

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082225\  
 Data File : VN087628.D  
 Acq On : 22 Aug 2025 09:16  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 25 01:14:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 263551   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 512519   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.847 | 117  | 469406   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 231212   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 243809   | 45.151   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 90.300% |
| 35) Dibromofluoromethane    | 8.153  | 113   | 167386   | 45.235   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.460% |
| 50) Toluene-d8              | 10.547 | 98    | 626019   | 45.200   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 90.400% |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 226882   | 46.063   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 92.120% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 178962  | 47.810  | ug/l   | 99  |
| 3) Chloromethane             | 2.383 | 50  | 179371  | 46.629  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.536 | 62  | 202072  | 45.306  | ug/l   | 100 |
| 5) Bromomethane              | 2.971 | 94  | 111672  | 48.524  | ug/l   | 99  |
| 6) Chloroethane              | 3.136 | 64  | 130298  | 41.565  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 288867  | 44.206  | ug/l   | 92  |
| 8) Diethyl Ether             | 3.965 | 74  | 118114  | 41.503  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 158251  | 42.799  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.583 | 142 | 108742  | 40.802  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 202310  | 215.812 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 158428  | 41.695  | ug/l   | 100 |
| 13) Acrolein                 | 4.171 | 56  | 253092  | 219.612 | ug/l   | 99  |
| 14) Allyl chloride           | 5.012 | 41  | 283826  | 41.220  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.706 | 53  | 544042  | 205.781 | ug/l   | 98  |
| 16) Acetone                  | 4.418 | 43  | 581744  | 197.905 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.706 | 76  | 456685  | 43.658  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.012 | 43  | 253564  | 41.198  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.783 | 73  | 612835  | 42.993  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.265 | 84  | 186510  | 43.710  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.765 | 96  | 170025  | 41.287  | ug/l   | 90  |
| 22) Diisopropyl ether        | 6.659 | 45  | 643613  | 43.314  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.588 | 43  | 2981406 | 220.536 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.547 | 63  | 337421  | 41.415  | ug/l   | 96  |
| 25) 2-Butanone               | 7.465 | 43  | 787767  | 203.700 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 304053  | 43.482  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 203556  | 41.347  | ug/l   | 93  |
| 28) Bromochloromethane       | 7.794 | 49  | 175596  | 44.582  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 514872  | 206.874 | ug/l   | 99  |
| 30) Chloroform               | 7.947 | 83  | 352352  | 42.371  | ug/l   | 100 |
| 31) Cyclohexane              | 8.235 | 56  | 288814  | 42.523  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 8.153 | 97  | 296972  | 42.139  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 237727  | 41.877  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.547 | 43  | 315803  | 40.711  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.341 | 117 | 250390  | 44.673  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.582 | 83  | 266660  | 42.666  | ug/l   | 99  |
| 40) Benzene                  | 8.588 | 78  | 748721  | 43.001  | ug/l   | 97  |

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

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 25 01:14:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.759  | 41   | 168685   | 41.979  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 282857   | 42.274  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 520916   | 43.011  | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 167027   | 42.017  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 191348   | 41.692  | ug/l   | 97       |
| 46) Dibromomethane            | 9.688  | 93   | 139677   | 42.767  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.871  | 83   | 286639   | 42.823  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.659  | 41   | 247415   | 43.189  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 67573    | 910.061 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 1566167  | 214.333 | ug/l   | 99       |
| 52) Toluene                   | 10.606 | 92   | 460243   | 42.638  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 309661   | 44.694  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 318132   | 44.222  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 178160   | 42.666  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 304710   | 45.661  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 318776   | 43.136  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 770085   | 213.205 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 1085409  | 235.033 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.335 | 129  | 204847   | 42.338  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 189916   | 43.133  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.082 | 164  | 131985   | 40.527  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.870 | 112  | 494765   | 42.367  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 168958   | 43.580  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.941 | 91   | 894026   | 44.216  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.053 | 106  | 671405   | 90.541  | ug/l   | 99       |
| 69) o-Xylene                  | 12.376 | 106  | 318048   | 43.765  | ug/l   | 98       |
| 70) Styrene                   | 12.388 | 104  | 559152   | 45.927  | ug/l   | 98       |
| 71) Bromoform                 | 12.559 | 173  | 135189   | 45.467  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.676 | 105  | 831157   | 44.486  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 245153   | 34.624  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 274026   | 42.601  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 369231   | 68.098  | ug/l   | 63       |
| 77) Bromobenzene              | 12.959 | 156  | 196205   | 44.539  | ug/l   | 99       |
| 78) n-propylbenzene           | 13.012 | 91   | 1050162  | 45.633  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 619641   | 44.742  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 708107   | 44.677  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 94913    | 46.343  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 641958   | 44.088  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 589351   | 44.622  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 731327   | 46.093  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 889721   | 45.394  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 726821   | 44.908  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 372290   | 42.915  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 377265   | 41.789  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.035 | 91   | 718281   | 44.686  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.311 | 117  | 137228   | 44.505  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 352610   | 42.844  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 62345    | 40.800  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 209019   | 42.293  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 72416    | 41.101  | ug/l   | 98       |
| 95) Naphthalene               | 15.611 | 128  | 746235   | 42.629  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 202223   | 41.855  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082225\  
Data File : VN087628.D  
Acq On : 22 Aug 2025 09:16  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 2 Sample Multiplier: 1

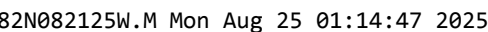
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

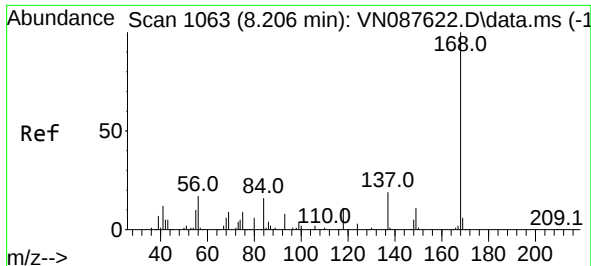
Quant Time: Aug 25 01:14:35 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration

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

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

Quant Time: Aug 25 01:14:35 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

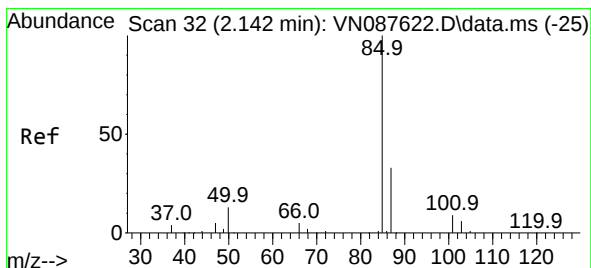
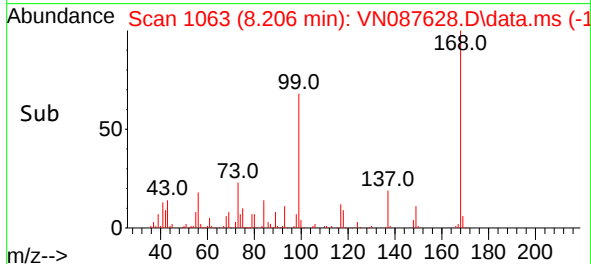
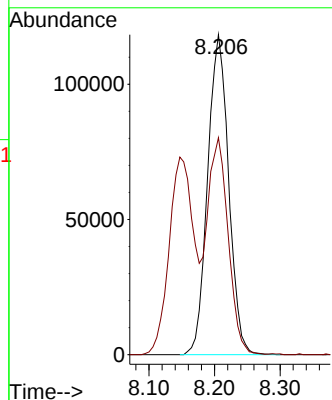
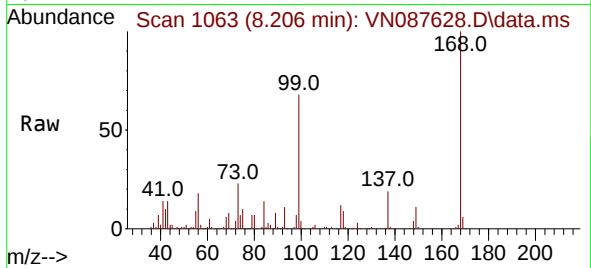




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

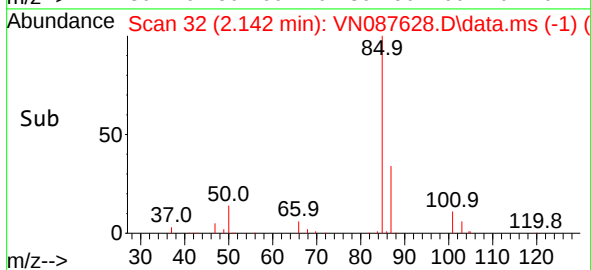
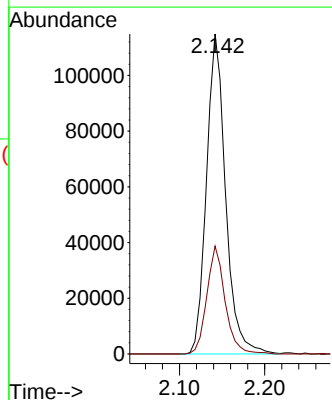
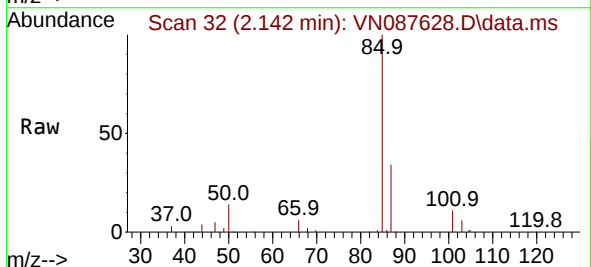
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

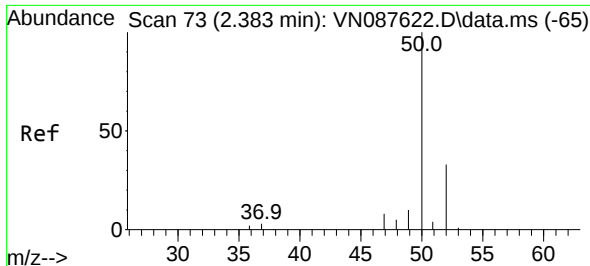
Tgt Ion:168 Resp: 263551  
Ion Ratio Lower Upper  
168 100  
99 67.6 57.2 85.8



#2  
Dichlorodifluoromethane  
Concen: 47.810 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 85 Resp: 178962  
Ion Ratio Lower Upper  
85 100  
87 33.7 16.6 49.8

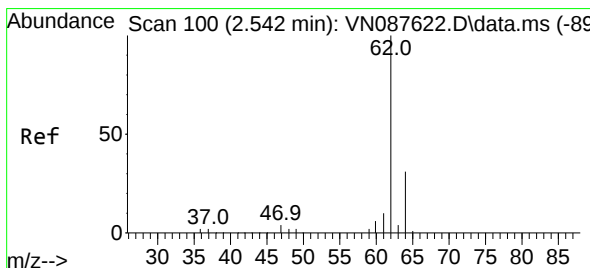
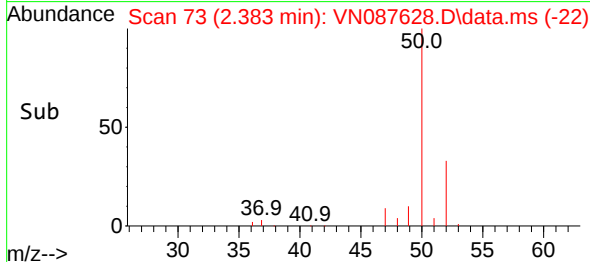
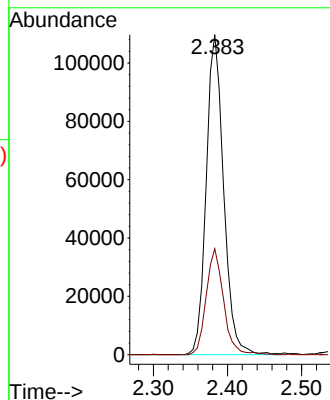
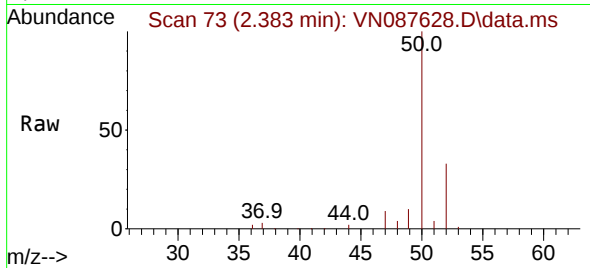




#3  
Chloromethane  
Concen: 46.629 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

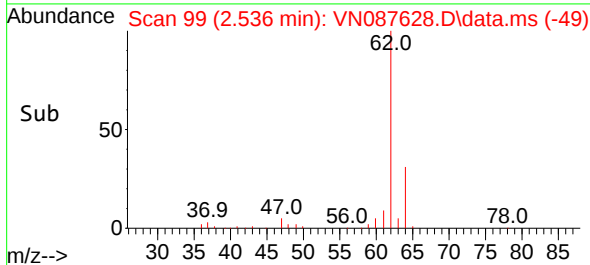
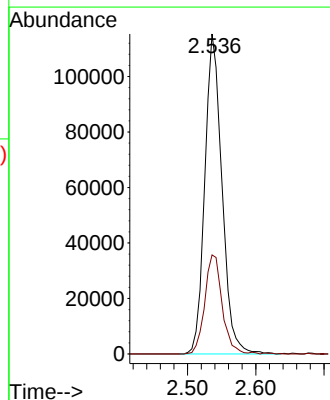
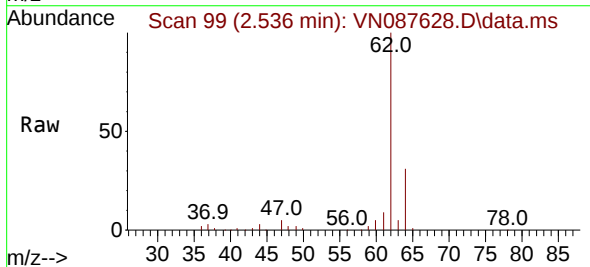
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

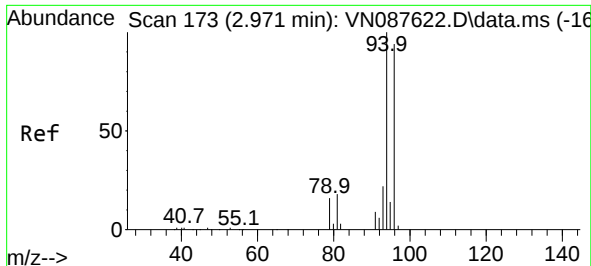
Tgt Ion: 50 Resp: 179371  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.2 39.4



#4  
Vinyl Chloride  
Concen: 45.306 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 62 Resp: 202072  
Ion Ratio Lower Upper  
62 100  
64 30.9 24.6 37.0

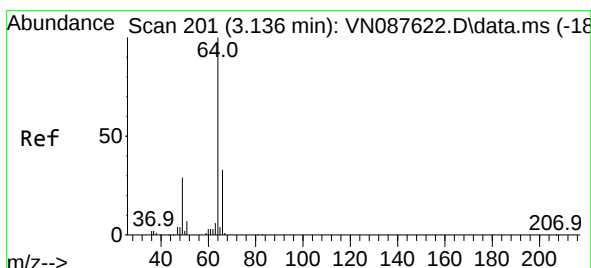
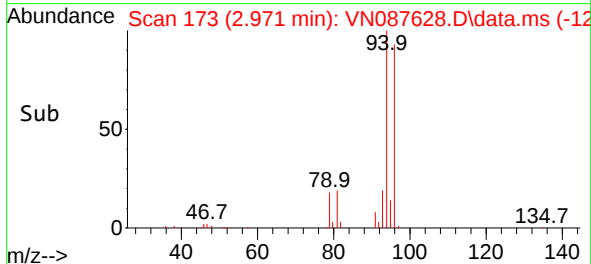
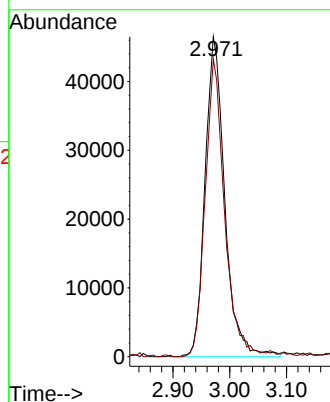
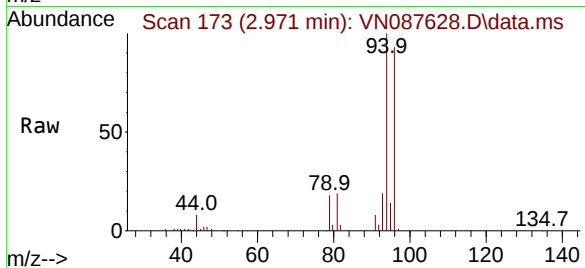




#5  
Bromomethane  
Concen: 48.524 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

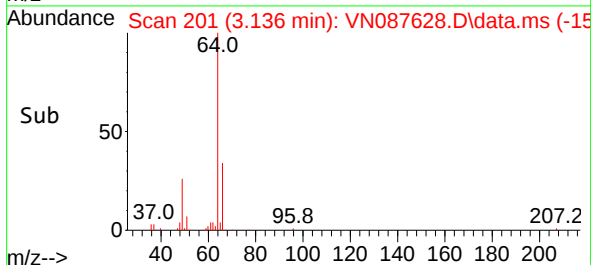
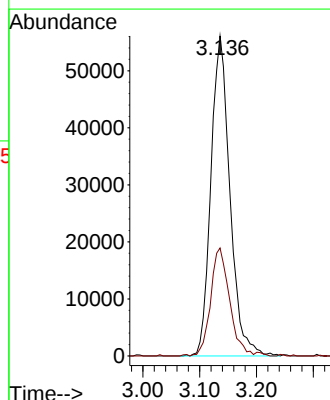
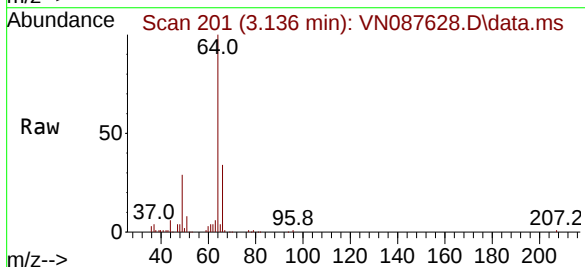
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

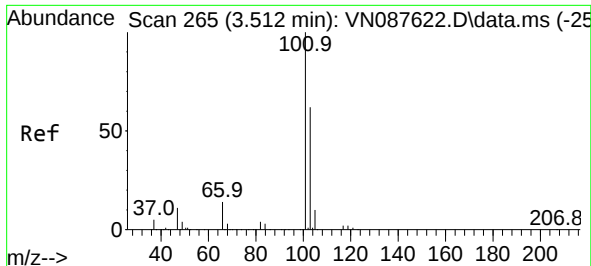
Tgt Ion: 94 Resp: 111672  
Ion Ratio Lower Upper  
94 100  
96 92.9 75.4 113.2



#6  
Chloroethane  
Concen: 41.565 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 64 Resp: 130298  
Ion Ratio Lower Upper  
64 100  
66 33.7 26.2 39.2

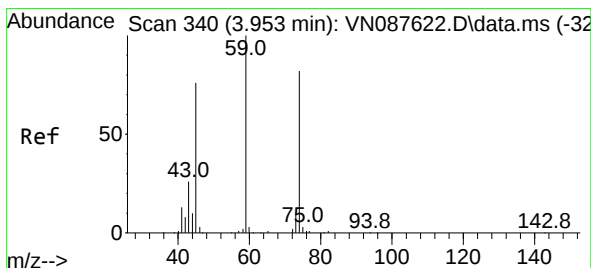
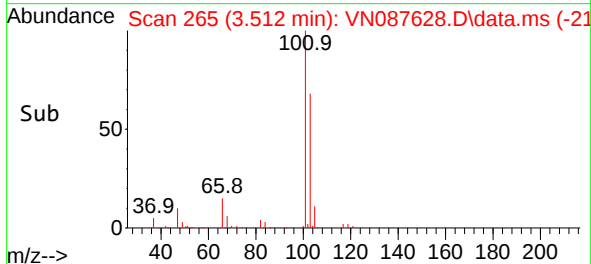
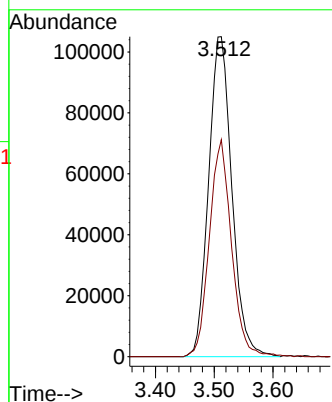
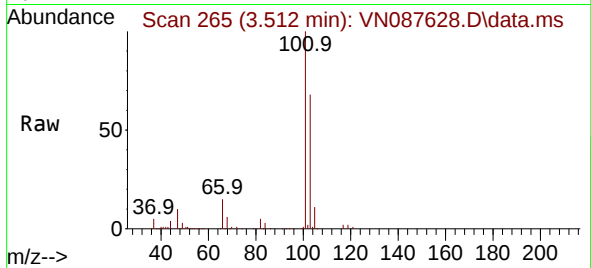




#7  
 Trichlorofluoromethane  
 Concen: 44.206 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

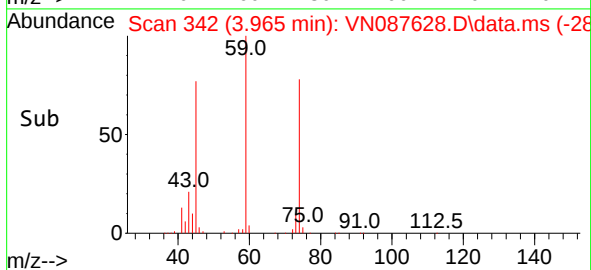
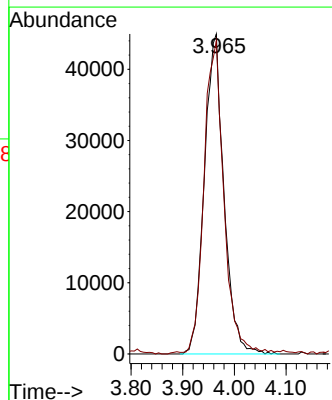
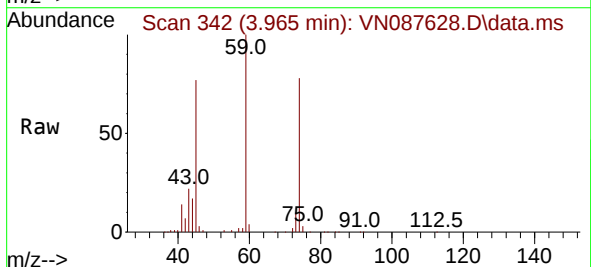
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

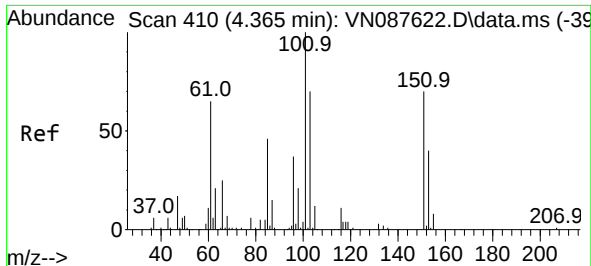
Tgt Ion:101 Resp: 288867  
 Ion Ratio Lower Upper  
 101 100  
 103 67.8 49.4 74.0



#8  
 Diethyl Ether  
 Concen: 41.503 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.012 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion: 74 Resp: 118114  
 Ion Ratio Lower Upper  
 74 100  
 45 97.5 50.6 151.9

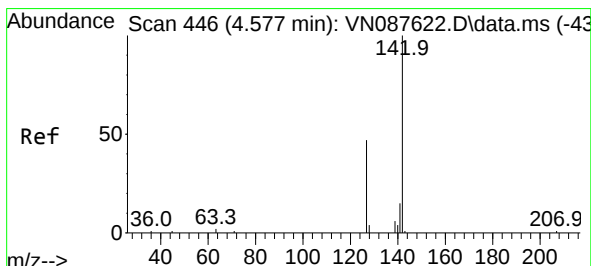
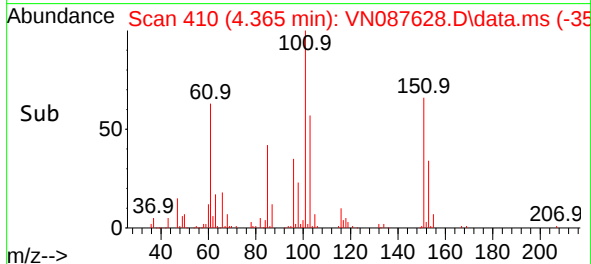
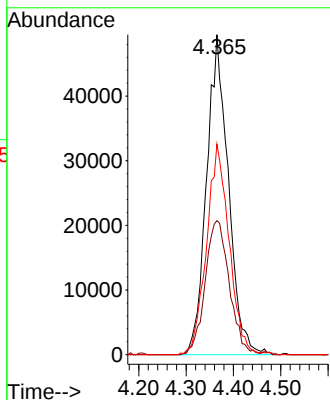
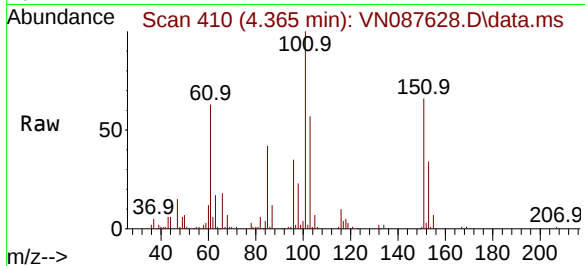




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.799 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

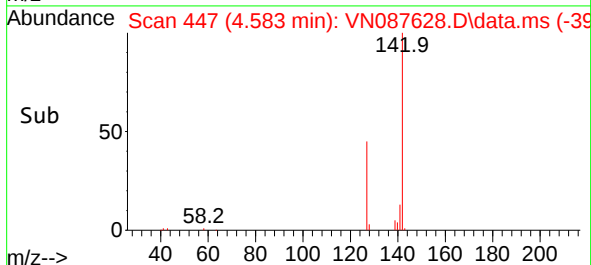
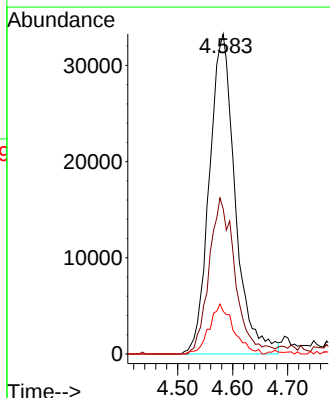
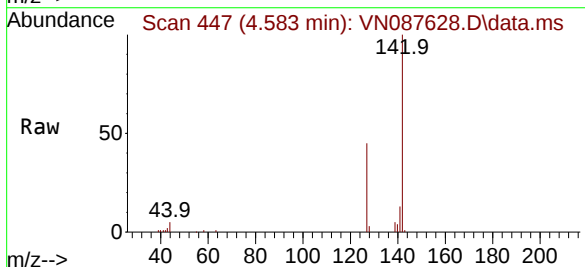
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

