

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120325\  
 Data File : VN088416.D  
 Acq On : 03 Dec 2025 10:09  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 04 00:13:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 266209   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.083  | 114  | 462230   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 427792   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.765 | 152  | 213345   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 261610   | 52.167   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.340% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 174831   | 54.580   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.160% |      |
| 50) Toluene-d8              | 10.541 | 98    | 642527   | 53.910   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 107.820% |      |
| 62) 4-Bromofluorobenzene    | 12.823 | 95    | 225998   | 55.264   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 110.520% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 210770  | 52.713  | ug/l   | 98  |
| 3) Chloromethane             | 2.383 | 50  | 204982  | 47.732  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.536 | 62  | 215956  | 49.431  | ug/l   | 99  |
| 5) Bromomethane              | 2.977 | 94  | 97385   | 46.314  | ug/l   | 97  |
| 6) Chloroethane              | 3.142 | 64  | 134435  | 49.724  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.518 | 101 | 323024  | 52.607  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 111965  | 48.582  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 166272  | 50.865  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.589 | 142 | 139992  | 43.261  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.506 | 59  | 159327  | 198.997 | ug/l # | 84  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 163270  | 50.271  | ug/l   | 93  |
| 13) Acrolein                 | 4.177 | 56  | 214176  | 279.411 | ug/l   | 98  |
| 14) Allyl chloride           | 5.012 | 41  | 288947  | 48.000  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.706 | 53  | 568868  | 246.260 | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 345446  | 190.472 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.706 | 76  | 525851  | 49.548  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.012 | 43  | 274543  | 50.855  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.783 | 73  | 636852  | 52.337  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.265 | 84  | 193115  | 49.768  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.771 | 96  | 181773  | 50.524  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.659 | 45  | 674973  | 52.520  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.589 | 43  | 3046674 | 294.236 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.547 | 63  | 373923  | 51.377  | ug/l   | 98  |
| 25) 2-Butanone               | 7.465 | 43  | 668243  | 229.194 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 325624  | 51.834  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 212401  | 50.799  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.794 | 49  | 188119  | 51.887  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 530562  | 253.701 | ug/l   | 99  |
| 30) Chloroform               | 7.947 | 83  | 376472  | 52.643  | ug/l   | 94  |
| 31) Cyclohexane              | 8.236 | 56  | 333083  | 50.503  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 8.147 | 97  | 328819  | 52.294  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 261538  | 52.904  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.541 | 43  | 330927  | 50.910  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.341 | 117 | 279470  | 56.788  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.577 | 83  | 285626  | 54.015  | ug/l   | 93  |
| 40) Benzene                  | 8.588 | 78  | 778207  | 53.634  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120325\  
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 Acq On : 03 Dec 2025 10:09  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Dec 04 00:13:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.759  | 41   | 173192   | 53.795  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.647  | 62   | 316259   | 57.130  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 520873   | 52.446  | ug/l   | 99       |
| 44) Trichloroethene           | 9.330  | 130  | 170049   | 49.600  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 202215   | 54.396  | ug/l   | 95       |
| 46) Dibromomethane            | 9.688  | 93   | 144881   | 54.610  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.865  | 83   | 296516   | 54.776  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.659  | 41   | 252113   | 55.636  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.677  | 88   | 49701    | 862.439 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.424 | 43   | 1637165  | 279.666 | ug/l   | 99       |
| 52) Toluene                   | 10.606 | 92   | 476264   | 56.846  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.812 | 75   | 302012   | 54.354  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 322568   | 55.204  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 177106   | 54.637  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 299832   | 58.558  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 317144   | 54.234  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.135 | 63   | 865254   | 293.116 | ug/l   | 99       |
| 59) 2-Hexanone                | 11.177 | 43   | 1019410  | 276.431 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.335 | 129  | 203281   | 55.011  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 176881   | 53.887  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 155084   | 45.729  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.871 | 112  | 490827   | 51.080  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 169798   | 52.393  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.941 | 91   | 896457   | 53.378  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.047 | 106  | 677300   | 108.770 | ug/l   | 98       |
| 69) o-Xylene                  | 12.376 | 106  | 313812   | 52.861  | ug/l   | 100      |
| 70) Styrene                   | 12.388 | 104  | 541836   | 56.212  | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 127101   | 53.544  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.671 | 105  | 842054   | 53.381  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 146495   | 27.270  | ug/l # | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 256612   | 50.320  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.971 | 75   | 369793   | 74.004  | ug/l   | 62       |
| 77) Bromobenzene              | 12.959 | 156  | 184770   | 51.194  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.012 | 91   | 1038692  | 53.824  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 610198   | 51.779  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 710935   | 54.389  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.718 | 75   | 91405    | 51.894  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 645688   | 55.164  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.412 | 119  | 583188   | 52.485  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 704701   | 54.240  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 848228   | 53.137  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 704236   | 53.801  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 356592   | 50.754  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 363362   | 49.372  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.029 | 91   | 669720   | 52.694  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.306 | 117  | 125835   | 52.623  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 337073   | 50.982  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 61396    | 49.621  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 189586   | 48.260  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 71090    | 50.359  | ug/l   | 97       |
| 95) Naphthalene               | 15.612 | 128  | 671069   | 49.297  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.812 | 180  | 187617   | 49.073  | ug/l   | 99       |

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Data File : VN088416.D  
Acq On : 03 Dec 2025 10:09  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

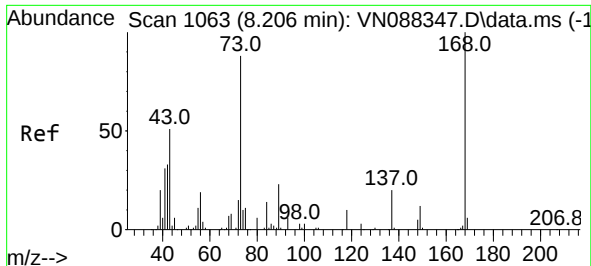
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Dec 04 00:13:28 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 25 01:34:52 2025  
Response via : Initial Calibration

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

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

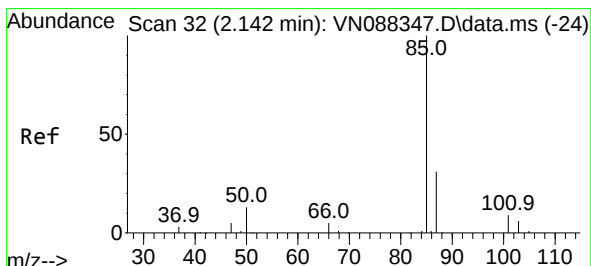
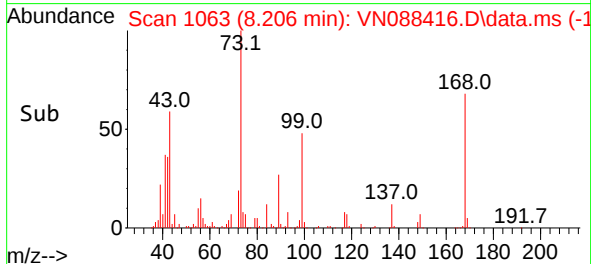
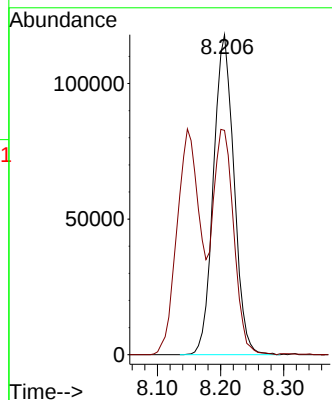
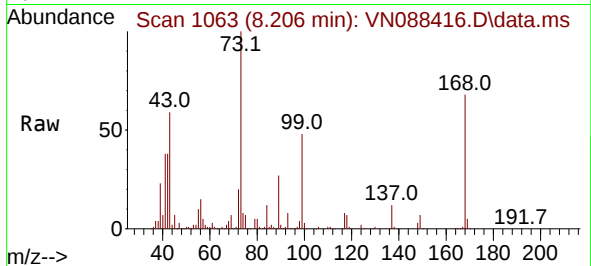




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

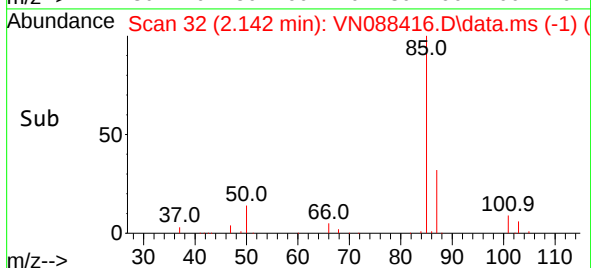
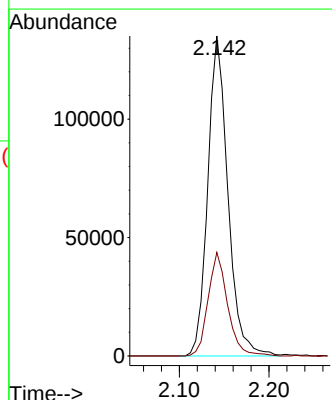
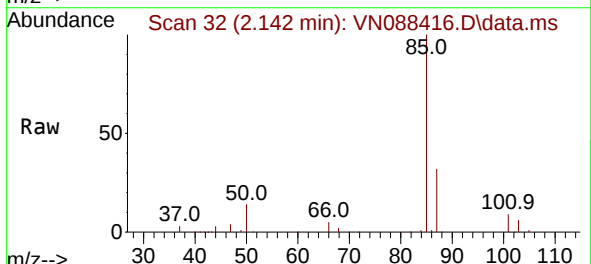
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

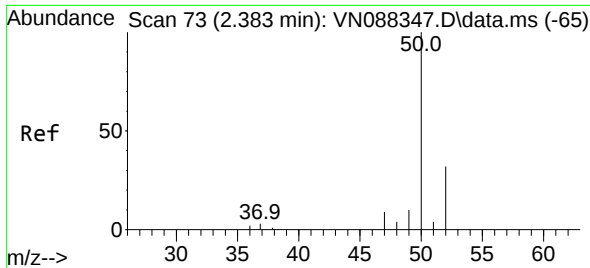
Tgt Ion:168 Resp: 266209  
Ion Ratio Lower Upper  
168 100  
99 69.8 57.1 85.7



#2  
Dichlorodifluoromethane  
Concen: 52.713 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 85 Resp: 210770  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.6 46.7

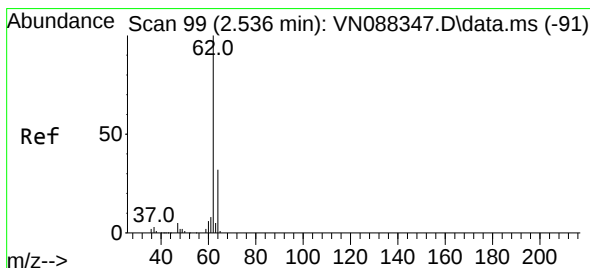
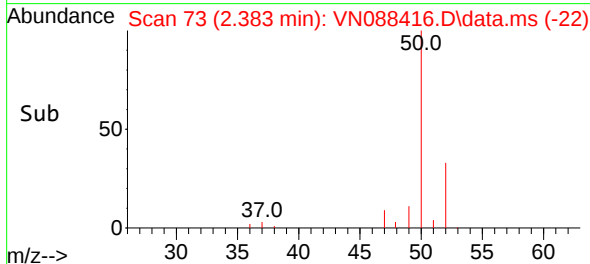
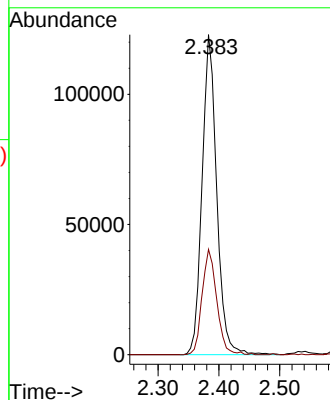
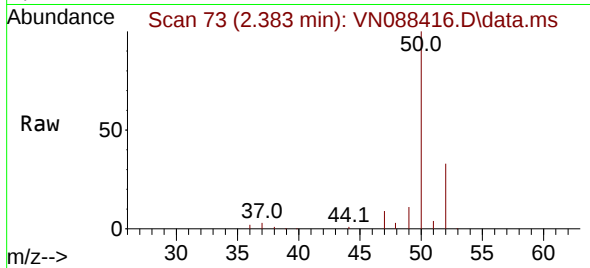




#3  
Chloromethane  
Concen: 47.732 ug/l  
RT: 2.383 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

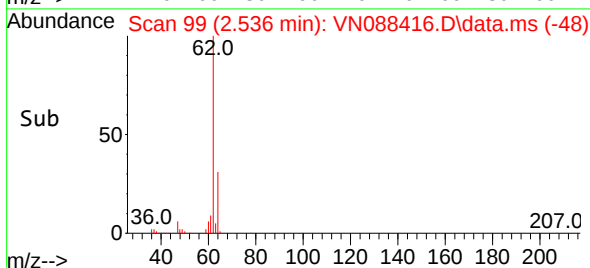
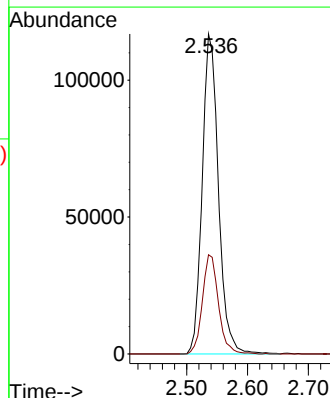
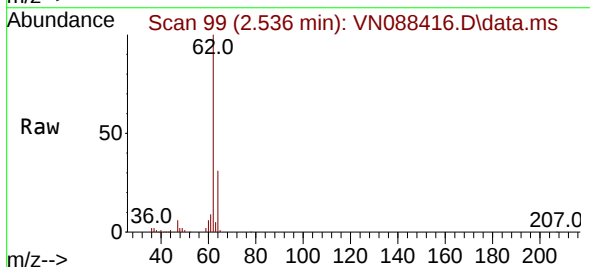
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

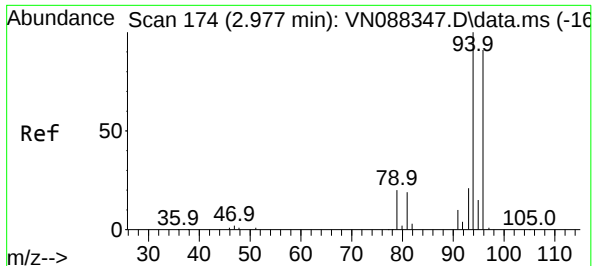
Tgt Ion: 50 Resp: 204982  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.2 37.8



#4  
Vinyl Chloride  
Concen: 49.431 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 62 Resp: 215956  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.4 38.2

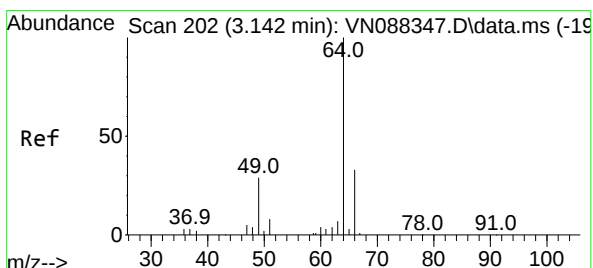
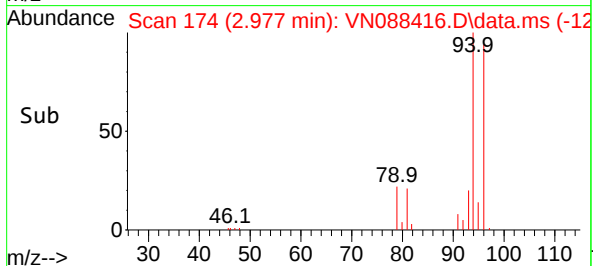
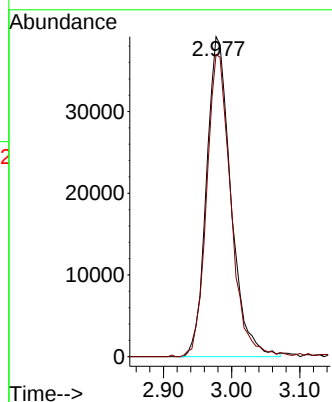
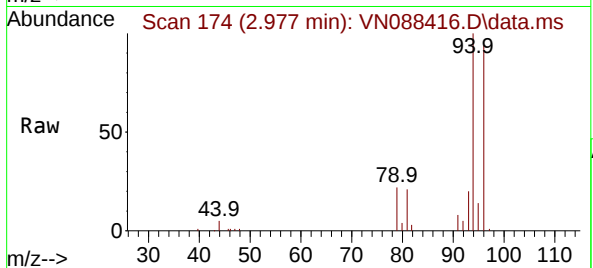




#5  
Bromomethane  
Concen: 46.314 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

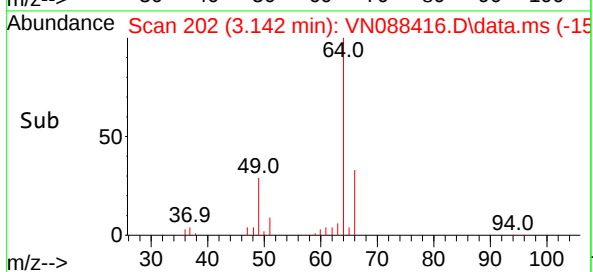
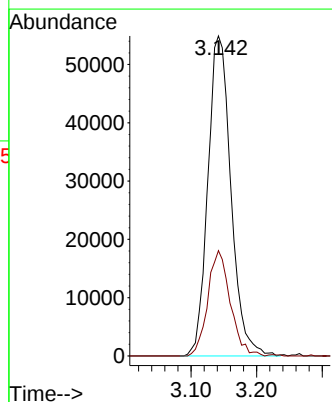
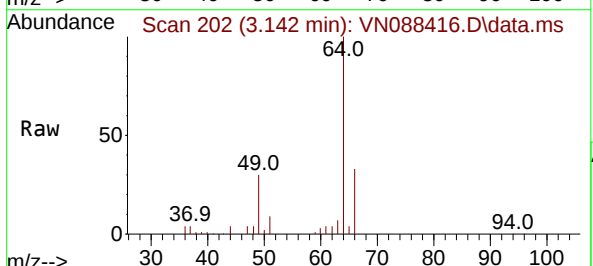
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

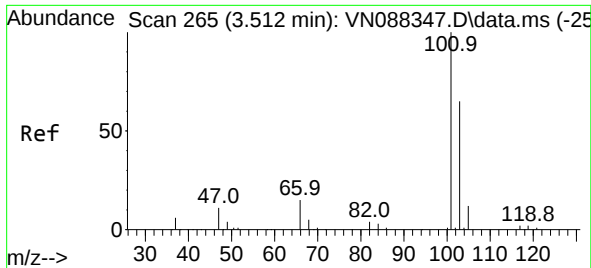
Tgt Ion: 94 Resp: 97385  
Ion Ratio Lower Upper  
94 100  
96 94.4 73.2 109.8



#6  
Chloroethane  
Concen: 49.724 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 64 Resp: 134435  
Ion Ratio Lower Upper  
64 100  
66 32.9 26.4 39.6

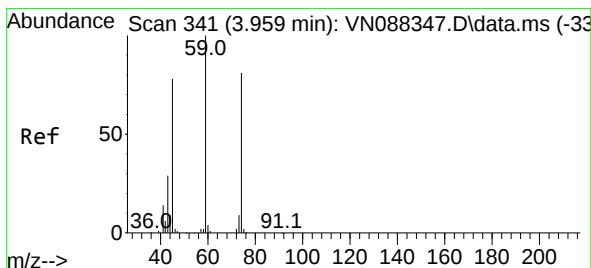
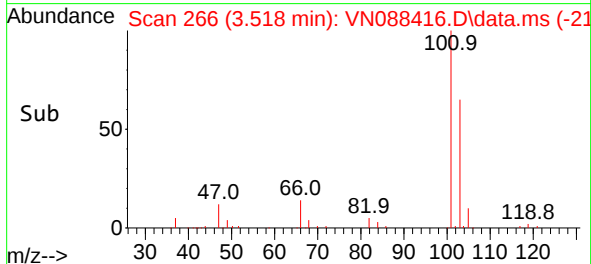
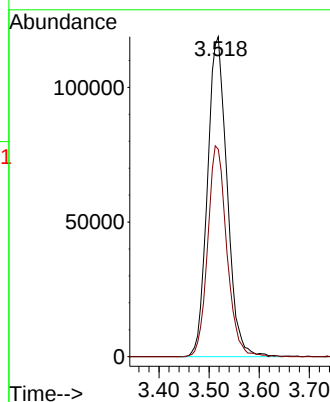
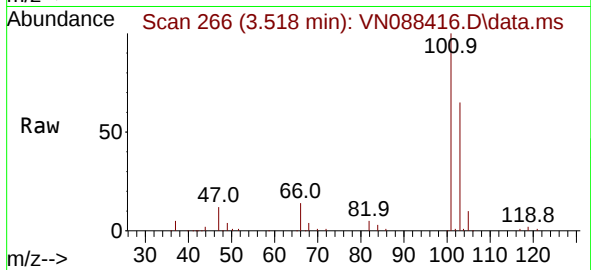




#7  
 Trichlorofluoromethane  
 Concen: 52.607 ug/l  
 RT: 3.518 min Scan# 265  
 Delta R.T. 0.006 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

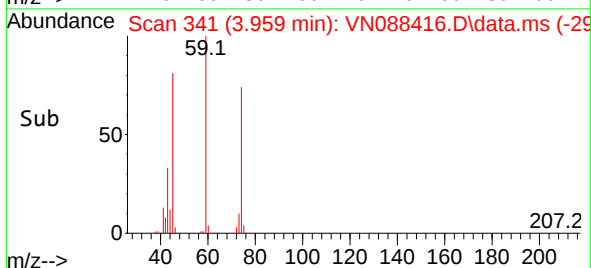
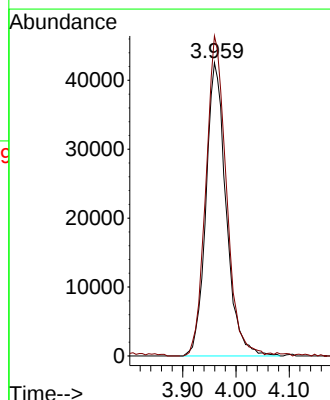
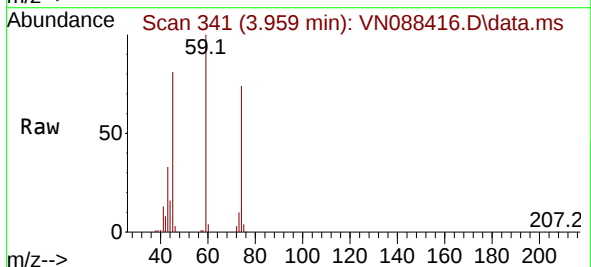
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

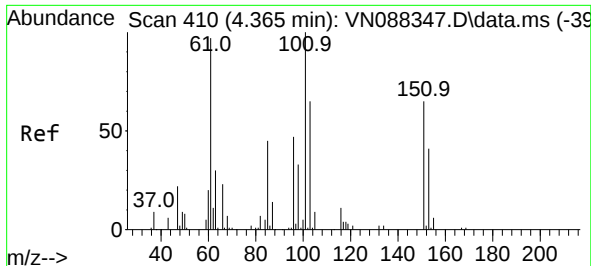
Tgt Ion:101 Resp: 323024  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 52.3 78.5



#8  
 Diethyl Ether  
 Concen: 48.582 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion: 74 Resp: 111965  
 Ion Ratio Lower Upper  
 74 100  
 45 111.2 54.2 162.6

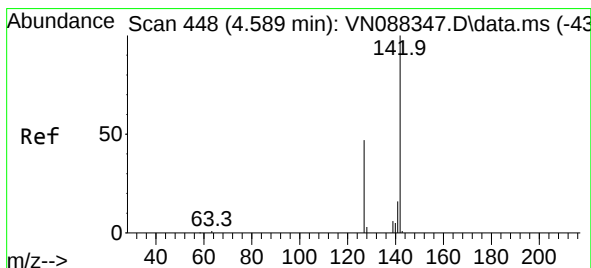
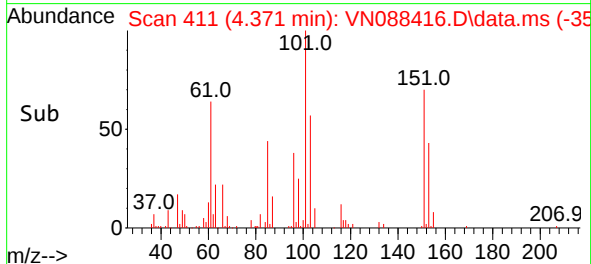
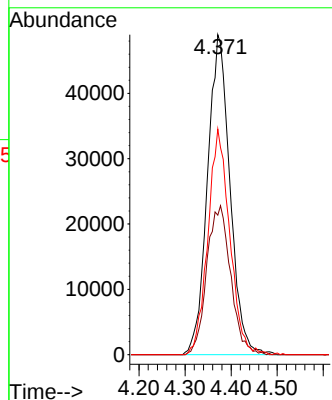
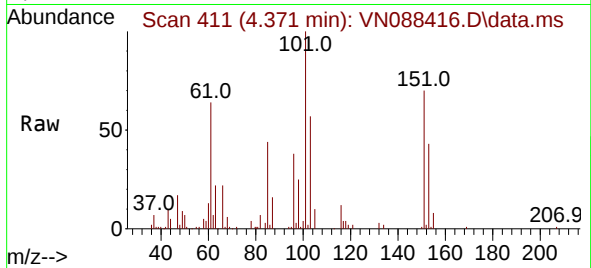




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.865 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

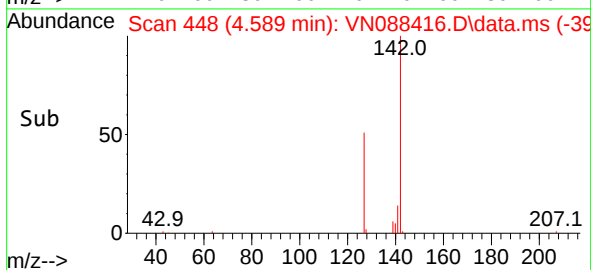
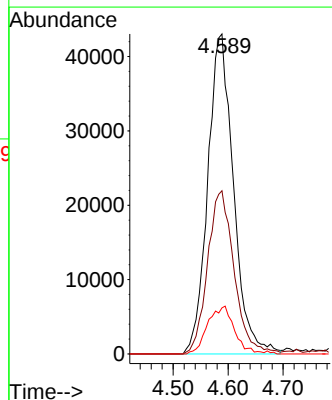
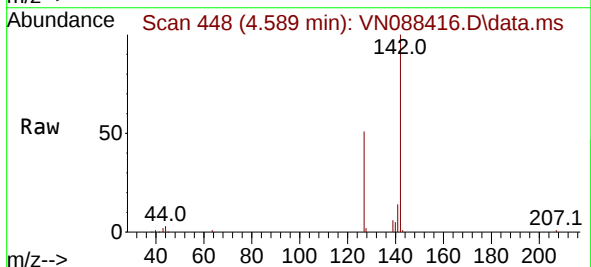
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

