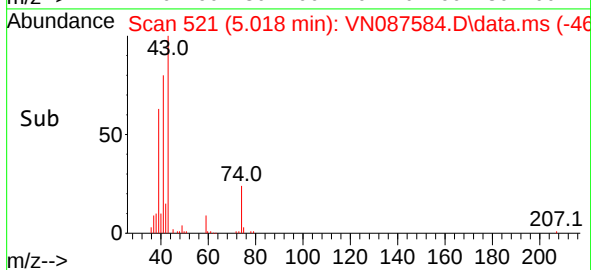
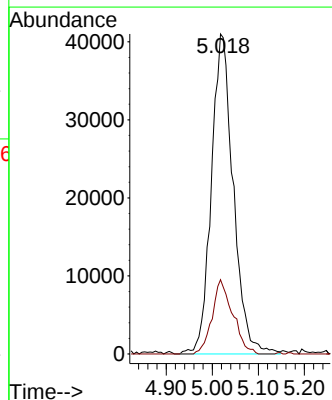
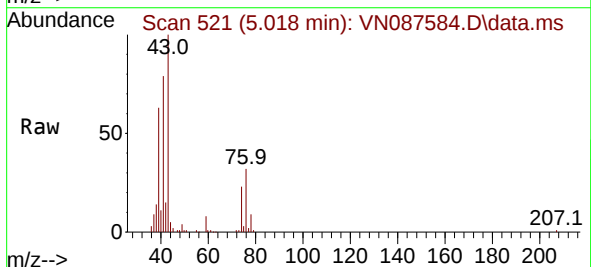
Instrument :  
MSVOA\_N  
ClientSampleId :

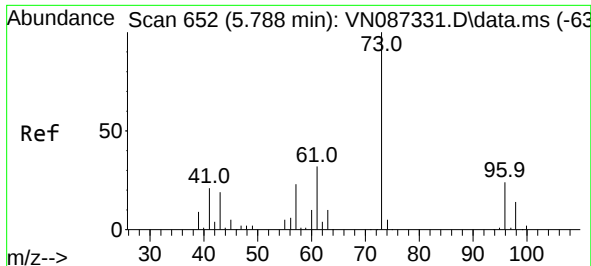
Tgt Ion: 76 Resp: 154862  
Ion Ratio Lower Upper  
76 100  
78 8.4 8.6 13.0#



#18  
Methyl Acetate  
Concen: 25.953 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 43 Resp: 135312  
Ion Ratio Lower Upper  
43 100  
74 21.8 17.8 26.6

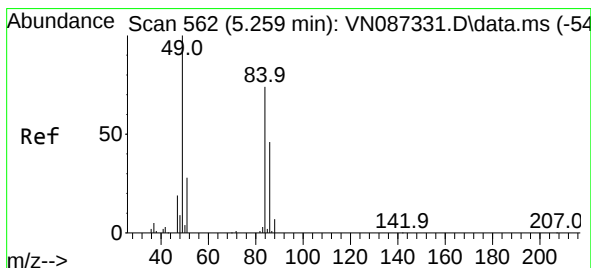
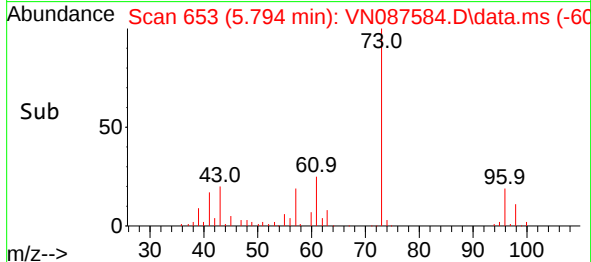
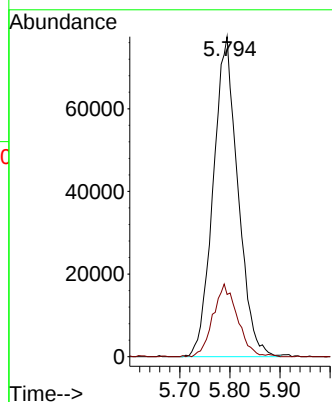
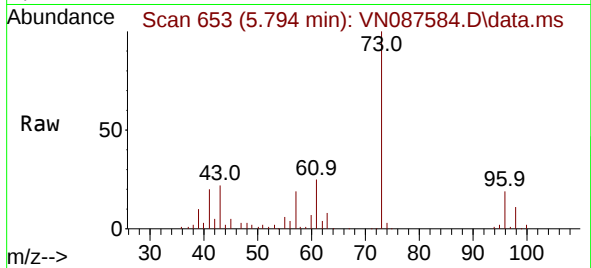




#19  
Methyl tert-butyl Ether  
Concen: 24.162 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

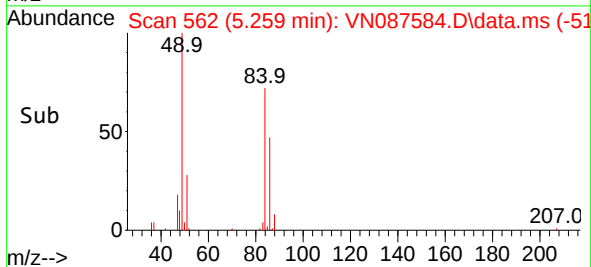
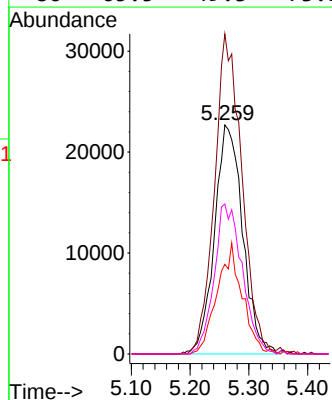
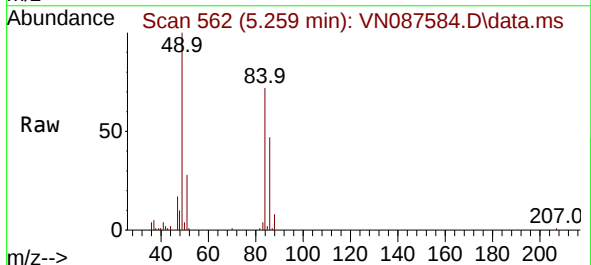
Instrument :  
MSVOA\_N  
ClientSampleId :

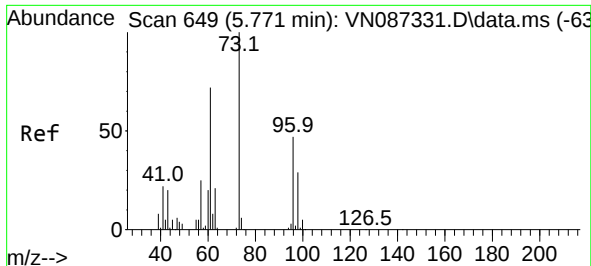
Tgt Ion: 73 Resp: 265235  
Ion Ratio Lower Upper  
73 100  
57 19.4 18.6 27.8



#20  
Methylene Chloride  
Concen: 21.129 ug/l  
RT: 5.259 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 84 Resp: 75420  
Ion Ratio Lower Upper  
84 100  
49 139.7 107.5 161.3  
51 39.1 30.2 45.2  
86 65.5 49.3 73.9

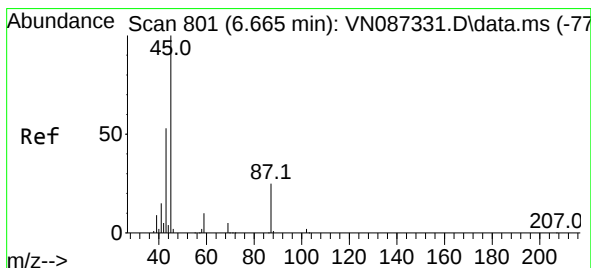
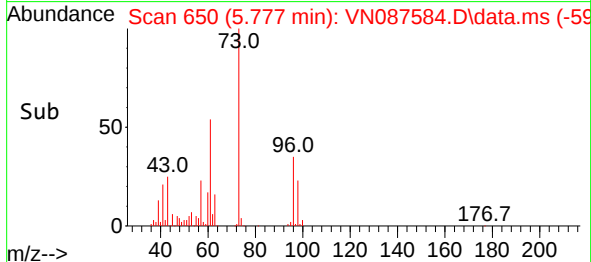
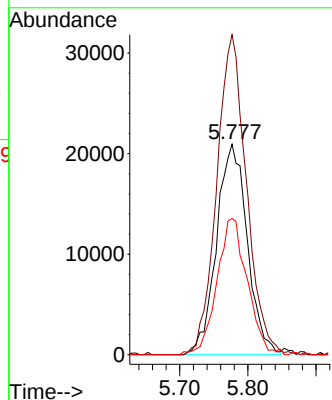
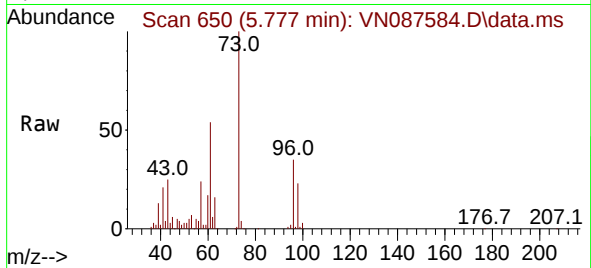




#21  
trans-1,2-Dichloroethene  
Concen: 19.544 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

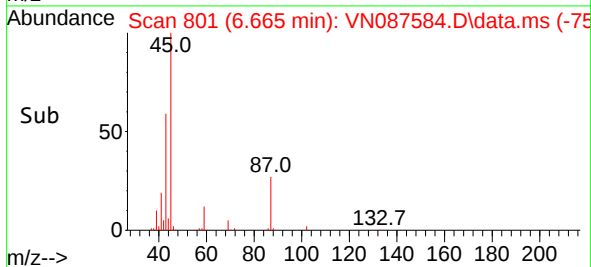
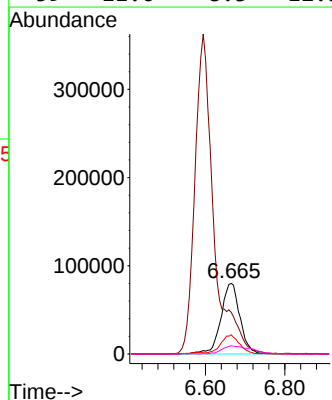
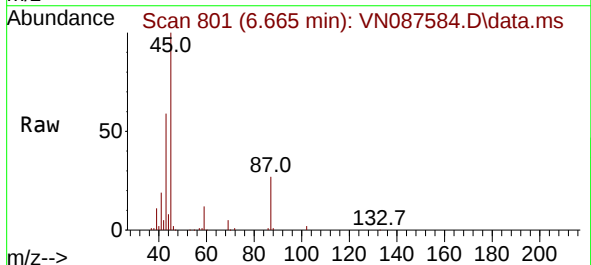
Instrument :  
MSVOA\_N  
ClientSampleId :

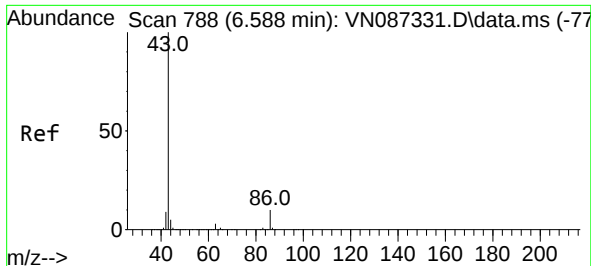
Tgt Ion: 96 Resp: 65630  
Ion Ratio Lower Upper  
96 100  
61 152.1 122.0 183.0  
98 64.8 50.0 75.0



#22  
Diisopropyl ether  
Concen: 23.573 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 45 Resp: 266514  
Ion Ratio Lower Upper  
45 100  
43 58.4 42.8 64.2  
87 27.2 19.8 29.6  
59 11.6 8.3 12.5

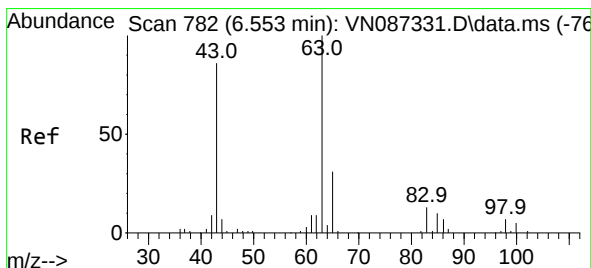
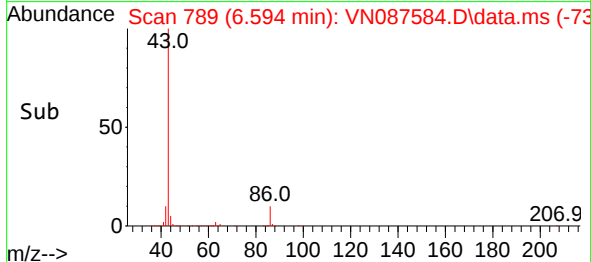
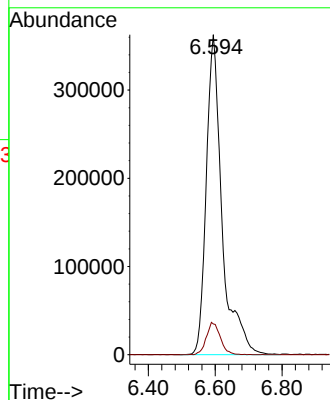
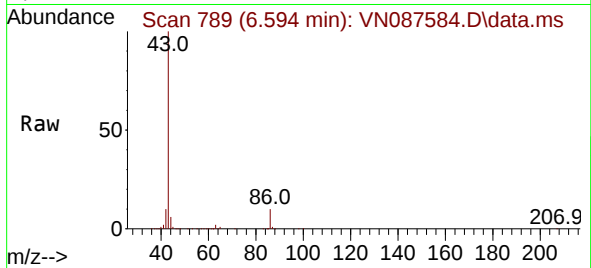




#23  
 Vinyl Acetate  
 Concen: 120.183 ug/l  
 RT: 6.594 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

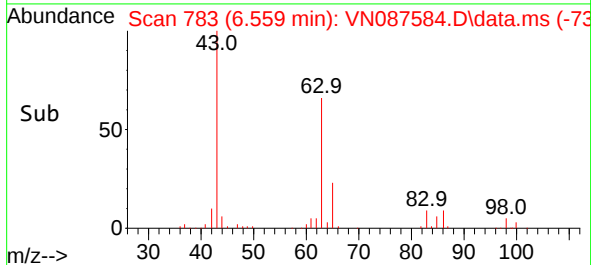
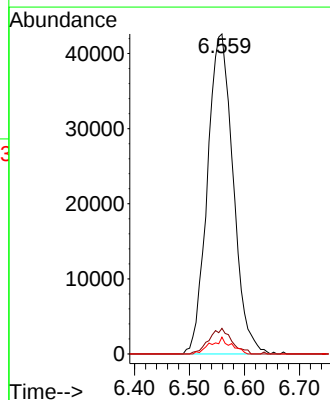
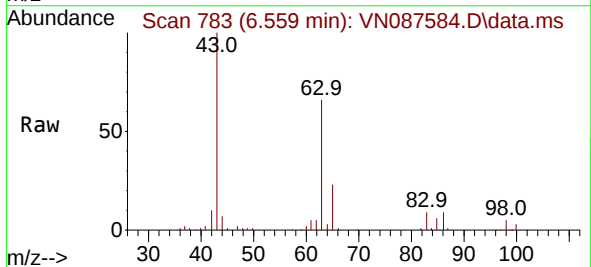
Instrument :  
 MSVOA\_N  
 ClientSampleId :

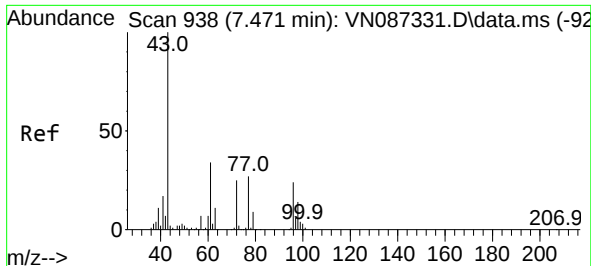
Tgt Ion: 43 Resp: 1188363  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.7 11.5



#24  
 1,1-Dichloroethane  
 Concen: 21.229 ug/l  
 RT: 6.559 min Scan# 783  
 Delta R.T. 0.006 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

Tgt Ion: 63 Resp: 138465  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.3 9.9  
 100 5.2 2.5 7.4

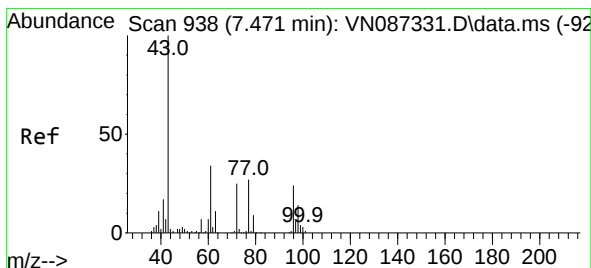
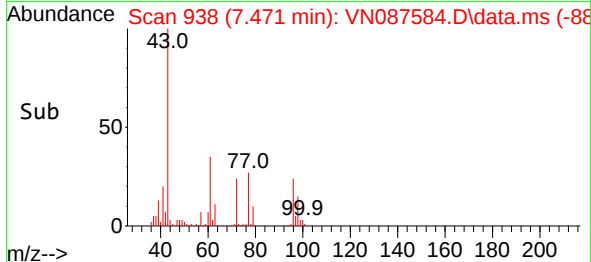
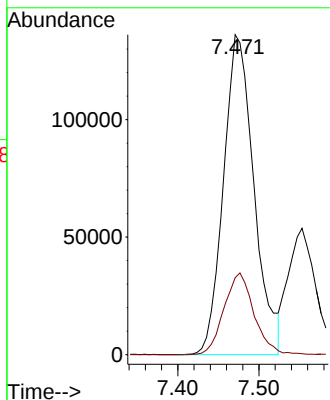
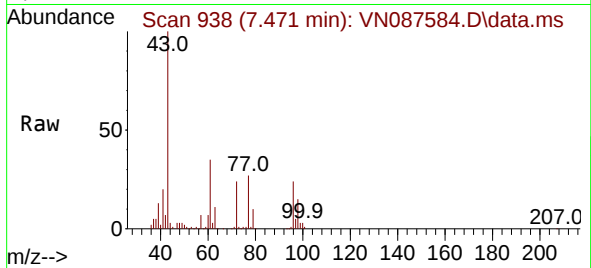




#25  
2-Butanone  
Concen: 111.043 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

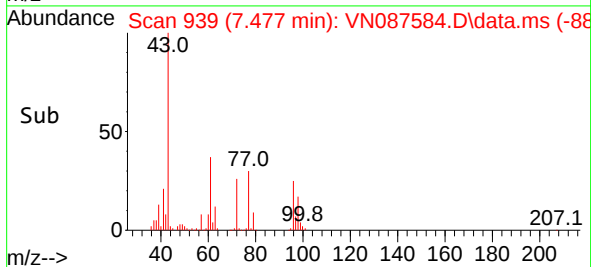
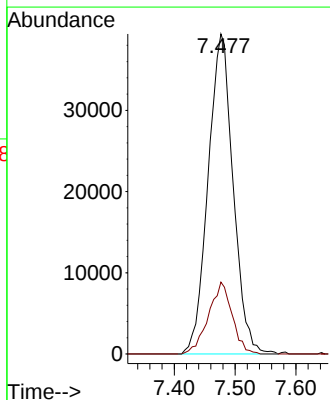
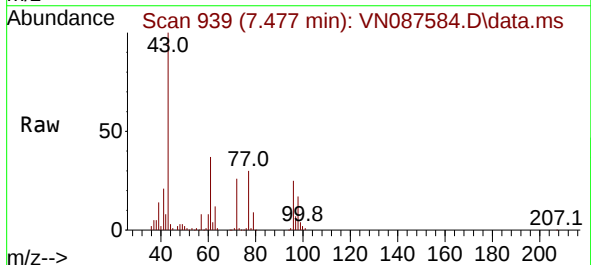
Instrument :  
MSVOA\_N  
ClientSampleId :

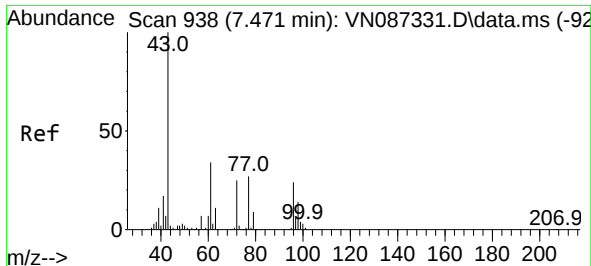
Tgt Ion: 43 Resp: 356054  
Ion Ratio Lower Upper  
43 100  
72 24.0 19.6 29.4



#26  
2,2-Dichloropropane  
Concen: 22.209 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 77 Resp: 112624  
Ion Ratio Lower Upper  
77 100  
97 21.2 11.1 33.1

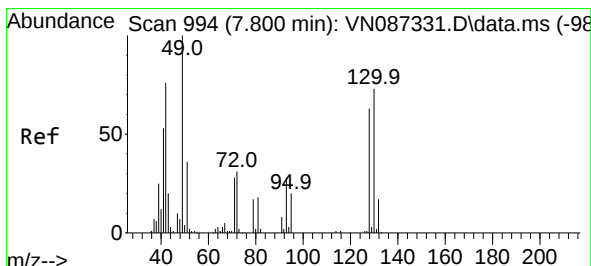
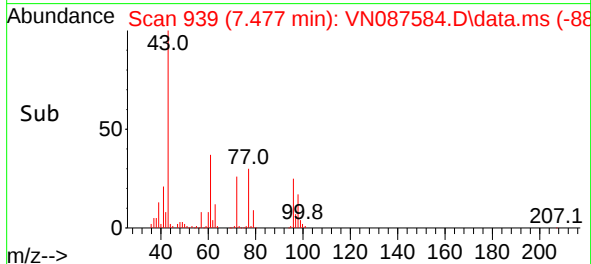
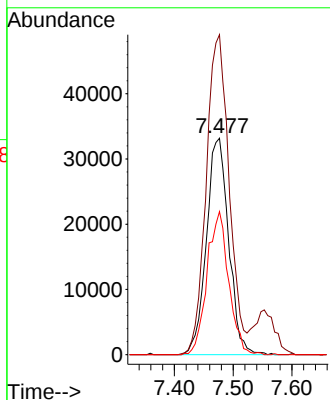
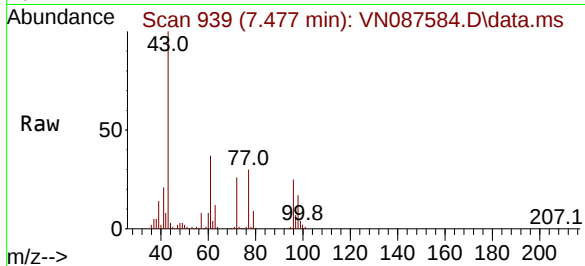