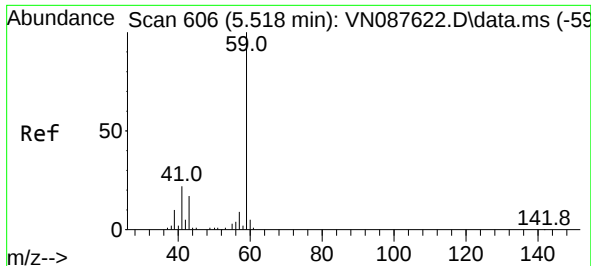
Tgt Ion:101 Resp: 158251  
Ion Ratio Lower Upper  
101 100  
85 46.4 36.6 55.0  
151 68.0 54.7 82.1



#10  
Methyl Iodide  
Concen: 40.802 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:142 Resp: 108742  
Ion Ratio Lower Upper  
142 100  
127 45.4 38.0 57.0  
141 13.4 12.0 18.0

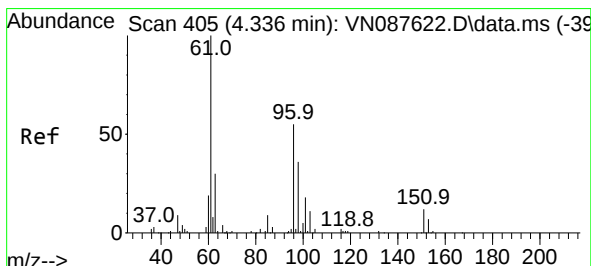
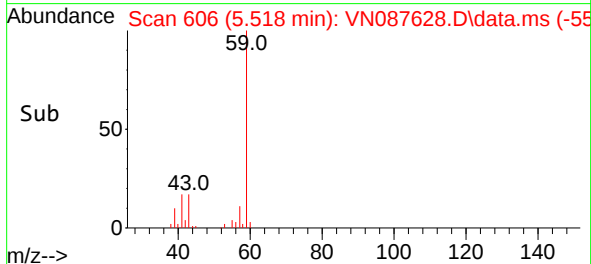
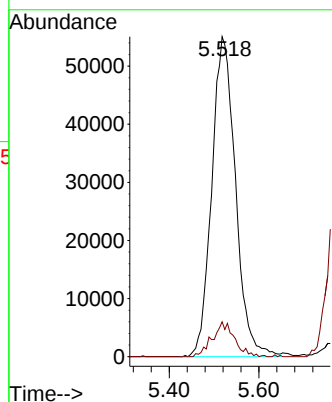
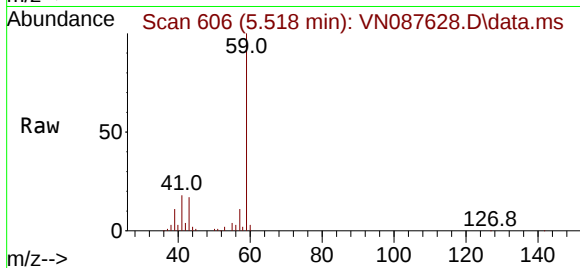




#11  
Tert butyl alcohol  
Concen: 215.812 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

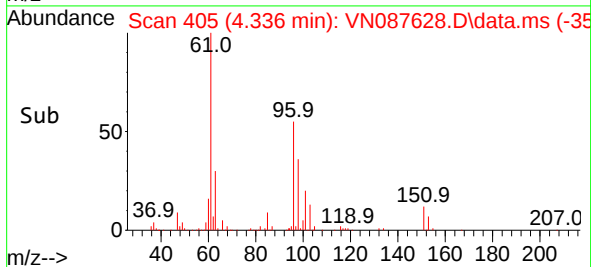
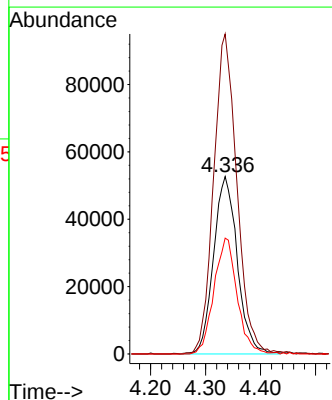
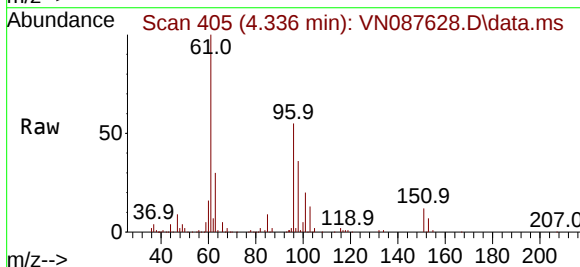
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

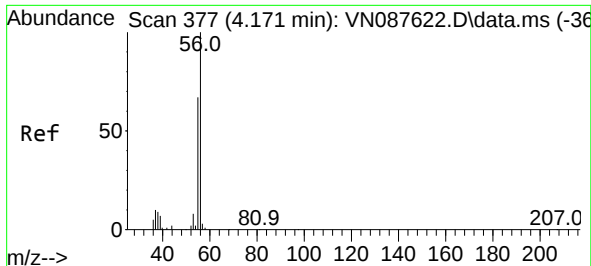
Tgt Ion: 59 Resp: 202310  
Ion Ratio Lower Upper  
59 100  
57 10.1 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 41.695 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 96 Resp: 158428  
Ion Ratio Lower Upper  
96 100  
61 180.4 143.8 215.8  
98 65.3 52.1 78.1

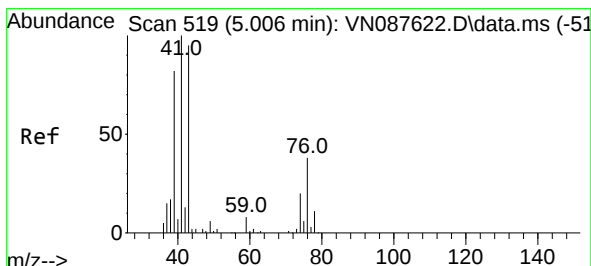
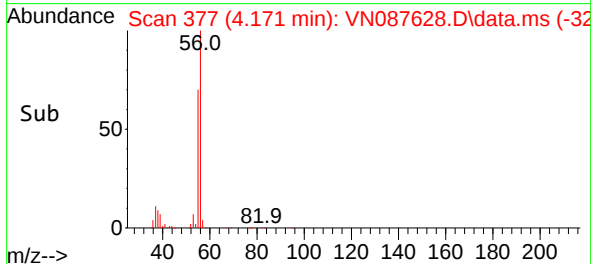
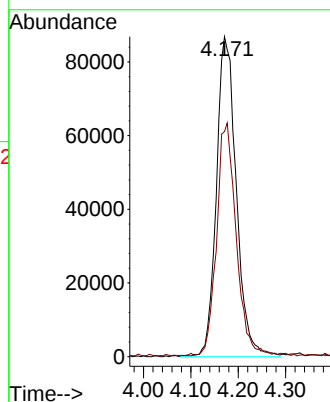
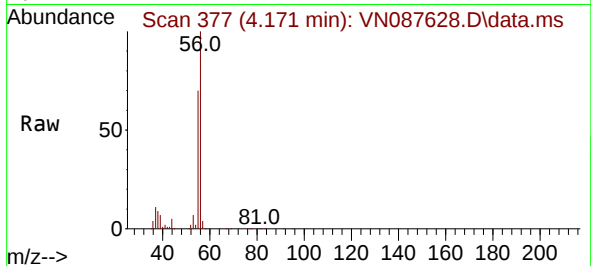




#13  
Acrolein  
Concen: 219.612 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

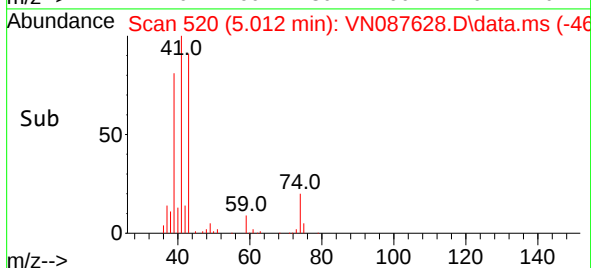
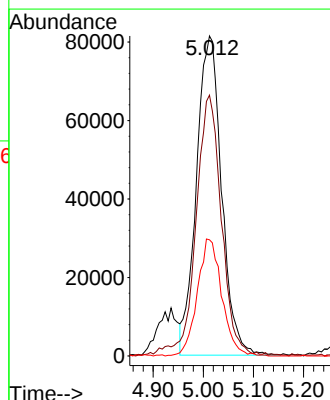
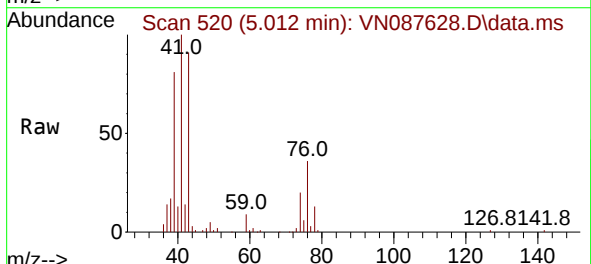
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

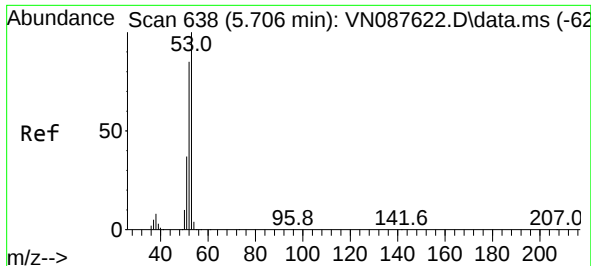
Tgt Ion: 56 Resp: 253092  
Ion Ratio Lower Upper  
56 100  
55 71.1 57.3 85.9



#14  
Allyl chloride  
Concen: 41.220 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 41 Resp: 283826  
Ion Ratio Lower Upper  
41 100  
39 82.9 63.9 95.9  
76 35.8 28.1 42.1

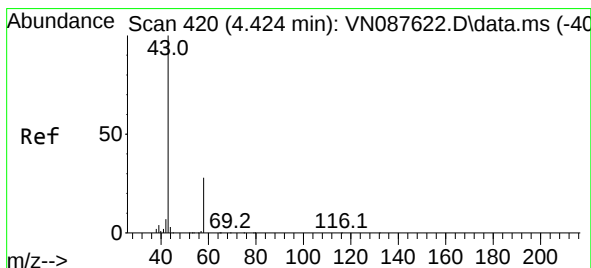
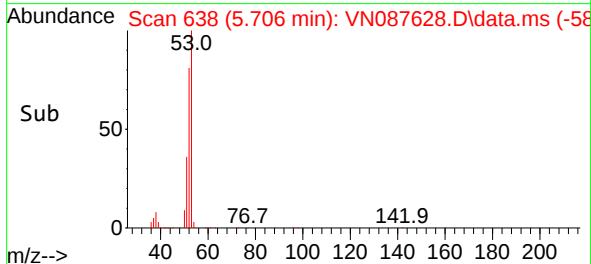
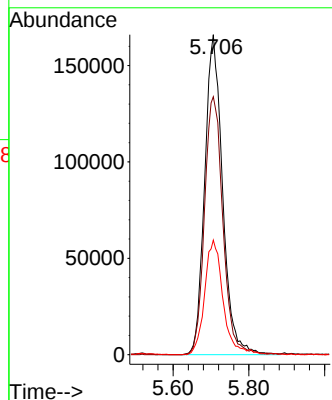
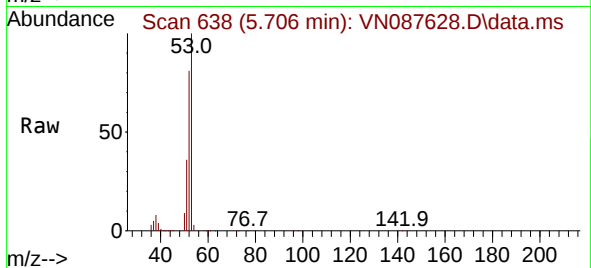




#15  
Acrylonitrile  
Concen: 205.781 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

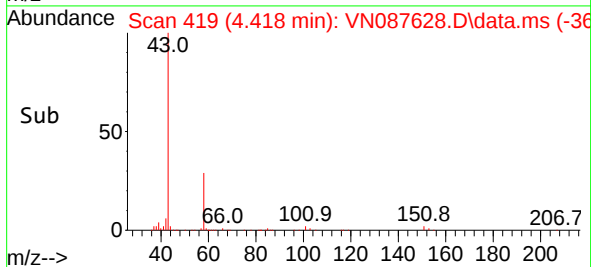
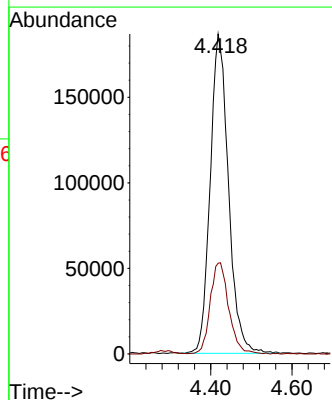
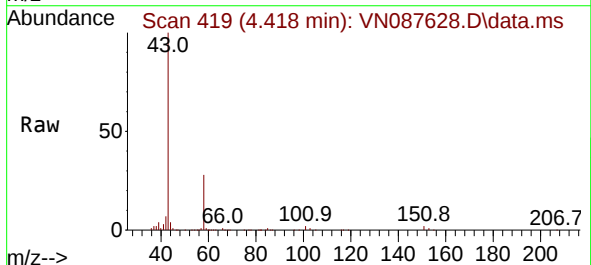
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

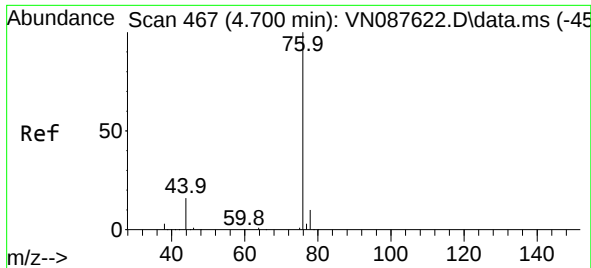
Tgt Ion: 53 Resp: 544042  
Ion Ratio Lower Upper  
53 100  
52 82.7 67.6 101.4  
51 36.9 30.1 45.1



#16  
Acetone  
Concen: 197.905 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 43 Resp: 581744  
Ion Ratio Lower Upper  
43 100  
58 28.4 22.6 33.8

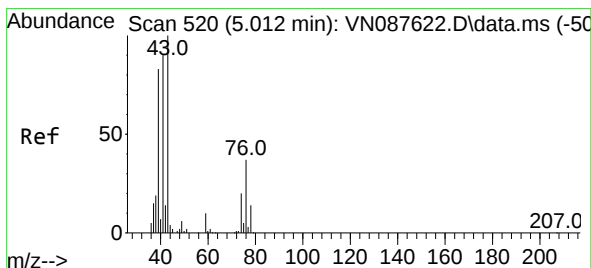
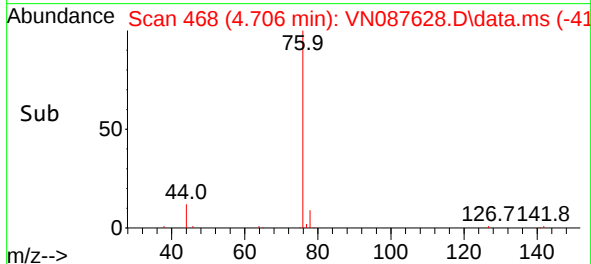
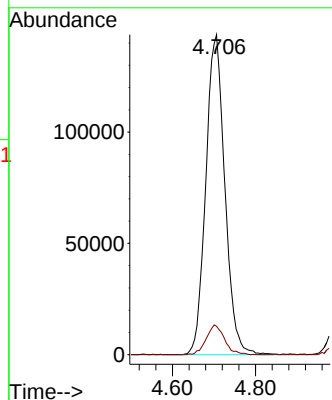
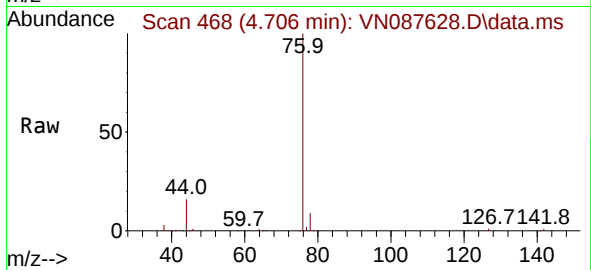




#17  
Carbon Disulfide  
Concen: 43.658 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

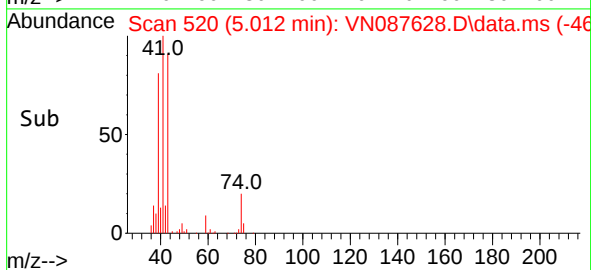
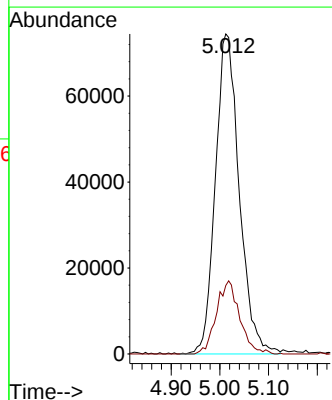
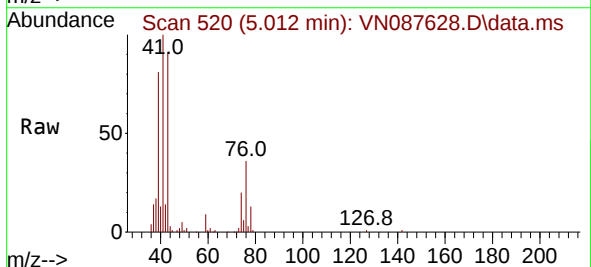
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

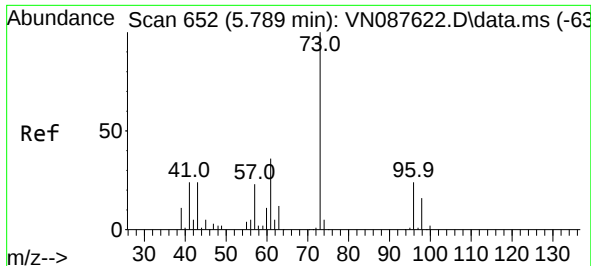
Tgt Ion: 76 Resp: 456685  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.6 11.4



#18  
Methyl Acetate  
Concen: 41.198 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 43 Resp: 253564  
Ion Ratio Lower Upper  
43 100  
74 22.3 17.6 26.4

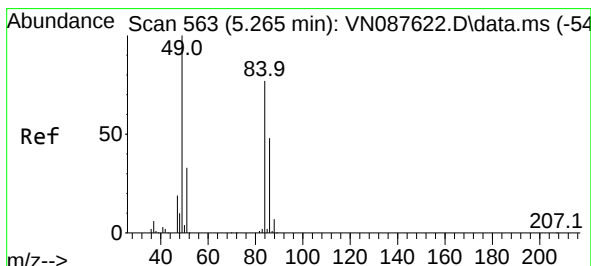
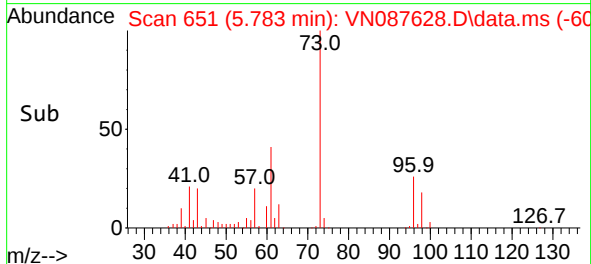
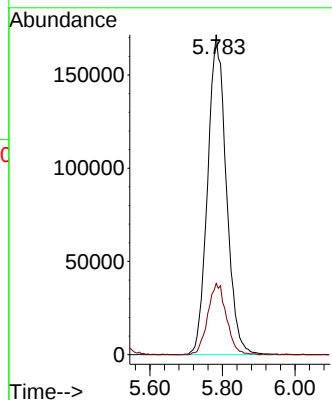
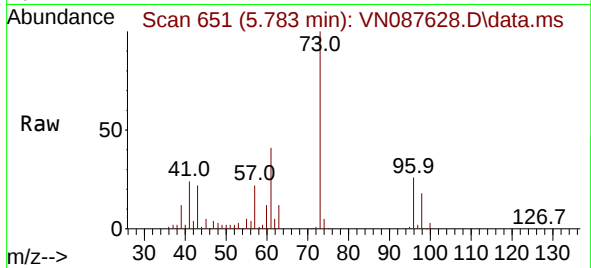




#19  
Methyl tert-butyl Ether  
Concen: 42.993 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

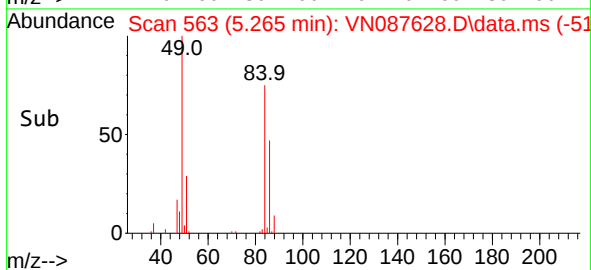
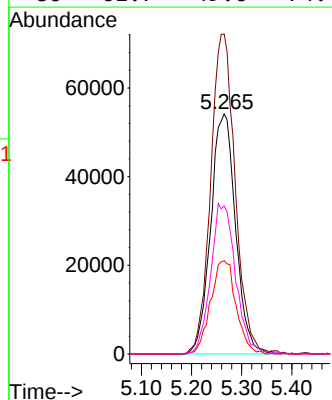
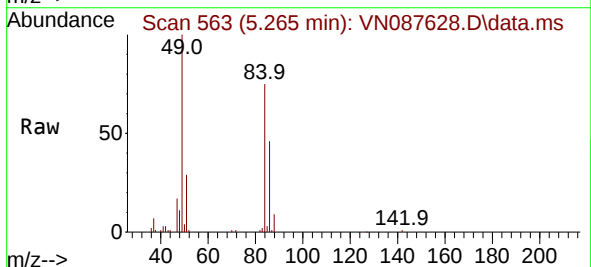
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

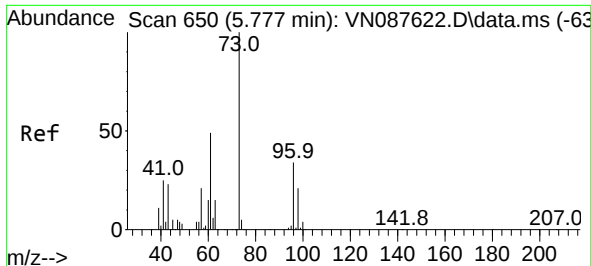
Tgt Ion: 73 Resp: 612835  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.4 27.6



#20  
Methylene Chloride  
Concen: 43.710 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 84 Resp: 186510  
Ion Ratio Lower Upper  
84 100  
49 133.4 103.4 155.2  
51 38.9 33.8 50.8  
86 61.7 49.6 74.4

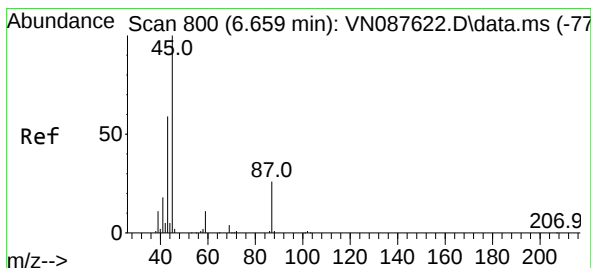
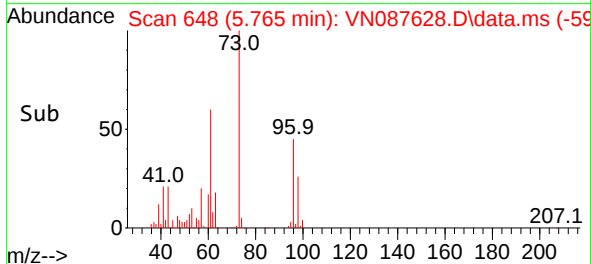
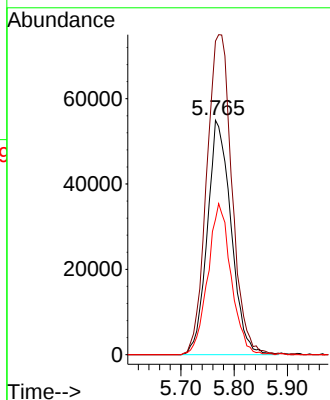
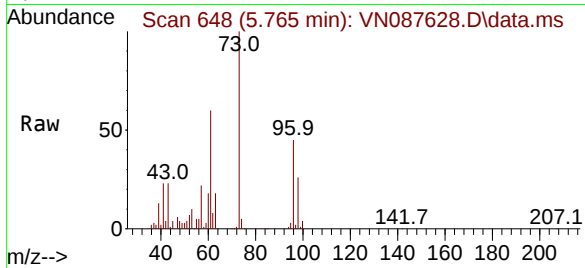




#21  
trans-1,2-Dichloroethene  
Concen: 41.287 ug/l  
RT: 5.765 min Scan# 64  
Delta R.T. -0.012 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

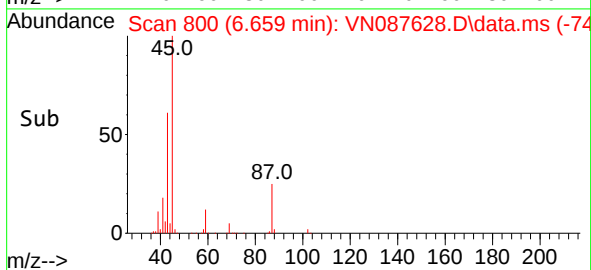
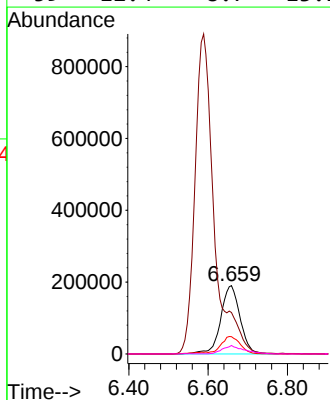
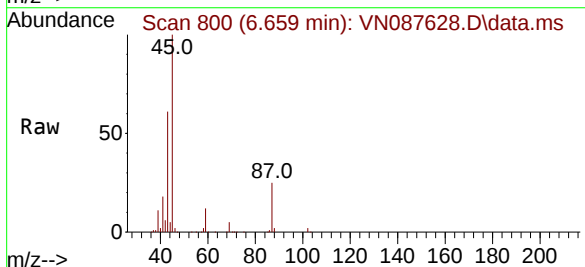
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