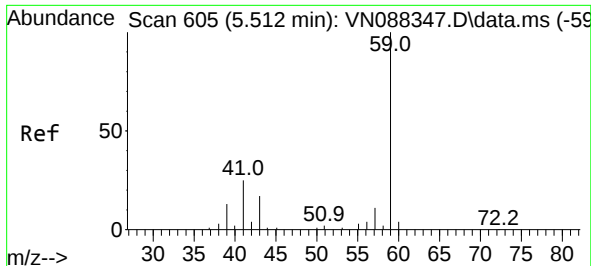
Tgt Ion:101 Resp: 166272  
Ion Ratio Lower Upper  
101 100  
85 49.4 39.2 58.8  
151 68.5 53.6 80.4



#10  
Methyl Iodide  
Concen: 43.261 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:142 Resp: 139992  
Ion Ratio Lower Upper  
142 100  
127 51.0 37.9 56.9  
141 14.4 12.4 18.6

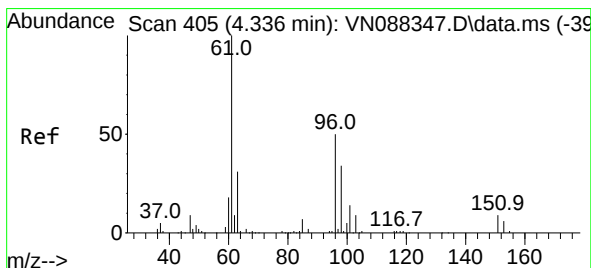
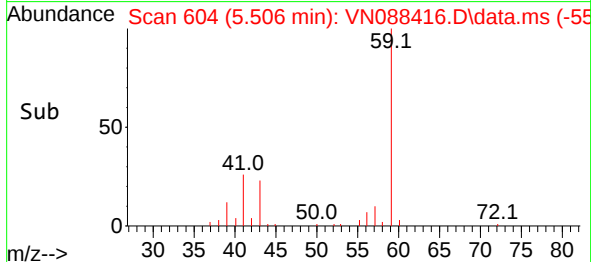
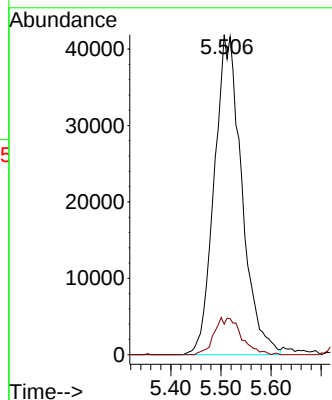
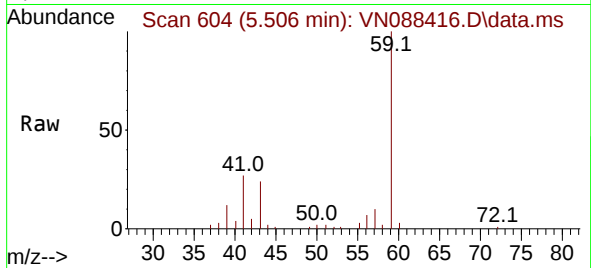




#11  
Tert butyl alcohol  
Concen: 198.997 ug/l  
RT: 5.506 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

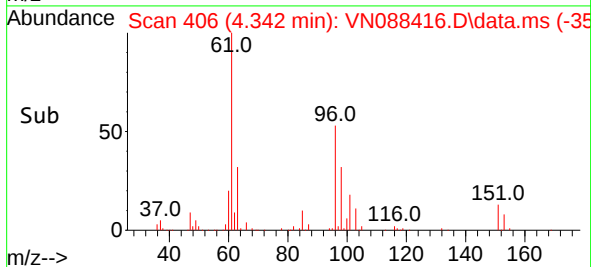
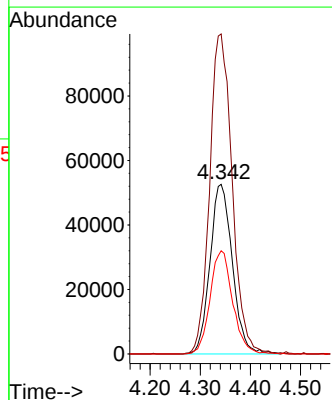
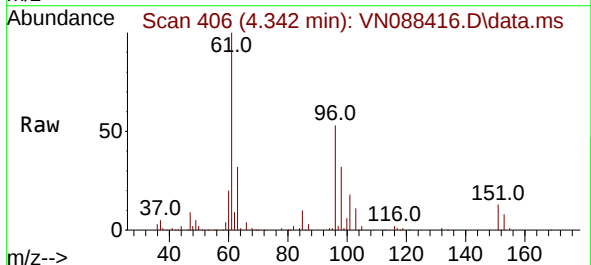
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

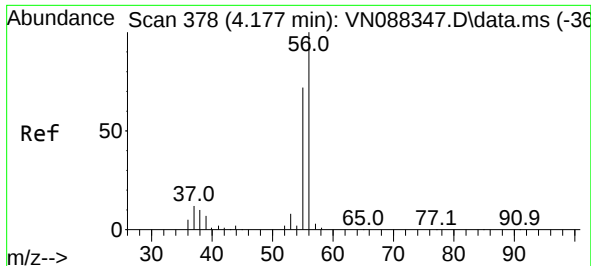
Tgt Ion: 59 Resp: 159327  
Ion Ratio Lower Upper  
59 100  
57 4.7 8.5 12.7#



#12  
1,1-Dichloroethene  
Concen: 50.271 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 96 Resp: 163270  
Ion Ratio Lower Upper  
96 100  
61 188.6 159.1 238.7  
98 60.9 53.7 80.5

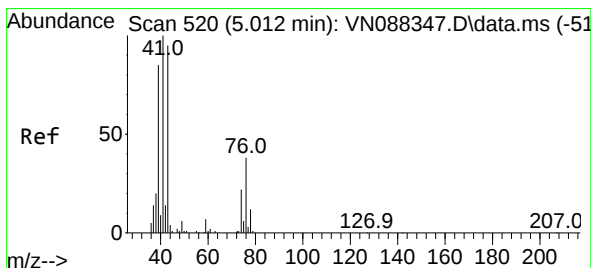
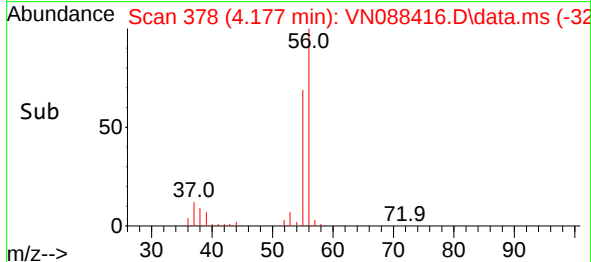
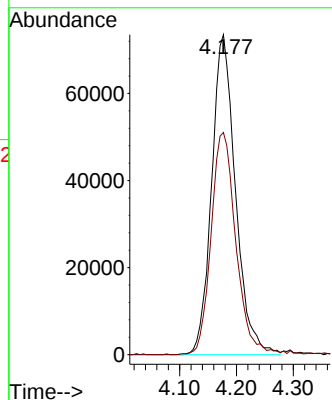
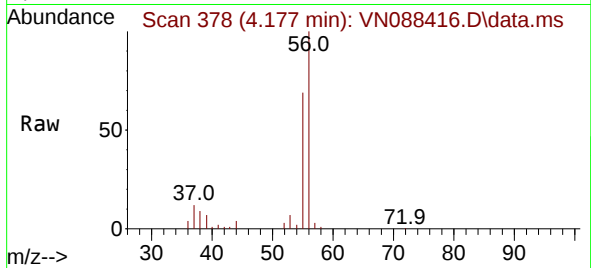




#13  
Acrolein  
Concen: 279.411 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

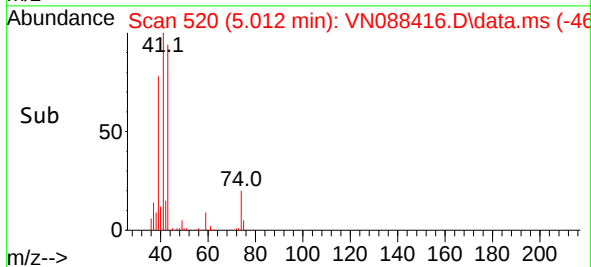
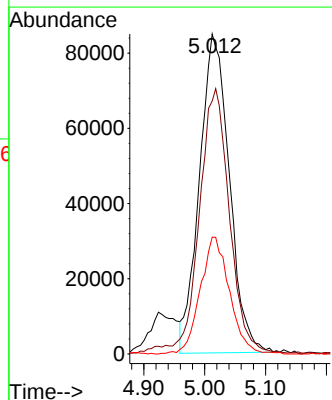
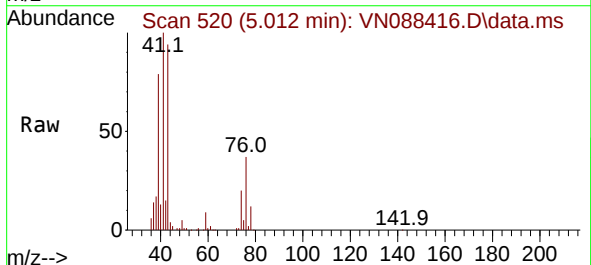
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

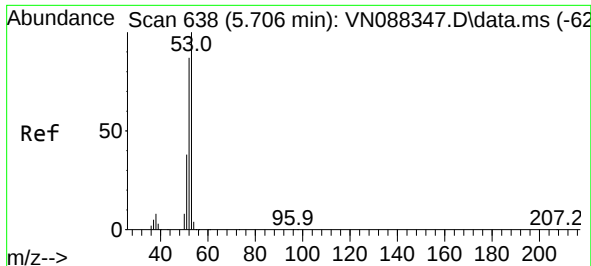
Tgt Ion: 56 Resp: 214176  
Ion Ratio Lower Upper  
56 100  
55 72.0 56.3 84.5



#14  
Allyl chloride  
Concen: 48.000 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 41 Resp: 288947  
Ion Ratio Lower Upper  
41 100  
39 85.0 64.7 97.1  
76 36.0 29.1 43.7

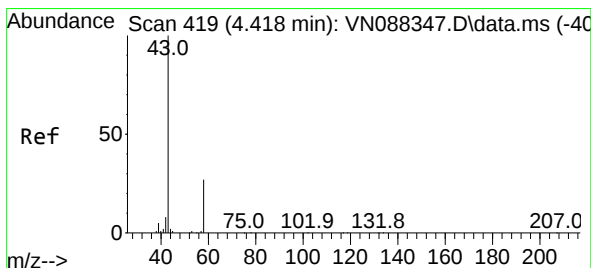
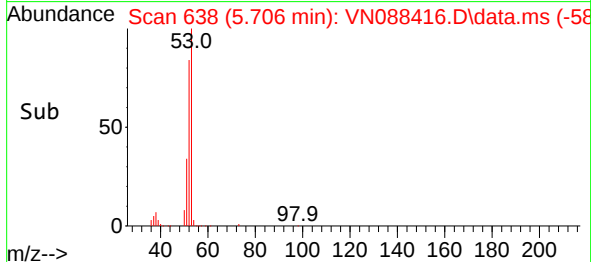
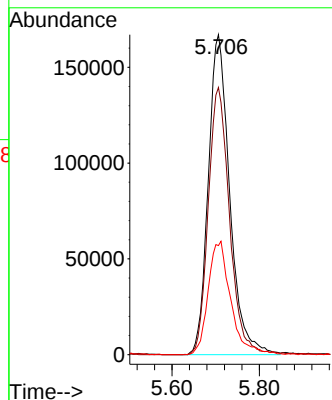
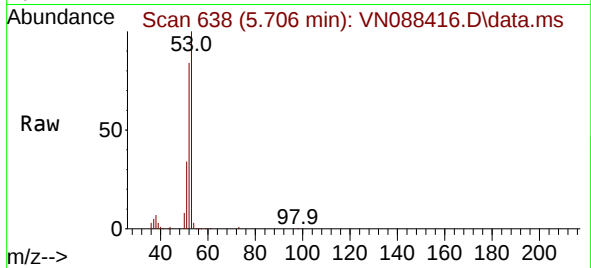




#15  
Acrylonitrile  
Concen: 246.260 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

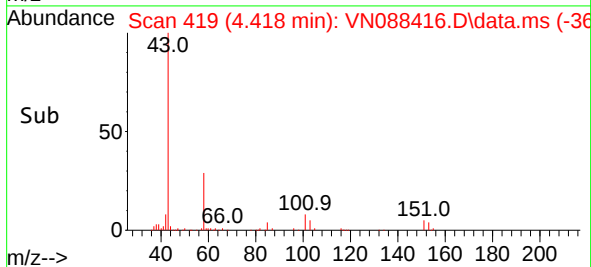
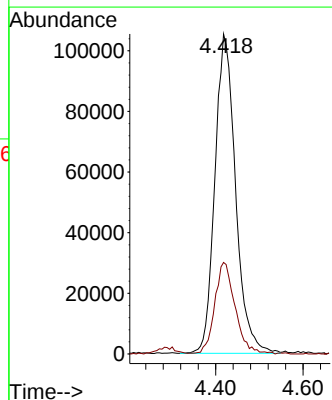
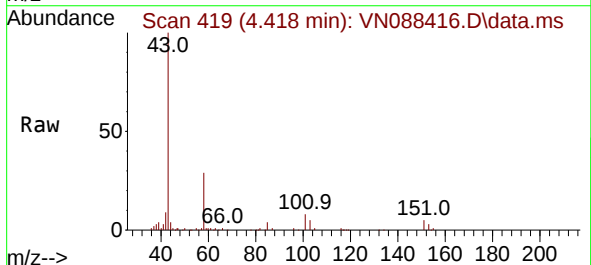
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

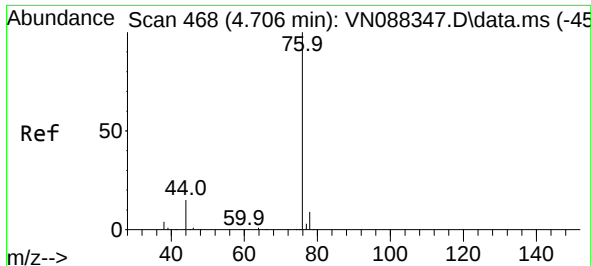
Tgt Ion: 53 Resp: 568868  
Ion Ratio Lower Upper  
53 100  
52 83.1 67.8 101.6  
51 37.4 29.8 44.8



#16  
Acetone  
Concen: 190.472 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 43 Resp: 345446  
Ion Ratio Lower Upper  
43 100  
58 28.3 21.7 32.5

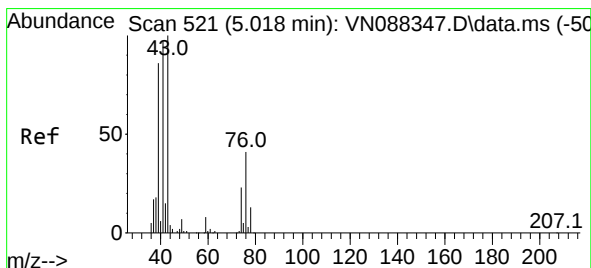
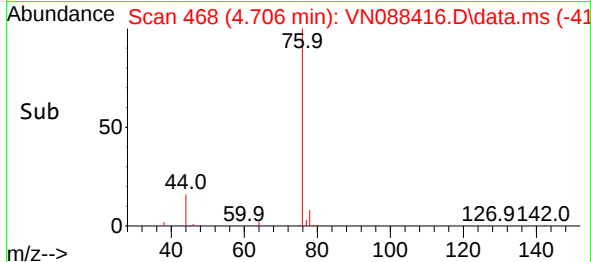
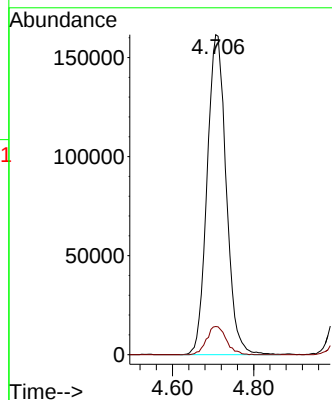
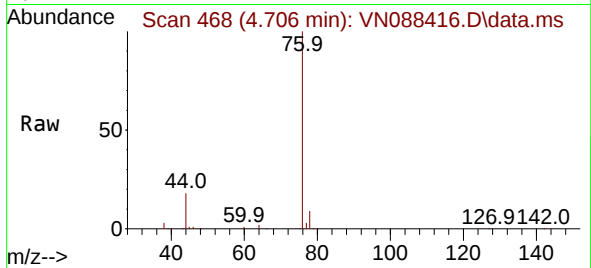




#17  
Carbon Disulfide  
Concen: 49.548 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

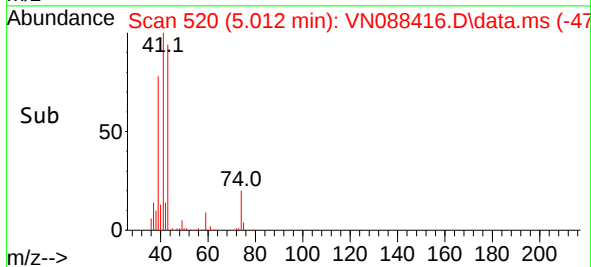
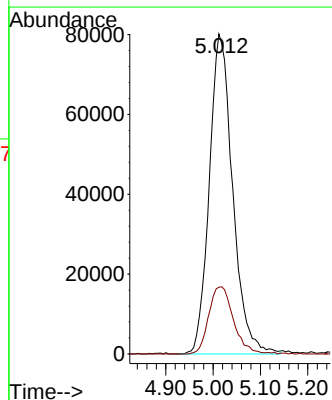
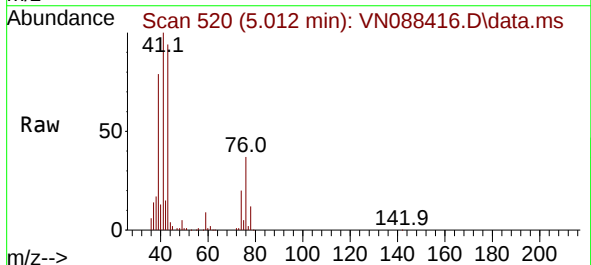
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

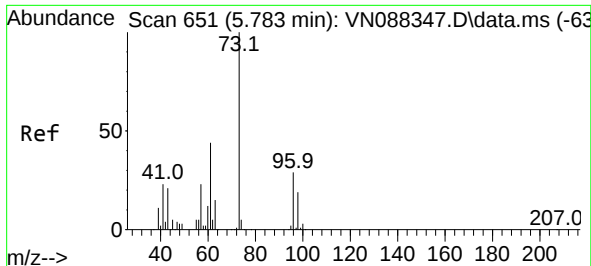
Tgt Ion: 76 Resp: 525851  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.4



#18  
Methyl Acetate  
Concen: 50.855 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 43 Resp: 274543  
Ion Ratio Lower Upper  
43 100  
74 22.1 17.9 26.9

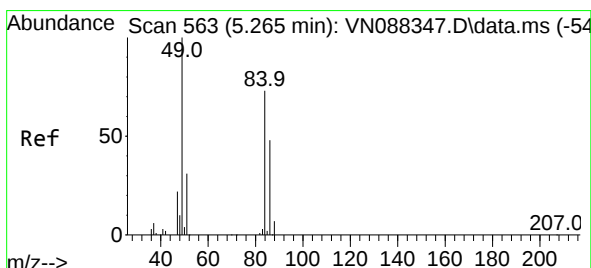
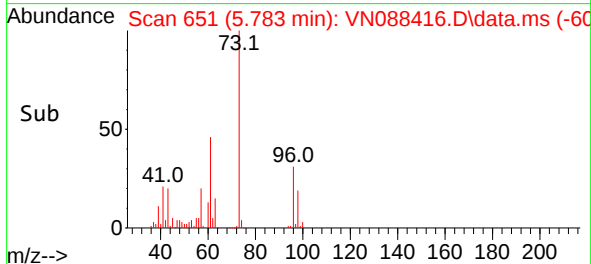
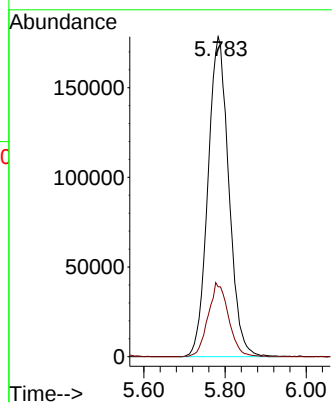
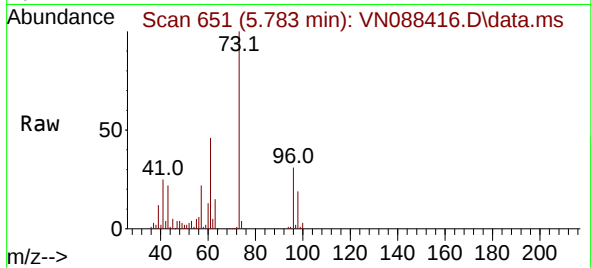




#19  
Methyl tert-butyl Ether  
Concen: 52.337 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

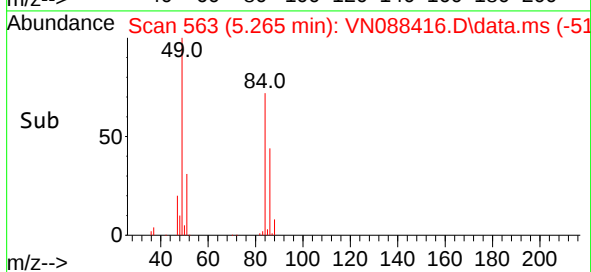
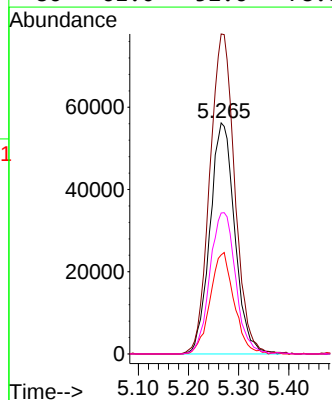
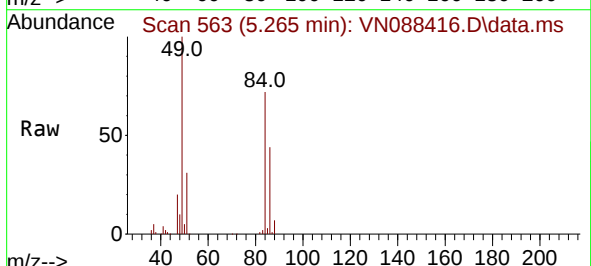
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

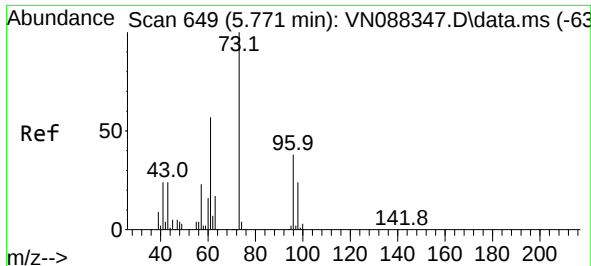
Tgt Ion: 73 Resp: 636852  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.6 28.0



#20  
Methylene Chloride  
Concen: 49.768 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 84 Resp: 193115  
Ion Ratio Lower Upper  
84 100  
49 138.5 110.2 165.2  
51 42.9 34.1 51.1  
86 61.0 52.6 78.8

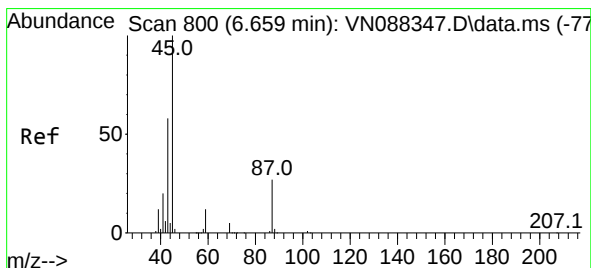
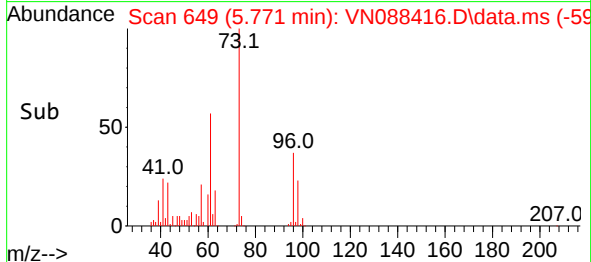
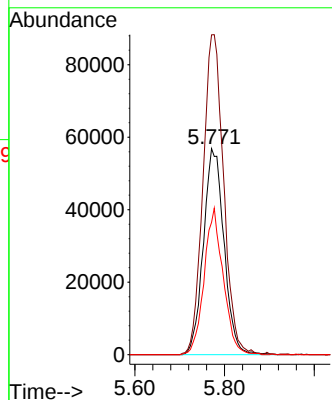
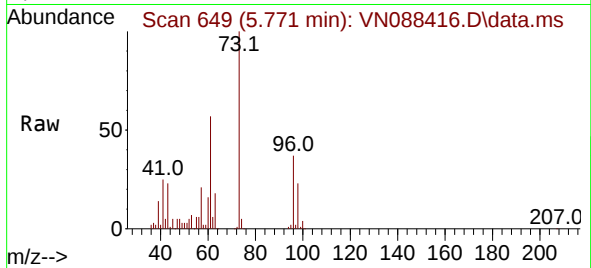




#21  
trans-1,2-Dichloroethene  
Concen: 50.524 ug/l  
RT: 5.771 min Scan# 649  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

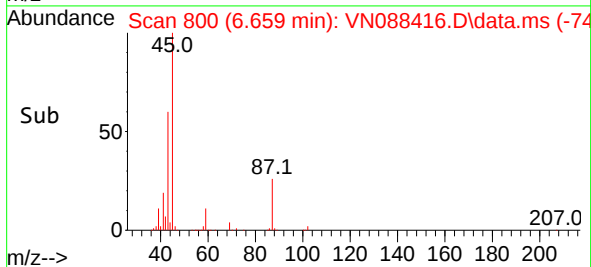
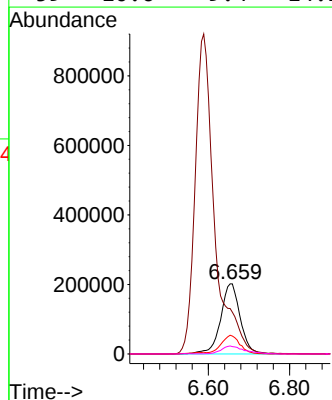
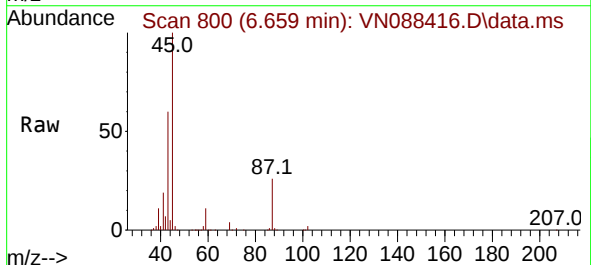
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ClientSampleId :  
VSTDCCC050

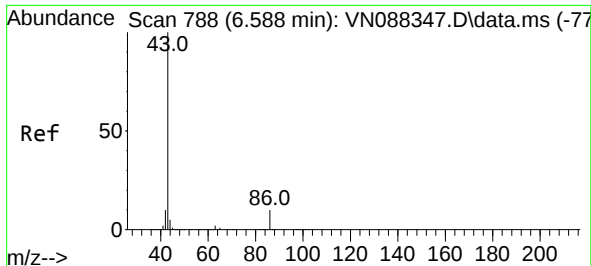
Tgt Ion: 96 Resp: 181773  
Ion Ratio Lower Upper  
96 100  
61 155.2 122.4 183.6  
98 64.2 50.9 76.3



