

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112025\  
 Data File : VN088325.D  
 Acq On : 20 Nov 2025 12:44  
 Operator : JC\MD  
 Sample : Q3676-03MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 21 02:59:58 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N11325W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 14 00:49:21 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 7.794  | 128   | 34515    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 9.082  | 114   | 167024   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.847 | 117   | 156623   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.559  | 65    | 91543    | 29.036   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 96.800%  |
| 60) 4-Bromofluorobenzene     | 12.829 | 95    | 74605    | 28.178   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 93.933%  |
| 63) Toluene-d8               | 10.547 | 98    | 217495   | 29.331   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 97.767%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142  | 85    | 35417    | 14.598   | ug/l   | 97       |
| 3) Chloromethane             | 2.383  | 50    | 50873    | 20.337   | ug/l   | 93       |
| 4) Vinyl Chloride            | 2.542  | 62    | 42755    | 16.164   | ug/l   | 94       |
| 5) Bromomethane              | 2.983  | 94    | 25287    | 17.930   | ug/l   | 89       |
| 6) Chloroethane              | 3.142  | 64    | 27917    | 17.075   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.512  | 101   | 56165    | 15.146   | ug/l   | 93       |
| 8) Diethyl Ether             | 3.965  | 74    | 22556    | 16.274   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 29146    | 14.982   | ug/l   | 71       |
| 10) 1,1-Dichloroethene       | 4.348  | 96    | 30805    | 16.231   | ug/l   | 86       |
| 11) Methyl Iodide            | 4.583  | 142   | 25359    | 12.555   | ug/l # | 88       |
| 12) Methyl Acetate           | 5.018  | 43    | 65220    | 21.300   | ug/l   | 99       |
| 13) Acrolein                 | 4.177  | 56    | 72941    | 161.912  | ug/l   | 99       |
| 14) Acrylonitrile            | 5.706  | 53    | 134681   | 96.801   | ug/l # | 88       |
| 15) Acetone                  | 4.424  | 58    | 209179   | 514.117  | ug/l   | 100      |
| 16) Carbon Disulfide         | 4.700  | 76    | 102213   | 15.968   | ug/l   | 99       |
| 17) Allyl chloride           | 5.018  | 41    | 60674    | 16.451   | ug/l   | 94       |
| 18) Methylene Chloride       | 5.271  | 84    | 41420    | 17.558   | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 5.777  | 96    | 36135    | 16.350   | ug/l   | 96       |
| 20) Diisopropyl ether        | 6.653  | 45    | 135923   | 17.246   | ug/l # | 98       |
| 21) 1,1-Dichloroethane       | 6.553  | 63    | 73223    | 16.491   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 7.471  | 96    | 42477    | 16.536   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 5.518  | 59    | 63778    | 124.664  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.789  | 73    | 126262   | 16.500   | ug/l # | 73       |
| 25) Chloroform               | 7.953  | 83    | 173511   | 39.437   | ug/l   | 99       |
| 26) Cyclohexane              | 8.236  | 56    | 51482    | 13.727   | ug/l # | 95       |
| 29) 1,1-Dichloropropene      | 8.353  | 75    | 46600    | 16.721   | ug/l   | 99       |
| 30) 2-Butanone               | 7.471  | 43    | 188677   | 104.662  | ug/l   | 97       |
| 31) 2,2-Dichloropropane      | 7.477  | 77    | 59864    | 17.416   | ug/l # | 80       |
| 32) 1,1,1-Trichloroethane    | 8.153  | 97    | 61609    | 17.933   | ug/l   | 96       |
| 33) Carbon Tetrachloride     | 8.341  | 117   | 50613    | 17.252   | ug/l   | 96       |
| 34) Benzene                  | 8.588  | 78    | 154076   | 18.496   | ug/l   | 96       |
| 35) Methacrylonitrile        | 7.765  | 41    | 36453    | 19.386   | ug/l   | 95       |
| 36) 1,2-Dichloroethane       | 8.659  | 62    | 62472    | 19.270   | ug/l   | 100      |
| 37) Trichloroethene          | 9.335  | 130   | 34032    | 18.028   | ug/l   | 92       |
| 38) Methylcyclohexane        | 9.582  | 83    | 44012    | 13.775   | ug/l   | 95       |
| 39) 1,2-Dichloropropane      | 9.600  | 63    | 41038    | 19.095   | ug/l   | 98       |
| 40) Dibromomethane           | 9.682  | 93    | 30194    | 19.554   | ug/l   | 99       |
| 41) Bromodichloromethane     | 9.865  | 83    | 80864    | 26.014   | ug/l   | 98       |
| 42) Vinyl Acetate            | 6.594  | 43    | 550138   | 91.434   | ug/l   | 99       |

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 Sample : Q3676-03MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

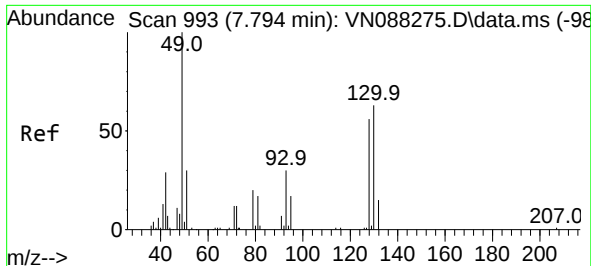
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Nov 14 00:49:21 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.547  | 43   | 63132    | 17.405  | ug/l # | 85       |
| 44) Isopropyl Acetate         | 8.671  | 43   | 107919   | 19.306  | ug/l   | 98       |
| 45) 1,4-Dioxane               | 9.677  | 88   | 18751    | 557.040 | ug/l # | 84       |
| 46) Methyl methacrylate       | 9.665  | 41   | 46935    | 17.943  | ug/l   | 98       |
| 47) n-amyl Acetate            | 12.665 | 43   | 1150     | 0.406   | ug/l # | 100      |
| 48) t-1,3-Dichloropropene     | 10.812 | 75   | 60331    | 18.146  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 10.294 | 75   | 61261    | 17.709  | ug/l   | 98       |
| 50) 1,1,2-Trichloroethane     | 11.000 | 97   | 37423    | 19.600  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.853 | 69   | 53194    | 16.933  | ug/l   | 96       |
| 52) 1,3-Dichloropropane       | 11.141 | 76   | 67280    | 19.348  | ug/l   | 98       |
| 53) Dibromochloromethane      | 11.335 | 129  | 44702    | 20.382  | ug/l   | 93       |
| 54) 1,2-Dibromoethane         | 11.447 | 107  | 36901    | 18.600  | ug/l   | 98       |
| 56) Bromoform                 | 12.559 | 173  | 24964    | 17.983  | ug/l   | 96       |
| 58) 4-Methyl-2-Pentanone      | 10.424 | 43   | 375872   | 106.106 | ug/l   | 94       |
| 59) 2-Hexanone                | 11.182 | 43   | 207729   | 88.310  | ug/l   | 99       |
| 61) Tetrachloroethene         | 11.082 | 164  | 25918    | 16.050  | ug/l   | 87       |
| 62) Toluene                   | 10.612 | 91   | 158441   | 17.628  | ug/l   | 100      |
| 64) Chlorobenzene             | 11.871 | 112  | 99334    | 17.845  | ug/l   | 98       |
| 65) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 35127    | 18.437  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.941 | 91   | 163280   | 16.483  | ug/l   | 98       |
| 67) m/p-Xylenes               | 12.053 | 106  | 120670   | 32.574  | ug/l   | 98       |
| 68) o-Xylene                  | 12.376 | 106  | 55295    | 15.823  | ug/l   | 99       |
| 69) Styrene                   | 12.394 | 104  | 92168    | 15.529  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.671 | 105  | 140914   | 15.216  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 58625    | 19.542  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.976 | 75   | 74672    | 25.693  | ug/l   | 48       |
| 73) Bromobenzene              | 12.959 | 156  | 37829    | 18.093  | ug/l   | 92       |
| 74) n-propylbenzene           | 13.012 | 91   | 174924   | 15.262  | ug/l   | 98       |
| 75) 2-Chlorotoluene           | 13.106 | 91   | 108157   | 15.519  | ug/l   | 98       |
| 76) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 120083   | 15.447  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.718 | 75   | 16684    | 16.717  | ug/l   | 91       |
| 78) 4-Chlorotoluene           | 13.200 | 91   | 106474   | 15.076  | ug/l   | 93       |
| 79) tert-butylbenzene         | 13.418 | 119  | 99187    | 14.903  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 121001   | 15.653  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.594 | 105  | 142301   | 14.659  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.706 | 119  | 118781   | 14.808  | ug/l   | 97       |
| 83) 1,3-Dichlorobenzene       | 13.712 | 146  | 71298    | 17.551  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.788 | 146  | 73420    | 17.847  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.035 | 91   | 114857   | 15.024  | ug/l   | 99       |
| 86) Hexachloroethane          | 14.312 | 117  | 26039    | 16.954  | ug/l   | 97       |
| 87) 1,2-Dichlorobenzene       | 14.082 | 146  | 66436    | 17.327  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 12990    | 18.422  | ug/l   | 99       |
| 89) 1,2,4-Trichlorobenzene    | 15.811 | 180  | 34443    | 16.008  | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 15.476 | 225  | 14458    | 17.302  | ug/l   | 98       |
| 91) Naphthalene               | 15.617 | 128  | 128004   | 16.442  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 34443    | 16.008  | ug/l   | 97       |