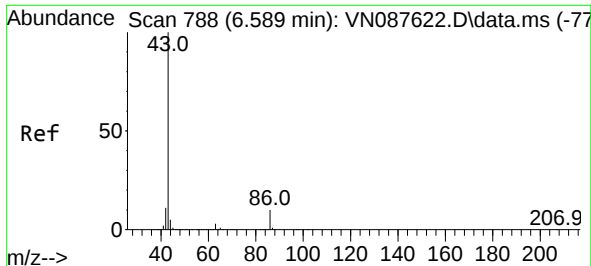
Tgt Ion: 96 Resp: 170025  
Ion Ratio Lower Upper  
96 100  
61 133.8 118.0 177.0  
98 57.7 50.0 75.0



#22  
Diisopropyl ether  
Concen: 43.314 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 45 Resp: 643613  
Ion Ratio Lower Upper  
45 100  
43 59.9 47.7 71.5  
87 25.2 21.4 32.0  
59 12.4 8.7 13.1

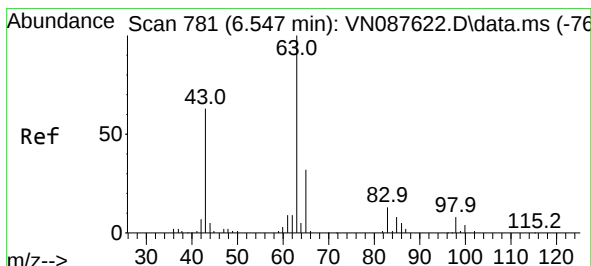
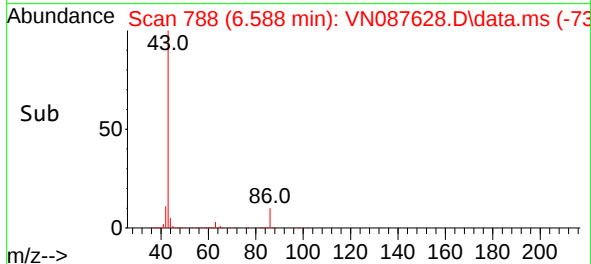
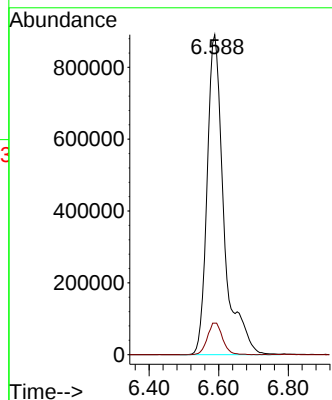
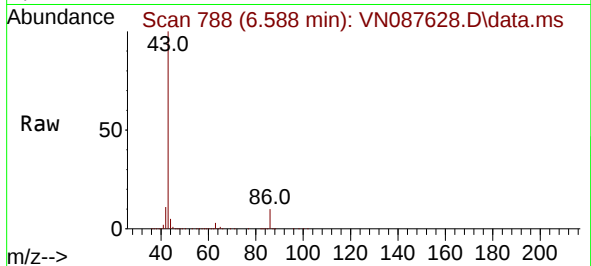




#23  
 Vinyl Acetate  
 Concen: 220.536 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

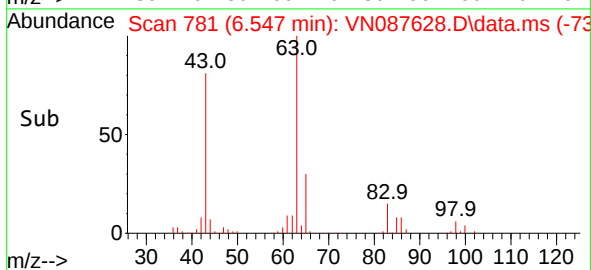
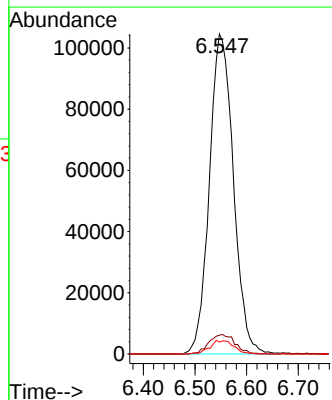
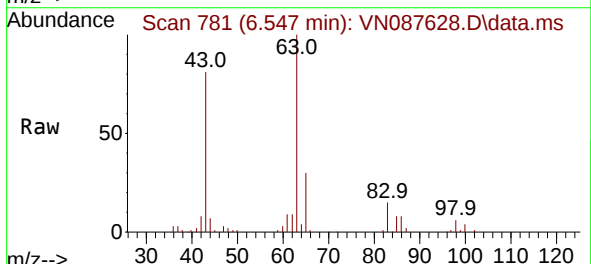
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

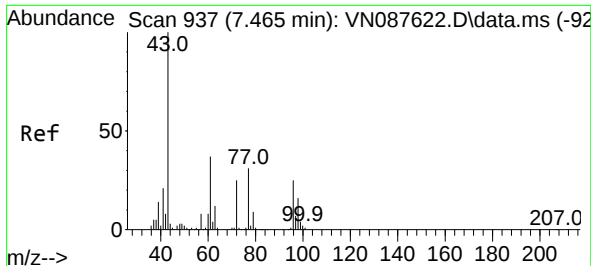
Tgt Ion: 43 Resp: 2981406  
 Ion Ratio Lower Upper  
 43 100  
 86 9.9 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 41.415 ug/l  
 RT: 6.547 min Scan# 781  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion: 63 Resp: 337421  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.8 11.4  
 100 3.7 2.0 6.0

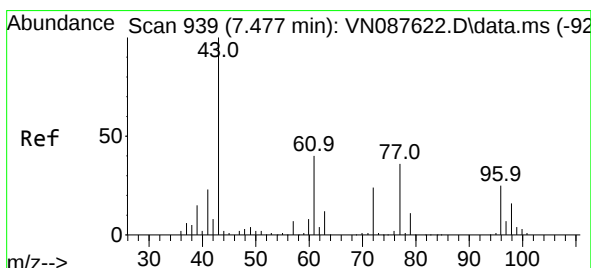
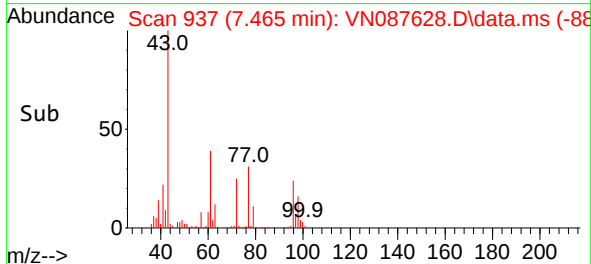
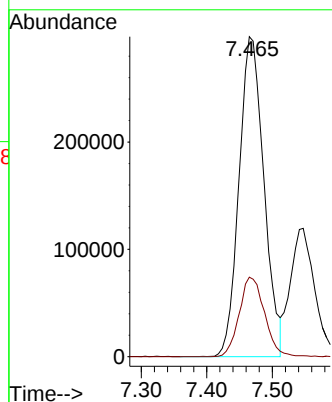
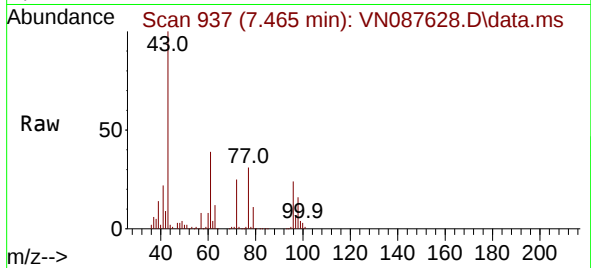




#25  
2-Butanone  
Concen: 203.700 ug/l  
RT: 7.465 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

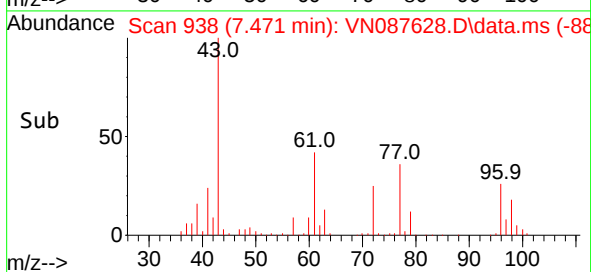
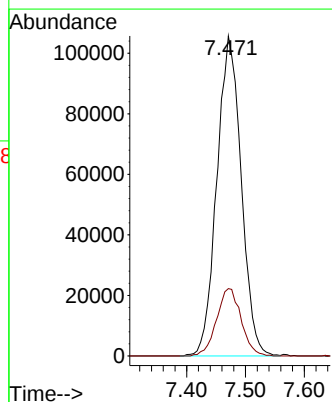
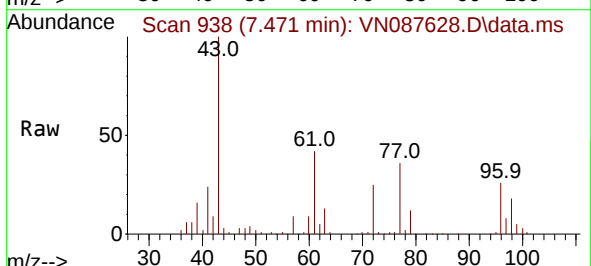
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

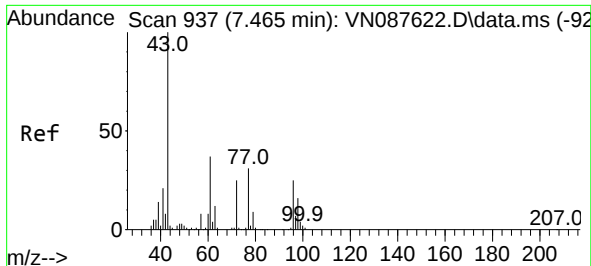
Tgt Ion: 43 Resp: 787767  
Ion Ratio Lower Upper  
43 100  
72 24.8 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 43.482 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 77 Resp: 304053  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.9 32.7

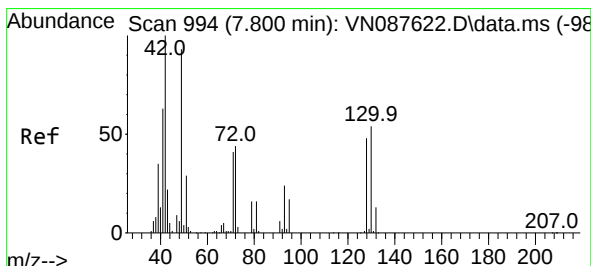
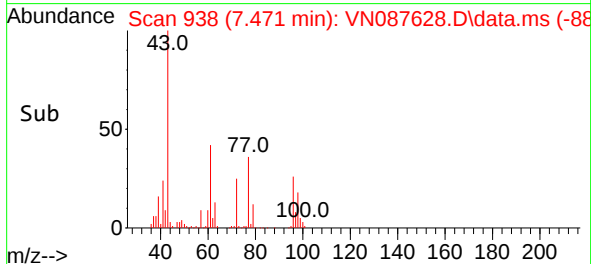
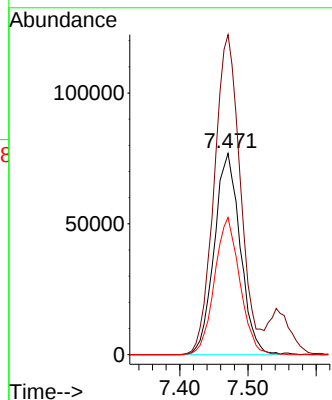
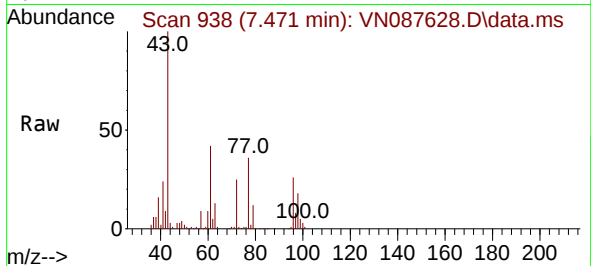




#27  
 cis-1,2-Dichloroethene  
 Concen: 41.347 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

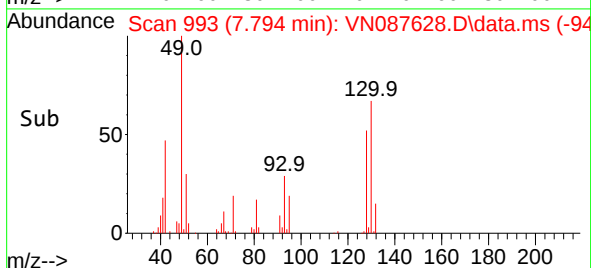
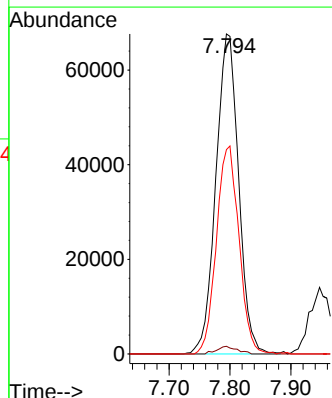
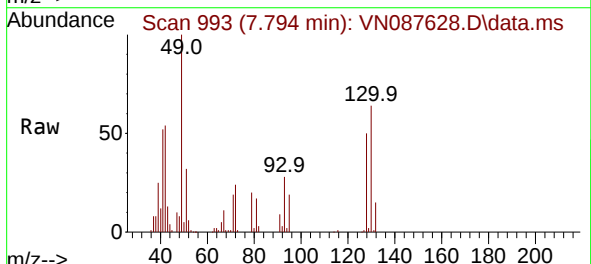
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

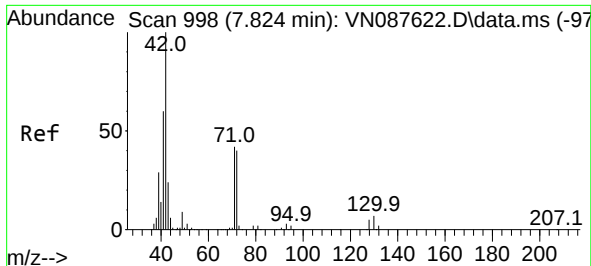
Tgt Ion: 96 Resp: 203556  
 Ion Ratio Lower Upper  
 96 100  
 61 161.4 0.0 301.8  
 98 66.7 0.0 126.2



#28  
 Bromochloromethane  
 Concen: 44.582 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion: 49 Resp: 175596  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 3.0  
 130 64.4 53.1 79.7

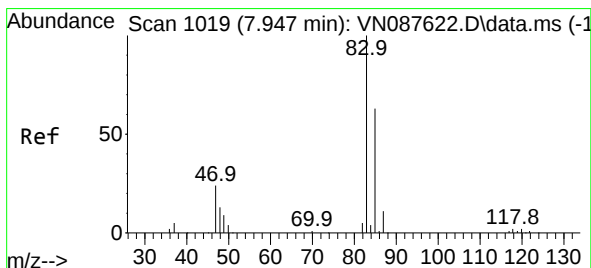
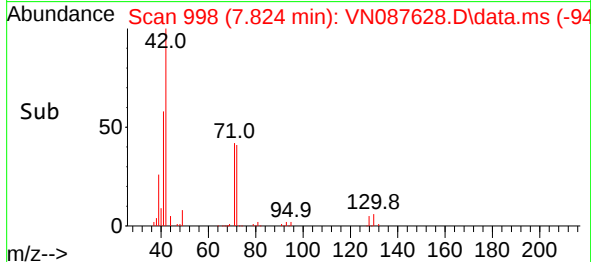
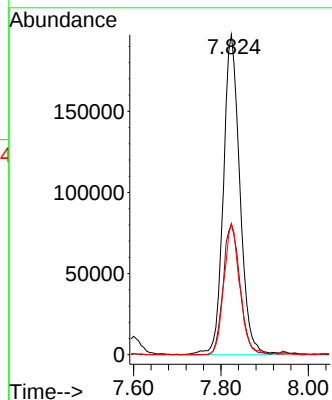
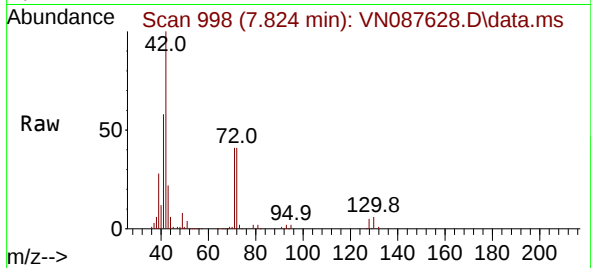




#29  
Tetrahydrofuran  
Concen: 206.874 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

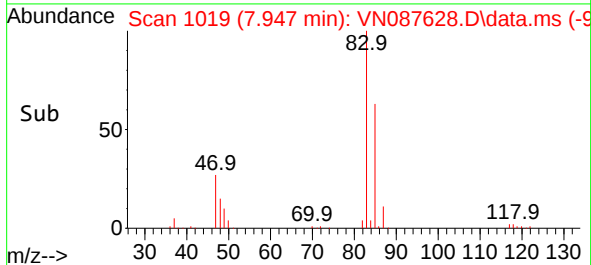
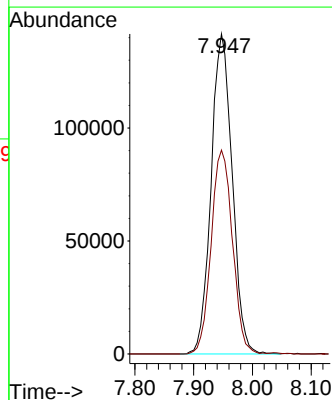
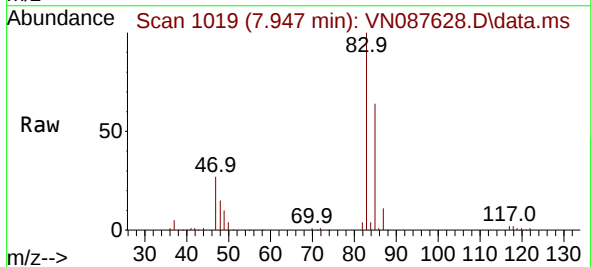
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

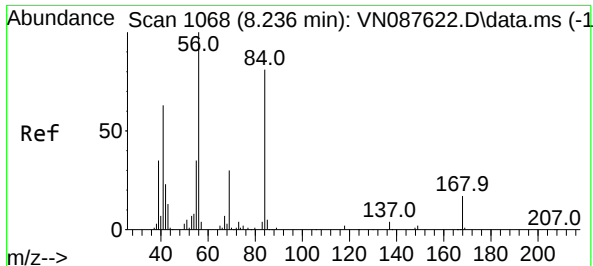
Tgt Ion: 42 Resp: 514872  
Ion Ratio Lower Upper  
42 100  
72 41.5 33.7 50.5  
71 39.7 31.9 47.9



#30  
Chloroform  
Concen: 42.371 ug/l  
RT: 7.947 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 83 Resp: 352352  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.7 76.1

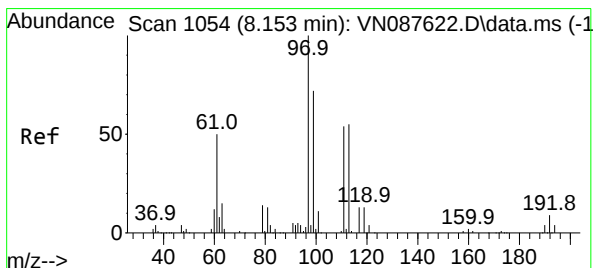
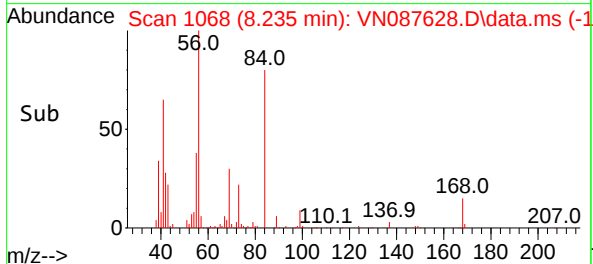
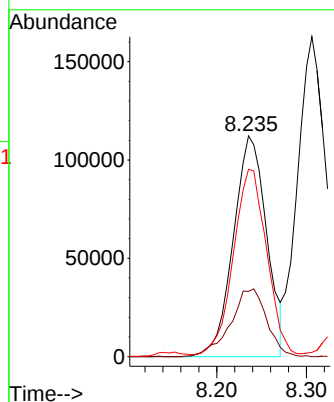
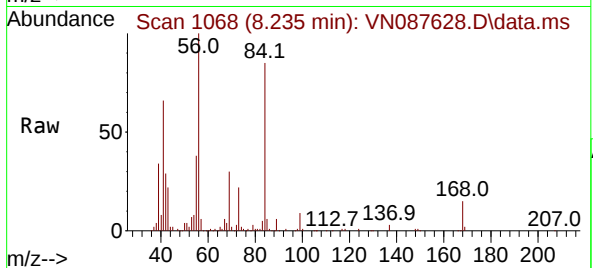




#31  
Cyclohexane  
Concen: 42.523 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

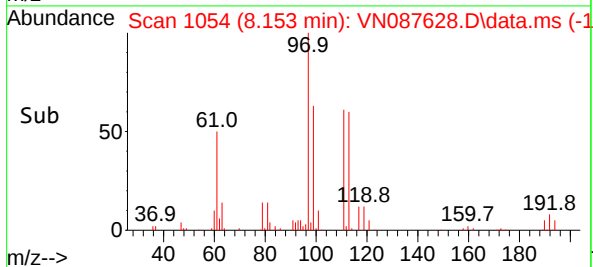
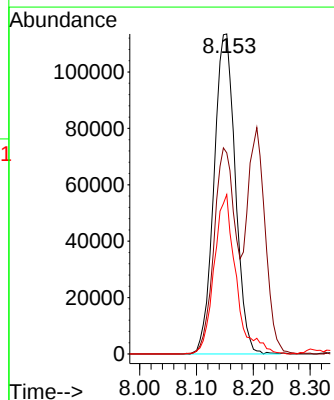
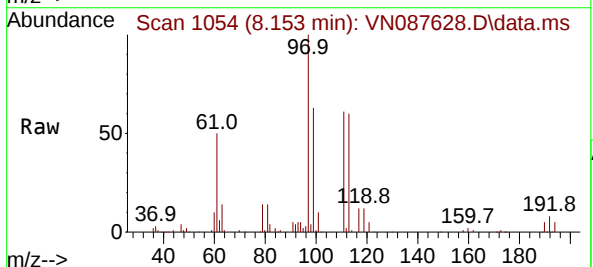
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

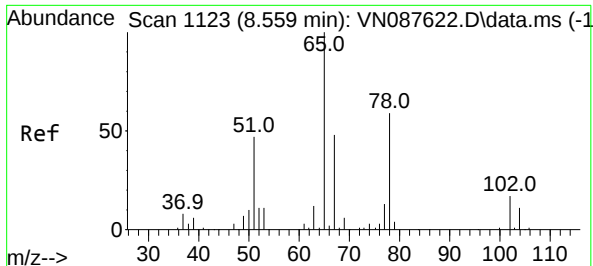
Tgt Ion: 56 Resp: 288814  
Ion Ratio Lower Upper  
56 100  
69 29.5 23.7 35.5  
84 83.5 64.7 97.1



#32  
1,1,1-Trichloroethane  
Concen: 42.139 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 97 Resp: 296972  
Ion Ratio Lower Upper  
97 100  
99 63.8 52.2 78.2  
61 50.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 45.151 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

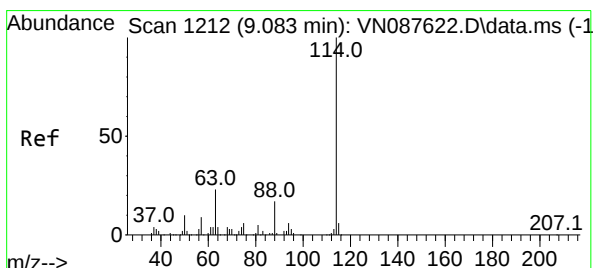
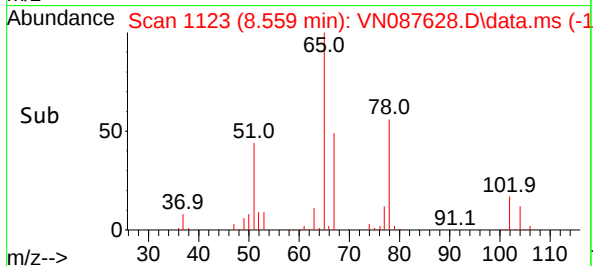
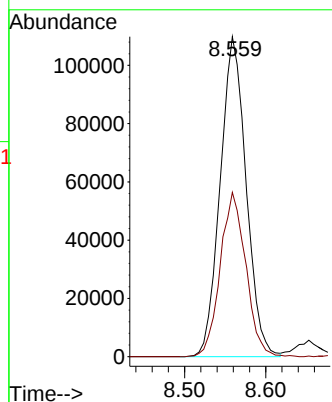
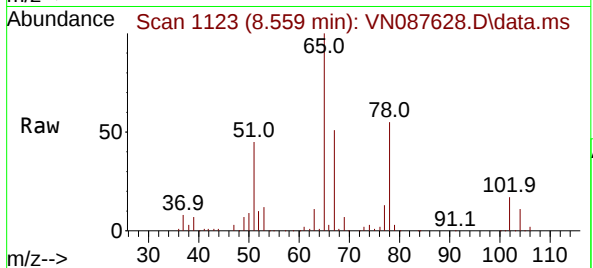
VSTDCCC050

Tgt Ion: 65 Resp: 243809

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

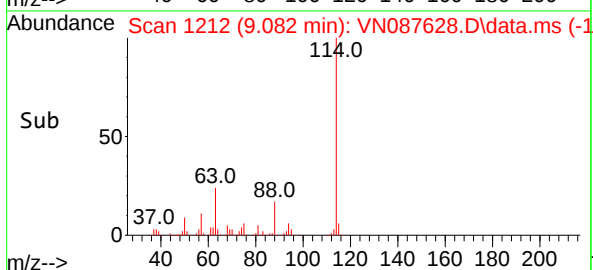
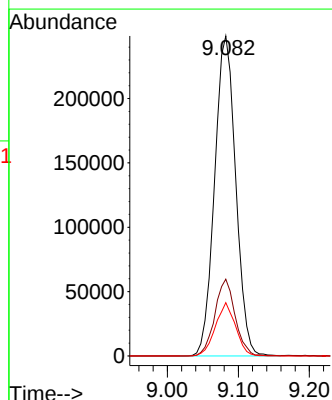
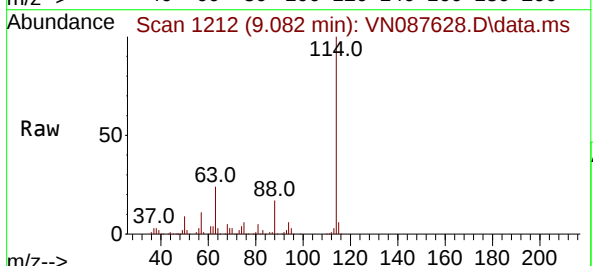
Tgt Ion: 114 Resp: 512519

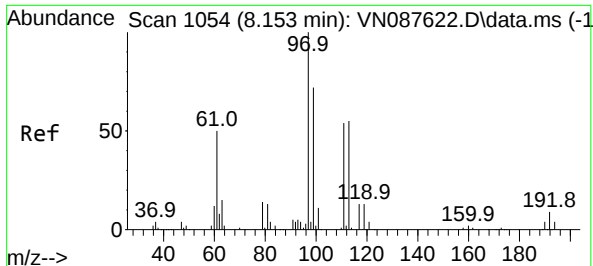
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