#22  
Diisopropyl ether  
Concen: 52.520 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 45 Resp: 674973  
Ion Ratio Lower Upper  
45 100  
43 58.7 47.4 71.2  
87 25.5 21.9 32.9  
59 10.6 9.4 14.2

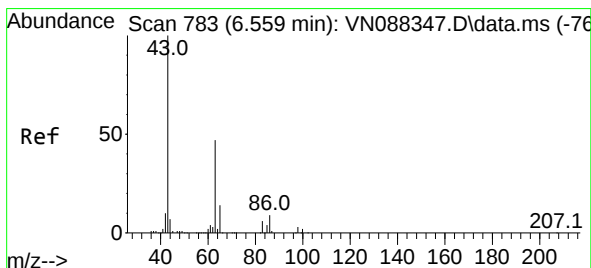
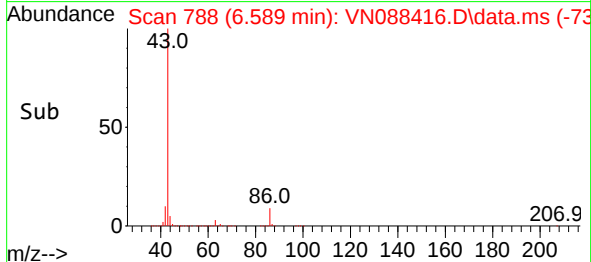
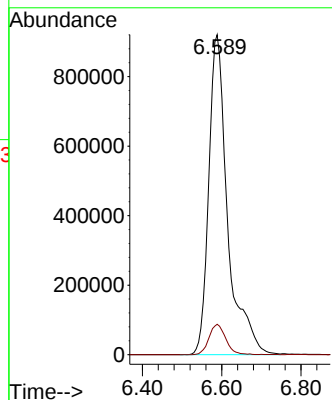
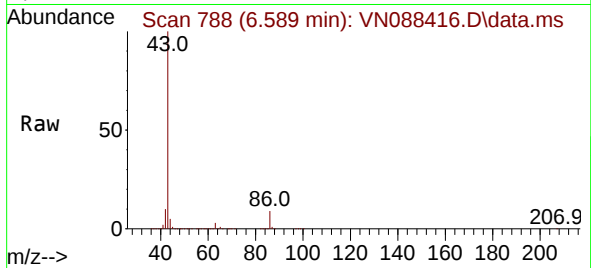




#23  
 Vinyl Acetate  
 Concen: 294.236 ug/l  
 RT: 6.589 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

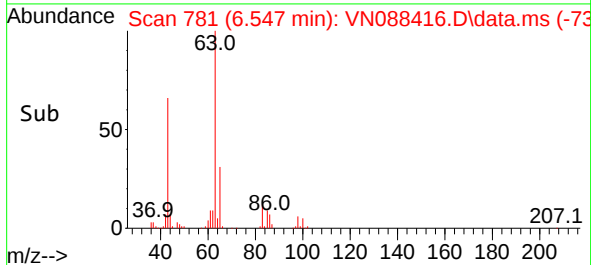
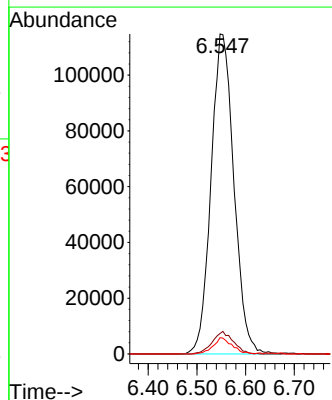
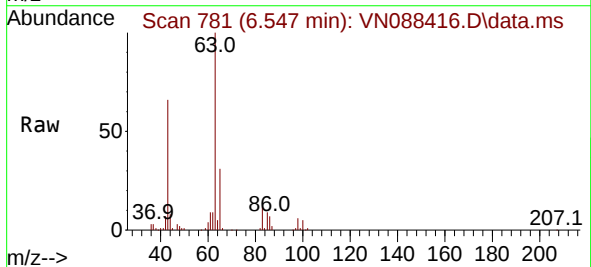
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

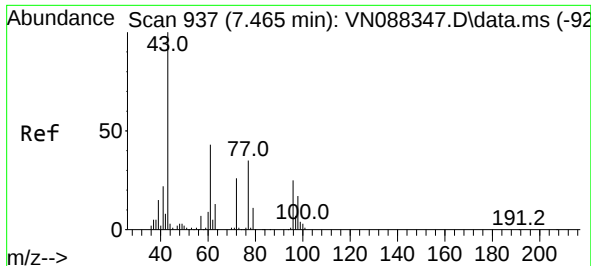
Tgt Ion: 43 Resp: 3046674  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 51.377 ug/l  
 RT: 6.547 min Scan# 781  
 Delta R.T. -0.012 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion: 63 Resp: 373923  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.4 10.2  
 100 5.1 1.9 5.7

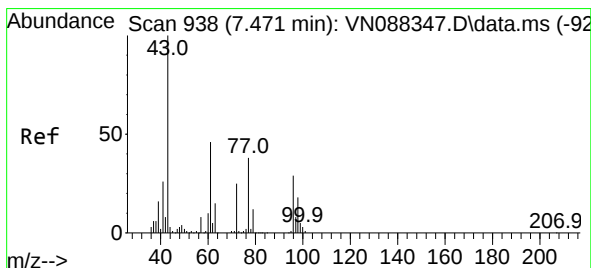
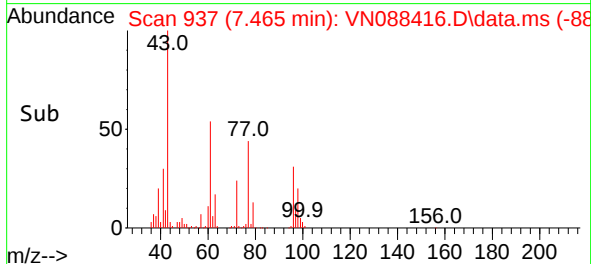
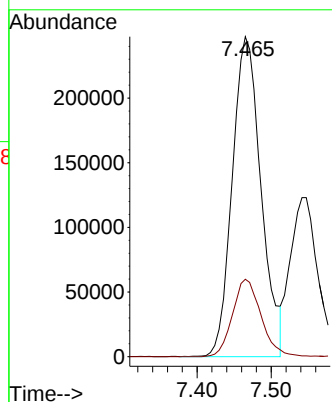
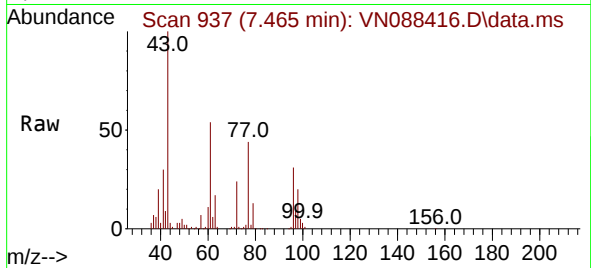




#25  
2-Butanone  
Concen: 229.194 ug/l  
RT: 7.465 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

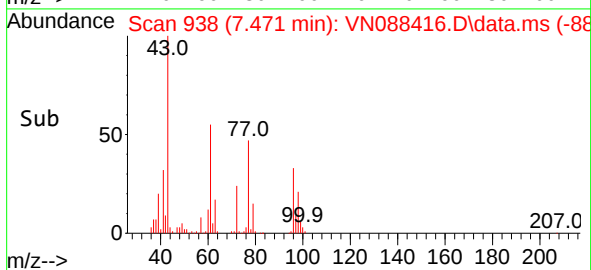
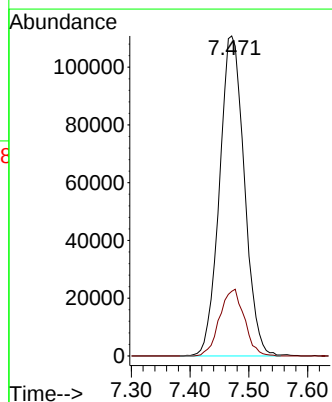
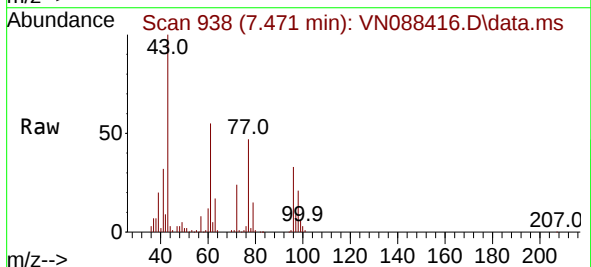
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

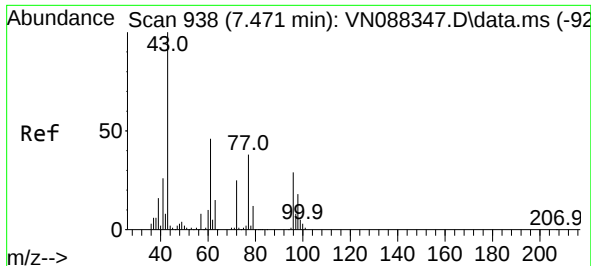
Tgt Ion: 43 Resp: 668243  
Ion Ratio Lower Upper  
43 100  
72 24.2 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 51.834 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 77 Resp: 325624  
Ion Ratio Lower Upper  
77 100  
97 20.7 10.3 30.9

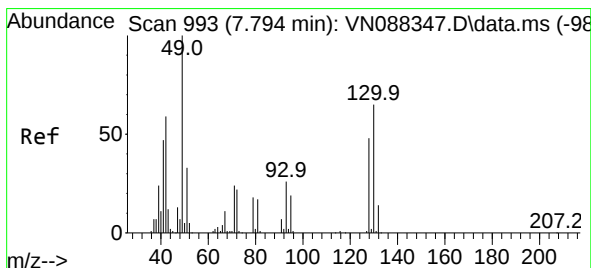
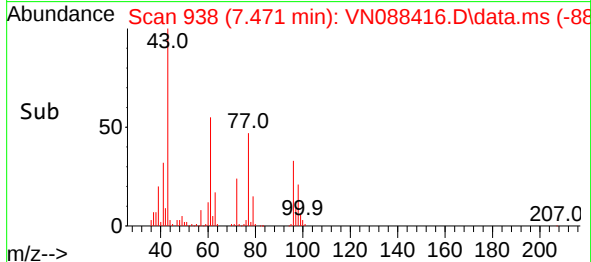
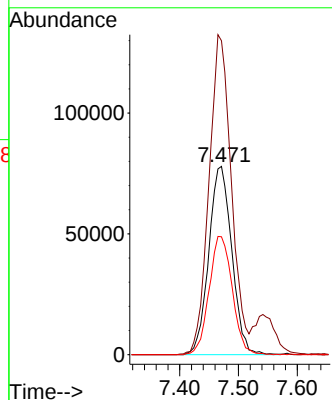
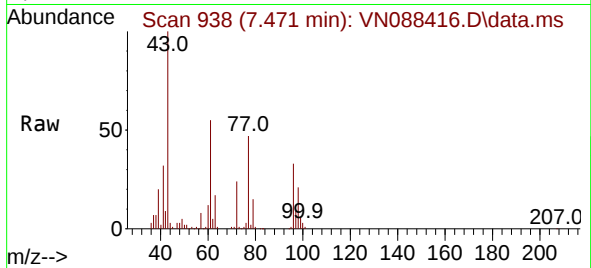




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.799 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

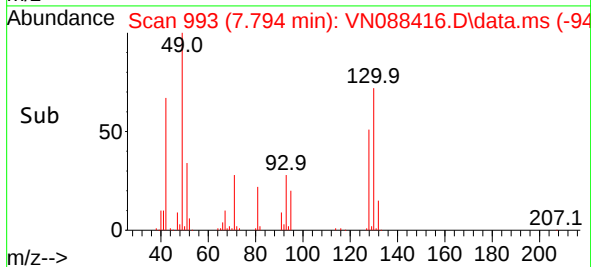
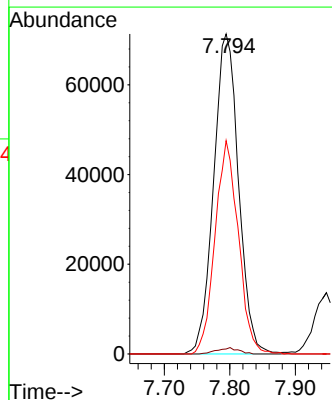
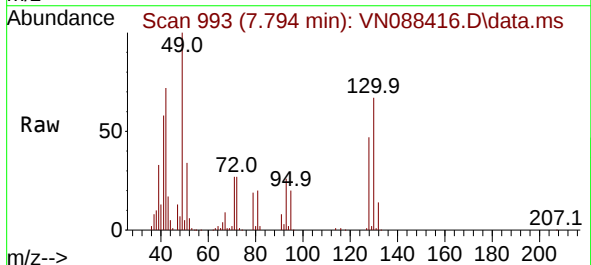
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

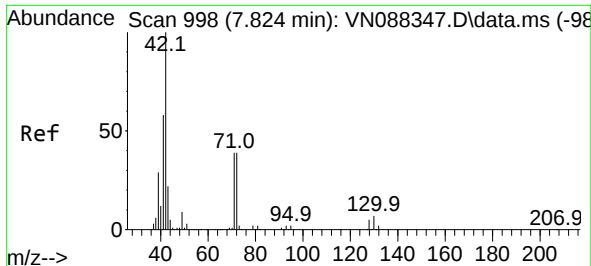
Tgt Ion: 96 Resp: 212401  
 Ion Ratio Lower Upper  
 96 100  
 61 164.6 0.0 323.6  
 98 63.0 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 51.887 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion: 49 Resp: 188119  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.6  
 130 62.4 51.1 76.7





#29

Tetrahydrofuran

Concen: 253.701 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

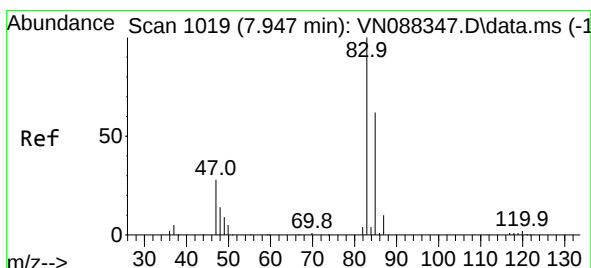
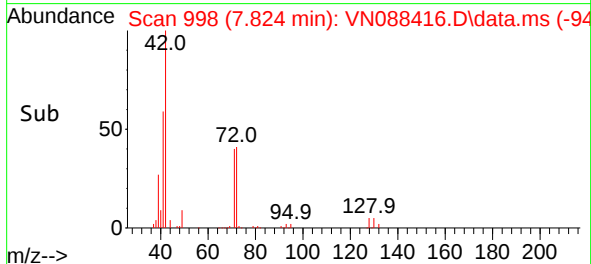
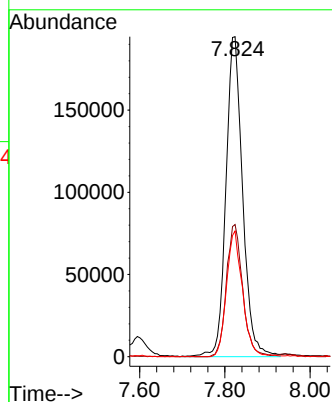
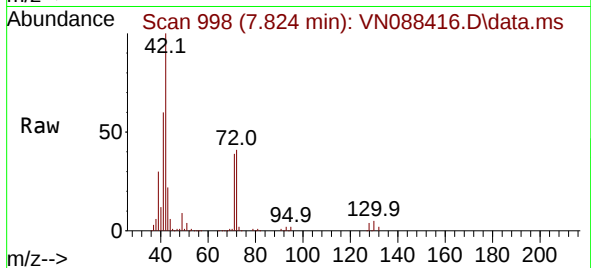
Tgt Ion: 42 Resp: 530562

Ion Ratio Lower Upper

42 100

72 40.1 32.2 48.4

71 37.6 31.1 46.7



#30

Chloroform

Concen: 52.643 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088416.D

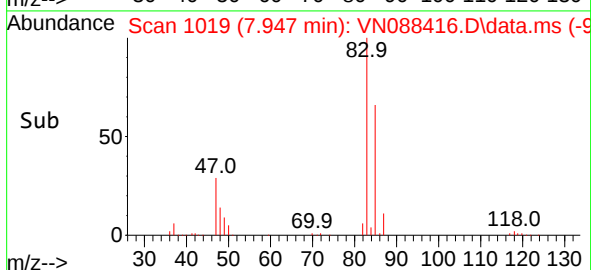
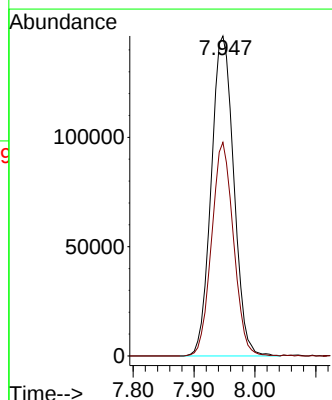
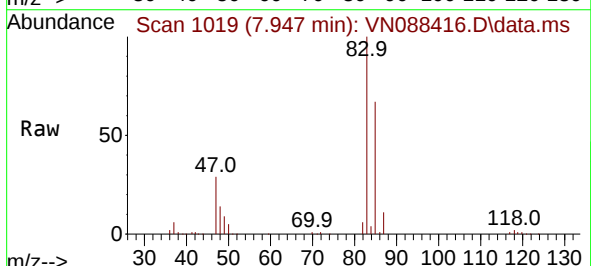
Acq: 03 Dec 2025 10:09

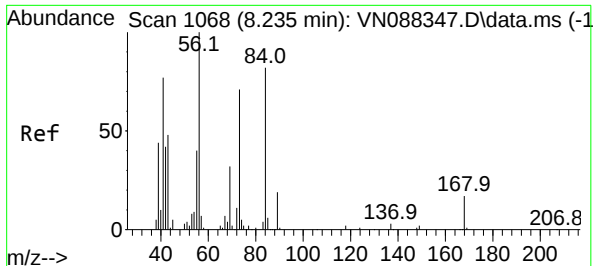
Tgt Ion: 83 Resp: 376472

Ion Ratio Lower Upper

83 100

85 66.7 49.8 74.8

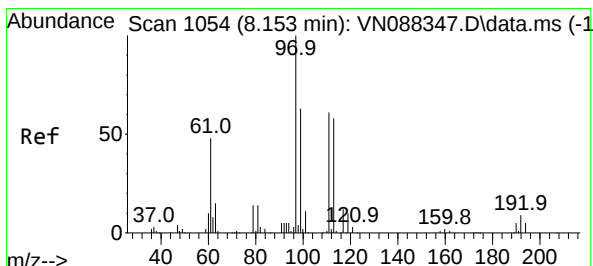
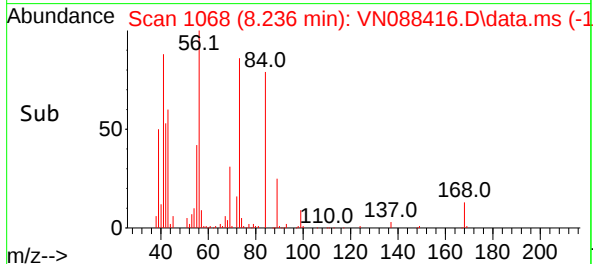
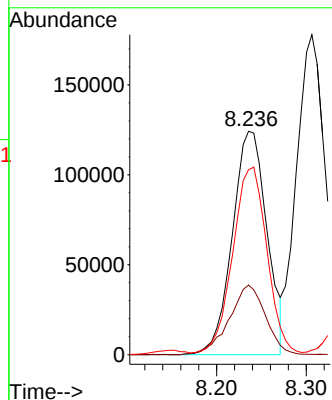
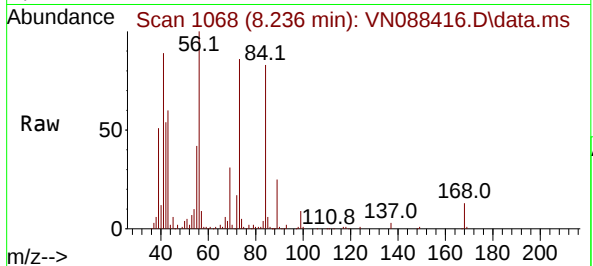




#31  
Cyclohexane  
Concen: 50.503 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

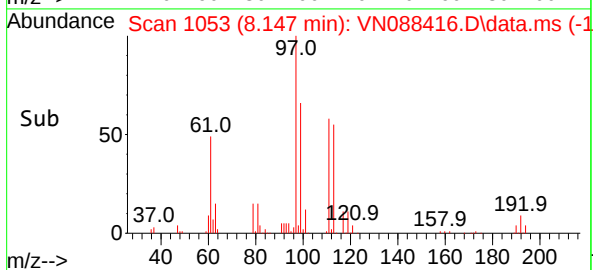
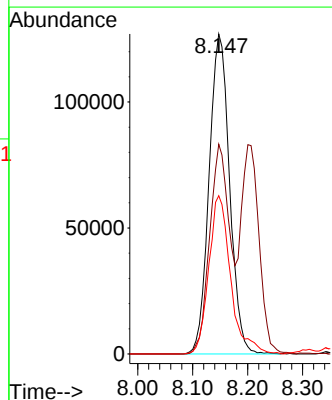
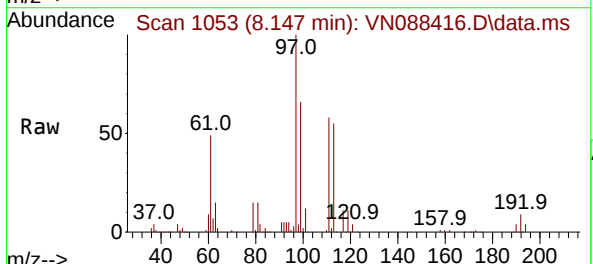
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

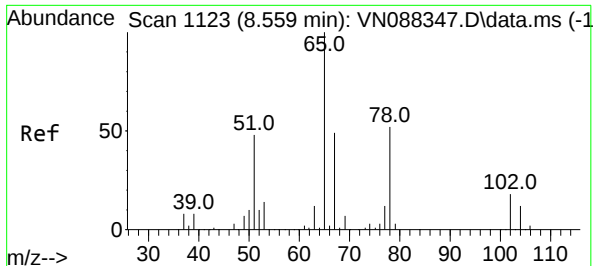
Tgt Ion: 56 Resp: 333083  
Ion Ratio Lower Upper  
56 100  
69 31.2 25.3 37.9  
84 81.4 65.4 98.2



#32  
1,1,1-Trichloroethane  
Concen: 52.294 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 97 Resp: 328819  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 52.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.167 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

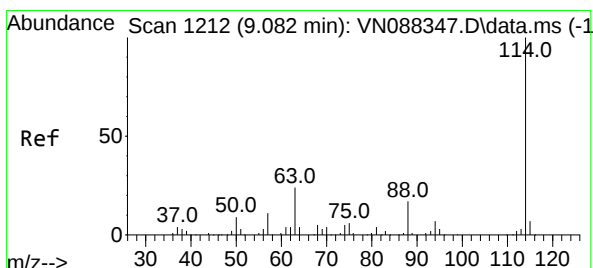
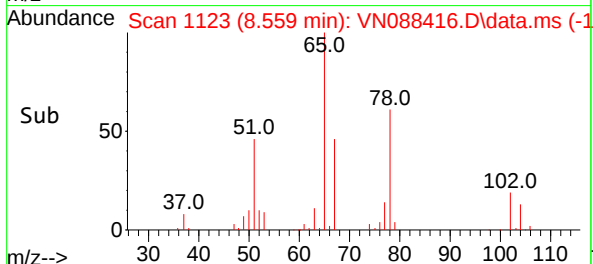
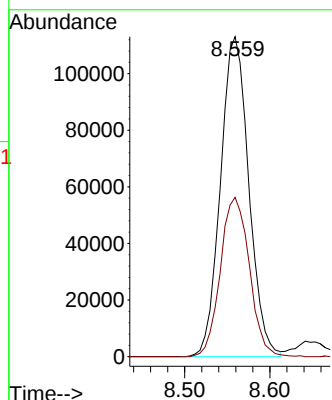
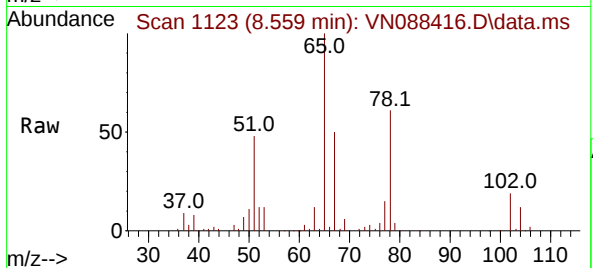
VSTDCCC050

Tgt Ion: 65 Resp: 261610

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

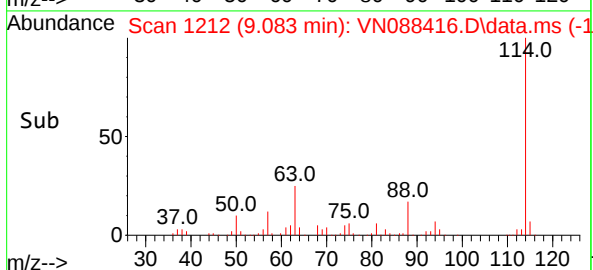
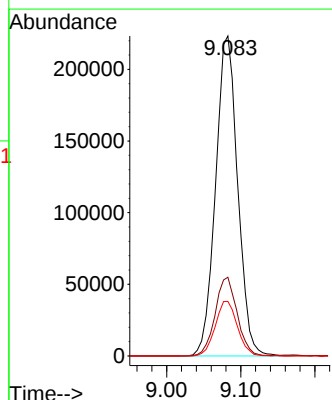
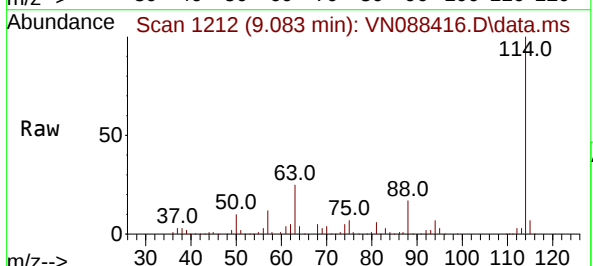
Tgt Ion: 114 Resp: 462230

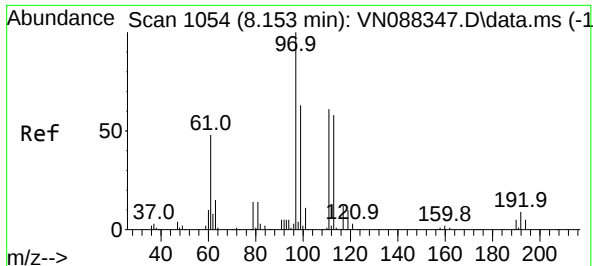
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.0

88 17.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 54.580 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

