

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090825\  
 Data File : VN087762.D  
 Acq On : 08 Sep 2025 16:07  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 09 02:30:32 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  | 247140   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 467958   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 430096   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 225729   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 219548   | 43.358   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 86.720% |
| 35) Dibromofluoromethane    | 8.147  | 113   | 159446   | 47.192   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.380% |
| 50) Toluene-d8              | 10.547 | 98    | 602622   | 47.654   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.300% |
| 62) 4-Bromofluorobenzene    | 12.823 | 95    | 219438   | 48.794   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 97.580% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 158844  | 45.254  | ug/l   | 97  |
| 3) Chloromethane             | 2.383 | 50  | 150963  | 41.850  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.536 | 62  | 186563  | 44.606  | ug/l   | 99  |
| 5) Bromomethane              | 2.971 | 94  | 98640   | 45.707  | ug/l   | 98  |
| 6) Chloroethane              | 3.136 | 64  | 124159  | 42.237  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 303535  | 49.535  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.959 | 74  | 110592  | 41.441  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 171875  | 49.570  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.577 | 142 | 100493  | 40.310  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 178444  | 202.994 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 161961  | 45.455  | ug/l   | 93  |
| 13) Acrolein                 | 4.171 | 56  | 229141  | 212.032 | ug/l   | 100 |
| 14) Allyl chloride           | 5.018 | 41  | 242035  | 37.484  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.706 | 53  | 506914  | 204.469 | ug/l   | 99  |
| 16) Acetone                  | 4.418 | 43  | 501450  | 181.917 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.700 | 76  | 384044  | 39.151  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.018 | 43  | 277013  | 47.997  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.783 | 73  | 544017  | 40.699  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.265 | 84  | 161463  | 40.255  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 155192  | 40.188  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.659 | 45  | 582623  | 41.813  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.588 | 43  | 2594898 | 204.692 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 317754  | 41.591  | ug/l   | 100 |
| 25) 2-Butanone               | 7.465 | 43  | 728182  | 200.796 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 283354  | 43.213  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 188598  | 40.852  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.794 | 49  | 157774  | 42.717  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 483012  | 206.959 | ug/l   | 99  |
| 30) Chloroform               | 7.947 | 83  | 331240  | 42.478  | ug/l   | 100 |
| 31) Cyclohexane              | 8.241 | 56  | 279467  | 43.879  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.147 | 97  | 289628  | 43.826  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 225887  | 43.580  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.547 | 43  | 291756  | 41.192  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 8.347 | 117 | 251812  | 49.205  | ug/l   | 91  |
| 39) Methylcyclohexane        | 9.576 | 83  | 273029  | 47.845  | ug/l   | 95  |
| 40) Benzene                  | 8.588 | 78  | 700460  | 44.060  | ug/l   | 98  |

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 Data File : VN087762.D  
 Acq On : 08 Sep 2025 16:07  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Sep 09 02:30:32 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   | 156266   | 42.592  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.647  | 62   | 256692   | 42.017  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.671  | 43   | 476943   | 43.131  | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 156748   | 43.186  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 177853   | 42.442  | ug/l   | 98       |
| 46) Dibromomethane            | 9.688  | 93   | 130123   | 43.636  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.865  | 83   | 274781   | 44.961  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.659  | 41   | 220364   | 42.130  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.676  | 88   | 59552    | 878.409 | ug/l # | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 1499020  | 224.679 | ug/l   | 100      |
| 52) Toluene                   | 10.612 | 92   | 435643   | 44.202  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.812 | 75   | 283929   | 44.882  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.288 | 75   | 289705   | 44.105  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 171500   | 44.982  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 279458   | 45.865  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 299826   | 44.435  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 722803   | 219.171 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 1018568  | 241.562 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.335 | 129  | 198161   | 44.856  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 177644   | 44.188  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 129069   | 43.254  | ug/l   | 94       |
| 65) Chlorobenzene             | 11.870 | 112  | 482160   | 45.061  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 163969   | 46.159  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.941 | 91   | 861722   | 46.513  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.047 | 106  | 640561   | 94.277  | ug/l   | 100      |
| 69) o-Xylene                  | 12.376 | 106  | 310704   | 46.662  | ug/l   | 98       |
| 70) Styrene                   | 12.388 | 104  | 530976   | 47.599  | ug/l   | 98       |
| 71) Bromoform                 | 12.559 | 173  | 129119   | 47.394  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.670 | 105  | 841582   | 46.138  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 169457   | 24.515  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 272306   | 43.362  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 358174   | 67.663  | ug/l   | 63       |
| 77) Bromobenzene              | 12.959 | 156  | 183196   | 42.596  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.011 | 91   | 1054241  | 46.923  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 608328   | 44.992  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 707361   | 45.714  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 92113    | 46.068  | ug/l   | 84       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 621490   | 43.719  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.411 | 119  | 622909   | 48.308  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 708372   | 45.731  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.594 | 105  | 943930   | 49.329  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 761630   | 48.202  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 369293   | 43.603  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 378836   | 42.982  | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.029 | 91   | 765972   | 48.810  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.306 | 117  | 149807   | 49.764  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 354663   | 44.140  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 59960    | 40.193  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 212589   | 44.060  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 87209    | 50.699  | ug/l   | 98       |
| 95) Naphthalene               | 15.611 | 128  | 743352   | 43.496  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 201627   | 42.746  | ug/l   | 98       |

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

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Sep 09 02:30:32 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

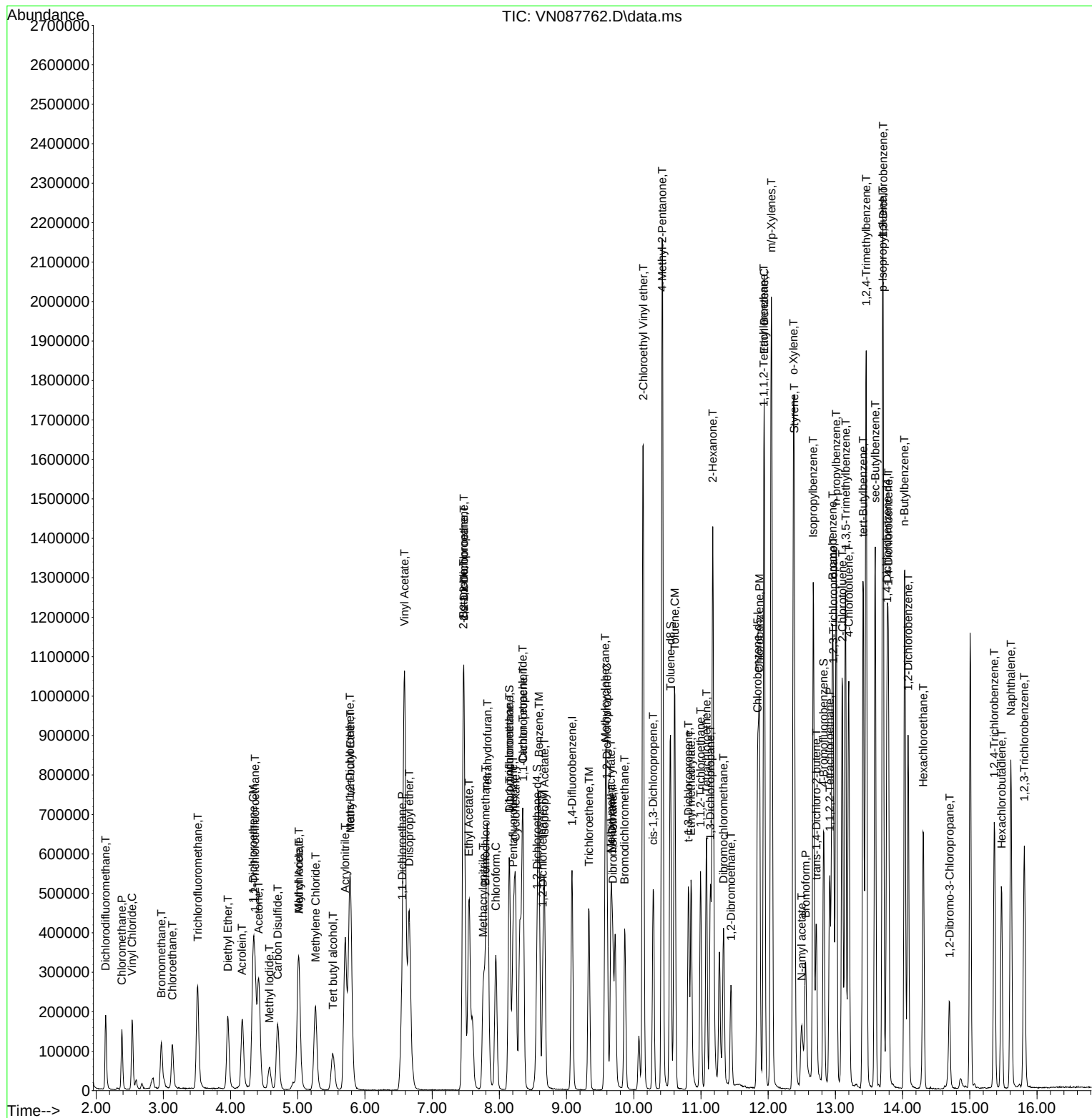
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

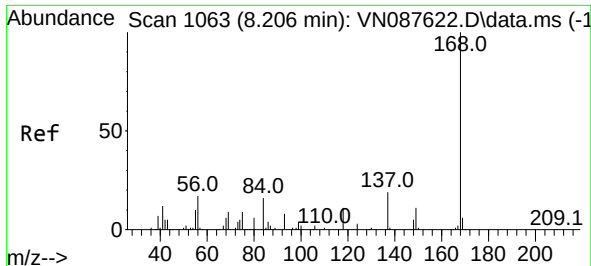
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN090825\  
 Data File : VN087762.D  
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 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

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 QLast Update : Fri Aug 22 02:55:42 2025  
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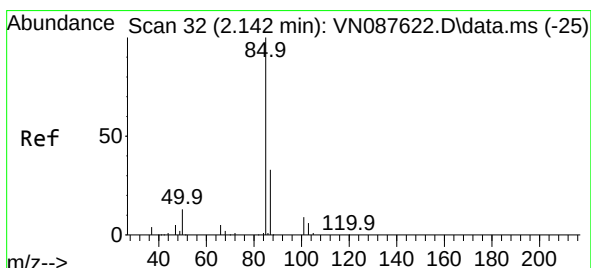
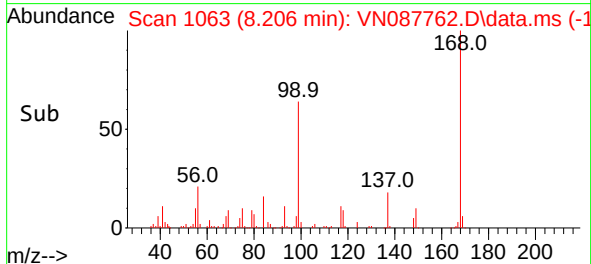
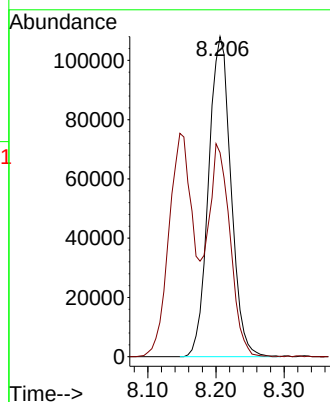
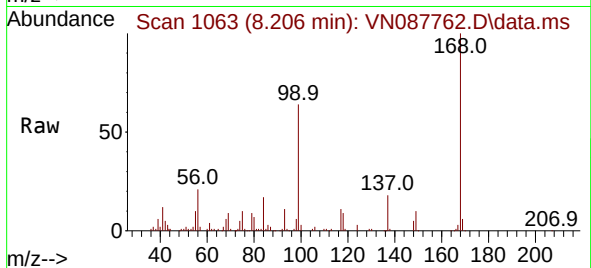




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

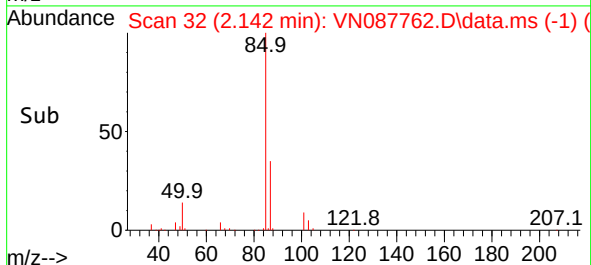
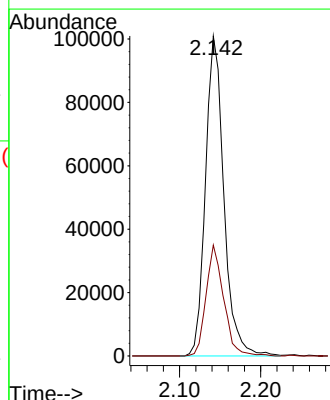
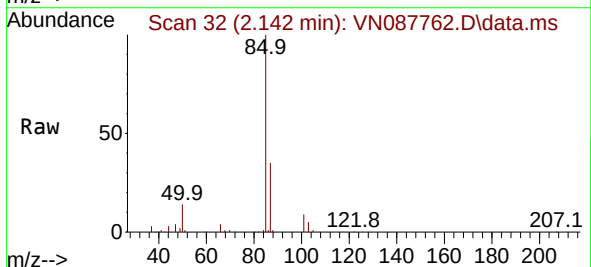
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

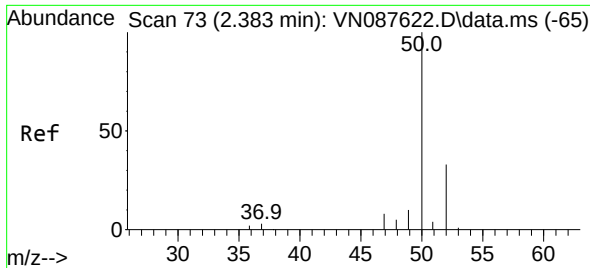
Tgt Ion:168 Resp: 247140  
Ion Ratio Lower Upper  
168 100  
99 63.6 57.2 85.8



#2  
Dichlorodifluoromethane  
Concen: 45.254 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 85 Resp: 158844  
Ion Ratio Lower Upper  
85 100  
87 34.7 16.6 49.8

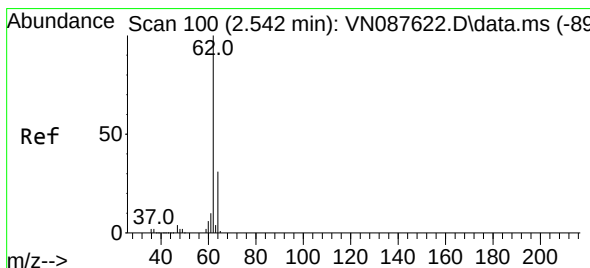
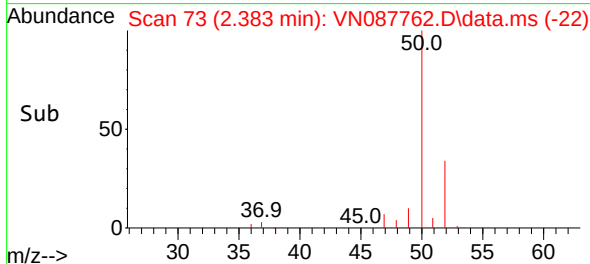
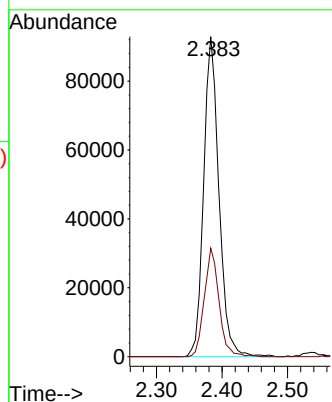
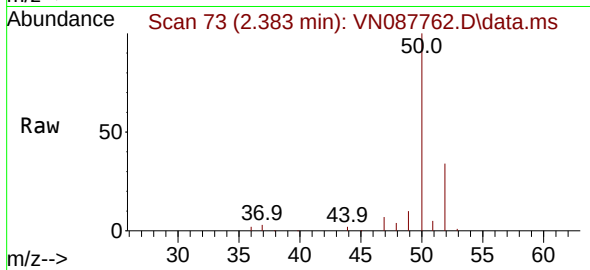




#3  
Chloromethane  
Concen: 41.850 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

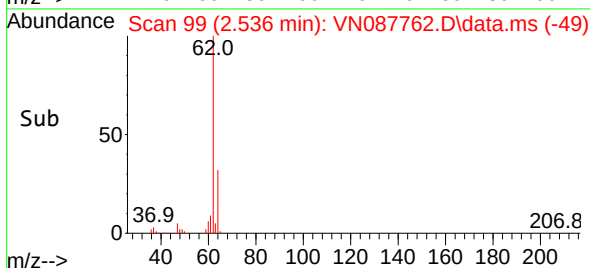
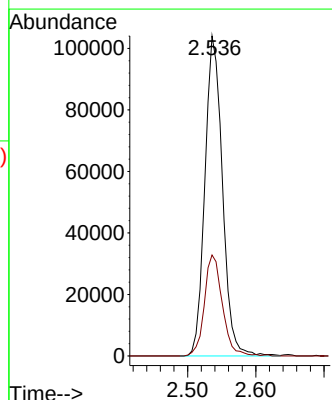
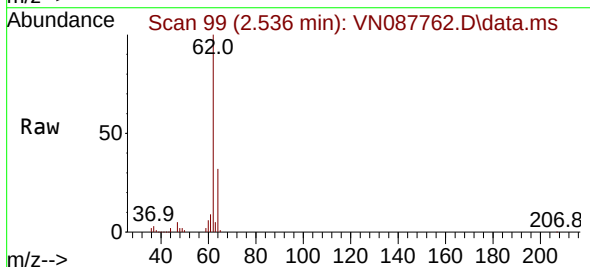
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

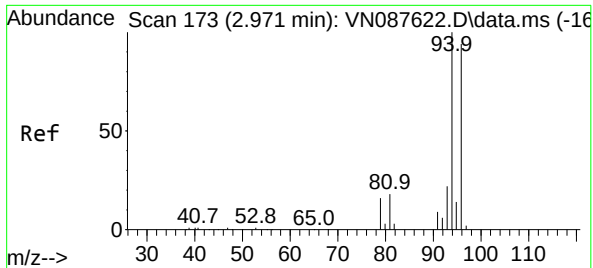
Tgt Ion: 50 Resp: 150963  
Ion Ratio Lower Upper  
50 100  
52 33.9 26.2 39.4



#4  
Vinyl Chloride  
Concen: 44.606 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 62 Resp: 186563  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.6 37.0

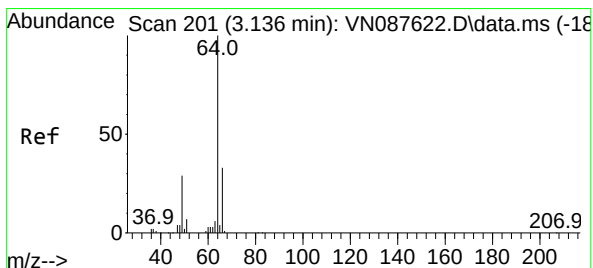
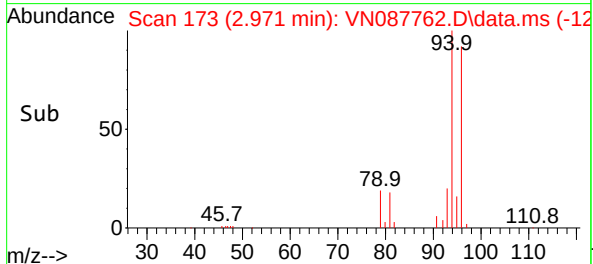
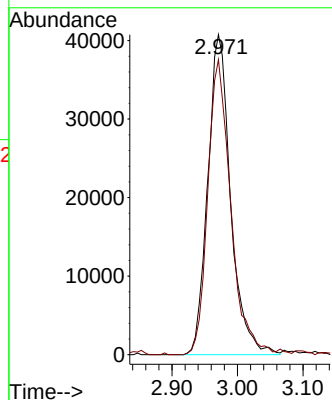
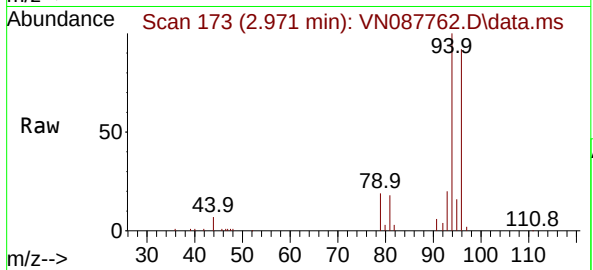




#5  
Bromomethane  
Concen: 45.707 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

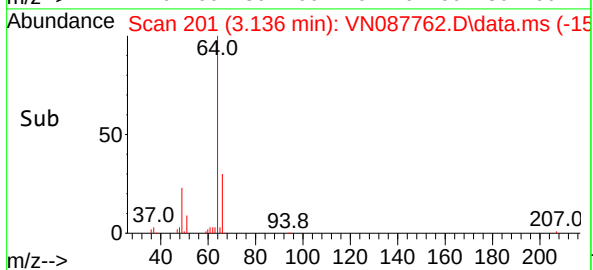
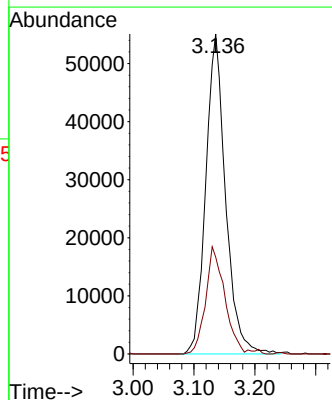
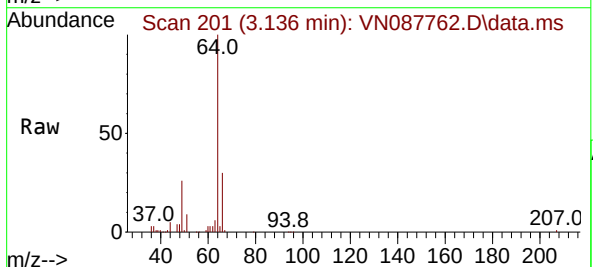
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

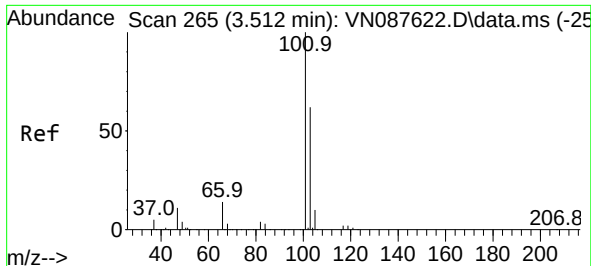
Tgt Ion: 94 Resp: 98640  
Ion Ratio Lower Upper  
94 100  
96 92.2 75.4 113.2



#6  
Chloroethane  
Concen: 42.237 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 64 Resp: 124159  
Ion Ratio Lower Upper  
64 100  
66 30.3 26.2 39.2

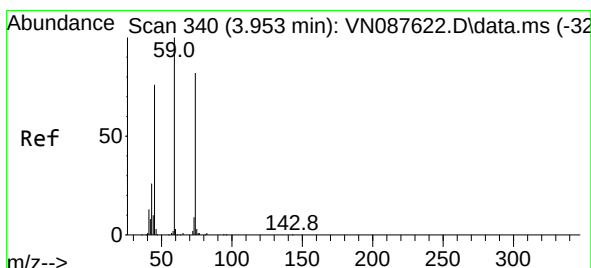
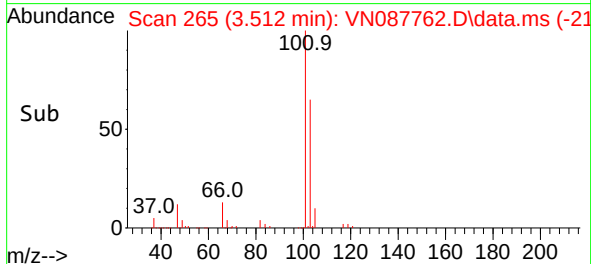
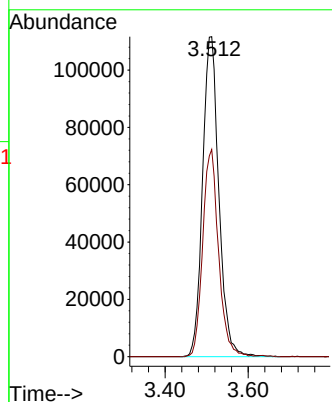
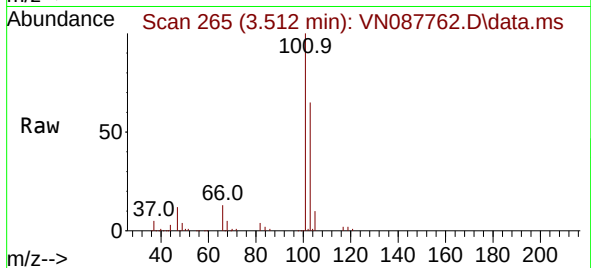




#7  
 Trichlorofluoromethane  
 Concen: 49.535 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

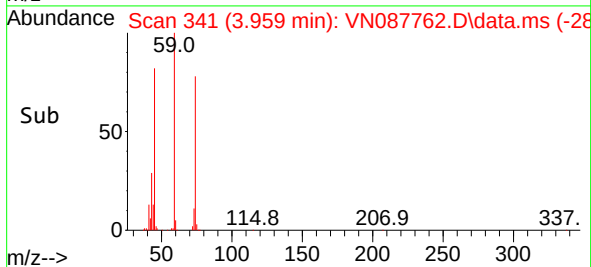
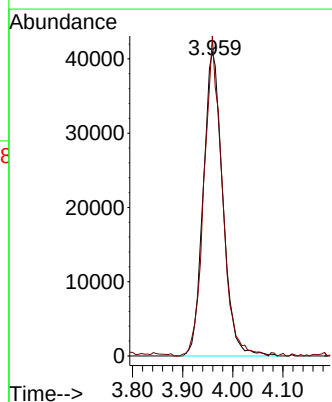
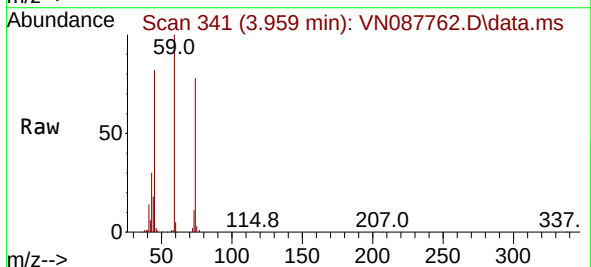
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 303535  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 49.4 74.0

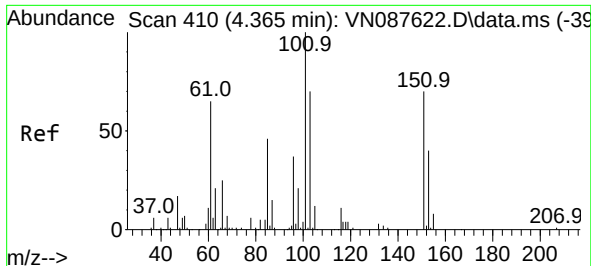


#8  
 Diethyl Ether  
 Concen: 41.441 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion: 74 Resp: 110592  
 Ion Ratio Lower Upper  
 74 100  
 45 98.3 50.6 151.9