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

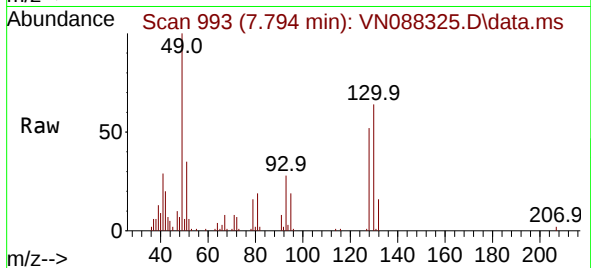
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Nov 14 00:49:21 2025  
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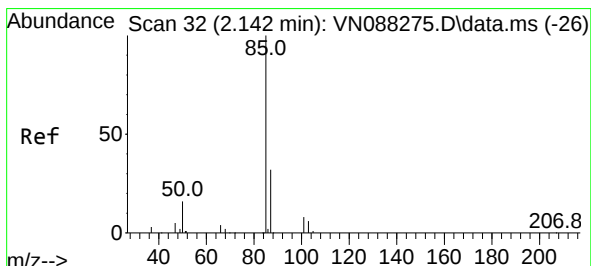
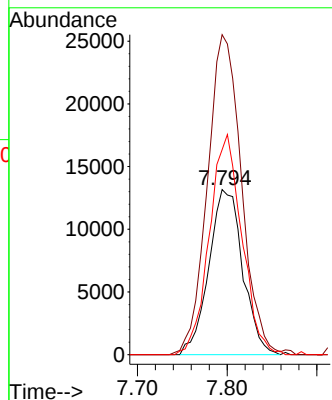
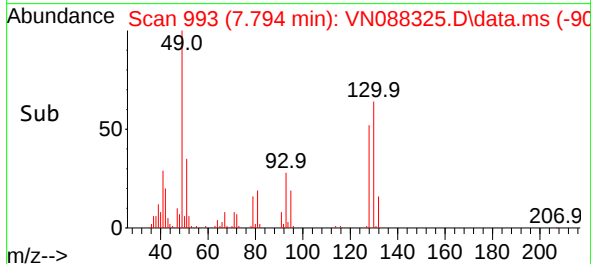


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.794 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
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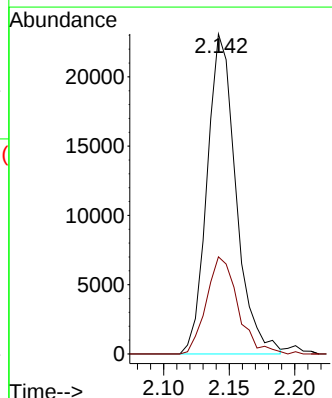
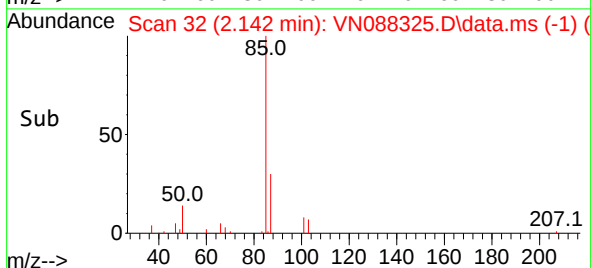
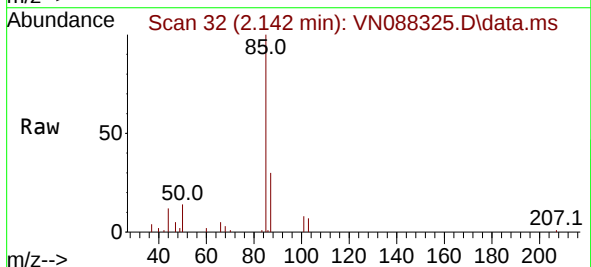


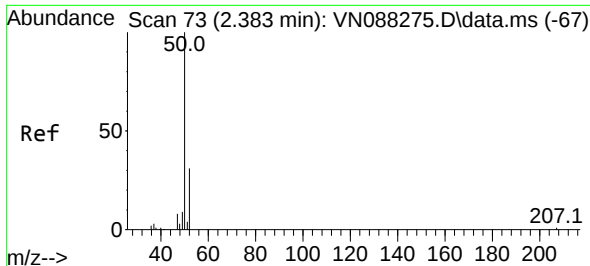
Tgt Ion:128 Resp: 34515  
Ion Ratio Lower Upper  
128 100  
49 194.6 0.0 501.2  
130 128.2 0.0 320.2



#2  
Dichlorodifluoromethane  
Concen: 14.598 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 85 Resp: 35417  
Ion Ratio Lower Upper  
85 100  
87 30.4 16.0 48.0

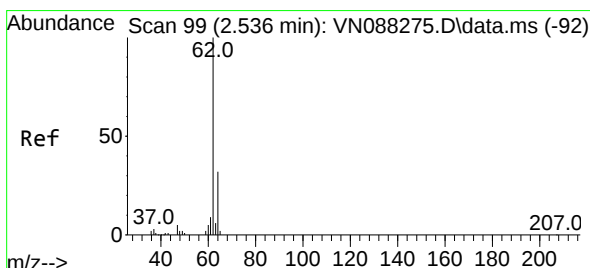
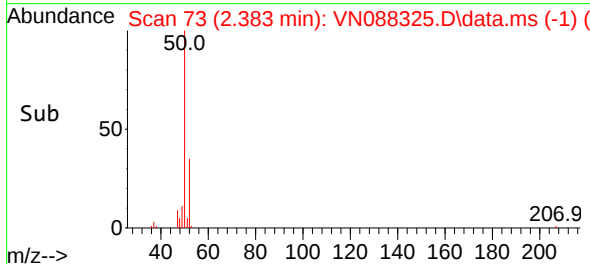
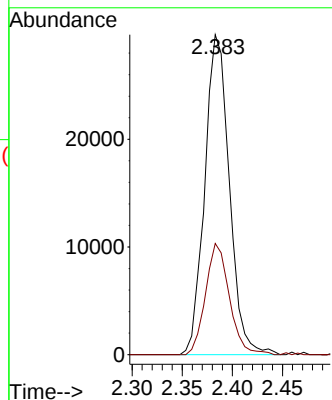
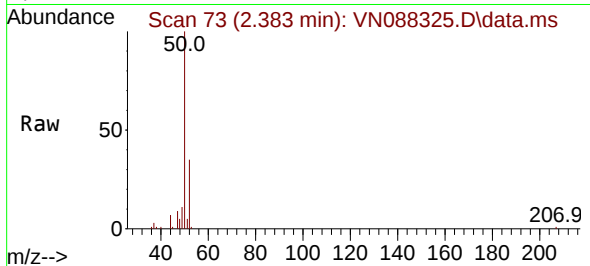