#27  
 cis-1,2-Dichloroethene  
 Concen: 22.604 ug/l  
 RT: 7.477 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

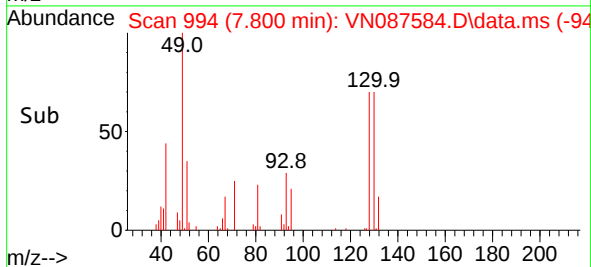
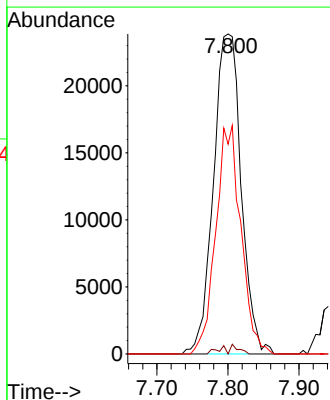
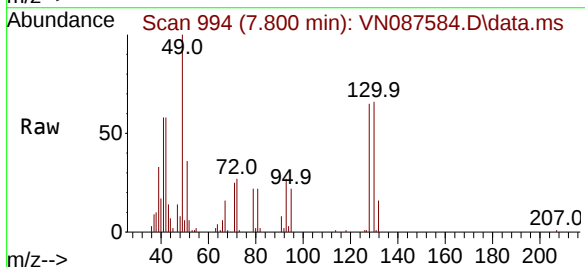
Instrument :  
 MSVOA\_N  
 ClientSampleId :

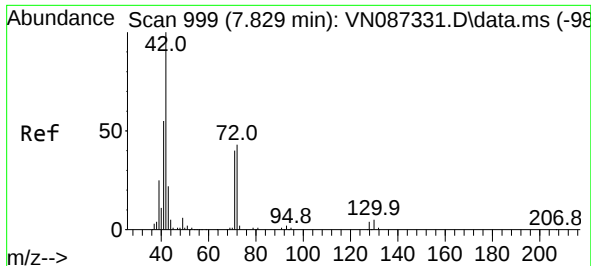
Tgt Ion: 96 Resp: 87392  
 Ion Ratio Lower Upper  
 96 100  
 61 152.4 0.0 297.8  
 98 64.1 0.0 132.4



#28  
 Bromochloromethane  
 Concen: 20.746 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. -0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

Tgt Ion: 49 Resp: 64763  
 Ion Ratio Lower Upper  
 49 100  
 129 0.9 0.0 4.2  
 130 64.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 104.971 ug/l

RT: 7.829 min Scan# 999

Delta R.T. 0.000 min

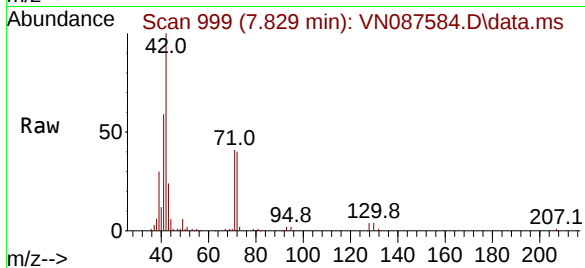
Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

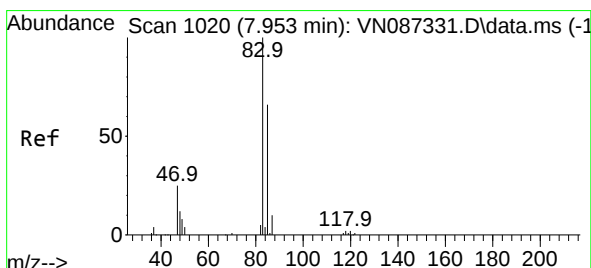
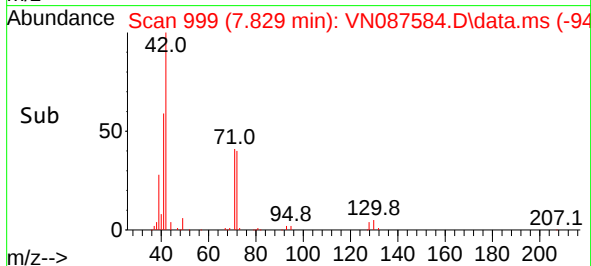
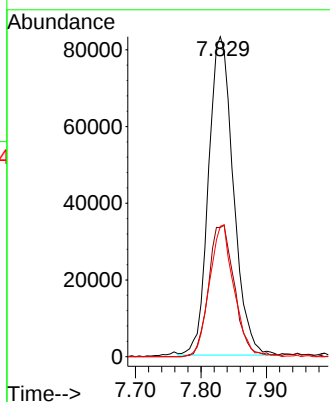
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 218654 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 43.0  | 33.4  | 50.0   |
| 71       | 40.9  | 31.2  | 46.8   |



#30

Chloroform

Concen: 22.503 ug/l

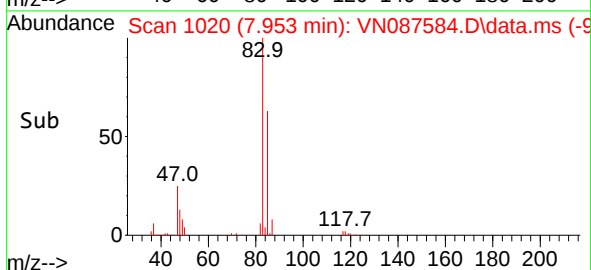
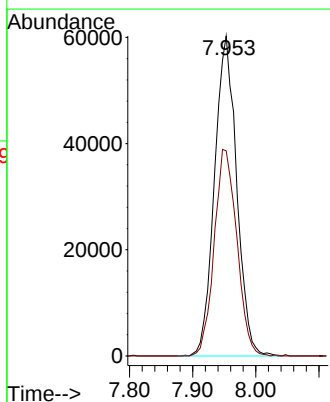
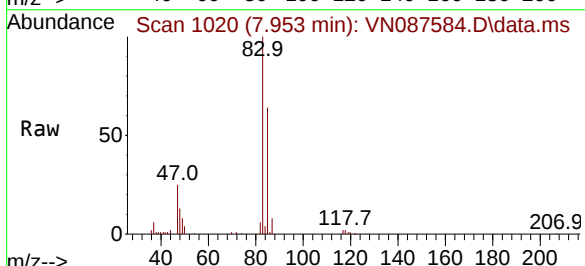
RT: 7.953 min Scan# 1020

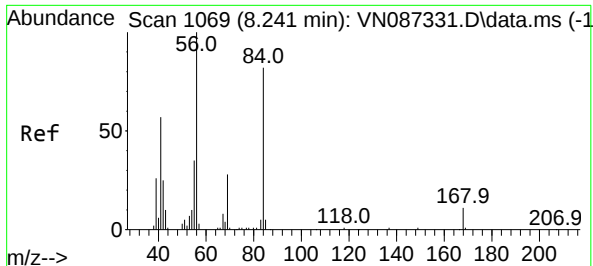
Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

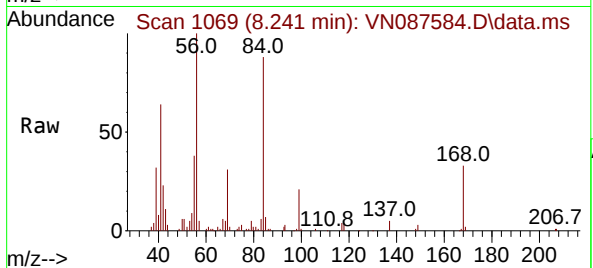
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 146917 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.1  | 52.7  | 79.1   |



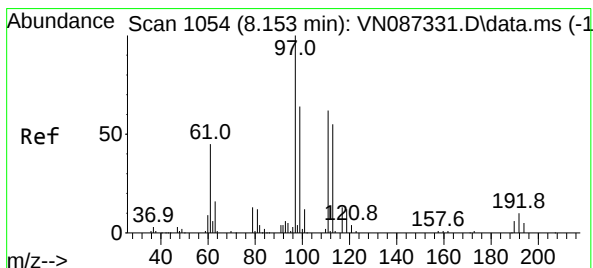
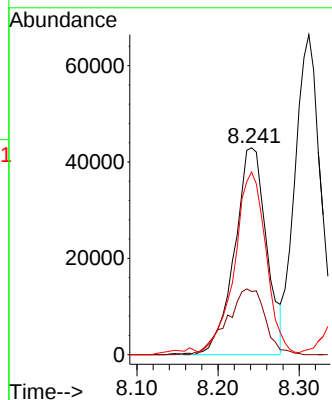
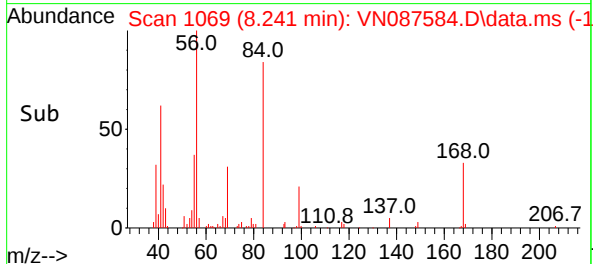


#31  
Cyclohexane  
Concen: 21.597 ug/l  
RT: 8.241 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Instrument :  
MSVOA\_N  
ClientSampleId :

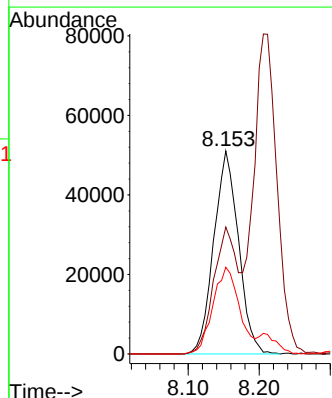
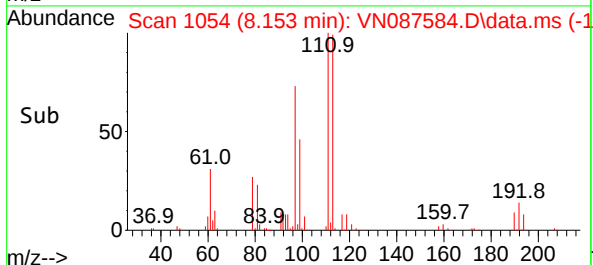
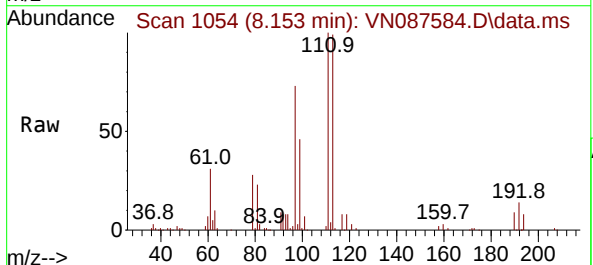


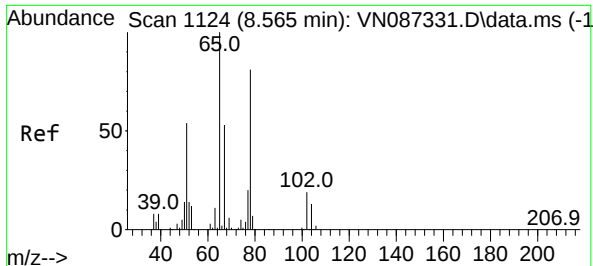
Tgt Ion: 56 Resp: 117517  
Ion Ratio Lower Upper  
56 100  
69 30.1 22.7 34.1  
84 86.5 65.8 98.6



#32  
1,1,1-Trichloroethane  
Concen: 21.809 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 97 Resp: 123324  
Ion Ratio Lower Upper  
97 100  
99 56.7 51.8 77.8  
61 46.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.969 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

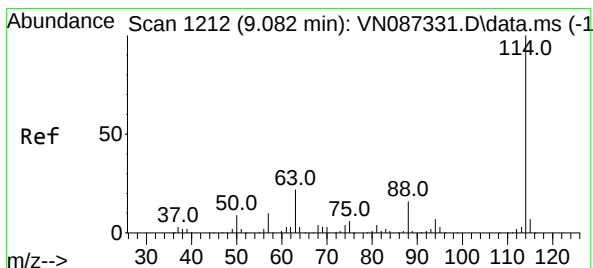
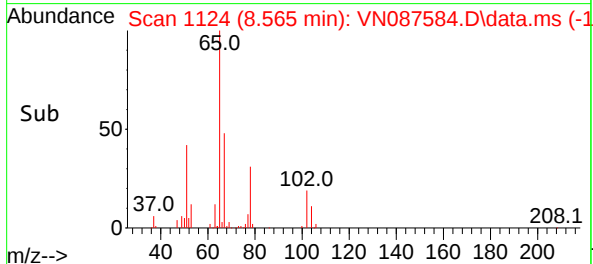
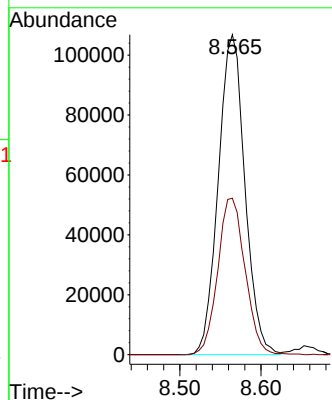
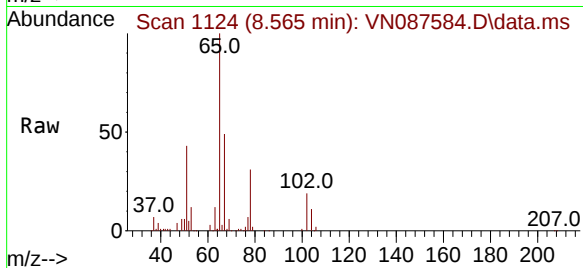
ClientSampleId :

Tgt Ion: 65 Resp: 243295

Ion Ratio Lower Upper

65 100

67 50.3 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: VN087584.D

Acq: 15 Aug 2025 16:02

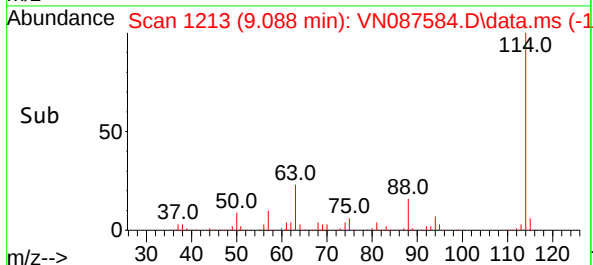
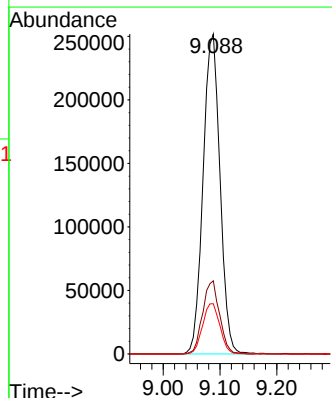
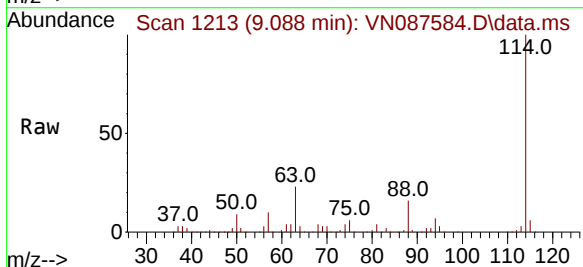
Tgt Ion: 114 Resp: 520438

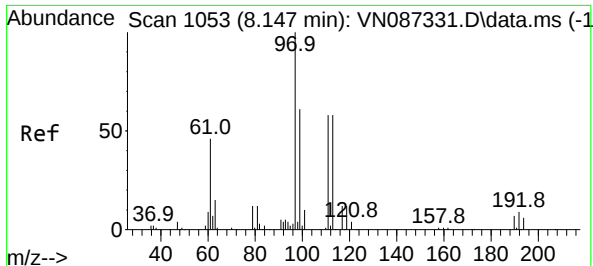
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.630 ug/l

RT: 8.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

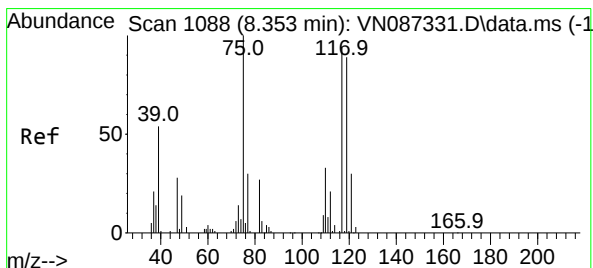
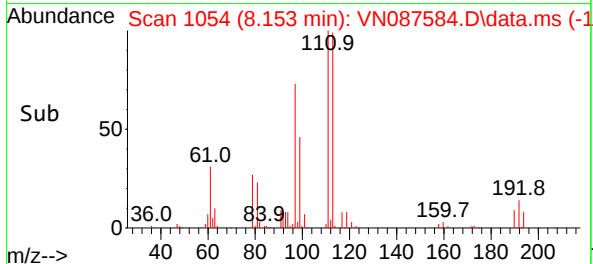
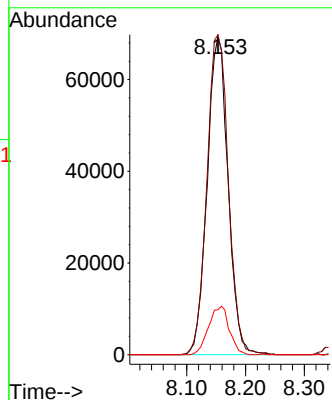
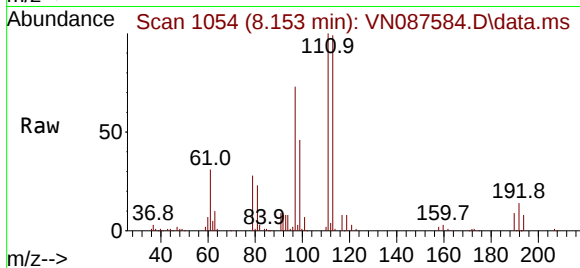
Tgt Ion:113 Resp: 170992

Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 15.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 19.829 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

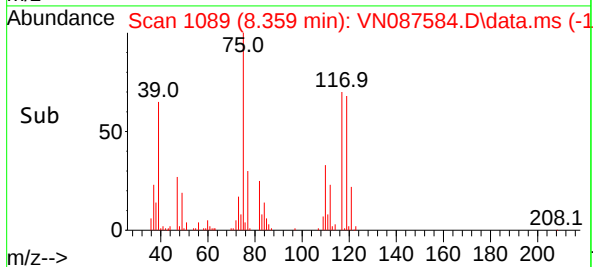
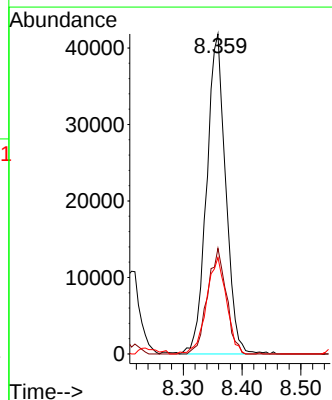
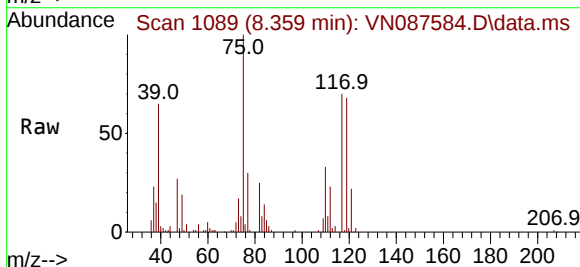
Tgt Ion: 75 Resp: 94048

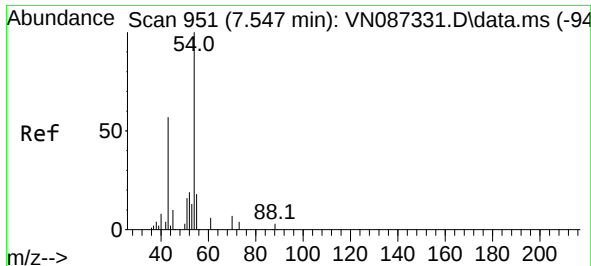
Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