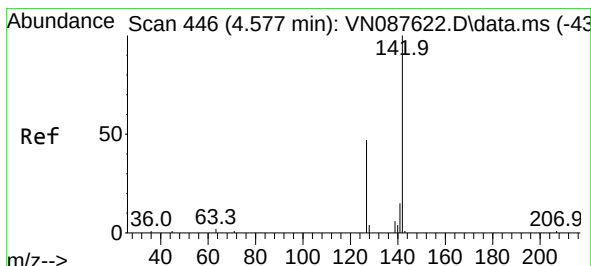
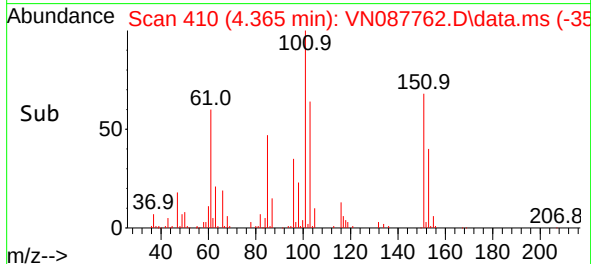
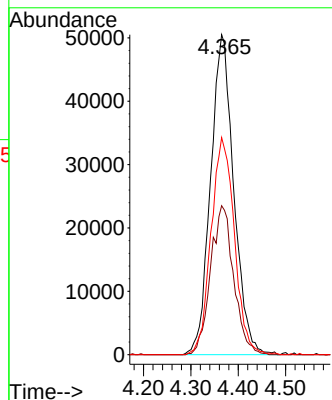
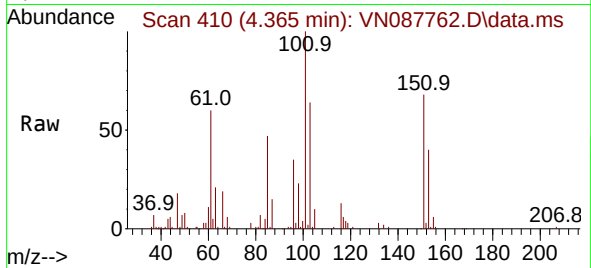




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.570 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

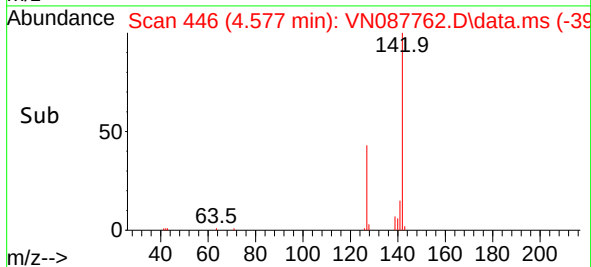
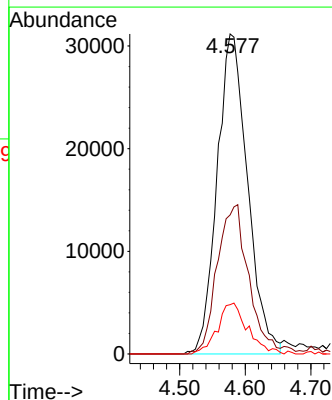
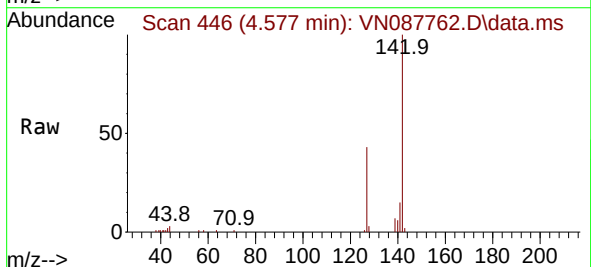
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

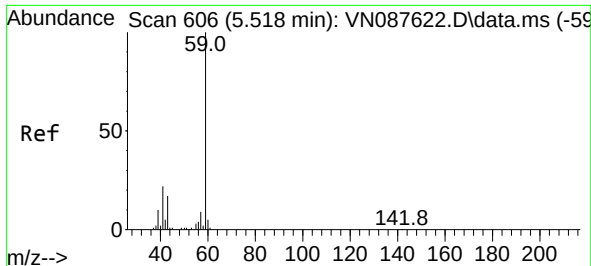
Tgt Ion:101 Resp: 171875  
Ion Ratio Lower Upper  
101 100  
85 46.4 36.6 55.0  
151 68.4 54.7 82.1



#10  
Methyl Iodide  
Concen: 40.310 ug/l  
RT: 4.577 min Scan# 446  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:142 Resp: 100493  
Ion Ratio Lower Upper  
142 100  
127 43.4 38.0 57.0  
141 15.4 12.0 18.0

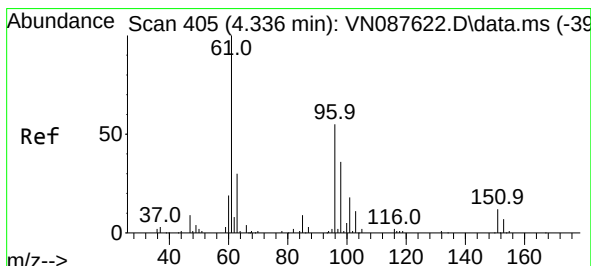
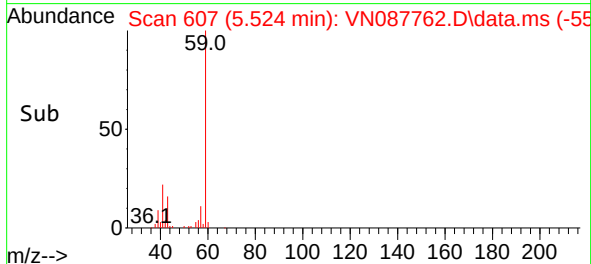
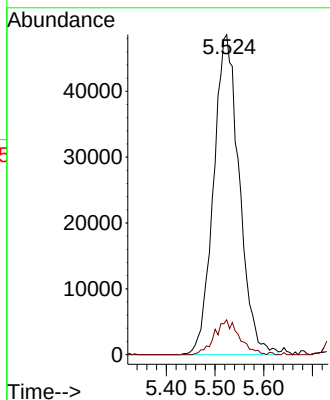
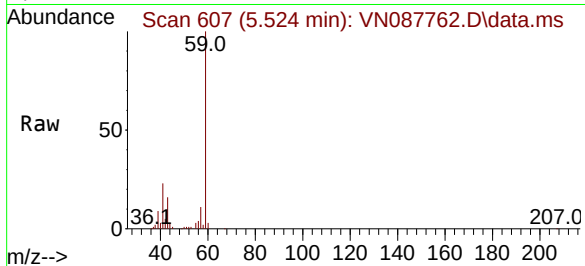




#11  
Tert butyl alcohol  
Concen: 202.994 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

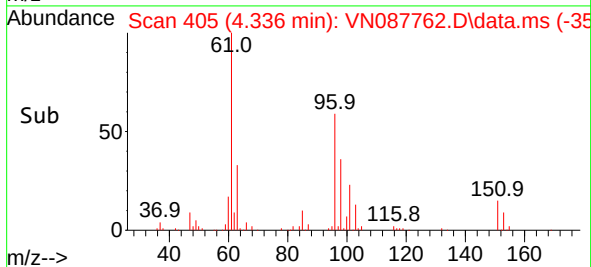
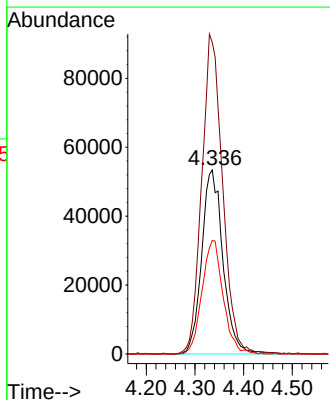
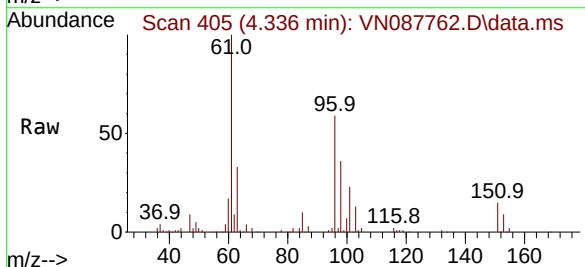
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

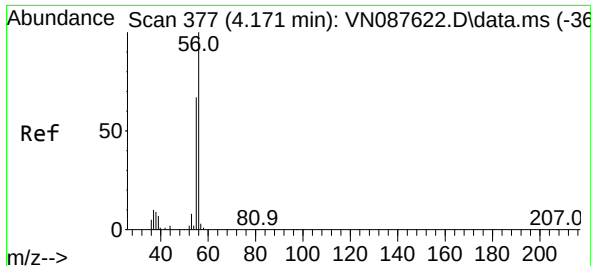
Tgt Ion: 59 Resp: 178444  
Ion Ratio Lower Upper  
59 100  
57 10.4 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 45.455 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 96 Resp: 161961  
Ion Ratio Lower Upper  
96 100  
61 168.9 143.8 215.8  
98 61.6 52.1 78.1





#13

Acrolein

Concen: 212.032 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

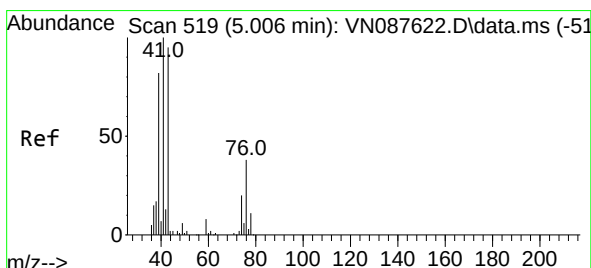
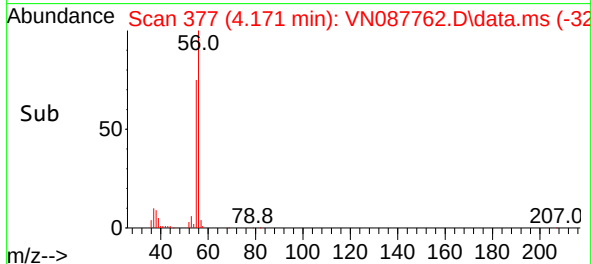
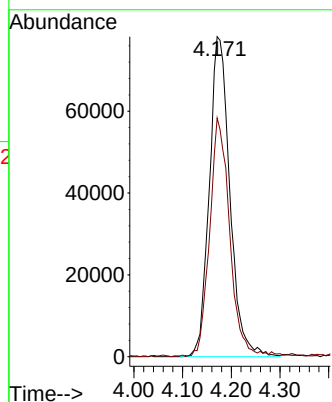
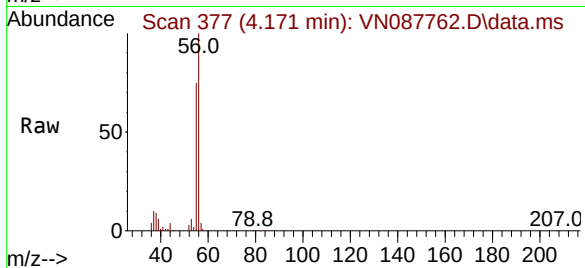
VSTDCCC050EC

Tgt Ion: 56 Resp: 229141

Ion Ratio Lower Upper

56 100

55 71.7 57.3 85.9



#14

Allyl chloride

Concen: 37.484 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.012 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

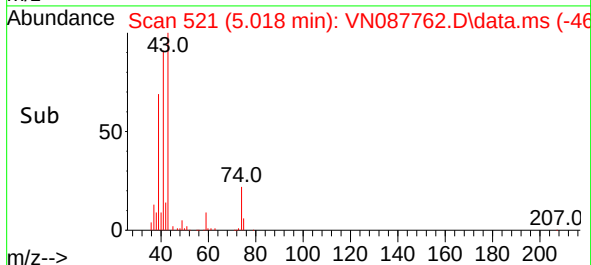
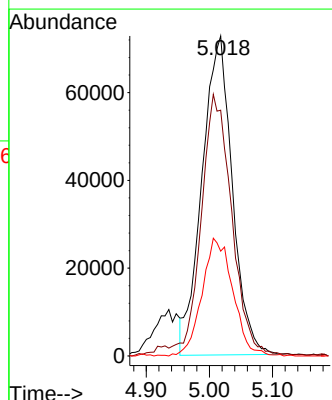
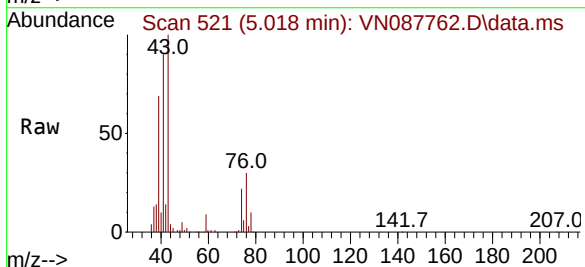
Tgt Ion: 41 Resp: 242035

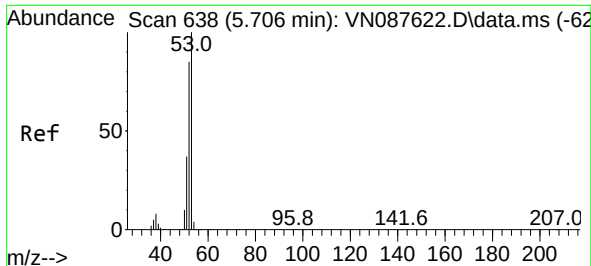
Ion Ratio Lower Upper

41 100

39 82.4 63.9 95.9

76 37.8 28.1 42.1

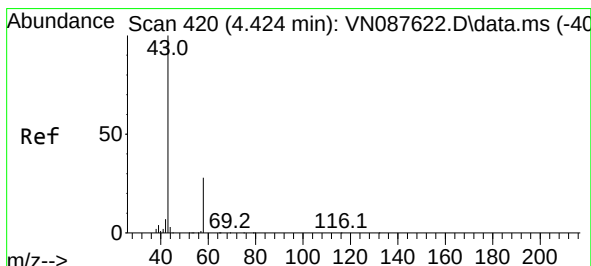
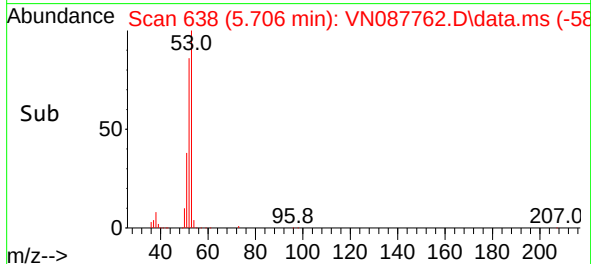
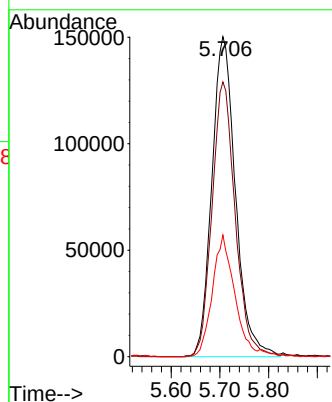
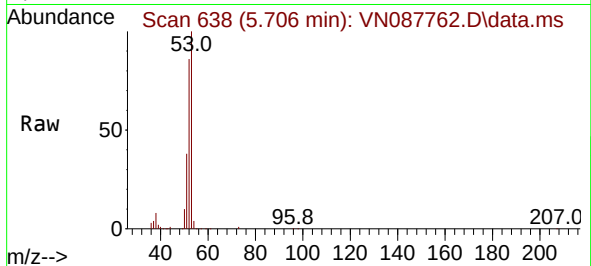




#15  
Acrylonitrile  
Concen: 204.469 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

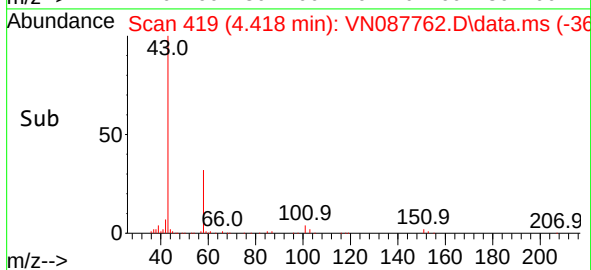
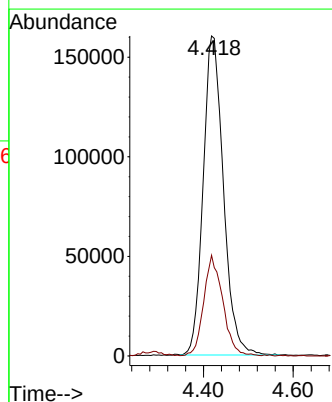
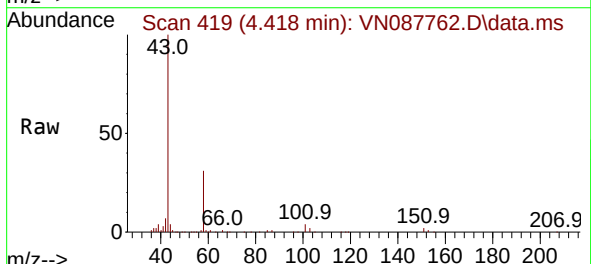
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

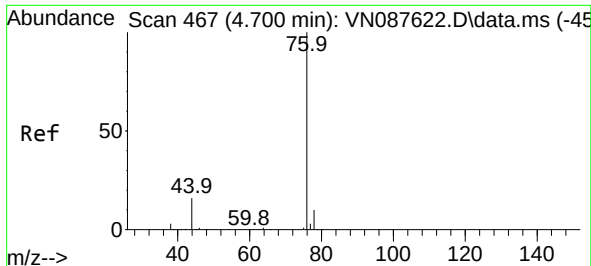
Tgt Ion: 53 Resp: 506914  
Ion Ratio Lower Upper  
53 100  
52 84.0 67.6 101.4  
51 36.6 30.1 45.1



#16  
Acetone  
Concen: 181.917 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 43 Resp: 501450  
Ion Ratio Lower Upper  
43 100  
58 31.5 22.6 33.8

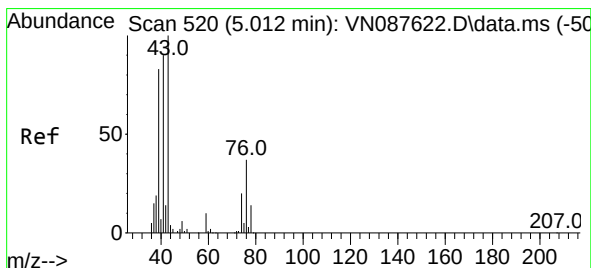
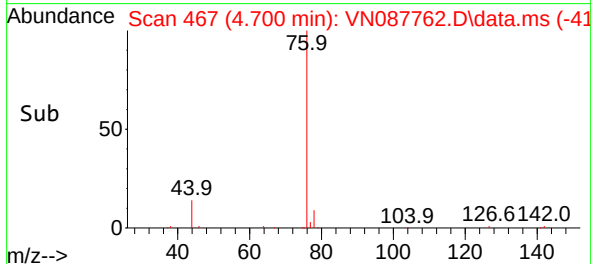
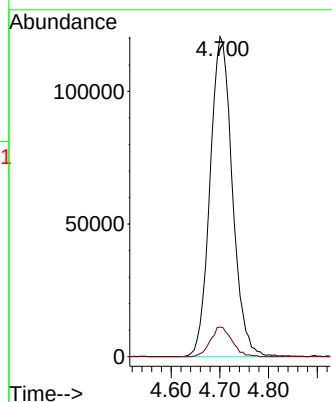
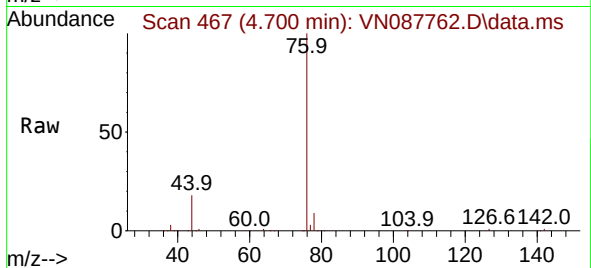




#17  
Carbon Disulfide  
Concen: 39.151 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

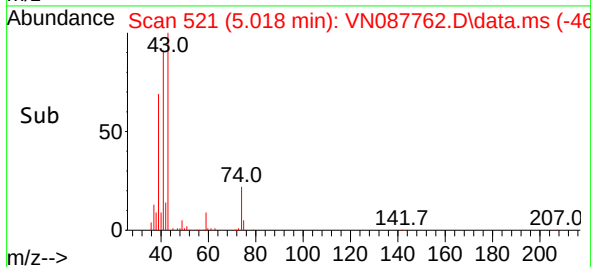
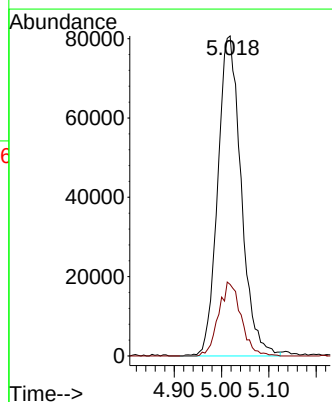
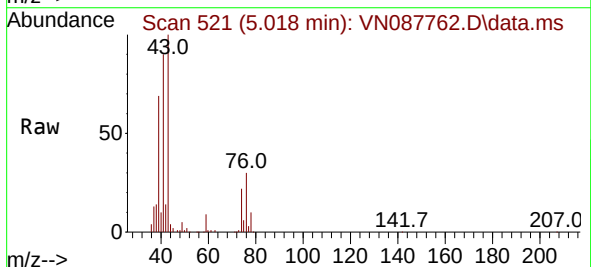
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

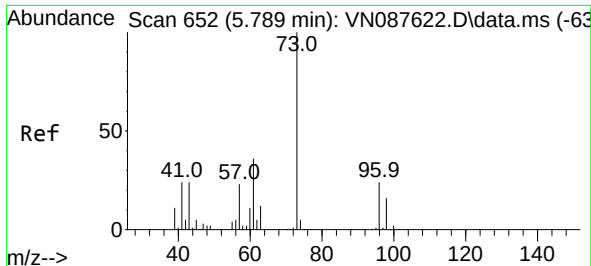
Tgt Ion: 76 Resp: 384044  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.6 11.4



#18  
Methyl Acetate  
Concen: 47.997 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 43 Resp: 277013  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.6 26.4

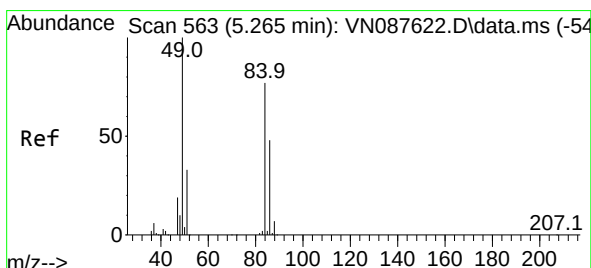
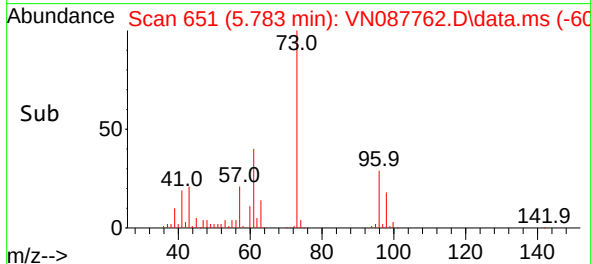
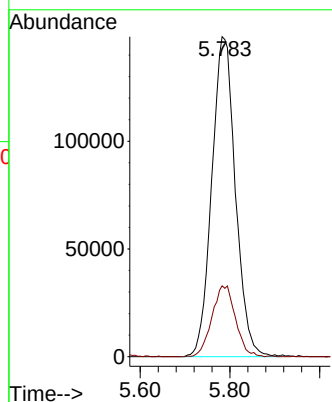
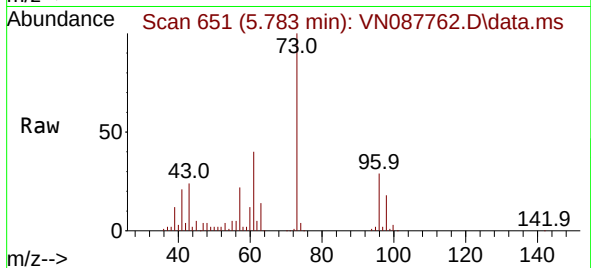




#19  
Methyl tert-butyl Ether  
Concen: 40.699 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

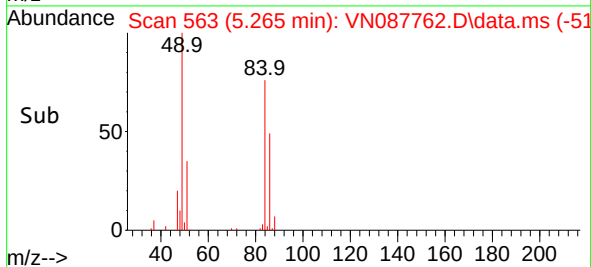
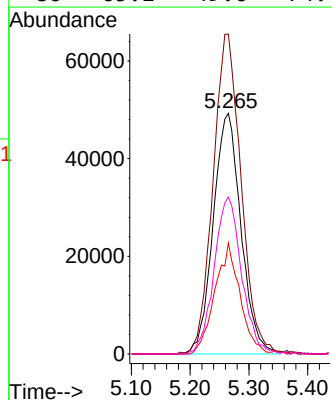
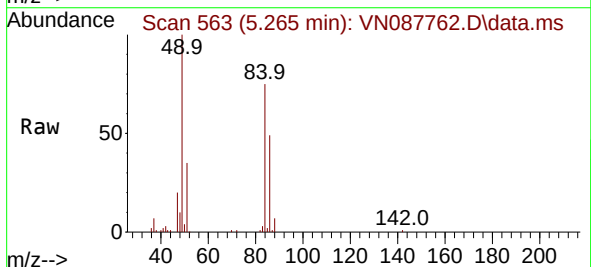
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

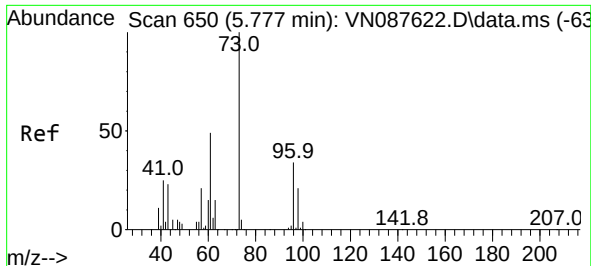
Tgt Ion: 73 Resp: 544017  
Ion Ratio Lower Upper  
73 100  
57 22.2 18.4 27.6



#20  
Methylene Chloride  
Concen: 40.255 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 84 Resp: 161463  
Ion Ratio Lower Upper  
84 100  
49 132.2 103.4 155.2  
51 46.1 33.8 50.8  
86 65.1 49.6 74.4

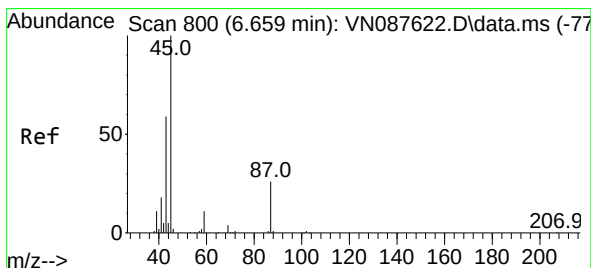
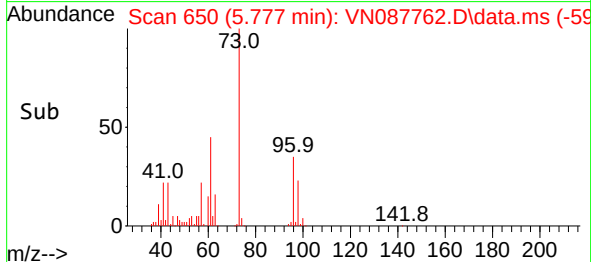
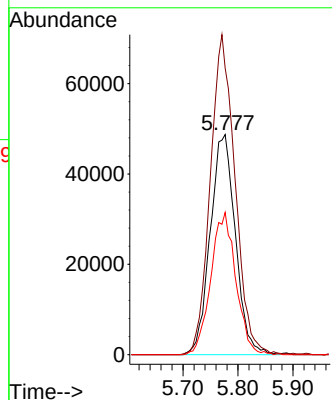
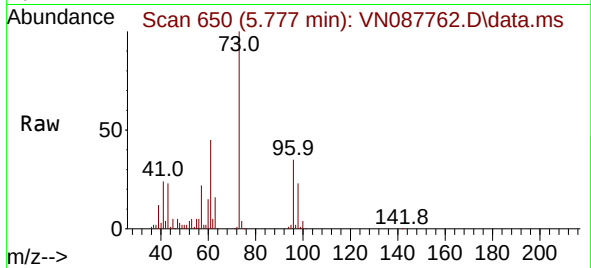