#3  
Chloromethane  
Concen: 20.337 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

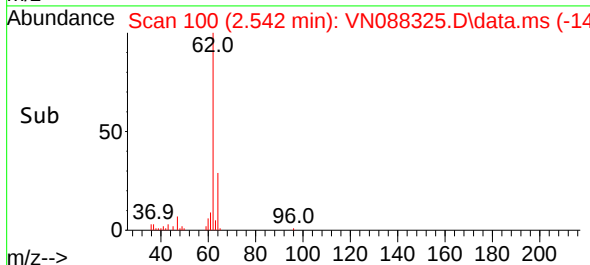
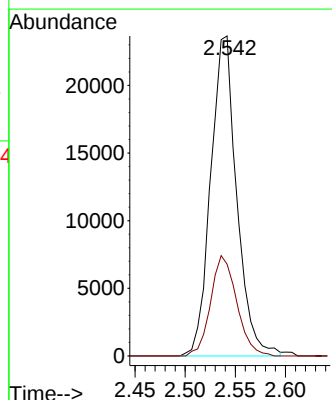
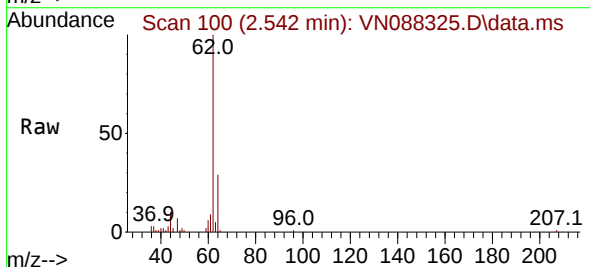
Instrument :  
MSVOA\_N  
ClientSampleId :

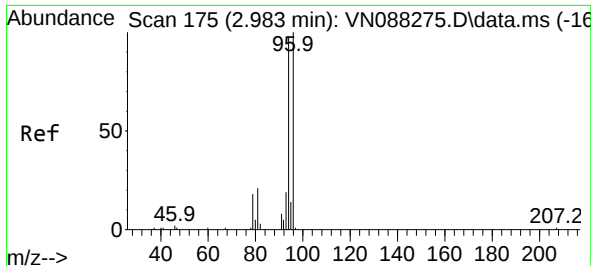
Tgt Ion: 50 Resp: 50873  
Ion Ratio Lower Upper  
50 100  
52 34.7 24.6 36.8



#4  
Vinyl Chloride  
Concen: 16.164 ug/l  
RT: 2.542 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 62 Resp: 42755  
Ion Ratio Lower Upper  
62 100  
64 28.7 25.4 38.2

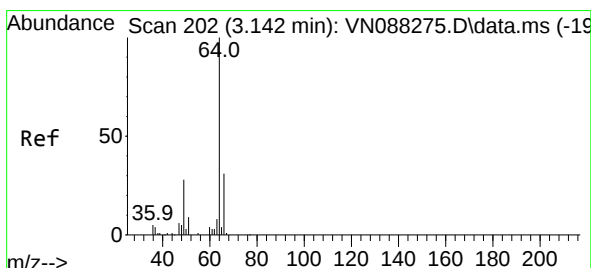
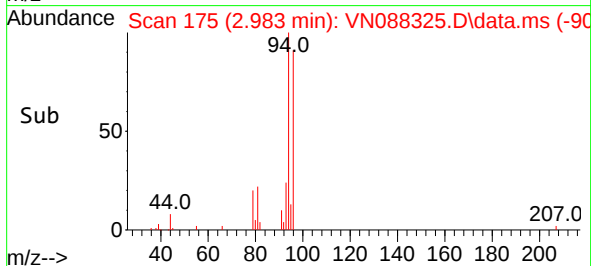
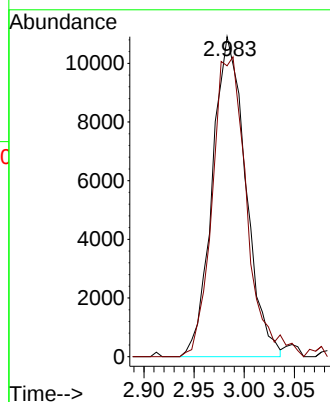
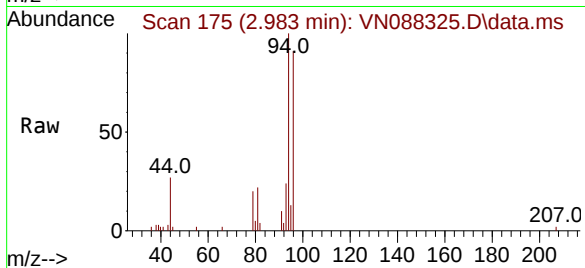




#5  
Bromomethane  
Concen: 17.930 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

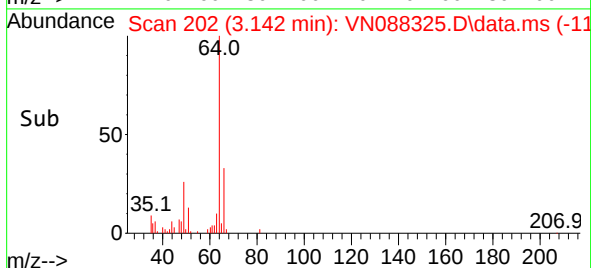
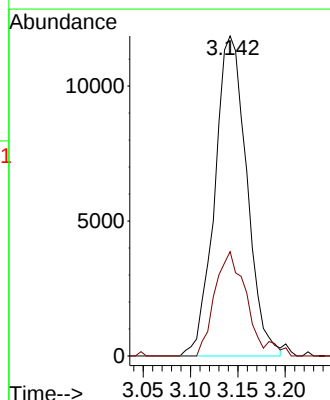
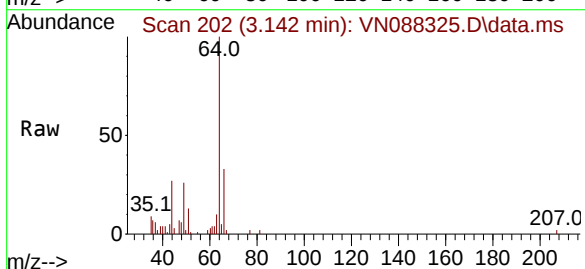
Instrument :  
MSVOA\_N  
ClientSampleId :

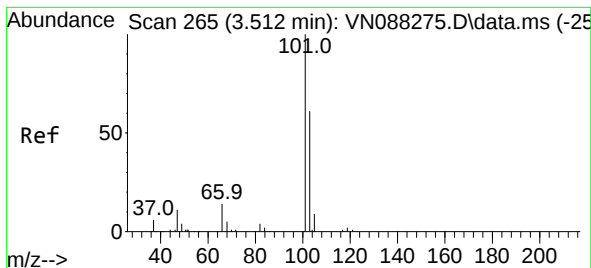
Tgt Ion: 94 Resp: 25287  
Ion Ratio Lower Upper  
94 100  
96 90.9 81.3 121.9



#6  
Chloroethane  
Concen: 17.075 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 64 Resp: 27917  
Ion Ratio Lower Upper  
64 100  
66 32.6 24.7 37.1