88 16.6 0.0 33.4

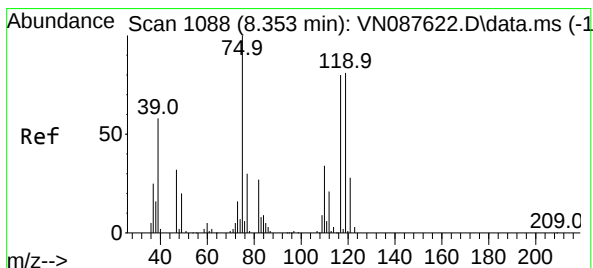
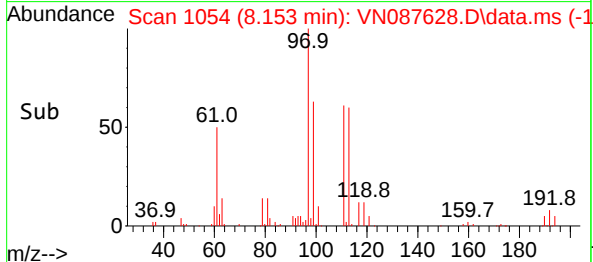
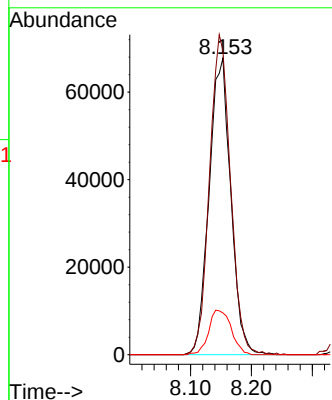
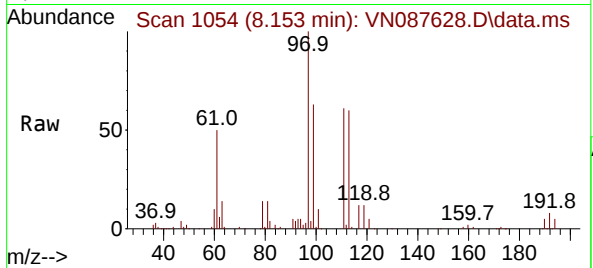




#35  
Dibromofluoromethane  
Concen: 45.235 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

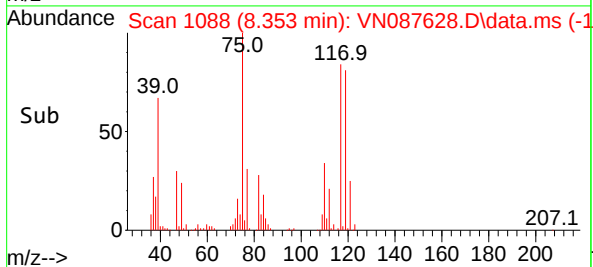
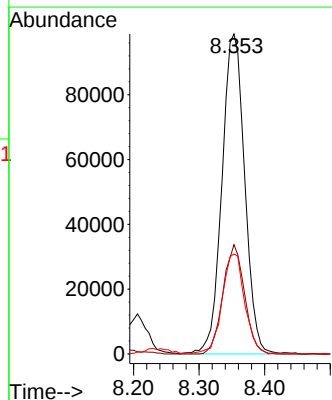
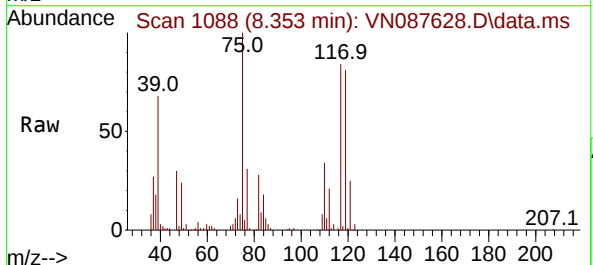
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

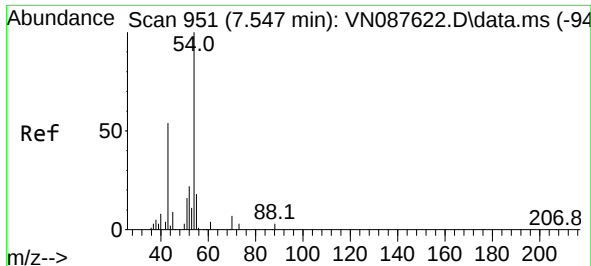
Tgt Ion:113 Resp: 167386  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.8 124.2  
192 15.7 12.8 19.2



#36  
1,1-Dichloropropene  
Concen: 41.877 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 75 Resp: 237727  
Ion Ratio Lower Upper  
75 100  
110 32.4 15.9 47.6  
77 31.2 24.4 36.6

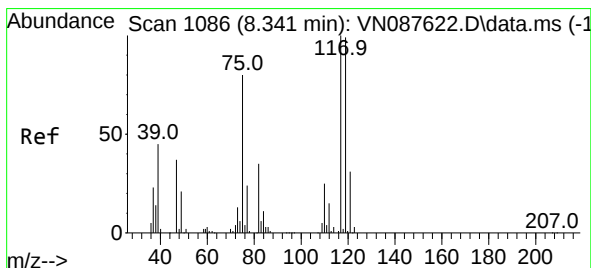
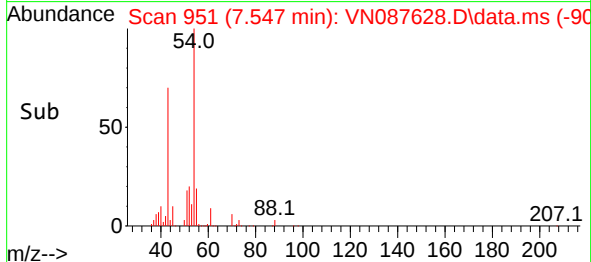
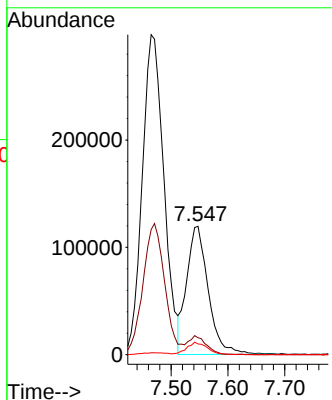
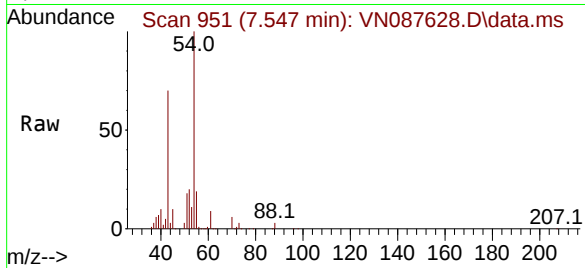




#37  
Ethyl Acetate  
Concen: 40.711 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

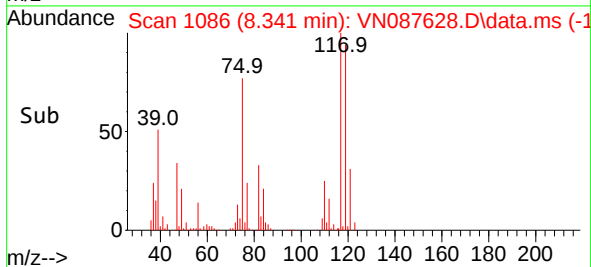
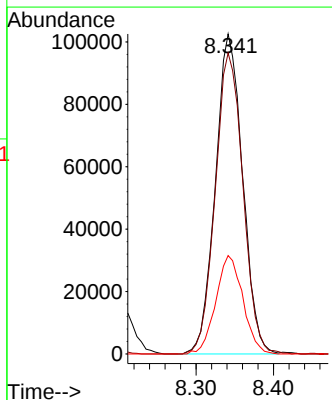
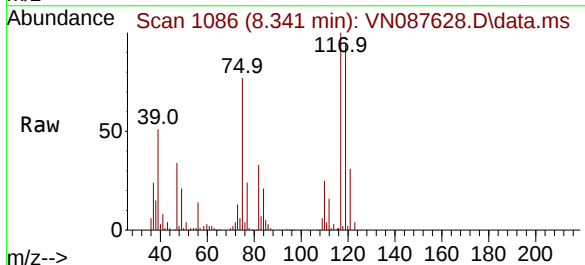
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

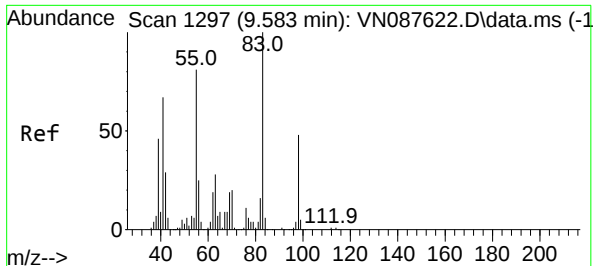
Tgt Ion: 43 Resp: 315803  
Ion Ratio Lower Upper  
43 100  
61 11.7 9.3 13.9  
70 9.2 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 44.673 ug/l  
RT: 8.341 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 117 Resp: 250390  
Ion Ratio Lower Upper  
117 100  
119 94.0 79.0 118.6  
121 30.7 25.0 37.6





#39

Methylcyclohexane

Concen: 42.666 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

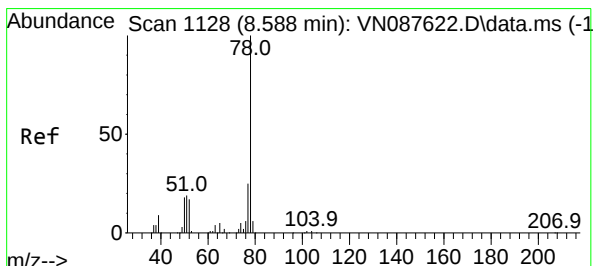
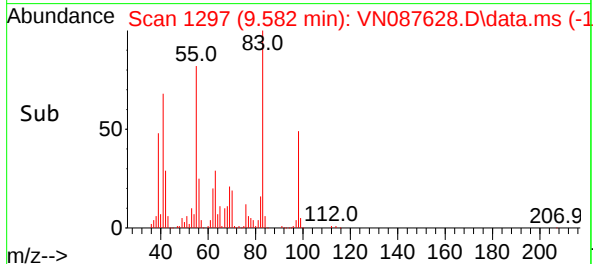
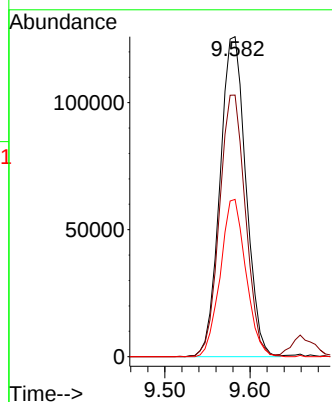
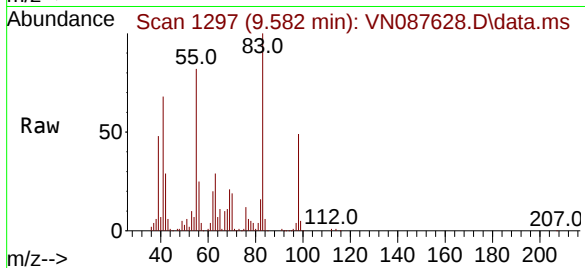
Tgt Ion: 83 Resp: 266660

Ion Ratio Lower Upper

83 100

55 81.6 64.6 96.8

98 49.1 38.4 57.6



#40

Benzene

Concen: 43.001 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087628.D

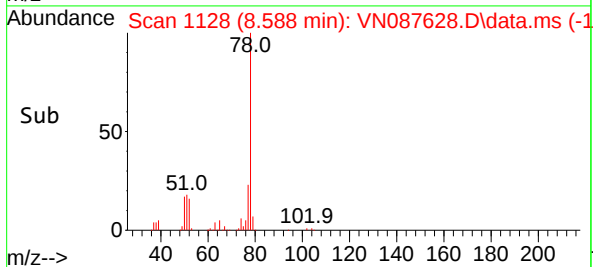
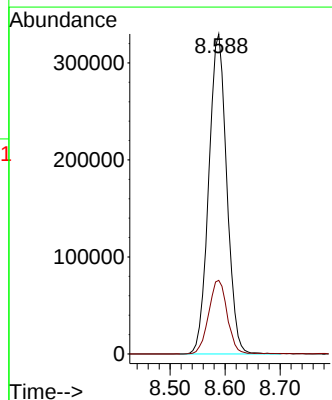
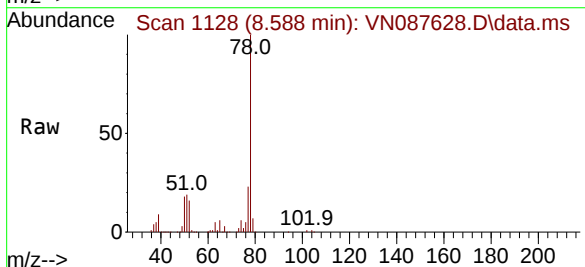
Acq: 22 Aug 2025 09:16

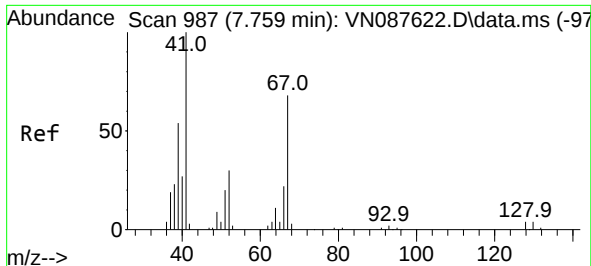
Tgt Ion: 78 Resp: 748721

Ion Ratio Lower Upper

78 100

77 23.0 19.7 29.5



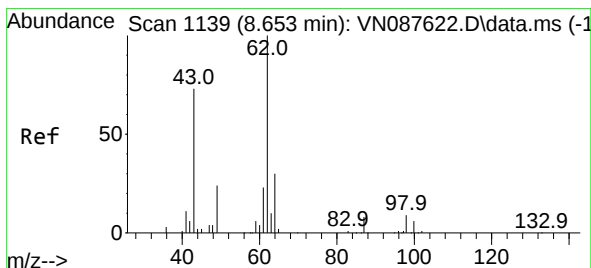
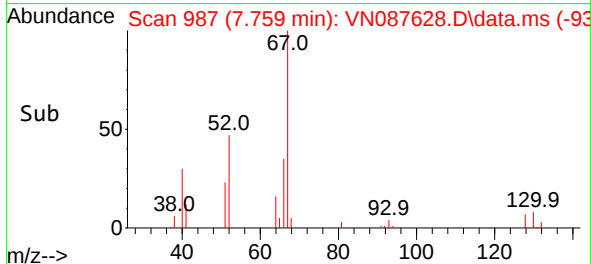
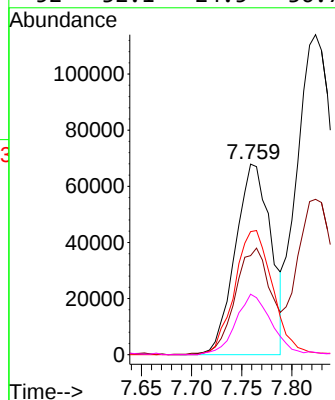
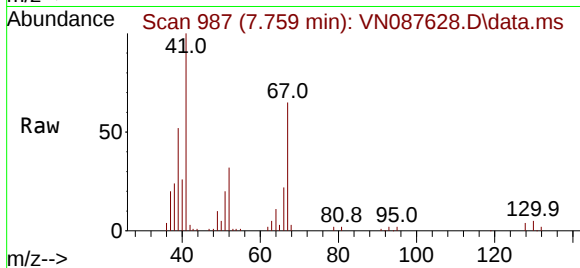


#41  
Methacrylonitrile  
Concen: 41.979 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 168685

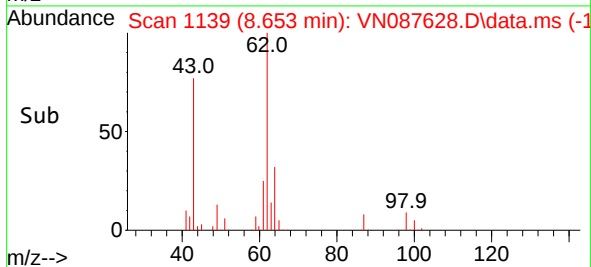
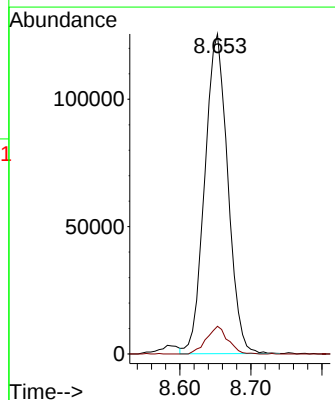
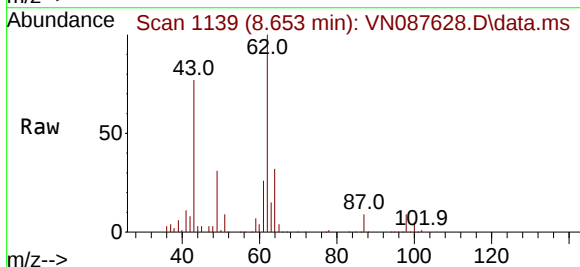
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.1  | 45.4  | 68.0  |
| 67  | 69.4  | 55.3  | 82.9  |
| 52  | 32.1  | 24.5  | 36.7  |

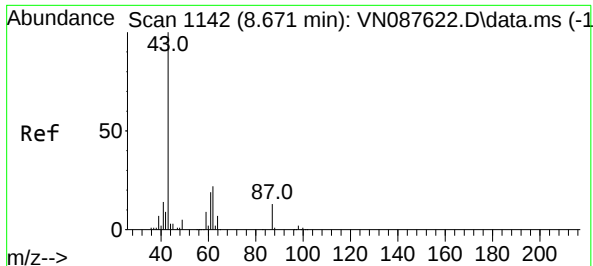


#42  
1,2-Dichloroethane  
Concen: 42.274 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 62 Resp: 282857

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.0   | 0.0   | 17.4  |

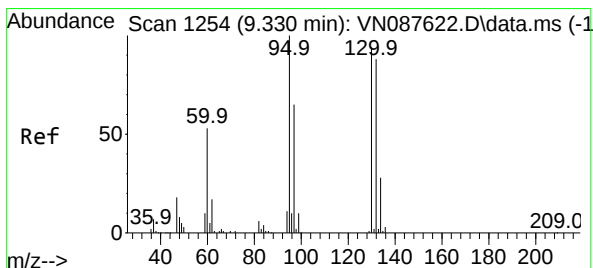
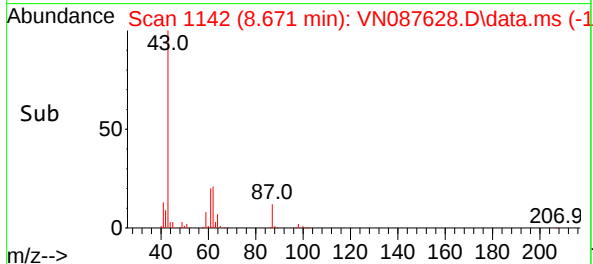
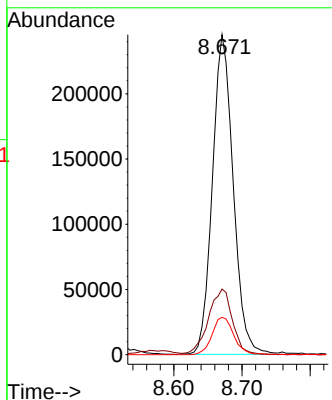
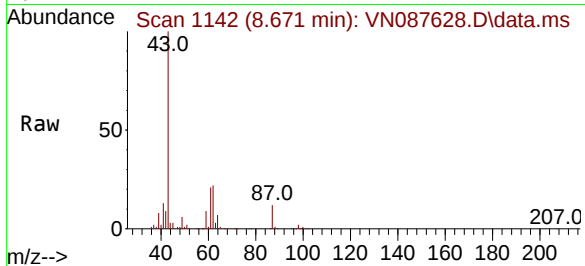




#43  
Isopropyl Acetate  
Concen: 43.011 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

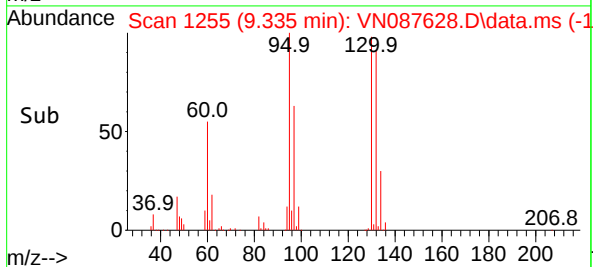
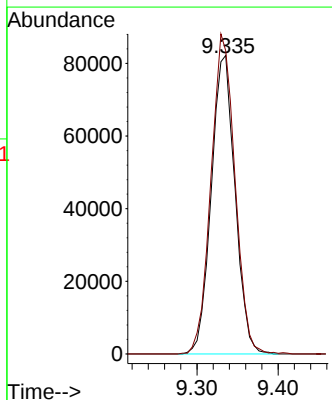
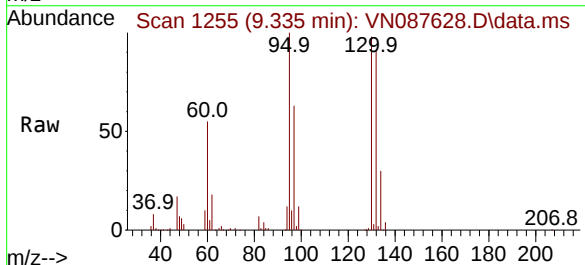
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

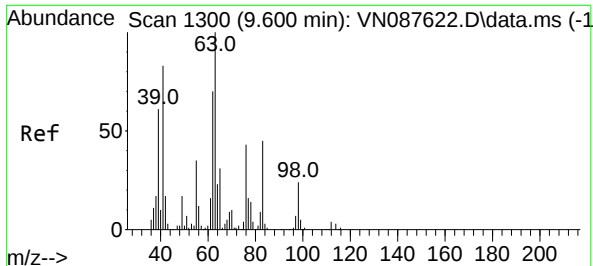
Tgt Ion: 43 Resp: 520916  
Ion Ratio Lower Upper  
43 100  
61 23.8 18.8 28.2  
87 12.2 9.6 14.4



#44  
Trichloroethene  
Concen: 42.017 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:130 Resp: 167027  
Ion Ratio Lower Upper  
130 100  
95 101.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 41.692 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

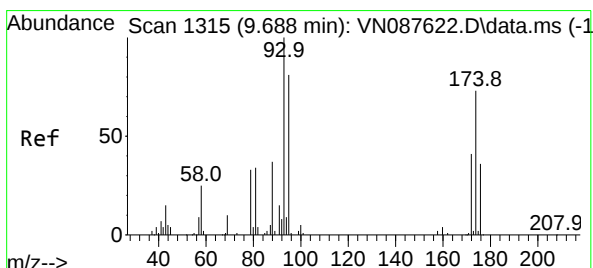
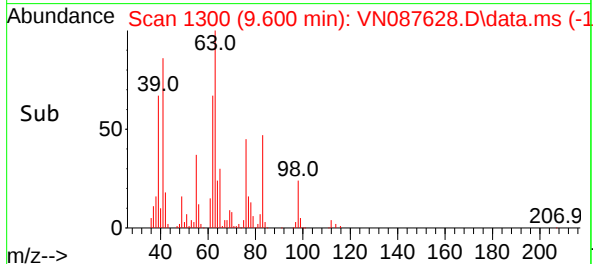
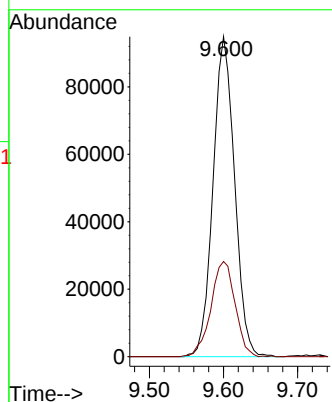
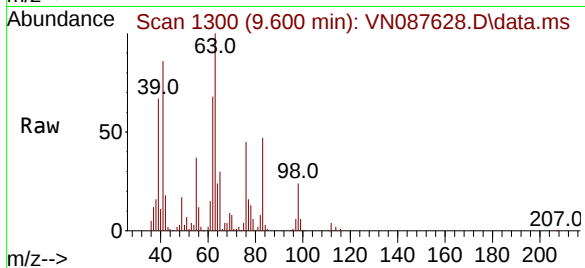
VSTDCCC050

Tgt Ion: 63 Resp: 191348

Ion Ratio Lower Upper

63 100

65 29.8 25.0 37.4



#46

Dibromomethane

Concen: 42.767 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

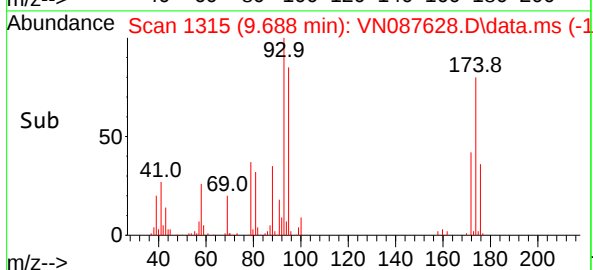
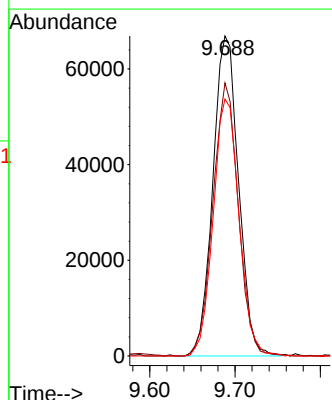
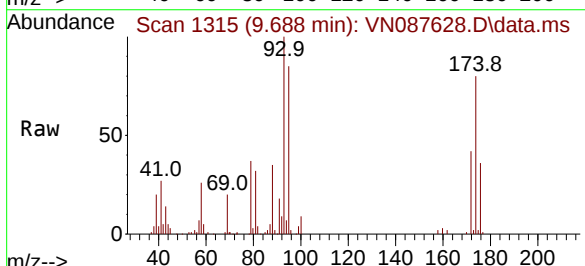
Tgt Ion: 93 Resp: 139677

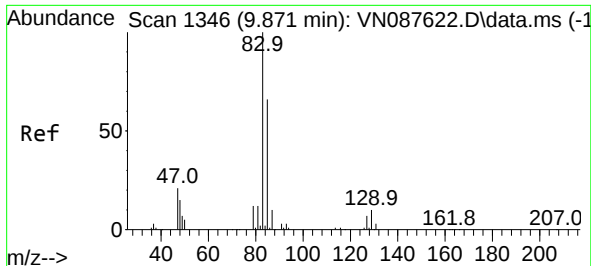
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 81.0 63.4 95.2