#21  
trans-1,2-Dichloroethene  
Concen: 40.188 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

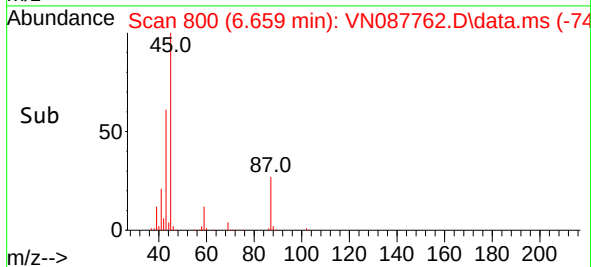
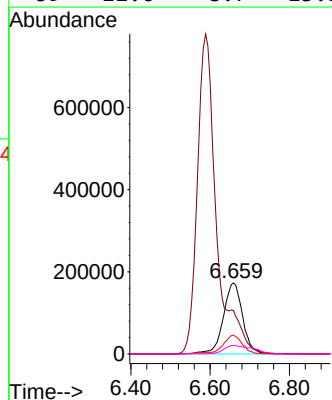
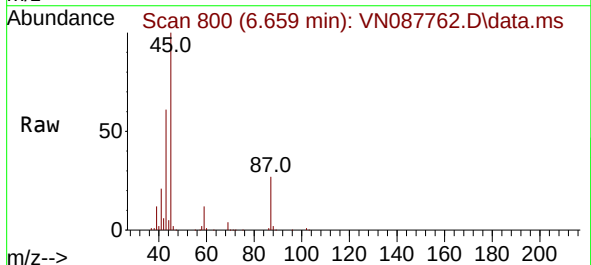
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

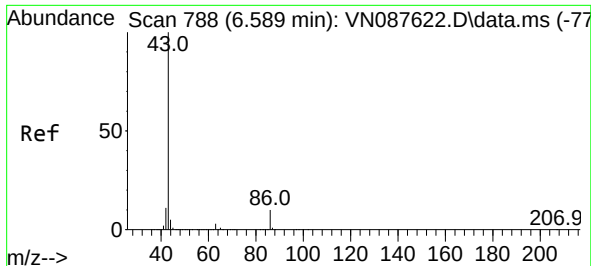
Tgt Ion: 96 Resp: 155192  
Ion Ratio Lower Upper  
96 100  
61 130.2 118.0 177.0  
98 64.6 50.0 75.0



#22  
Diisopropyl ether  
Concen: 41.813 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 45 Resp: 582623  
Ion Ratio Lower Upper  
45 100  
43 60.4 47.7 71.5  
87 26.6 21.4 32.0  
59 11.6 8.7 13.1

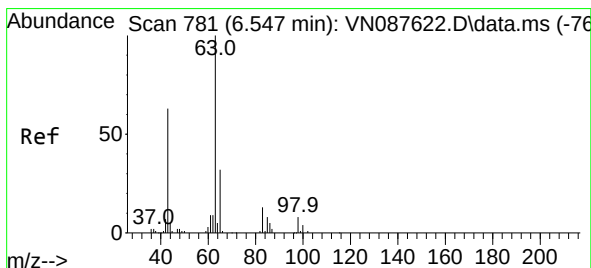
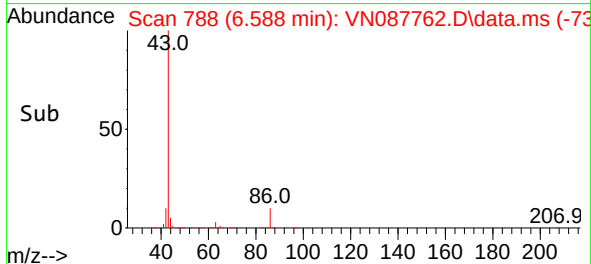
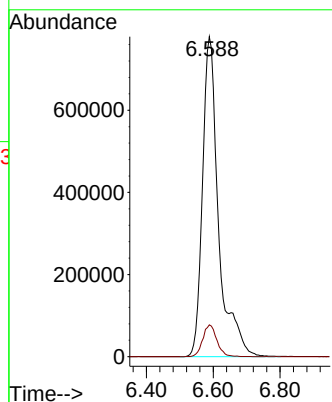
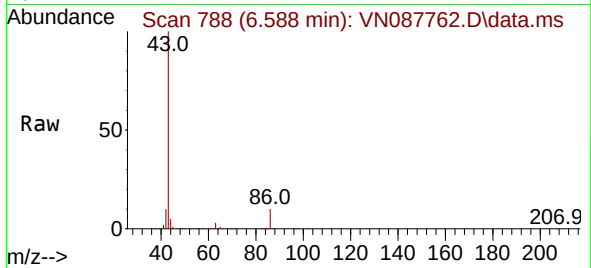




#23  
 Vinyl Acetate  
 Concen: 204.692 ug/l  
 RT: 6.588 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

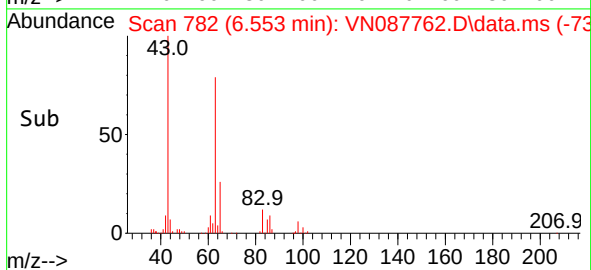
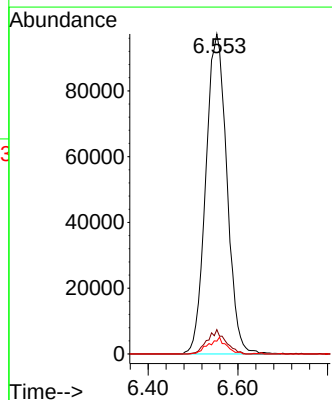
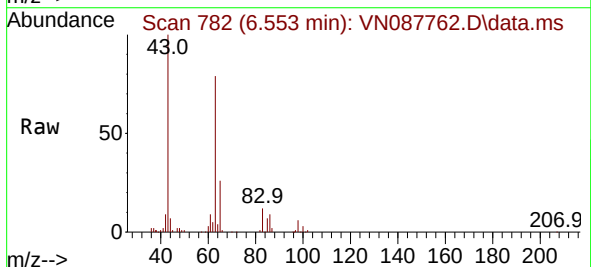
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2594898  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.2 12.4

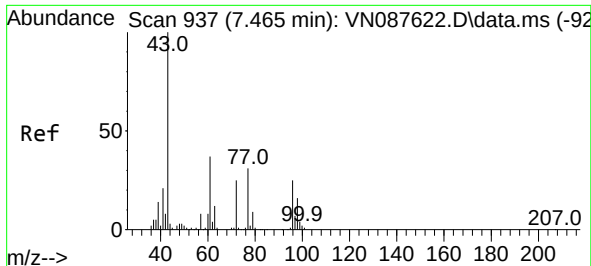


#24  
 1,1-Dichloroethane  
 Concen: 41.591 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. 0.006 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion: 63 Resp: 317754  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 4.0 2.0 6.0



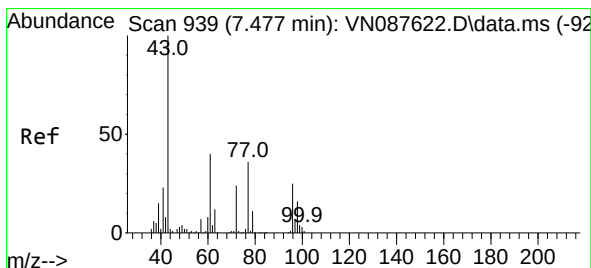
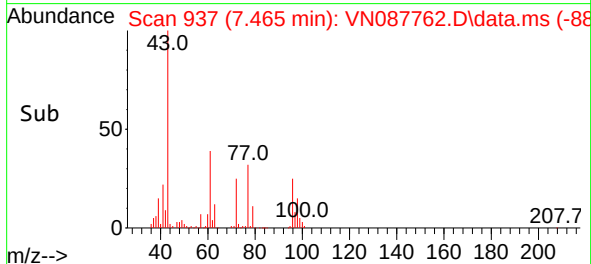
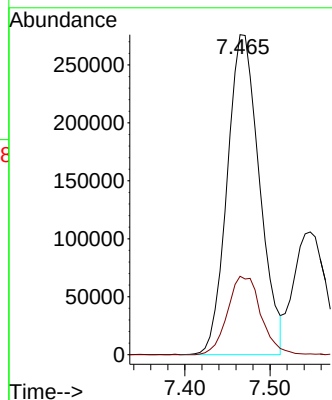
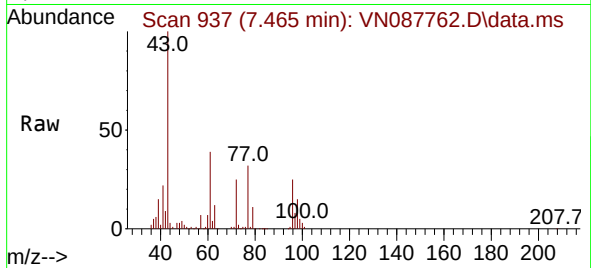




#25  
2-Butanone  
Concen: 200.796 ug/l  
RT: 7.465 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

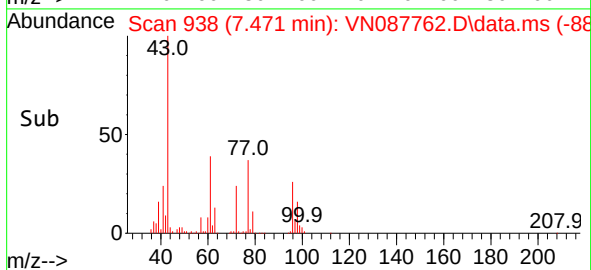
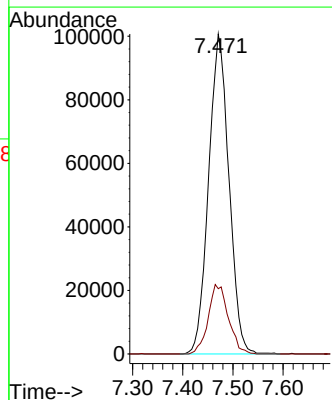
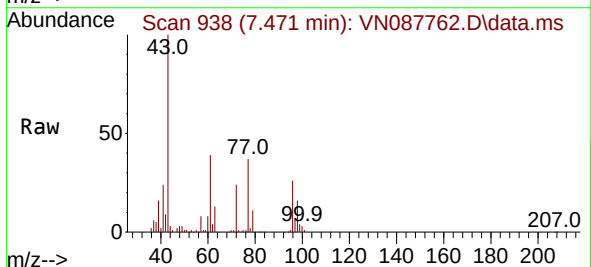
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

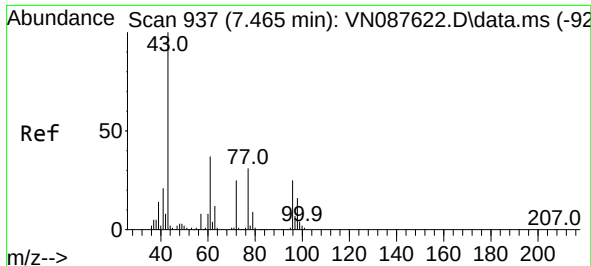
Tgt Ion: 43 Resp: 728182  
Ion Ratio Lower Upper  
43 100  
72 24.5 19.9 29.9



#26  
2,2-Dichloropropane  
Concen: 43.213 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 77 Resp: 283354  
Ion Ratio Lower Upper  
77 100  
97 21.6 10.9 32.7

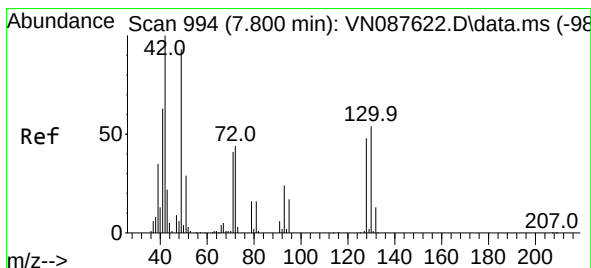
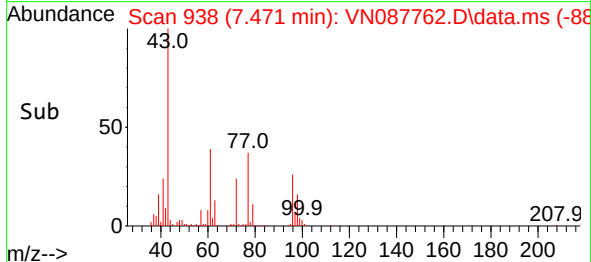
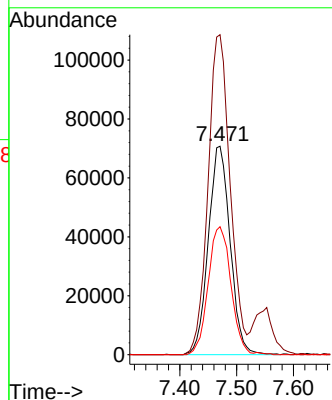
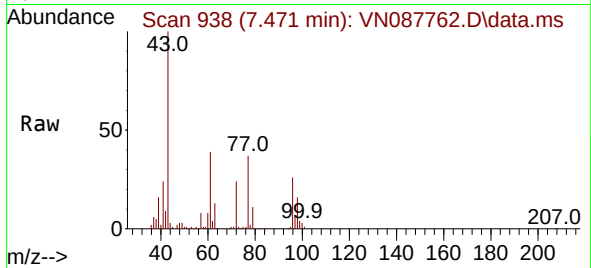




#27  
 cis-1,2-Dichloroethene  
 Concen: 40.852 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

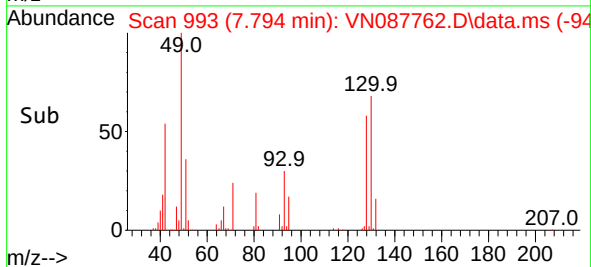
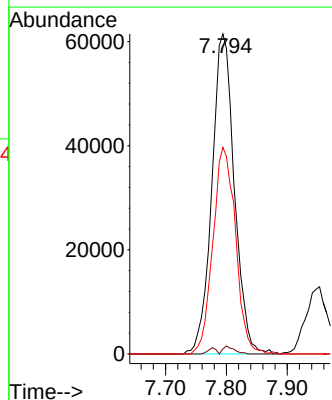
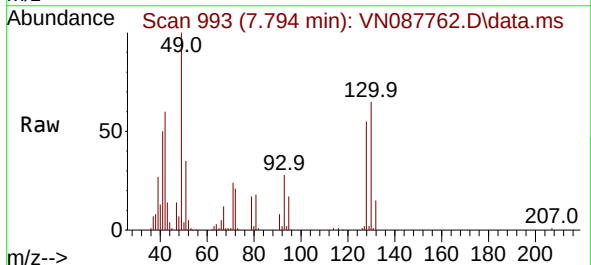
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

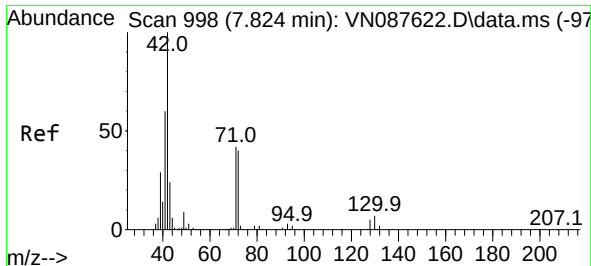
Tgt Ion: 96 Resp: 188598  
 Ion Ratio Lower Upper  
 96 100  
 61 155.4 0.0 301.8  
 98 63.8 0.0 126.2



#28  
 Bromochloromethane  
 Concen: 42.717 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion: 49 Resp: 157774  
 Ion Ratio Lower Upper  
 49 100  
 129 1.2 0.0 3.0  
 130 65.1 53.1 79.7





#29

Tetrahydrofuran

Concen: 206.959 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

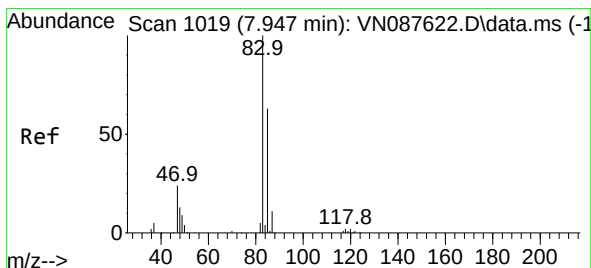
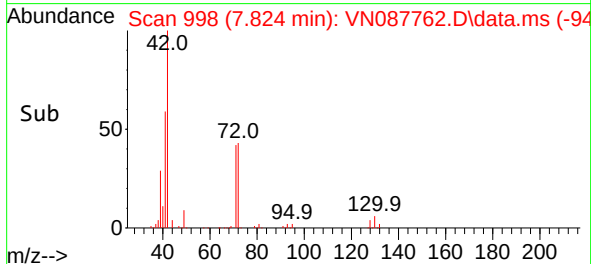
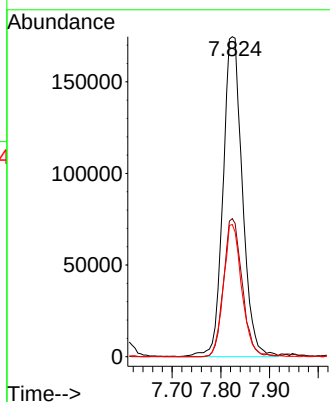
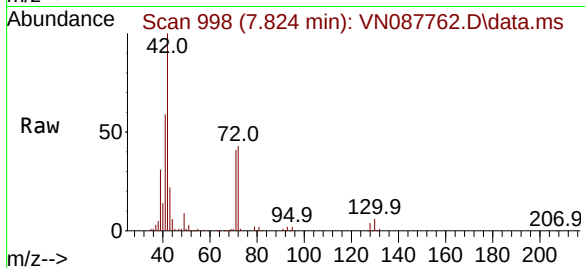
Tgt Ion: 42 Resp: 483012

Ion Ratio Lower Upper

42 100

72 41.4 33.7 50.5

71 39.3 31.9 47.9



#30

Chloroform

Concen: 42.478 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087762.D

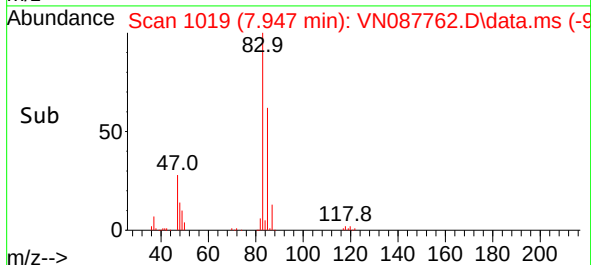
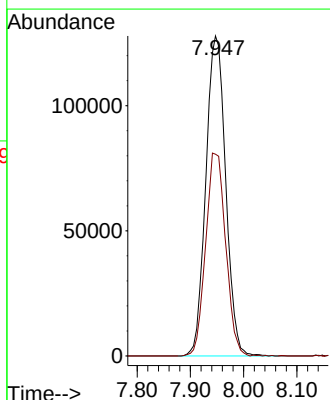
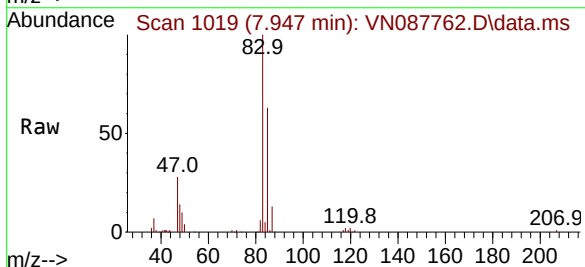
Acq: 08 Sep 2025 16:07

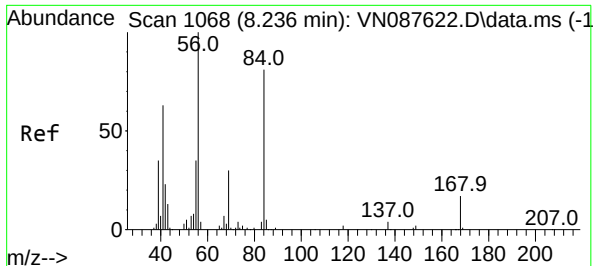
Tgt Ion: 83 Resp: 331240

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1

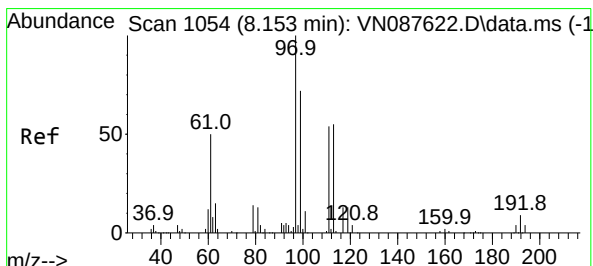
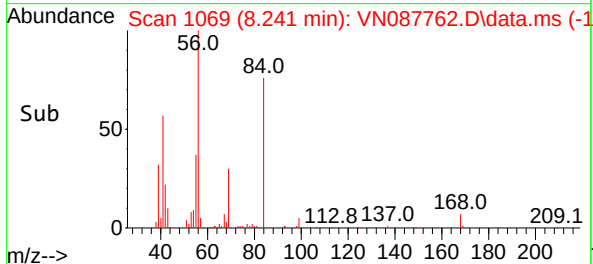
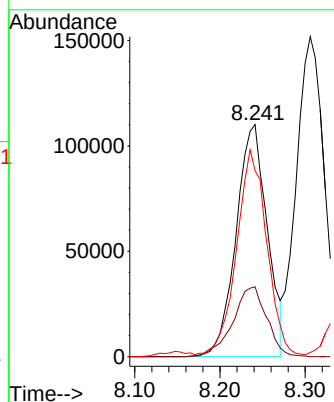
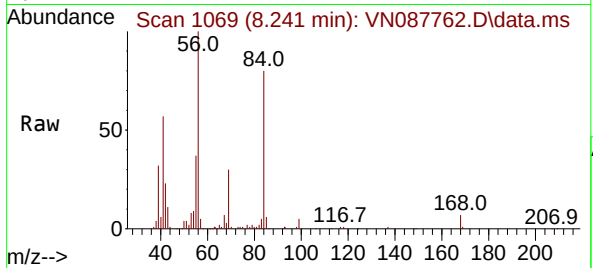




#31  
Cyclohexane  
Concen: 43.879 ug/l  
RT: 8.241 min Scan# 1068  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

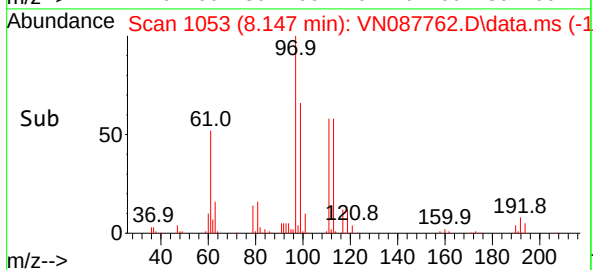
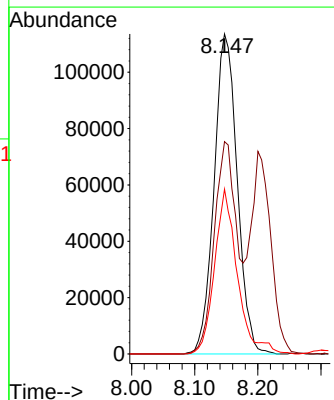
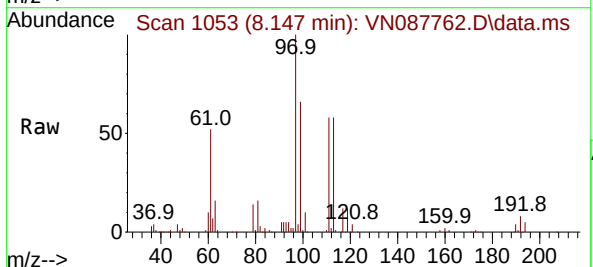
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

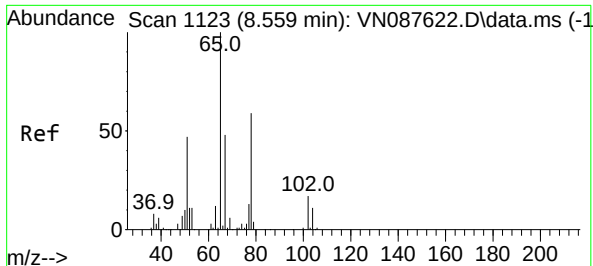
Tgt Ion: 56 Resp: 279467  
Ion Ratio Lower Upper  
56 100  
69 30.1 23.7 35.5  
84 78.1 64.7 97.1



#32  
1,1,1-Trichloroethane  
Concen: 43.826 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 97 Resp: 289628  
Ion Ratio Lower Upper  
97 100  
99 64.2 52.2 78.2  
61 50.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.358 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

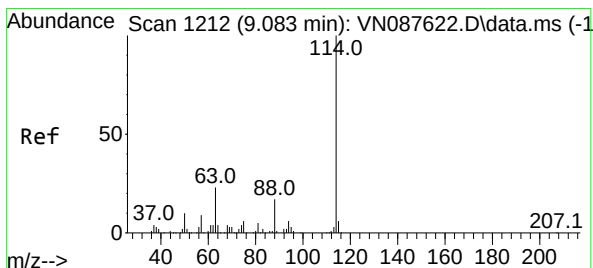
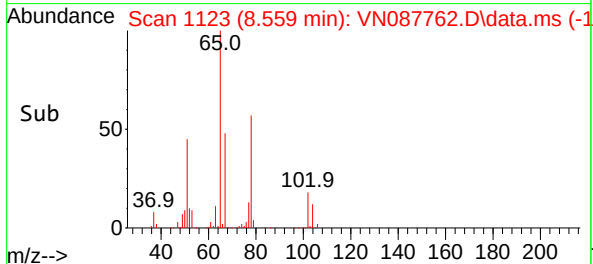
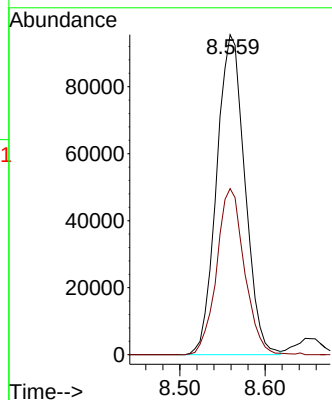
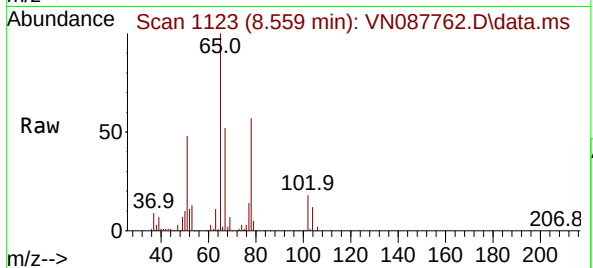
VSTDCCC050EC