#7

Trichlorofluoromethane

Concen: 15.146 ug/l

RT: 3.512 min Scan# 265

Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

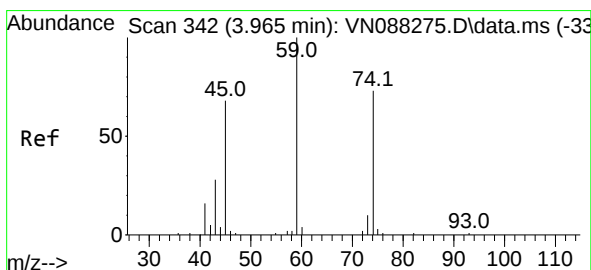
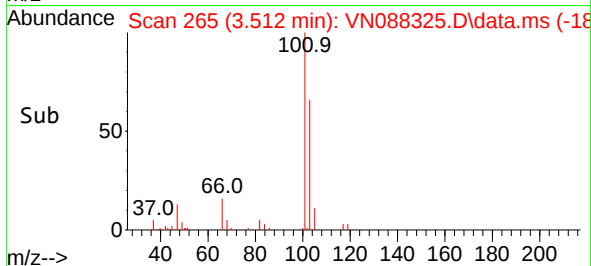
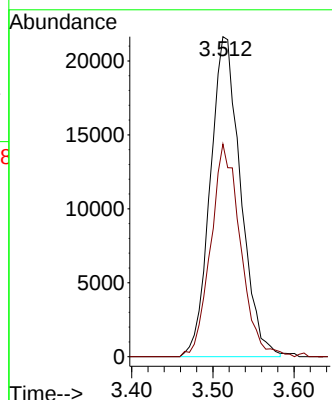
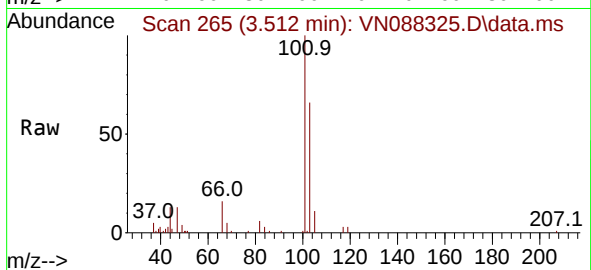
ClientSampleId :

Tgt Ion:101 Resp: 56165

Ion Ratio Lower Upper

101 100

103 66.5 48.6 73.0



#8

Diethyl Ether

Concen: 16.274 ug/l

RT: 3.965 min Scan# 342

Delta R.T. -0.000 min

Lab File: VN088325.D

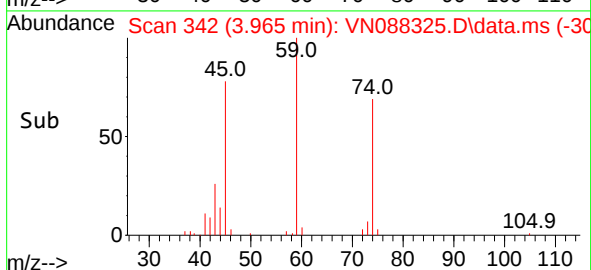
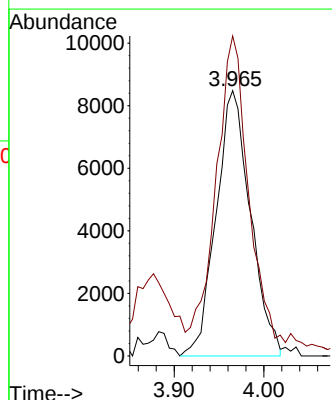
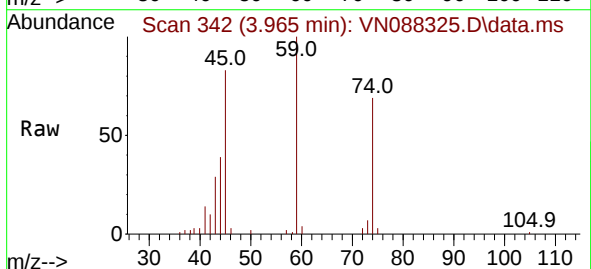
Acq: 20 Nov 2025 12:44

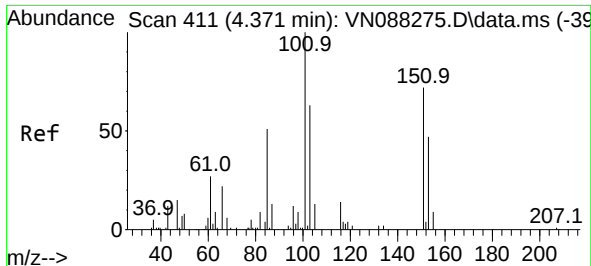
Tgt Ion: 74 Resp: 22556

Ion Ratio Lower Upper

74 100

45 106.4 20.9 187.7

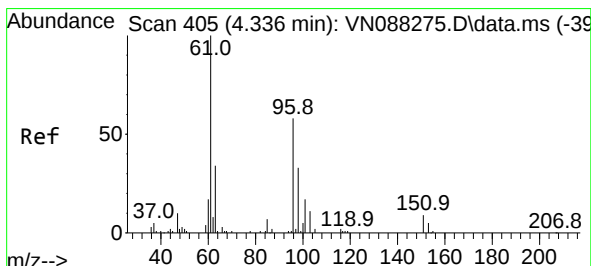
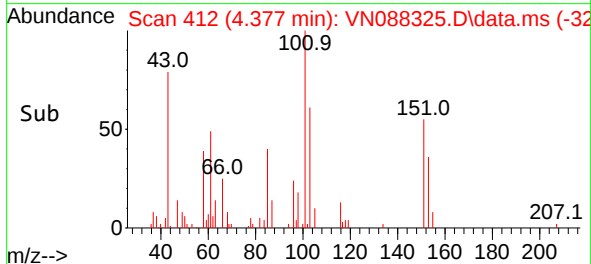
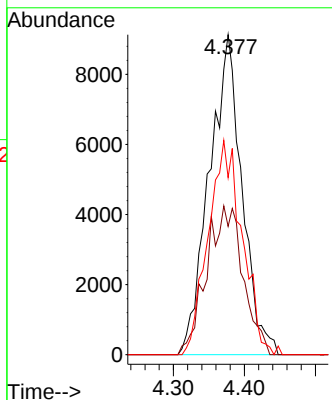
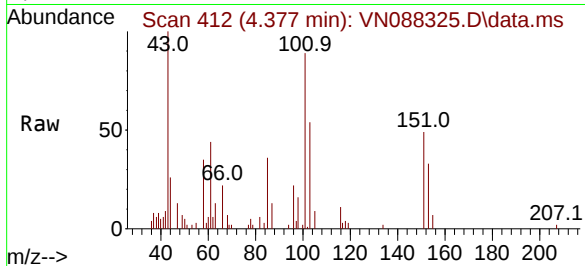




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 14.982 ug/l  
 RT: 4.377 min Scan# 411  
 Delta R.T. 0.006 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

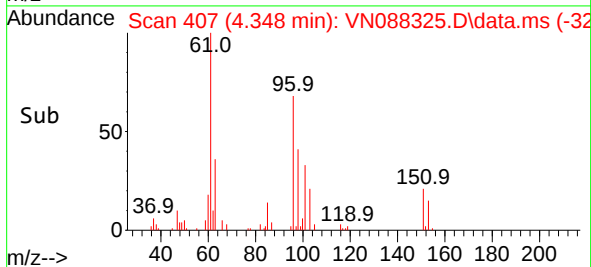
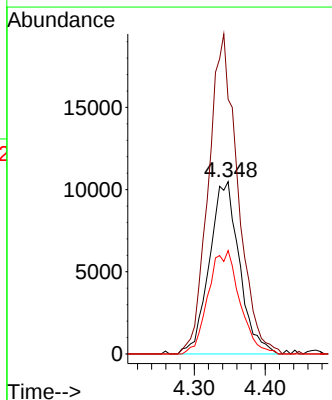
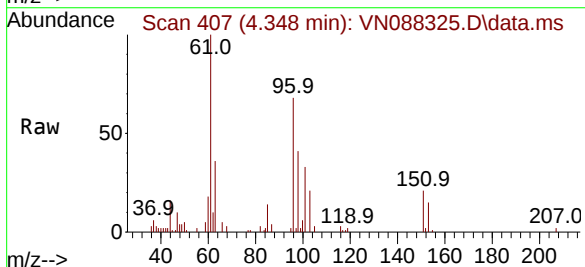
Instrument :  
 MSVOA\_N  
 ClientSampleId :