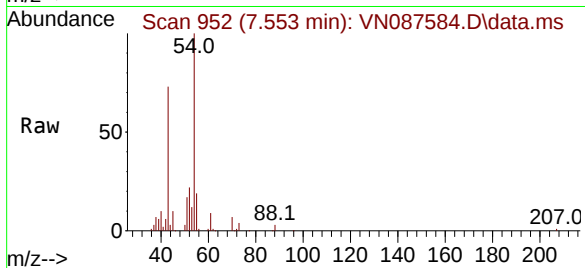
77 31.6 25.2 37.8



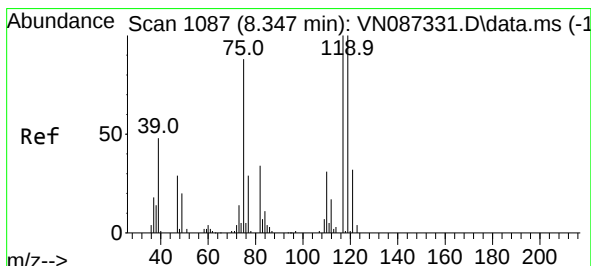
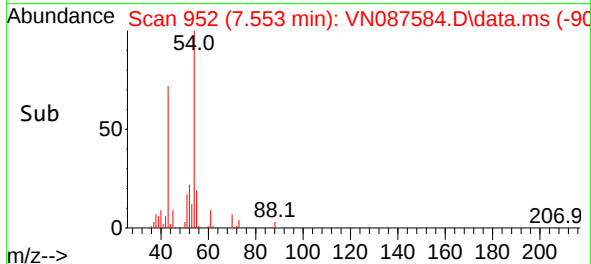
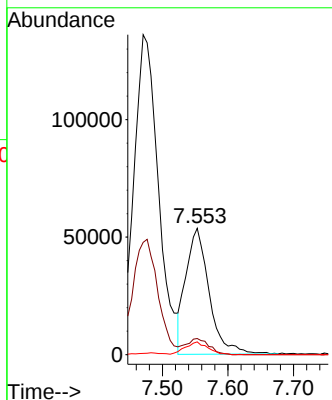


#37  
Ethyl Acetate  
Concen: 19.309 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Instrument :  
MSVOA\_N  
ClientSampleId :

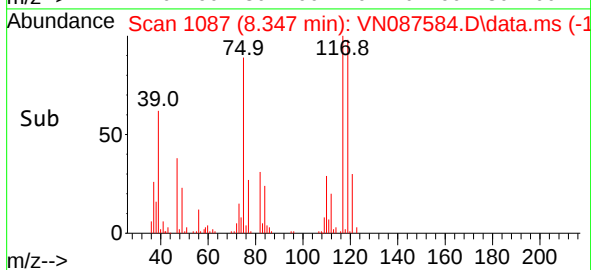
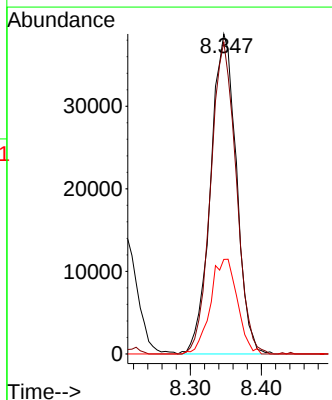
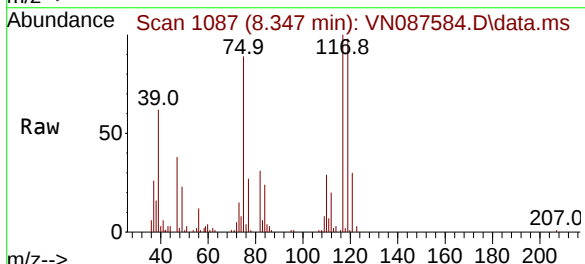


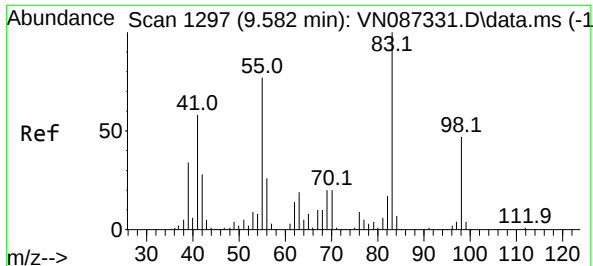
Tgt Ion: 43 Resp: 132266  
Ion Ratio Lower Upper  
43 100  
61 12.8 10.9 16.3  
70 9.8 7.4 11.0



#38  
Carbon Tetrachloride  
Concen: 18.673 ug/l  
RT: 8.347 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 117 Resp: 97562  
Ion Ratio Lower Upper  
117 100  
119 97.5 80.2 120.2  
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 20.107 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

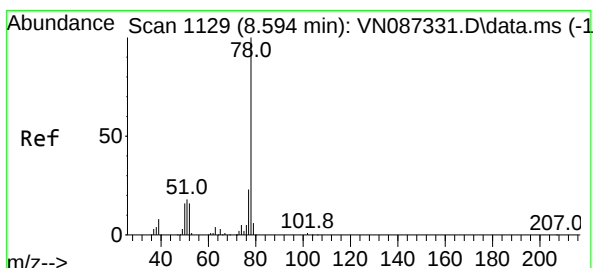
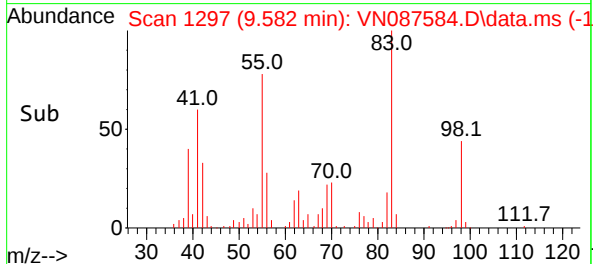
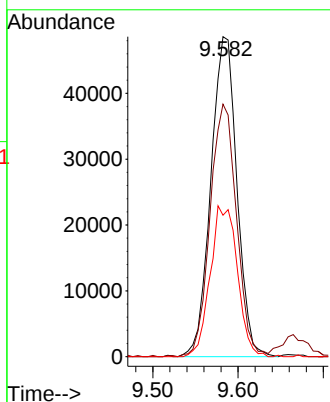
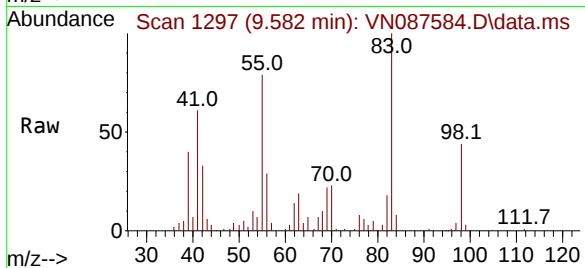
Tgt Ion: 83 Resp: 103251

Ion Ratio Lower Upper

83 100

55 78.9 61.3 91.9

98 44.2 37.9 56.9



#40

Benzene

Concen: 19.669 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087584.D

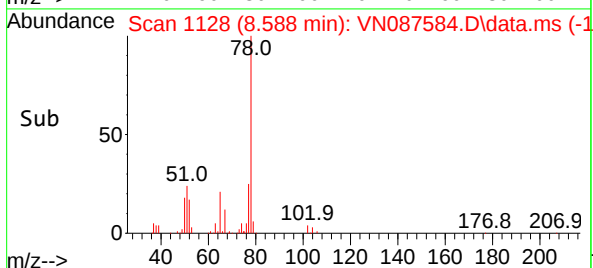
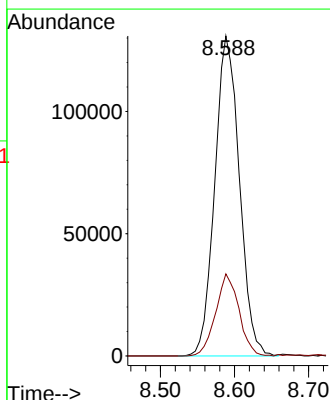
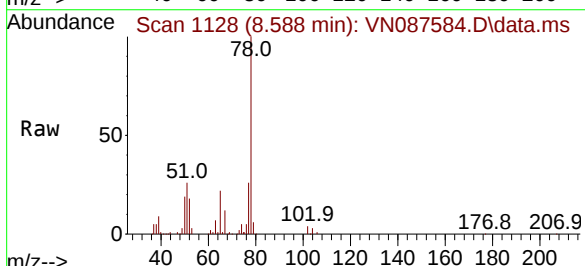
Acq: 15 Aug 2025 16:02

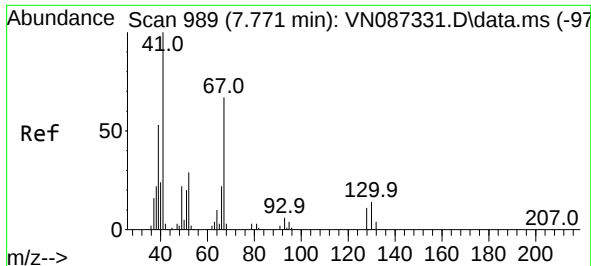
Tgt Ion: 78 Resp: 301510

Ion Ratio Lower Upper

78 100

77 25.7 18.2 27.2

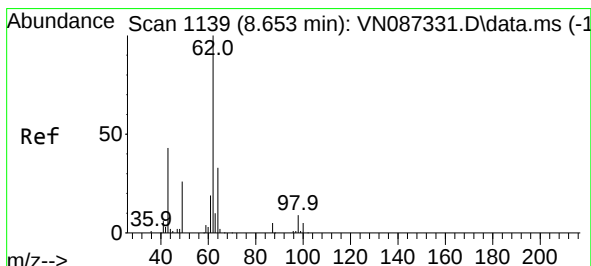
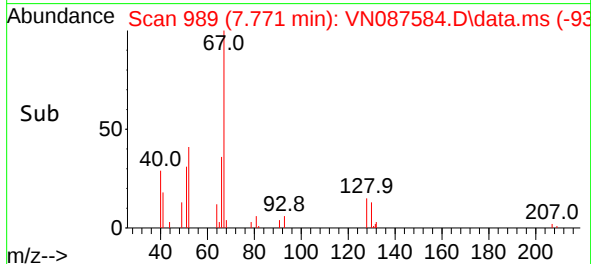
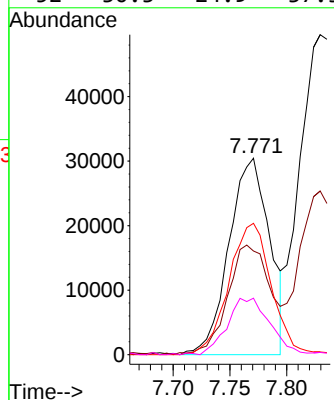
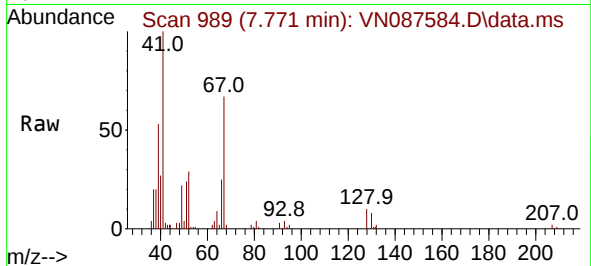




#41  
Methacrylonitrile  
Concen: 21.208 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

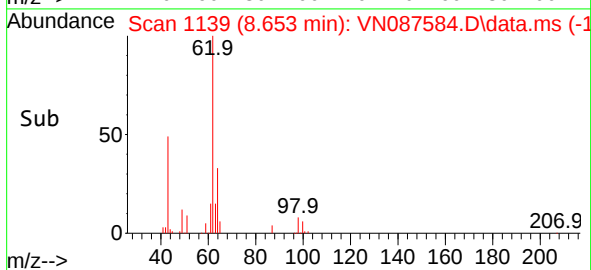
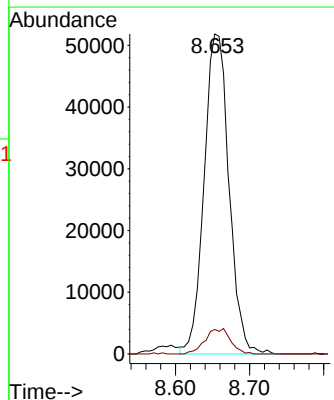
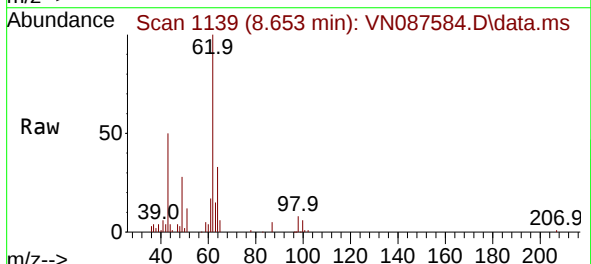
Instrument :  
MSVOA\_N  
ClientSampleId :

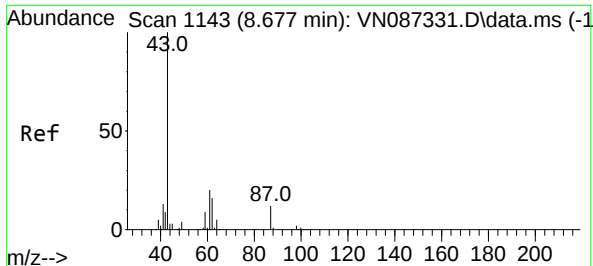
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 75960 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 43.4  | 65.0  |
| 67       | 69.9  | 55.1  | 82.7  |
| 52       | 30.3  | 24.9  | 37.3  |



#42  
1,2-Dichloroethane  
Concen: 20.776 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

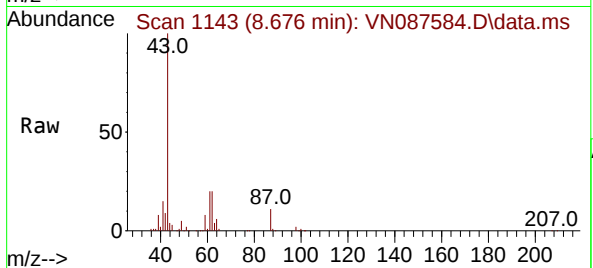
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 120774 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.1   | 0.0   | 18.0   |



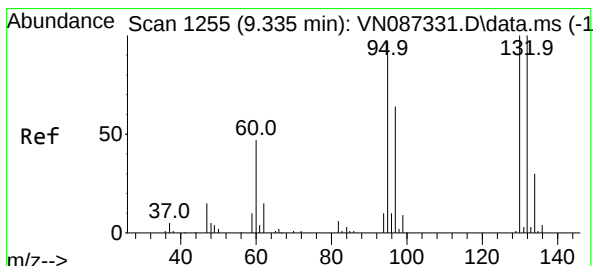
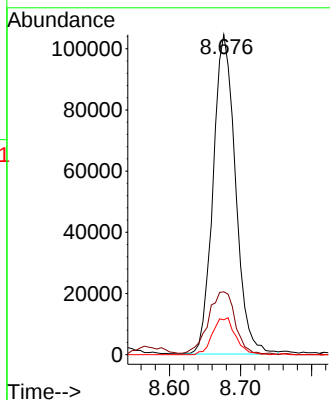
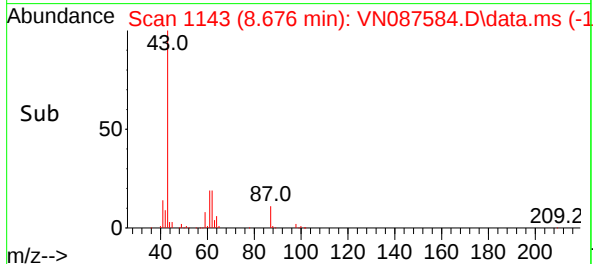


#43  
Isopropyl Acetate  
Concen: 21.525 ug/l  
RT: 8.676 min Scan# 1143  
Delta R.T. -0.001 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

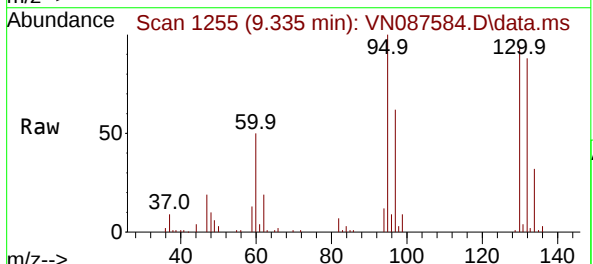
Instrument :  
MSVOA\_N  
ClientSampleId :



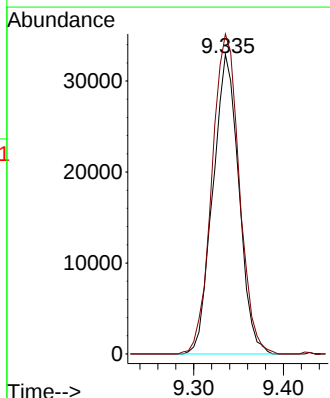
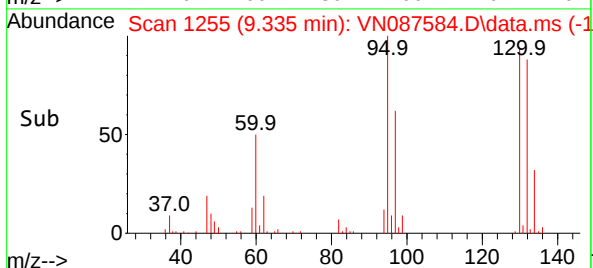
Tgt Ion: 43 Resp: 228889  
Ion Ratio Lower Upper  
43 100  
61 24.1 19.8 29.8  
87 11.8 9.8 14.6

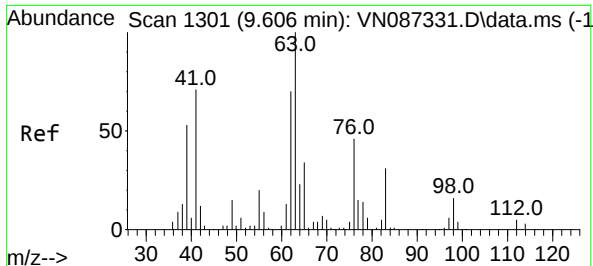


#44  
Trichloroethene  
Concen: 18.248 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02



Tgt Ion:130 Resp: 66098  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.850 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

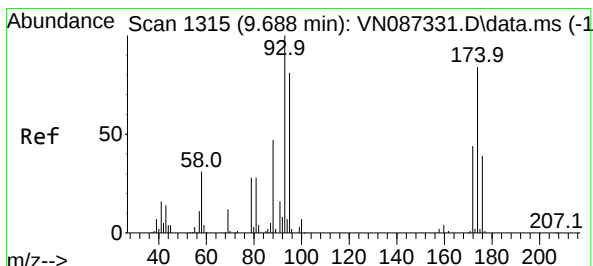
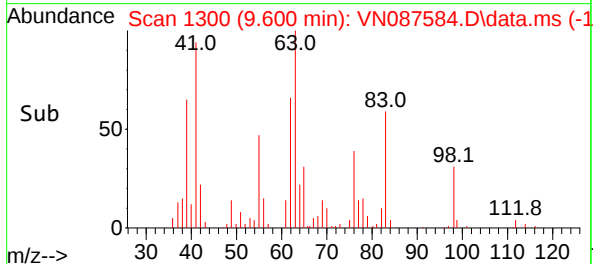
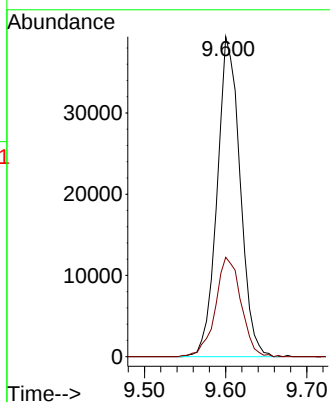
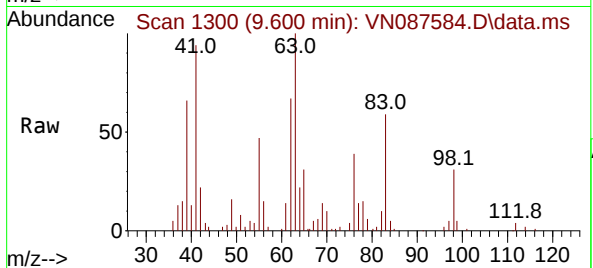
ClientSampleId :

Tgt Ion: 63 Resp: 77317

Ion Ratio Lower Upper

63 100

65 31.1 27.0 40.4



#46

Dibromomethane

Concen: 20.575 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

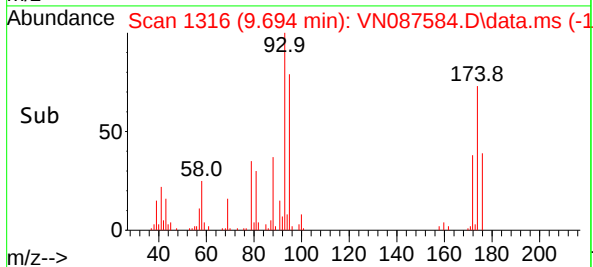
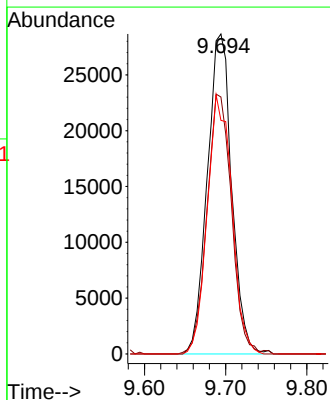
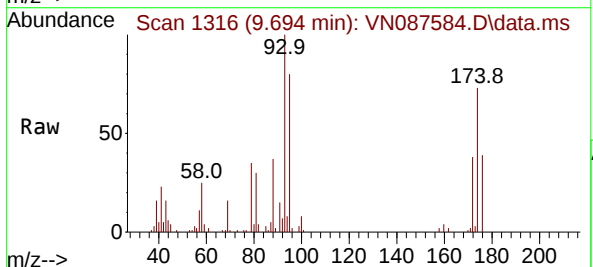
Tgt Ion: 93 Resp: 60003

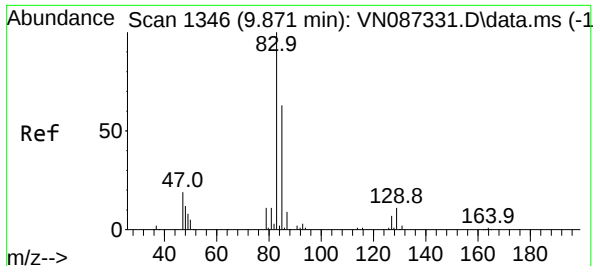
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.8