Tgt Ion: 65 Resp: 219548

Ion Ratio Lower Upper

65 100

67 51.1 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: VN087762.D

Acq: 08 Sep 2025 16:07

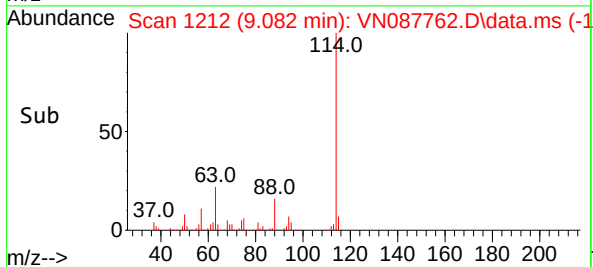
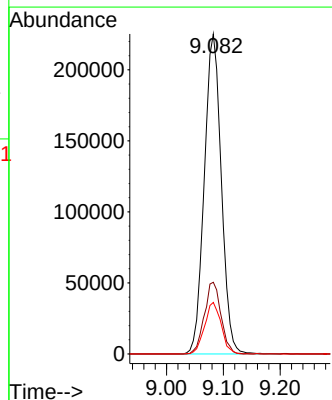
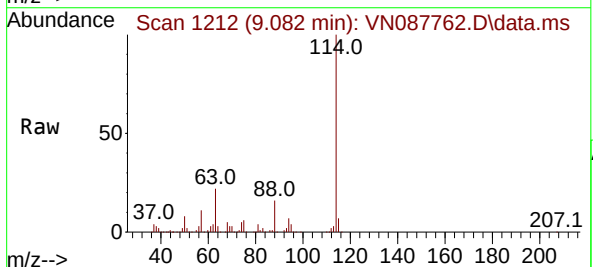
Tgt Ion: 114 Resp: 467958

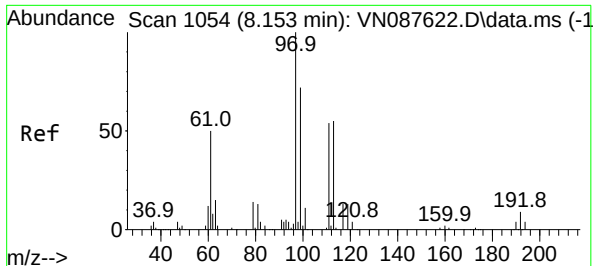
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.192 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

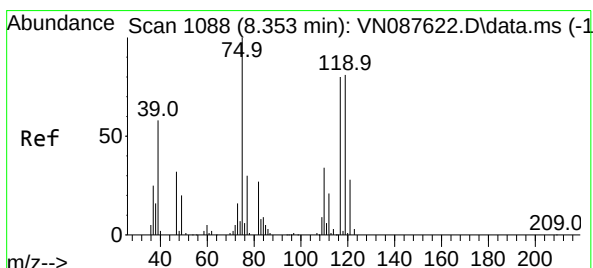
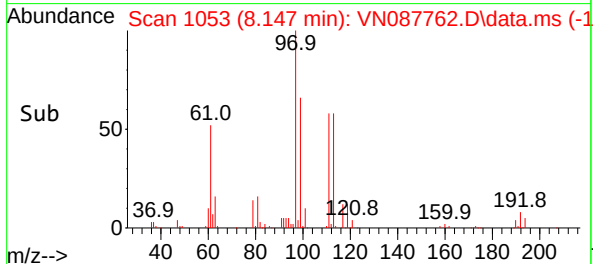
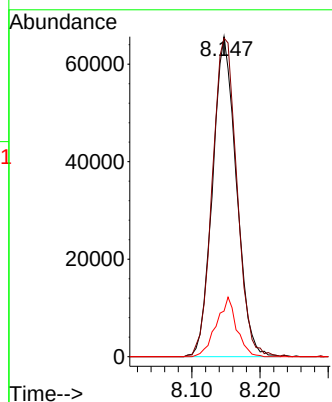
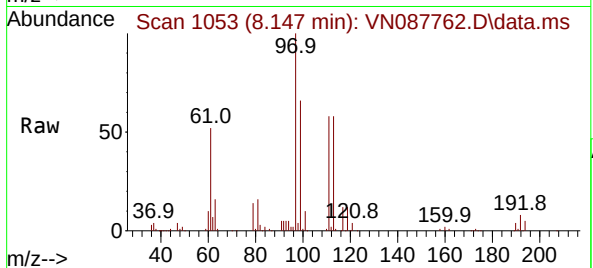
Tgt Ion:113 Resp: 159446

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 15.9 12.8 19.2



#36

1,1-Dichloropropene

Concen: 43.580 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

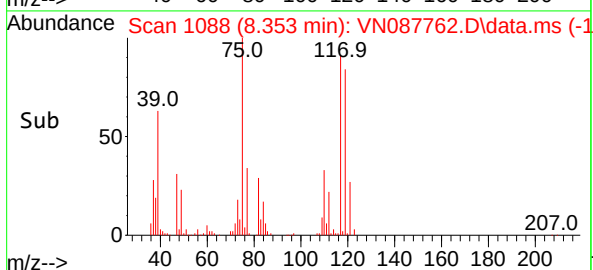
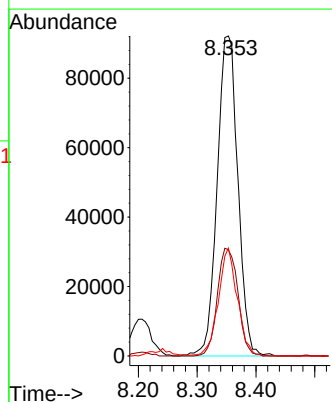
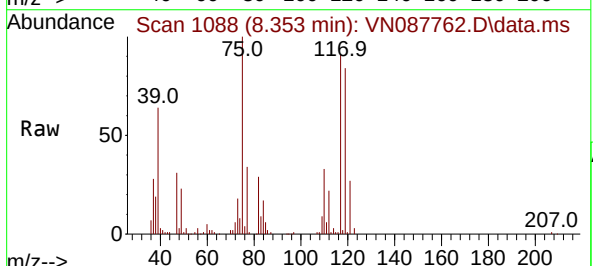
Tgt Ion: 75 Resp: 225887

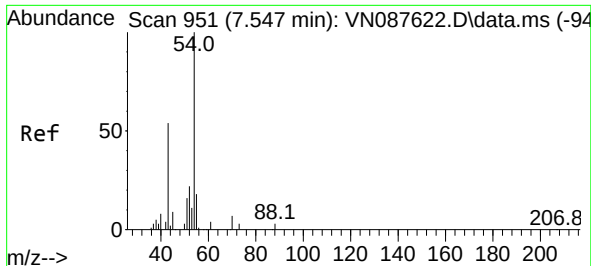
Ion Ratio Lower Upper

75 100

110 33.3 15.9 47.6

77 31.0 24.4 36.6

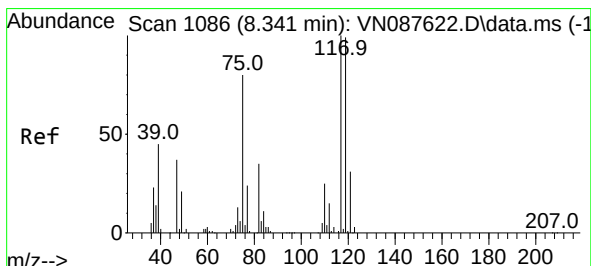
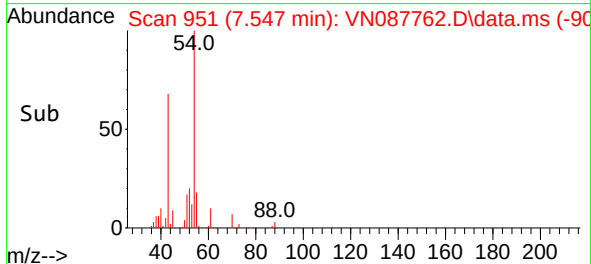
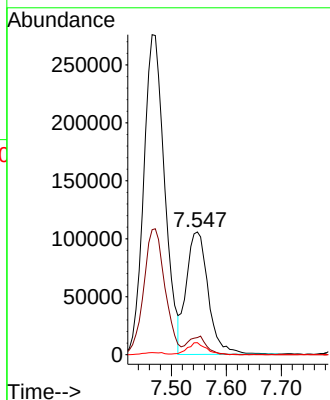
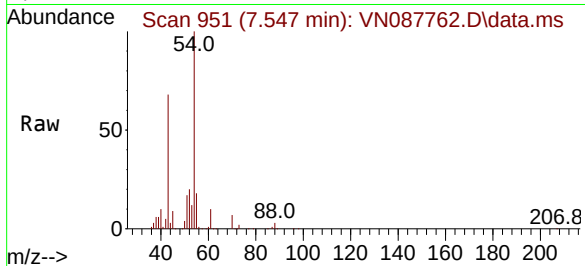




#37  
Ethyl Acetate  
Concen: 41.192 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

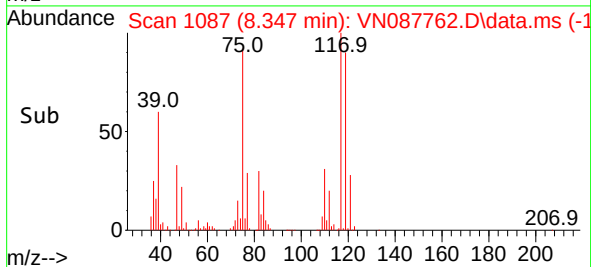
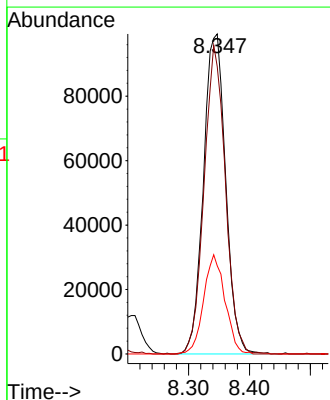
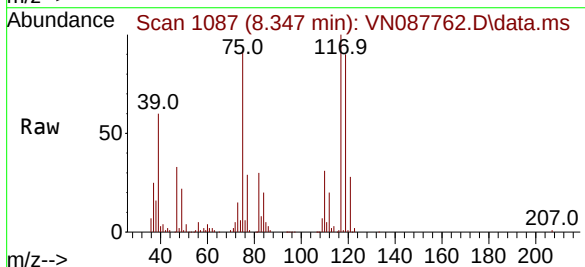
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

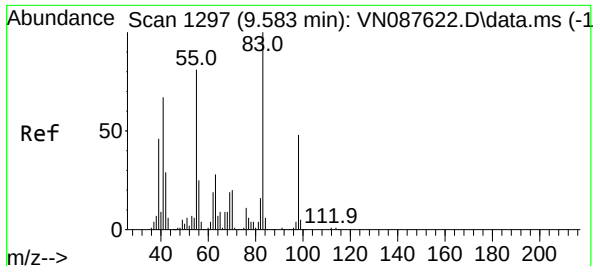
Tgt Ion: 43 Resp: 291756  
Ion Ratio Lower Upper  
43 100  
61 12.9 9.3 13.9  
70 8.5 7.0 10.6



#38  
Carbon Tetrachloride  
Concen: 49.205 ug/l  
RT: 8.347 min Scan# 1087  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 117 Resp: 251812  
Ion Ratio Lower Upper  
117 100  
119 89.8 79.0 118.6  
121 27.6 25.0 37.6





#39

Methylcyclohexane

Concen: 47.845 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

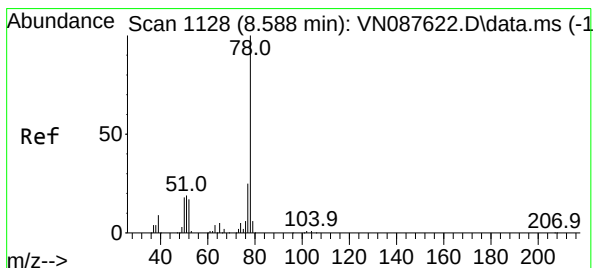
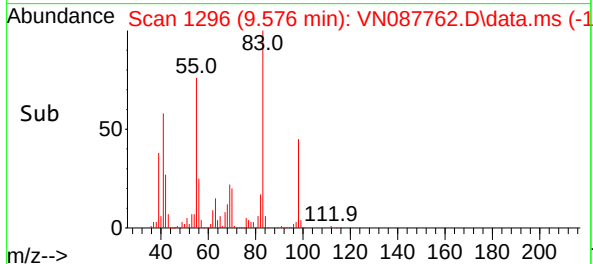
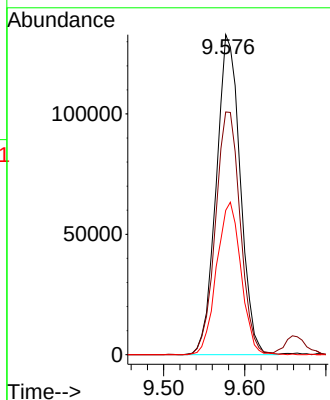
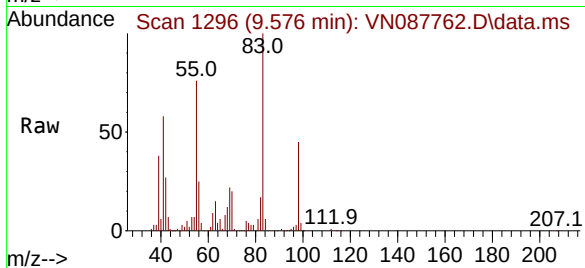
Tgt Ion: 83 Resp: 273029

Ion Ratio Lower Upper

83 100

55 75.9 64.6 96.8

98 45.1 38.4 57.6



#40

Benzene

Concen: 44.060 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087762.D

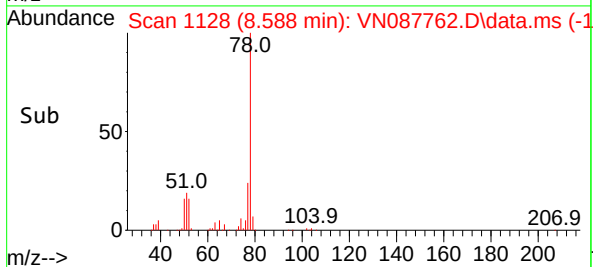
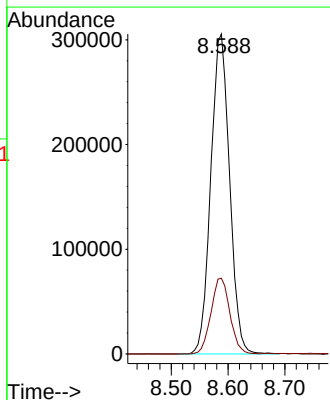
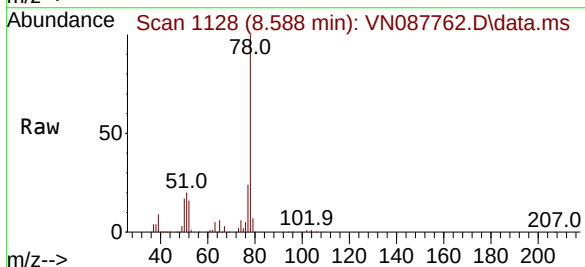
Acq: 08 Sep 2025 16:07

Tgt Ion: 78 Resp: 700460

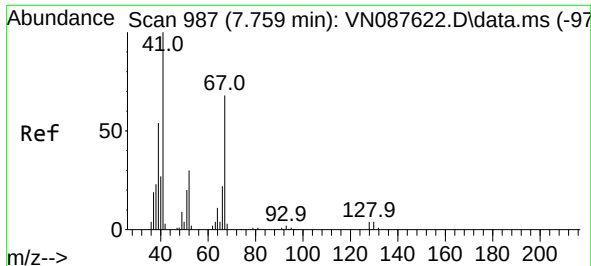
Ion Ratio Lower Upper

78 100

77 23.7 19.7 29.5



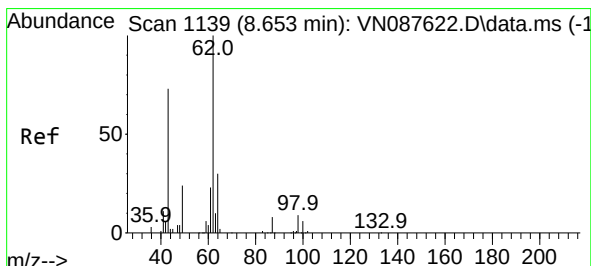
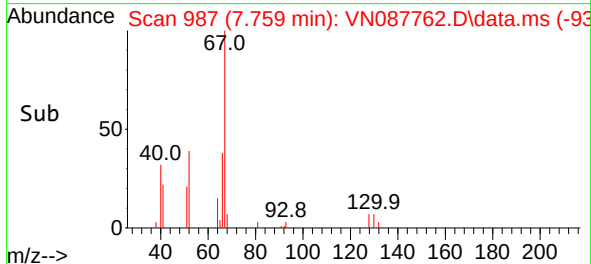
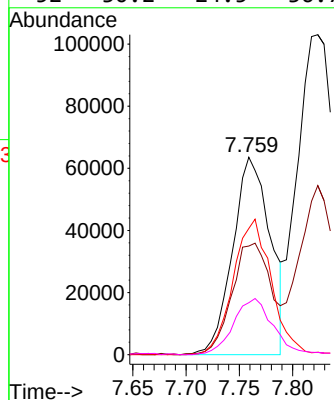
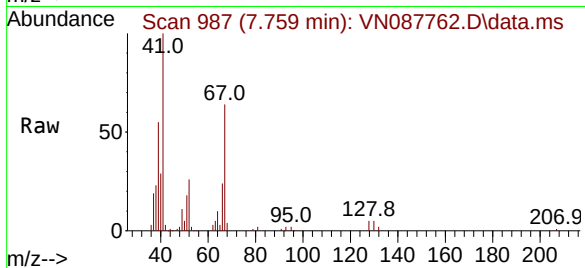




#41  
Methacrylonitrile  
Concen: 42.592 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

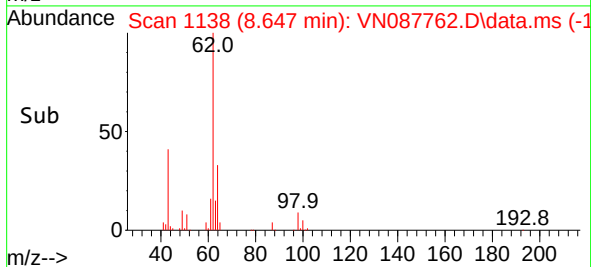
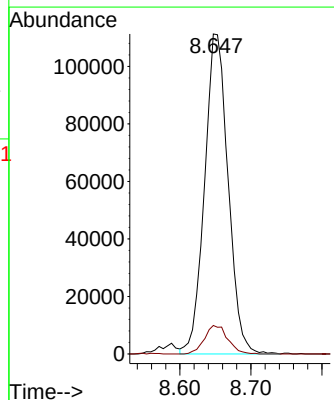
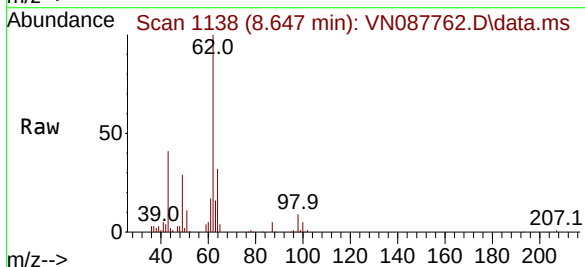
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

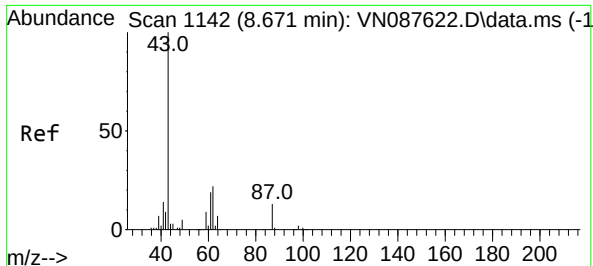
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 156266 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.7  | 45.4  | 68.0   |
| 67       | 69.9  | 55.3  | 82.9   |
| 52       | 30.2  | 24.5  | 36.7   |



#42  
1,2-Dichloroethane  
Concen: 42.017 ug/l  
RT: 8.647 min Scan# 1138  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 256692 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.8   | 0.0   | 17.4   |

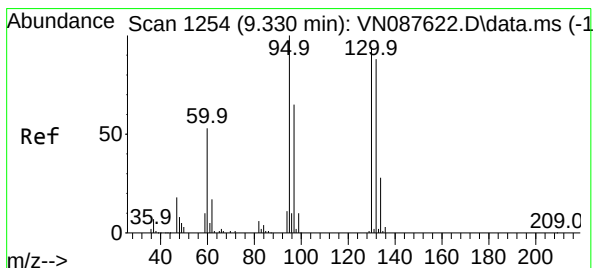
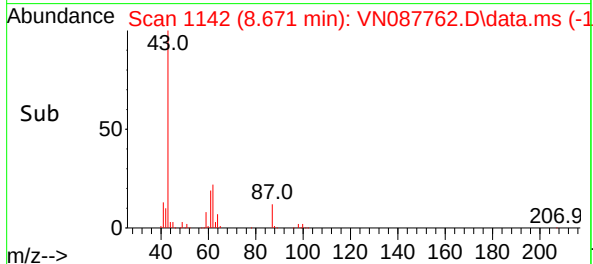
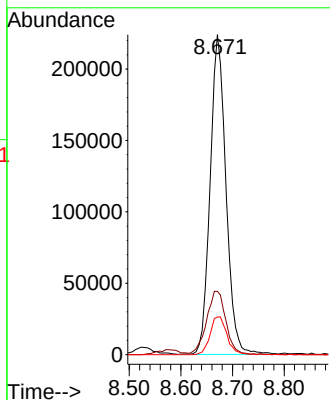
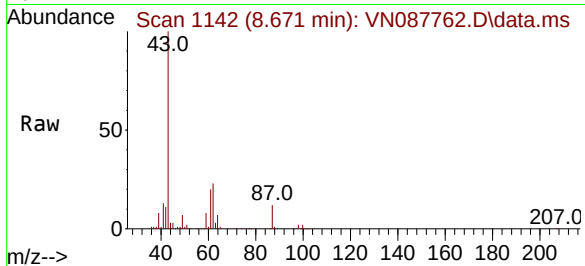




#43  
Isopropyl Acetate  
Concen: 43.131 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

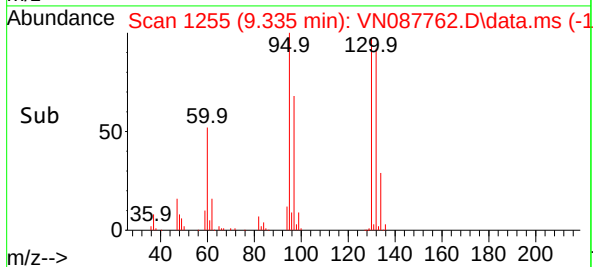
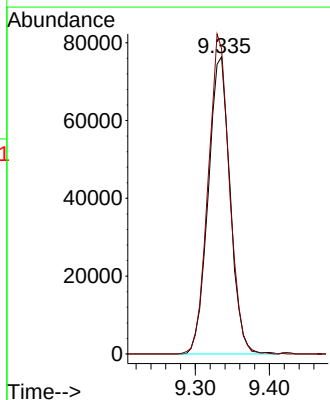
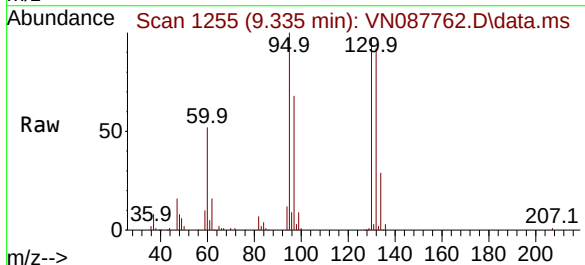
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

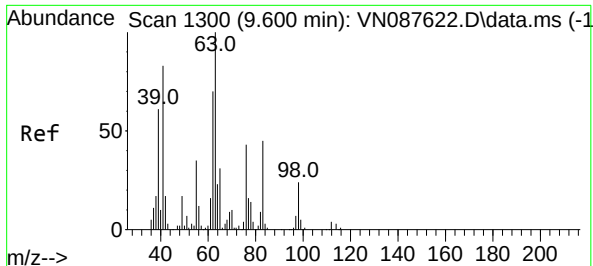
Tgt Ion: 43 Resp: 476943  
Ion Ratio Lower Upper  
43 100  
61 23.7 18.8 28.2  
87 12.6 9.6 14.4



#44  
Trichloroethene  
Concen: 43.186 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:130 Resp: 156748  
Ion Ratio Lower Upper  
130 100  
95 102.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 42.442 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

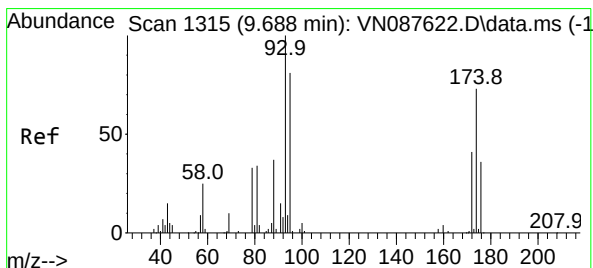
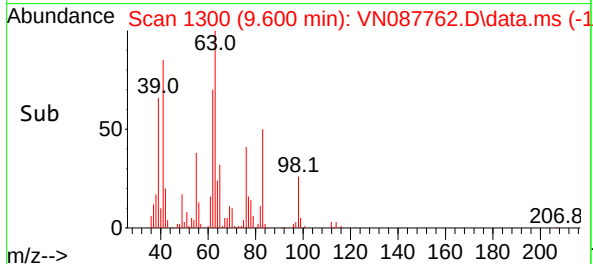
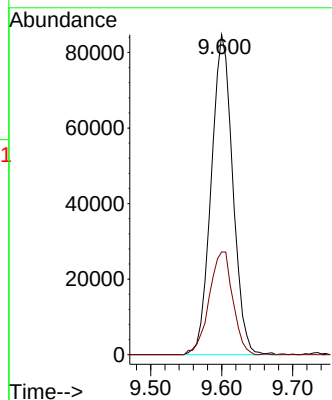
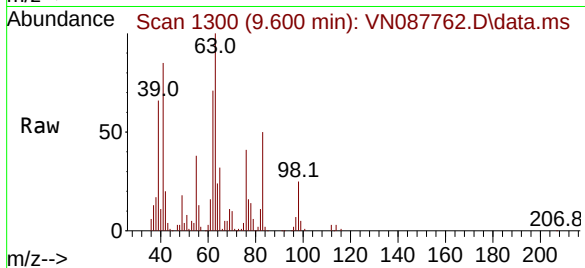
VSTDCCC050EC

Tgt Ion: 63 Resp: 177853

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 43.636 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