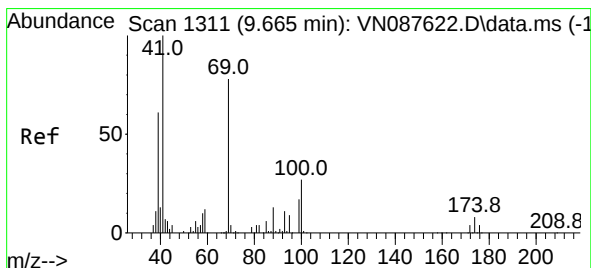
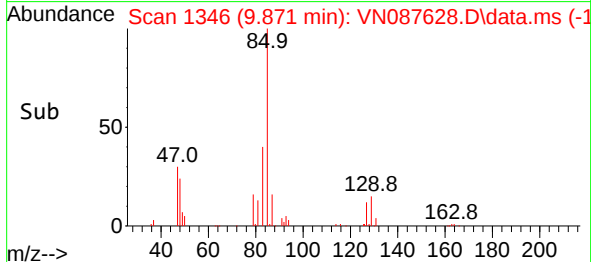
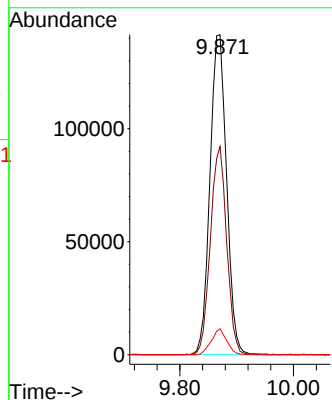
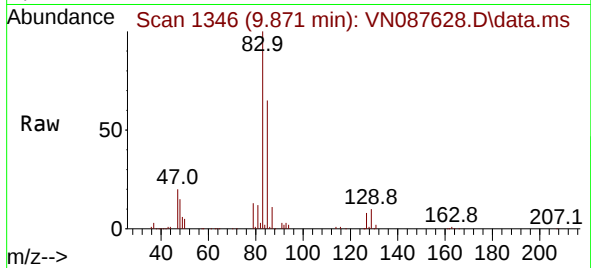




#47  
Bromodichloromethane  
Concen: 42.823 ug/l  
RT: 9.871 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

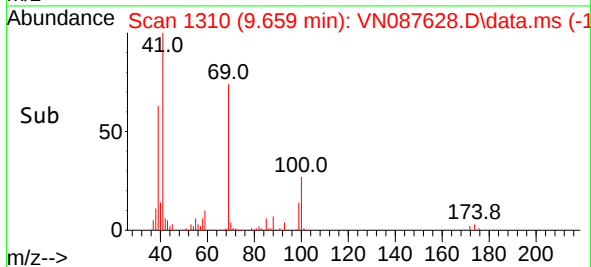
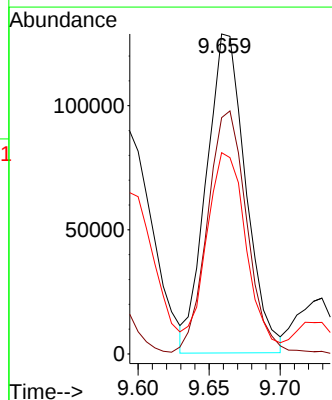
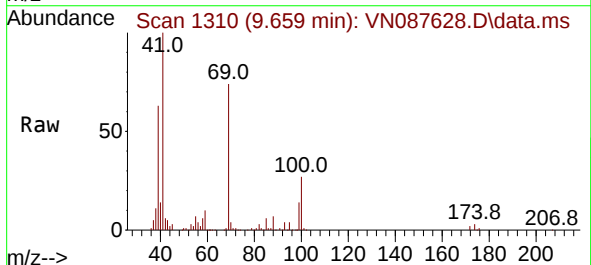
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

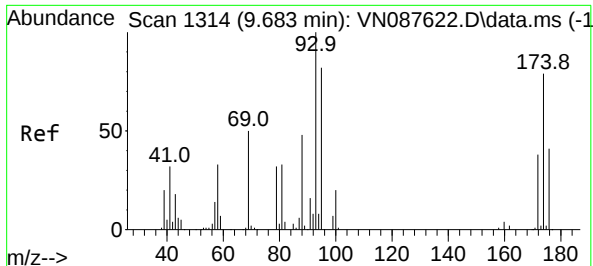
Tgt Ion: 83 Resp: 286639  
Ion Ratio Lower Upper  
83 100  
85 65.1 52.5 78.7  
127 8.1 5.8 8.6



#48  
Methyl methacrylate  
Concen: 43.189 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 41 Resp: 247415  
Ion Ratio Lower Upper  
41 100  
69 77.3 62.7 94.1  
39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 910.061 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

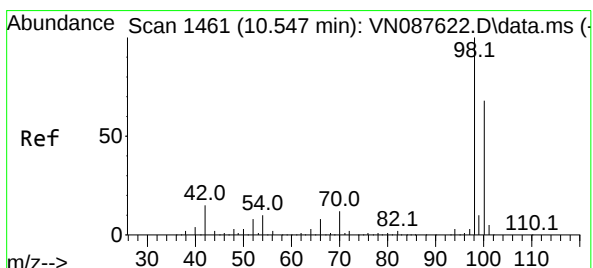
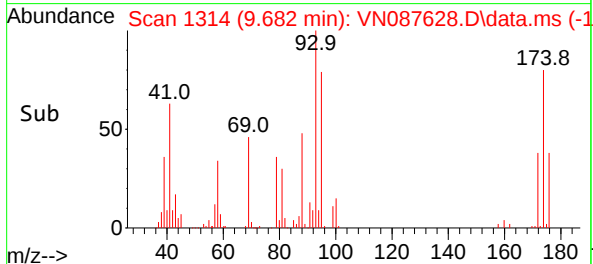
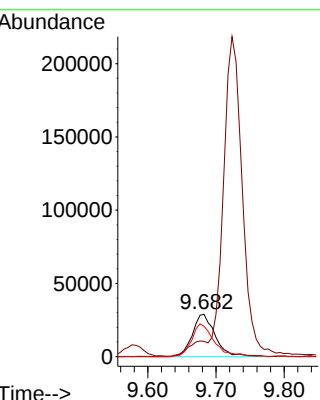
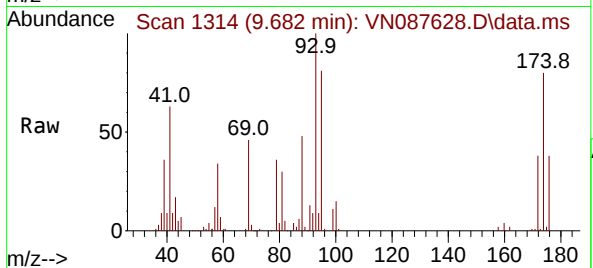
Tgt Ion: 88 Resp: 67573

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.6 57.9 86.9



#50

Toluene-d8

Concen: 45.200 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087628.D

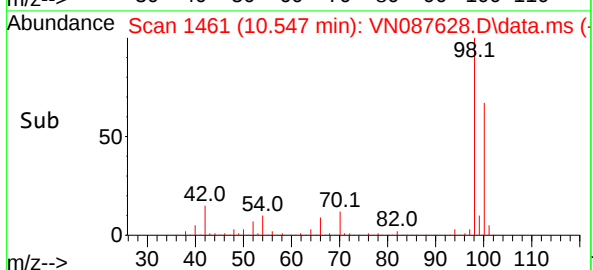
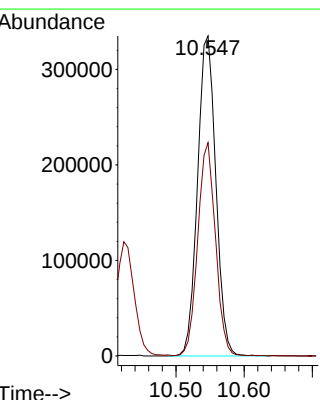
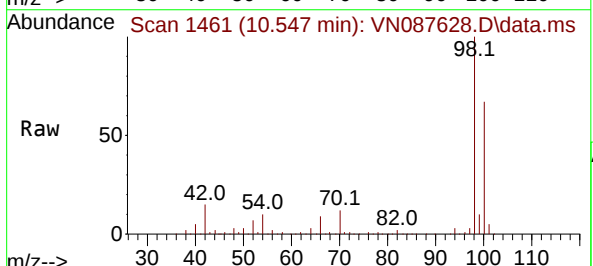
Acq: 22 Aug 2025 09:16

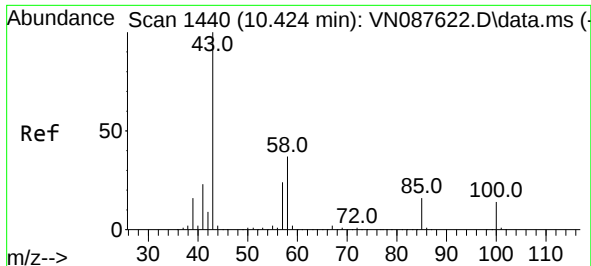
Tgt Ion: 98 Resp: 626019

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2

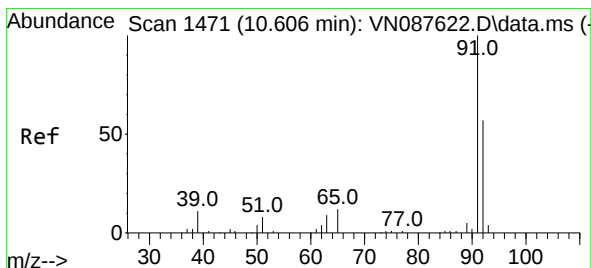
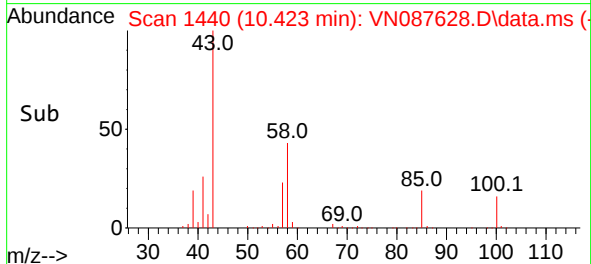
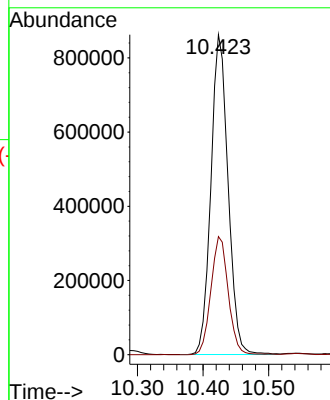
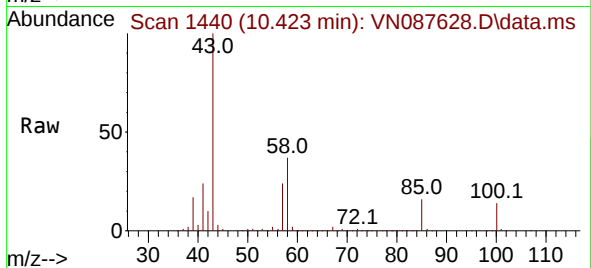




#51  
4-Methyl-2-Pentanone  
Concen: 214.333 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

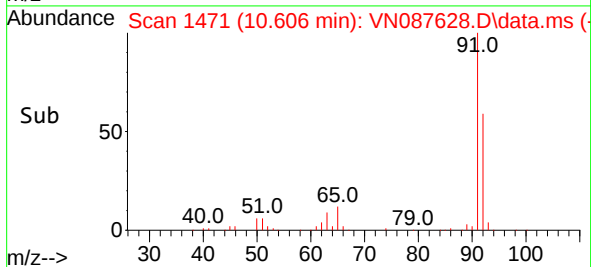
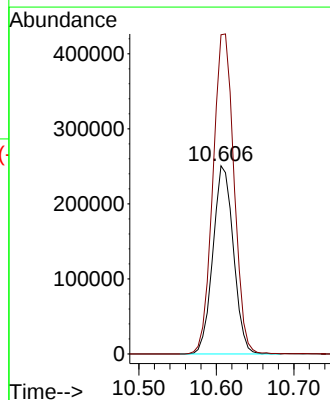
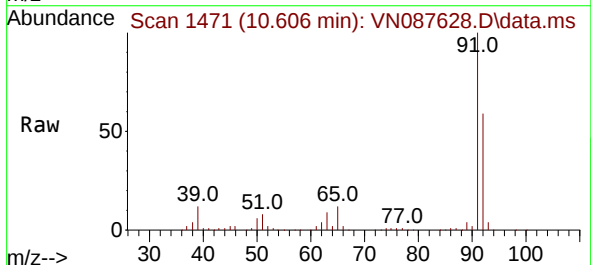
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

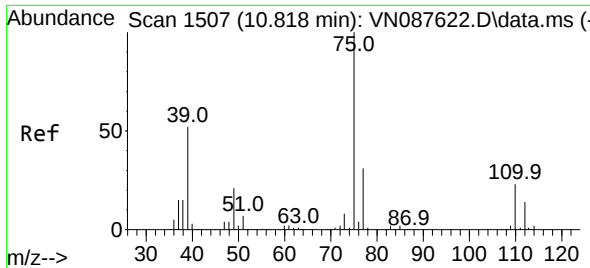
Tgt Ion: 43 Resp: 1566167  
Ion Ratio Lower Upper  
43 100  
58 37.3 29.6 44.4



#52  
Toluene  
Concen: 42.638 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 92 Resp: 460243  
Ion Ratio Lower Upper  
92 100  
91 174.9 140.4 210.6

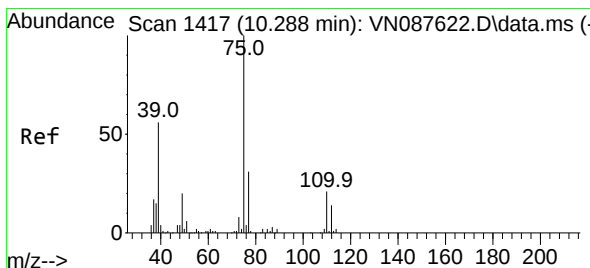
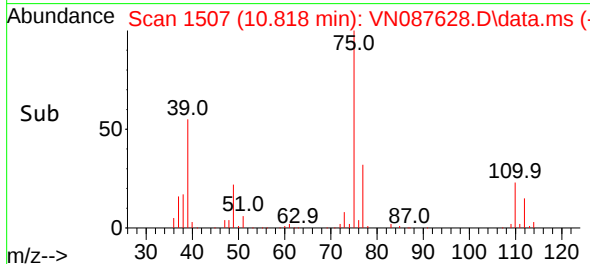
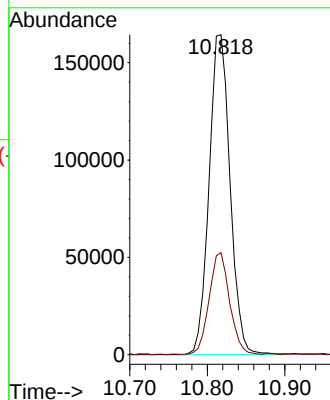
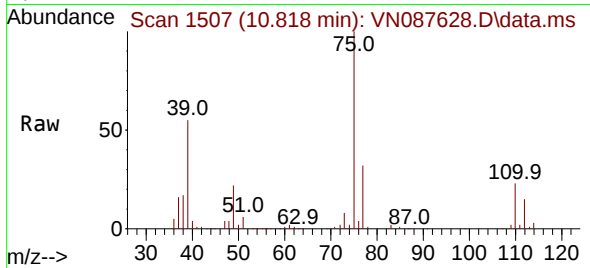




#53  
t-1,3-Dichloropropene  
Concen: 44.694 ug/l  
RT: 10.818 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

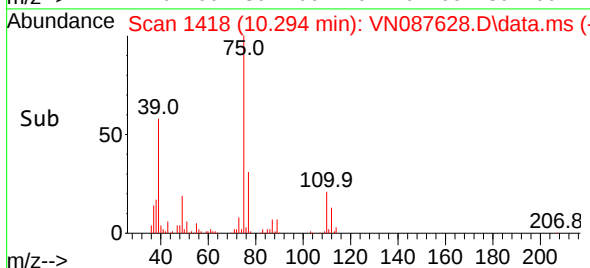
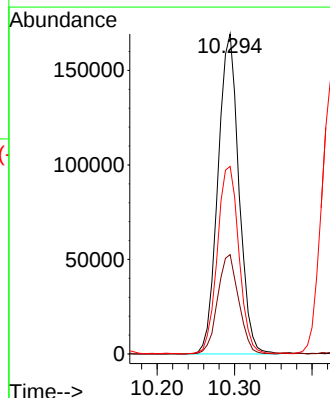
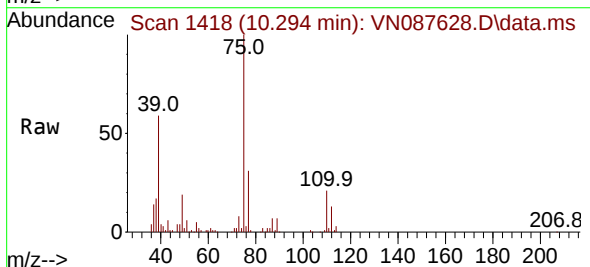
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

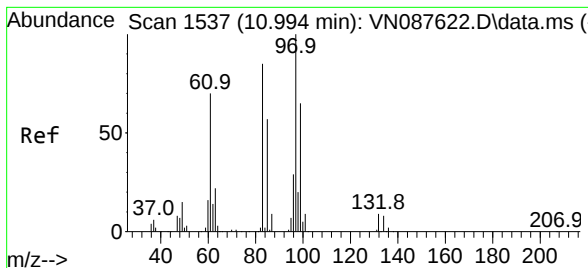
Tgt Ion: 75 Resp: 309661  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 44.222 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 75 Resp: 318132  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.6 37.0  
39 58.5 45.2 67.8



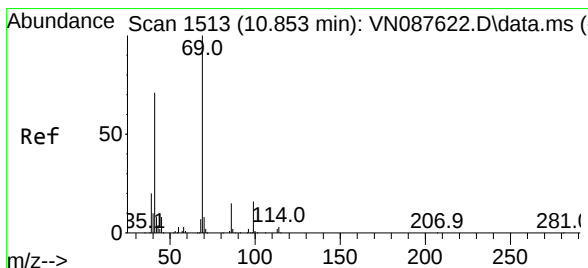
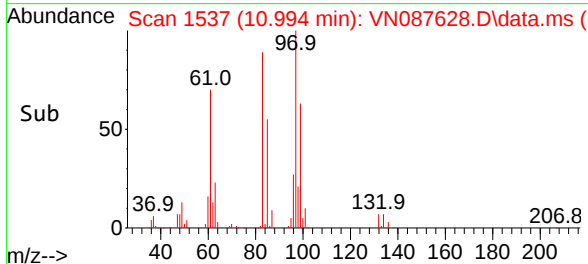
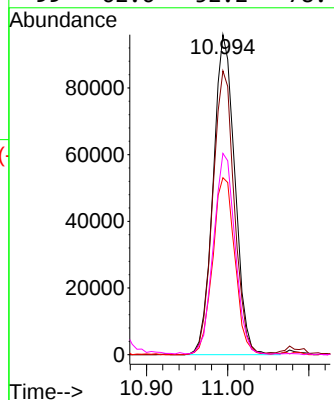
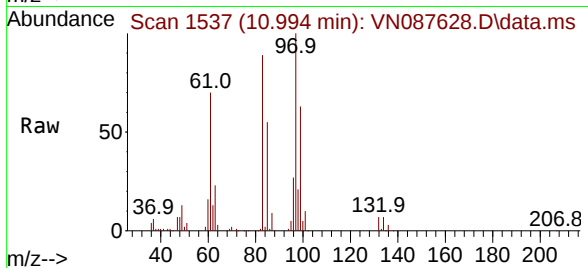


#55  
 1,1,2-Trichloroethane  
 Concen: 42.666 ug/l  
 RT: 10.994 min Scan# 1537  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 97 Resp: 178160

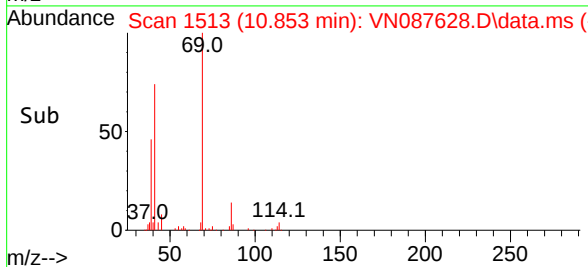
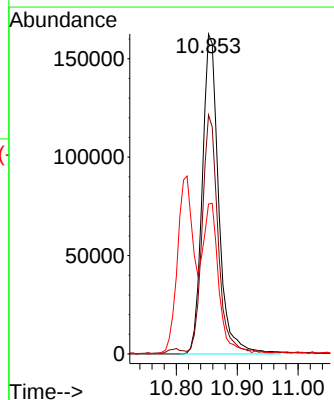
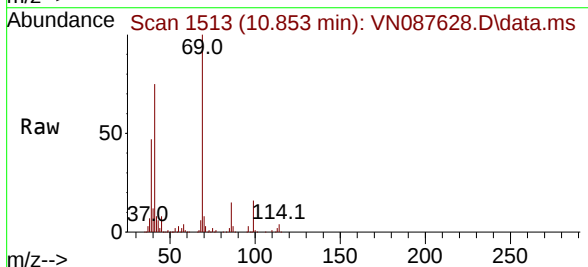
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.7  | 68.2  | 102.4 |
| 85  | 55.3  | 45.5  | 68.3  |
| 99  | 62.6  | 52.2  | 78.4  |

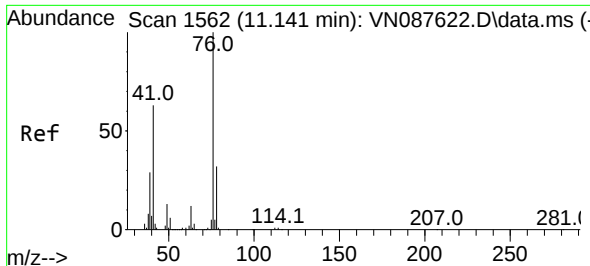


#56  
 Ethyl methacrylate  
 Concen: 45.661 ug/l  
 RT: 10.853 min Scan# 1513  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion: 69 Resp: 304710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.4  | 56.5  | 84.7  |
| 39  | 45.9  | 34.2  | 51.4  |





#57

1,3-Dichloropropane

Concen: 43.136 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

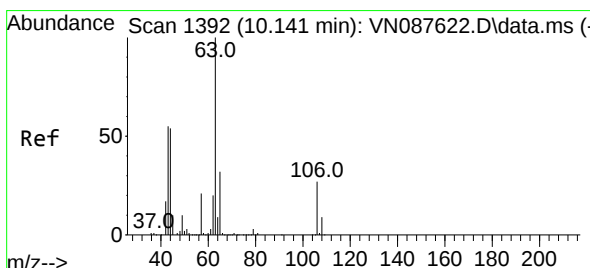
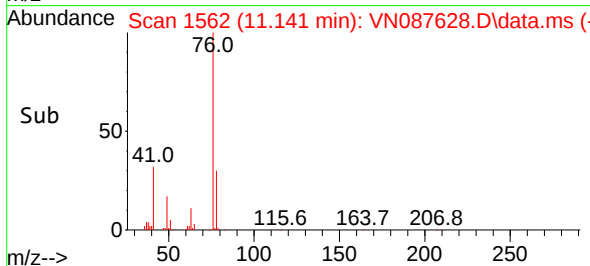
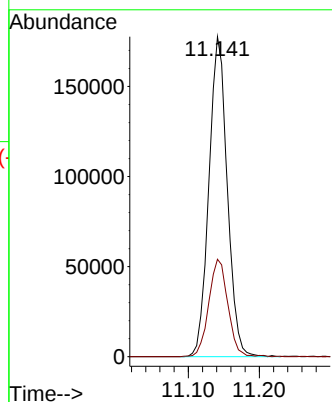
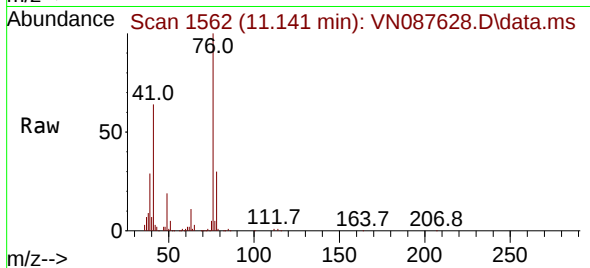
VSTDCCC050

Tgt Ion: 76 Resp: 318776

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 213.205 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087628.D

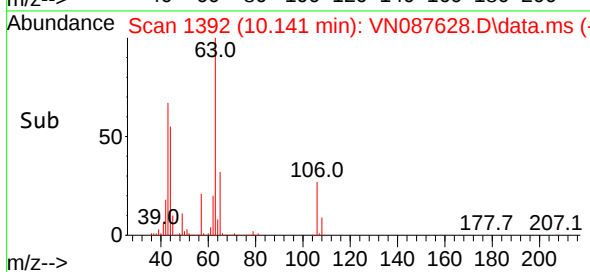
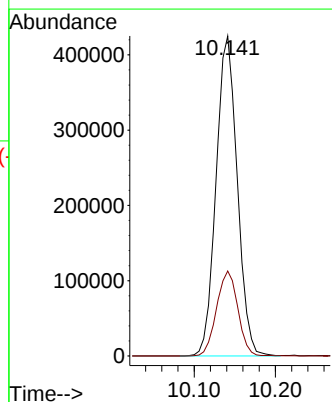
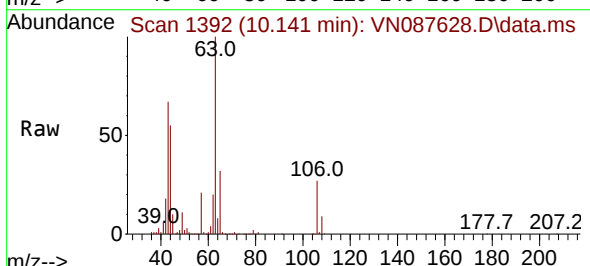
Acq: 22 Aug 2025 09:16

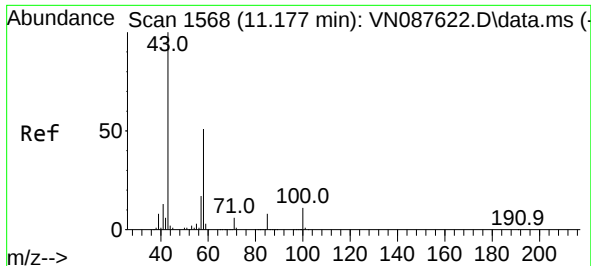
Tgt Ion: 63 Resp: 770085

Ion Ratio Lower Upper

63 100

106 26.6 21.1 31.7

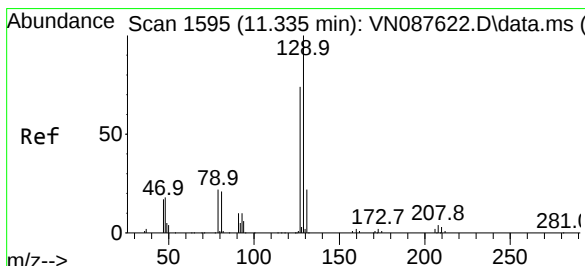
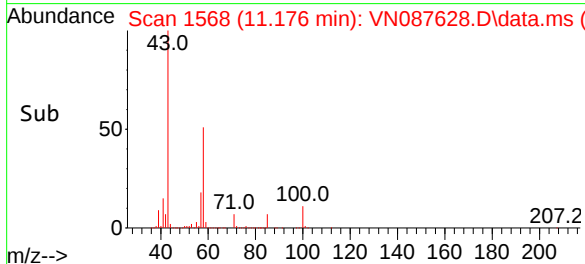
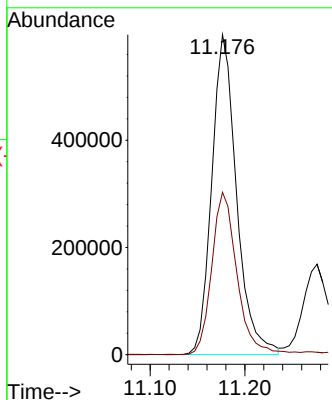
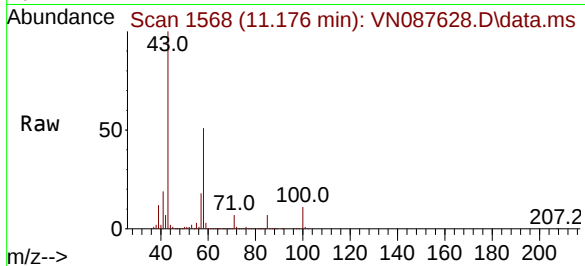