174 81.3 69.9 104.9

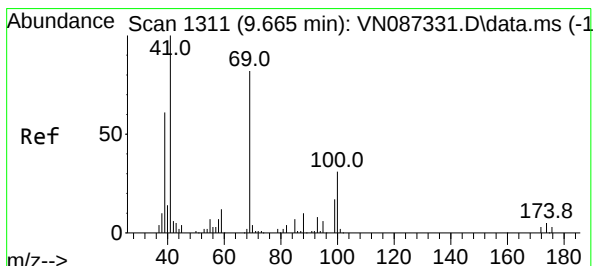
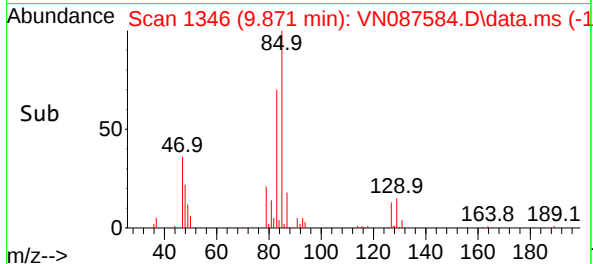
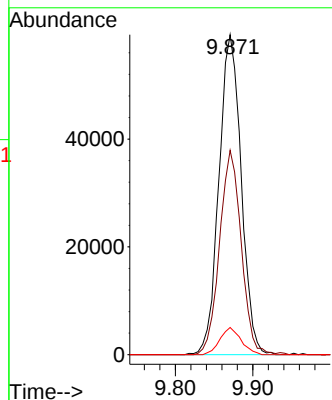
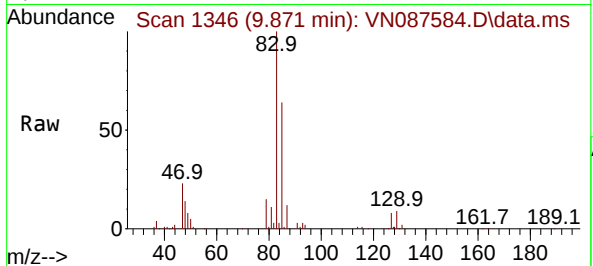




#47  
Bromodichloromethane  
Concen: 20.180 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

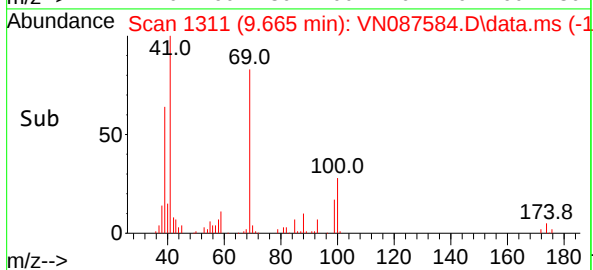
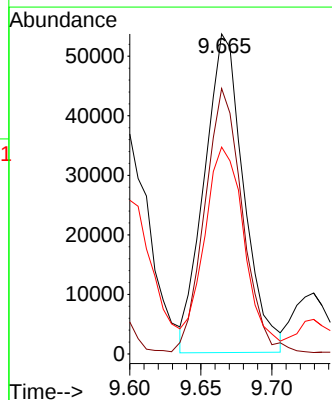
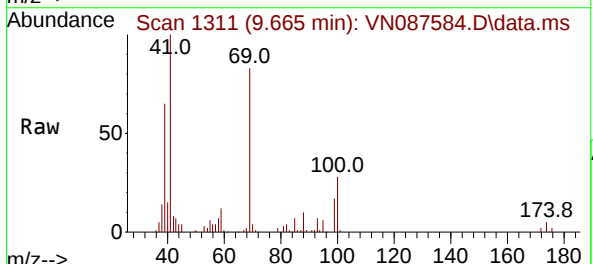
Instrument :  
MSVOA\_N  
ClientSampleId :

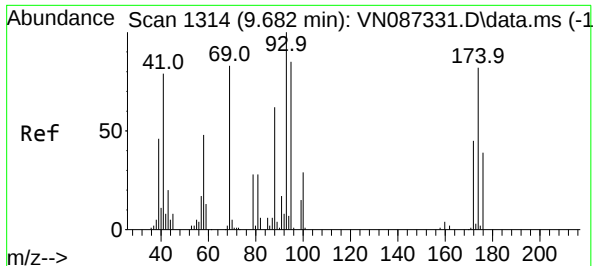
Tgt Ion: 83 Resp: 118544  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.4 75.6  
127 8.5 5.8 8.8



#48  
Methyl methacrylate  
Concen: 21.580 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 41 Resp: 103306  
Ion Ratio Lower Upper  
41 100  
69 79.7 64.1 96.1  
39 66.8 45.5 68.3





#49

1,4-Dioxane

Concen: 436.172 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

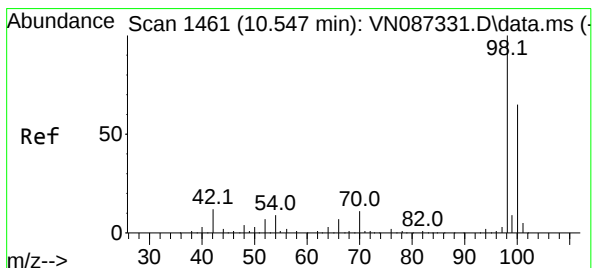
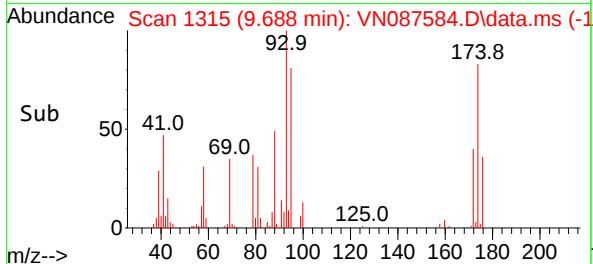
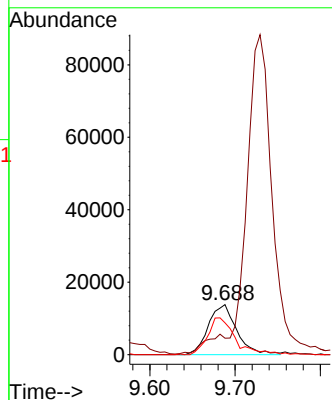
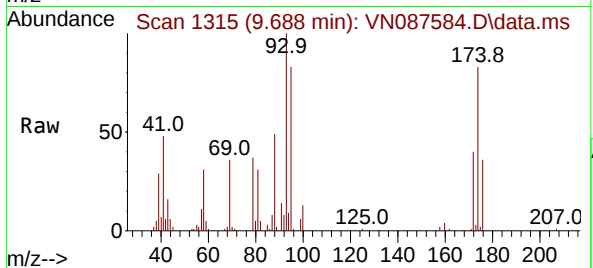
Tgt Ion: 88 Resp: 31980

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.8 61.1 91.7



#50

Toluene-d8

Concen: 47.924 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087584.D

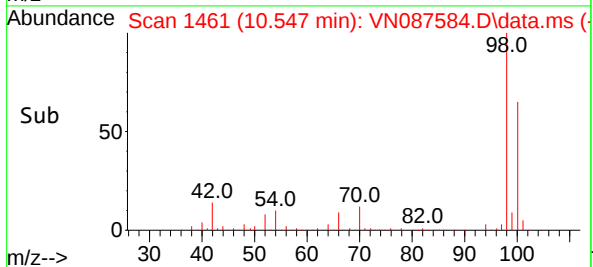
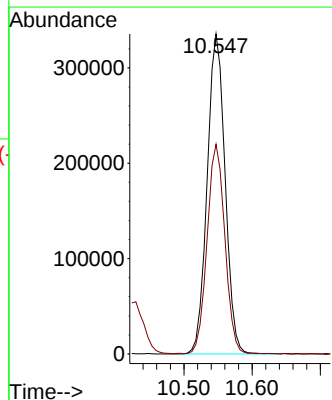
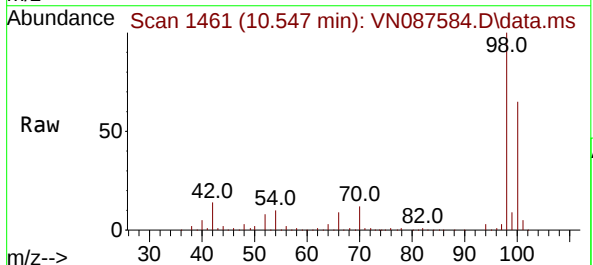
Acq: 15 Aug 2025 16:02

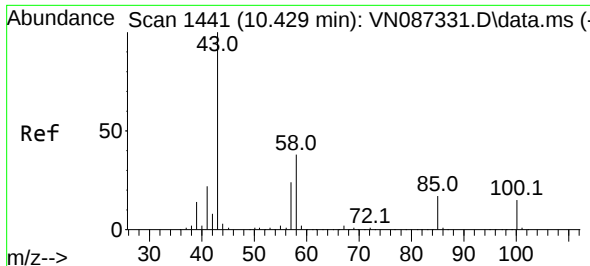
Tgt Ion: 98 Resp: 613711

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

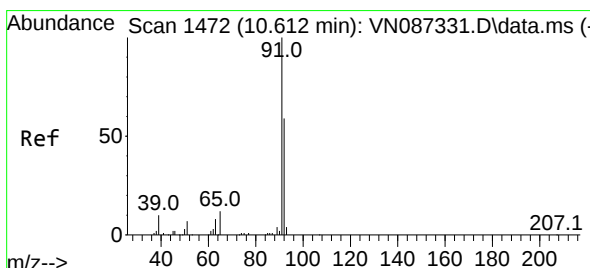
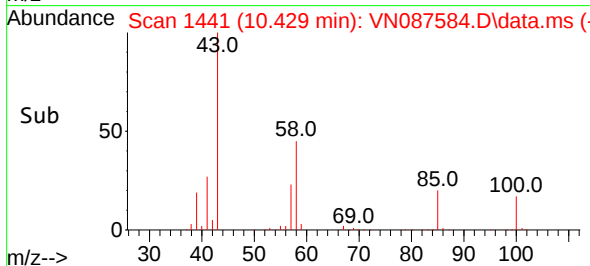
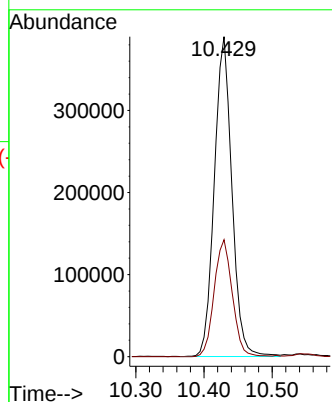
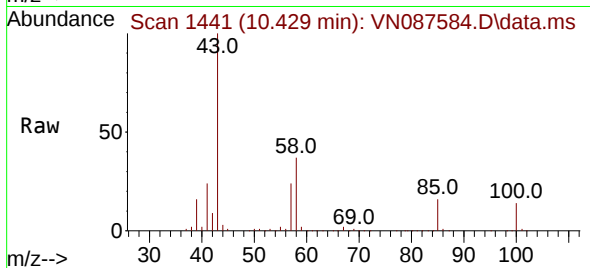




#51  
4-Methyl-2-Pentanone  
Concen: 104.003 ug/l  
RT: 10.429 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

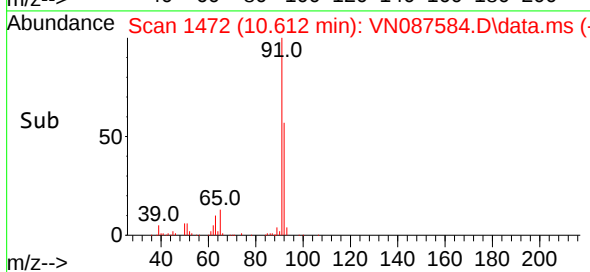
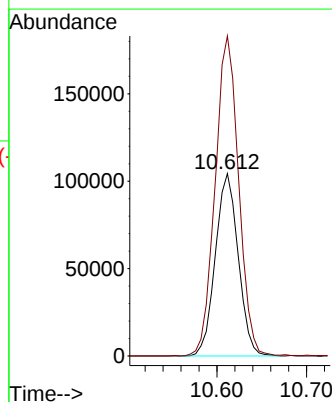
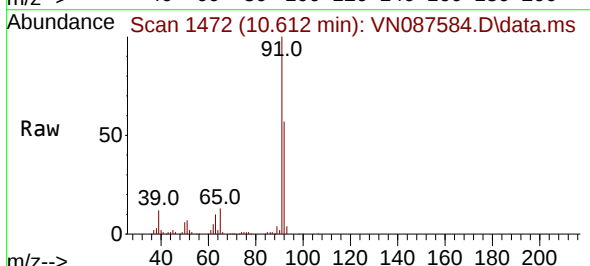
Instrument :  
MSVOA\_N  
ClientSampleId :

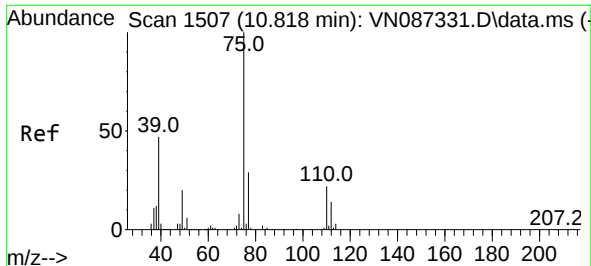
Tgt Ion: 43 Resp: 699469  
Ion Ratio Lower Upper  
43 100  
58 37.9 30.8 46.2



#52  
Toluene  
Concen: 19.798 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 92 Resp: 184471  
Ion Ratio Lower Upper  
92 100  
91 180.3 135.1 202.7

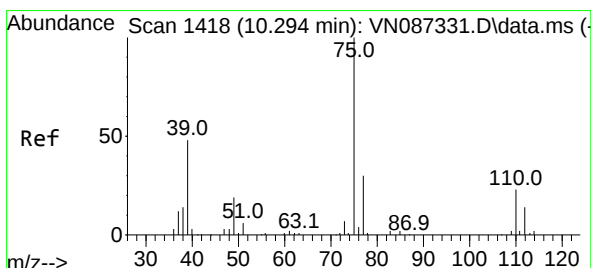
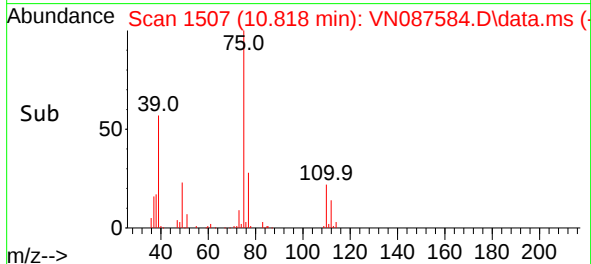
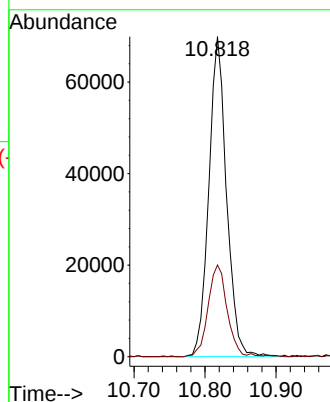
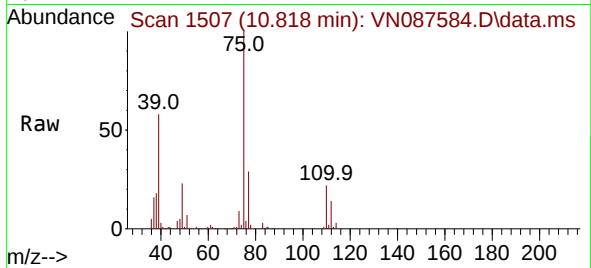




#53  
t-1,3-Dichloropropene  
Concen: 20.390 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

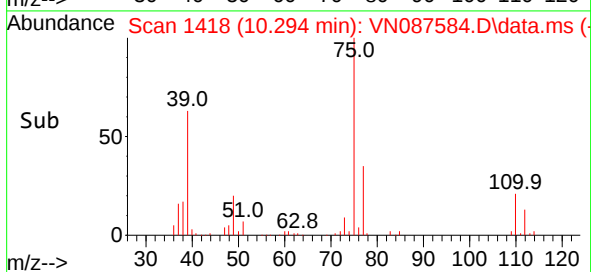
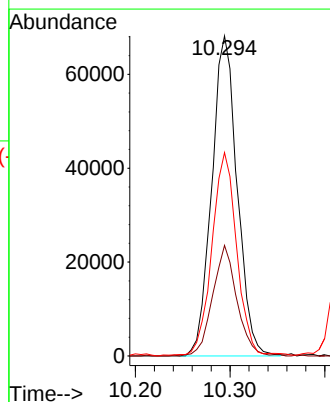
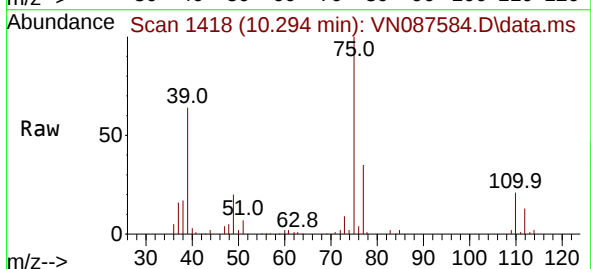
Instrument :  
MSVOA\_N  
ClientSampleId :

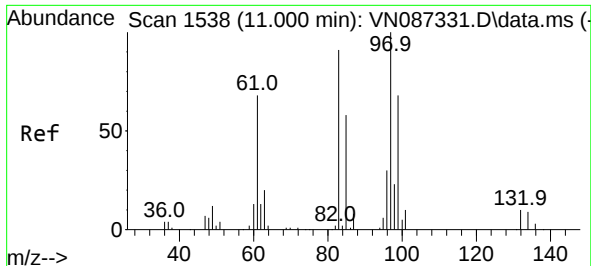
Tgt Ion: 75 Resp: 121219  
Ion Ratio Lower Upper  
75 100  
77 28.7 23.6 35.4



#54  
cis-1,3-Dichloropropene  
Concen: 20.721 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 75 Resp: 127242  
Ion Ratio Lower Upper  
75 100  
77 34.6 24.2 36.2  
39 63.1 38.4 57.6#

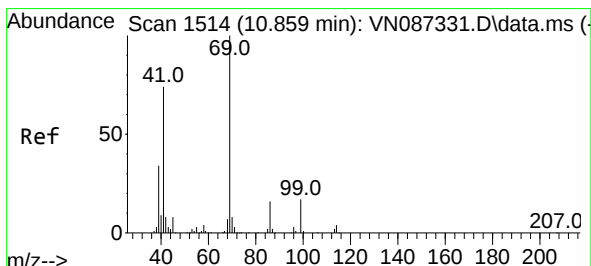
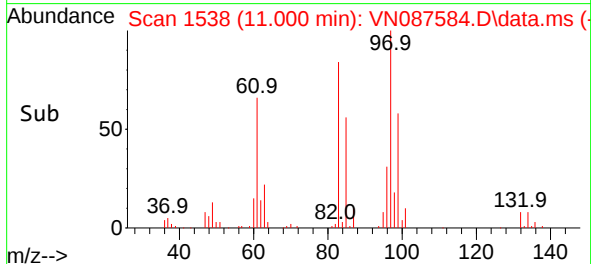
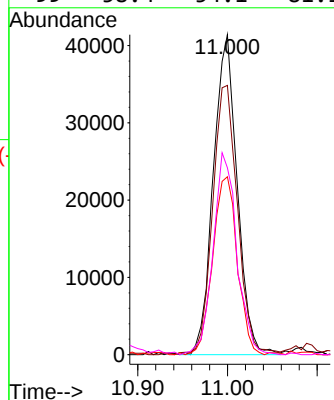
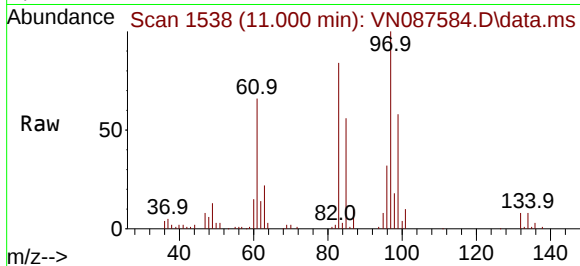




#55  
 1,1,2-Trichloroethane  
 Concen: 20.288 ug/l  
 RT: 11.000 min Scan# 1538  
 Delta R.T. -0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

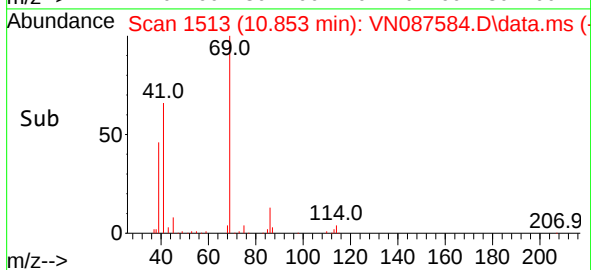
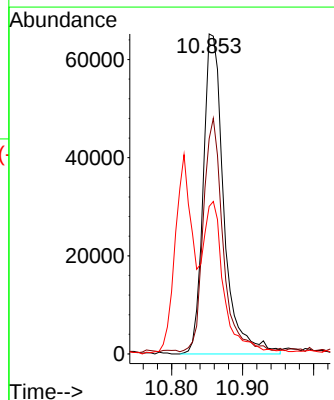
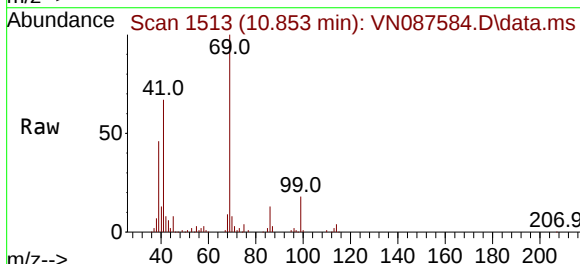
Instrument :  
 MSVOA\_N  
 ClientSampleId :

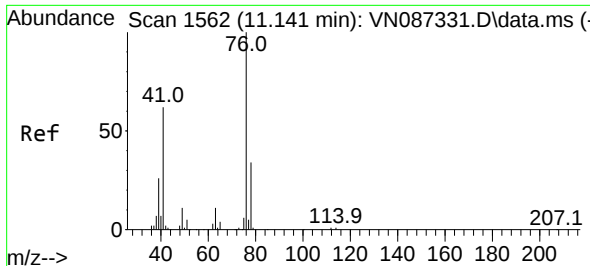
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 76530 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 72.6  | 109.0 |
| 85       | 55.1  | 46.7  | 70.1  |
| 99       | 58.4  | 54.1  | 81.1  |