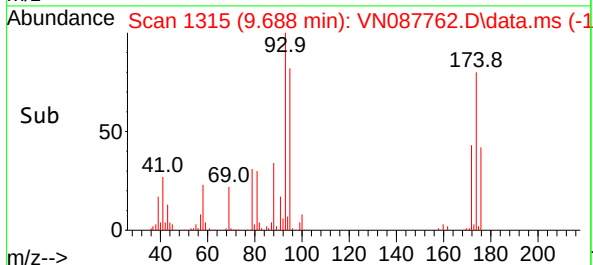
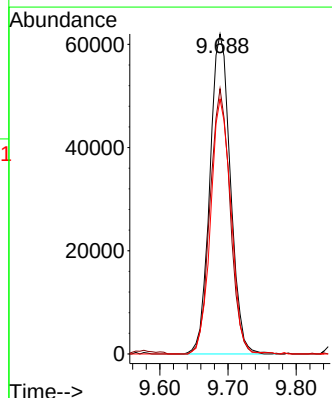
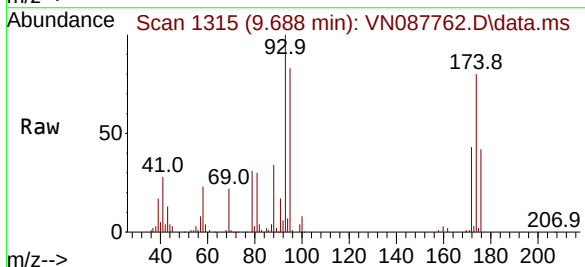
Tgt Ion: 93 Resp: 130123

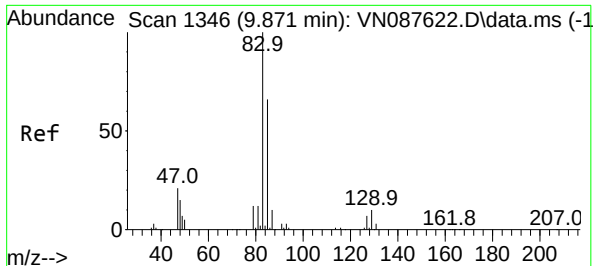
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 78.5 63.4 95.2

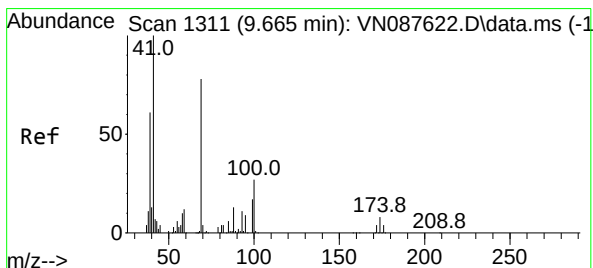
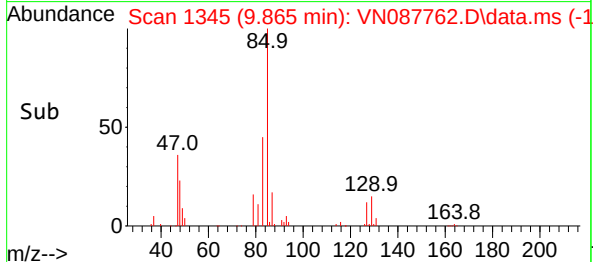
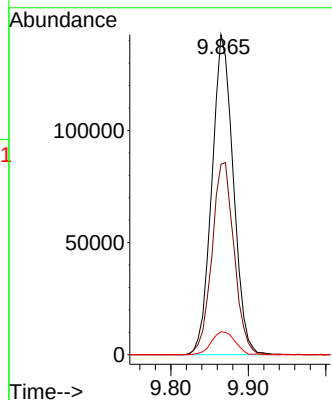
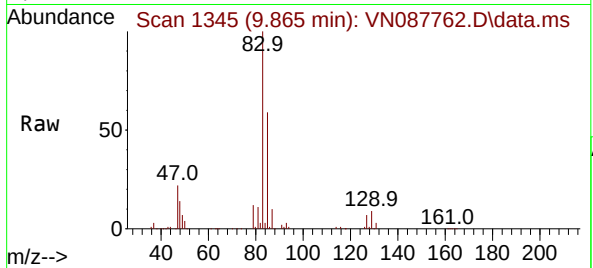




#47  
Bromodichloromethane  
Concen: 44.961 ug/l  
RT: 9.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

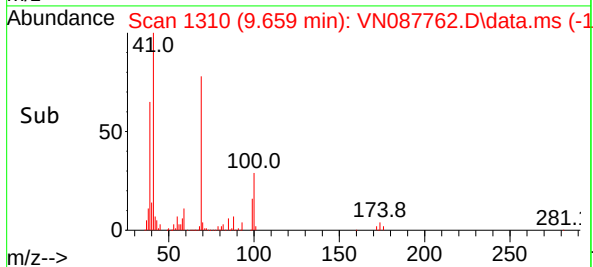
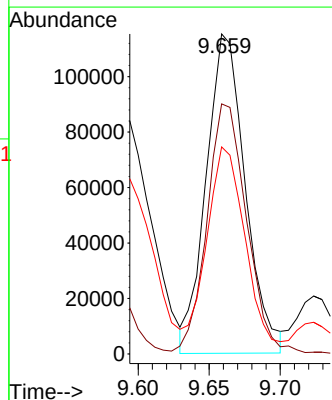
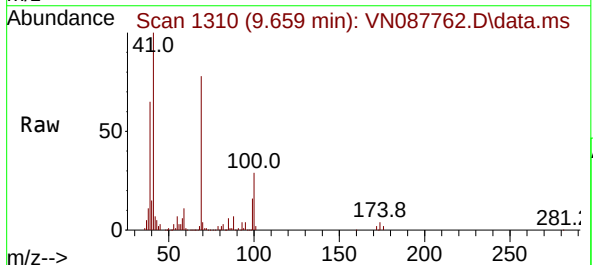
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

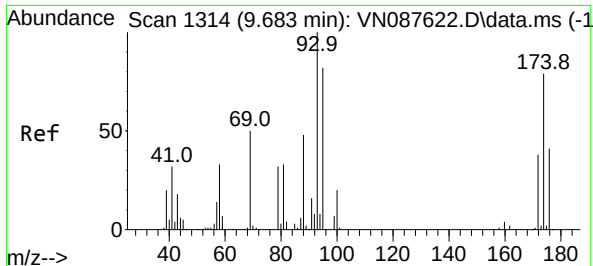
Tgt Ion: 83 Resp: 274781  
Ion Ratio Lower Upper  
83 100  
85 59.5 52.5 78.7  
127 7.2 5.8 8.6



#48  
Methyl methacrylate  
Concen: 42.130 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 41 Resp: 220364  
Ion Ratio Lower Upper  
41 100  
69 79.4 62.7 94.1  
39 64.6 52.9 79.3





#49

1,4-Dioxane

Concen: 878.409 ug/l

RT: 9.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

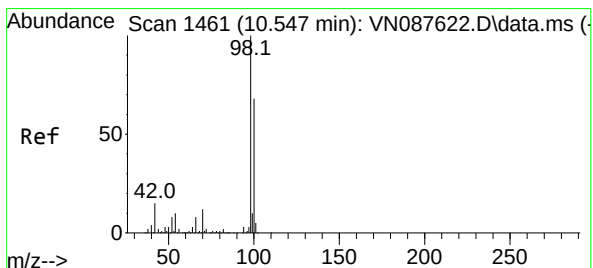
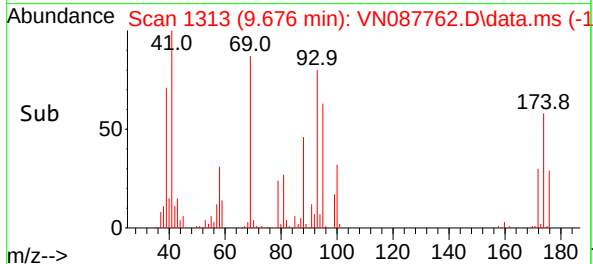
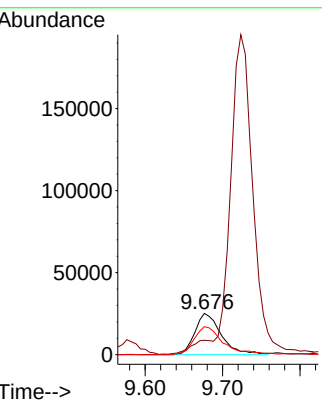
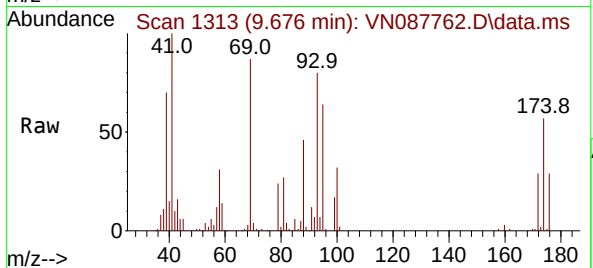
Tgt Ion: 88 Resp: 59552

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 75.2 57.9 86.9



#50

Toluene-d8

Concen: 47.654 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087762.D

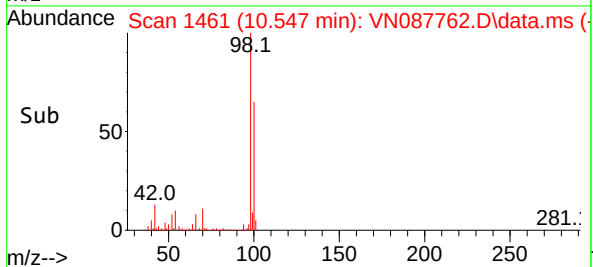
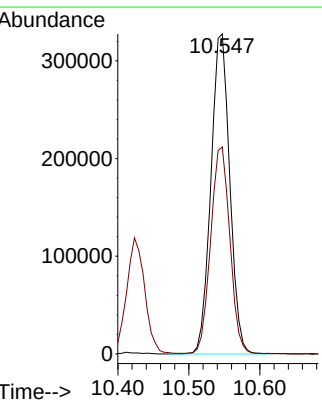
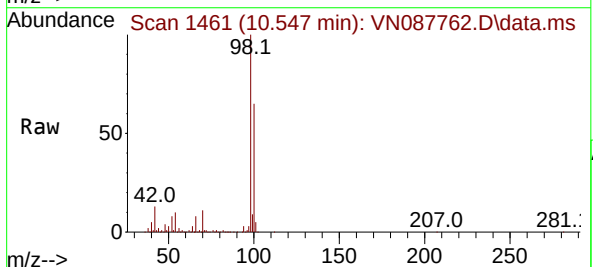
Acq: 08 Sep 2025 16:07

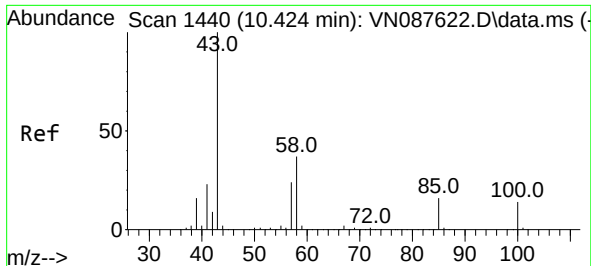
Tgt Ion: 98 Resp: 602622

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2

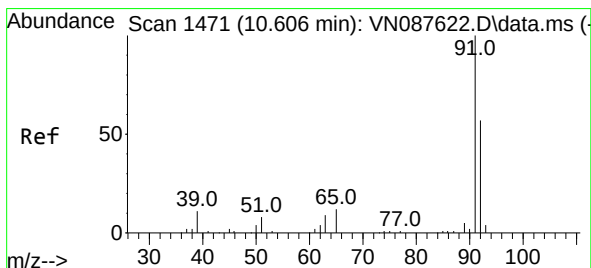
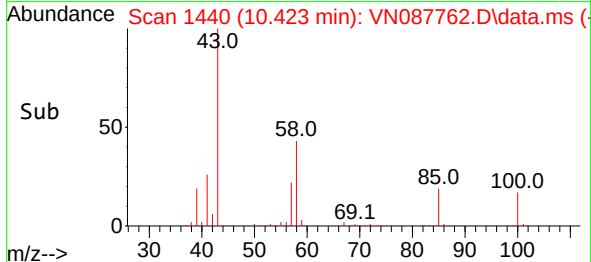
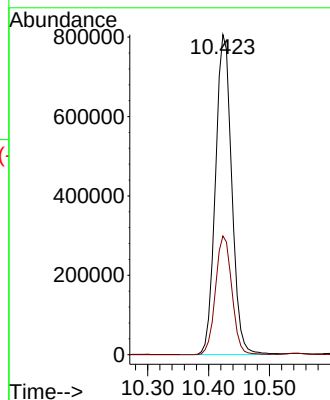
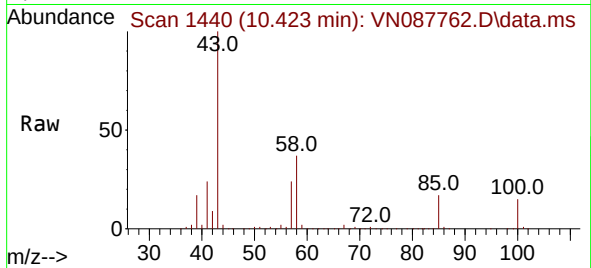




#51  
4-Methyl-2-Pentanone  
Concen: 224.679 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

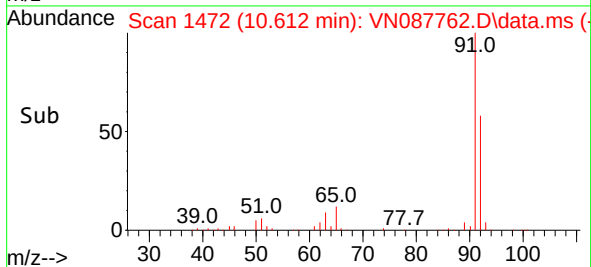
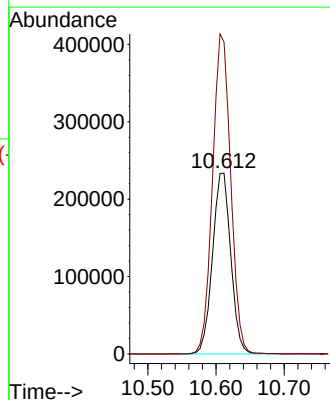
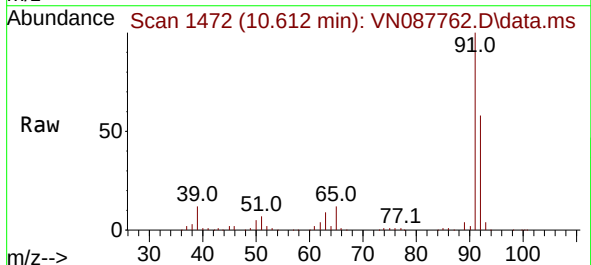
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

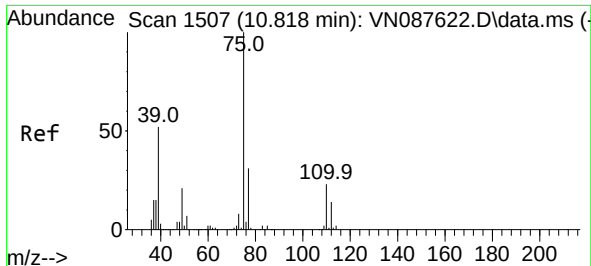
Tgt Ion: 43 Resp: 1499020  
Ion Ratio Lower Upper  
43 100  
58 37.3 29.6 44.4



#52  
Toluene  
Concen: 44.202 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 92 Resp: 435643  
Ion Ratio Lower Upper  
92 100  
91 176.1 140.4 210.6

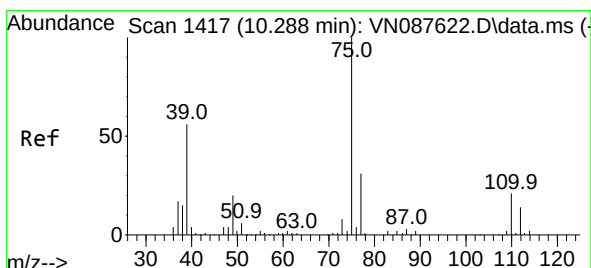
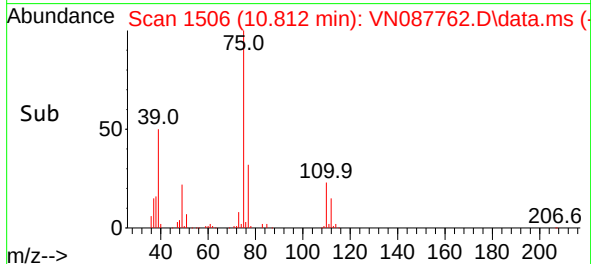
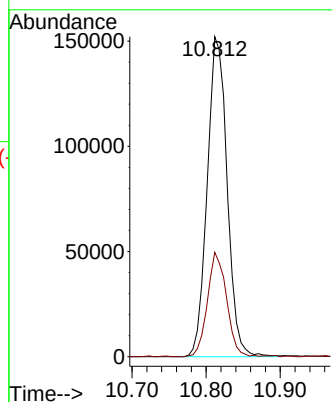
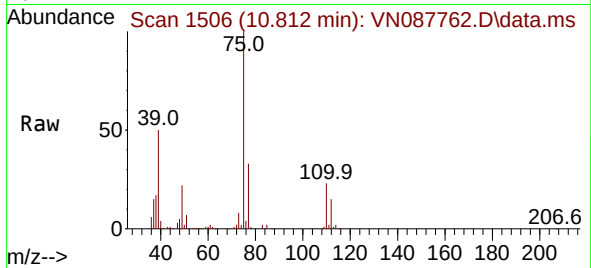




#53  
 t-1,3-Dichloropropene  
 Concen: 44.882 ug/l  
 RT: 10.812 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

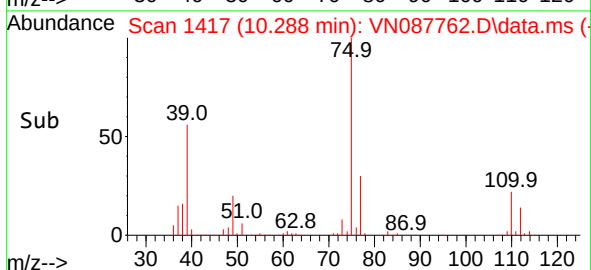
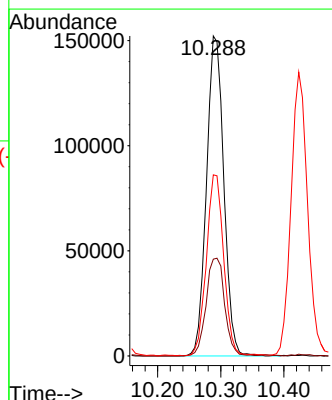
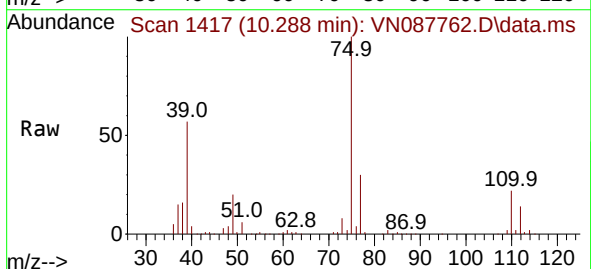
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

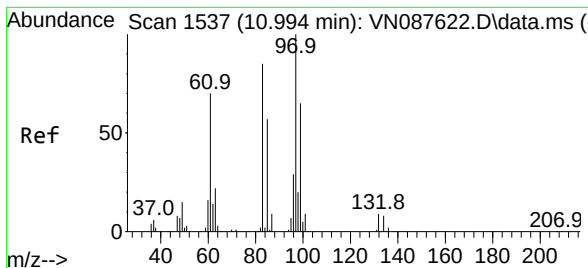
Tgt Ion: 75 Resp: 283929  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 44.105 ug/l  
 RT: 10.288 min Scan# 1417  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion: 75 Resp: 289705  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 24.6 37.0  
 39 56.4 45.2 67.8

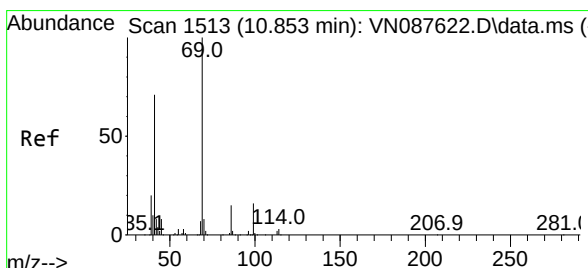
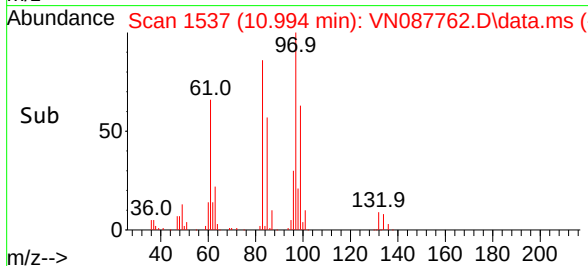
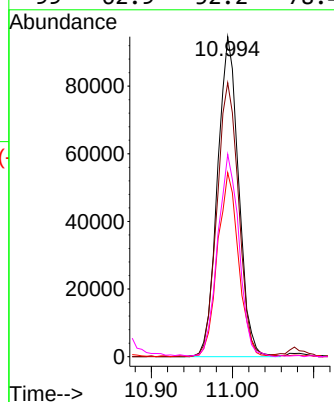
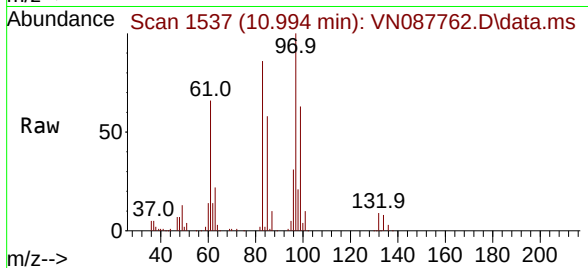




#55  
1,1,2-Trichloroethane  
Concen: 44.982 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

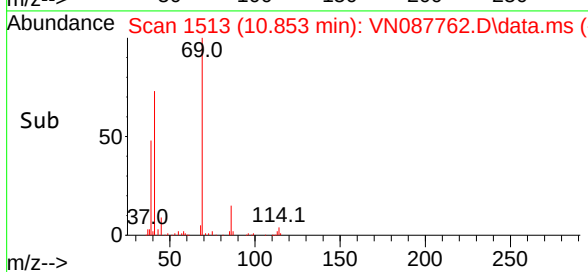
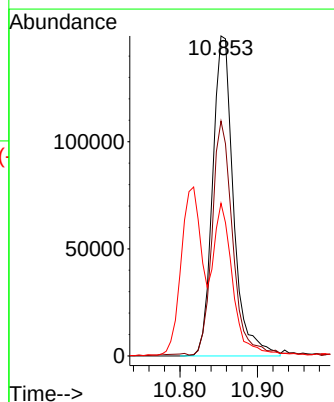
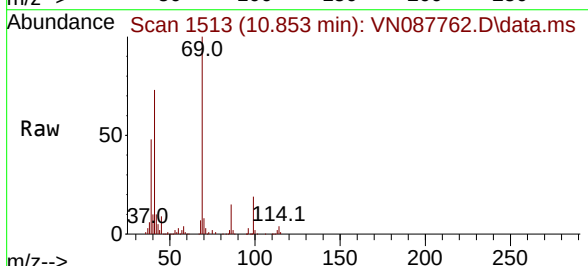
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 171500 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.6  | 68.2  | 102.4  |
| 85       | 57.3  | 45.5  | 68.3   |
| 99       | 62.9  | 52.2  | 78.4   |

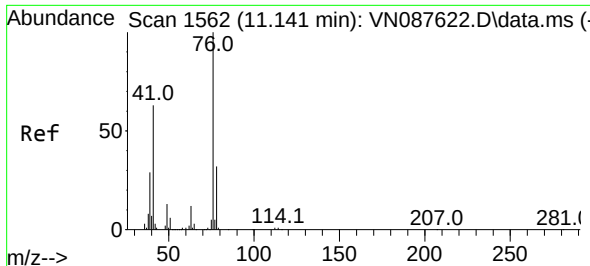


#56  
Ethyl methacrylate  
Concen: 45.865 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 279458 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.9  | 56.5  | 84.7   |
| 39       | 44.1  | 34.2  | 51.4   |







#57

1,3-Dichloropropane

Concen: 44.435 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

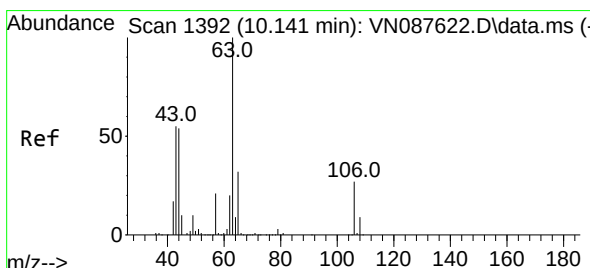
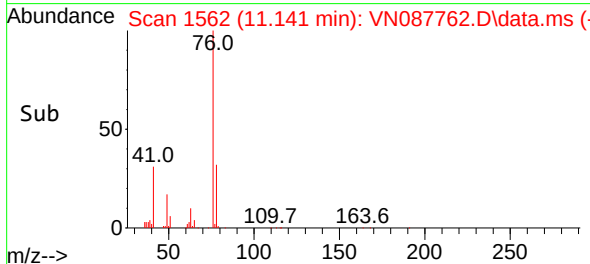
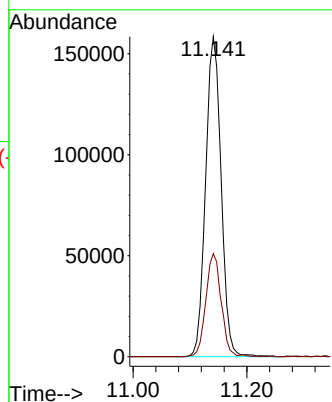
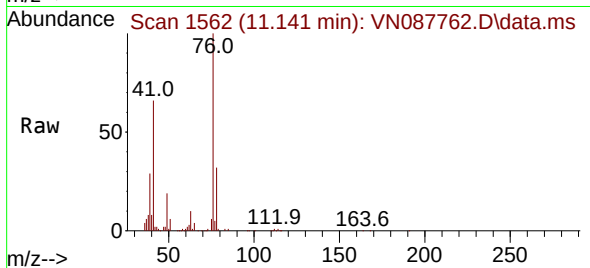
VSTDCCC050EC

Tgt Ion: 76 Resp: 299826

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 219.171 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087762.D

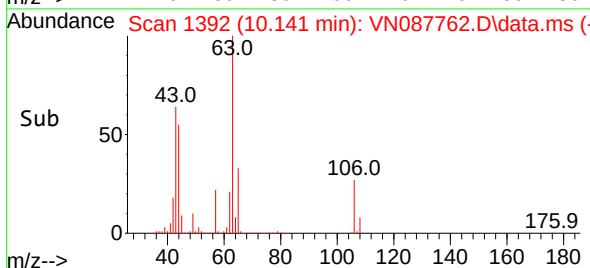
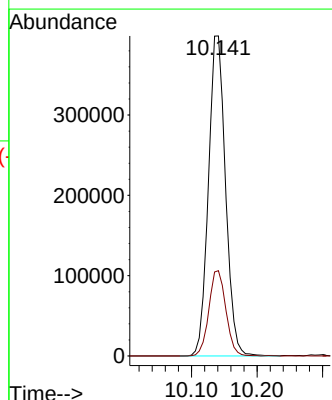
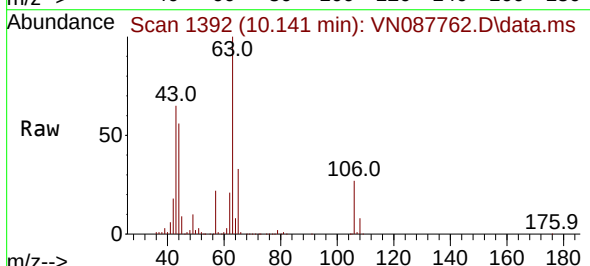
Acq: 08 Sep 2025 16:07