#59  
2-Hexanone  
Concen: 235.033 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

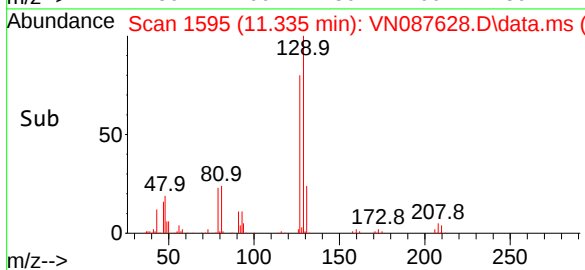
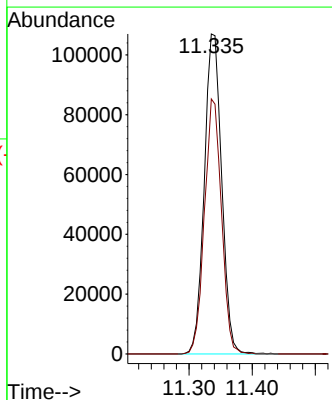
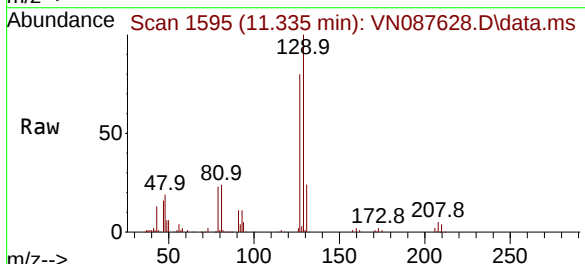
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

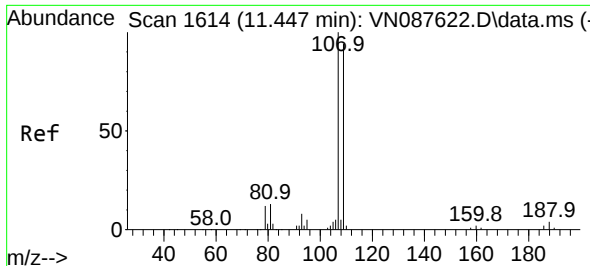
Tgt Ion: 43 Resp: 1085409  
Ion Ratio Lower Upper  
43 100  
58 52.0 25.9 77.8



#60  
Dibromochloromethane  
Concen: 42.338 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:129 Resp: 204847  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.1 117.3

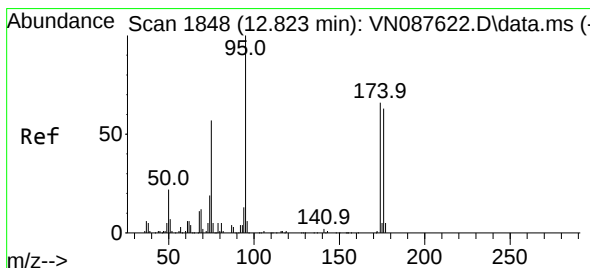
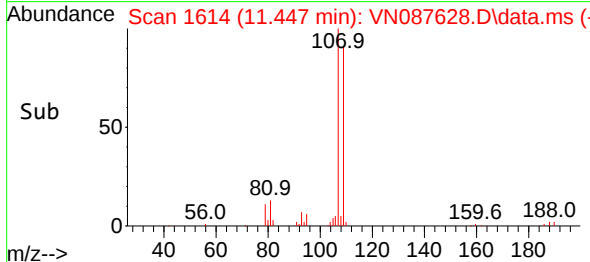
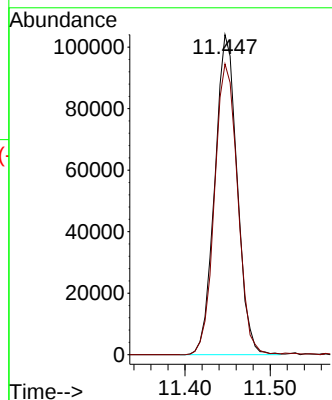
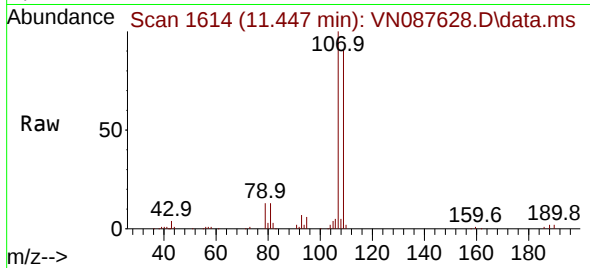




#61  
1,2-Dibromoethane  
Concen: 43.133 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

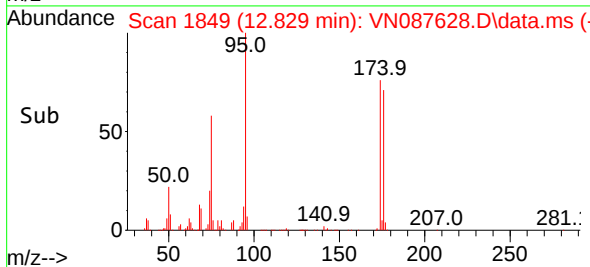
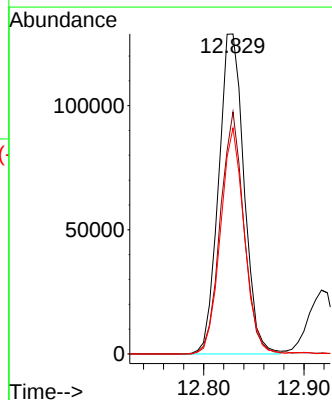
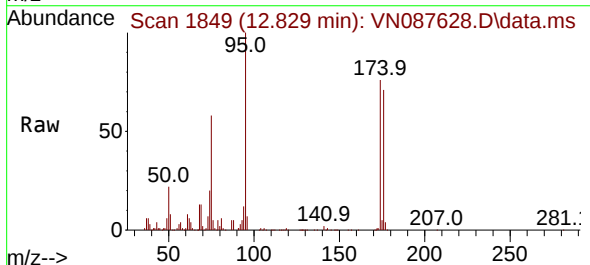
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

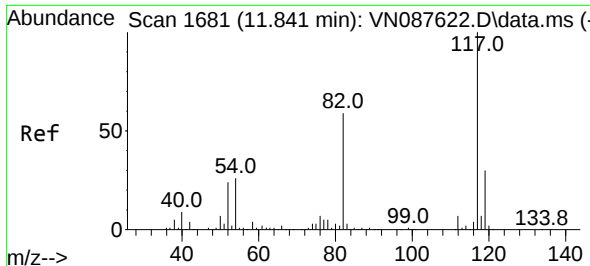
Tgt Ion:107 Resp: 189916  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 46.063 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 95 Resp: 226882  
Ion Ratio Lower Upper  
95 100  
174 70.4 0.0 138.4  
176 65.9 0.0 132.6

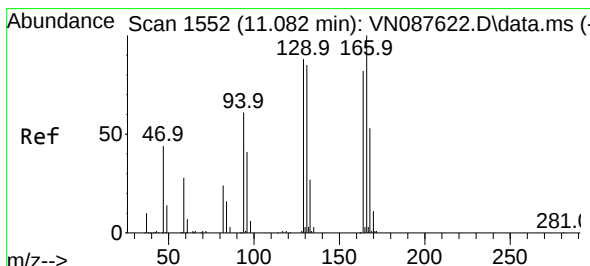
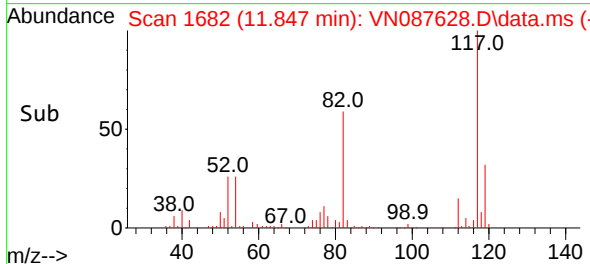
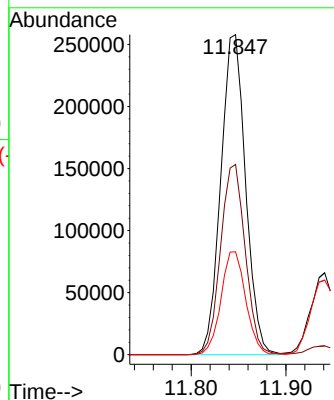
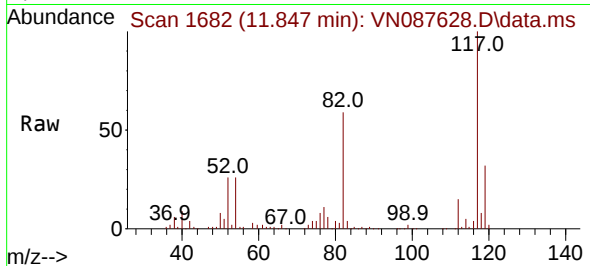




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 1177  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

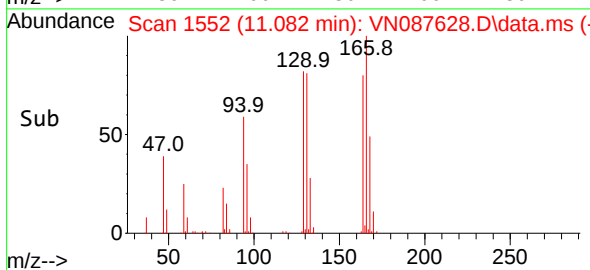
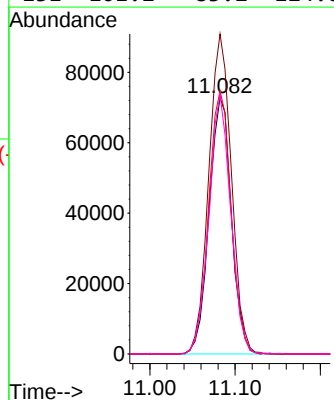
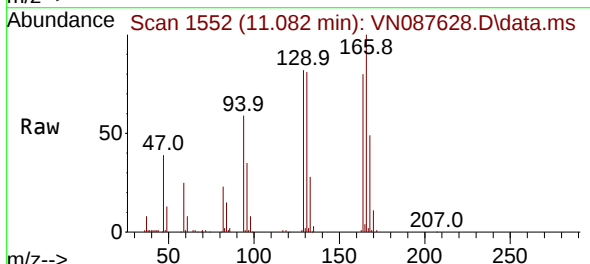
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

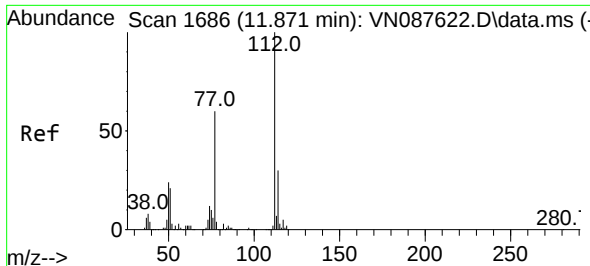
Tgt Ion:117 Resp: 469406  
Ion Ratio Lower Upper  
117 100  
82 59.5 47.4 71.2  
119 32.1 24.3 36.5



#64  
Tetrachloroethene  
Concen: 40.527 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:164 Resp: 131985  
Ion Ratio Lower Upper  
164 100  
166 124.8 97.7 146.5  
129 102.5 85.9 128.9  
131 101.2 83.2 124.8

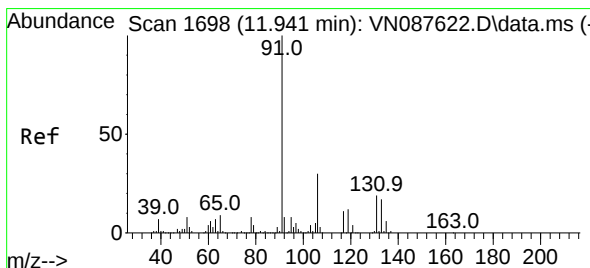
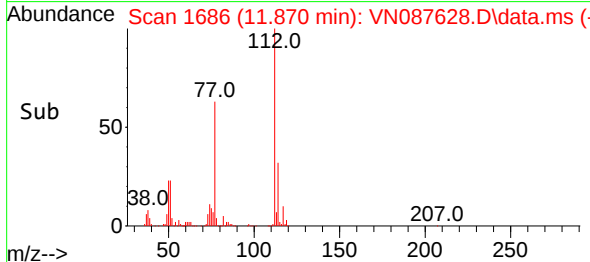
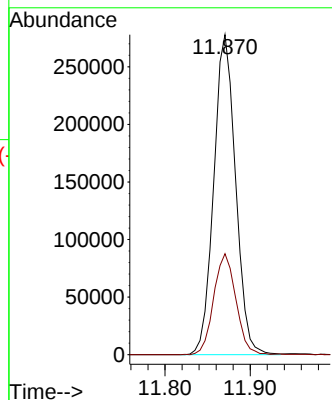
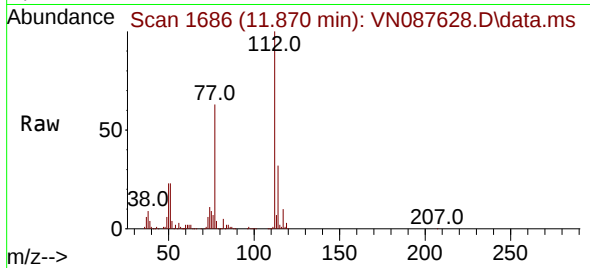




#65  
Chlorobenzene  
Concen: 42.367 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

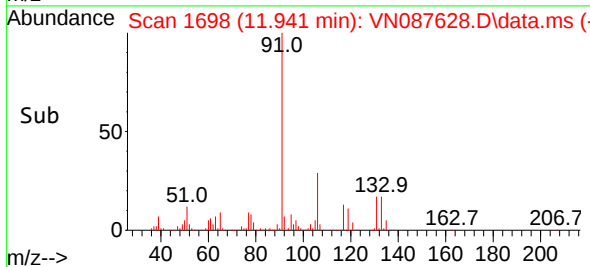
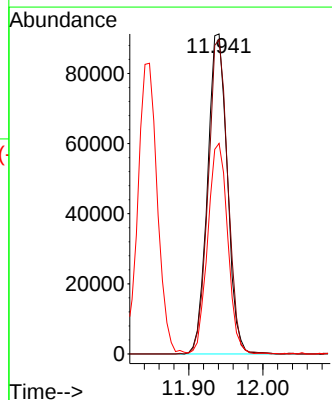
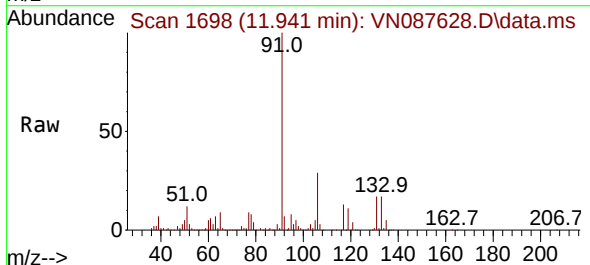
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

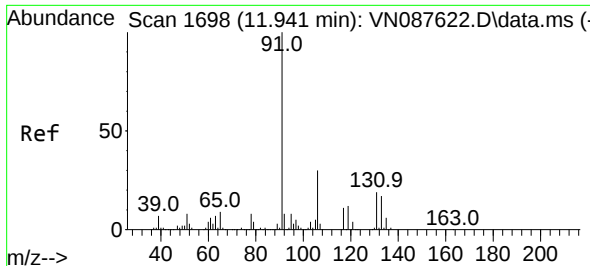
Tgt Ion:112 Resp: 494765  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 43.580 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:131 Resp: 168958  
Ion Ratio Lower Upper  
131 100  
133 97.9 48.0 144.0  
119 66.5 32.6 97.7





#67

Ethyl Benzene

Concen: 44.216 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

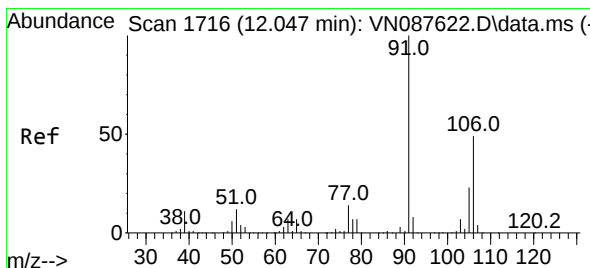
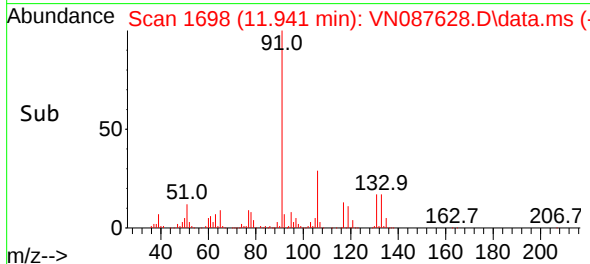
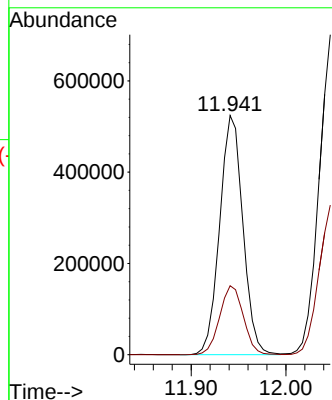
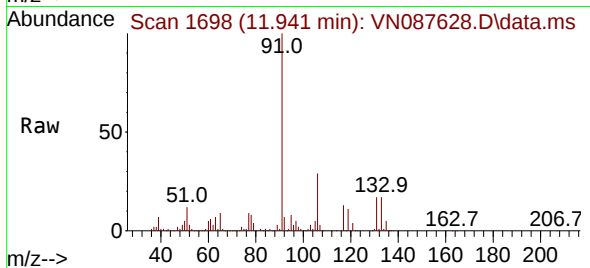
VSTDCCC050

Tgt Ion: 91 Resp: 894026

Ion Ratio Lower Upper

91 100

106 28.8 24.1 36.1



#68

m/p-Xylenes

Concen: 90.541 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN087628.D

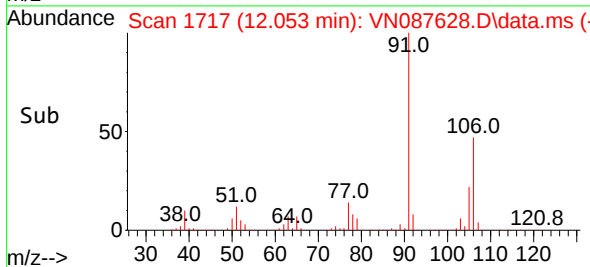
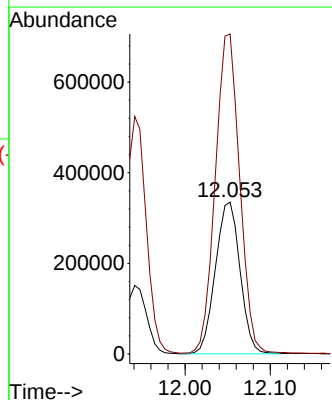
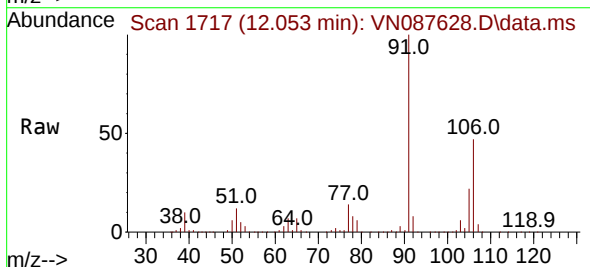
Acq: 22 Aug 2025 09:16

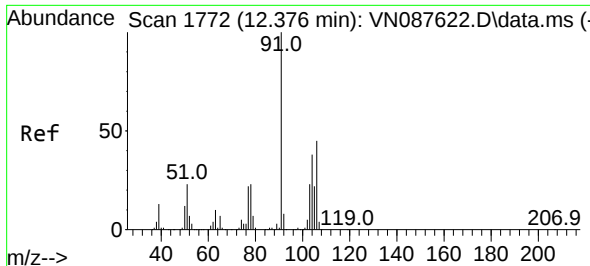
Tgt Ion:106 Resp: 671405

Ion Ratio Lower Upper

106 100

91 209.6 169.3 253.9

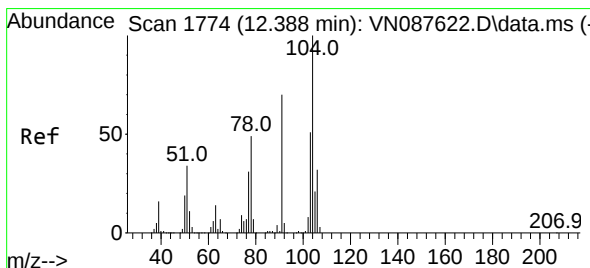
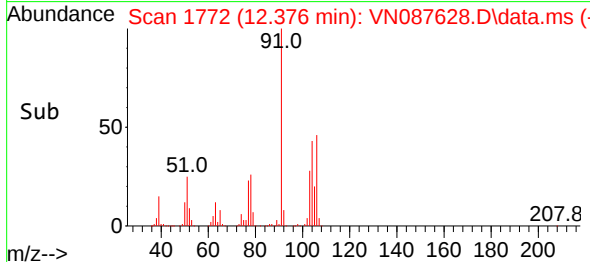
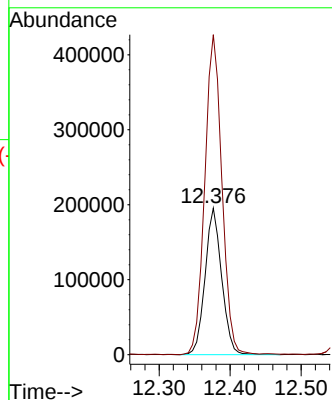
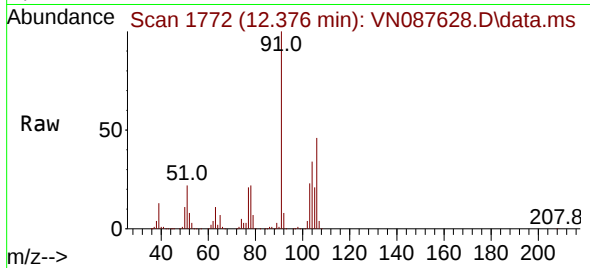




#69  
o-Xylene  
Concen: 43.765 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

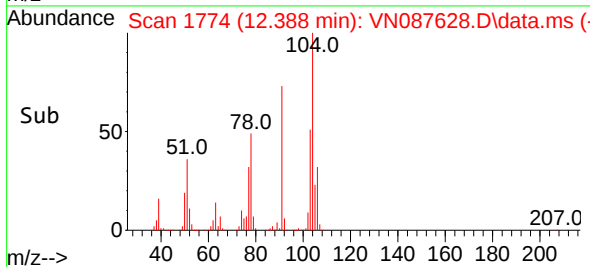
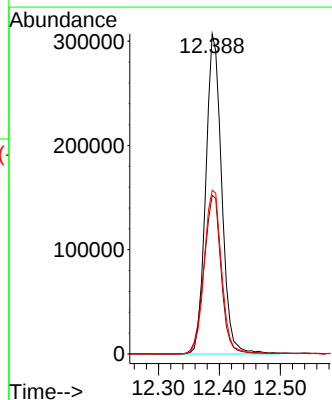
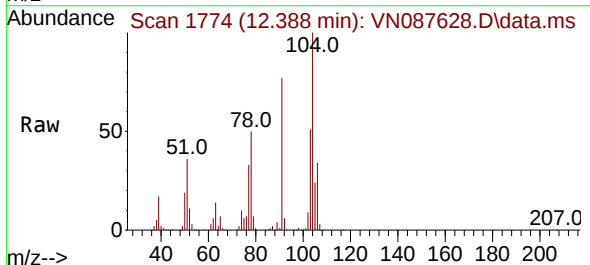
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

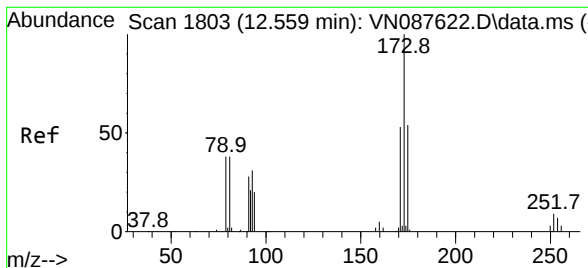
Tgt Ion:106 Resp: 318048  
Ion Ratio Lower Upper  
106 100  
91 225.3 111.4 334.2



#70  
Styrene  
Concen: 45.927 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion:104 Resp: 559152  
Ion Ratio Lower Upper  
104 100  
78 53.7 42.2 63.2  
103 55.6 43.4 65.2





#71

Bromoform

Concen: 45.467 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDC050

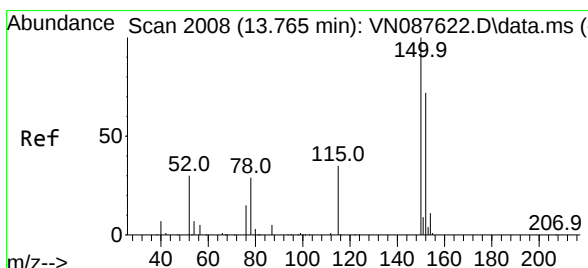
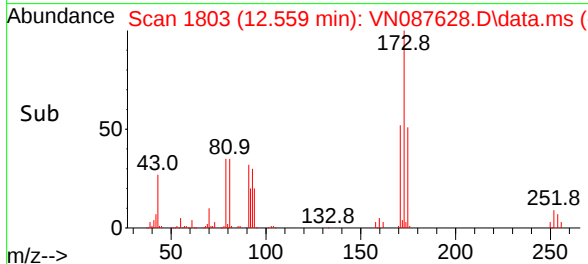
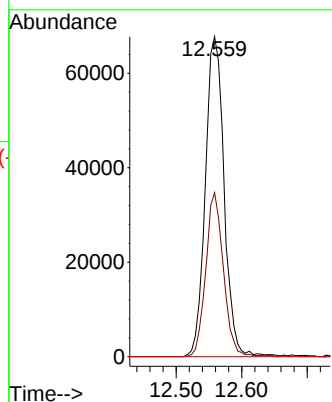
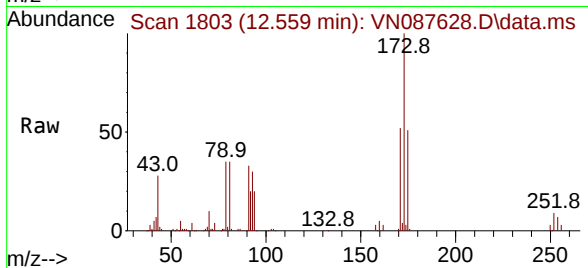
Tgt Ion:173 Resp: 135189