#56  
 Ethyl methacrylate  
 Concen: 21.594 ug/l  
 RT: 10.853 min Scan# 1513  
 Delta R.T. -0.006 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 132115 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.5  | 55.1  | 82.7   |
| 39       | 48.0  | 27.9  | 41.9#  |

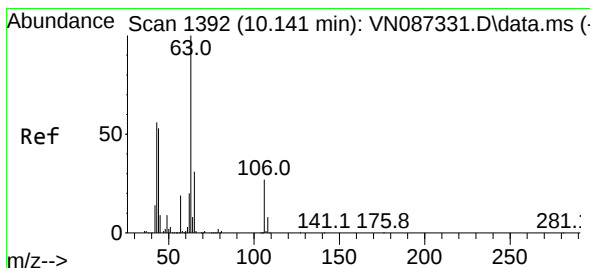
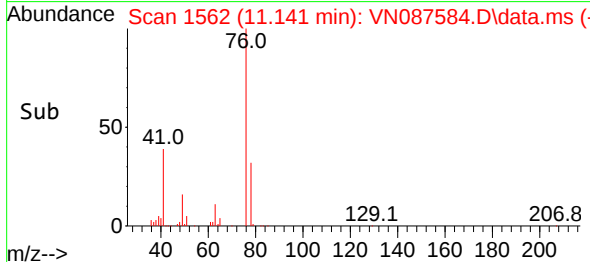
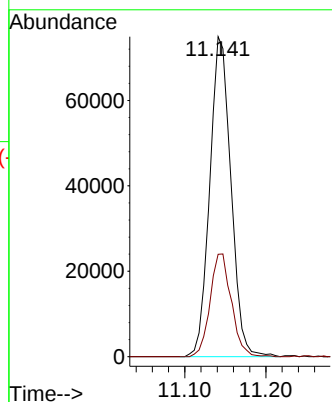
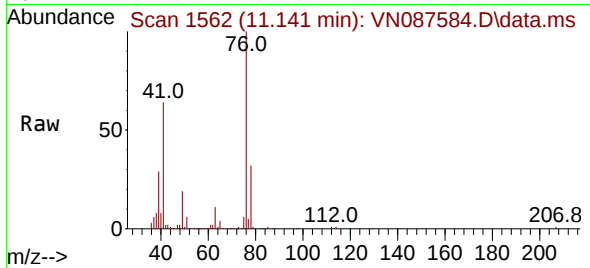




#57  
1,3-Dichloropropane  
Concen: 20.802 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

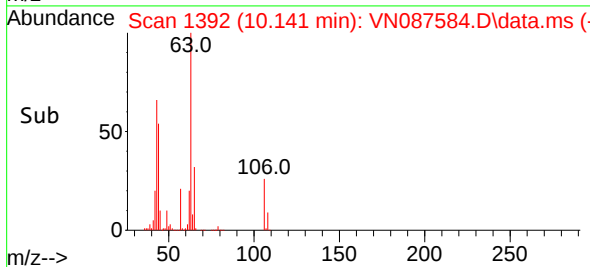
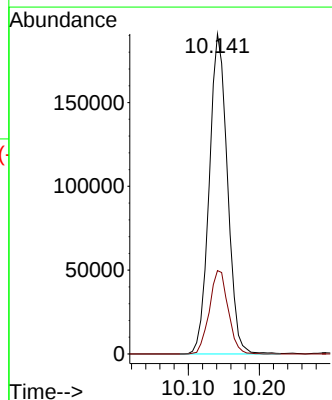
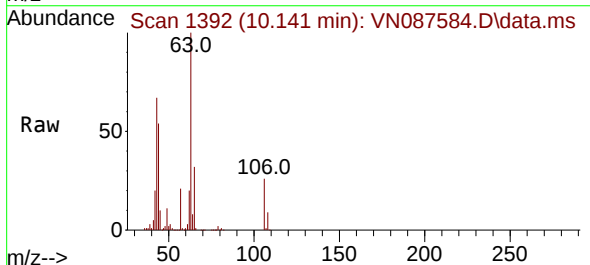
Instrument :  
MSVOA\_N  
ClientSampleId :

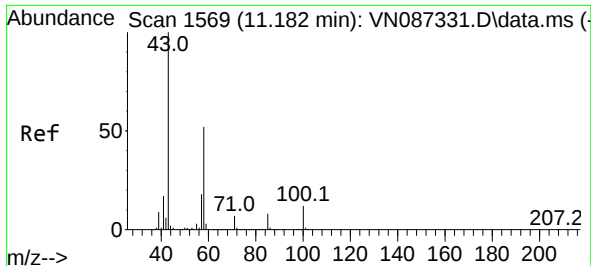
Tgt Ion: 76 Resp: 135674  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 109.752 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 63 Resp: 339618  
Ion Ratio Lower Upper  
63 100  
106 26.8 21.7 32.5

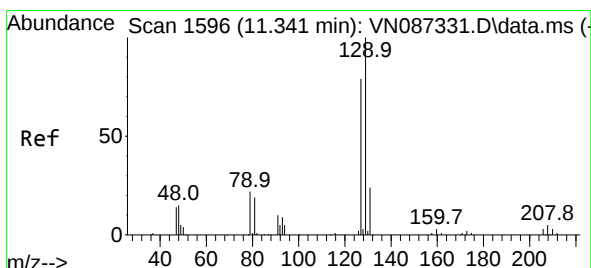
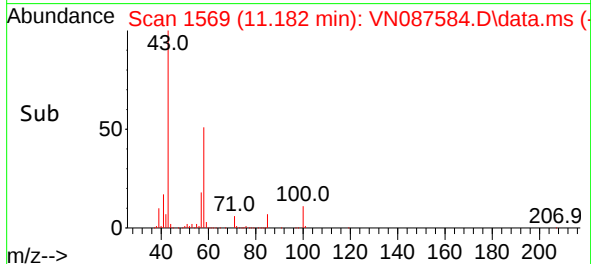
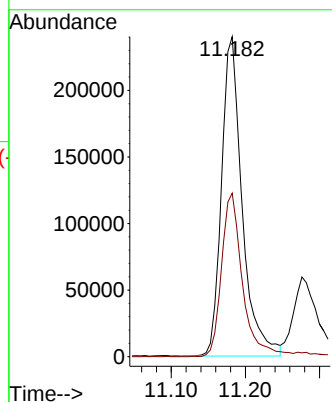
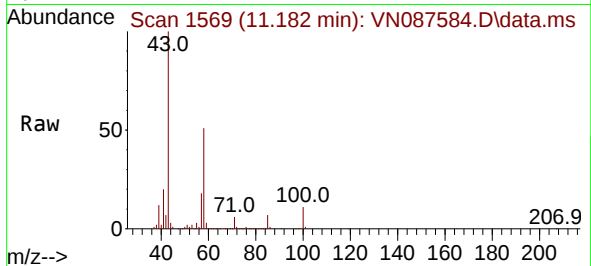




#59  
2-Hexanone  
Concen: 103.806 ug/l  
RT: 11.182 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

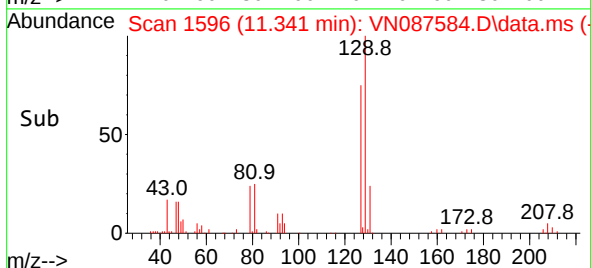
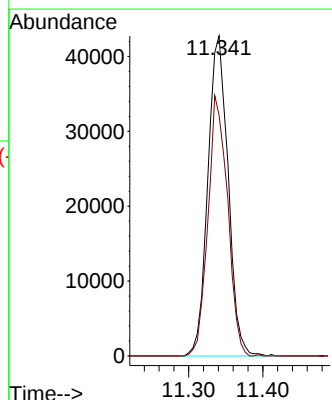
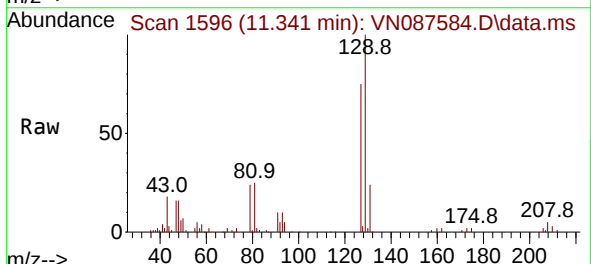
Instrument :  
MSVOA\_N  
ClientSampleId :

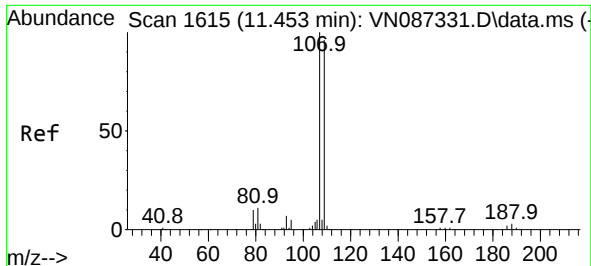
Tgt Ion: 43 Resp: 463193  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.7 80.0



#60  
Dibromochloromethane  
Concen: 18.852 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:129 Resp: 81101  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.1 117.5

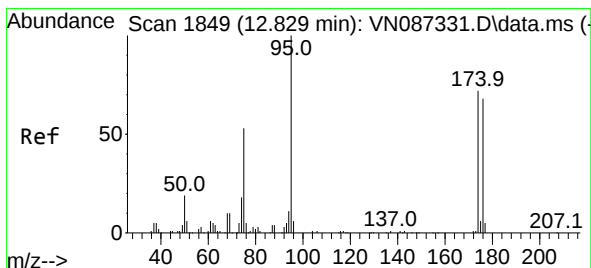
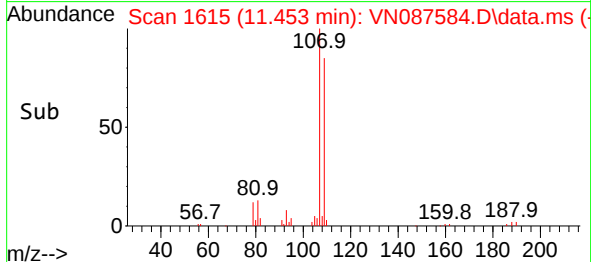
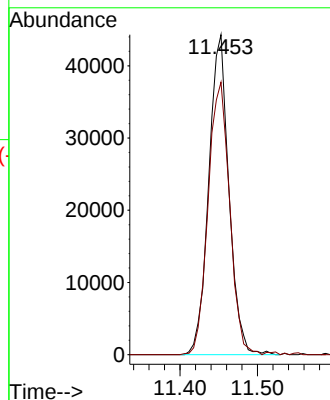
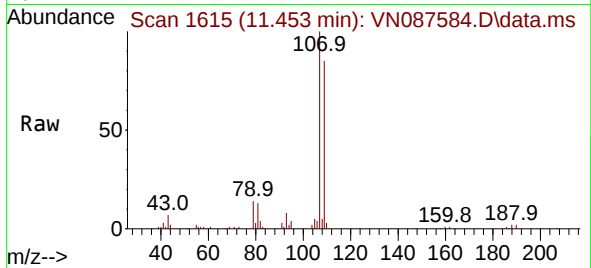




#61  
1,2-Dibromoethane  
Concen: 20.170 ug/l  
RT: 11.453 min Scan# 1615  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

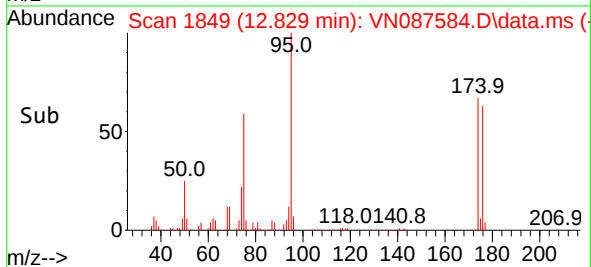
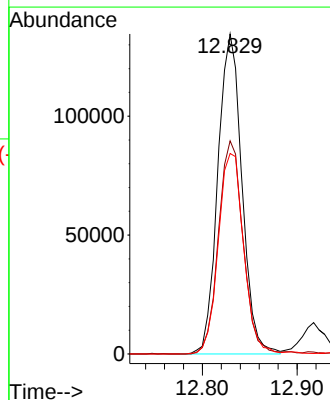
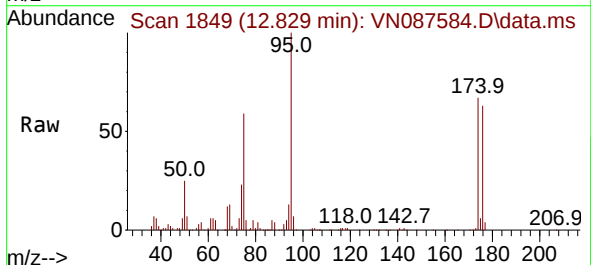
Instrument :  
MSVOA\_N  
ClientSampleId :

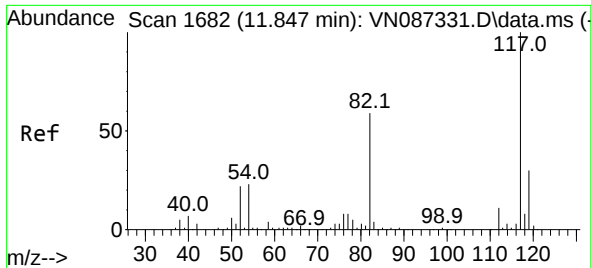
Tgt Ion:107 Resp: 79998  
Ion Ratio Lower Upper  
107 100  
109 90.8 77.5 116.3



#62  
4-Bromofluorobenzene  
Concen: 50.299 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 95 Resp: 237971  
Ion Ratio Lower Upper  
95 100  
174 68.3 0.0 149.4  
176 65.9 0.0 141.2

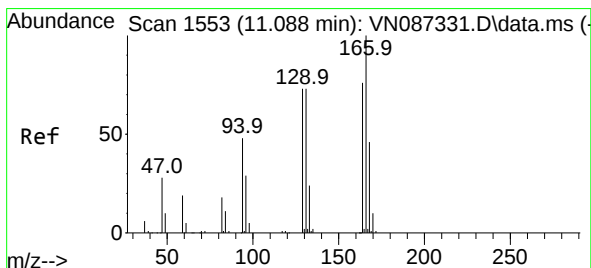
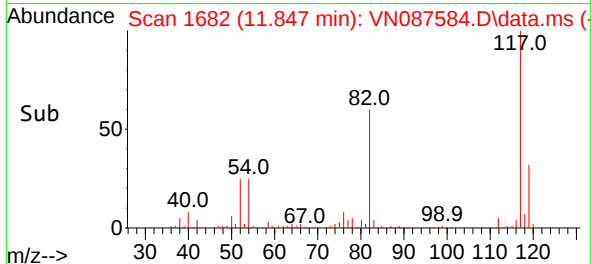
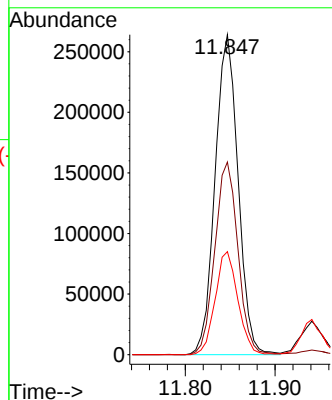
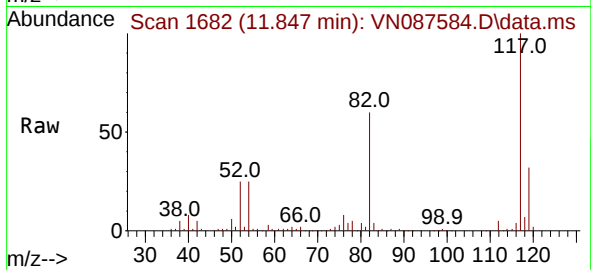




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

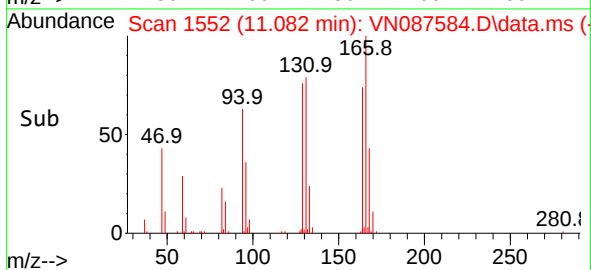
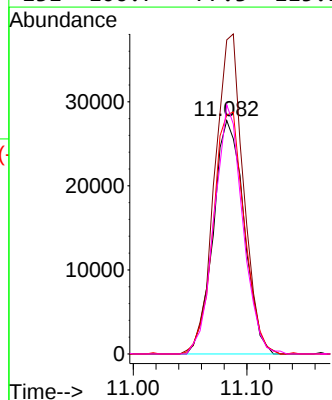
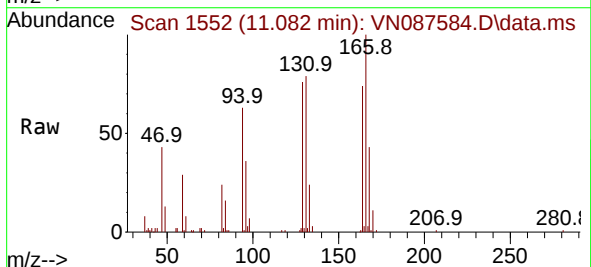
Instrument :  
MSVOA\_N  
ClientSampleId :

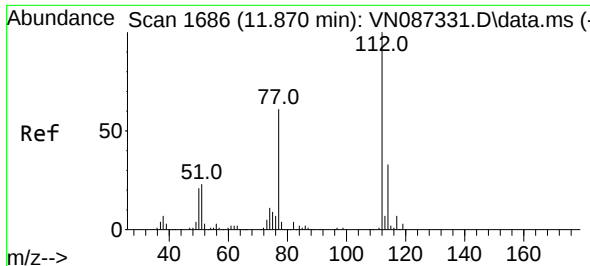
Tgt Ion:117 Resp: 470615  
Ion Ratio Lower Upper  
117 100  
82 60.2 47.4 71.2  
119 32.2 23.8 35.8



#64  
Tetrachloroethene  
Concen: 17.210 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:164 Resp: 52128  
Ion Ratio Lower Upper  
164 100  
166 134.6 105.5 158.3  
129 102.3 77.4 116.2  
131 106.7 77.3 115.9

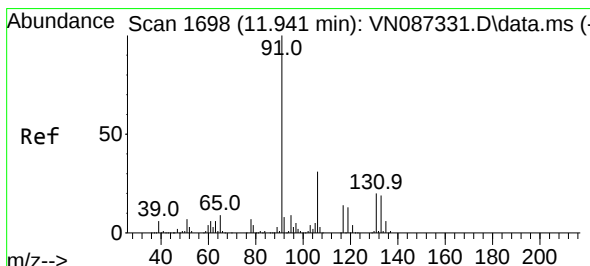
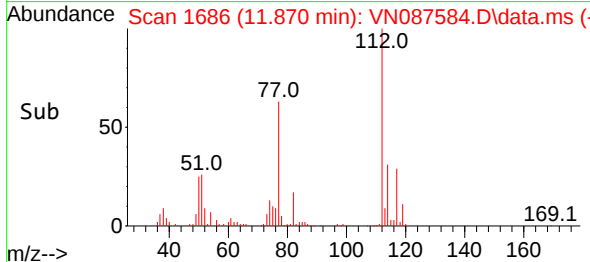
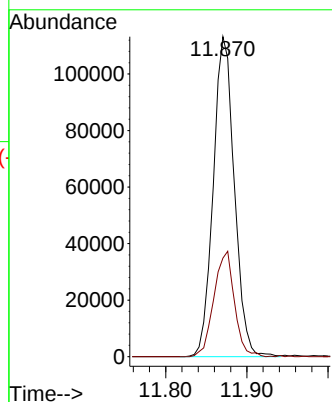
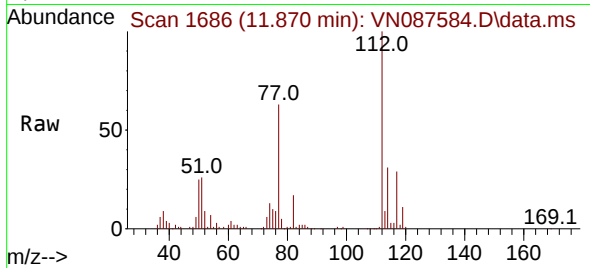




#65  
Chlorobenzene  
Concen: 19.359 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

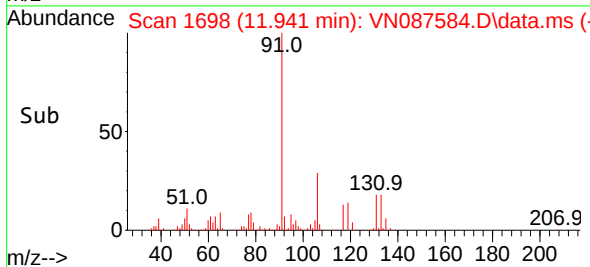
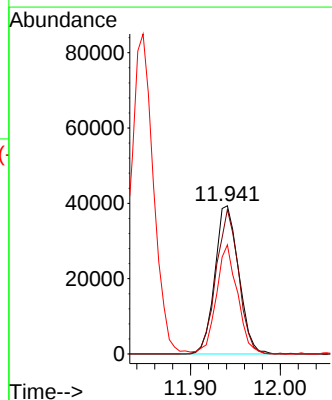
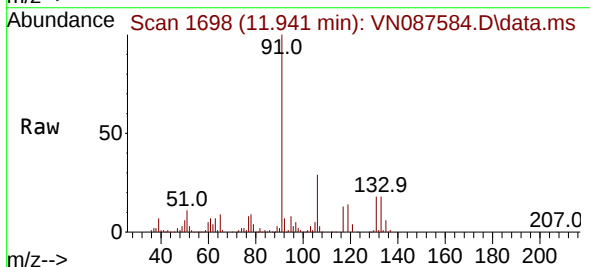
Instrument :  
MSVOA\_N  
ClientSampleId :