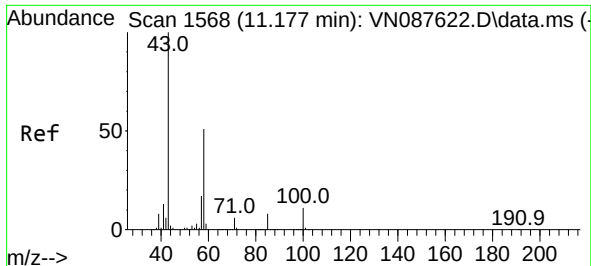
Tgt Ion: 63 Resp: 722803

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7

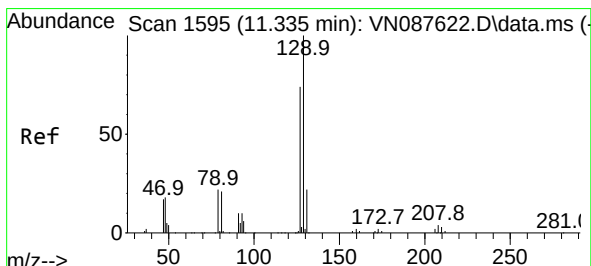
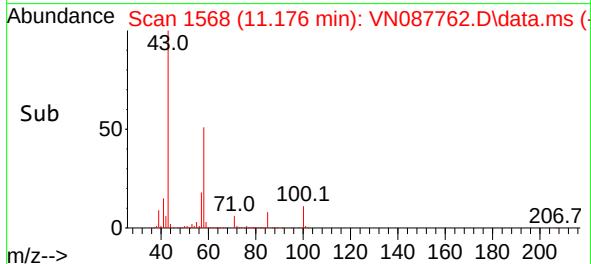
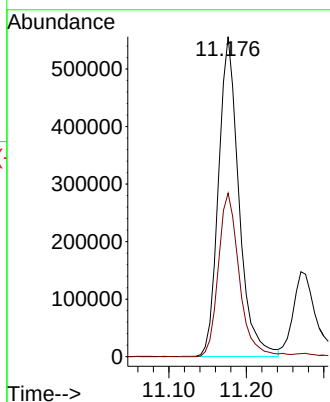
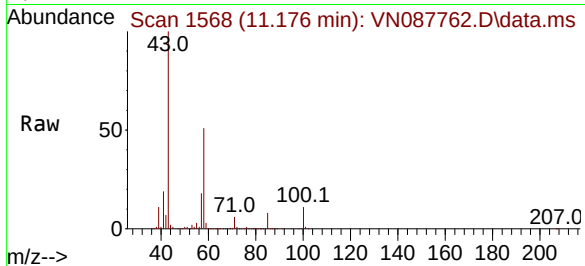




#59  
2-Hexanone  
Concen: 241.562 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

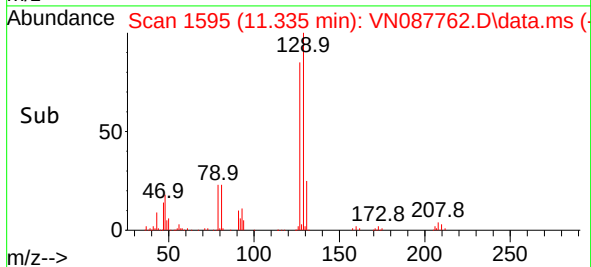
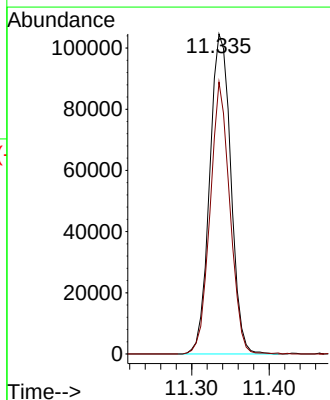
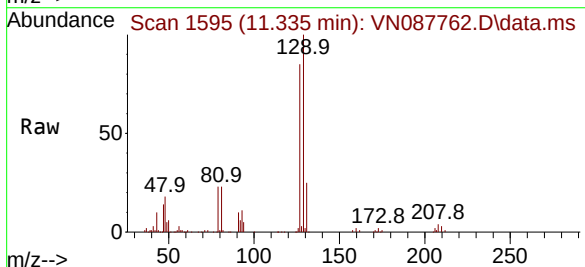
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

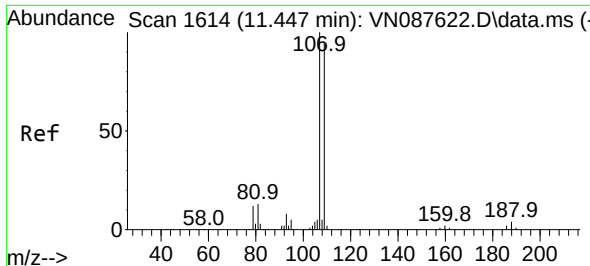
Tgt Ion: 43 Resp: 1018568  
Ion Ratio Lower Upper  
43 100  
58 52.6 25.9 77.8



#60  
Dibromochloromethane  
Concen: 44.856 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 129 Resp: 198161  
Ion Ratio Lower Upper  
129 100  
127 79.5 39.1 117.3

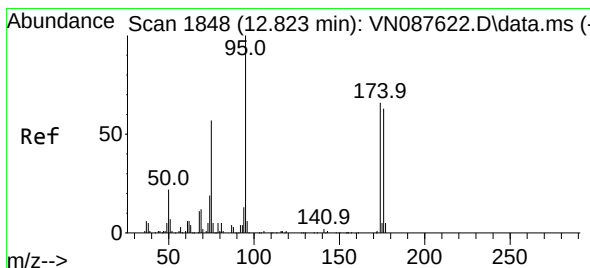
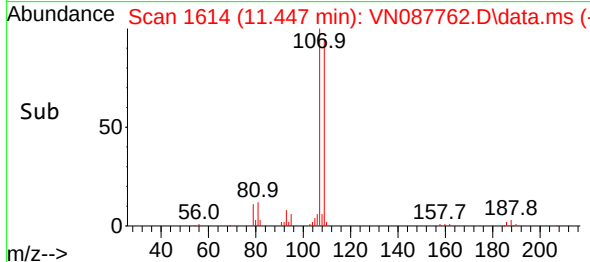
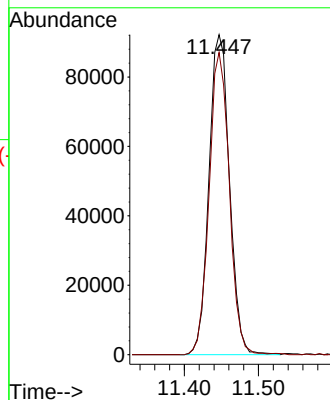
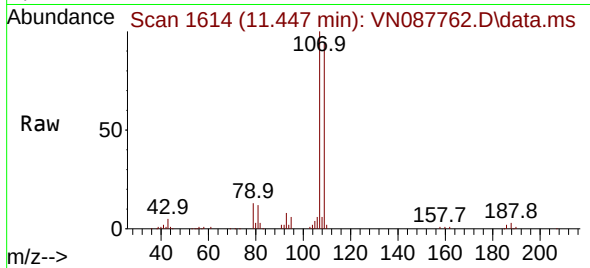




#61  
1,2-Dibromoethane  
Concen: 44.188 ug/l  
RT: 11.447 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

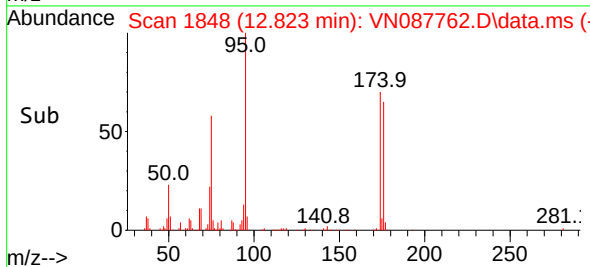
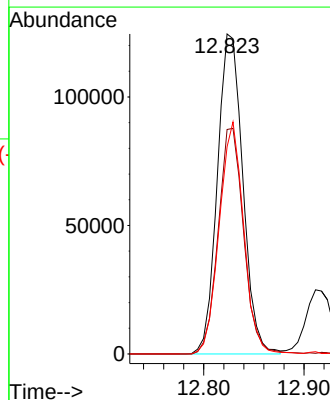
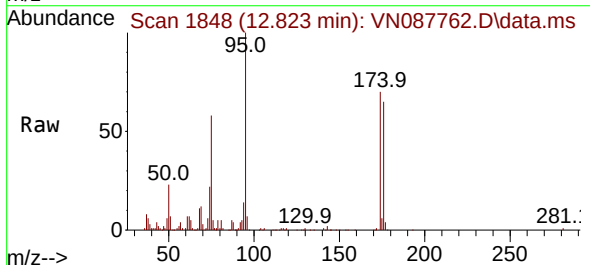
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

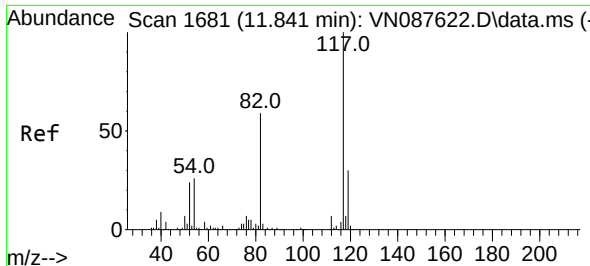
Tgt Ion:107 Resp: 177644  
Ion Ratio Lower Upper  
107 100  
109 92.9 74.7 112.1



#62  
4-Bromofluorobenzene  
Concen: 48.794 ug/l  
RT: 12.823 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 95 Resp: 219438  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 138.4  
176 69.6 0.0 132.6

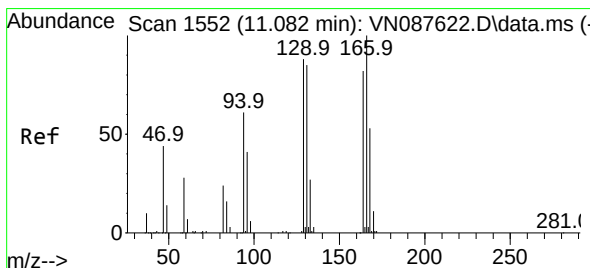
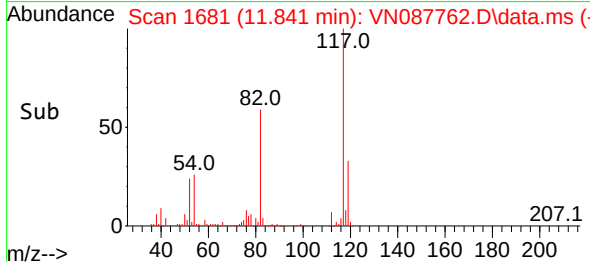
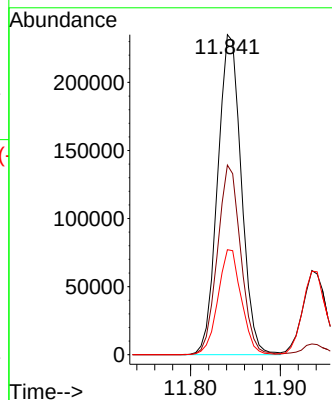
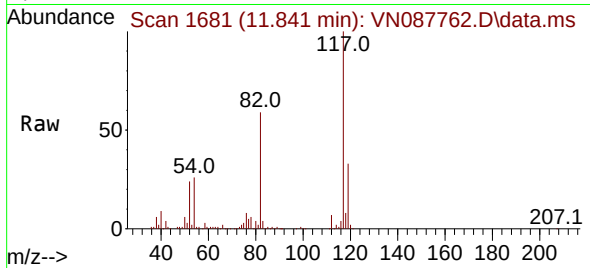




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

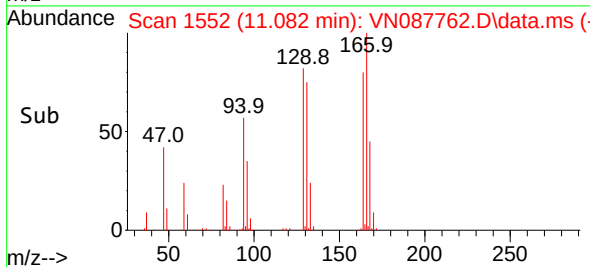
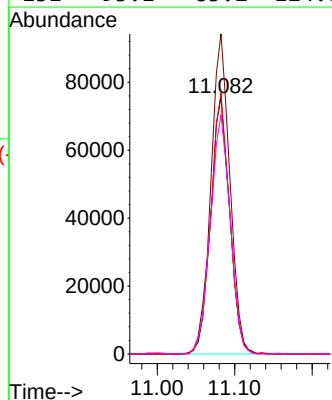
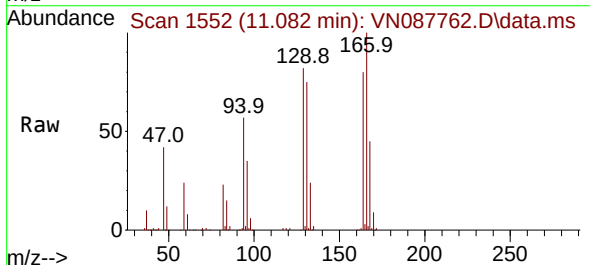
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

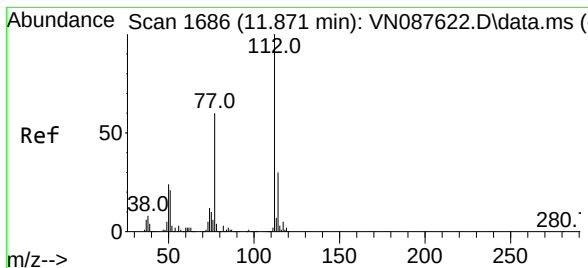
Tgt Ion:117 Resp: 430096  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.4 71.2  
119 32.8 24.3 36.5



#64  
Tetrachloroethene  
Concen: 43.254 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:164 Resp: 129069  
Ion Ratio Lower Upper  
164 100  
166 124.8 97.7 146.5  
129 101.7 85.9 128.9  
131 93.1 83.2 124.8

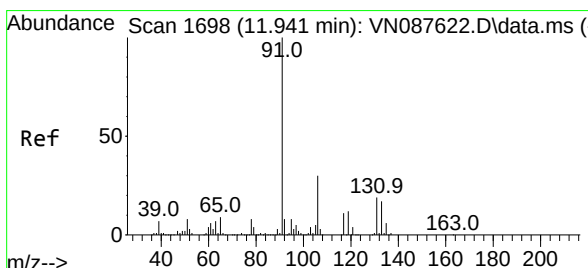
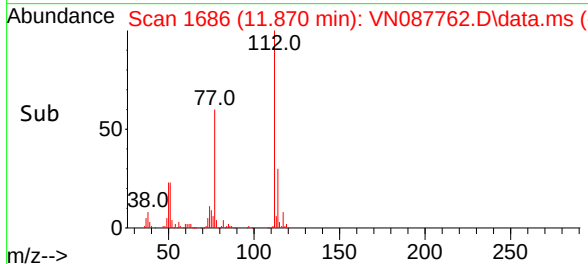
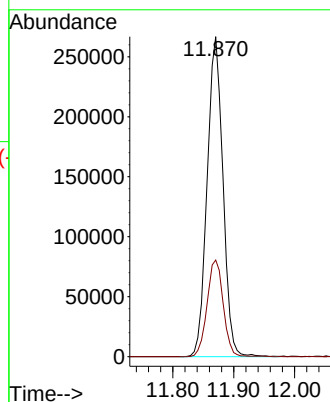
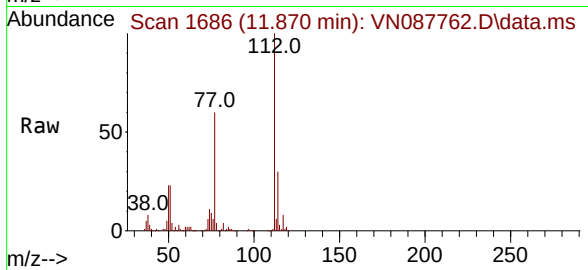




#65  
Chlorobenzene  
Concen: 45.061 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

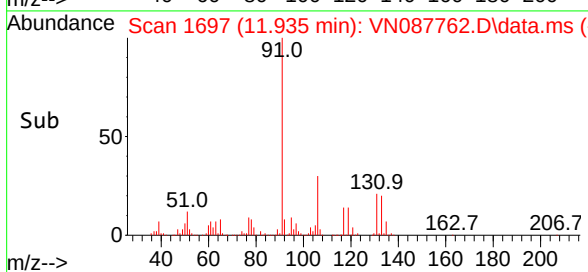
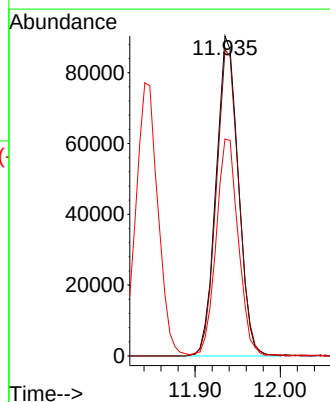
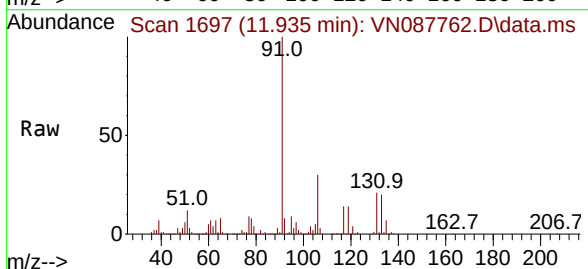
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

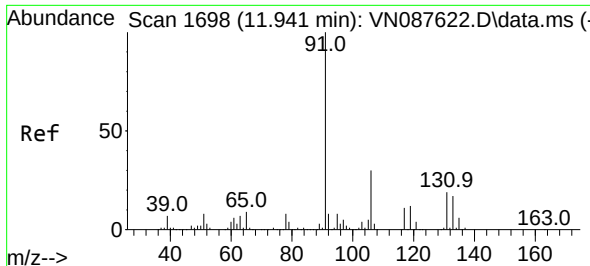
Tgt Ion:112 Resp: 482160  
Ion Ratio Lower Upper  
112 100  
114 30.2 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.159 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:131 Resp: 163969  
Ion Ratio Lower Upper  
131 100  
133 96.7 48.0 144.0  
119 67.0 32.6 97.7

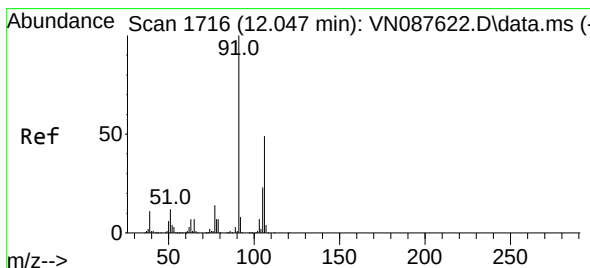
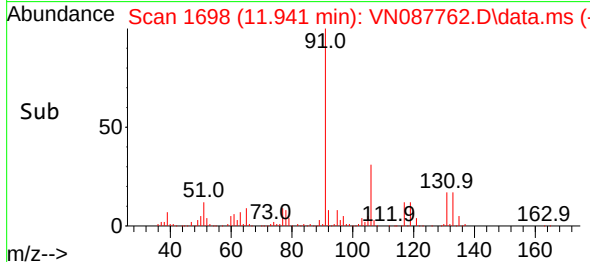
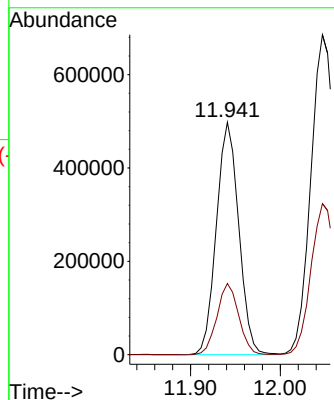
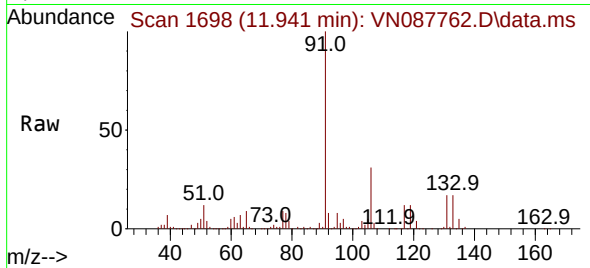




#67  
Ethyl Benzene  
Concen: 46.513 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

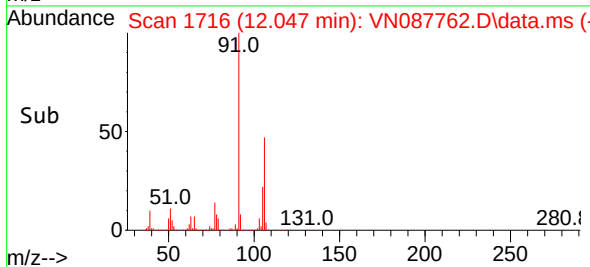
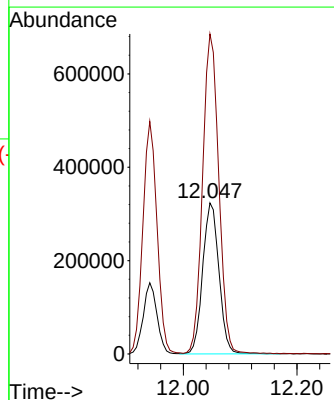
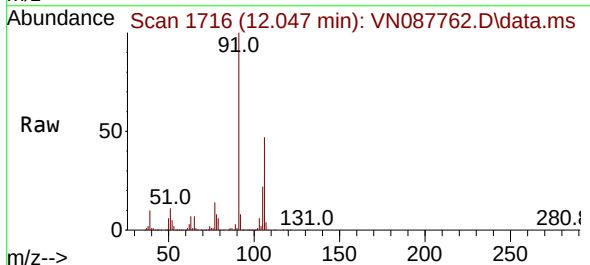
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

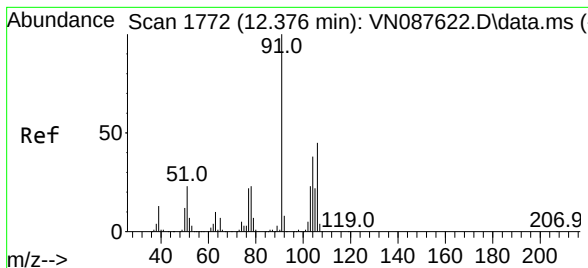
Tgt Ion: 91 Resp: 861722  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.1 36.1



#68  
m/p-Xylenes  
Concen: 94.277 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 106 Resp: 640561  
Ion Ratio Lower Upper  
106 100  
91 211.0 169.3 253.9

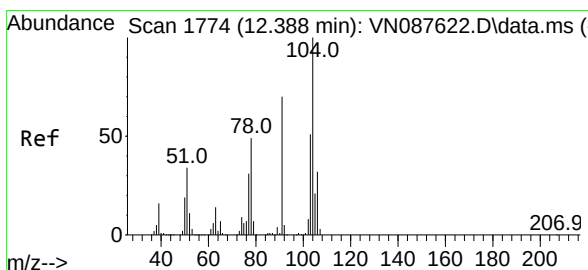
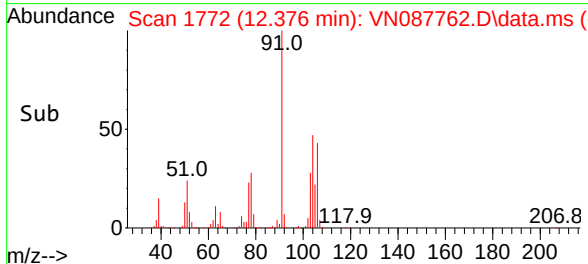
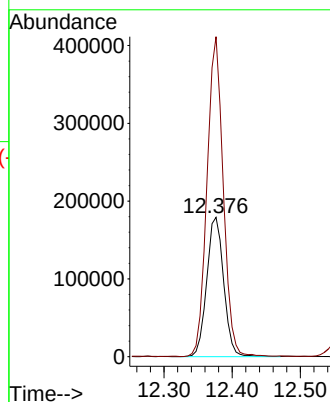
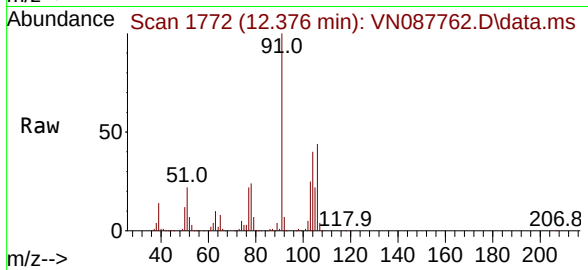




#69  
o-Xylene  
Concen: 46.662 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

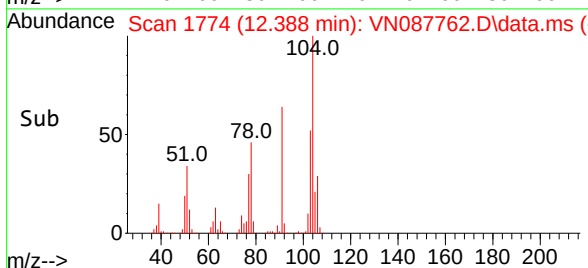
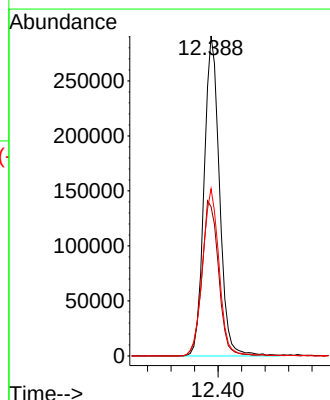
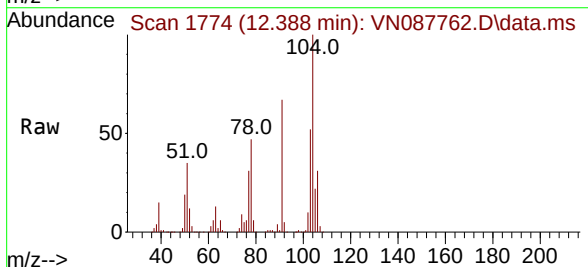
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

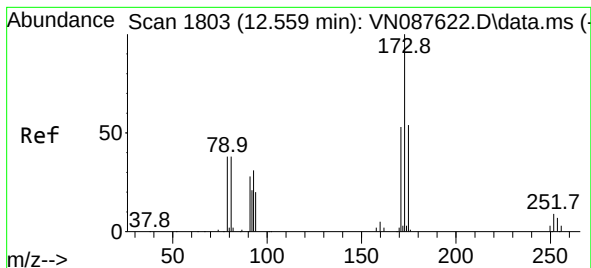
Tgt Ion:106 Resp: 310704  
Ion Ratio Lower Upper  
106 100  
91 219.4 111.4 334.2



#70  
Styrene  
Concen: 47.599 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:104 Resp: 530976  
Ion Ratio Lower Upper  
104 100  
78 52.2 42.2 63.2  
103 56.0 43.4 65.2