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

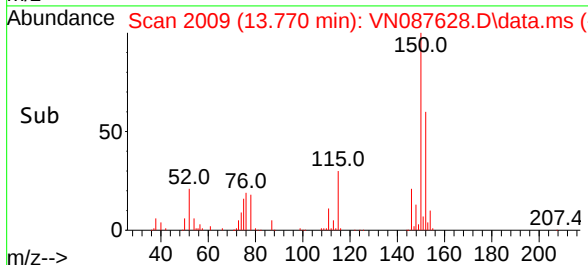
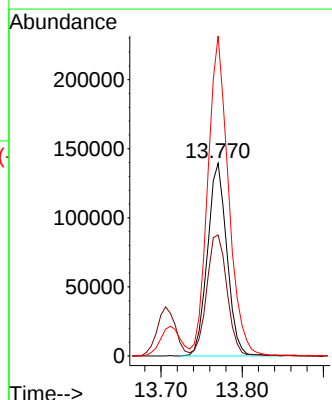
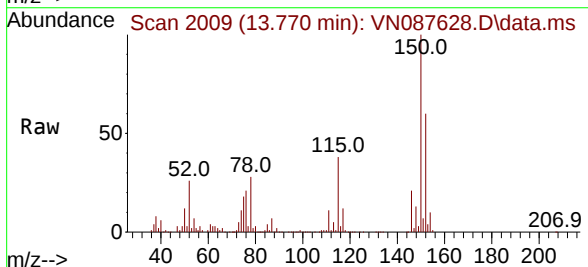
Tgt Ion:152 Resp: 231212

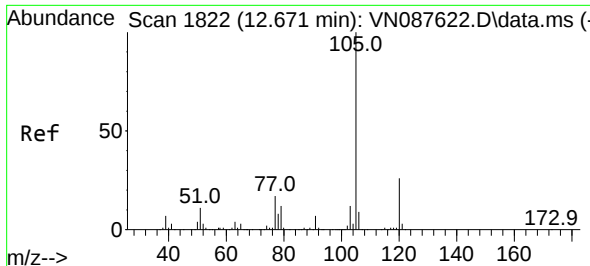
Ion Ratio Lower Upper

152 100

115 65.4 32.3 96.8

150 176.9 0.0 351.0

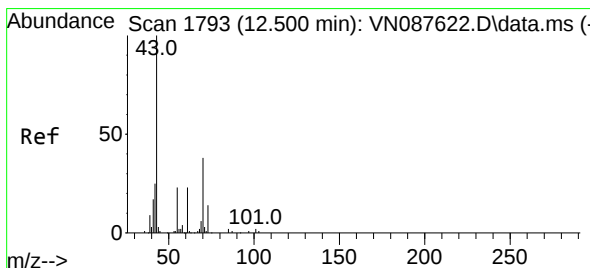
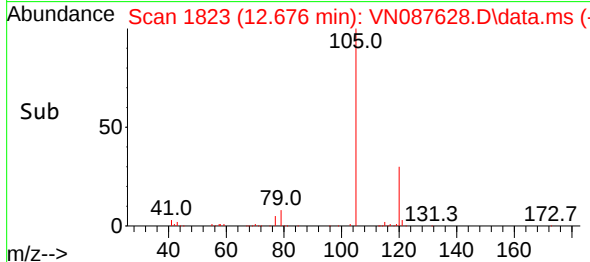
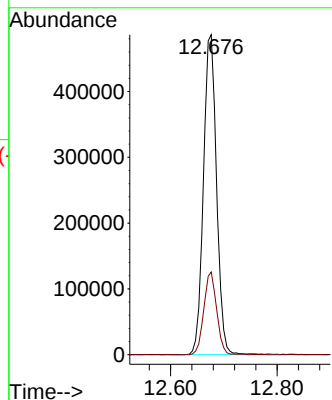
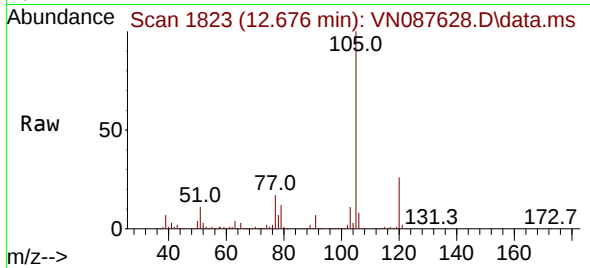




#73  
Isopropylbenzene  
Concen: 44.486 ug/l  
RT: 12.676 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

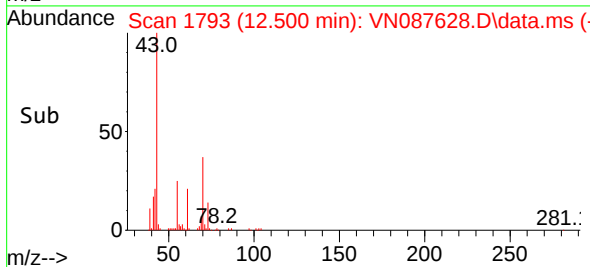
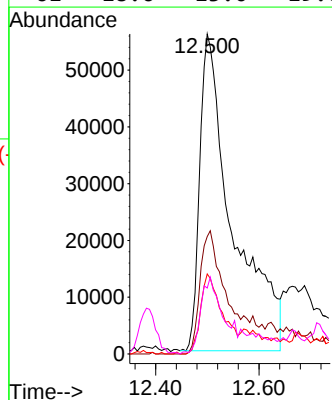
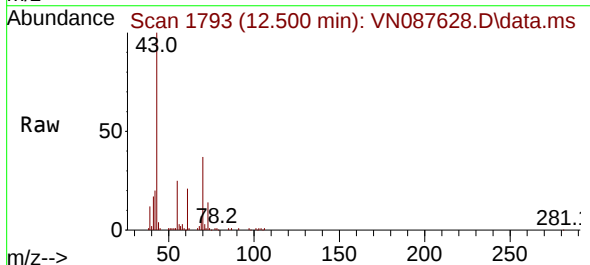
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

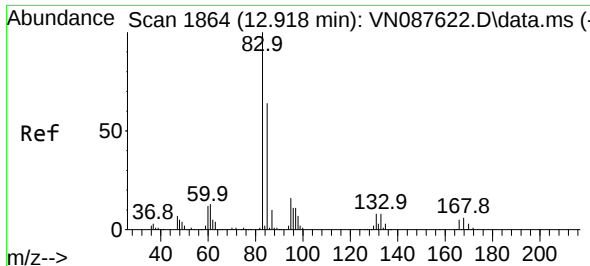
Tgt Ion:105 Resp: 831157  
Ion Ratio Lower Upper  
105 100  
120 25.3 12.8 38.3



#74  
N-ethyl acetate  
Concen: 34.624 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 43 Resp: 245153  
Ion Ratio Lower Upper  
43 100  
70 34.0 27.6 41.4  
55 16.9 13.0 19.6  
61 18.6 13.0 19.6

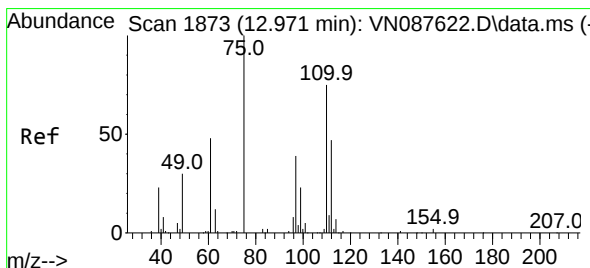
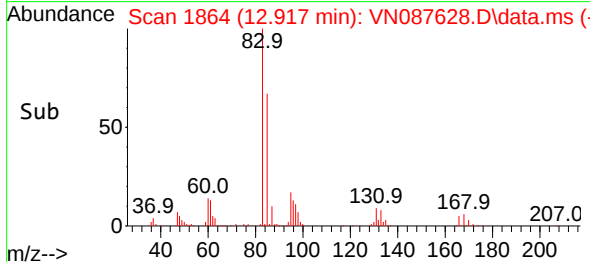
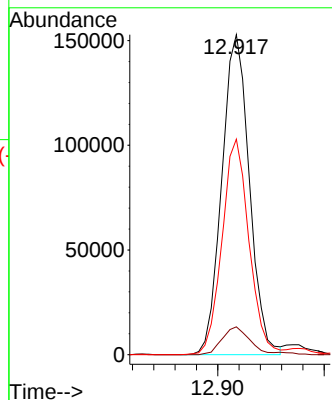
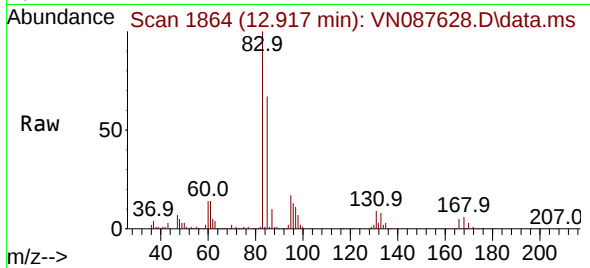




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 42.601 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

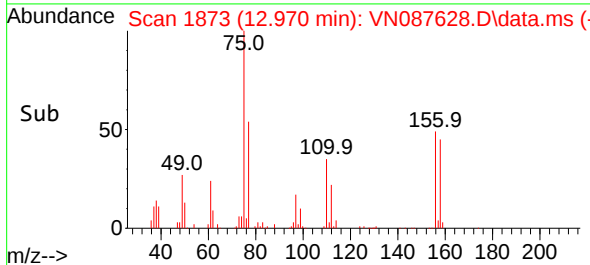
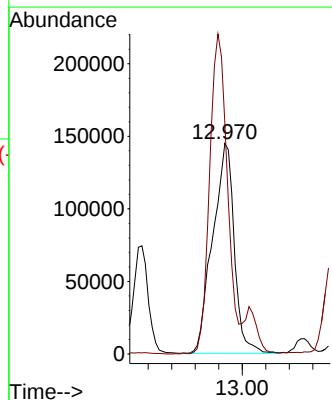
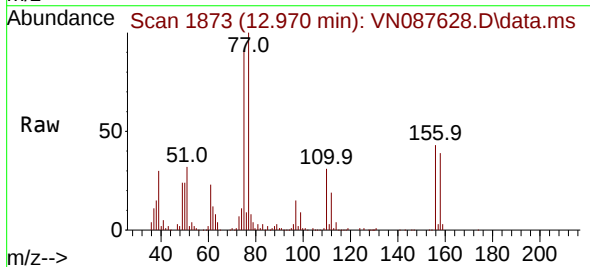
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

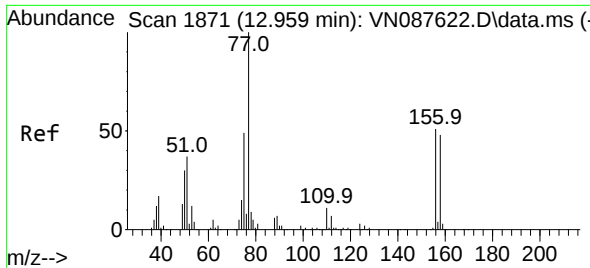
Tgt Ion: 83 Resp: 274026  
 Ion Ratio Lower Upper  
 83 100  
 131 9.1 4.8 14.4  
 85 66.0 32.1 96.3



#76  
 1,2,3-Trichloropropane  
 Concen: 68.098 ug/l  
 RT: 12.970 min Scan# 1873  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion: 75 Resp: 369231  
 Ion Ratio Lower Upper  
 75 100  
 77 126.2 89.1 267.4

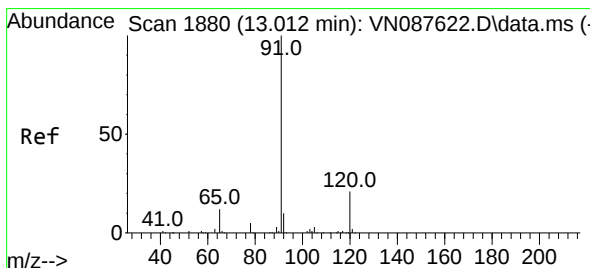
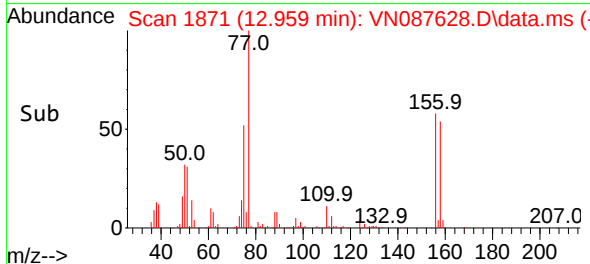
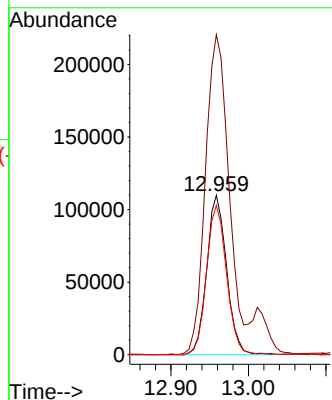
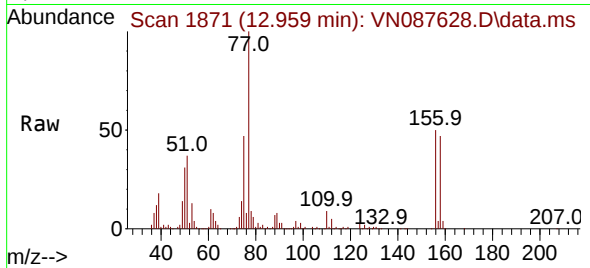




#77  
Bromobenzene  
Concen: 44.539 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

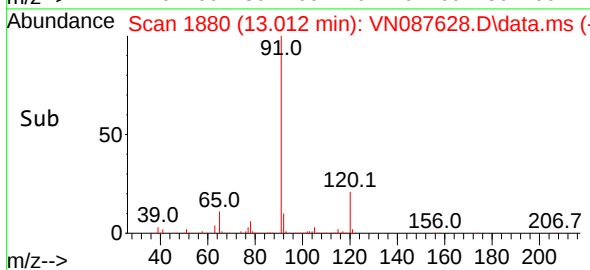
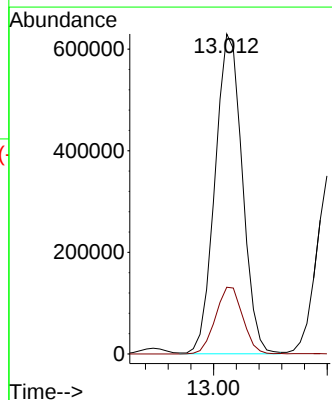
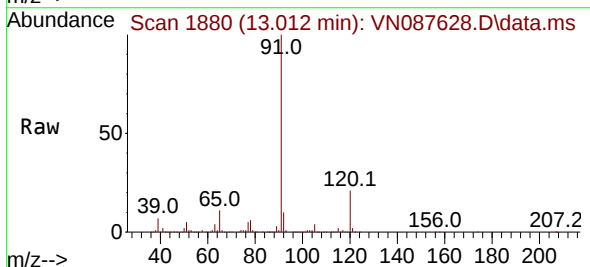
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

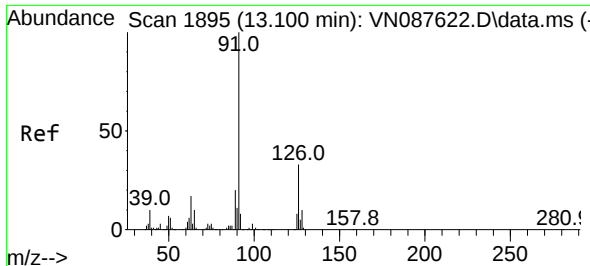
Tgt Ion:156 Resp: 196205  
Ion Ratio Lower Upper  
156 100  
77 237.5 119.3 358.0  
158 94.7 48.2 144.6



#78  
n-propylbenzene  
Concen: 45.633 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 91 Resp: 1050162  
Ion Ratio Lower Upper  
91 100  
120 20.9 10.7 32.1

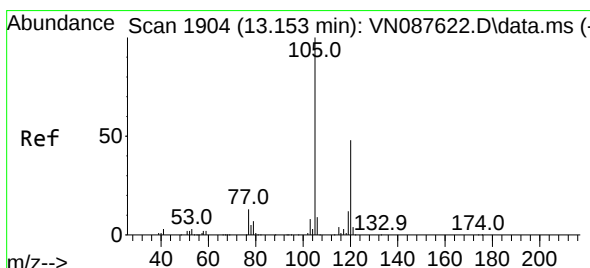
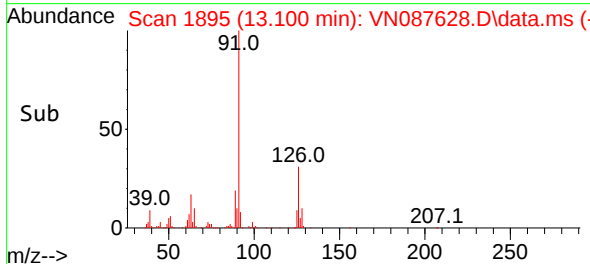
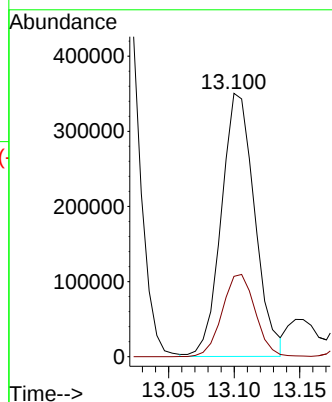
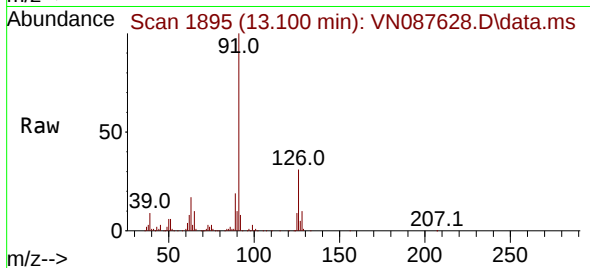




#79  
2-Chlorotoluene  
Concen: 44.742 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

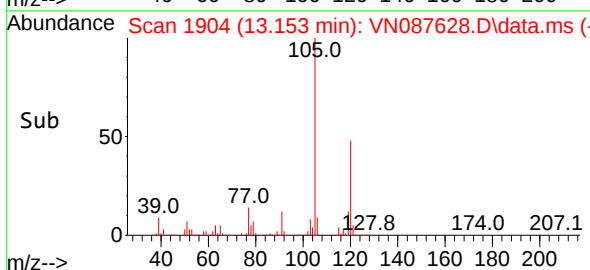
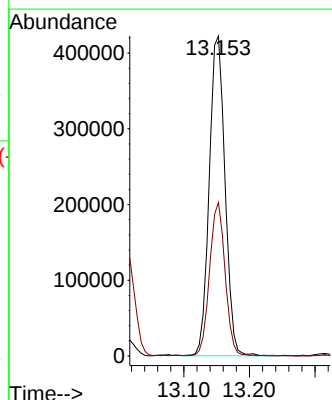
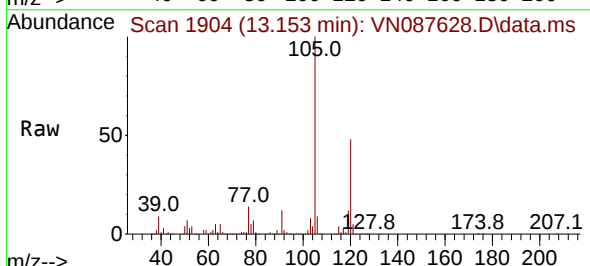
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

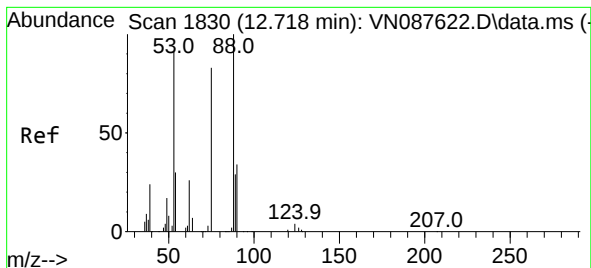
Tgt Ion: 91 Resp: 619641  
Ion Ratio Lower Upper  
91 100  
126 31.0 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 44.677 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 105 Resp: 708107  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.2 69.6

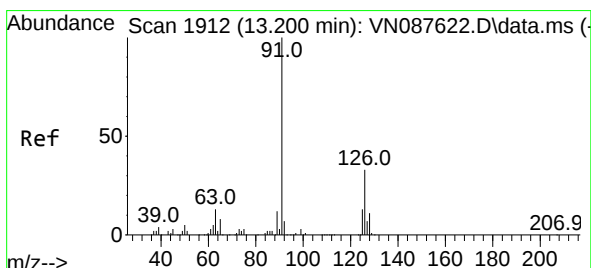
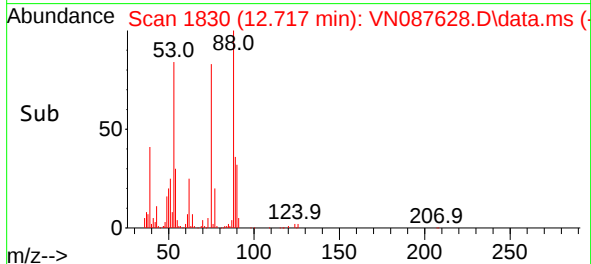
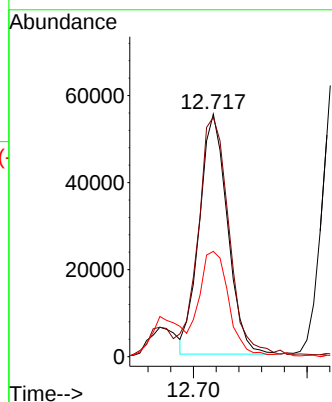
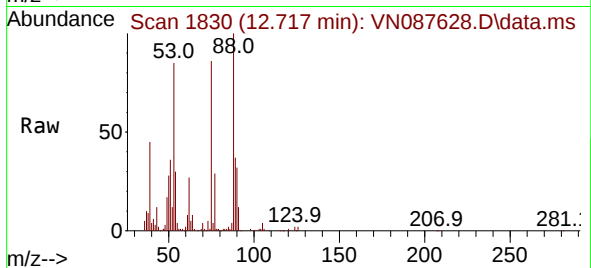




#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.343 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

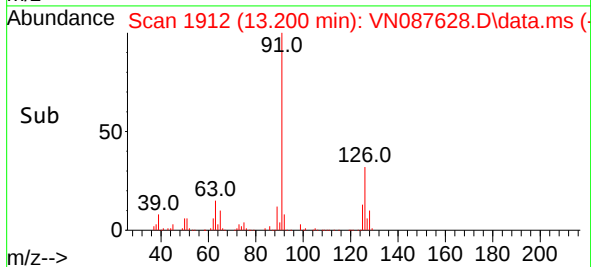
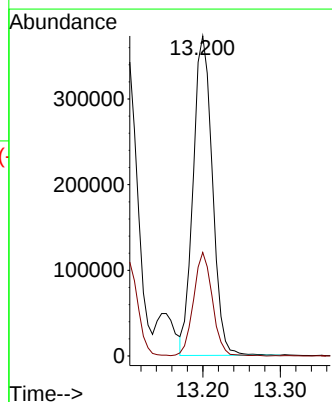
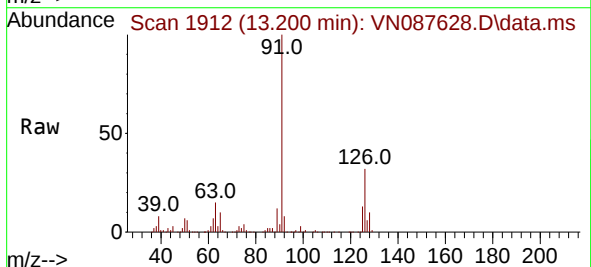
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

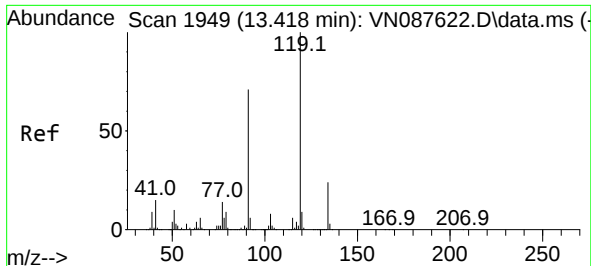
Tgt Ion: 75 Resp: 94913  
Ion Ratio Lower Upper  
75 100  
53 108.7 101.8 152.6  
89 44.4 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 44.088 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 91 Resp: 641958  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.6 46.8

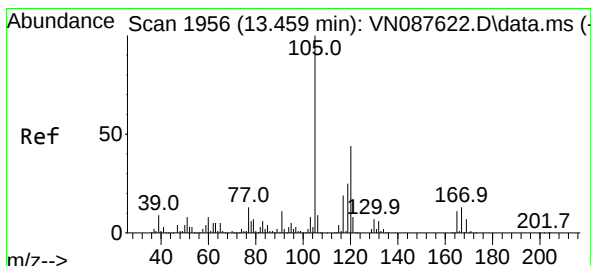
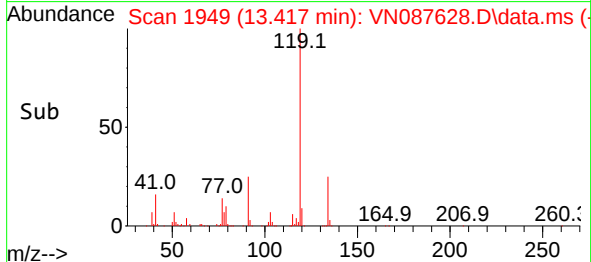
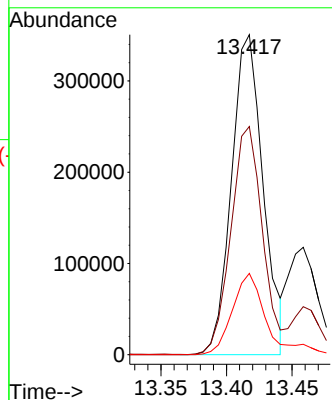
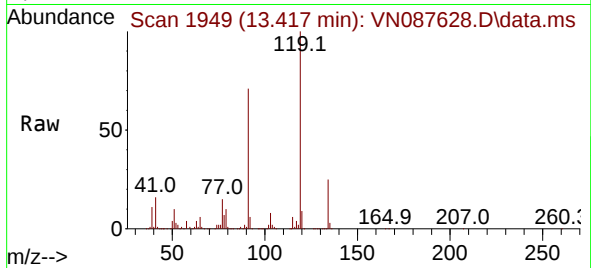