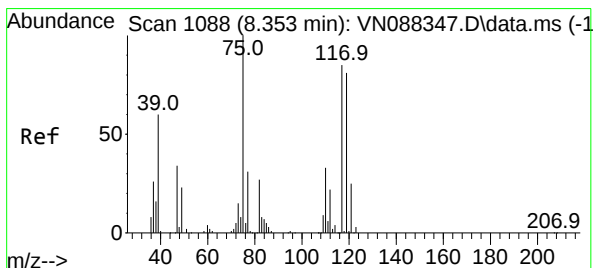
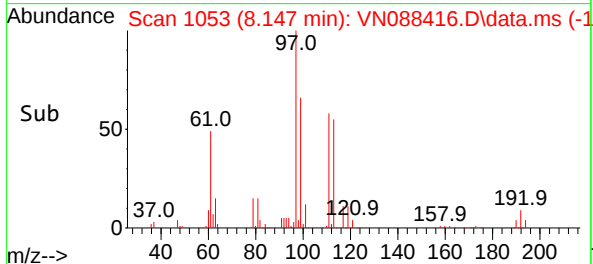
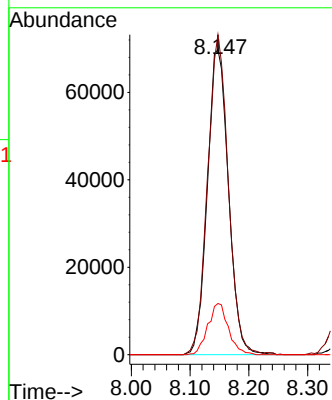
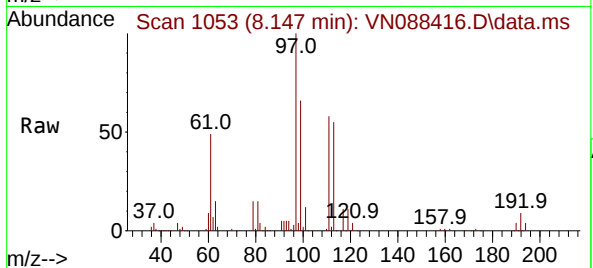
Tgt Ion:113 Resp: 174831

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

192 16.2 12.8 19.2



#36

1,1-Dichloropropene

Concen: 52.904 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

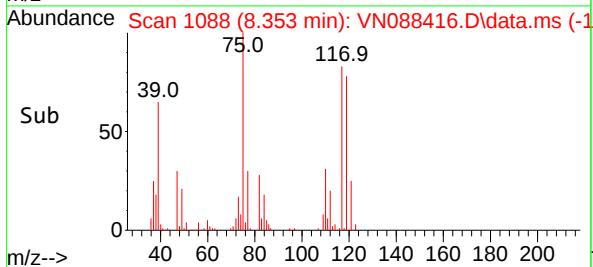
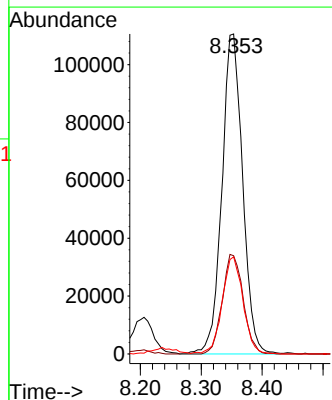
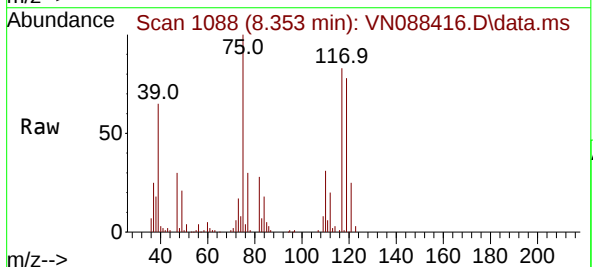
Tgt Ion: 75 Resp: 261538

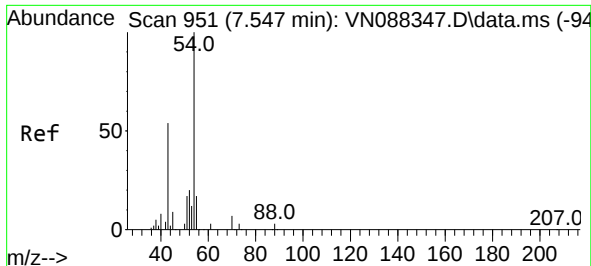
Ion Ratio Lower Upper

75 100

110 31.3 15.8 47.4

77 30.5 24.2 36.2





#37

Ethyl Acetate

Concen: 50.910 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

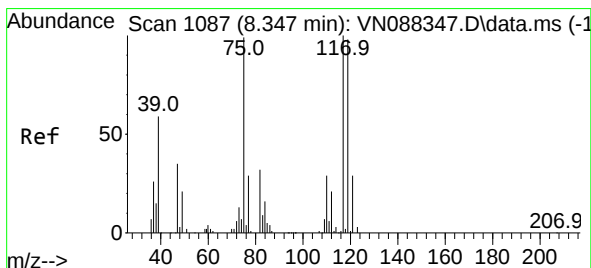
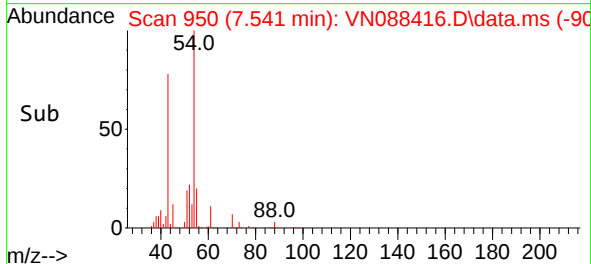
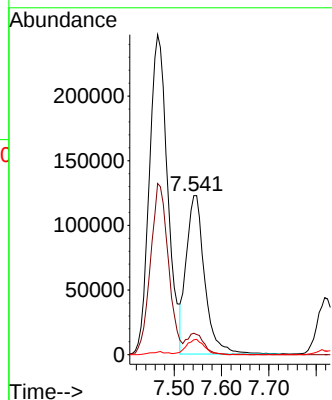
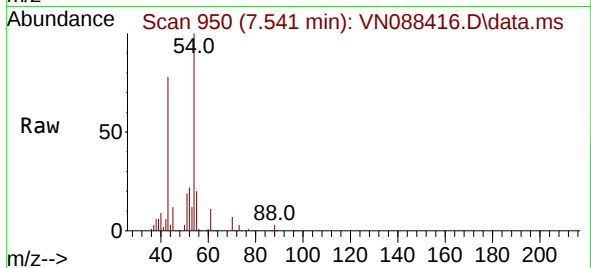
Tgt Ion: 43 Resp: 330927

Ion Ratio Lower Upper

43 100

61 12.6 9.5 14.3

70 9.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 56.788 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

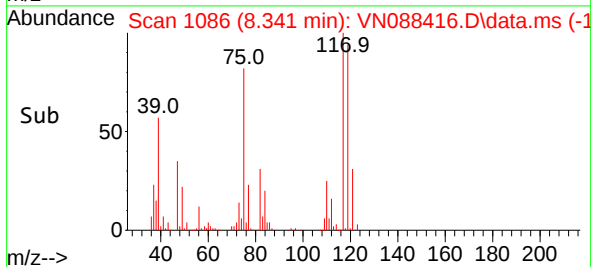
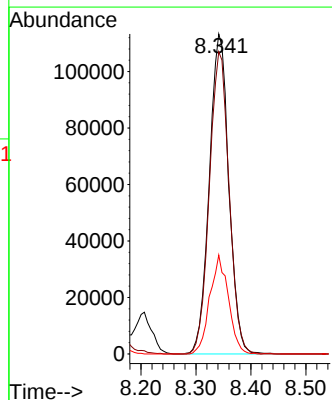
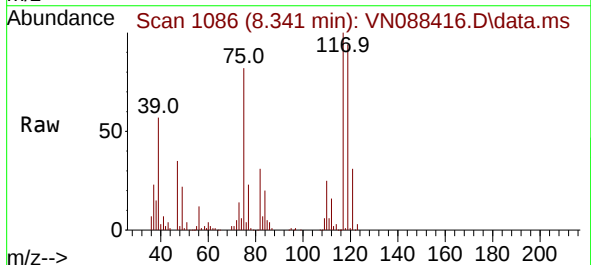
Tgt Ion: 117 Resp: 279470

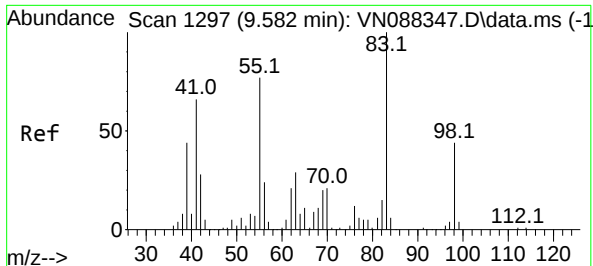
Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.4

121 30.9 23.4 35.2





#39

Methylcyclohexane

Concen: 54.015 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

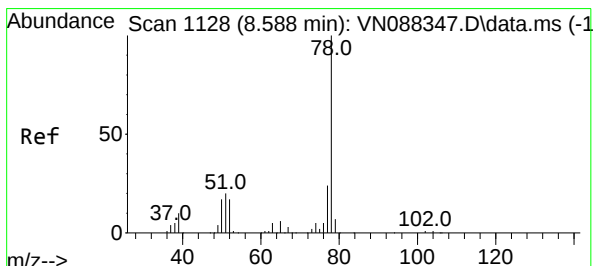
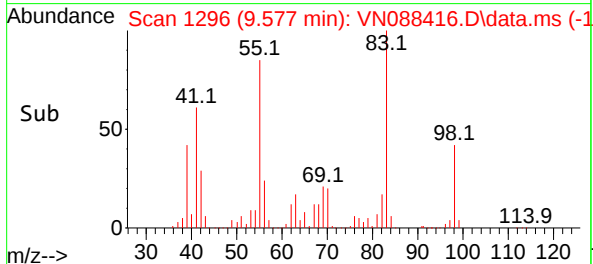
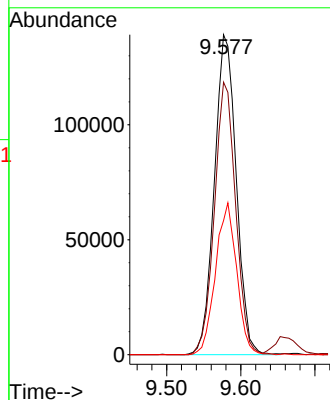
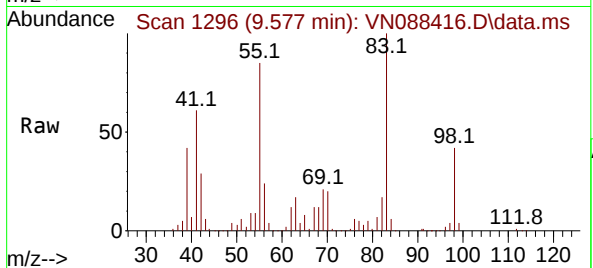
Tgt Ion: 83 Resp: 285626

Ion Ratio Lower Upper

83 100

55 85.2 61.6 92.4

98 41.9 35.3 52.9



#40

Benzene

Concen: 53.634 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088416.D

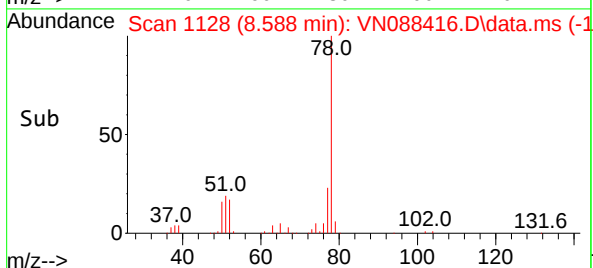
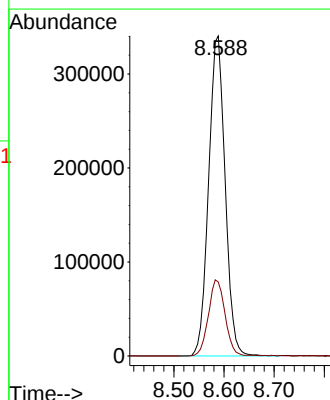
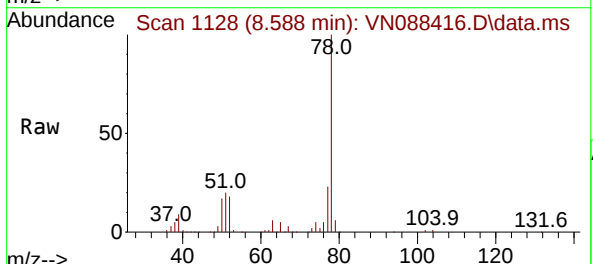
Acq: 03 Dec 2025 10:09

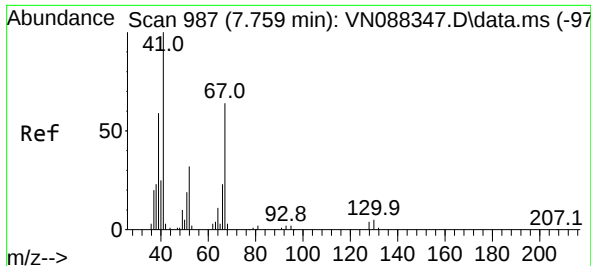
Tgt Ion: 78 Resp: 778207

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4



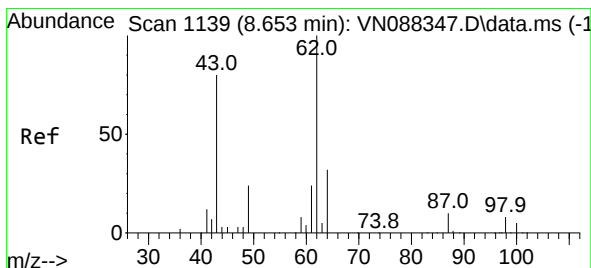
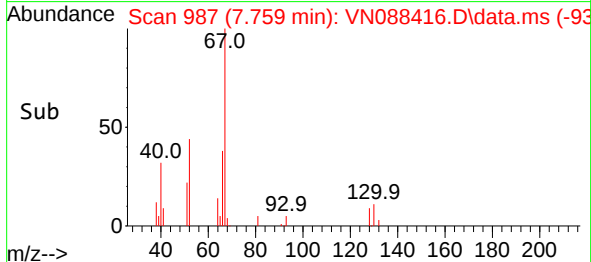
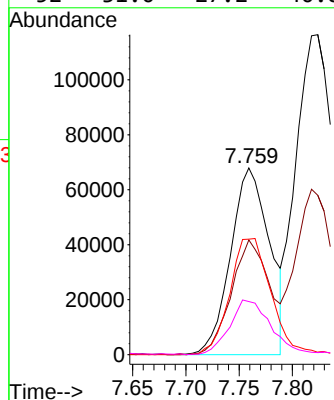
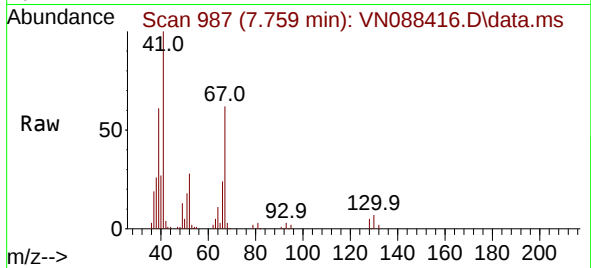


#41  
Methacrylonitrile  
Concen: 53.795 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 173192

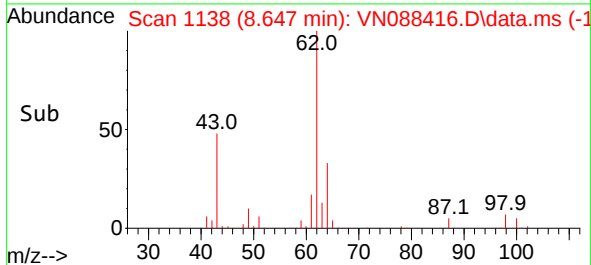
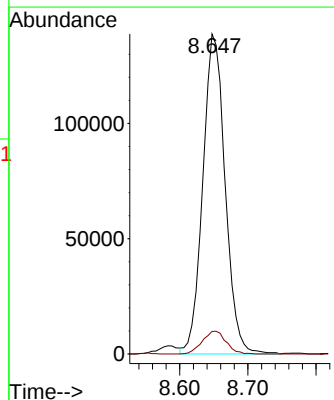
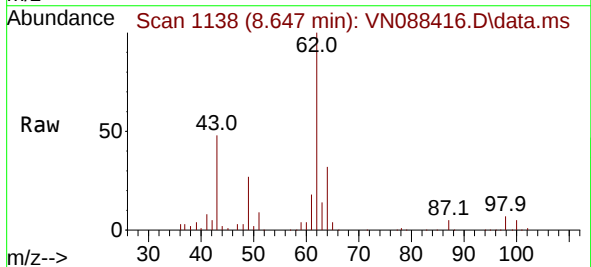
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 60.3  | 46.3  | 69.5  |
| 67  | 65.7  | 54.7  | 82.1  |
| 52  | 31.0  | 27.2  | 40.8  |

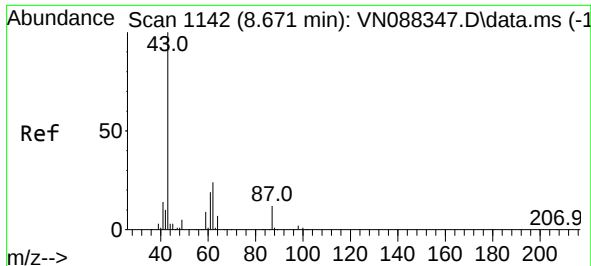


#42  
1,2-Dichloroethane  
Concen: 57.130 ug/l  
RT: 8.647 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 62 Resp: 316259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.6   | 0.0   | 16.2  |

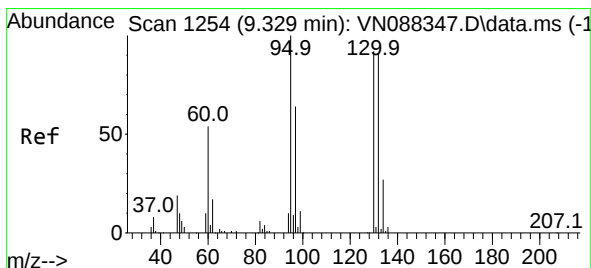
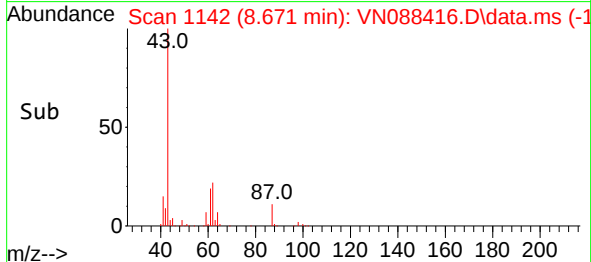
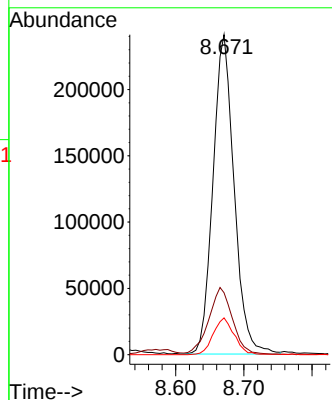
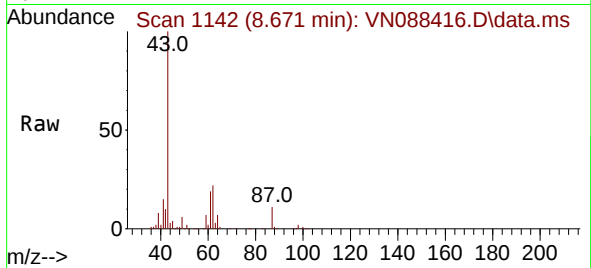




#43  
Isopropyl Acetate  
Concen: 52.446 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

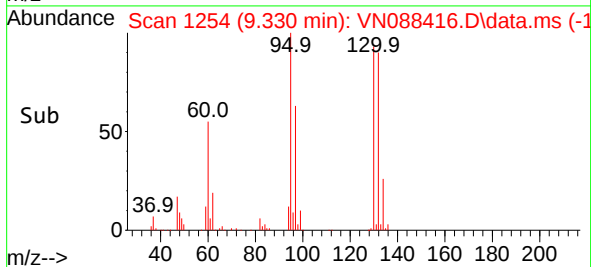
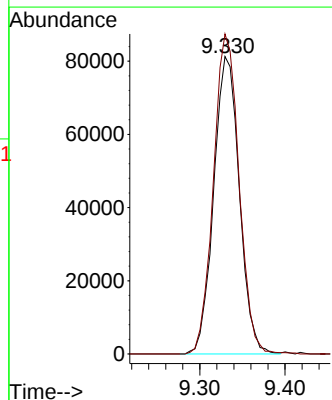
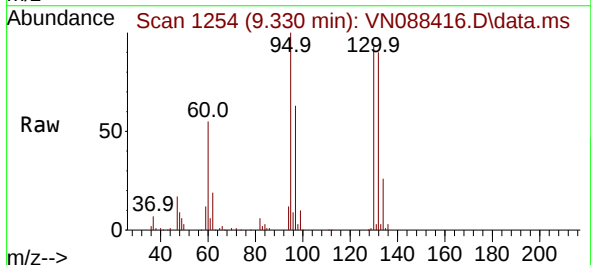
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

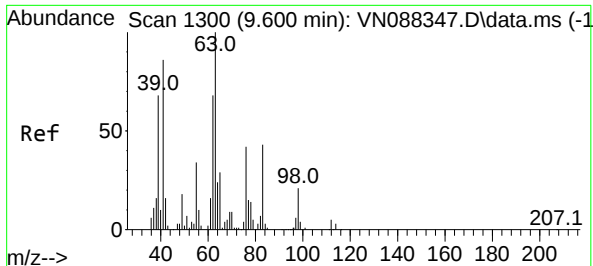
Tgt Ion: 43 Resp: 520873  
Ion Ratio Lower Upper  
43 100  
61 23.9 18.7 28.1  
87 11.4 9.1 13.7



#44  
Trichloroethene  
Concen: 49.600 ug/l  
RT: 9.330 min Scan# 1254  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:130 Resp: 170049  
Ion Ratio Lower Upper  
130 100  
95 107.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 54.396 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

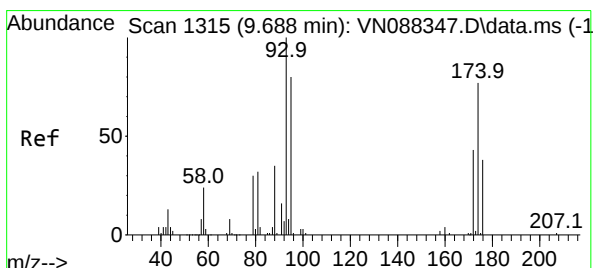
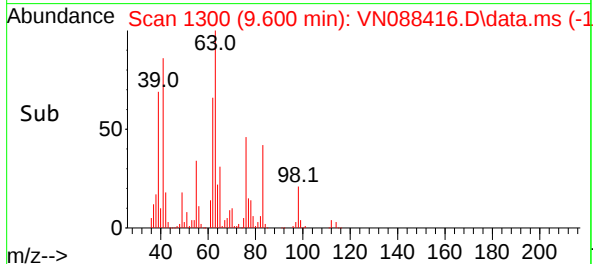
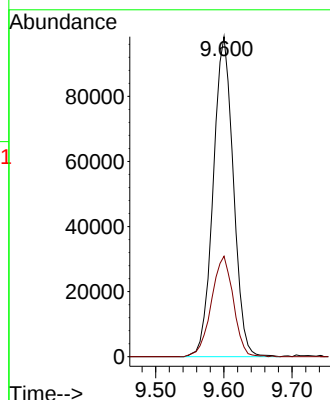
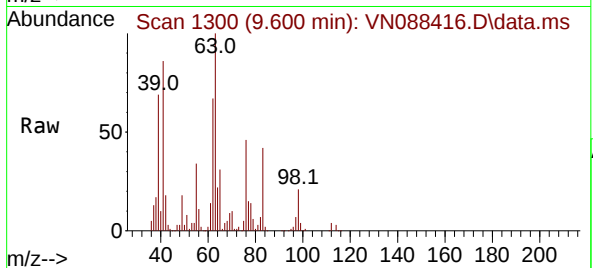
VSTDCCC050

Tgt Ion: 63 Resp: 202215

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.4



#46

Dibromomethane

Concen: 54.610 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

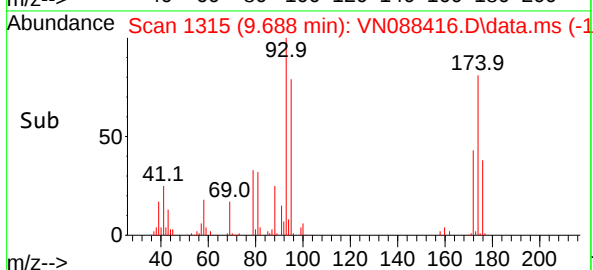
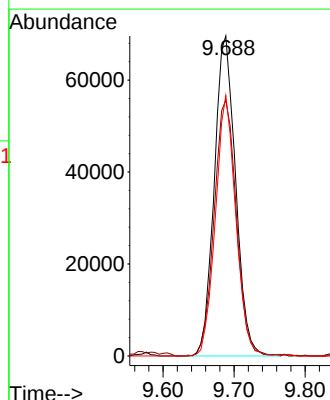
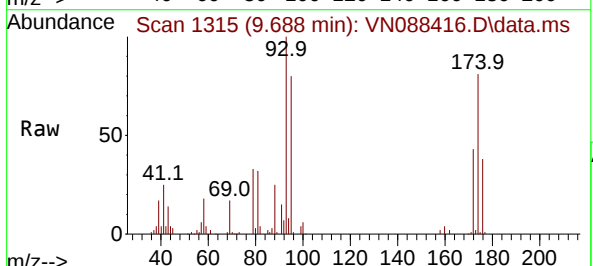
Tgt Ion: 93 Resp: 144881

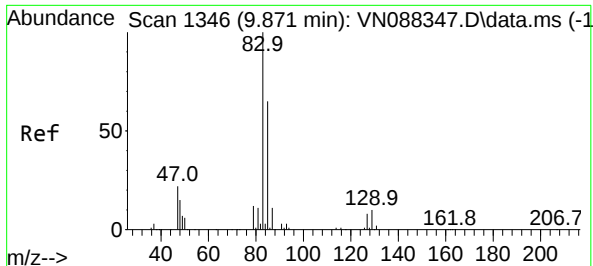
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 78.0 64.3 96.5