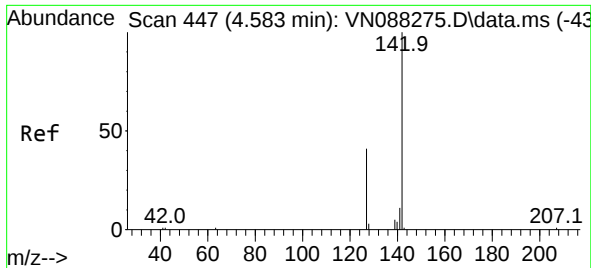
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 29146 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 3.1   | 0.0   | 100.8 |
| 151      | 69.5  | 0.0   | 138.4 |



#10  
 1,1-Dichloroethene  
 Concen: 16.231 ug/l  
 RT: 4.348 min Scan# 407  
 Delta R.T. 0.012 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

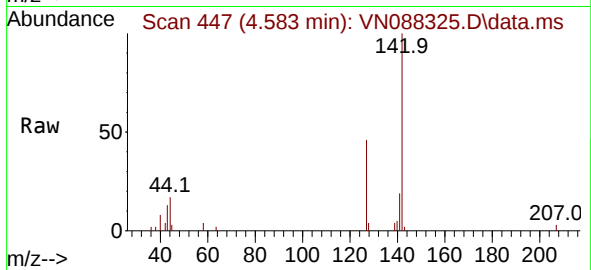
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 30805 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.8 | 137.8 | 206.8 |
| 98       | 60.0  | 45.6  | 68.4  |



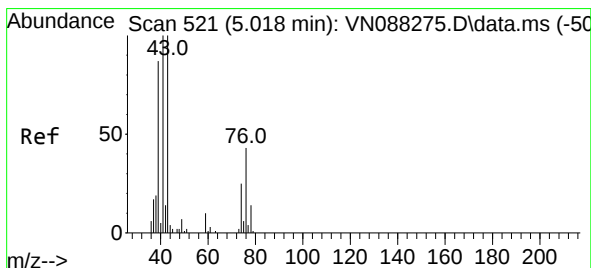
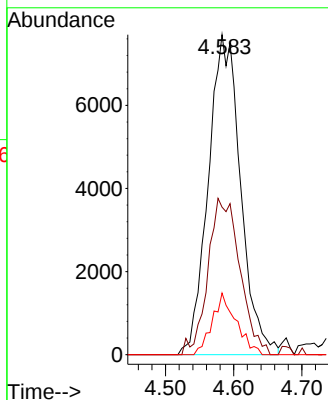
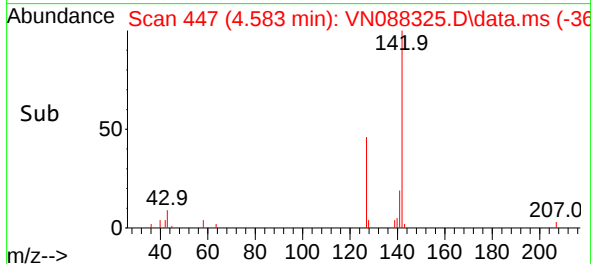


#11  
Methyl Iodide  
Concen: 12.555 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :

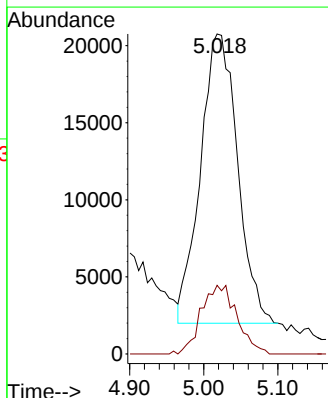
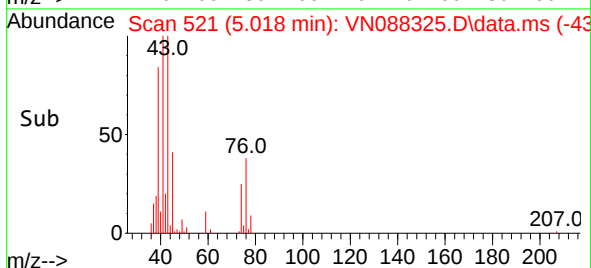
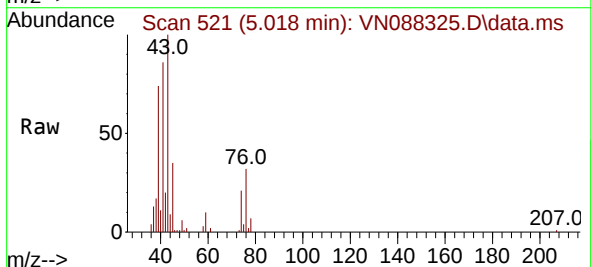


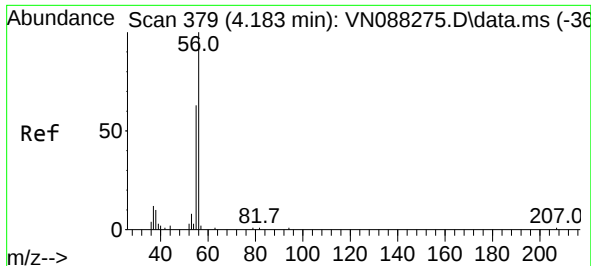
Tgt Ion:142 Resp: 25359  
Ion Ratio Lower Upper  
142 100  
127 46.6 20.4 61.2  
141 19.5 5.6 16.8#



#12  
Methyl Acetate  
Concen: 21.300 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

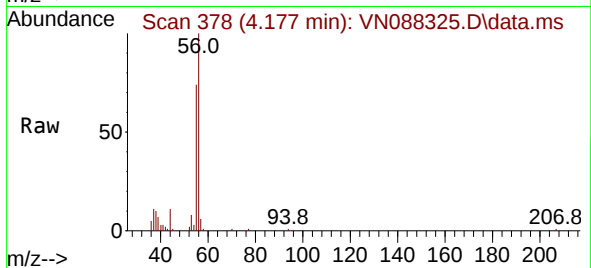
Tgt Ion: 43 Resp: 65220  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.8 29.8



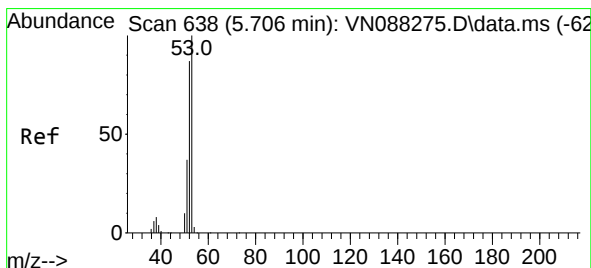
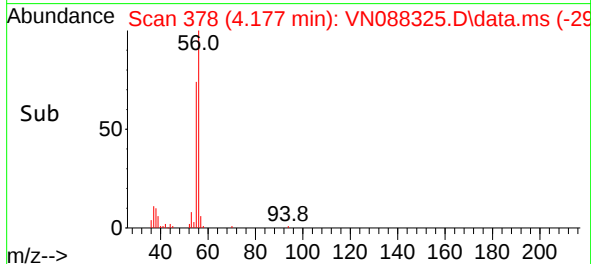
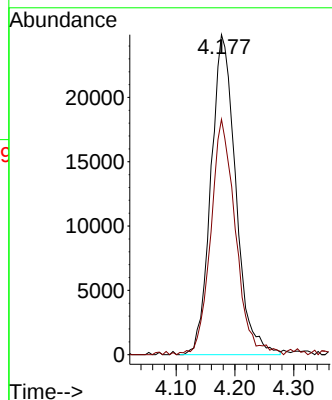