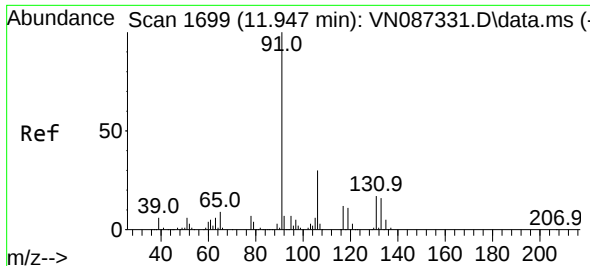
Tgt Ion:112 Resp: 204545  
Ion Ratio Lower Upper  
112 100  
114 30.8 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.180 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:131 Resp: 72500  
Ion Ratio Lower Upper  
131 100  
133 91.9 47.4 142.3  
119 65.4 33.1 99.2

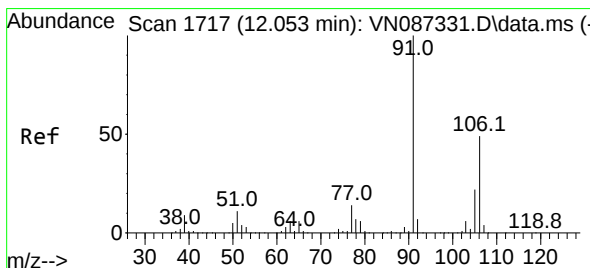
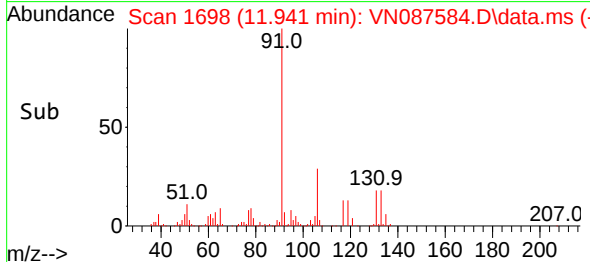
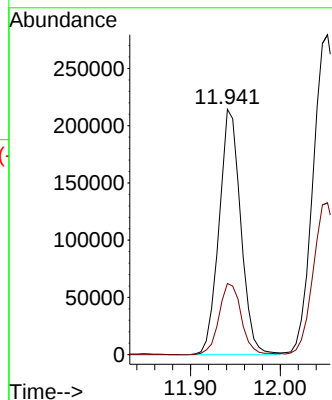
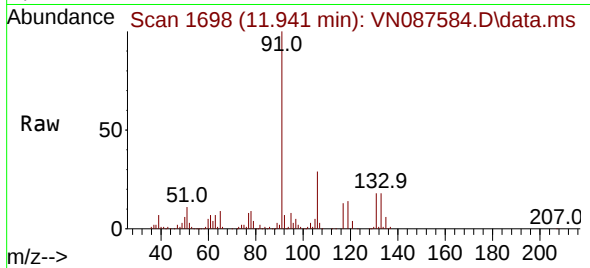




#67  
Ethyl Benzene  
Concen: 20.700 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

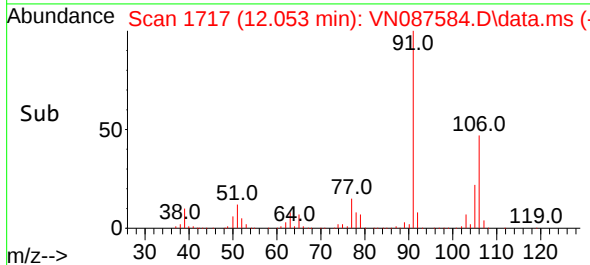
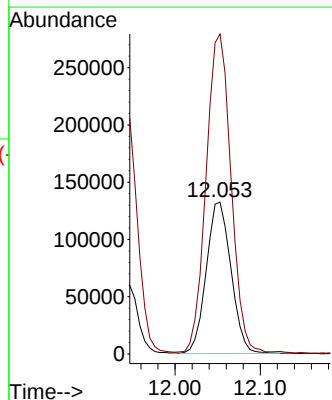
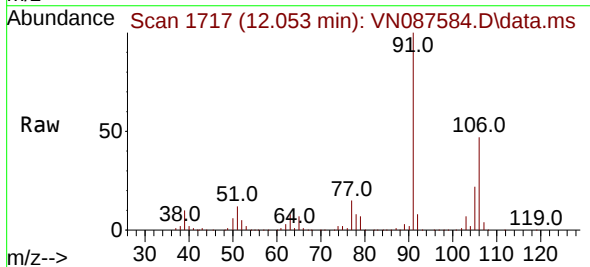
Instrument :  
MSVOA\_N  
ClientSampleId :

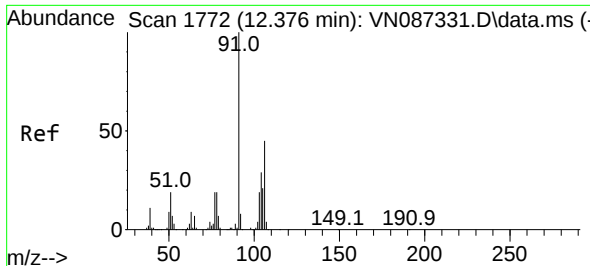
Tgt Ion: 91 Resp: 360051  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.3 36.5



#68  
m/p-Xylenes  
Concen: 40.951 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:106 Resp: 266723  
Ion Ratio Lower Upper  
106 100  
91 210.8 162.0 243.0

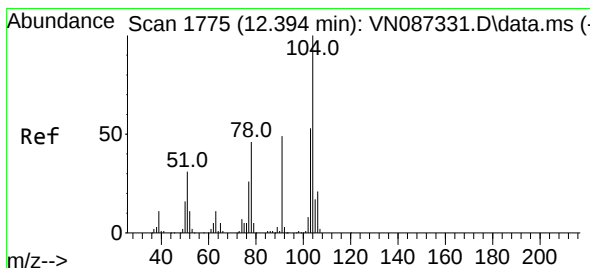
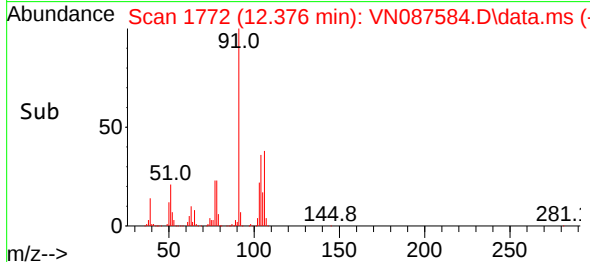
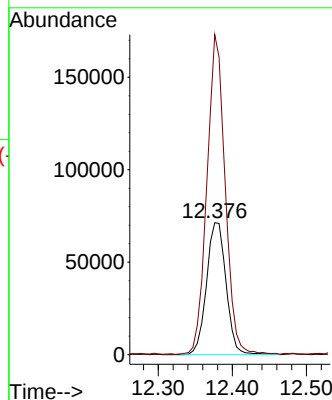
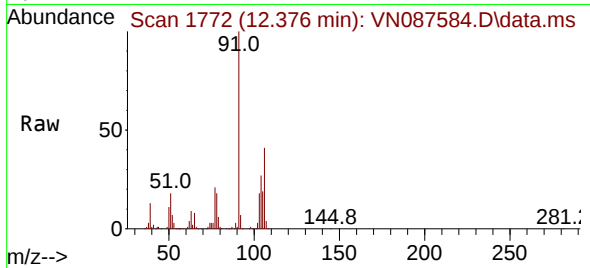




#69  
o-Xylene  
Concen: 21.063 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

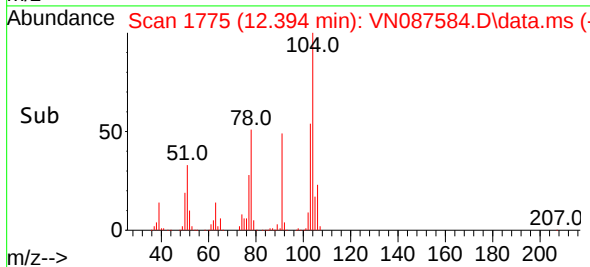
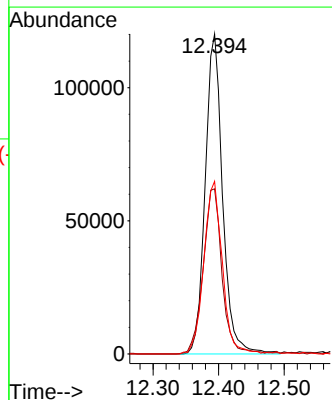
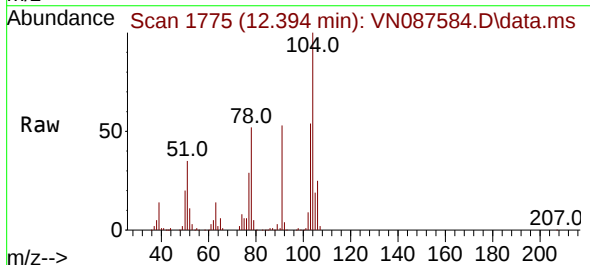
Instrument :  
MSVOA\_N  
ClientSampleId :

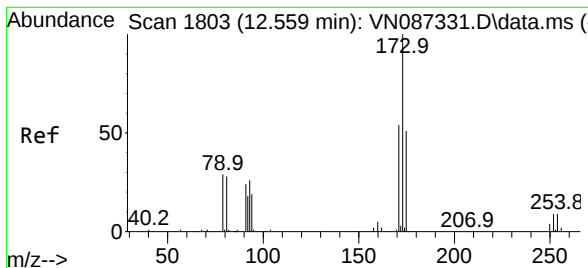
Tgt Ion:106 Resp: 131044  
Ion Ratio Lower Upper  
106 100  
91 225.9 107.7 323.3



#70  
Styrene  
Concen: 21.209 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:104 Resp: 221982  
Ion Ratio Lower Upper  
104 100  
78 55.7 41.0 61.6  
103 57.4 43.9 65.9





#71

Bromoform

Concen: 17.299 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN087584.D

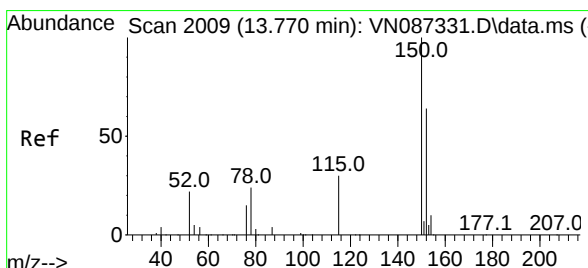
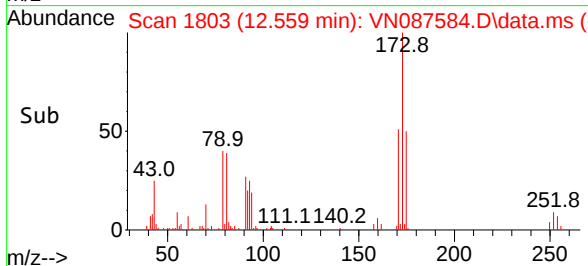
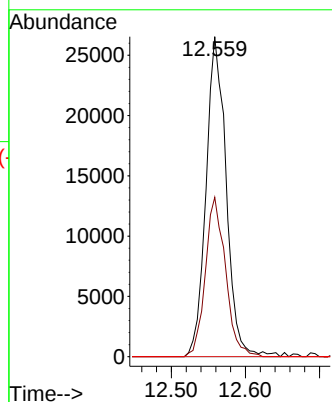
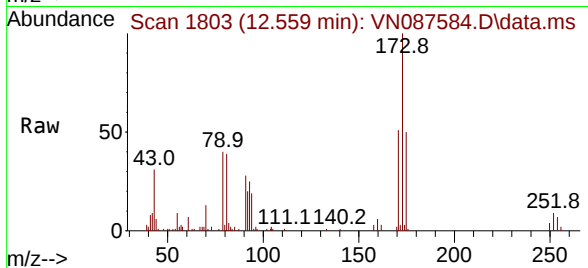
Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 50211     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.9  | 24.1 72.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

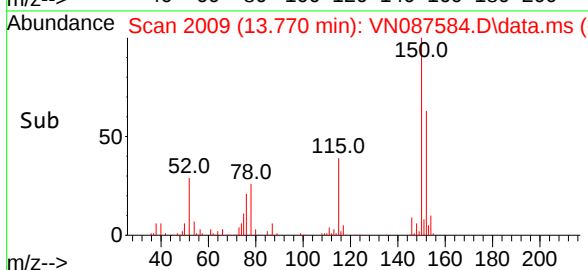
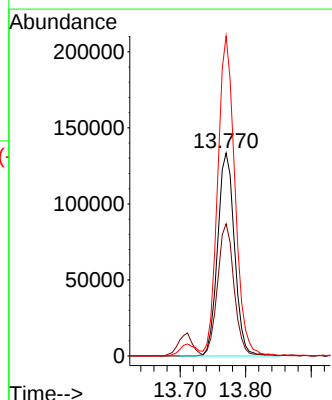
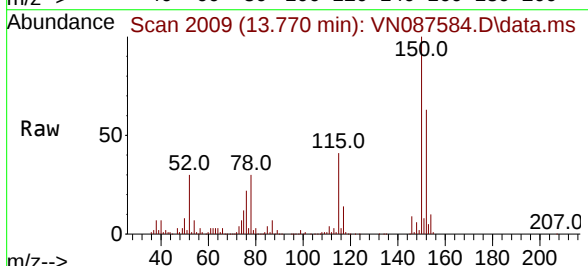
RT: 13.770 min Scan# 2009

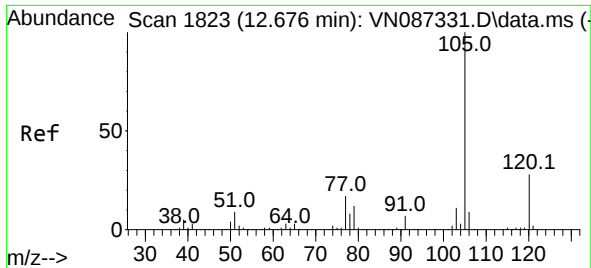
Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 238094    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 64.1  | 31.1 93.5 |
| 150         | 159.7 | 0.0 349.0 |

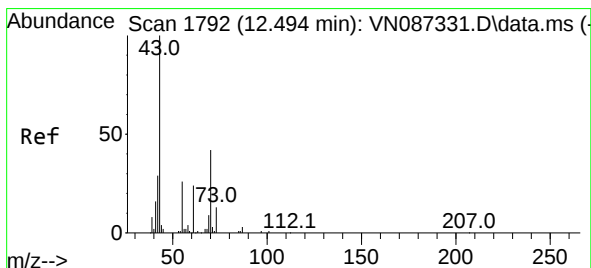
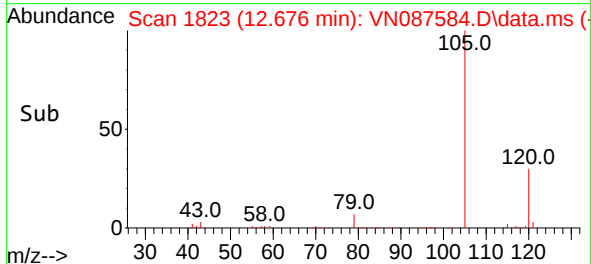
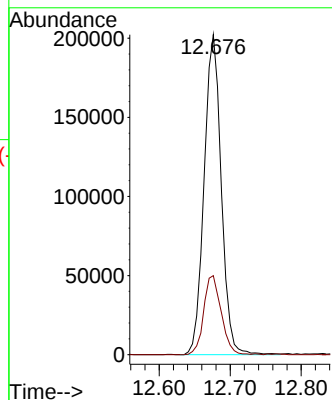
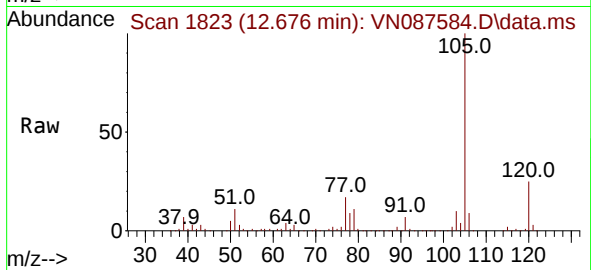




#73  
Isopropylbenzene  
Concen: 22.692 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

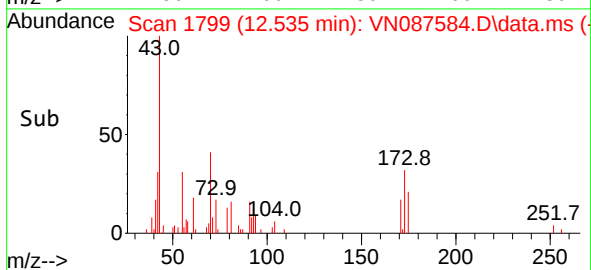
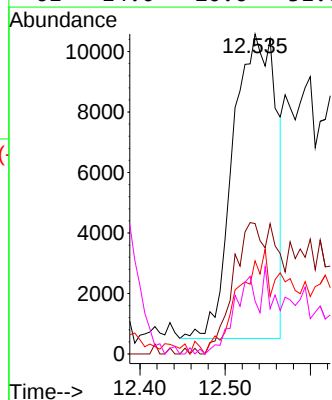
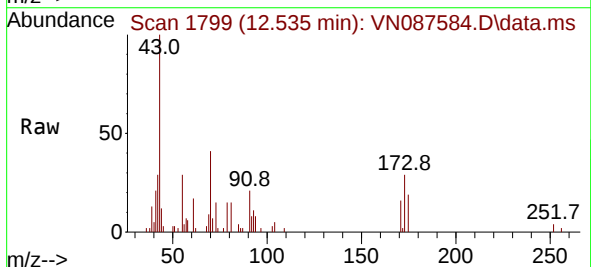
Instrument :  
MSVOA\_N  
ClientSampleId :

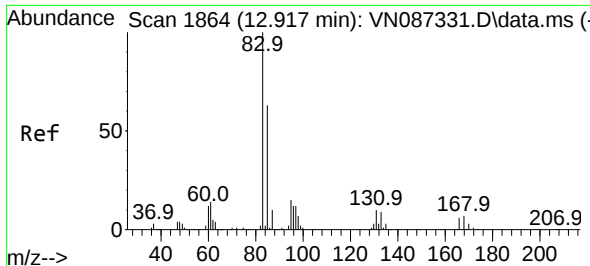
Tgt Ion:105 Resp: 340037  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.4 40.1



#74  
N-ethyl acetate  
Concen: 5.664 ug/l  
RT: 12.535 min Scan# 1799  
Delta R.T. 0.041 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 43 Resp: 35266  
Ion Ratio Lower Upper  
43 100  
70 30.9 37.6 56.4#  
55 0.0 19.6 29.4#  
61 14.0 20.6 31.0#

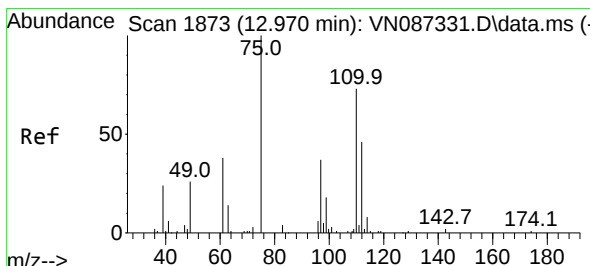
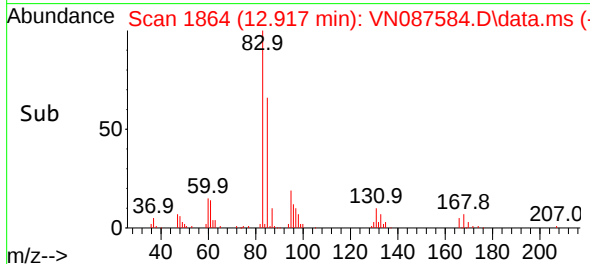
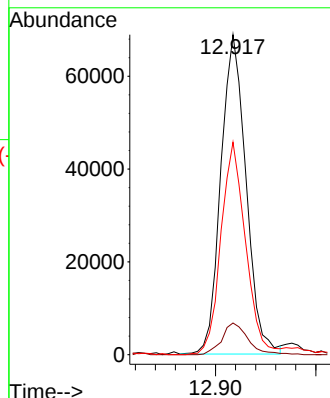
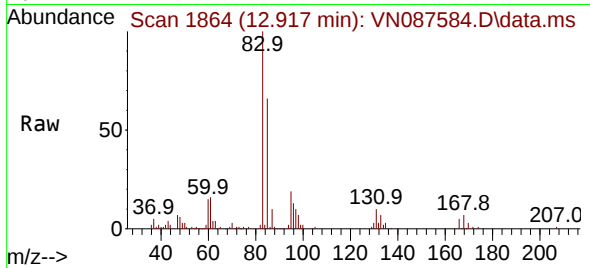




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.257 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. -0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

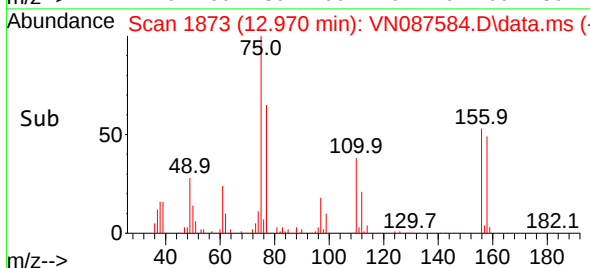
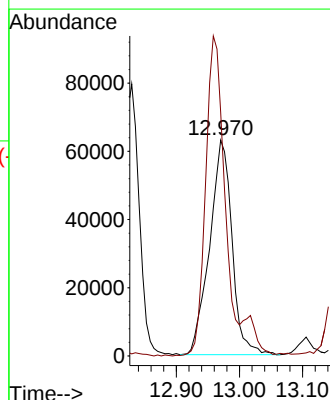
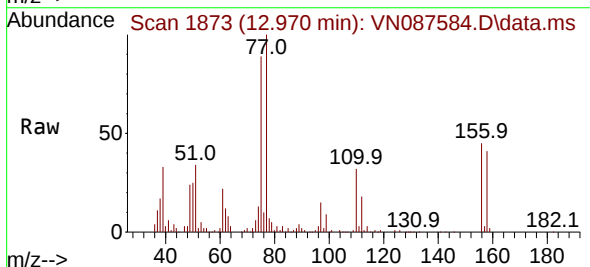
Instrument :  
 MSVOA\_N  
 ClientSampleId :