#47

Bromodichloromethane

Concen: 54.776 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

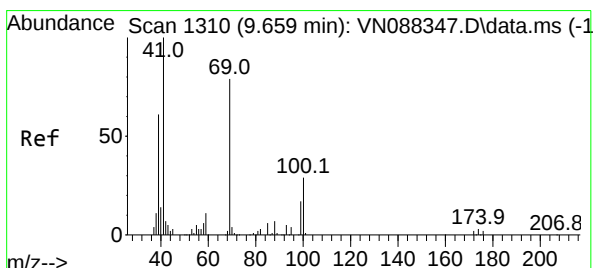
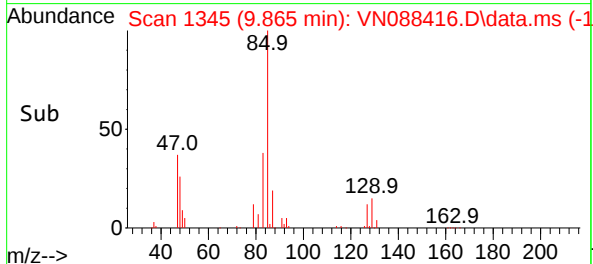
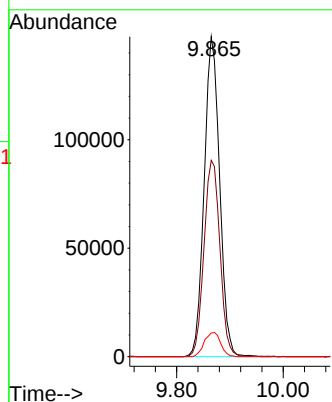
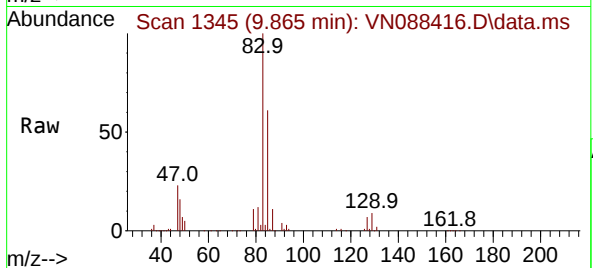
Tgt Ion: 83 Resp: 296516

Ion Ratio Lower Upper

83 100

85 61.4 51.9 77.9

127 7.4 6.3 9.5



#48

Methyl methacrylate

Concen: 55.636 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

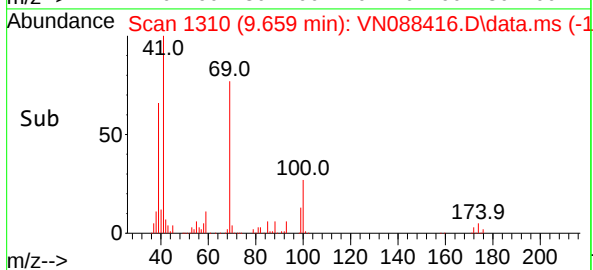
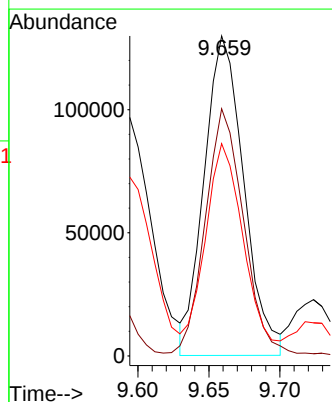
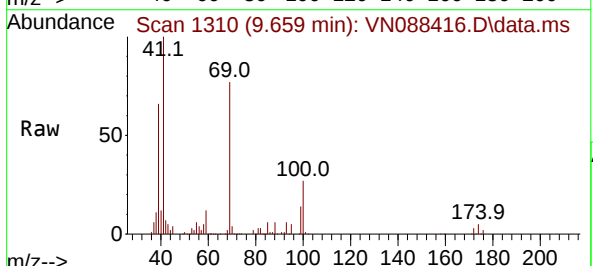
Tgt Ion: 41 Resp: 252113

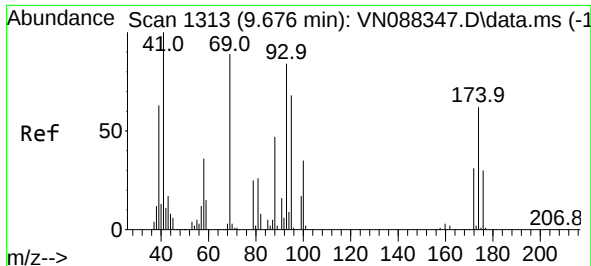
Ion Ratio Lower Upper

41 100

69 75.3 62.4 93.6

39 64.9 52.6 79.0





#49

1,4-Dioxane

Concen: 862.439 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

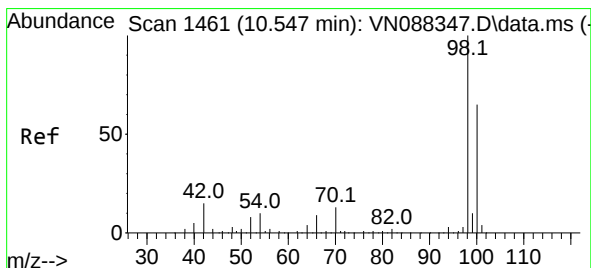
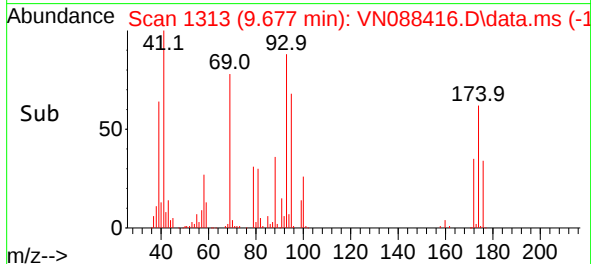
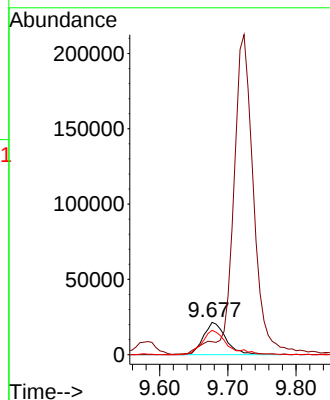
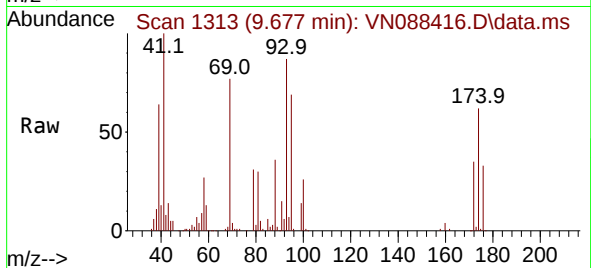
Tgt Ion: 88 Resp: 49701

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 82.4 62.0 93.0



#50

Toluene-d8

Concen: 53.910 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088416.D

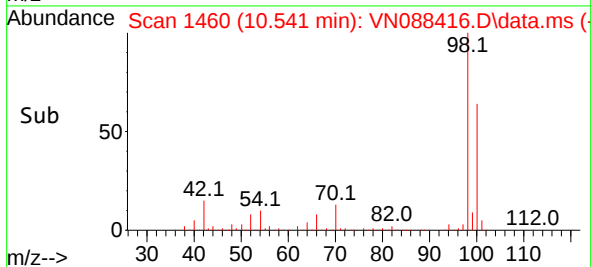
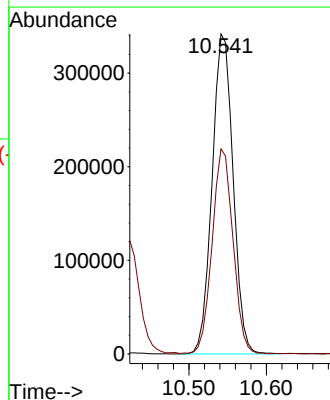
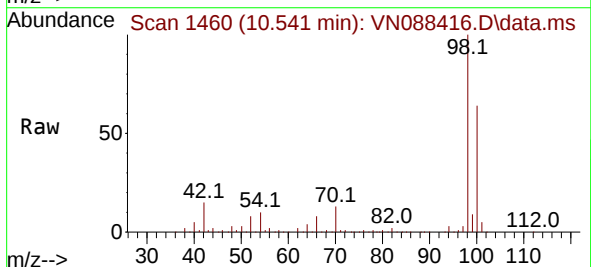
Acq: 03 Dec 2025 10:09

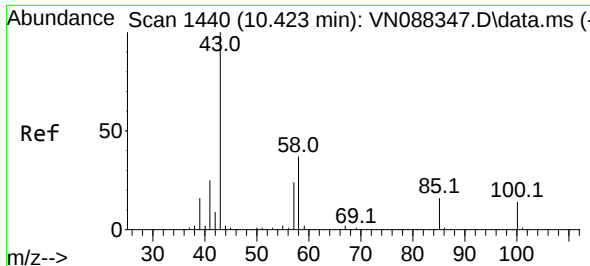
Tgt Ion: 98 Resp: 642527

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 279.666 ug/l

RT: 10.424 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

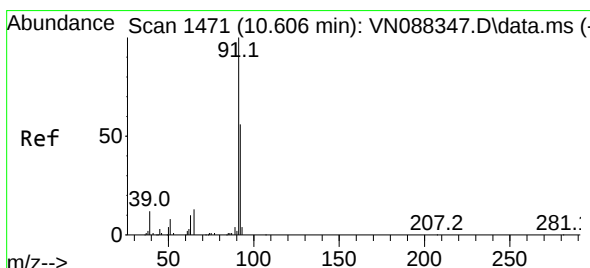
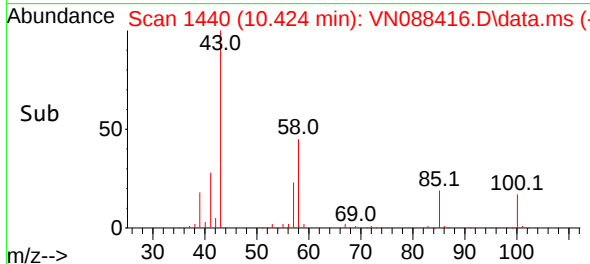
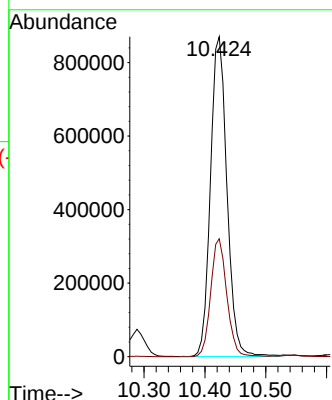
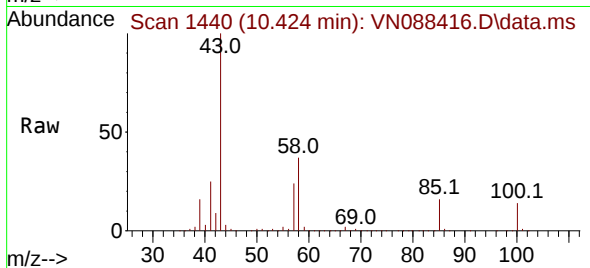
VSTDCCC050

Tgt Ion: 43 Resp: 1637165

Ion Ratio Lower Upper

43 100

58 36.0 29.1 43.7



#52

Toluene

Concen: 56.846 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VN088416.D

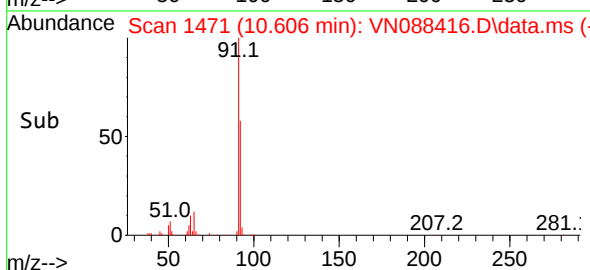
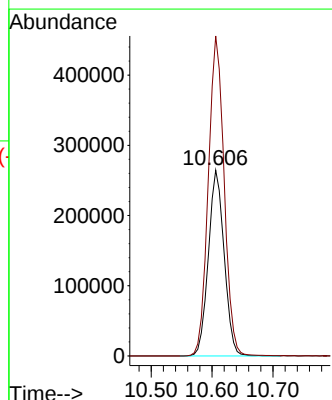
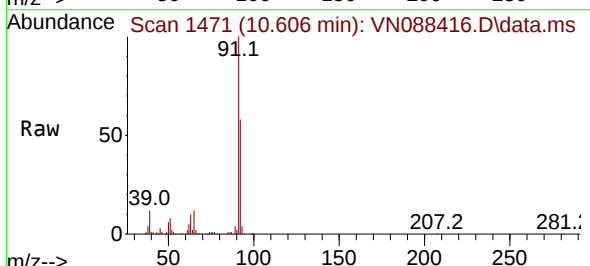
Acq: 03 Dec 2025 10:09

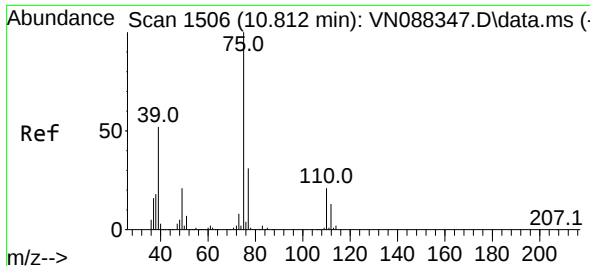
Tgt Ion: 92 Resp: 476264

Ion Ratio Lower Upper

92 100

91 173.0 140.2 210.2

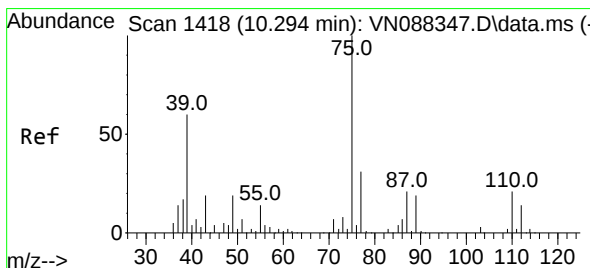
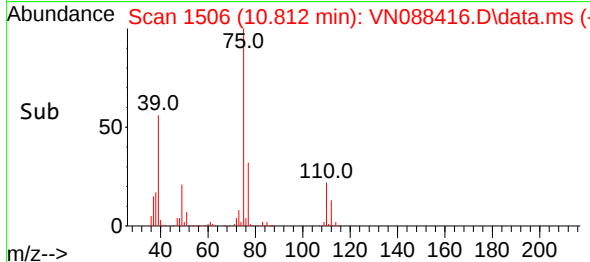
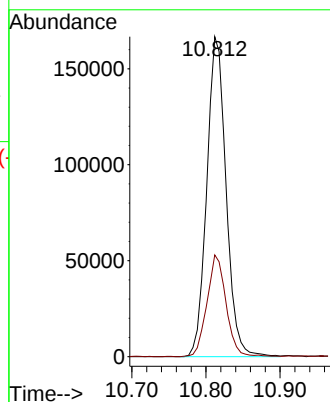
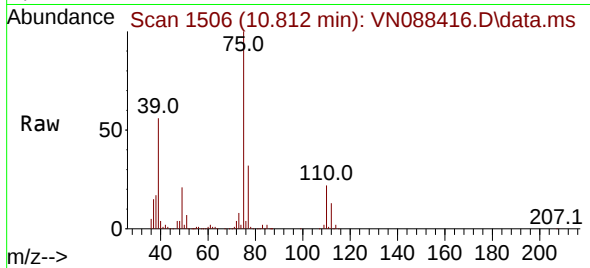




#53  
t-1,3-Dichloropropene  
Concen: 54.354 ug/l  
RT: 10.812 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

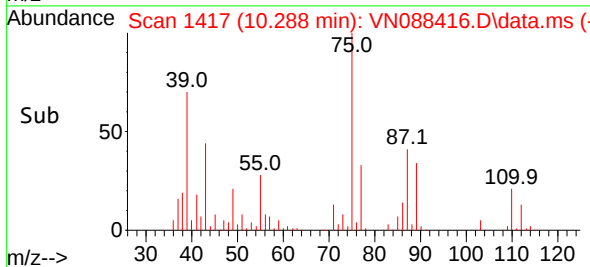
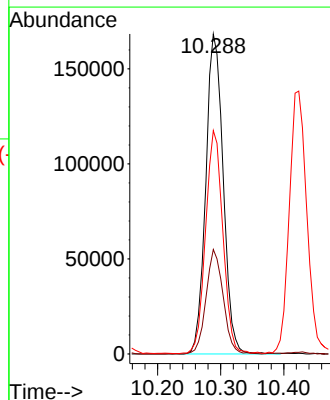
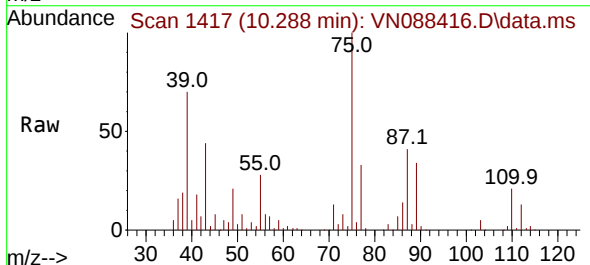
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

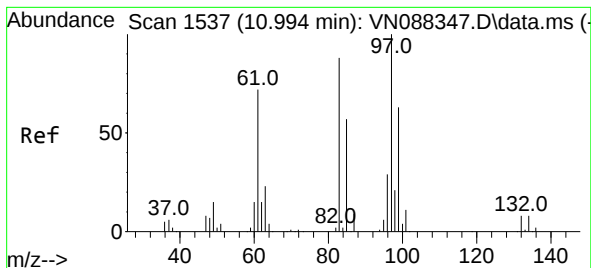
Tgt Ion: 75 Resp: 302012  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.8 37.2



#54  
cis-1,3-Dichloropropene  
Concen: 55.204 ug/l  
RT: 10.288 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 75 Resp: 322568  
Ion Ratio Lower Upper  
75 100  
77 32.7 24.5 36.7  
39 69.6 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 54.637 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 177106

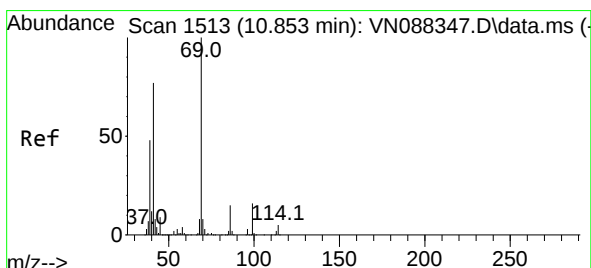
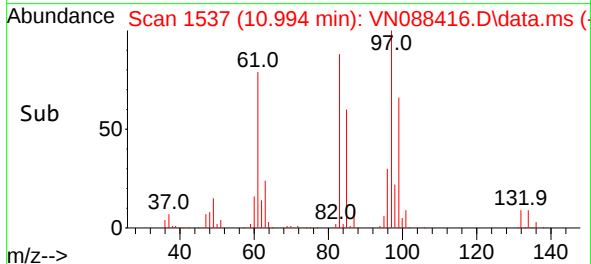
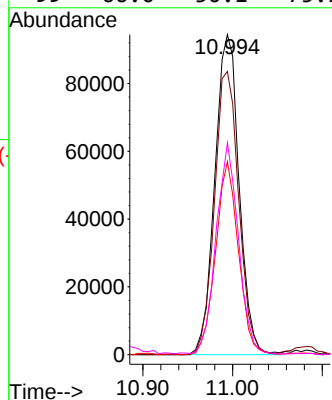
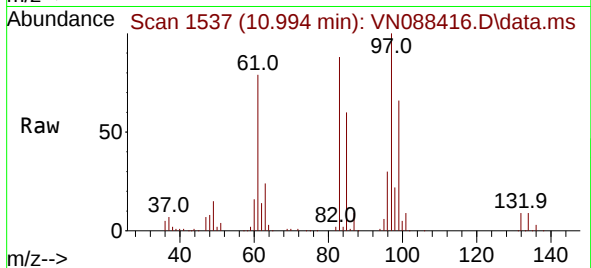
Ion Ratio Lower Upper

97 100

83 88.5 70.4 105.6

85 60.3 45.4 68.2

99 66.0 50.1 75.1



#56

Ethyl methacrylate

Concen: 58.558 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

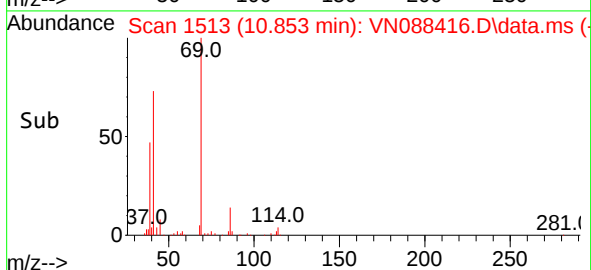
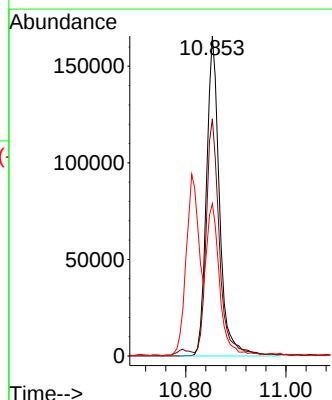
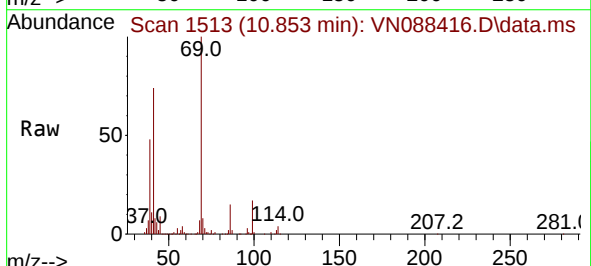
Tgt Ion: 69 Resp: 299832

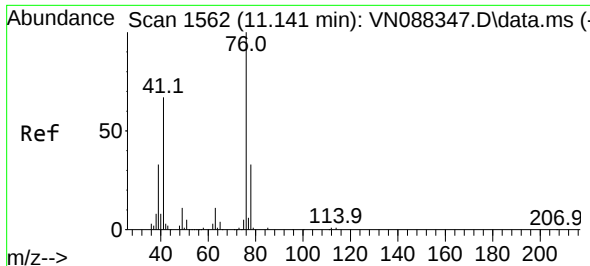
Ion Ratio Lower Upper

69 100

41 73.9 59.6 89.4

39 46.6 36.4 54.6

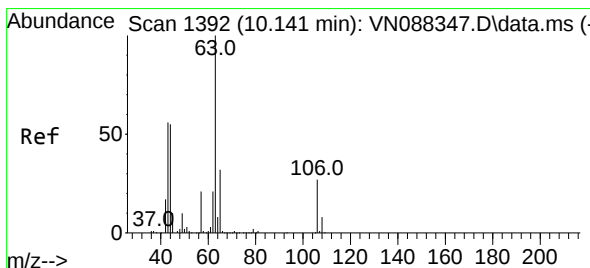
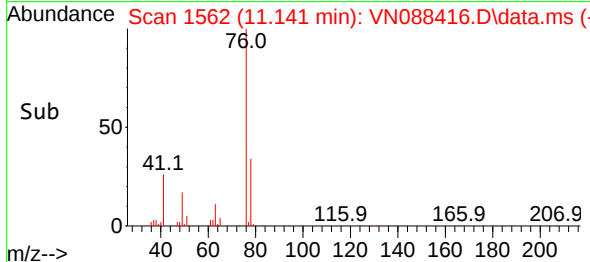
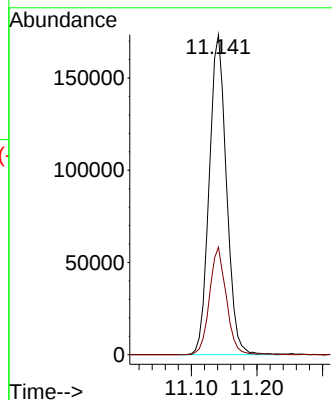
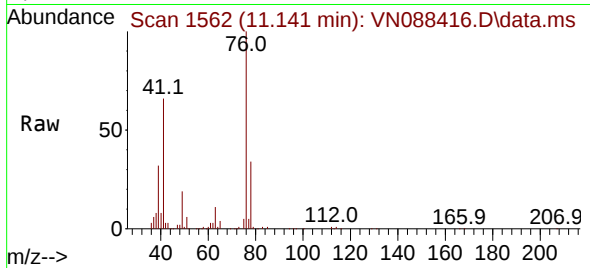




#57  
1,3-Dichloropropane  
Concen: 54.234 ug/l  
RT: 11.141 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

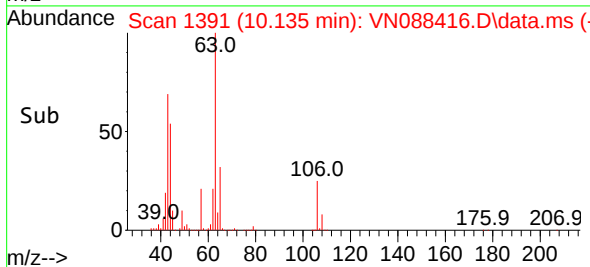
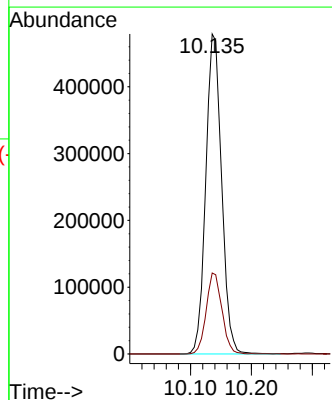
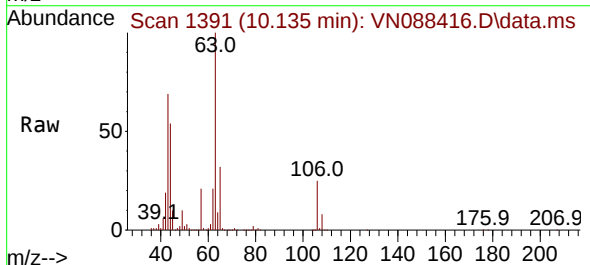
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

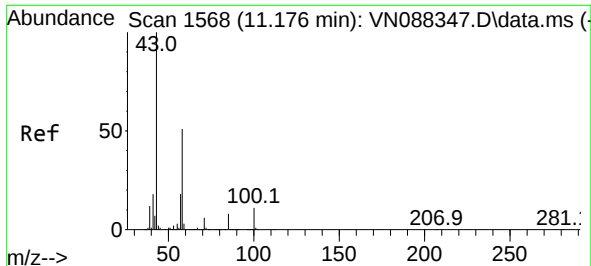
Tgt Ion: 76 Resp: 317144  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 293.116 ug/l  
RT: 10.135 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 63 Resp: 865254  
Ion Ratio Lower Upper  
63 100  
106 25.1 20.5 30.7

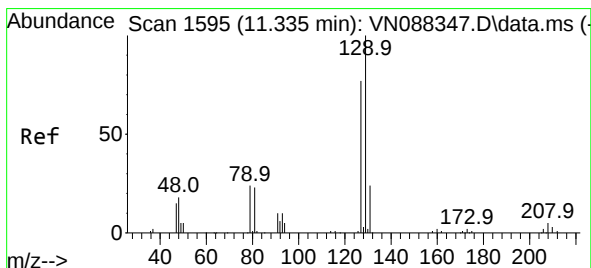
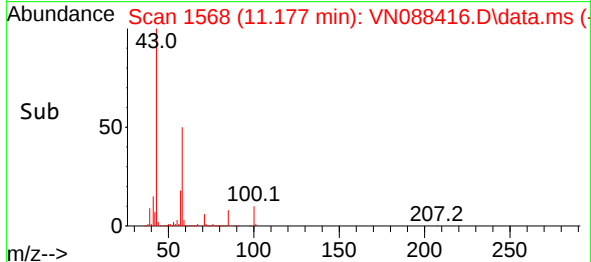
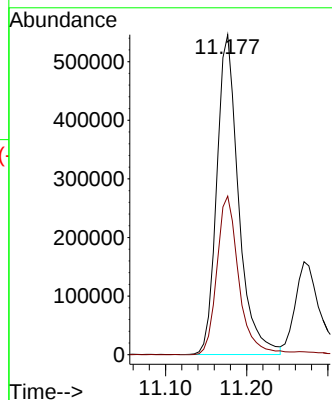
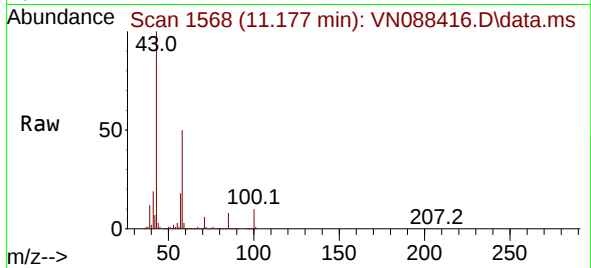