#13  
Acrolein  
Concen: 161.912 ug/l  
RT: 4.177 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :

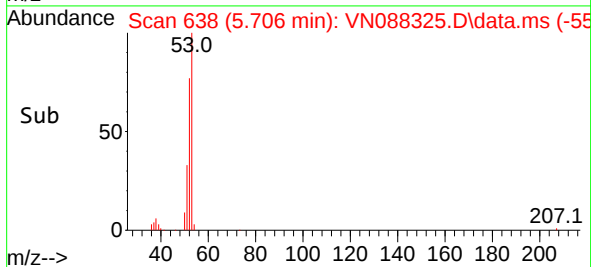
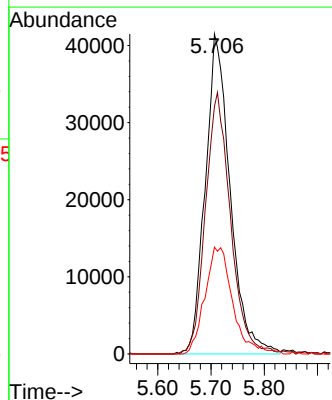
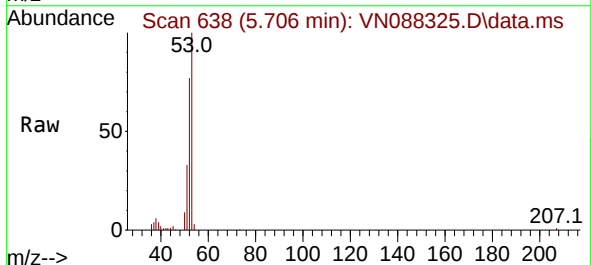


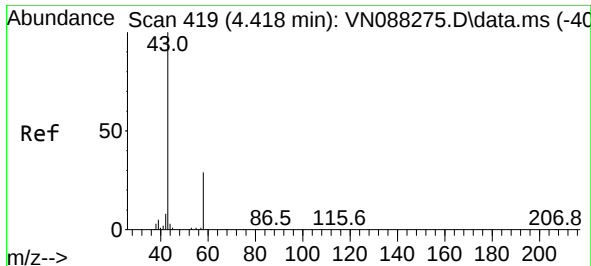
Tgt Ion: 56 Resp: 72941  
Ion Ratio Lower Upper  
56 100  
55 71.5 57.9 86.9



#14  
Acrylonitrile  
Concen: 96.801 ug/l  
RT: 5.706 min Scan# 638  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 53 Resp: 134681  
Ion Ratio Lower Upper  
53 100  
52 81.3 42.3 126.9  
51 18.4 18.4 55.2#

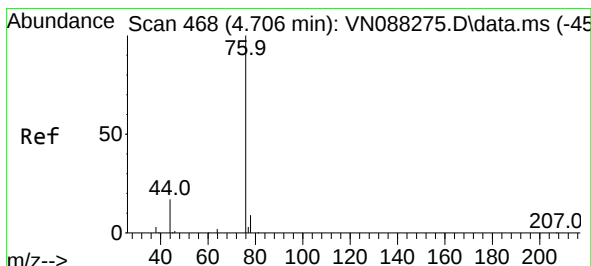
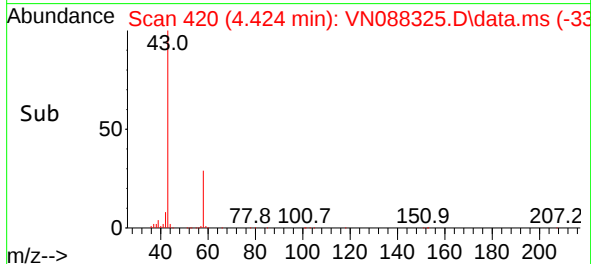
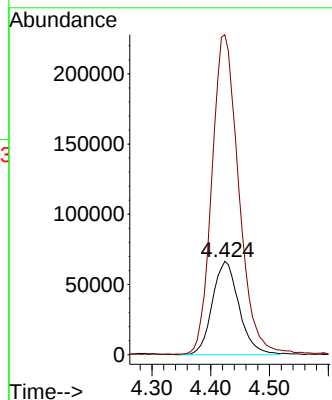
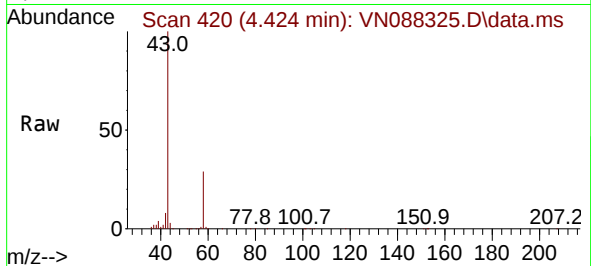




#15  
Acetone  
Concen: 514.117 ug/l  
RT: 4.424 min Scan# 419  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

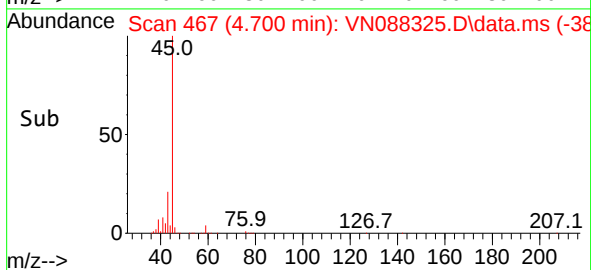
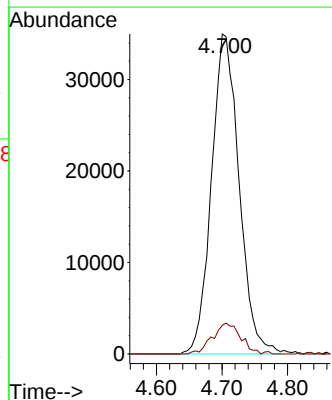
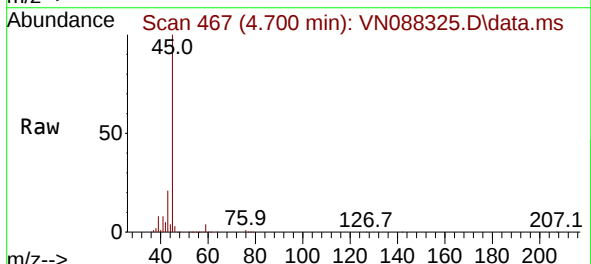
Instrument :  
MSVOA\_N  
ClientSampleId :

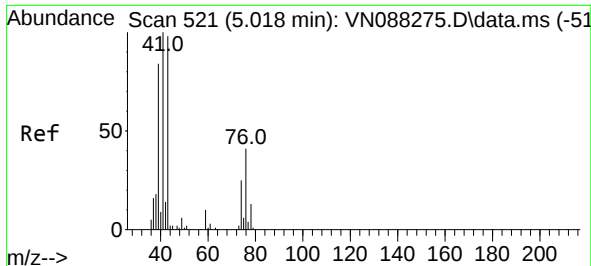
Tgt Ion: 58 Resp: 209179  
Ion Ratio Lower Upper  
58 100  
43 342.7 273.9 410.9



#16  
Carbon Disulfide  
Concen: 15.968 ug/l  
RT: 4.700 min Scan# 467  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