#71

Bromoform

Concen: 47.394 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

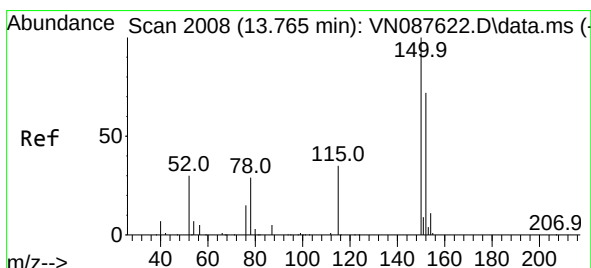
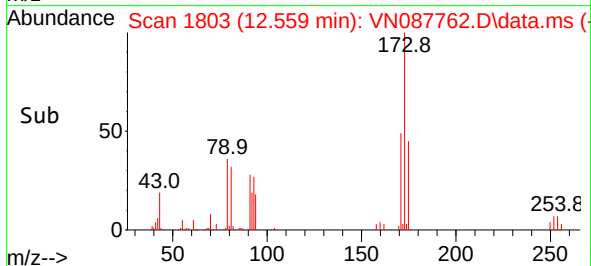
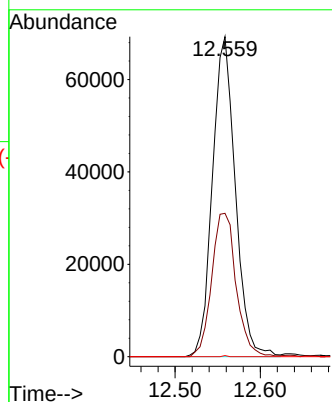
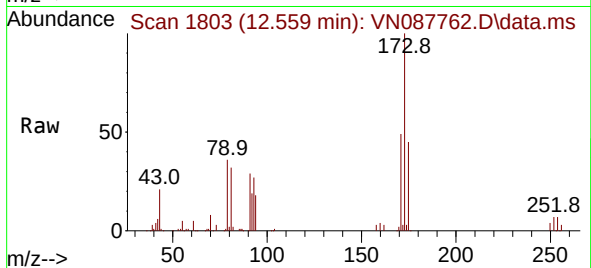
Tgt Ion:173 Resp: 129119

Ion Ratio Lower Upper

173 100

175 47.9 24.9 74.6

254 0.1 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: VN087762.D

Acq: 08 Sep 2025 16:07

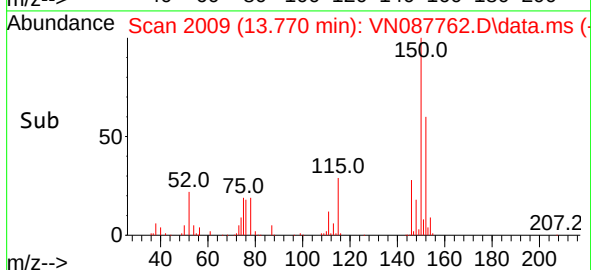
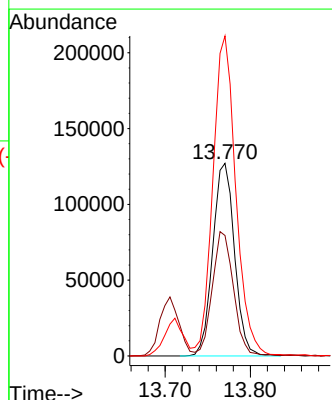
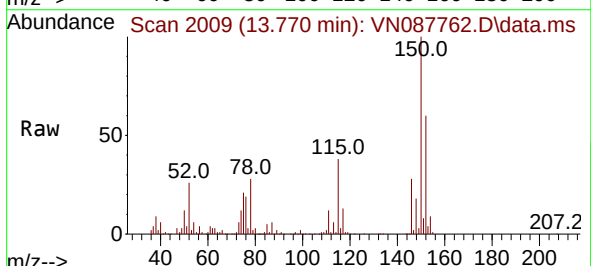
Tgt Ion:152 Resp: 225729

Ion Ratio Lower Upper

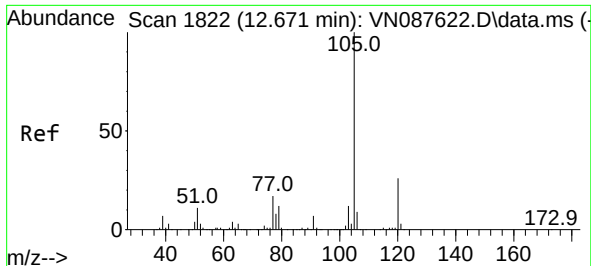
152 100

115 62.0 32.3 96.8

150 176.1 0.0 351.0



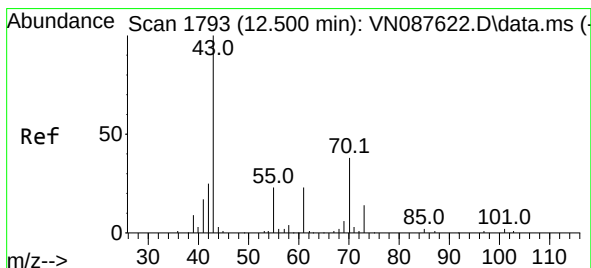
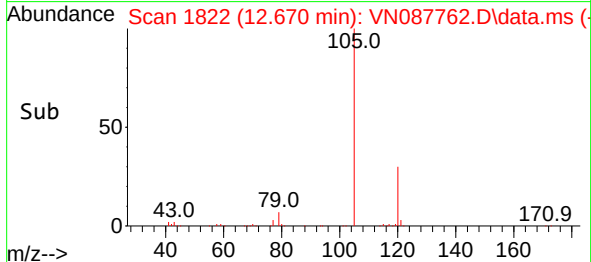
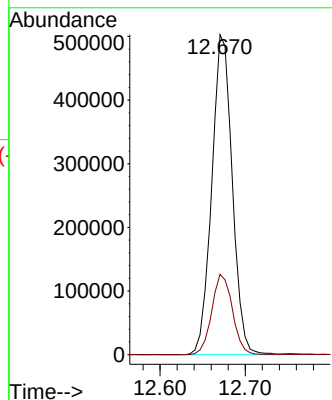
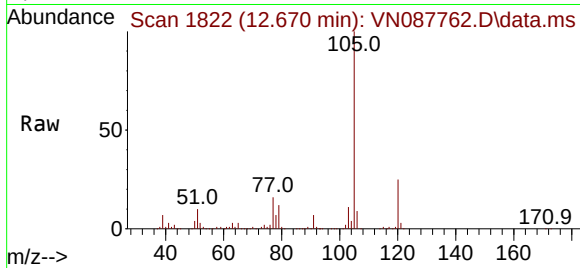




#73  
Isopropylbenzene  
Concen: 46.138 ug/l  
RT: 12.670 min Scan# 1822  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

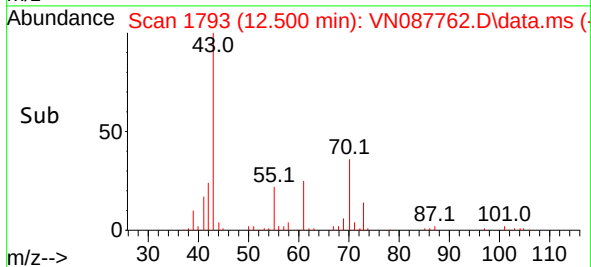
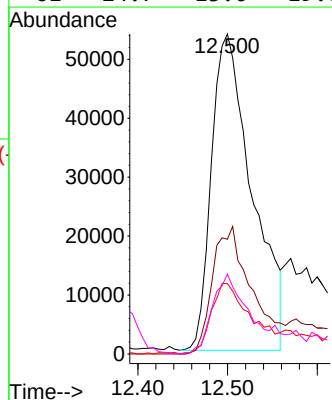
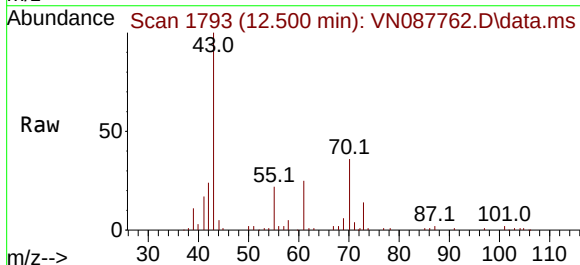
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

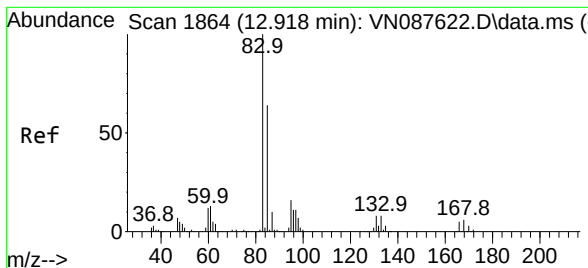
Tgt Ion:105 Resp: 841582  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.8 38.3



#74  
N-ethyl acetate  
Concen: 24.515 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 43 Resp: 169457  
Ion Ratio Lower Upper  
43 100  
70 39.7 27.6 41.4  
55 22.6 13.0 19.6#  
61 24.7 13.0 19.6#

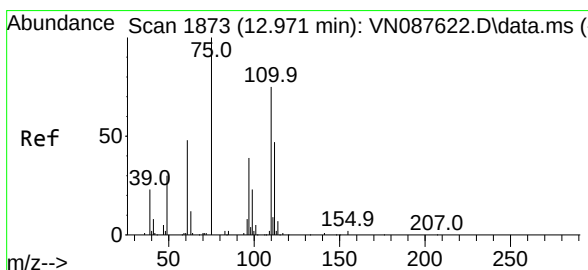
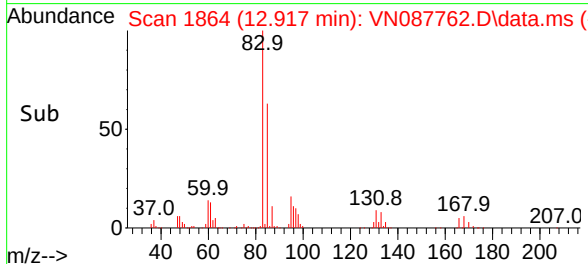
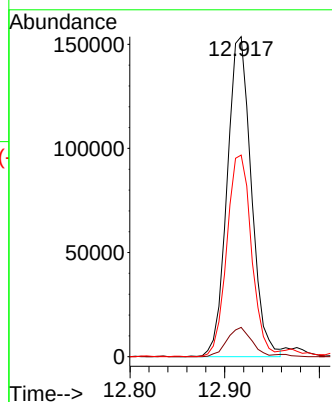
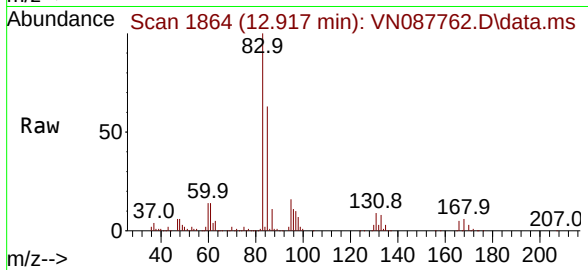




#75  
1,1,2-Tetrachloroethane  
Concen: 43.362 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

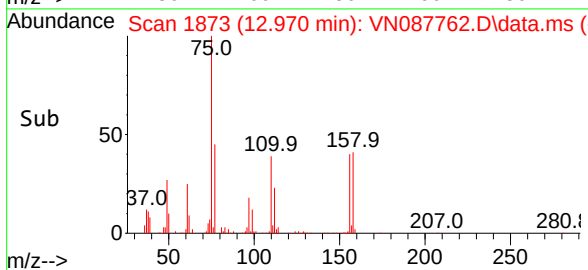
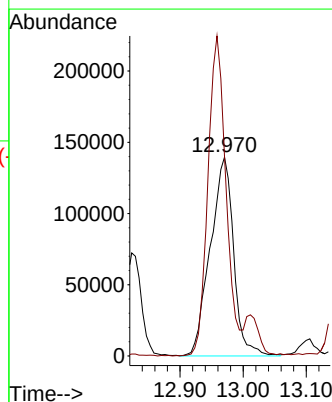
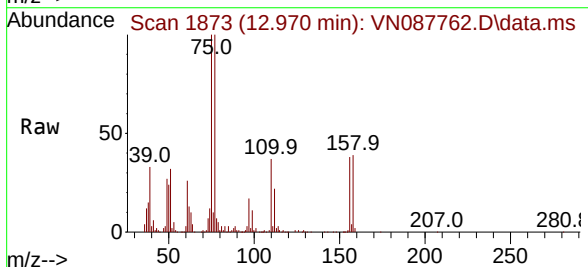
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

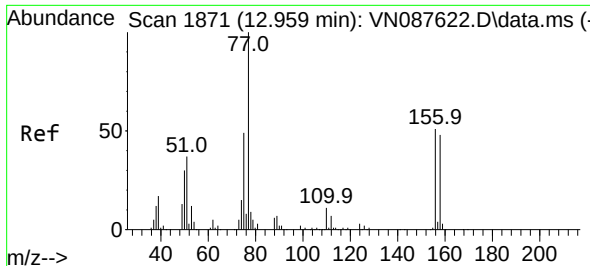
Tgt Ion: 83 Resp: 272306  
Ion Ratio Lower Upper  
83 100  
131 9.4 4.8 14.4  
85 64.2 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 67.663 ug/l  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 75 Resp: 358174  
Ion Ratio Lower Upper  
75 100  
77 125.8 89.1 267.4

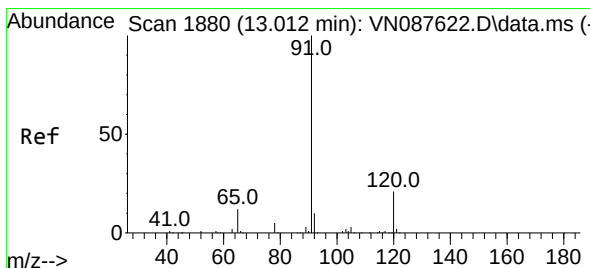
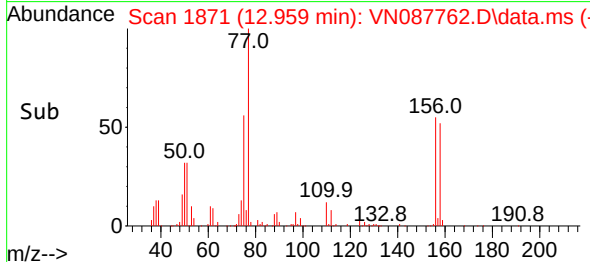
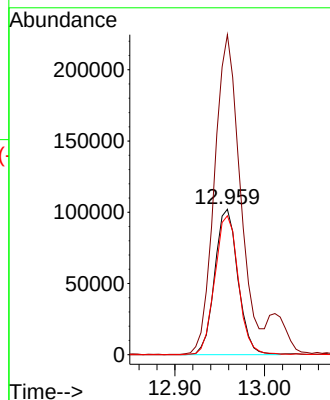
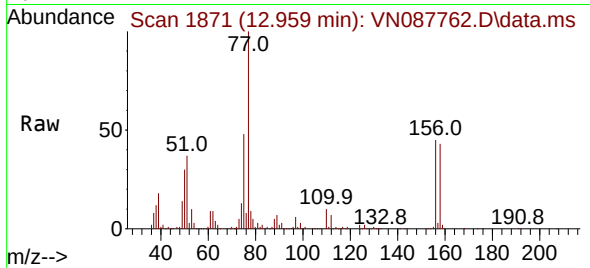




#77  
Bromobenzene  
Concen: 42.596 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

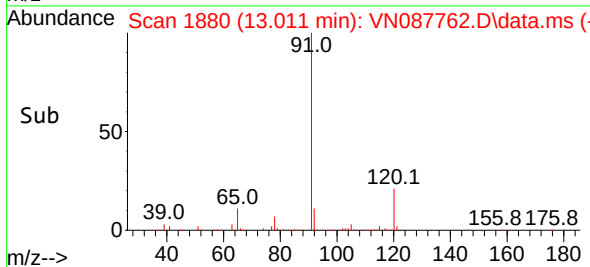
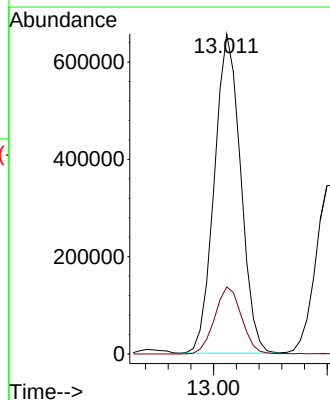
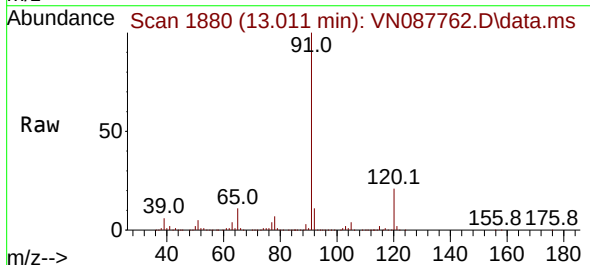
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

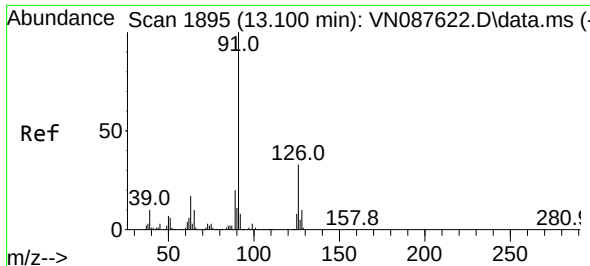
Tgt Ion:156 Resp: 183196  
Ion Ratio Lower Upper  
156 100  
77 245.9 119.3 358.0  
158 97.2 48.2 144.6



#78  
n-propylbenzene  
Concen: 46.923 ug/l  
RT: 13.011 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 91 Resp: 1054241  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.7 32.1

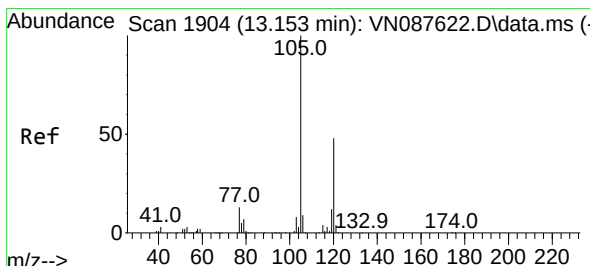
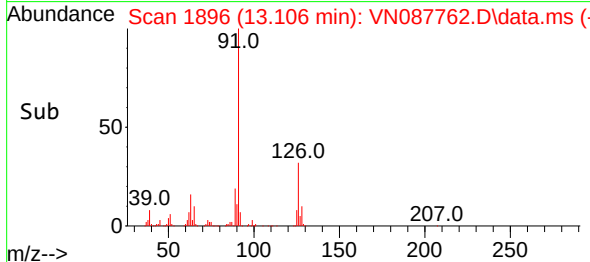
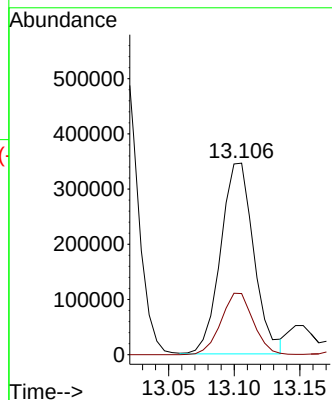
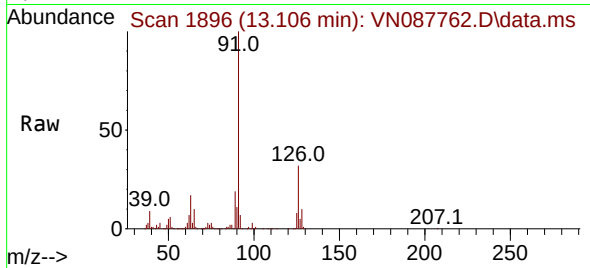




#79  
2-Chlorotoluene  
Concen: 44.992 ug/l  
RT: 13.106 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

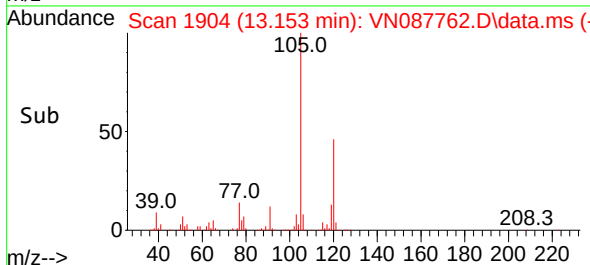
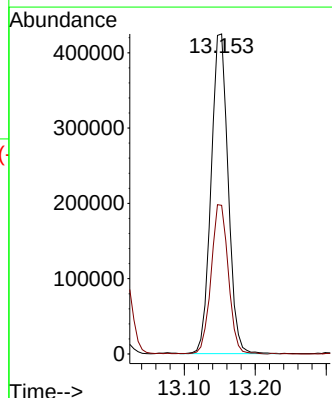
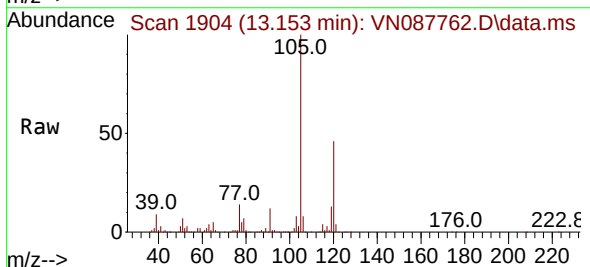
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

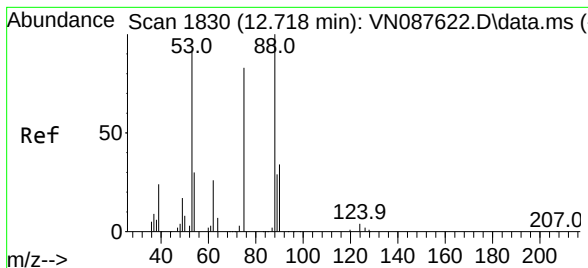
Tgt Ion: 91 Resp: 608328  
Ion Ratio Lower Upper  
91 100  
126 31.5 16.1 48.3



#80  
1,3,5-Trimethylbenzene  
Concen: 45.714 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 105 Resp: 707361  
Ion Ratio Lower Upper  
105 100  
120 47.1 23.2 69.6

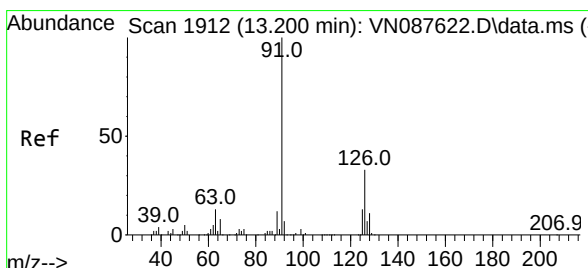
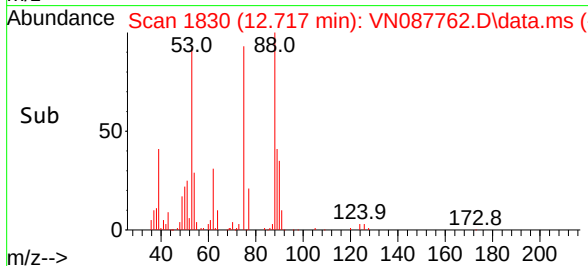
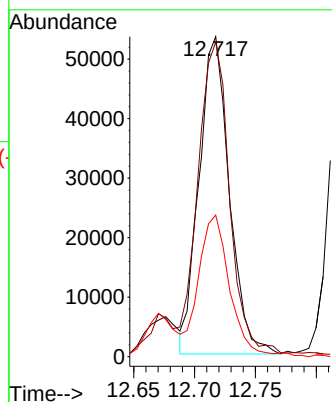
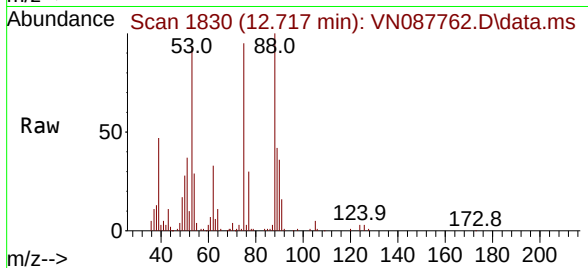




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.068 ug/l  
 RT: 12.717 min Scan# 1830  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

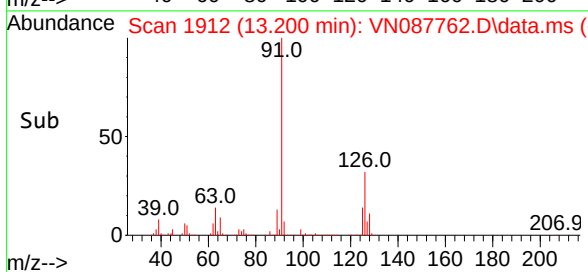
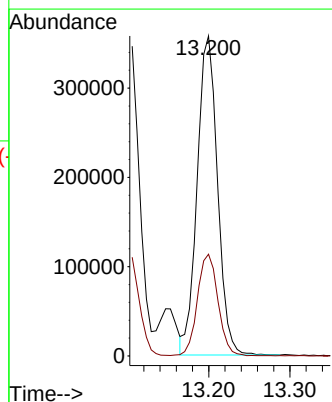
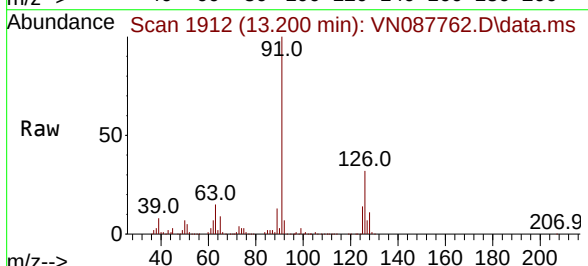
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

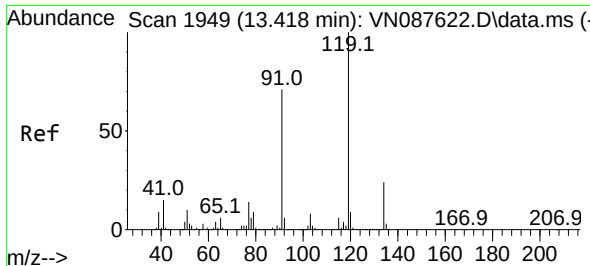
Tgt Ion: 75 Resp: 92113  
 Ion Ratio Lower Upper  
 75 100  
 53 103.1 101.8 152.6  
 89 46.3 35.6 53.4



#82  
 4-Chlorotoluene  
 Concen: 43.719 ug/l  
 RT: 13.200 min Scan# 1912  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion: 91 Resp: 621490  
 Ion Ratio Lower Upper  
 91 100  
 126 32.2 15.6 46.8

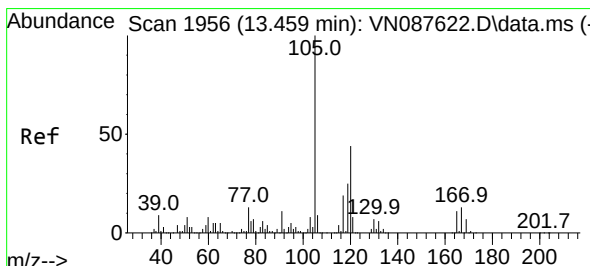
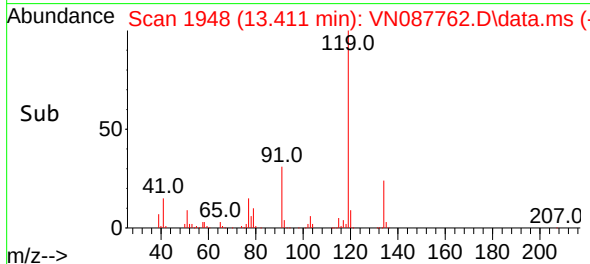
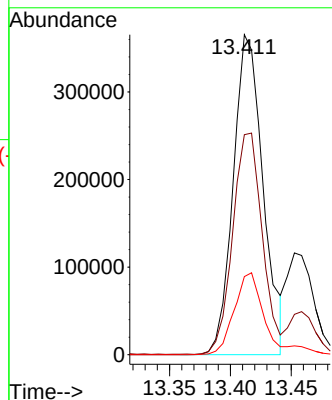
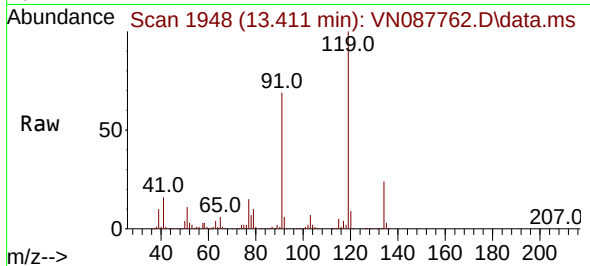