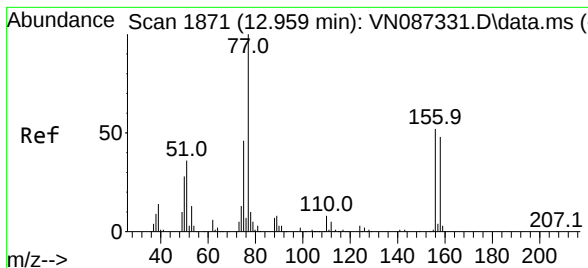
Tgt Ion: 83 Resp: 119858  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 5.1 15.3  
 85 65.2 32.5 97.4



#76  
 1,2,3-Trichloropropane  
 Concen: 29.108 ug/l  
 RT: 12.970 min Scan# 1873  
 Delta R.T. -0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

Tgt Ion: 75 Resp: 155412  
 Ion Ratio Lower Upper  
 75 100  
 77 124.8 94.5 283.6

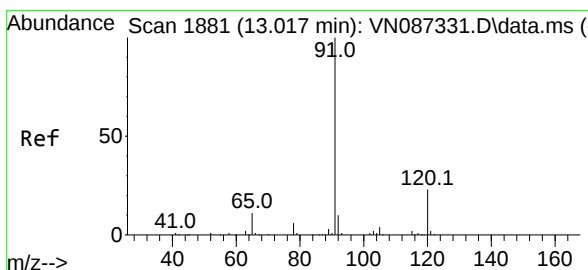
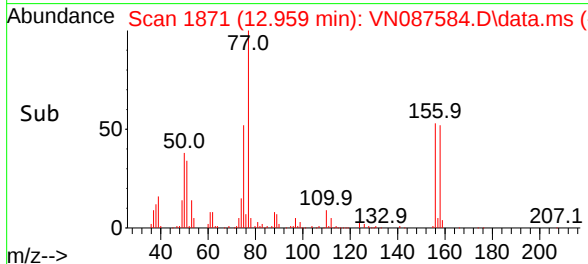
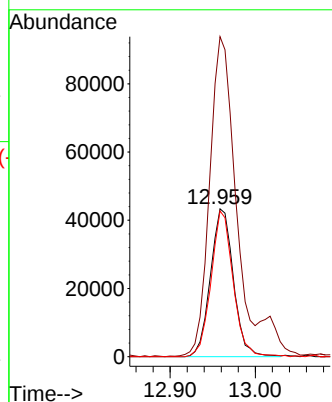
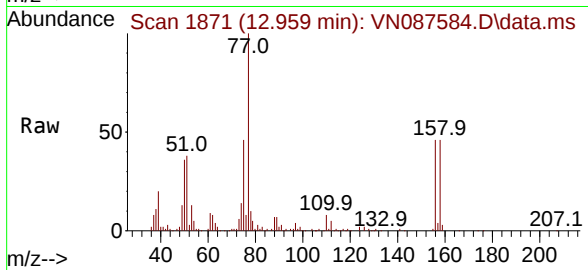




#77  
Bromobenzene  
Concen: 20.817 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

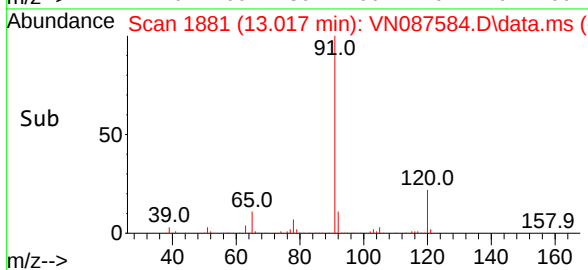
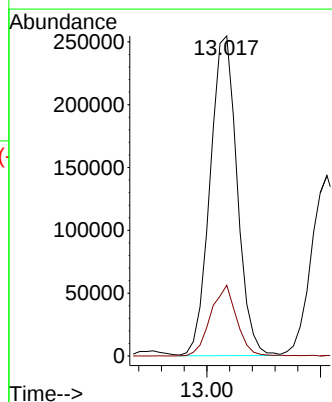
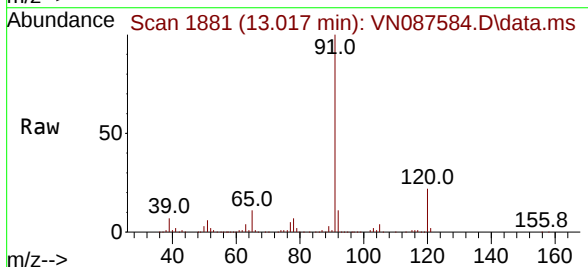
Instrument :  
MSVOA\_N  
ClientSampleId :

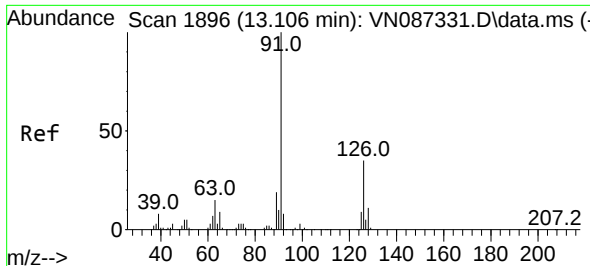
Tgt Ion:156 Resp: 80901  
Ion Ratio Lower Upper  
156 100  
77 239.8 114.9 344.6  
158 95.0 48.5 145.5



#78  
n-propylbenzene  
Concen: 22.362 ug/l  
RT: 13.017 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 91 Resp: 421612  
Ion Ratio Lower Upper  
91 100  
120 21.4 11.3 33.8

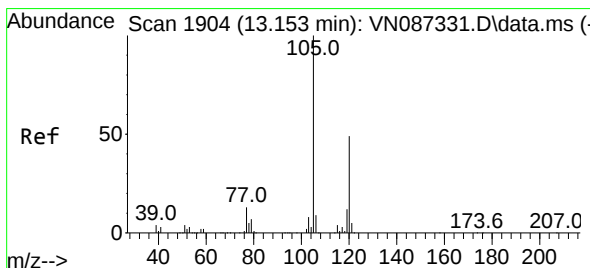
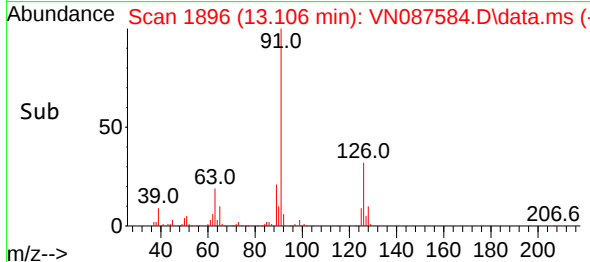
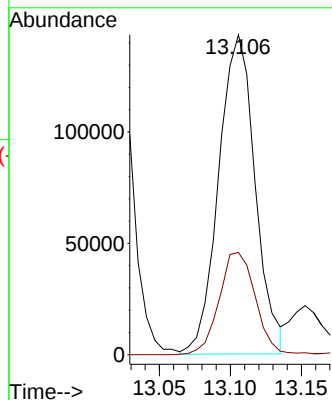
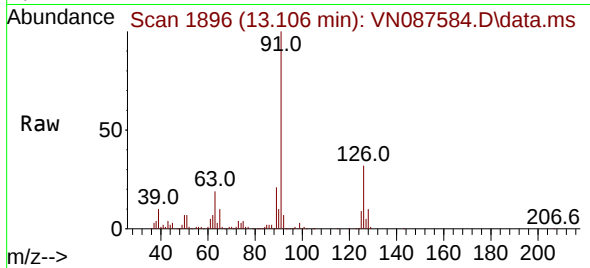




#79  
2-Chlorotoluene  
Concen: 22.111 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

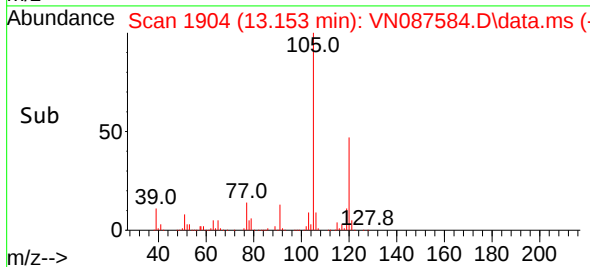
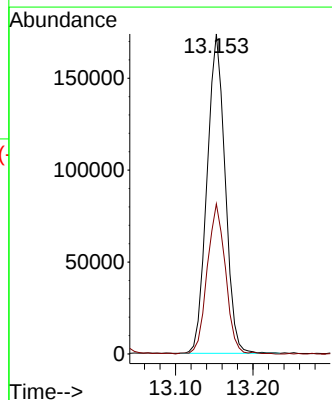
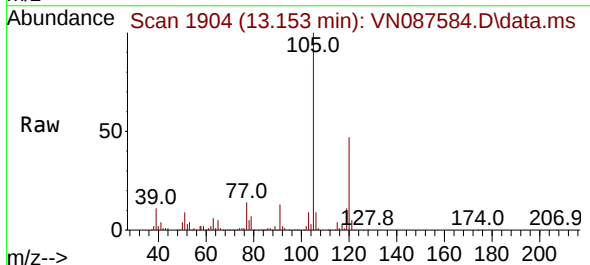
Instrument :  
MSVOA\_N  
ClientSampleId :

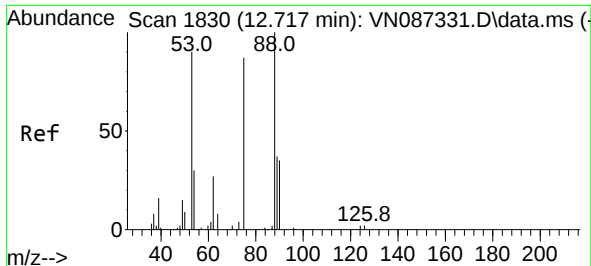
Tgt Ion: 91 Resp: 256199  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 22.061 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 105 Resp: 281674  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.3 72.8

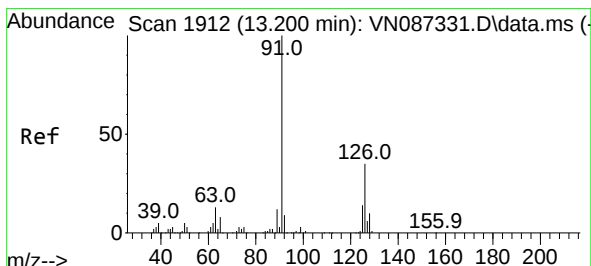
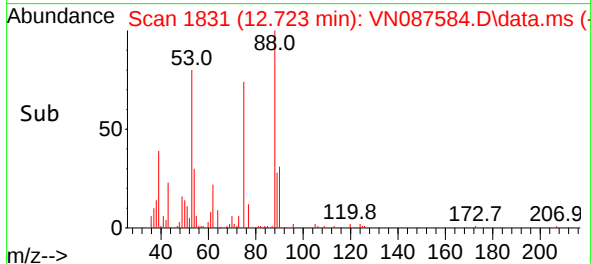
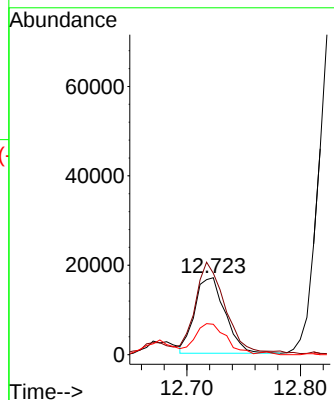
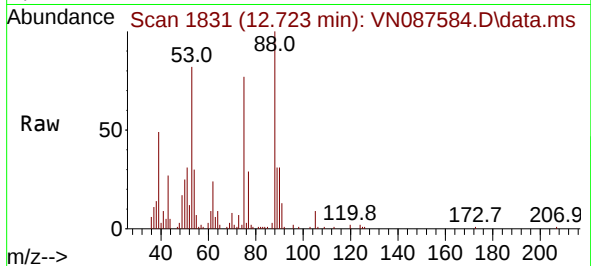




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.124 ug/l  
RT: 12.723 min Scan# 1831  
Delta R.T. 0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

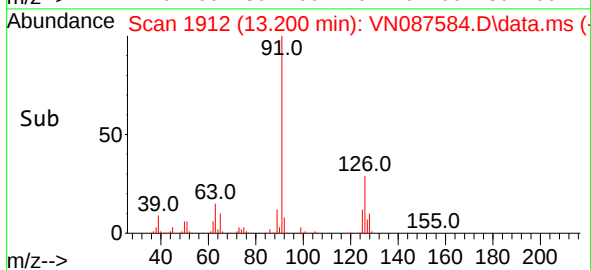
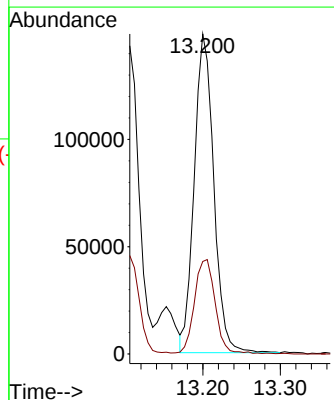
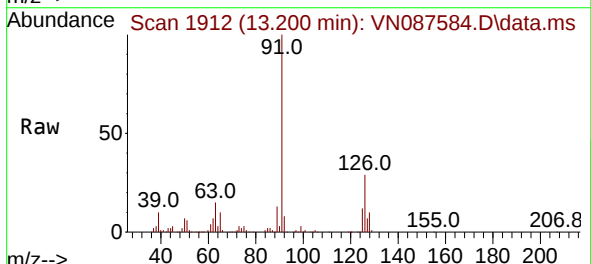
Instrument :  
MSVOA\_N  
ClientSampleId :

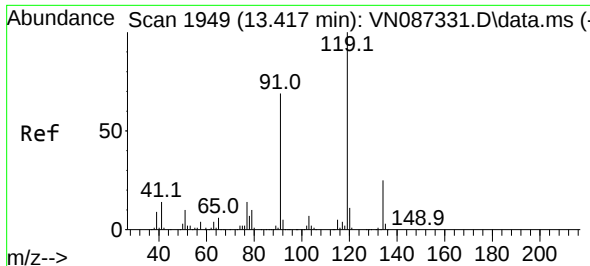
Tgt Ion: 75 Resp: 31462  
Ion Ratio Lower Upper  
75 100  
53 122.2 83.5 125.3  
89 38.8 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 21.549 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion: 91 Resp: 259966  
Ion Ratio Lower Upper  
91 100  
126 31.4 16.6 49.7

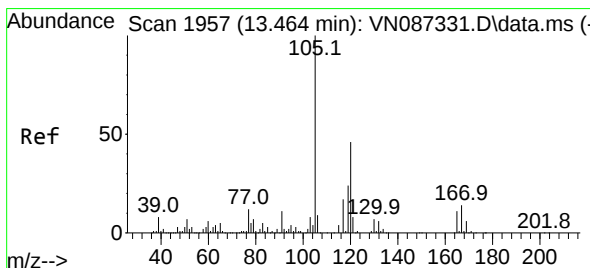
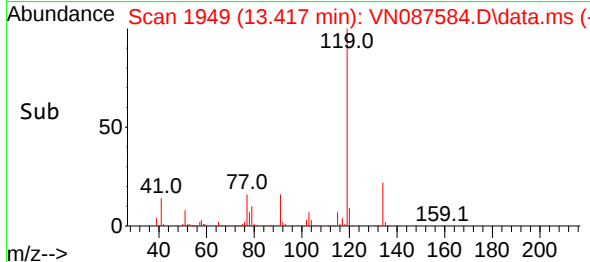
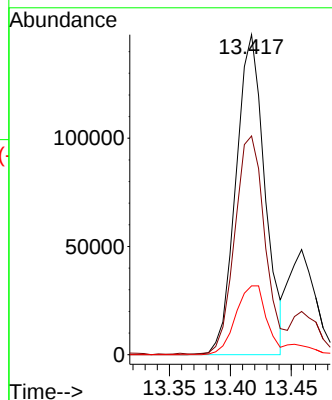
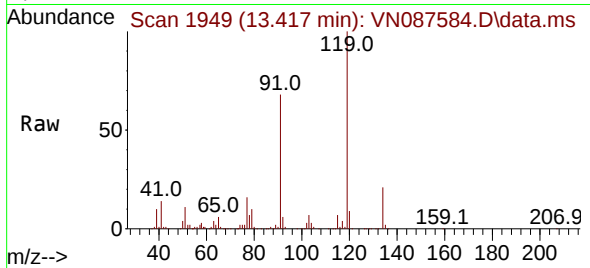




#83  
tert-Butylbenzene  
Concen: 22.914 ug/l  
RT: 13.417 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

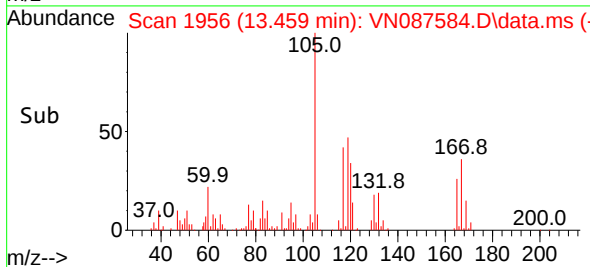
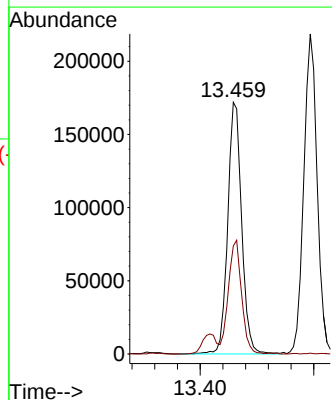
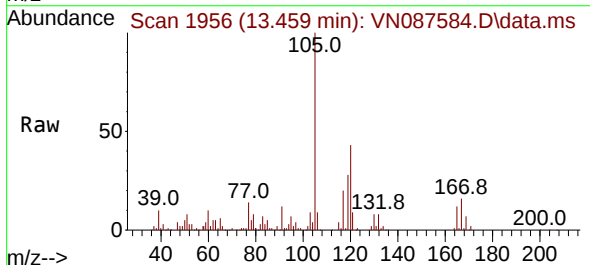
Instrument :  
MSVOA\_N  
ClientSampleId :

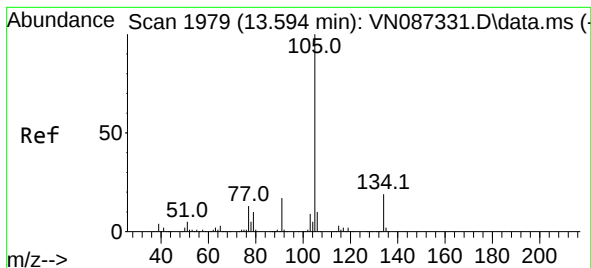
Tgt Ion:119 Resp: 244351  
Ion Ratio Lower Upper  
119 100  
91 71.9 35.0 105.1  
134 23.4 12.6 37.6



#84  
1,2,4-Trimethylbenzene  
Concen: 22.543 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: VN087584.D  
Acq: 15 Aug 2025 16:02

Tgt Ion:105 Resp: 293923  
Ion Ratio Lower Upper  
105 100  
120 42.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 22.270 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

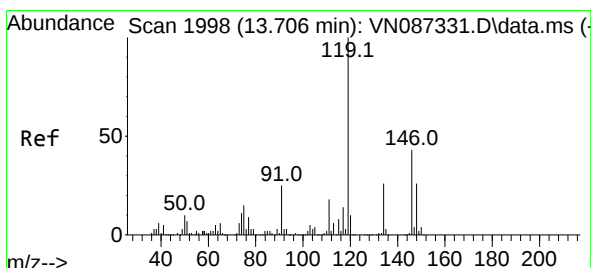
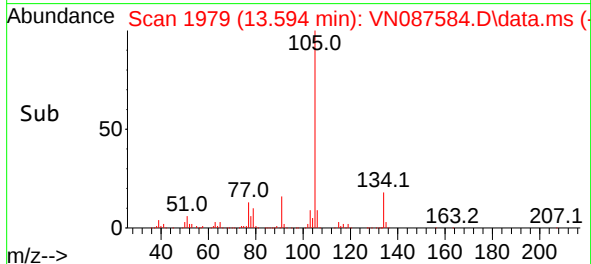
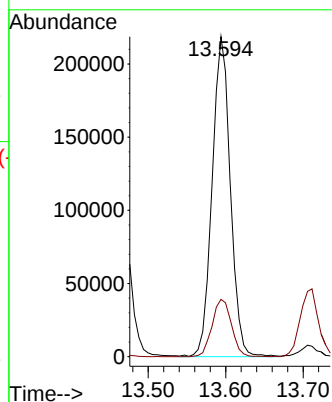
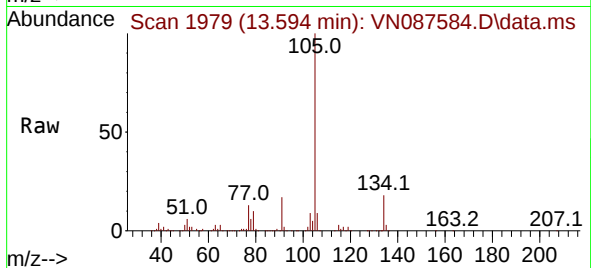
ClientSampleId :

Tgt Ion:105 Resp: 357702

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 22.945 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