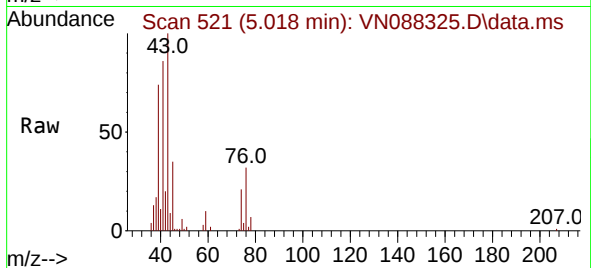
Tgt Ion: 76 Resp: 102213  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.5 11.3



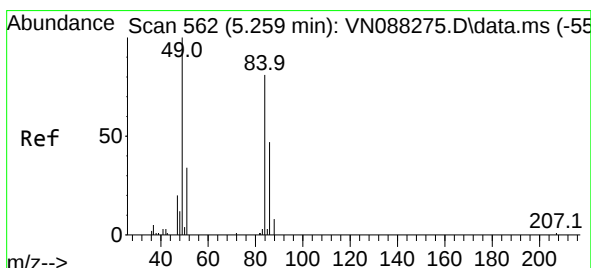
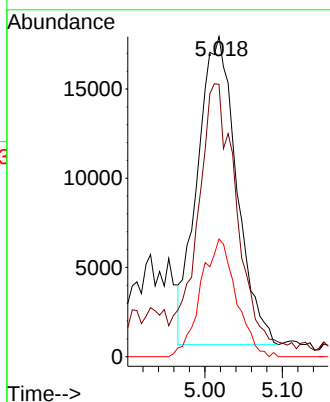
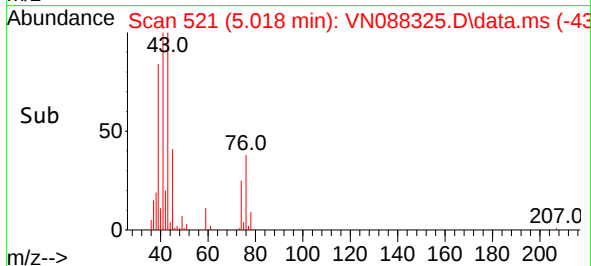


#17  
 Allyl chloride  
 Concen: 16.451 ug/l  
 RT: 5.018 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

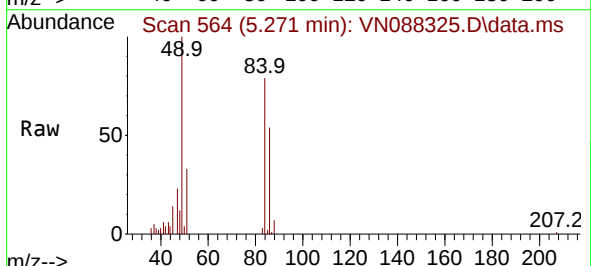
Instrument :  
 MSVOA\_N  
 ClientSampleId :



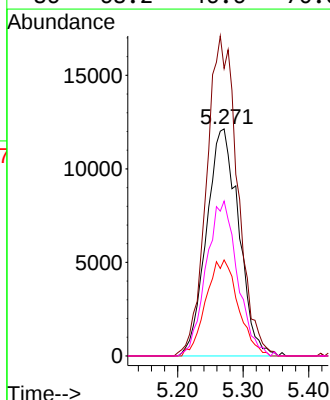
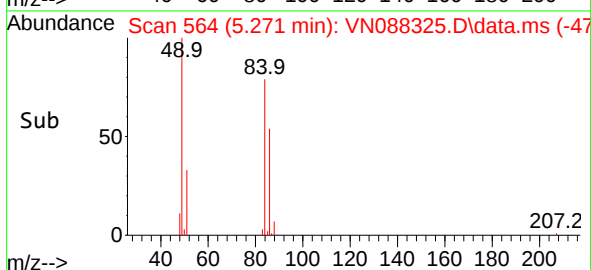
|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 60674     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 39          | 83.6 38.3 114.9 |
| 76          | 38.2 18.5 55.5  |

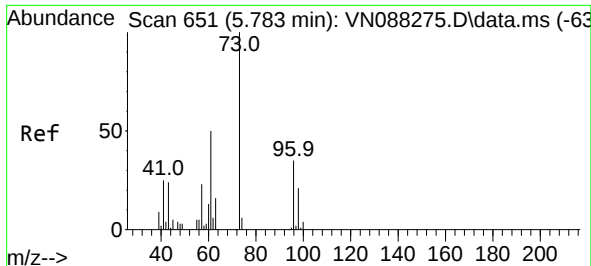


#18  
 Methylene Chloride  
 Concen: 17.558 ug/l  
 RT: 5.271 min Scan# 564  
 Delta R.T. 0.012 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44



|             |                  |
|-------------|------------------|
| Tgt Ion: 84 | Resp: 41420      |
| Ion Ratio   | Lower Upper      |
| 84          | 100              |
| 49          | 126.6 98.7 148.1 |
| 51          | 42.3 33.7 50.5   |
| 86          | 68.2 46.6 70.0   |

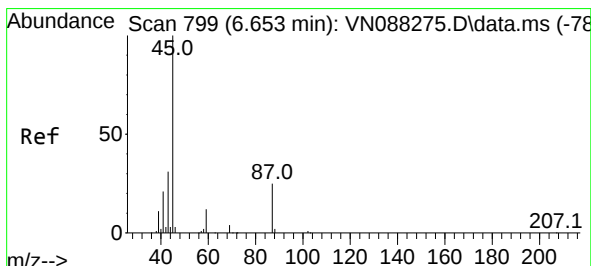
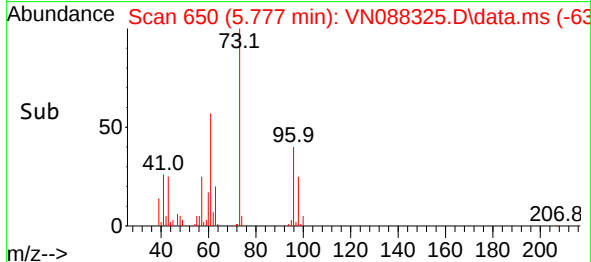
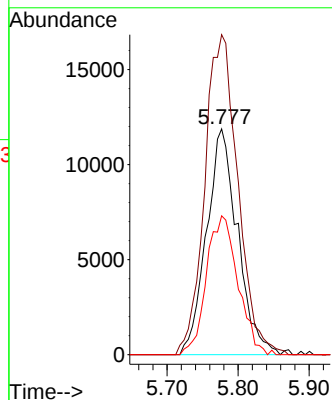
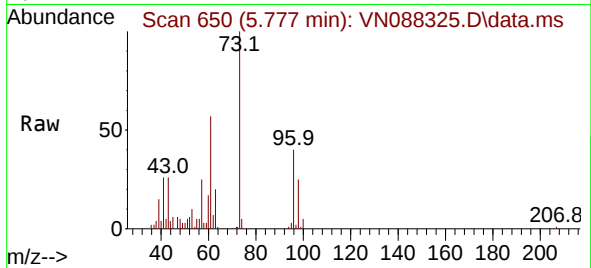




#19  
trans-1,2-Dichloroethene  
Concen: 16.350 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