#59  
2-Hexanone  
Concen: 276.431 ug/l  
RT: 11.177 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

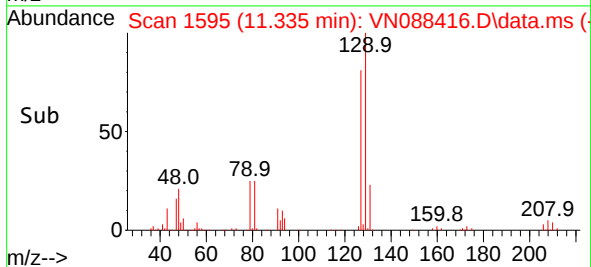
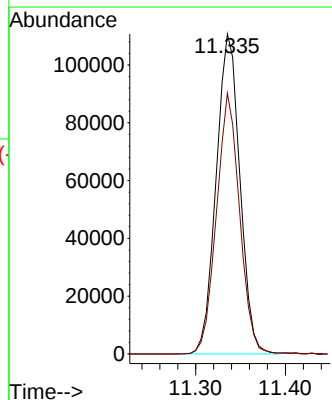
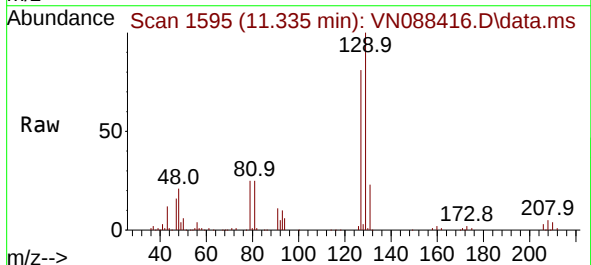
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

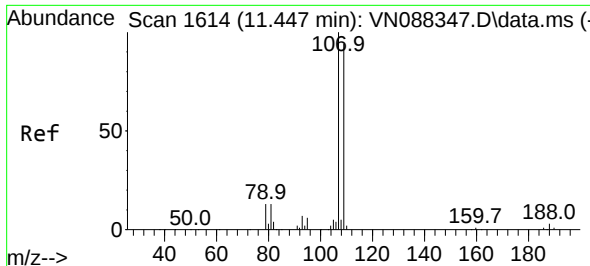
Tgt Ion: 43 Resp: 1019410  
Ion Ratio Lower Upper  
43 100  
58 49.9 25.3 75.9



#60  
Dibromochloromethane  
Concen: 55.011 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:129 Resp: 203281  
Ion Ratio Lower Upper  
129 100  
127 79.4 38.2 114.6

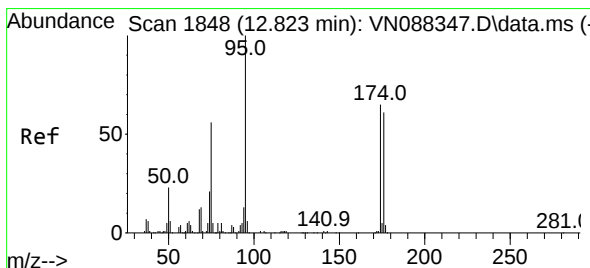
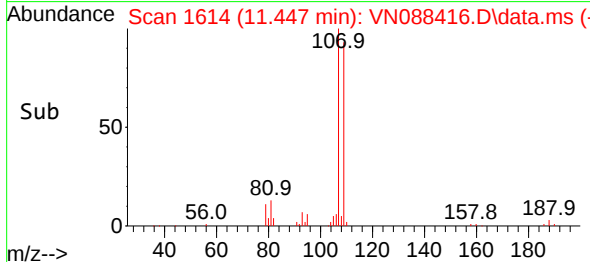
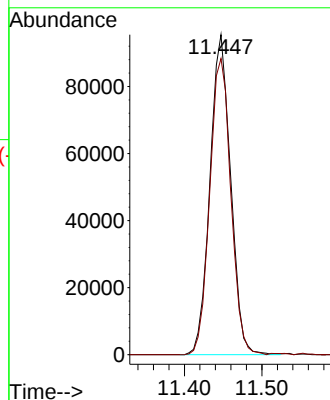
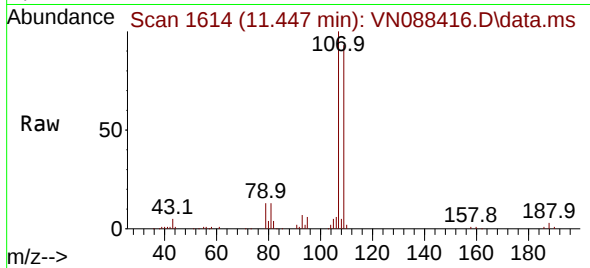




#61  
1,2-Dibromoethane  
Concen: 53.887 ug/l  
RT: 11.447 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

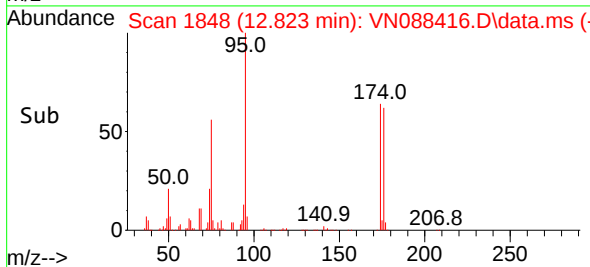
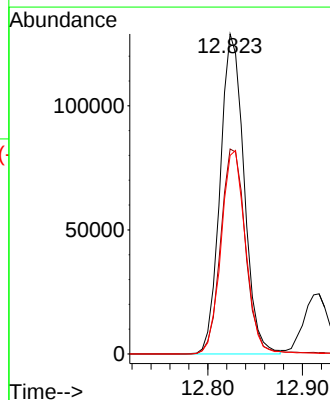
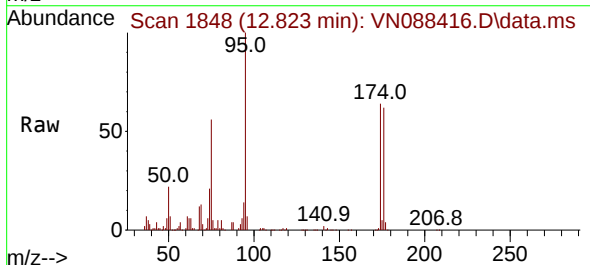
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

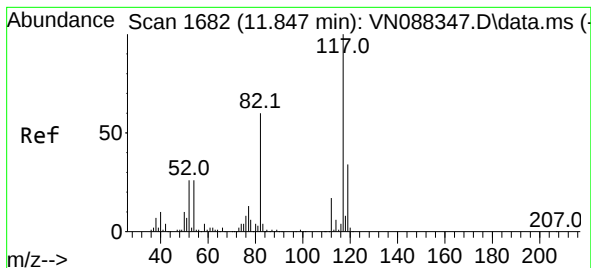
Tgt Ion:107 Resp: 176881  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 55.264 ug/l  
RT: 12.823 min Scan# 1848  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 95 Resp: 225998  
Ion Ratio Lower Upper  
95 100  
174 67.2 0.0 139.0  
176 65.5 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

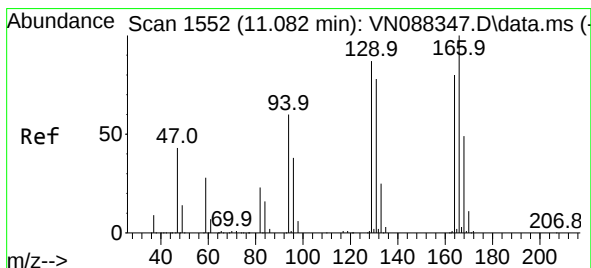
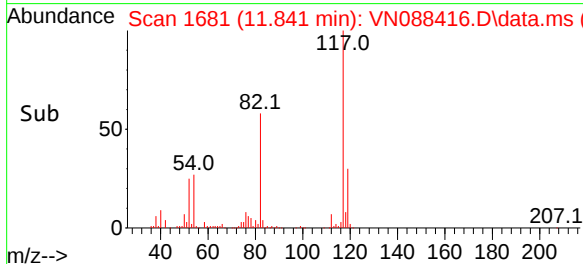
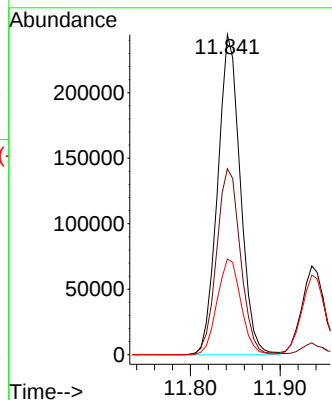
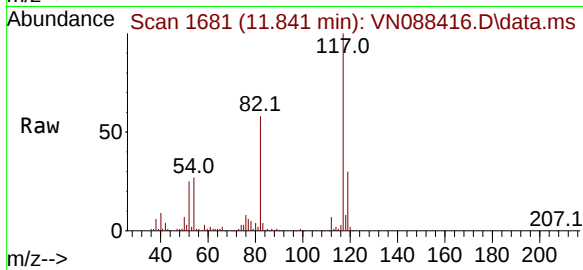
Tgt Ion:117 Resp: 427792

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.8

119 29.9 26.9 40.3



#64

Tetrachloroethene

Concen: 45.729 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion:164 Resp: 155084

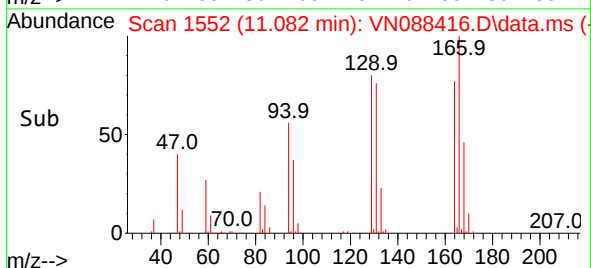
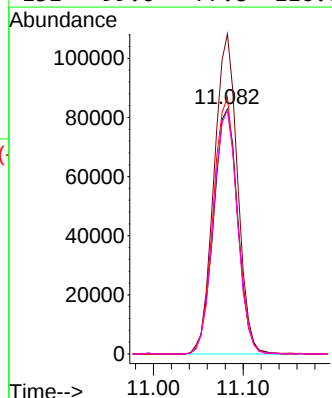
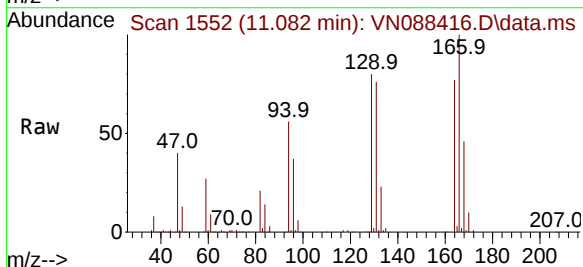
Ion Ratio Lower Upper

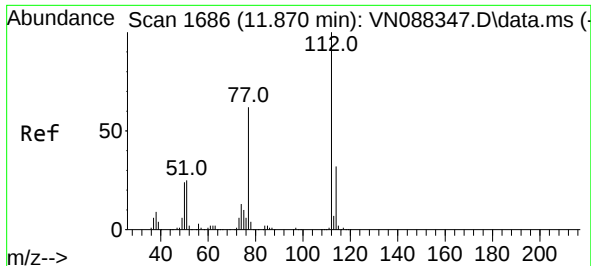
164 100

166 130.7 99.6 149.4

129 104.9 86.6 129.8

131 99.6 77.8 116.6

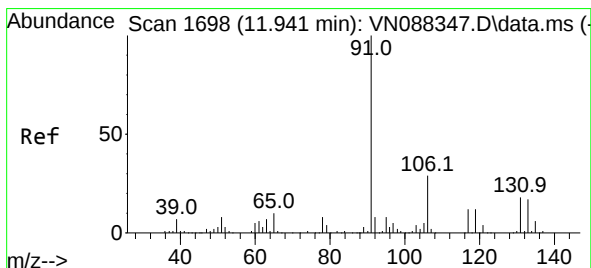
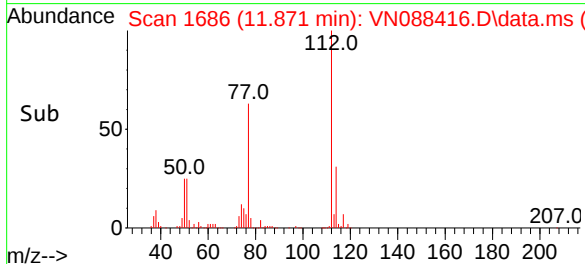
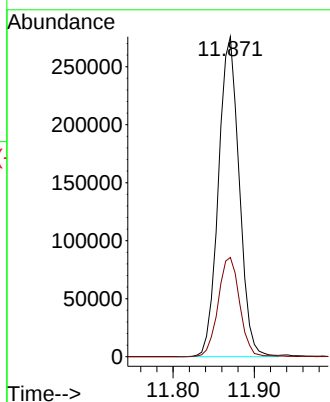
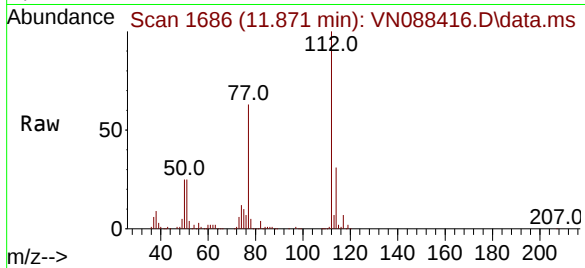




#65  
Chlorobenzene  
Concen: 51.080 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

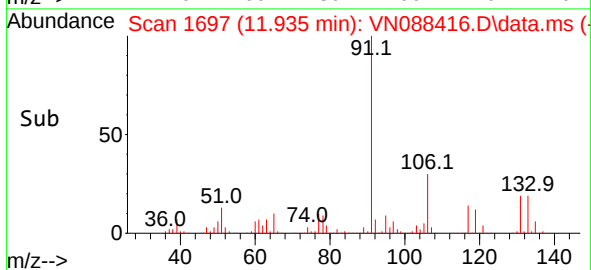
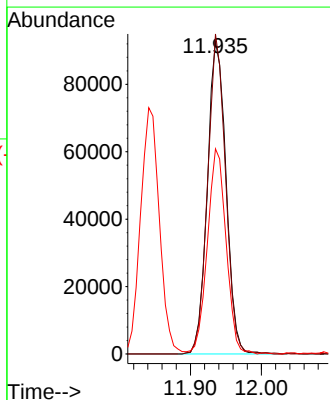
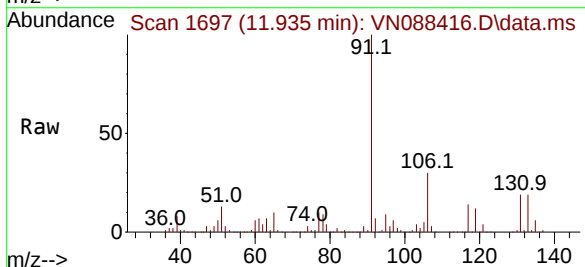
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

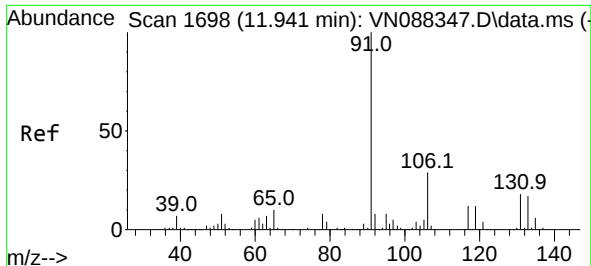
Tgt Ion:112 Resp: 490827  
Ion Ratio Lower Upper  
112 100  
114 31.0 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.393 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:131 Resp: 169798  
Ion Ratio Lower Upper  
131 100  
133 98.0 47.4 142.2  
119 65.6 33.4 100.1





#67

Ethyl Benzene

Concen: 53.378 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

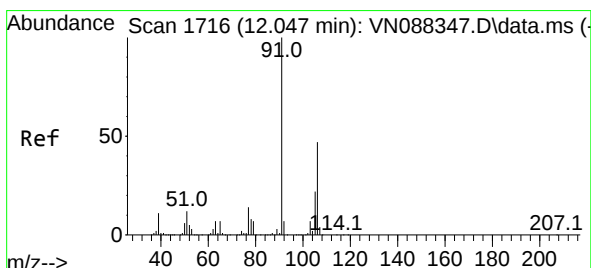
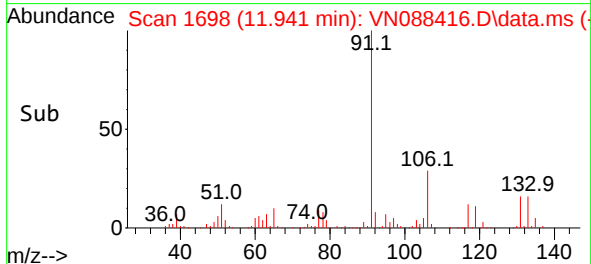
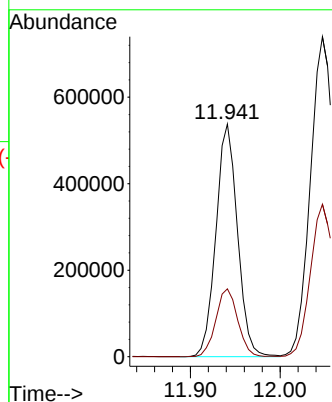
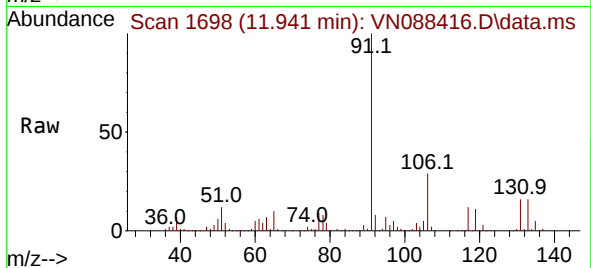
VSTDCCC050

Tgt Ion: 91 Resp: 896457

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4



#68

m/p-Xylenes

Concen: 108.770 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088416.D

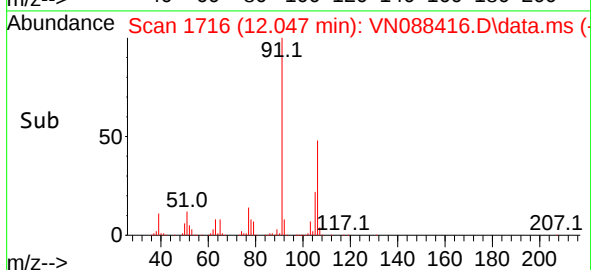
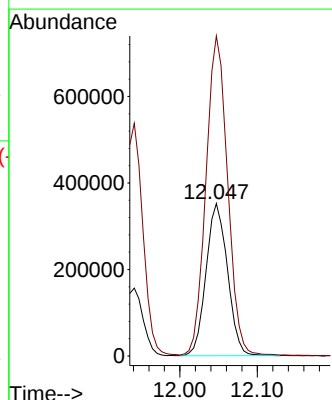
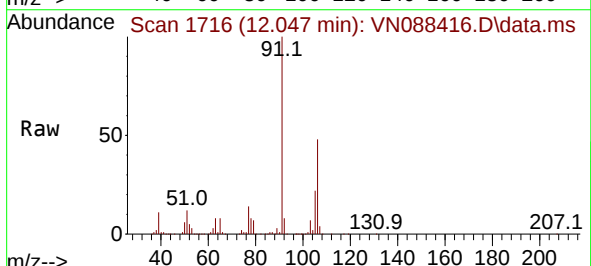
Acq: 03 Dec 2025 10:09

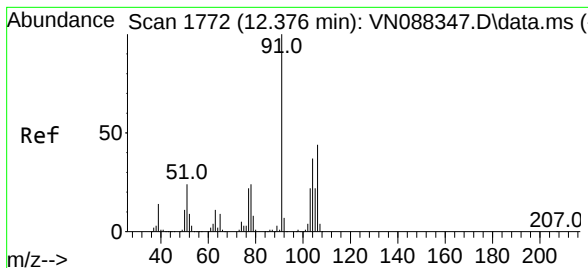
Tgt Ion: 106 Resp: 677300

Ion Ratio Lower Upper

106 100

91 213.2 167.8 251.6

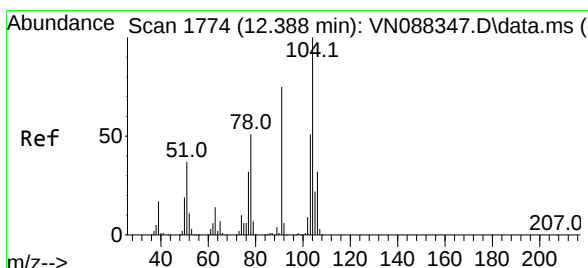
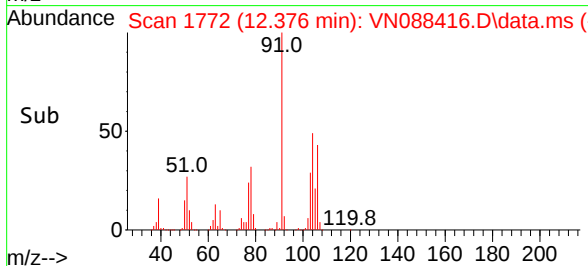
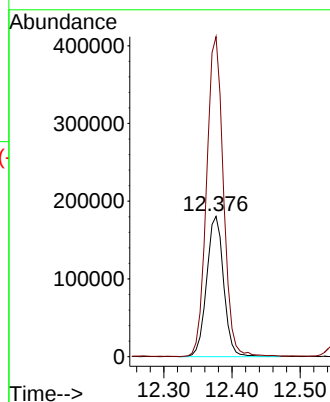
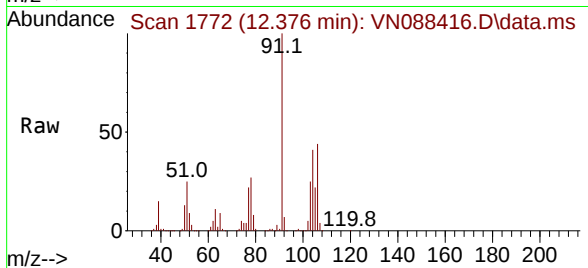




#69  
o-Xylene  
Concen: 52.861 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

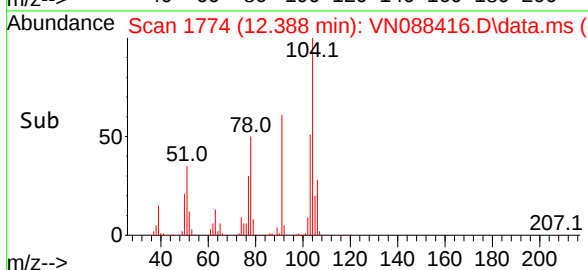
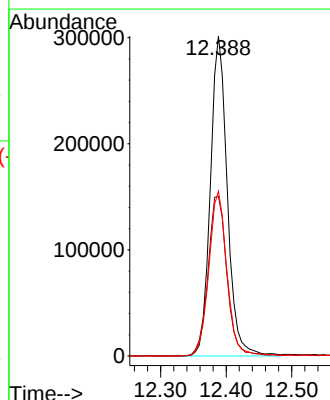
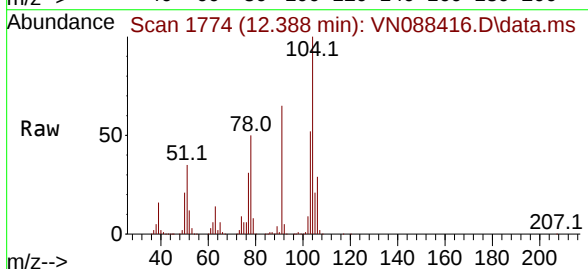
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

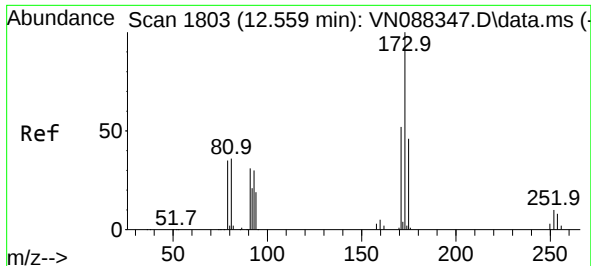
Tgt Ion:106 Resp: 313812  
Ion Ratio Lower Upper  
106 100  
91 225.4 112.9 338.7



#70  
Styrene  
Concen: 56.212 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:104 Resp: 541836  
Ion Ratio Lower Upper  
104 100  
78 55.8 44.3 66.5  
103 54.6 44.2 66.4

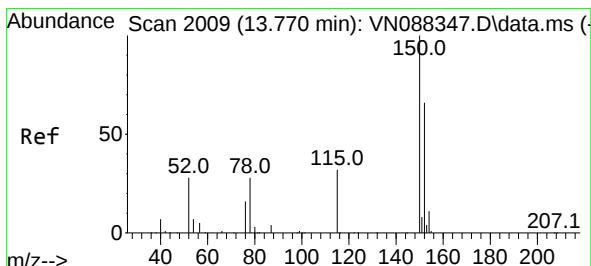
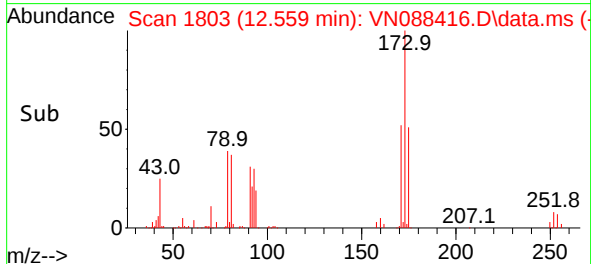
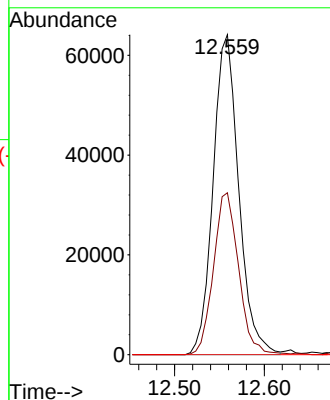
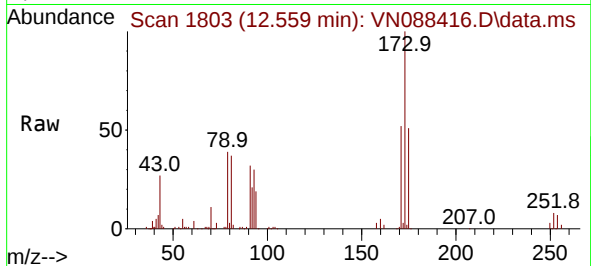




#71  
Bromoform  
Concen: 53.544 ug/l  
RT: 12.559 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