#83  
 tert-Butylbenzene  
 Concen: 44.622 ug/l  
 RT: 13.417 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

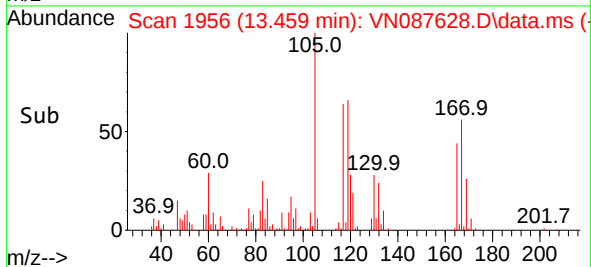
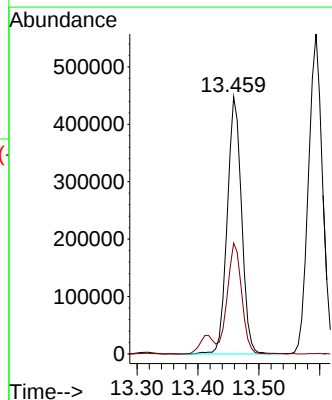
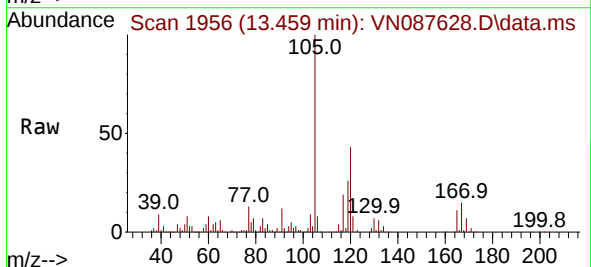
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

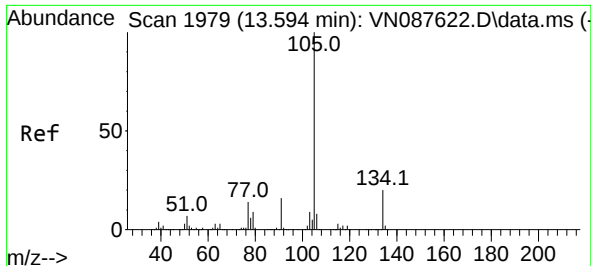
Tgt Ion:119 Resp: 589351  
 Ion Ratio Lower Upper  
 119 100  
 91 70.9 35.0 105.0  
 134 27.3 12.6 37.8



#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.093 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion:105 Resp: 731327  
 Ion Ratio Lower Upper  
 105 100  
 120 43.2 22.0 66.0

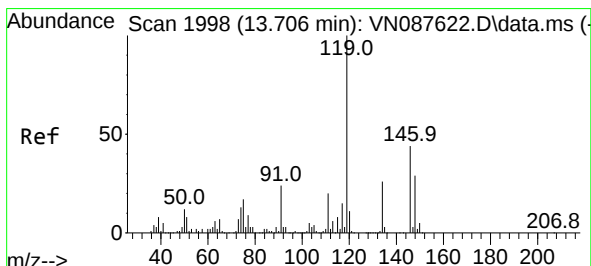
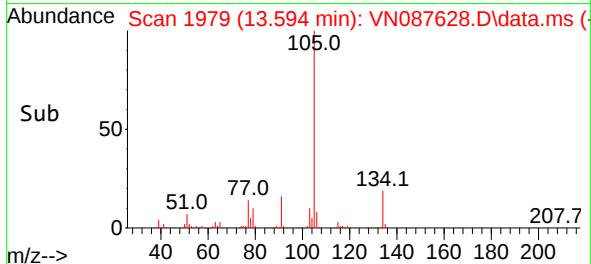
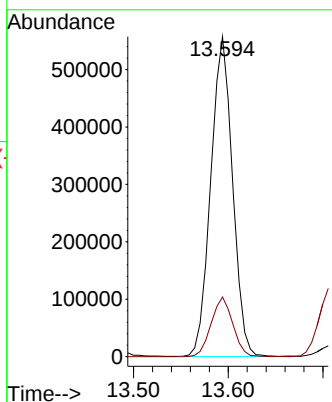
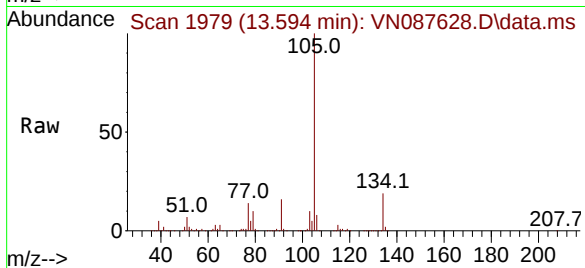




#85  
 sec-Butylbenzene  
 Concen: 45.394 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

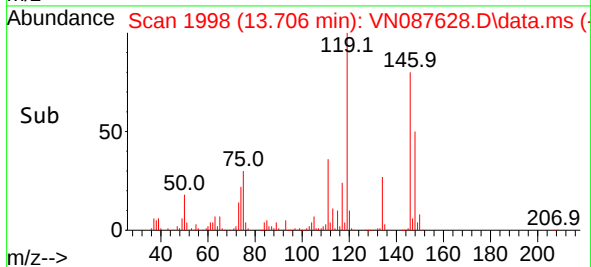
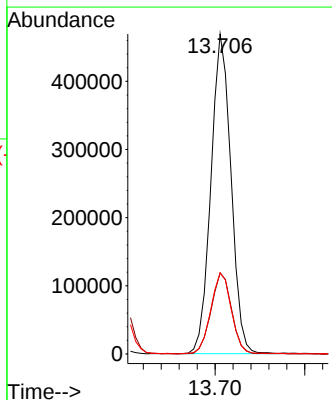
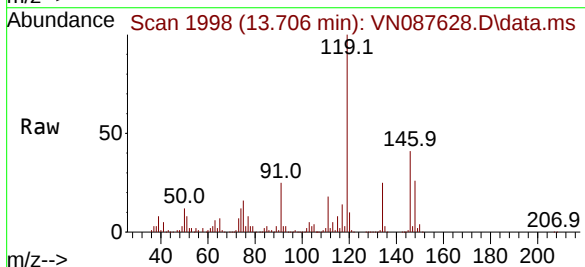
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

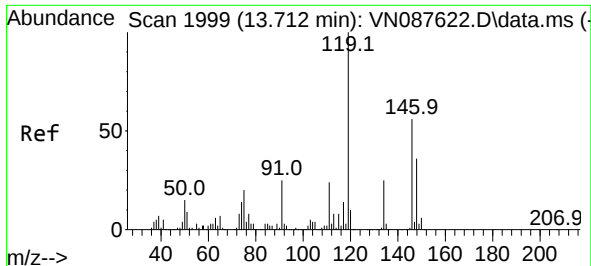
Tgt Ion:105 Resp: 889721  
 Ion Ratio Lower Upper  
 105 100  
 134 18.5 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 44.908 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087628.D  
 Acq: 22 Aug 2025 09:16

Tgt Ion:119 Resp: 726821  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.7 38.0  
 91 26.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 42.915 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

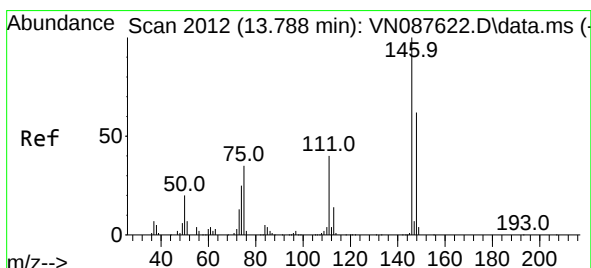
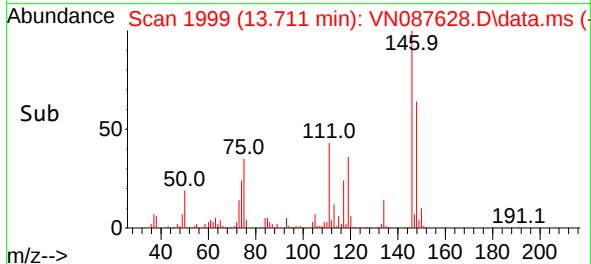
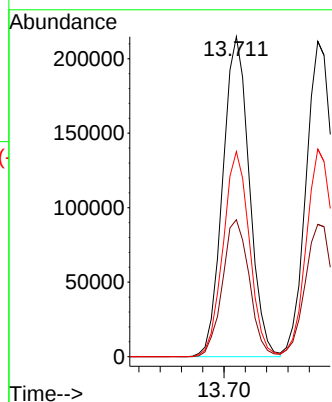
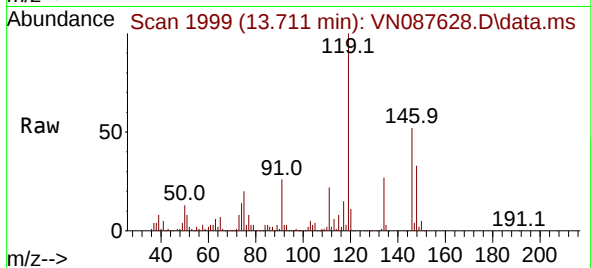
Tgt Ion:146 Resp: 372290

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.5

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 41.789 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

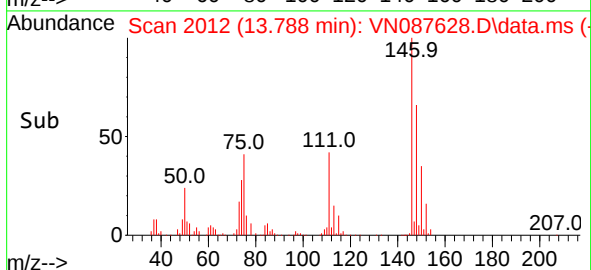
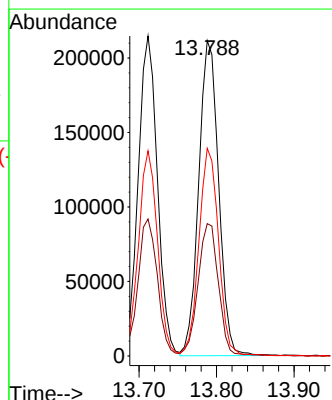
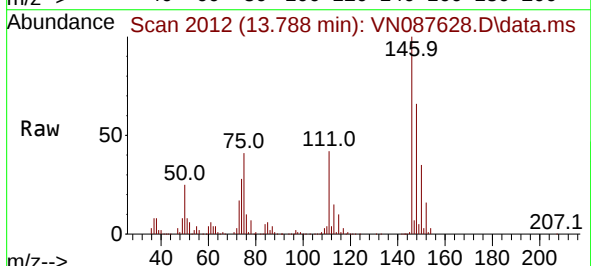
Tgt Ion:146 Resp: 377265

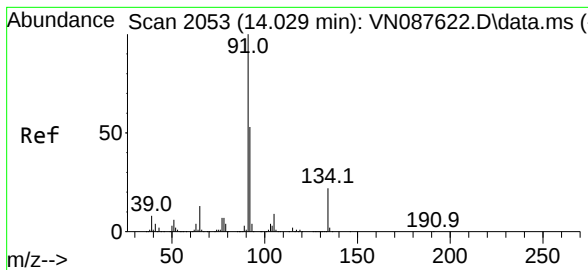
Ion Ratio Lower Upper

146 100

111 43.4 21.0 63.0

148 64.7 32.0 96.0

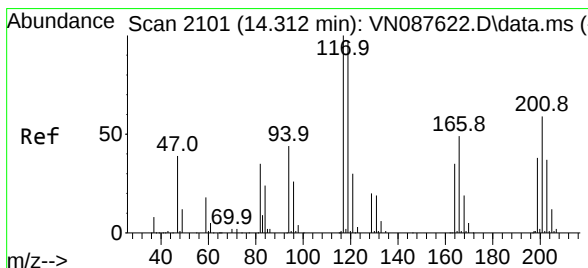
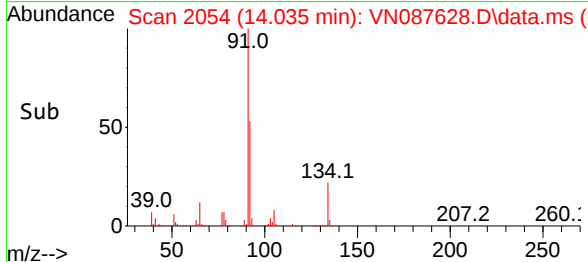
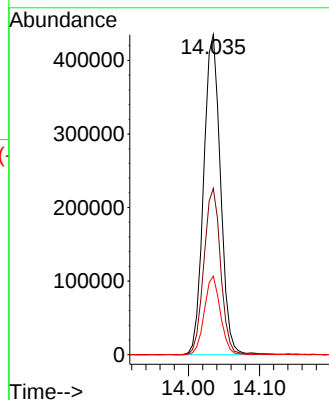
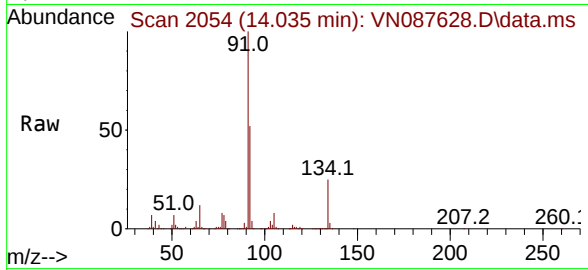




#89  
n-Butylbenzene  
Concen: 44.686 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.006 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

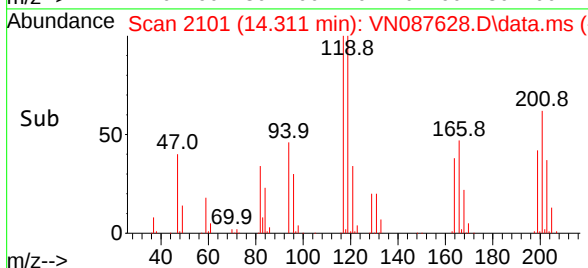
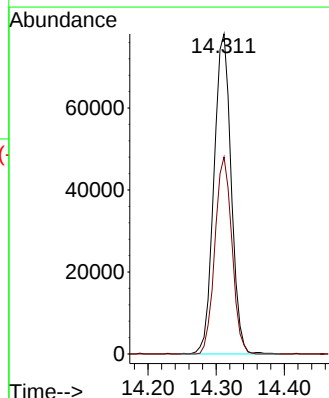
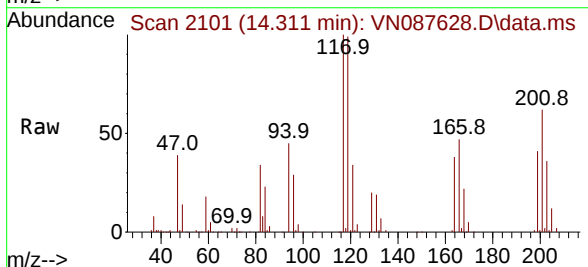
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ClientSampleId :  
VSTDCCC050

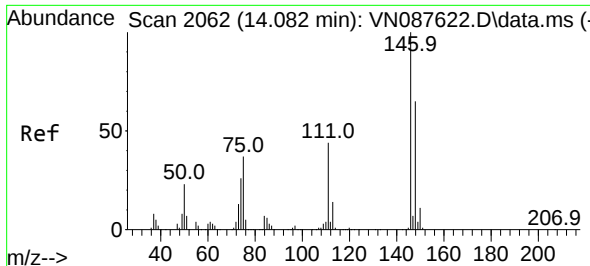
Tgt Ion: 91 Resp: 718281  
Ion Ratio Lower Upper  
91 100  
92 51.5 25.9 77.8  
134 23.5 11.7 35.0



#90  
Hexachloroethane  
Concen: 44.505 ug/l  
RT: 14.311 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 117 Resp: 137228  
Ion Ratio Lower Upper  
117 100  
201 60.7 29.1 87.4

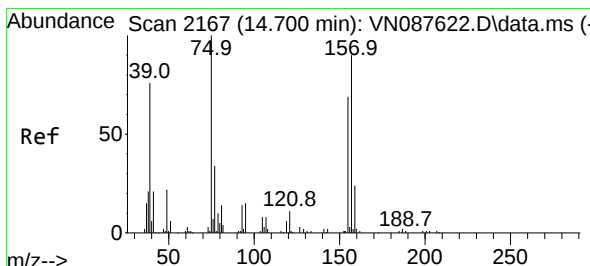
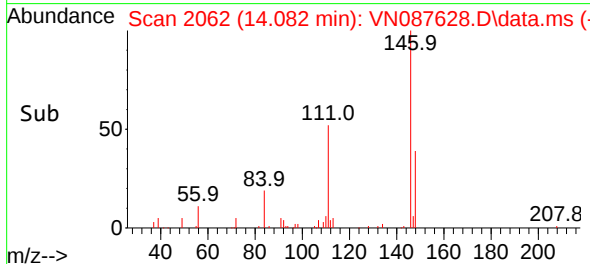
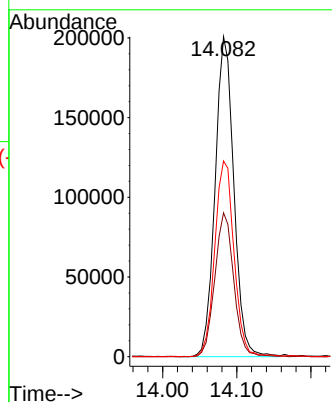
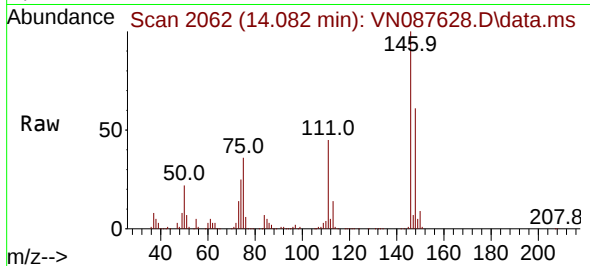




#91  
1,2-Dichlorobenzene  
Concen: 42.844 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

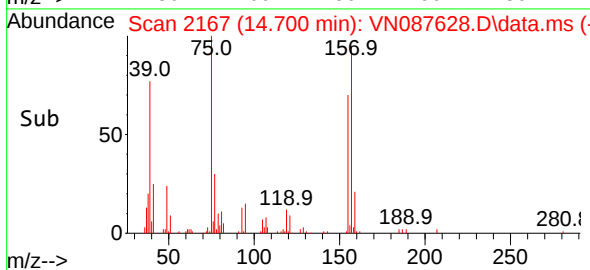
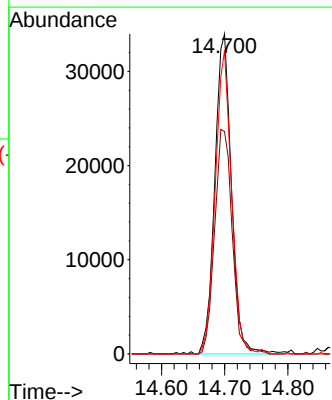
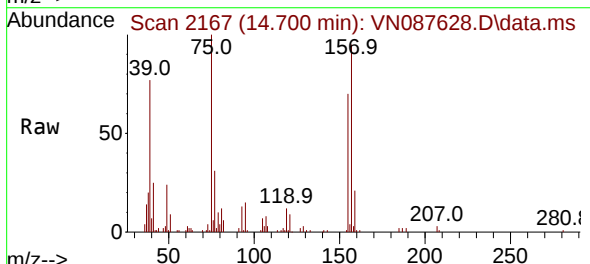
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

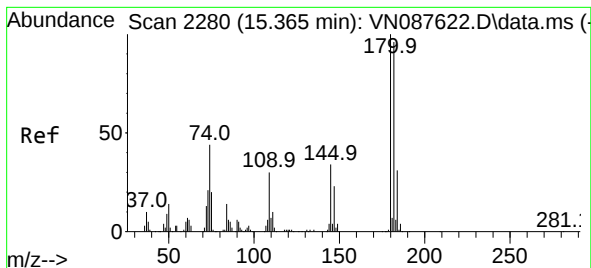
Tgt Ion:146 Resp: 352610  
Ion Ratio Lower Upper  
146 100  
111 45.4 22.6 67.8  
148 62.9 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.800 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. -0.000 min  
Lab File: VN087628.D  
Acq: 22 Aug 2025 09:16

Tgt Ion: 75 Resp: 62345  
Ion Ratio Lower Upper  
75 100  
155 73.9 36.6 109.9  
157 92.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 42.293 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

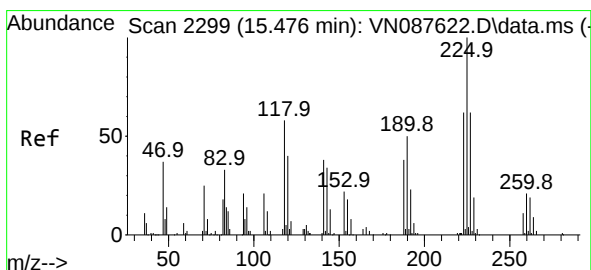
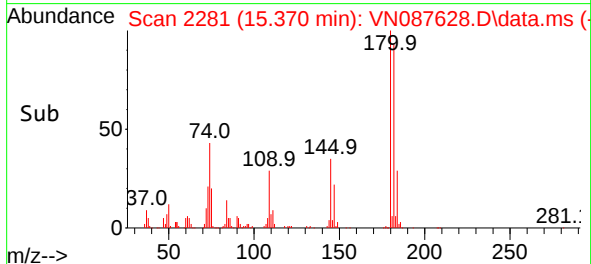
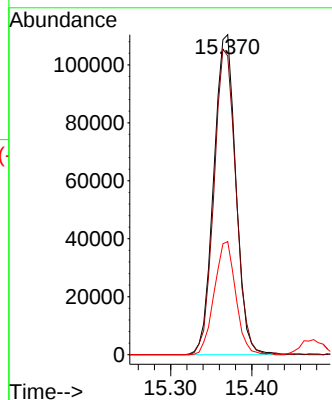
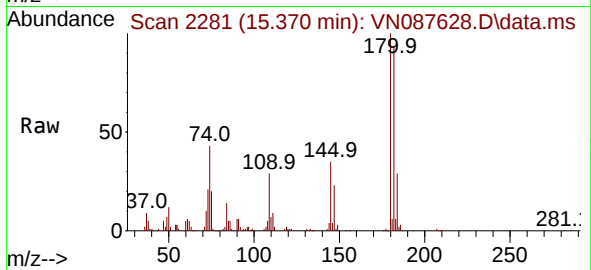
Tgt Ion:180 Resp: 209019

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 34.3 16.5 49.5



#94

Hexachlorobutadiene

Concen: 41.101 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

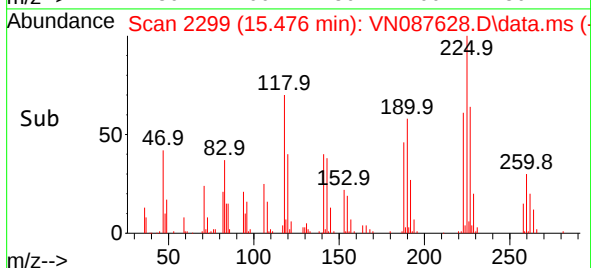
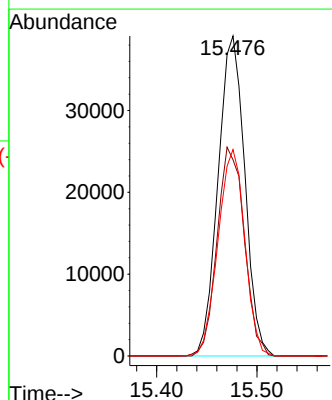
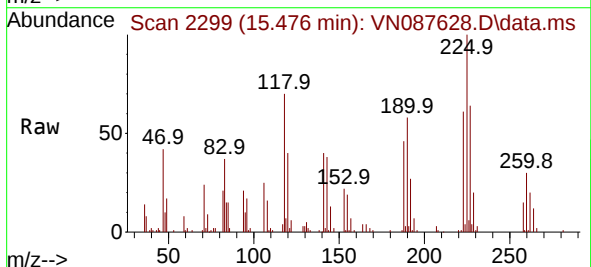
Tgt Ion:225 Resp: 72416

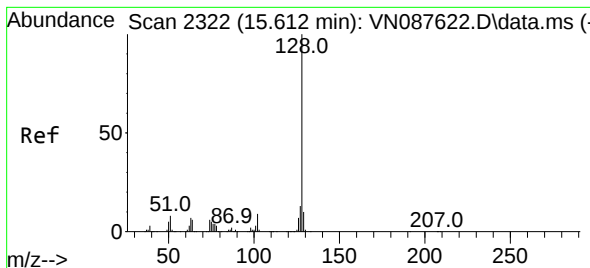
Ion Ratio Lower Upper

225 100

223 66.1 32.0 96.2

227 64.7 32.1 96.5





#95

Naphthalene

Concen: 42.629 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

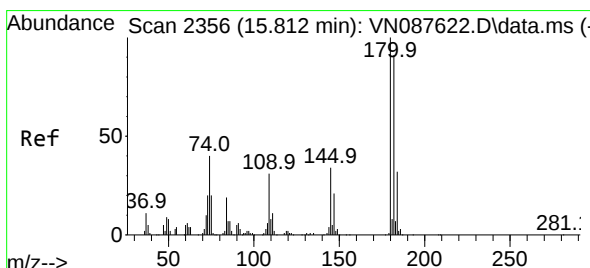
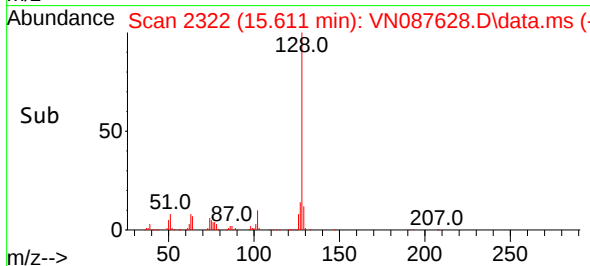
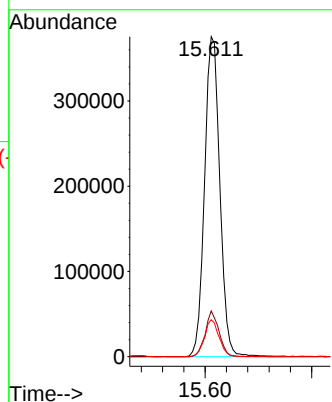
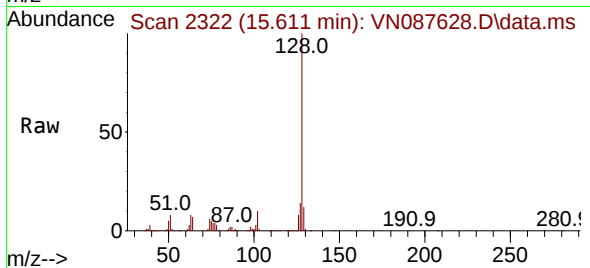
Tgt Ion:128 Resp: 746235

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 41.855 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Tgt Ion:180 Resp: 202223

Ion Ratio Lower Upper

180 100

182 94.9 46.8 140.3

145 36.3 17.3 52.0