#83  
tert-Butylbenzene  
Concen: 48.308 ug/l  
RT: 13.411 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

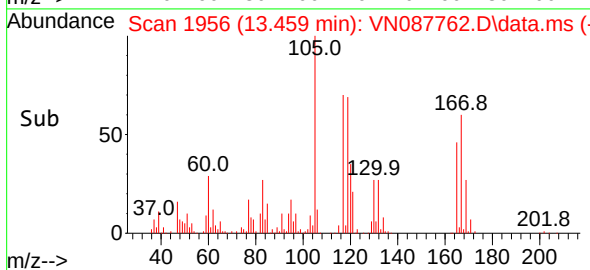
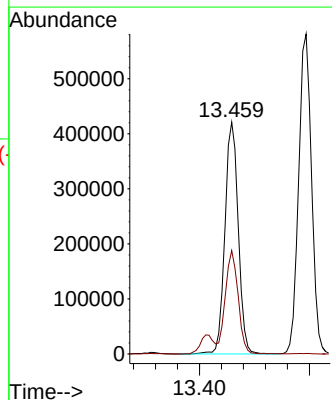
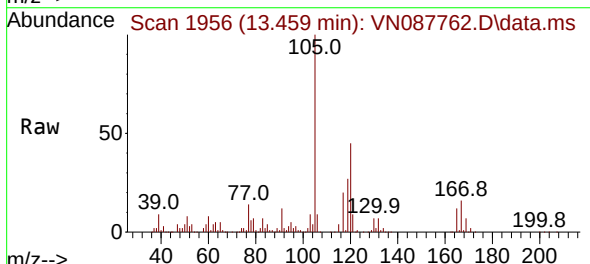
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

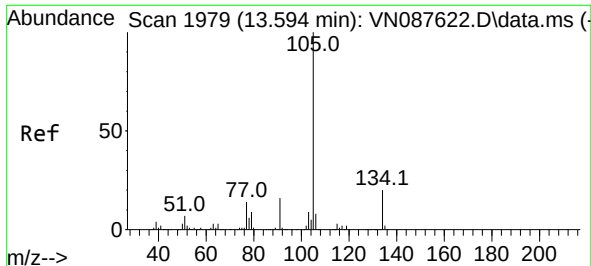
Tgt Ion:119 Resp: 622909  
Ion Ratio Lower Upper  
119 100  
91 68.6 35.0 105.0  
134 26.6 12.6 37.8



#84  
1,2,4-Trimethylbenzene  
Concen: 45.731 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:105 Resp: 708372  
Ion Ratio Lower Upper  
105 100  
120 43.1 22.0 66.0

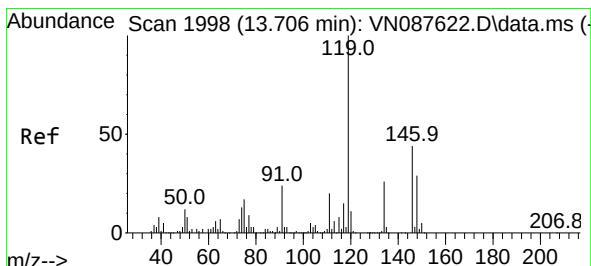
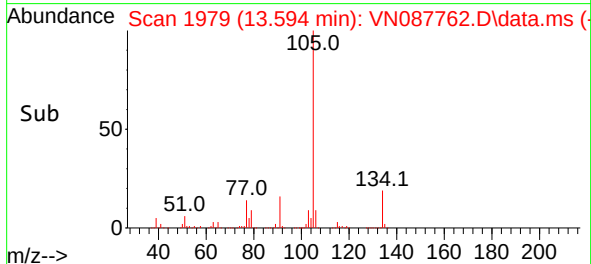
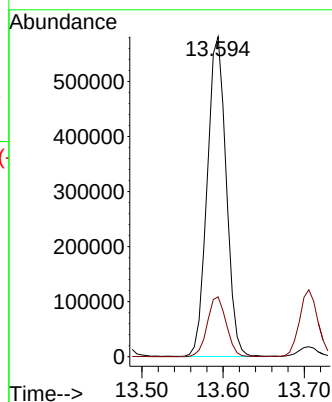
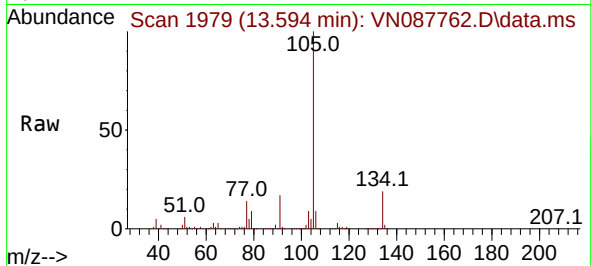




#85  
 sec-Butylbenzene  
 Concen: 49.329 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

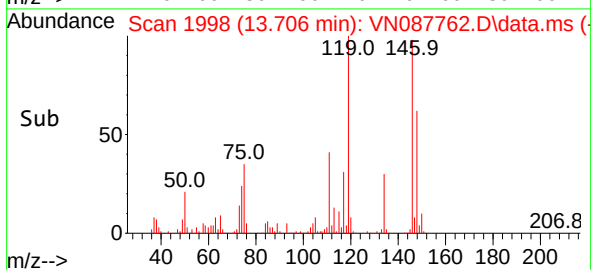
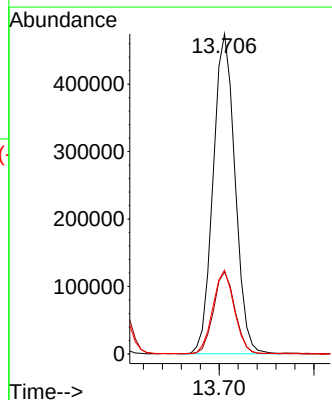
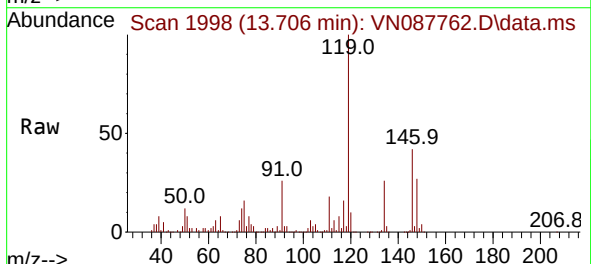
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

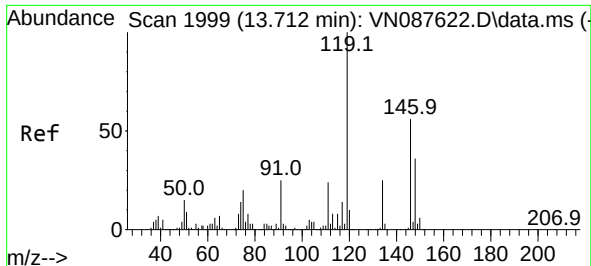
Tgt Ion:105 Resp: 943930  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 48.202 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion:119 Resp: 761630  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.7 38.0  
 91 25.4 12.5 37.5

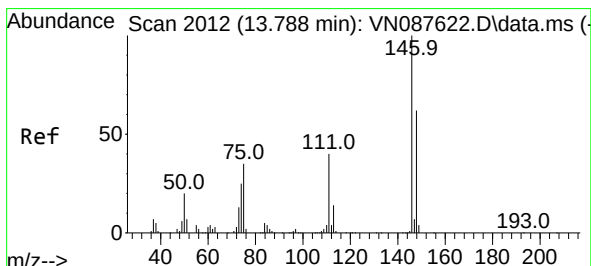
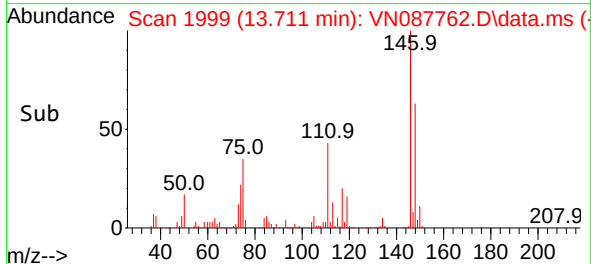
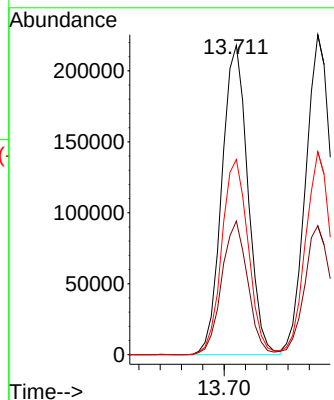
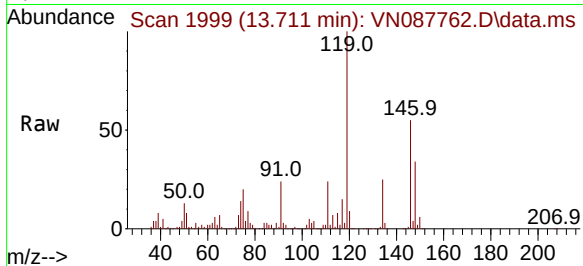




#87  
 1,3-Dichlorobenzene  
 Concen: 43.603 ug/l  
 RT: 13.711 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

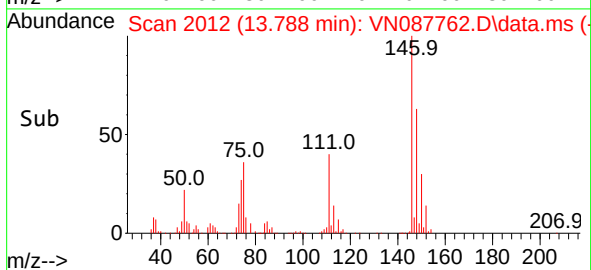
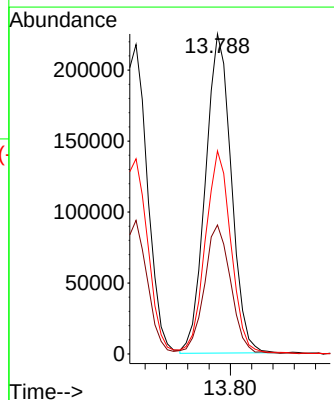
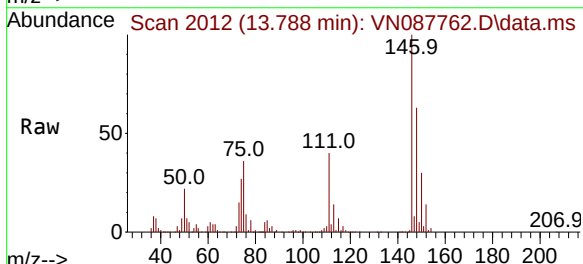
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:146 Resp: 369293  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 22.1 66.5  
 148 64.3 32.0 96.2

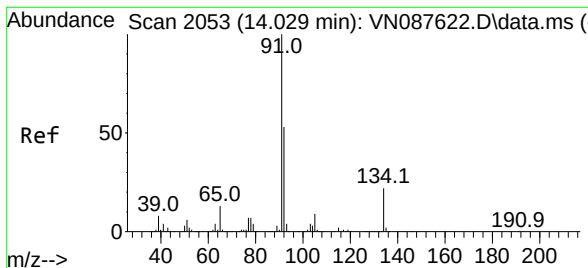


#88  
 1,4-Dichlorobenzene  
 Concen: 42.982 ug/l  
 RT: 13.788 min Scan# 1212  
 Delta R.T. -0.000 min  
 Lab File: VN087762.D  
 Acq: 08 Sep 2025 16:07

Tgt Ion:146 Resp: 378836  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 21.0 63.0  
 148 63.9 32.0 96.0







#89

n-Butylbenzene

Concen: 48.810 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087762.D

Acq: 08 Sep 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

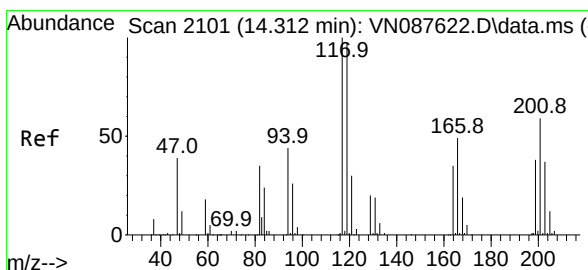
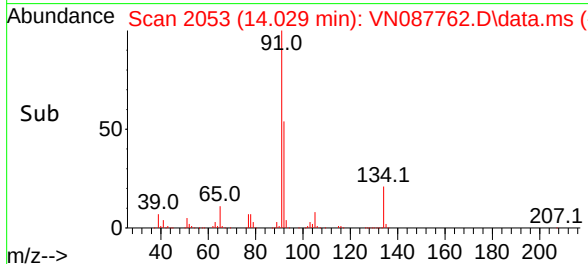
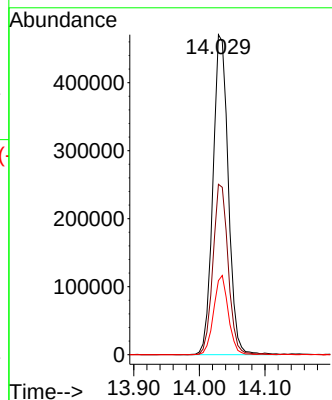
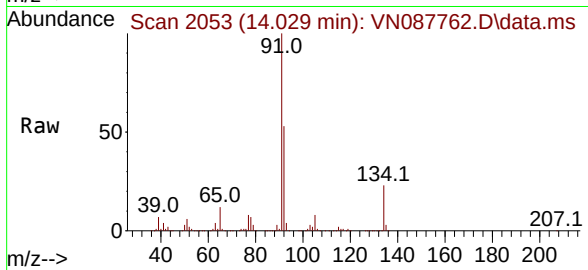
Tgt Ion: 91 Resp: 765972

Ion Ratio Lower Upper

91 100

92 52.9 25.9 77.8

134 23.7 11.7 35.0



#90

Hexachloroethane

Concen: 49.764 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087762.D

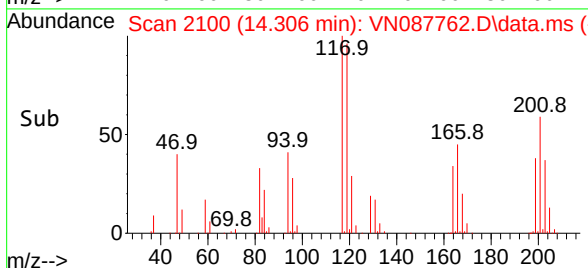
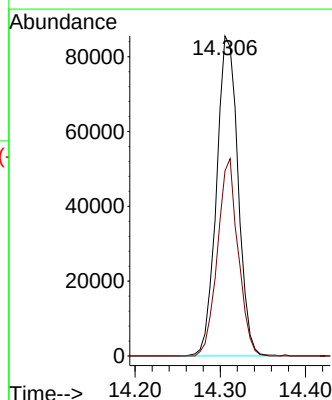
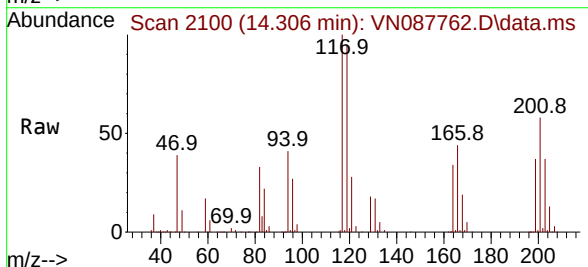
Acq: 08 Sep 2025 16:07

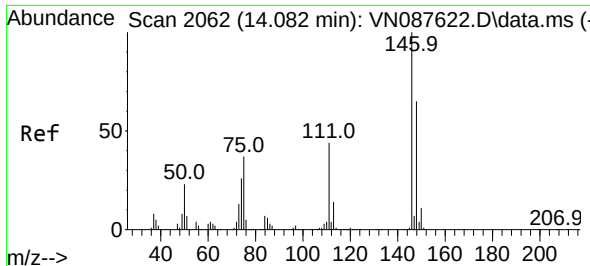
Tgt Ion: 117 Resp: 149807

Ion Ratio Lower Upper

117 100

201 59.2 29.1 87.4

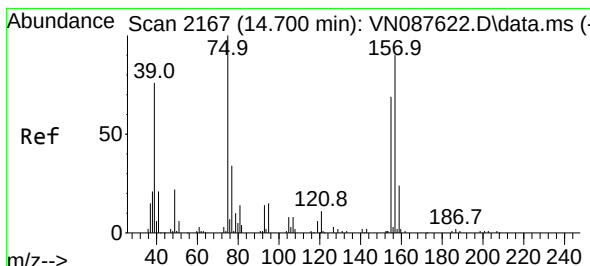
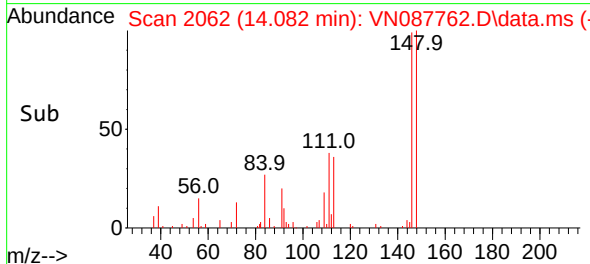
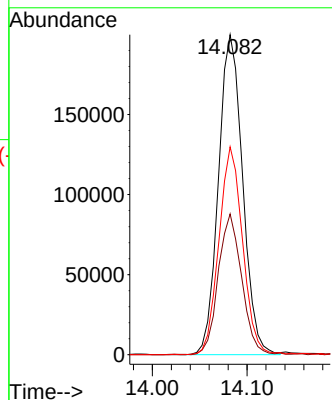
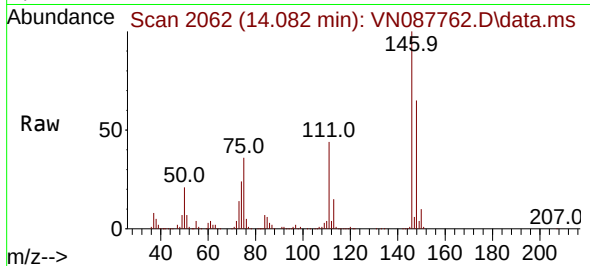




#91  
1,2-Dichlorobenzene  
Concen: 44.140 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

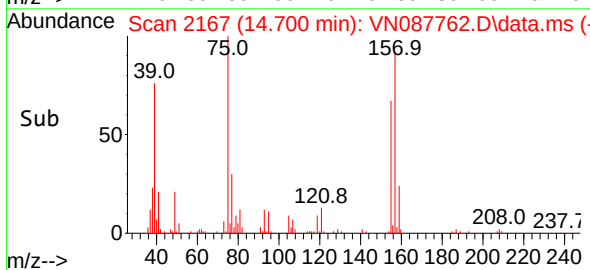
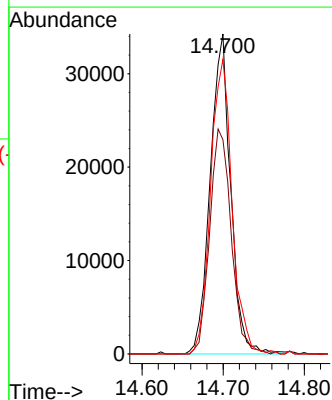
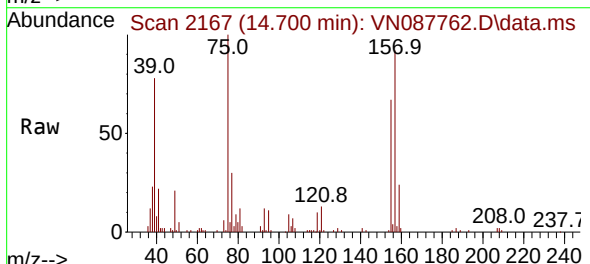
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

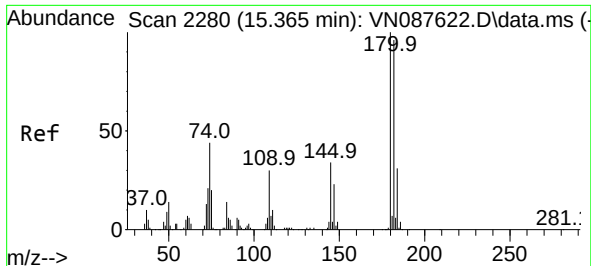
Tgt Ion:146 Resp: 354663  
Ion Ratio Lower Upper  
146 100  
111 42.7 22.6 67.8  
148 63.9 31.9 95.9



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.193 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion: 75 Resp: 59960  
Ion Ratio Lower Upper  
75 100  
155 74.0 36.6 109.9  
157 96.5 45.6 136.9

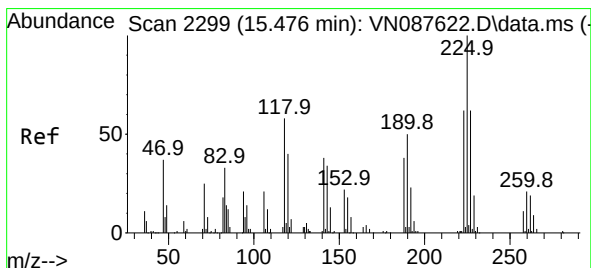
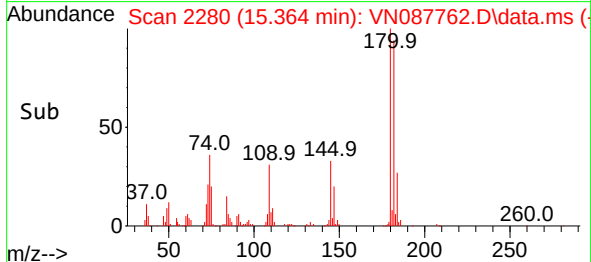
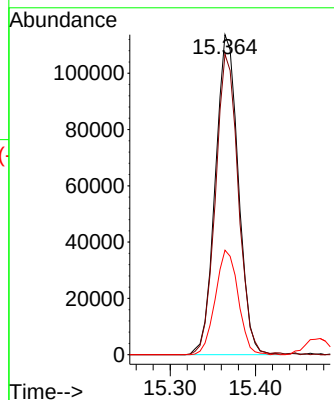
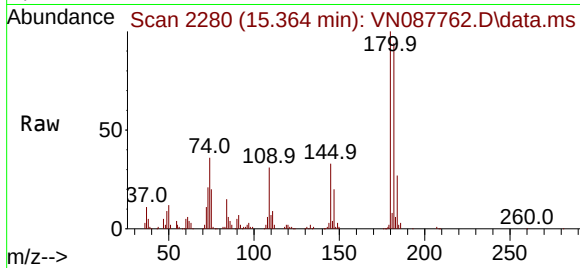




#93  
1,2,4-Trichlorobenzene  
Concen: 44.060 ug/l  
RT: 15.364 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

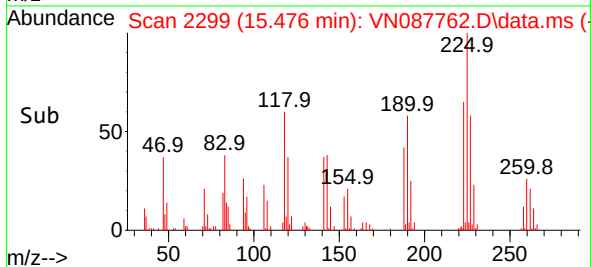
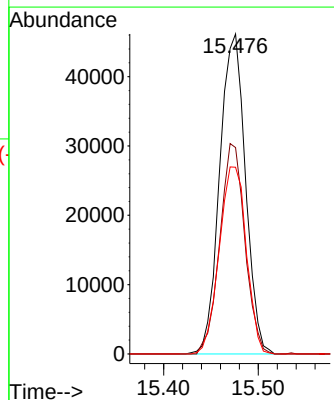
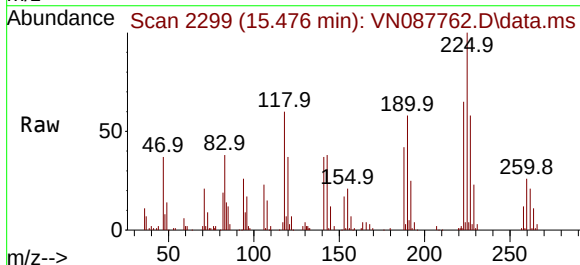
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

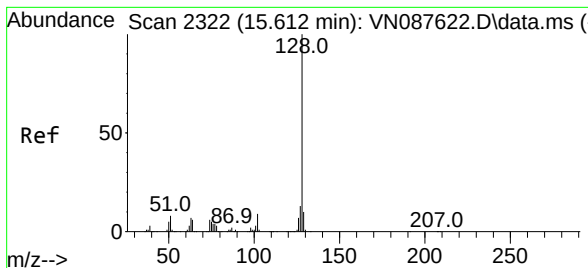
Tgt Ion:180 Resp: 212589  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.6 142.9  
145 32.5 16.5 49.5



#94  
Hexachlorobutadiene  
Concen: 50.699 ug/l  
RT: 15.476 min Scan# 2299  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:225 Resp: 87209  
Ion Ratio Lower Upper  
225 100  
223 64.0 32.0 96.2  
227 61.4 32.1 96.5

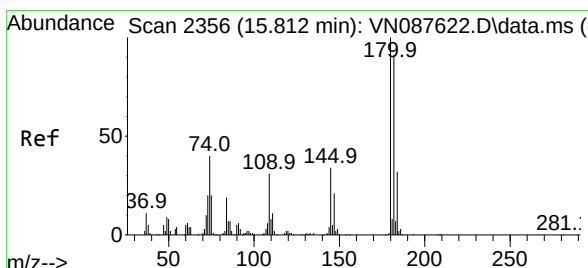
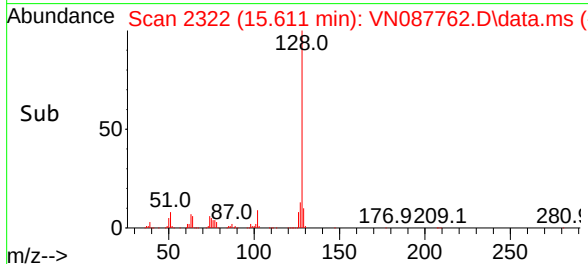
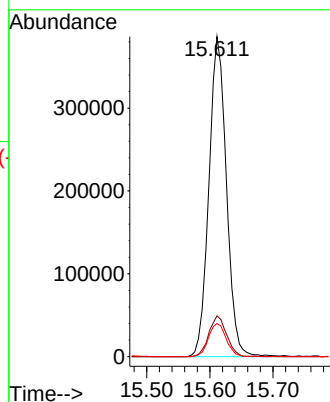
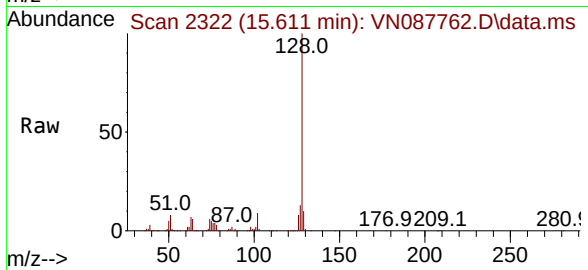




#95  
Naphthalene  
Concen: 43.496 ug/l  
RT: 15.611 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 743352  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.6 15.8  
129 10.6 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 42.746 ug/l  
RT: 15.811 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: VN087762.D  
Acq: 08 Sep 2025 16:07

Tgt Ion:180 Resp: 201627  
Ion Ratio Lower Upper  
180 100  
182 95.5 46.8 140.3  
145 35.9 17.3 52.0