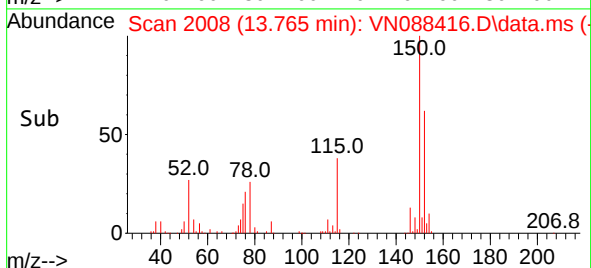
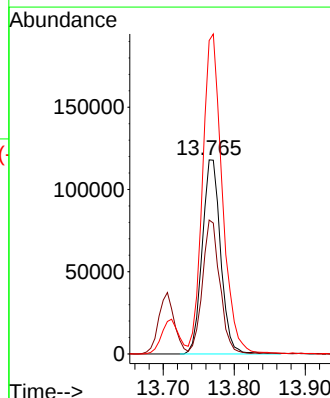
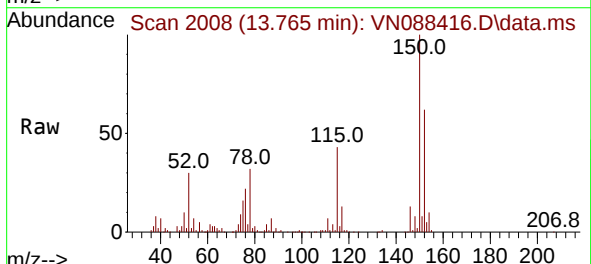
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

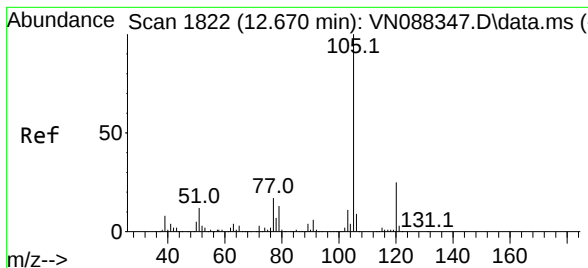
Tgt Ion:173 Resp: 127101  
Ion Ratio Lower Upper  
173 100  
175 49.6 23.9 71.8  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.765 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:152 Resp: 213345  
Ion Ratio Lower Upper  
152 100  
115 64.4 33.0 98.9  
150 175.6 0.0 349.0





#73

Isopropylbenzene

Concen: 53.381 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Instrument :

MSVOA\_N

ClientSampleId :

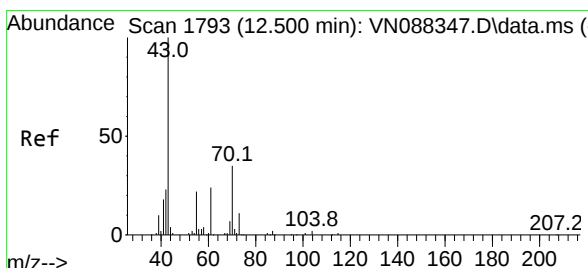
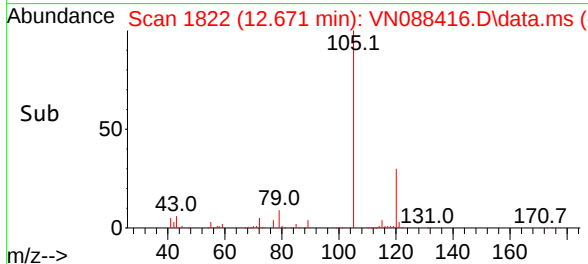
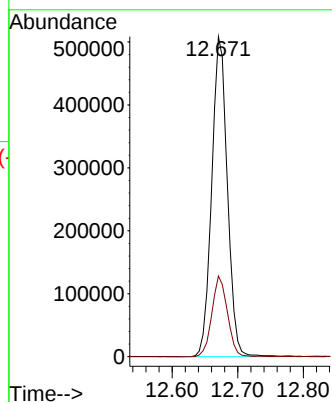
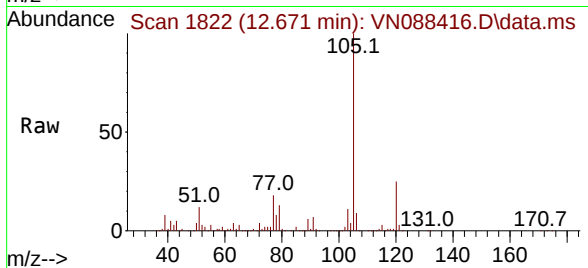
VSTDCCC050

Tgt Ion:105 Resp: 842054

Ion Ratio Lower Upper

105 100

120 25.0 12.8 38.3



#74

N-ethyl acetate

Concen: 27.270 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN088416.D

Acq: 03 Dec 2025 10:09

Tgt Ion: 43 Resp: 146495

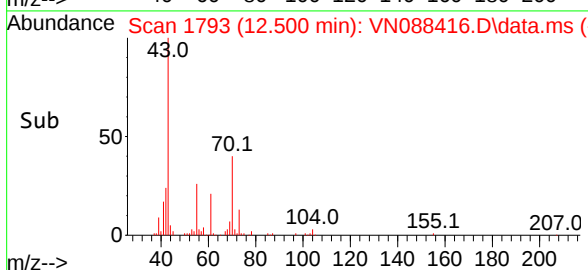
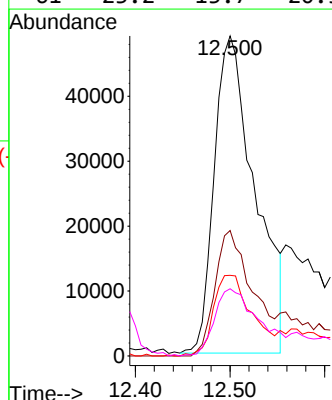
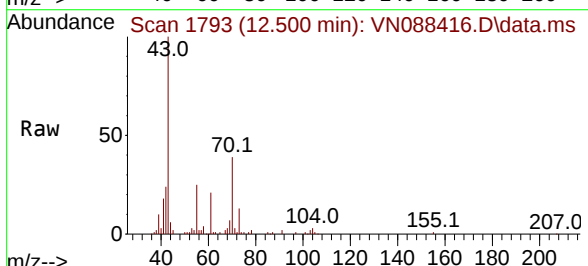
Ion Ratio Lower Upper

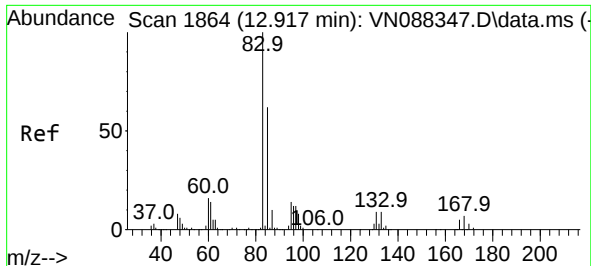
43 100

70 36.5 28.3 42.5

55 24.2 17.7 26.5

61 23.2 13.7 20.5#

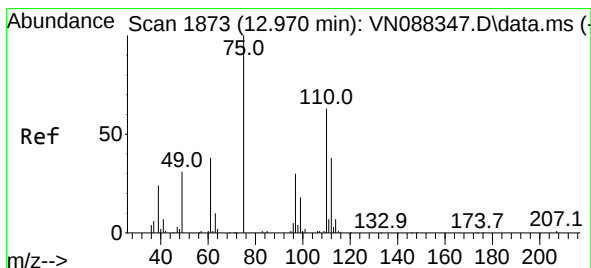
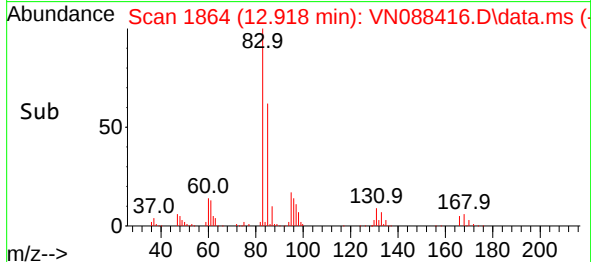
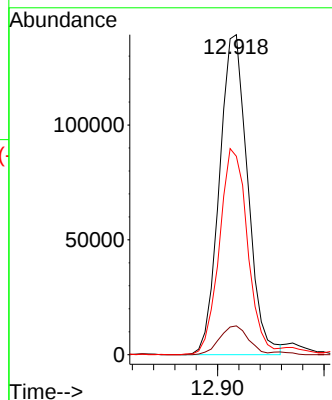
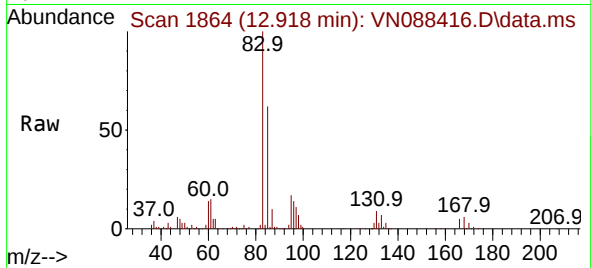




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.320 ug/l  
 RT: 12.918 min Scan# 1864  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

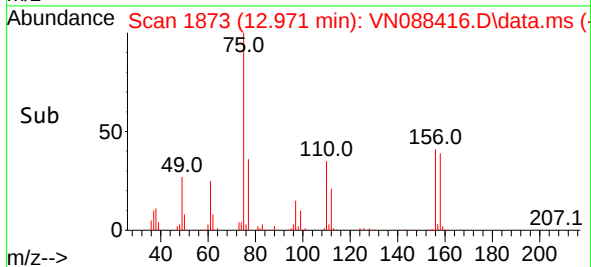
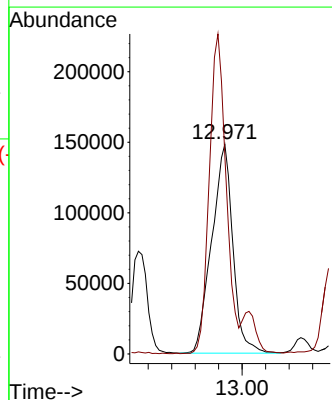
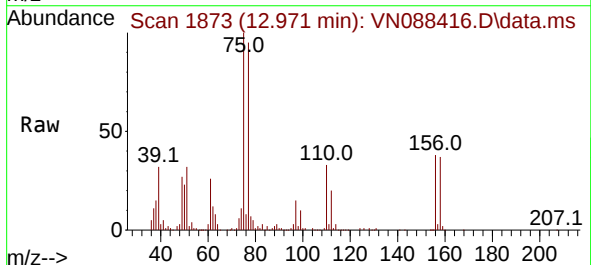
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

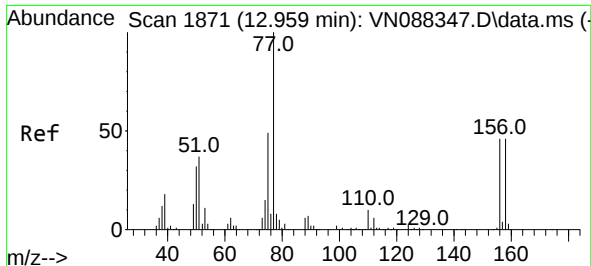
Tgt Ion: 83 Resp: 256612  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 4.8 14.4  
 85 64.5 32.1 96.5



#76  
 1,2,3-Trichloropropane  
 Concen: 74.004 ug/l  
 RT: 12.971 min Scan# 1873  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion: 75 Resp: 369793  
 Ion Ratio Lower Upper  
 75 100  
 77 121.7 87.2 261.6

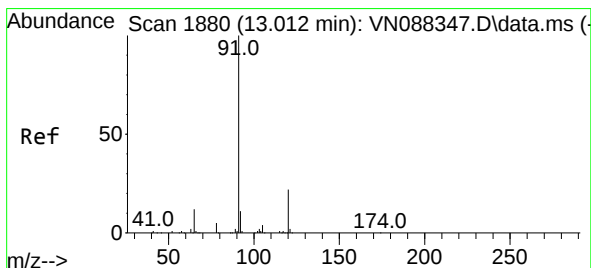
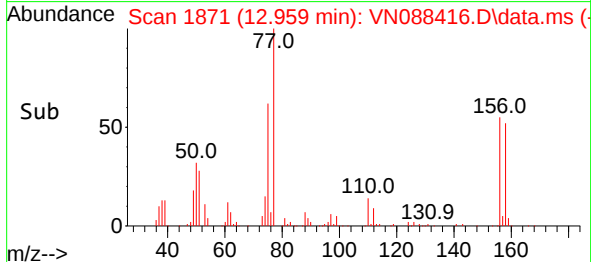
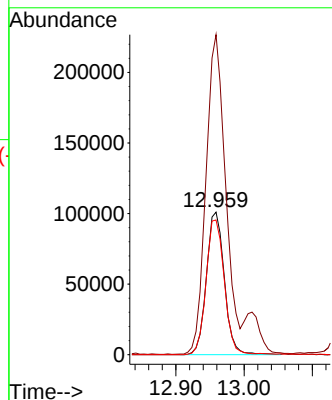
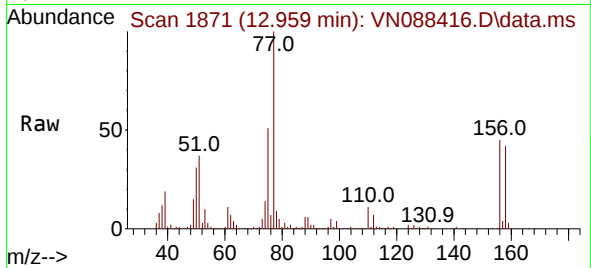




#77  
Bromobenzene  
Concen: 51.194 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

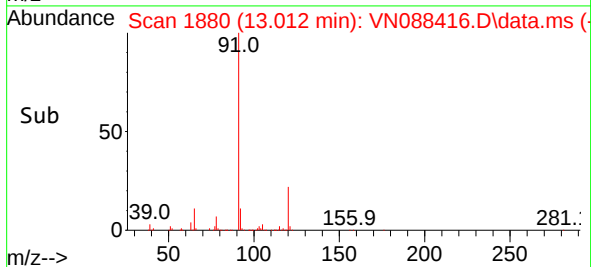
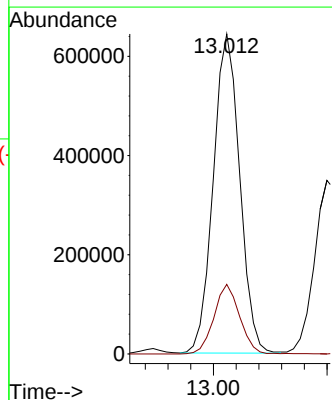
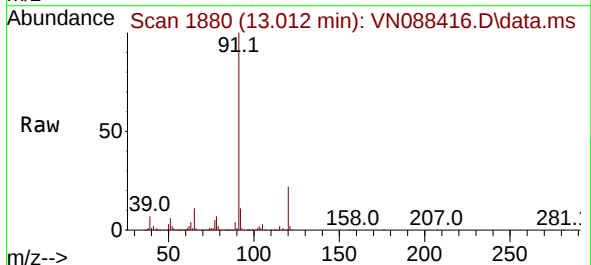
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

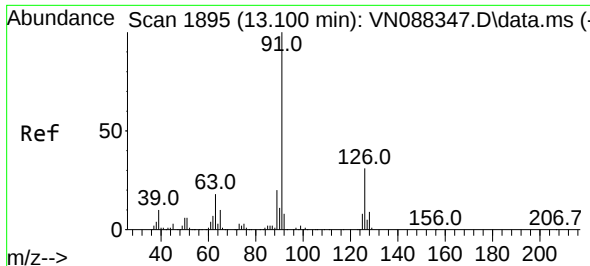
Tgt Ion:156 Resp: 184770  
Ion Ratio Lower Upper  
156 100  
77 243.6 121.6 364.7  
158 96.0 48.6 145.8



#78  
n-propylbenzene  
Concen: 53.824 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 91 Resp: 1038692  
Ion Ratio Lower Upper  
91 100  
120 21.3 10.9 32.6

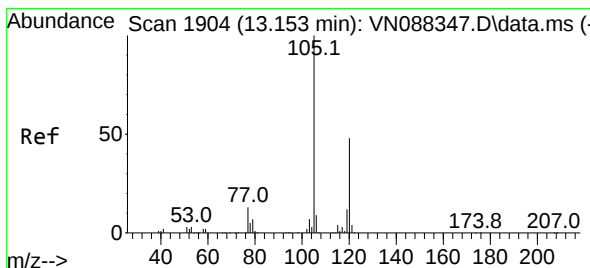
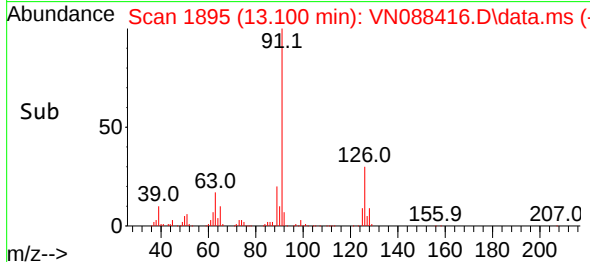
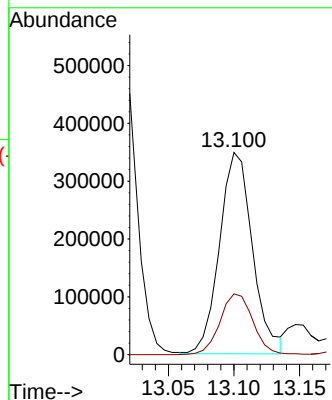
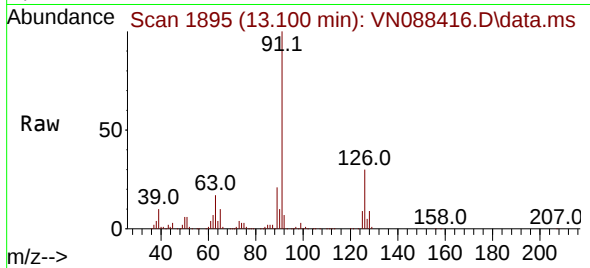




#79  
2-Chlorotoluene  
Concen: 51.779 ug/l  
RT: 13.100 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

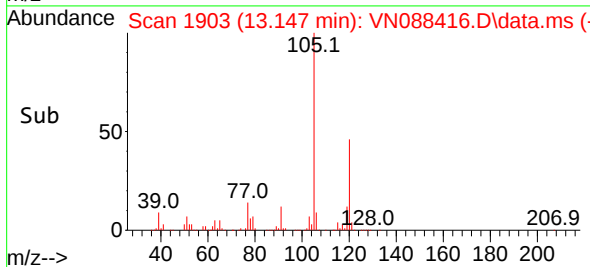
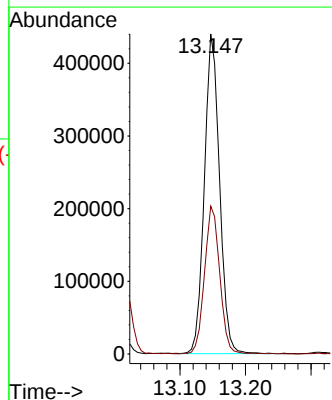
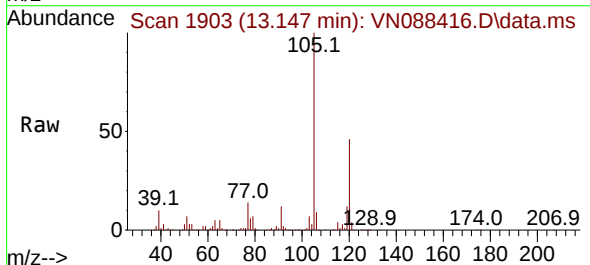
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

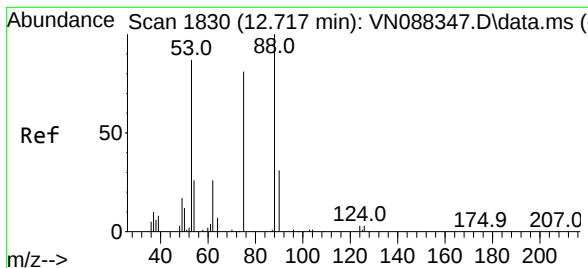
Tgt Ion: 91 Resp: 610198  
Ion Ratio Lower Upper  
91 100  
126 30.2 15.3 45.9



#80  
1,3,5-Trimethylbenzene  
Concen: 54.389 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:105 Resp: 710935  
Ion Ratio Lower Upper  
105 100  
120 46.6 23.8 71.5

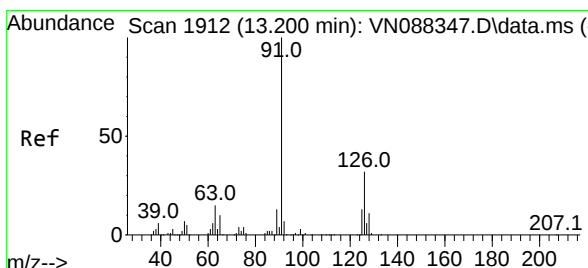
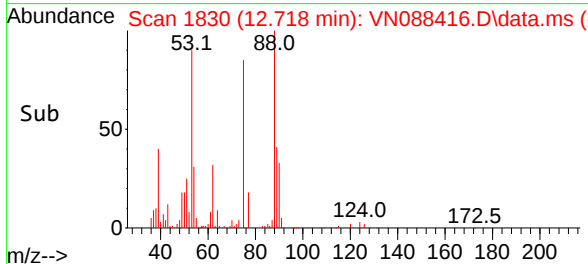
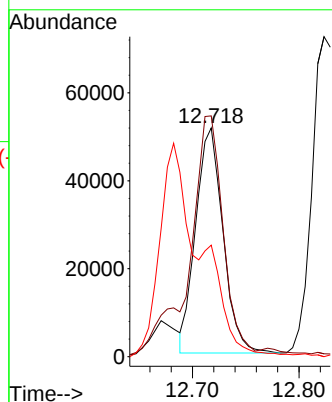
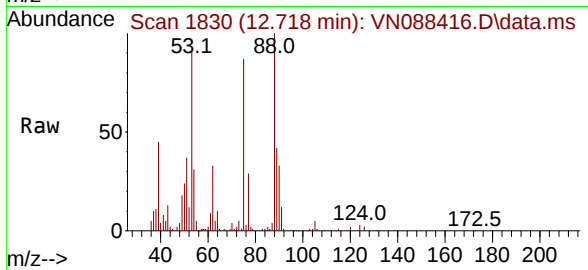




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.894 ug/l  
RT: 12.718 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

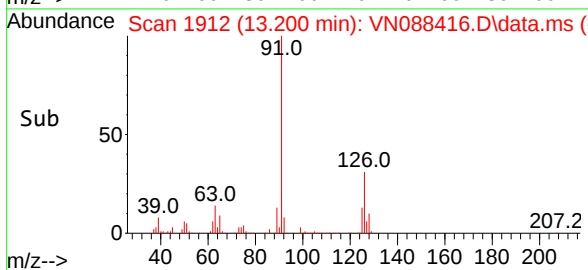
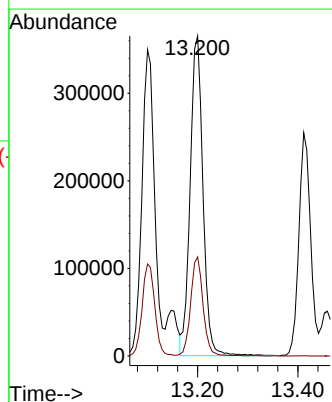
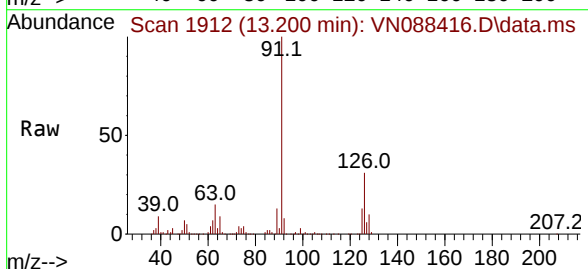
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

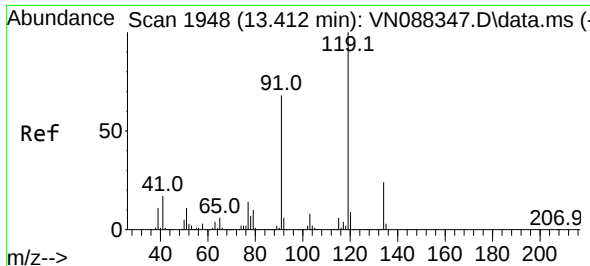
Tgt Ion: 75 Resp: 91405  
Ion Ratio Lower Upper  
75 100  
53 131.2 92.2 138.4  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 55.164 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 91 Resp: 645688  
Ion Ratio Lower Upper  
91 100  
126 30.0 15.6 46.7

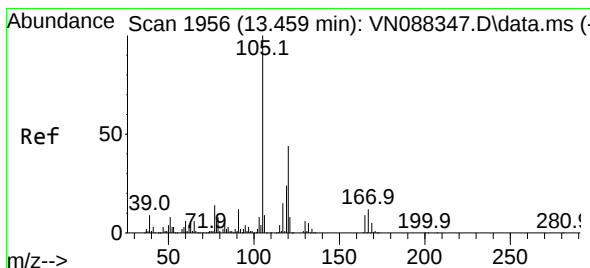
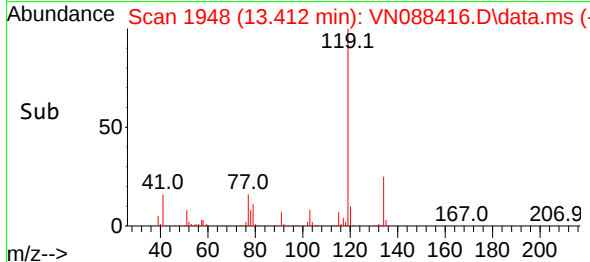
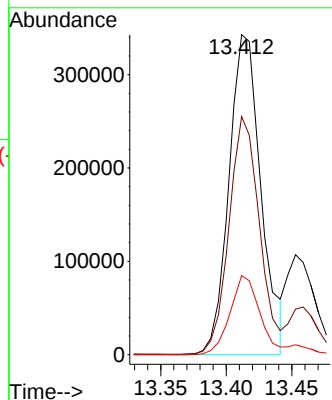
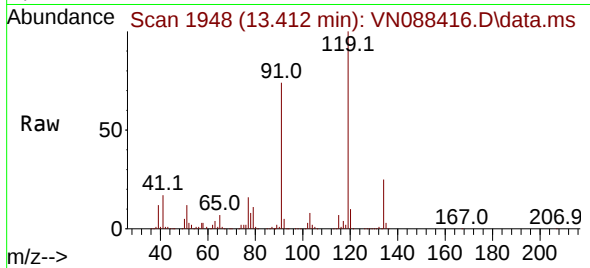




#83  
 tert-Butylbenzene  
 Concen: 52.485 ug/l  
 RT: 13.412 min Scan# 1948  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