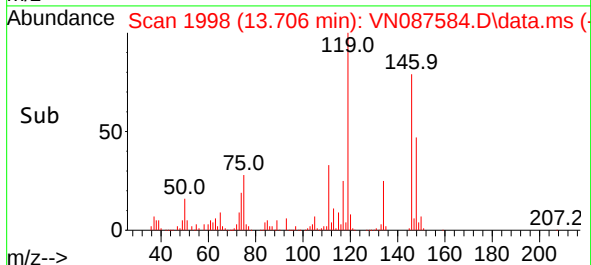
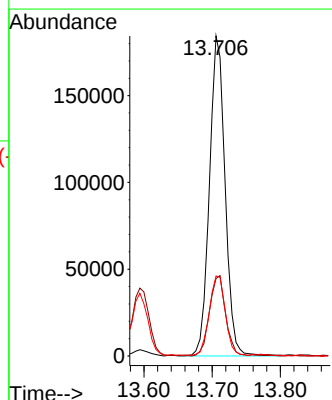
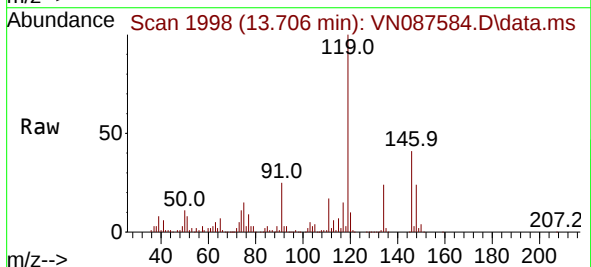
Tgt Ion:119 Resp: 295353

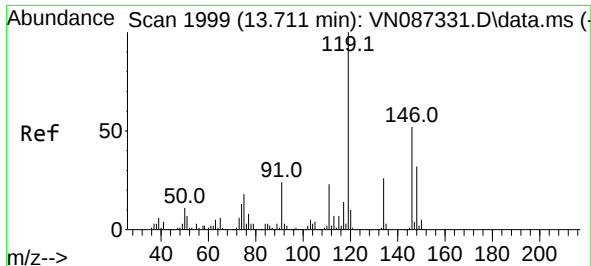
Ion Ratio Lower Upper

119 100

134 25.8 13.5 40.5

91 25.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 20.421 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

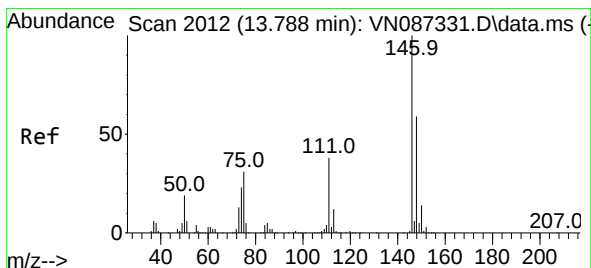
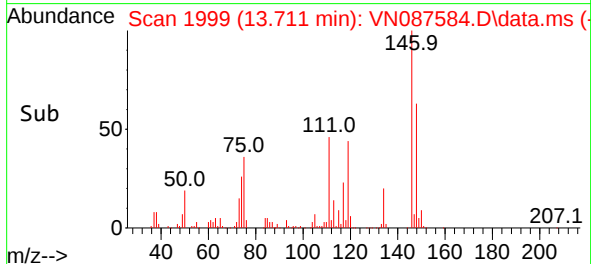
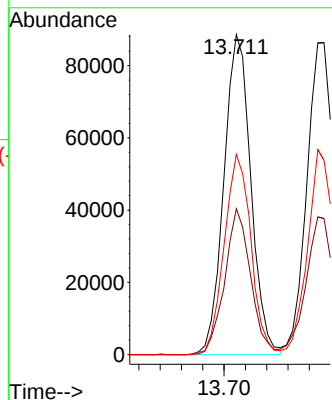
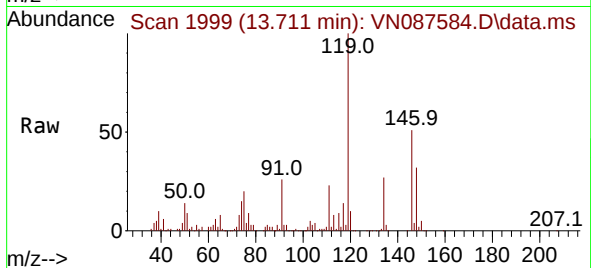
Tgt Ion:146 Resp: 155759

Ion Ratio Lower Upper

146 100

111 43.6 21.4 64.3

148 62.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 19.543 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

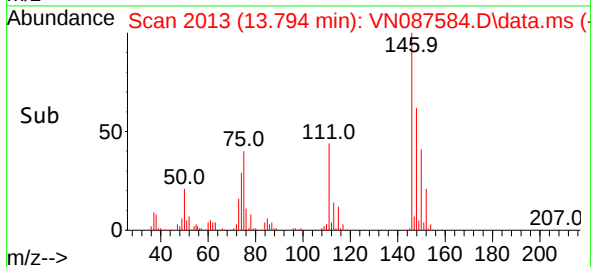
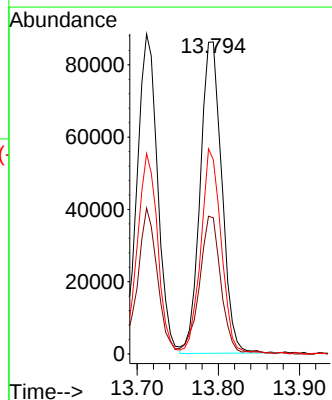
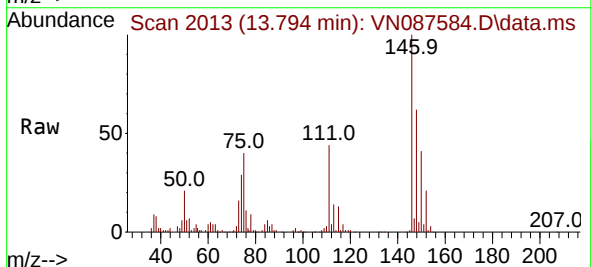
Tgt Ion:146 Resp: 159198

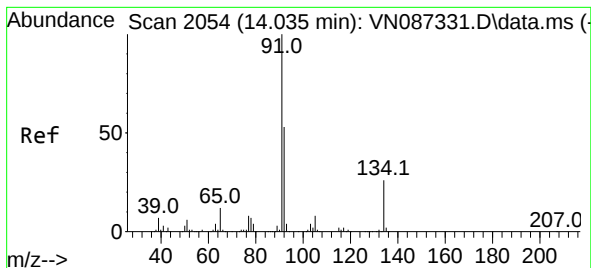
Ion Ratio Lower Upper

146 100

111 42.6 19.6 58.7

148 62.3 31.4 94.0





#89

n-Butylbenzene

Concen: 23.522 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

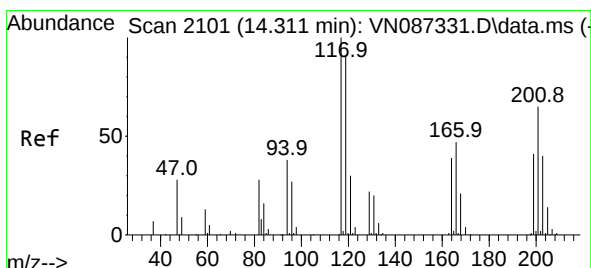
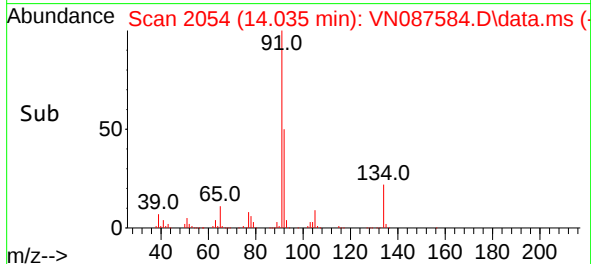
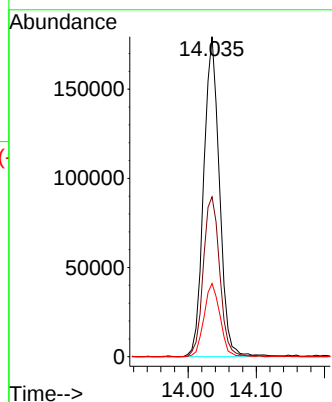
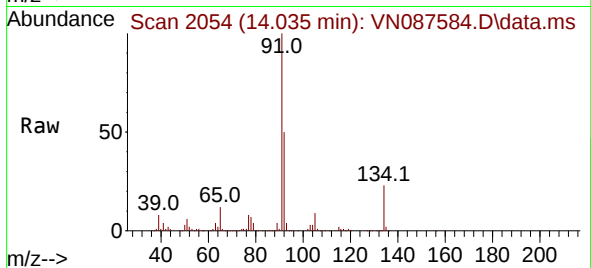
Tgt Ion: 91 Resp: 289115

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

134 23.0 12.4 37.2



#90

Hexachloroethane

Concen: 19.503 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087584.D

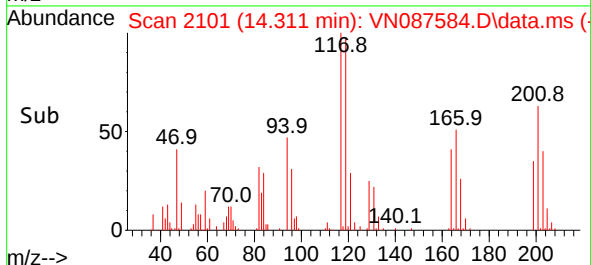
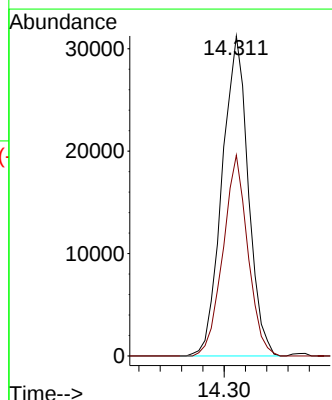
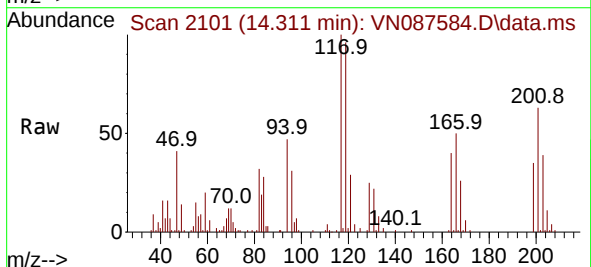
Acq: 15 Aug 2025 16:02

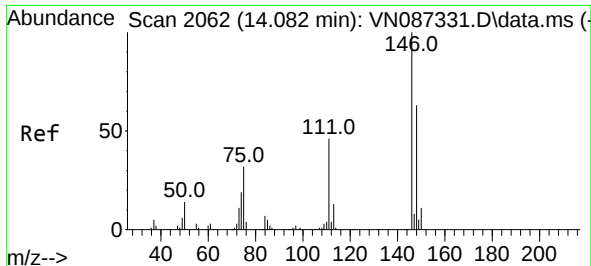
Tgt Ion: 117 Resp: 53190

Ion Ratio Lower Upper

117 100

201 59.6 32.8 98.4

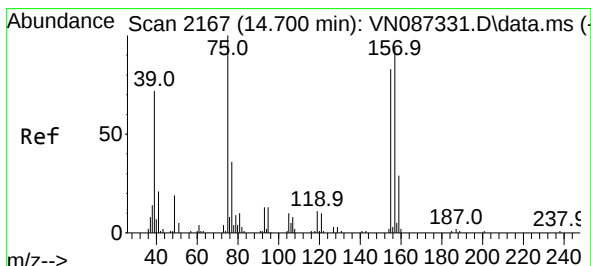
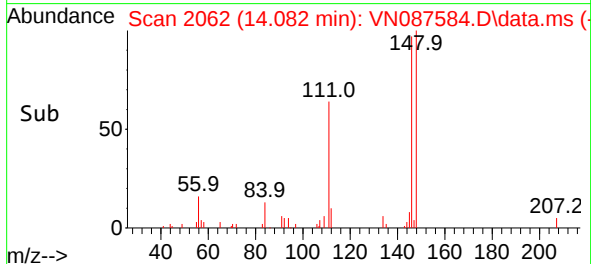
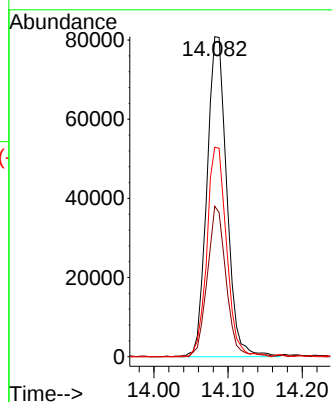
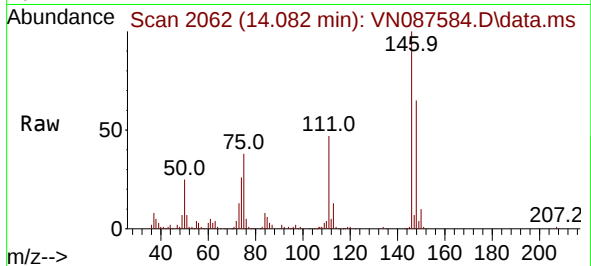




#91  
 1,2-Dichlorobenzene  
 Concen: 20.794 ug/l  
 RT: 14.082 min Scan# 2062  
 Delta R.T. 0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

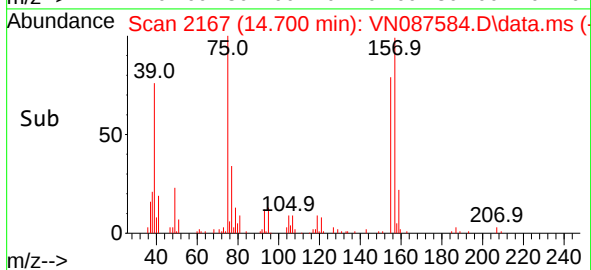
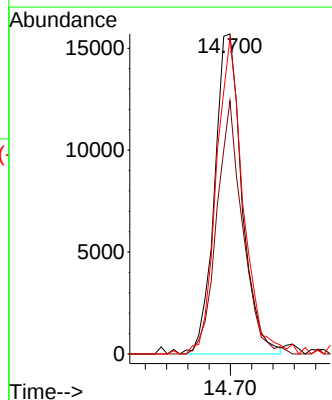
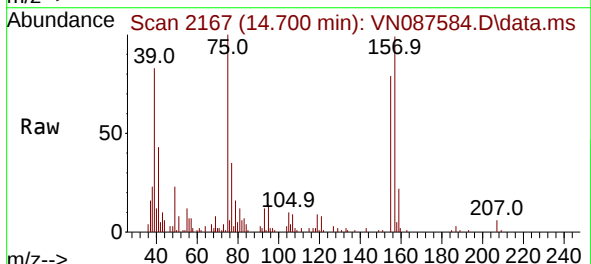
Instrument :  
 MSVOA\_N  
 ClientSampleId :

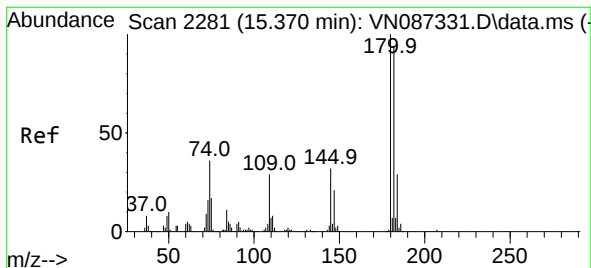
Tgt Ion:146 Resp: 150250  
 Ion Ratio Lower Upper  
 146 100  
 111 44.7 22.0 66.0  
 148 64.8 32.7 98.1



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.913 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. -0.000 min  
 Lab File: VN087584.D  
 Acq: 15 Aug 2025 16:02

Tgt Ion: 75 Resp: 27999  
 Ion Ratio Lower Upper  
 75 100  
 155 74.6 37.3 111.8  
 157 97.5 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 21.240 ug/l

RT: 15.370 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

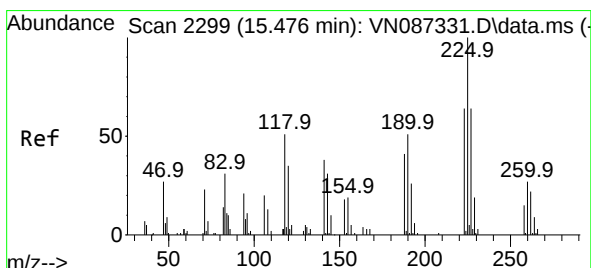
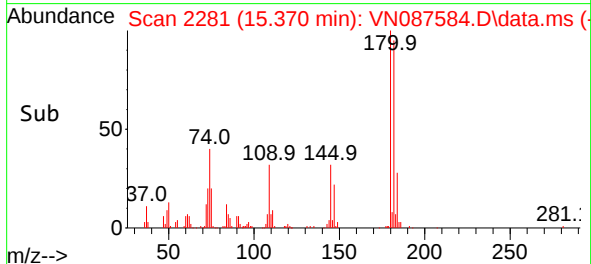
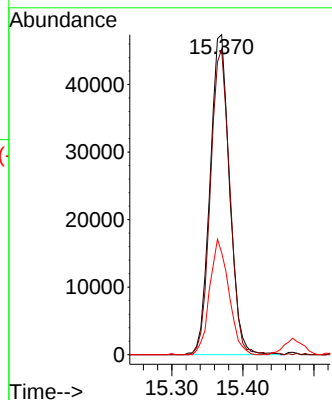
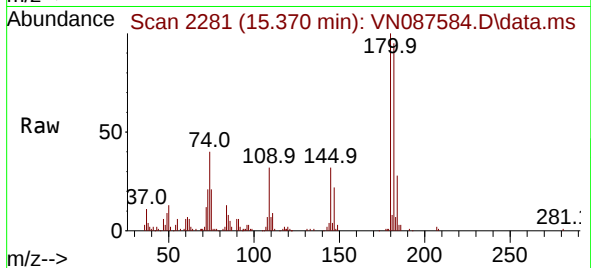
Tgt Ion:180 Resp: 90154

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 35.4 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.953 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

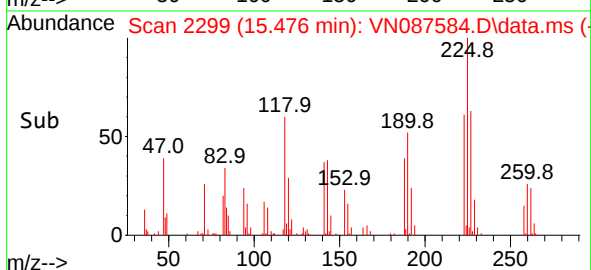
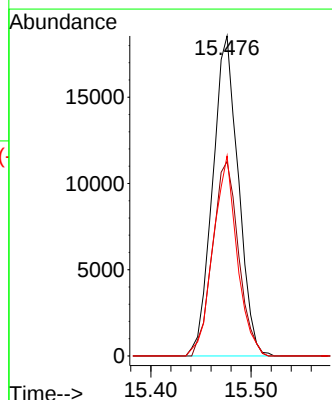
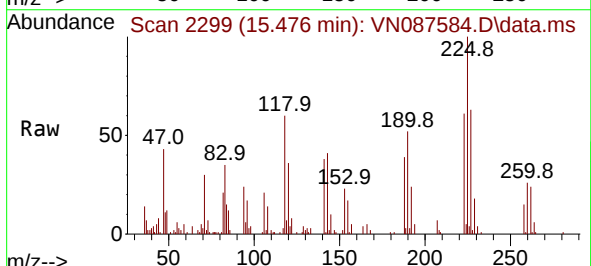
Tgt Ion:225 Resp: 33046

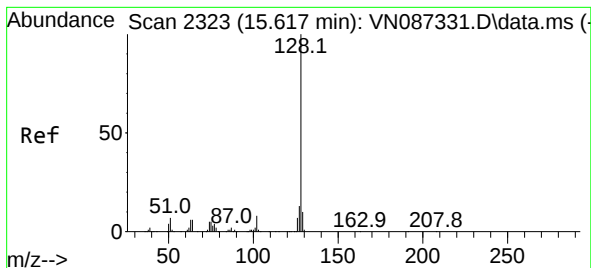
Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.3

227 58.6 31.3 93.9





#95

Naphthalene

Concen: 22.533 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA\_N

ClientSampleId :

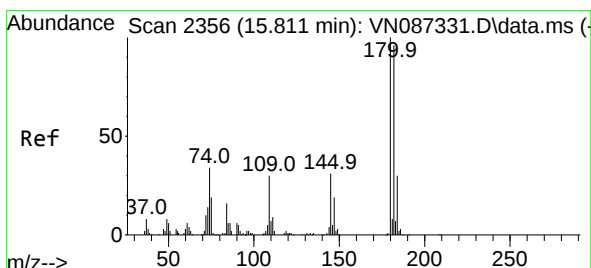
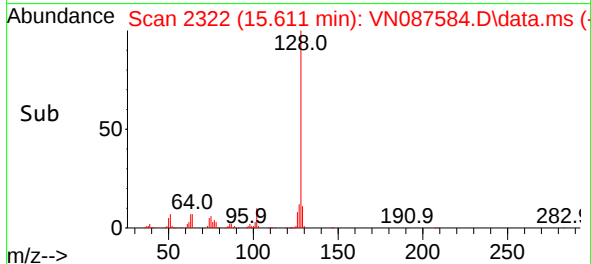
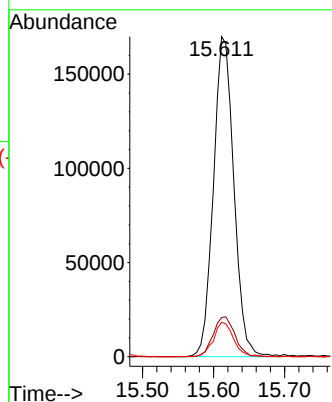
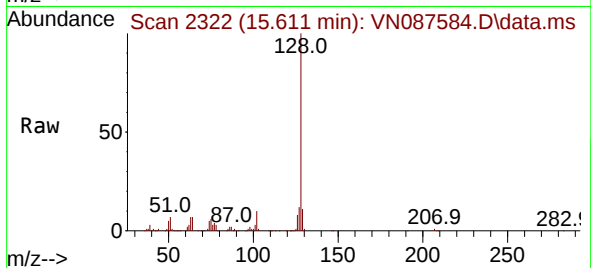
Tgt Ion:128 Resp: 338816

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 20.738 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Tgt Ion:180 Resp: 88296

Ion Ratio Lower Upper

180 100

182 92.6 47.1 141.4

145 34.3 16.9 50.6