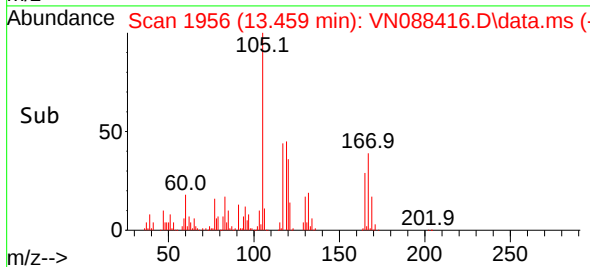
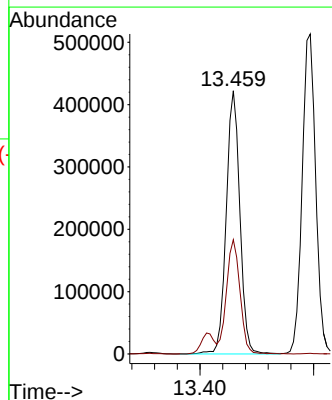
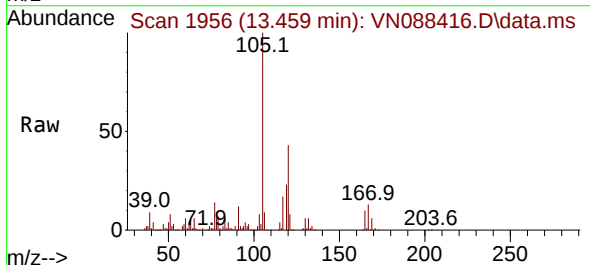
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

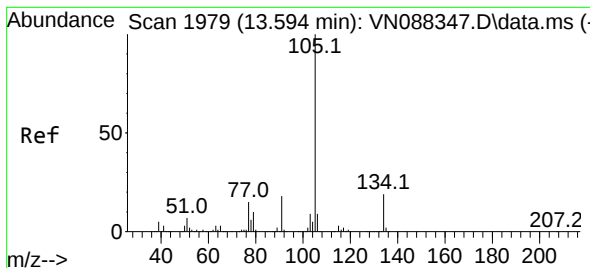
Tgt Ion:119 Resp: 583188  
 Ion Ratio Lower Upper  
 119 100  
 91 70.7 35.1 105.3  
 134 23.3 12.8 38.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.240 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion:105 Resp: 704701  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 22.1 66.1

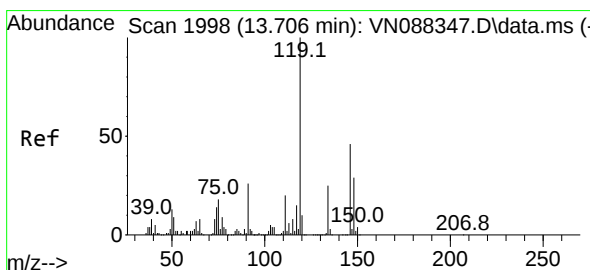
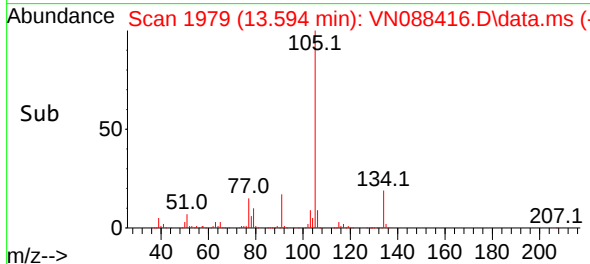
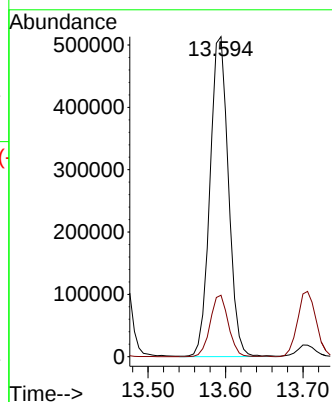
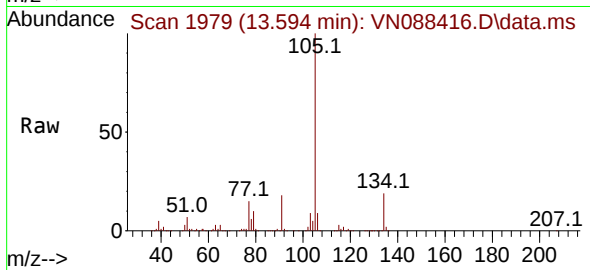




#85  
sec-Butylbenzene  
Concen: 53.137 ug/l  
RT: 13.594 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

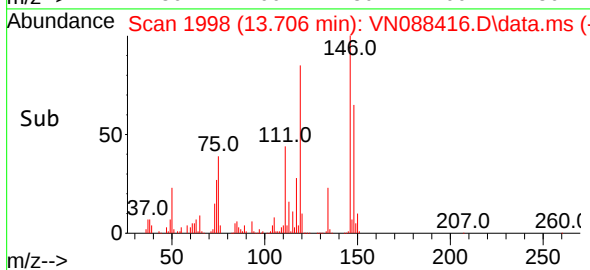
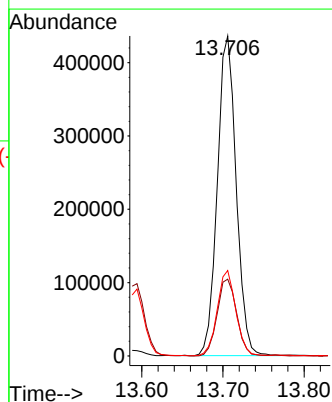
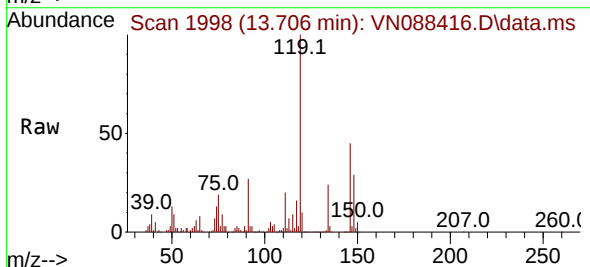
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

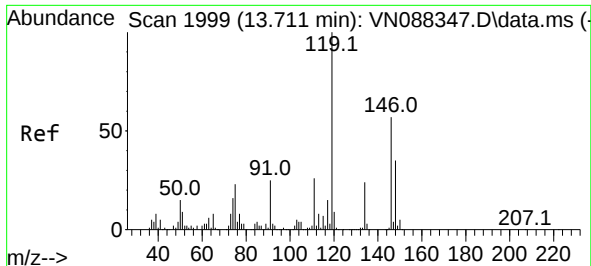
Tgt Ion:105 Resp: 848228  
Ion Ratio Lower Upper  
105 100  
134 18.9 9.5 28.5



#86  
p-Isopropyltoluene  
Concen: 53.801 ug/l  
RT: 13.706 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:119 Resp: 704236  
Ion Ratio Lower Upper  
119 100  
134 24.9 12.2 36.6  
91 26.2 13.0 39.0

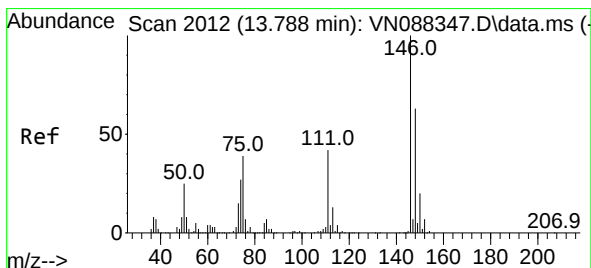
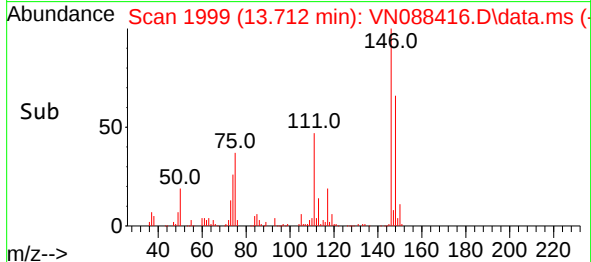
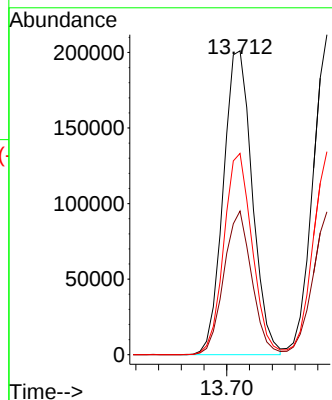
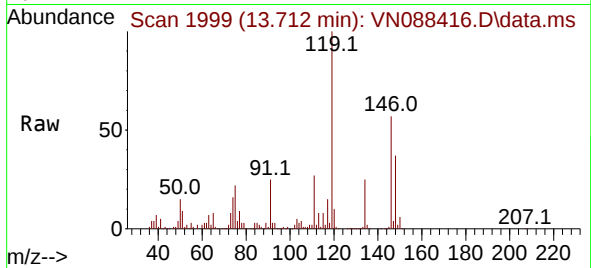




#87  
1,3-Dichlorobenzene  
Concen: 50.754 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

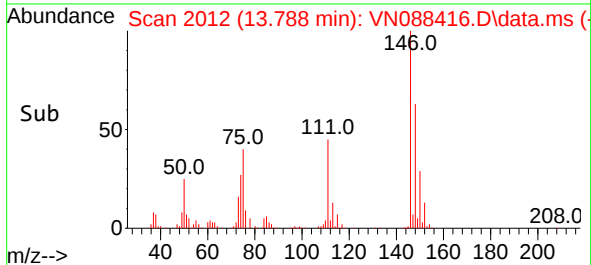
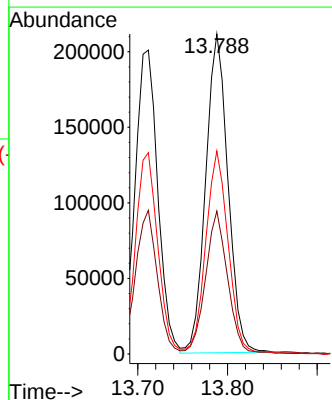
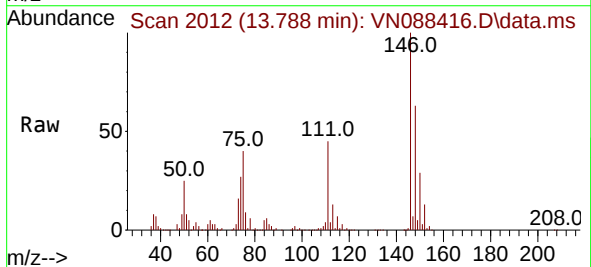
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

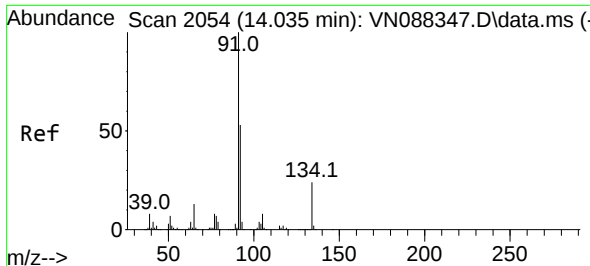
Tgt Ion:146 Resp: 356592  
Ion Ratio Lower Upper  
146 100  
111 45.4 22.4 67.0  
148 65.0 31.6 94.8



#88  
1,4-Dichlorobenzene  
Concen: 49.372 ug/l  
RT: 13.788 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion:146 Resp: 363362  
Ion Ratio Lower Upper  
146 100  
111 45.1 21.6 64.6  
148 63.4 31.0 93.0

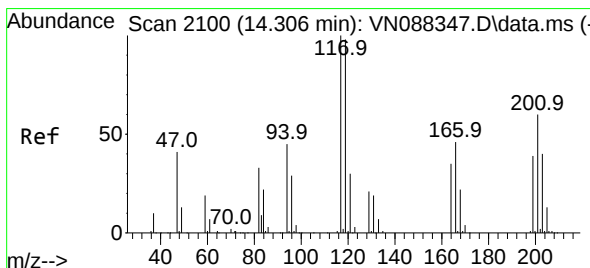
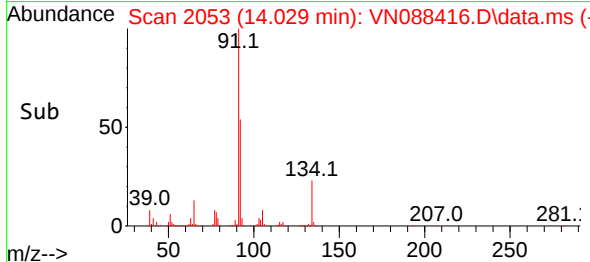
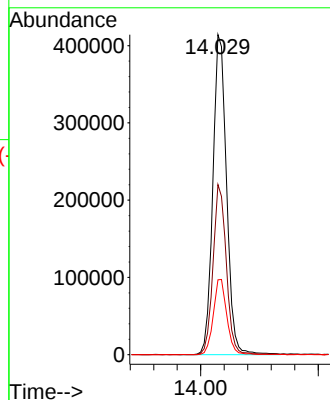
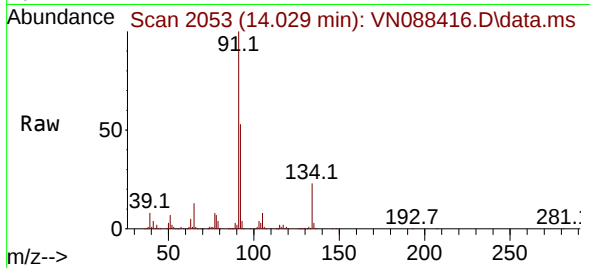




#89  
n-Butylbenzene  
Concen: 52.694 ug/l  
RT: 14.029 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

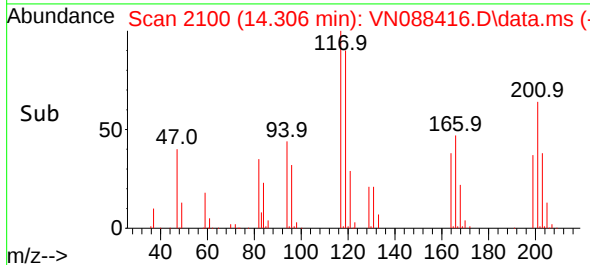
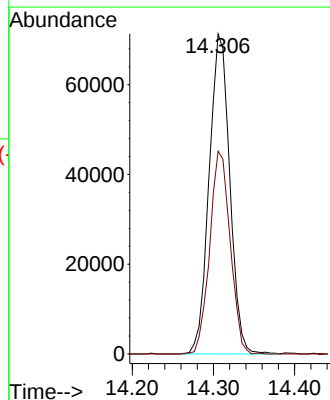
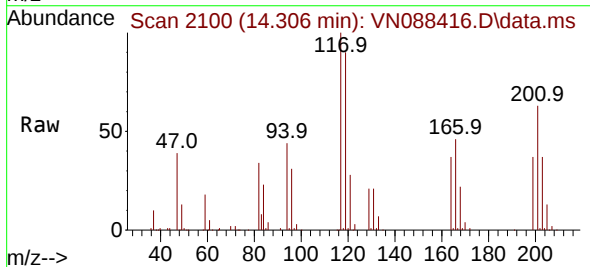
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ClientSampleId :  
VSTDCCC050

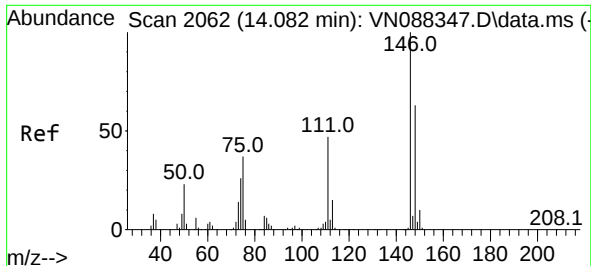
Tgt Ion: 91 Resp: 669720  
Ion Ratio Lower Upper  
91 100  
92 51.5 26.1 78.3  
134 23.2 11.7 35.1



#90  
Hexachloroethane  
Concen: 52.623 ug/l  
RT: 14.306 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: VN088416.D  
Acq: 03 Dec 2025 10:09

Tgt Ion: 117 Resp: 125835  
Ion Ratio Lower Upper  
117 100  
201 62.8 30.3 90.9

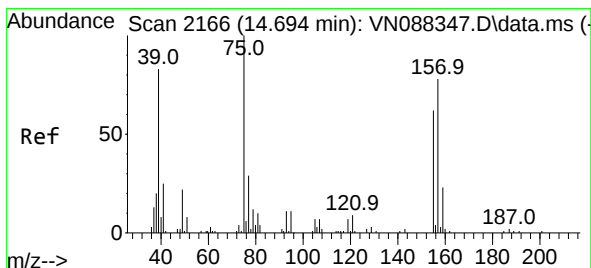
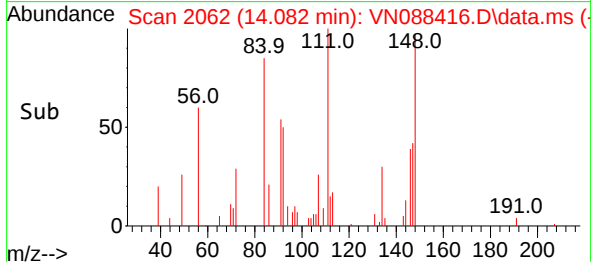
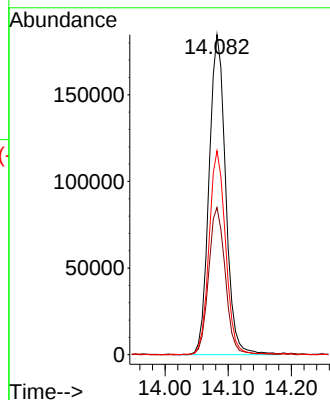
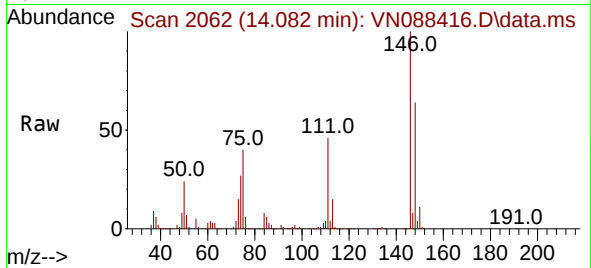




#91  
 1,2-Dichlorobenzene  
 Concen: 50.982 ug/l  
 RT: 14.082 min Scan# 2062  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

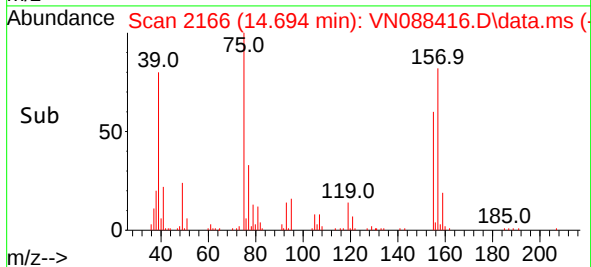
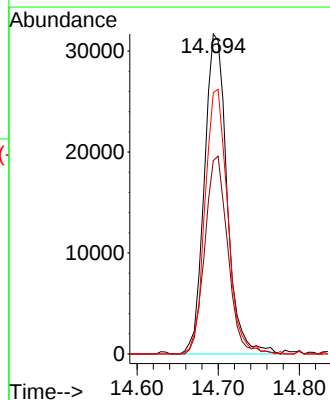
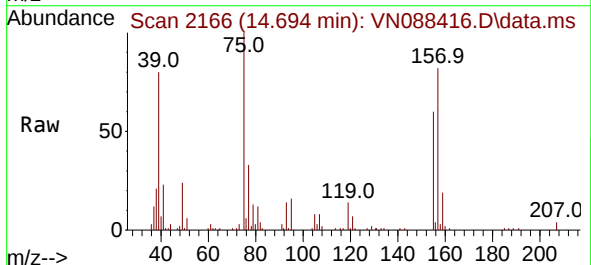
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 ClientSampleId :  
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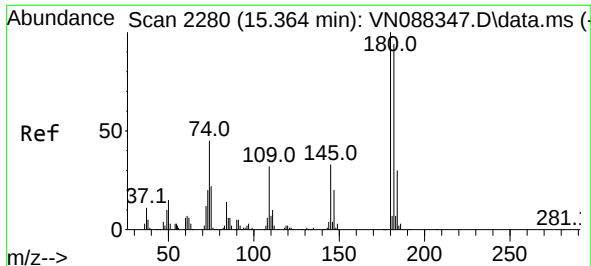
Tgt Ion:146 Resp: 337073  
 Ion Ratio Lower Upper  
 146 100  
 111 46.3 23.3 69.9  
 148 63.2 31.8 95.4



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.621 ug/l  
 RT: 14.694 min Scan# 2166  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion: 75 Resp: 61396  
 Ion Ratio Lower Upper  
 75 100  
 155 62.7 33.7 101.1  
 157 82.5 43.8 131.3

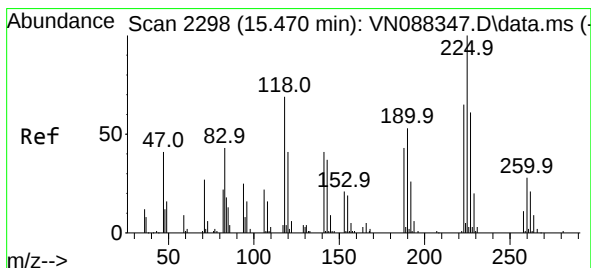
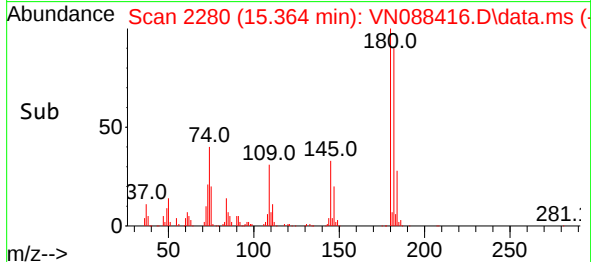
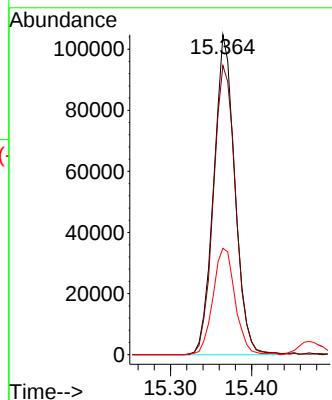
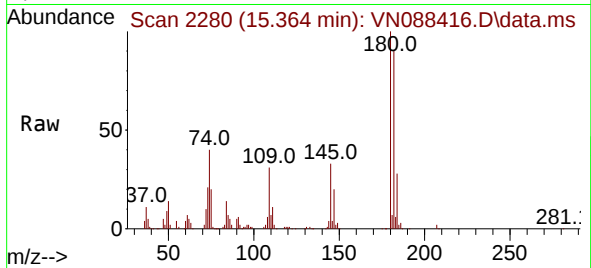




#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.260 ug/l  
 RT: 15.364 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

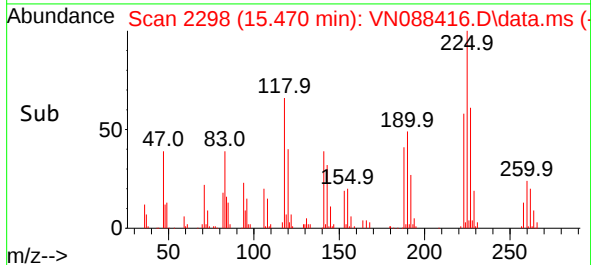
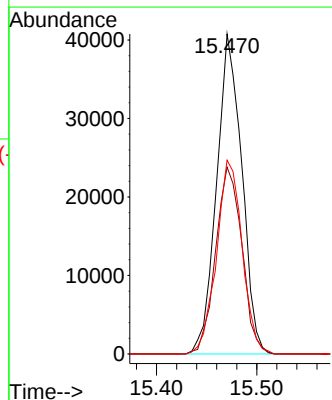
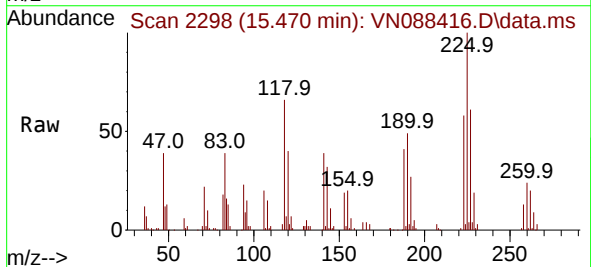
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

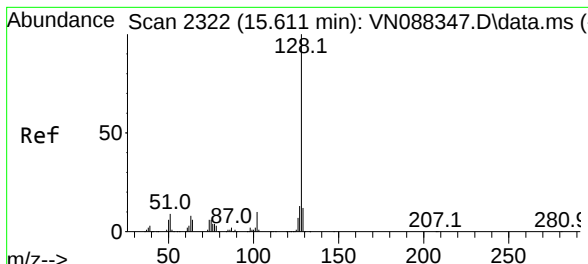
Tgt Ion:180 Resp: 189586  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 46.1 138.2  
 145 34.7 16.7 50.1



#94  
 Hexachlorobutadiene  
 Concen: 50.359 ug/l  
 RT: 15.470 min Scan# 2298  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Tgt Ion:225 Resp: 71090  
 Ion Ratio Lower Upper  
 225 100  
 223 60.9 32.3 96.8  
 227 61.7 29.9 89.8

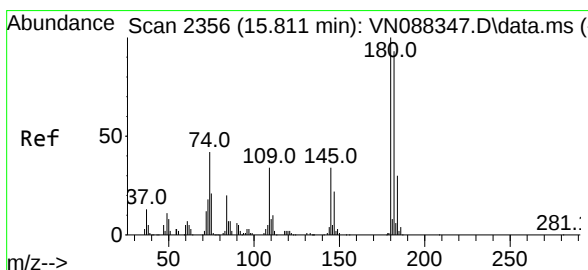
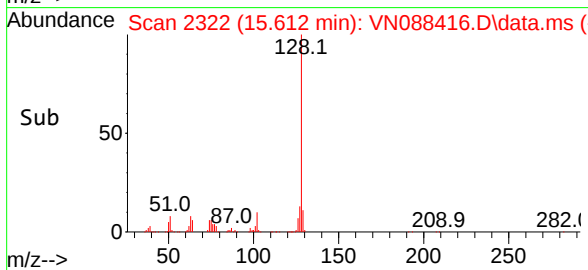
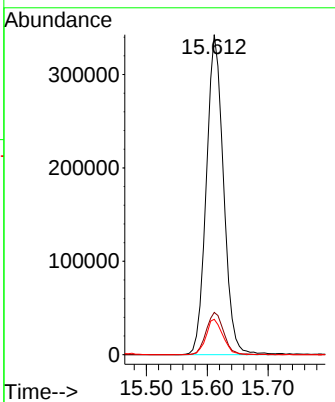
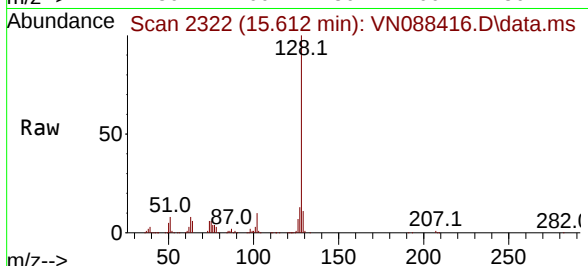




#95  
 Naphthalene  
 Concen: 49.297 ug/l  
 RT: 15.612 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 671069 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.4  | 15.6   |
| 129       | 10.9  | 9.0   | 13.6   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.073 ug/l  
 RT: 15.812 min Scan# 2356  
 Delta R.T. 0.000 min  
 Lab File: VN088416.D  
 Acq: 03 Dec 2025 10:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 187617 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 92.1  | 45.9  | 137.7  |
| 145       | 36.2  | 17.8  | 53.4   |