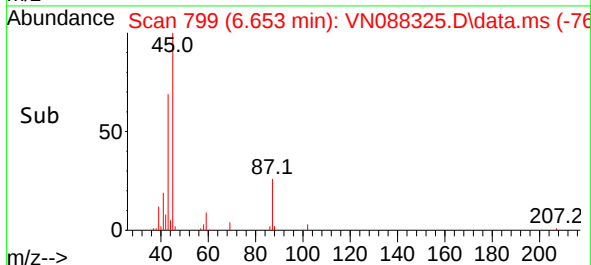
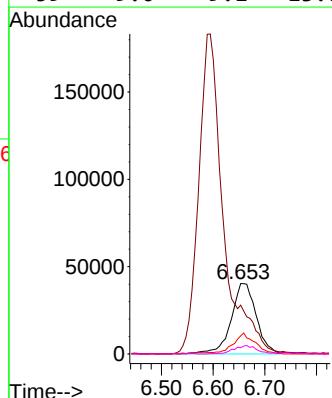
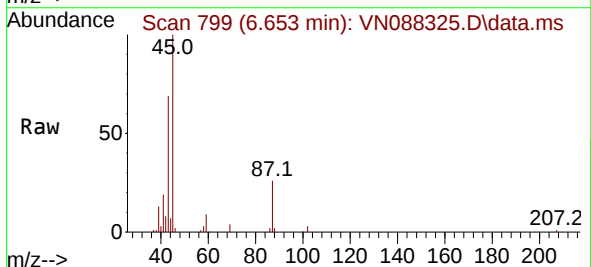
Instrument :  
MSVOA\_N  
ClientSampleId :

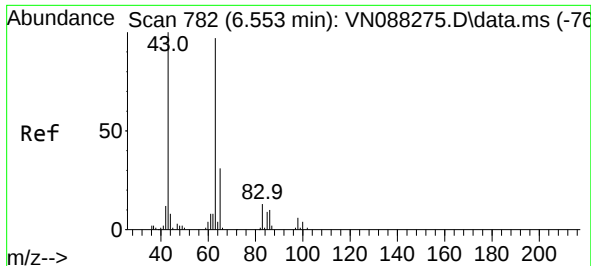
Tgt Ion: 96 Resp: 36135  
Ion Ratio Lower Upper  
96 100  
61 139.6 117.0 175.4  
98 61.5 48.6 72.8



#20  
Diisopropyl ether  
Concen: 17.246 ug/l  
RT: 6.653 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 45 Resp: 135923  
Ion Ratio Lower Upper  
45 100  
43 66.2 51.9 77.9  
87 25.1 21.1 31.7  
59 9.0 9.1 13.7#





#21

1,1-Dichloroethane

Concen: 16.491 ug/l

RT: 6.553 min Scan# 71

Delta R.T. -0.000 min MSVOA\_N

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

ClientSampleId :

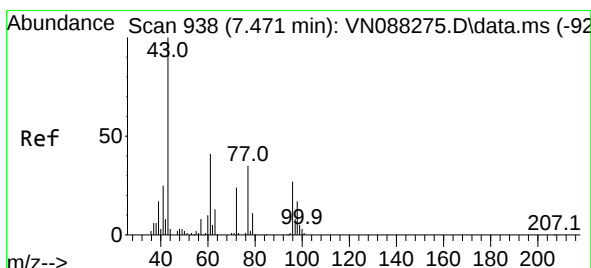
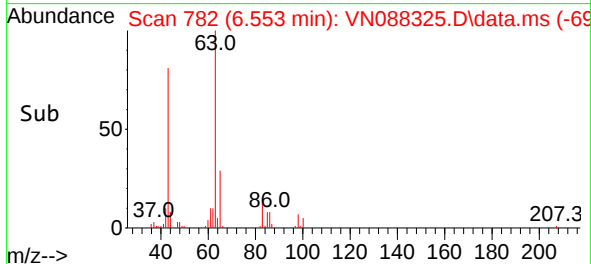
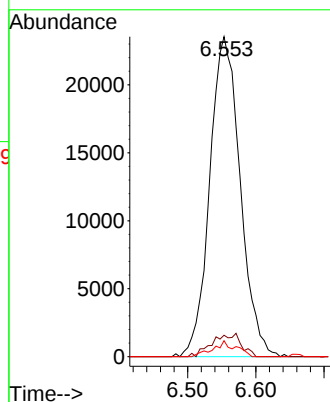
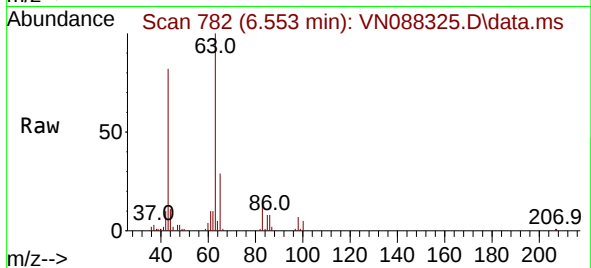
Tgt Ion: 63 Resp: 73223

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.0

100 5.0 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 16.536 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

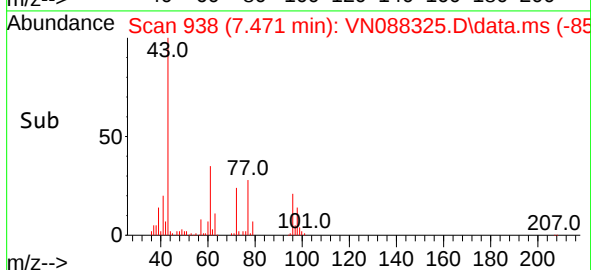
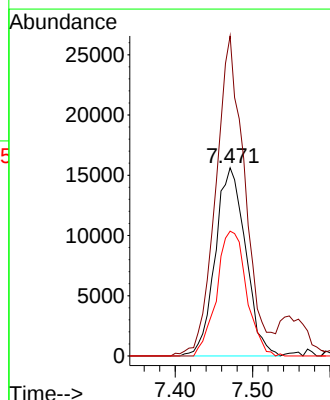
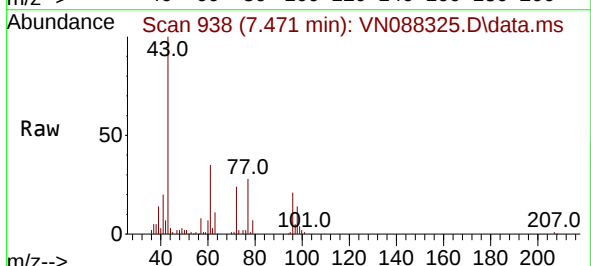
Tgt Ion: 96 Resp: 42477

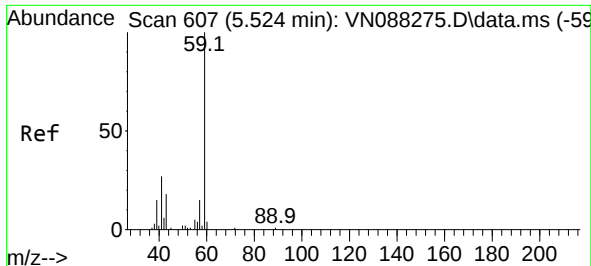
Ion Ratio Lower Upper

96 100

61 163.8 131.2 196.8

98 65.2 51.0 76.4

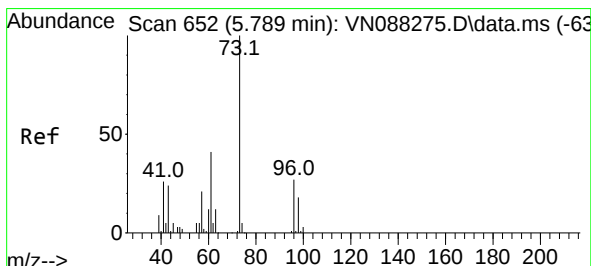
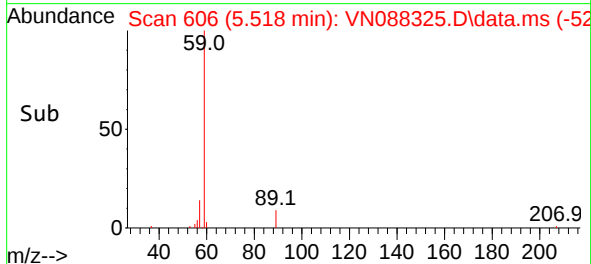
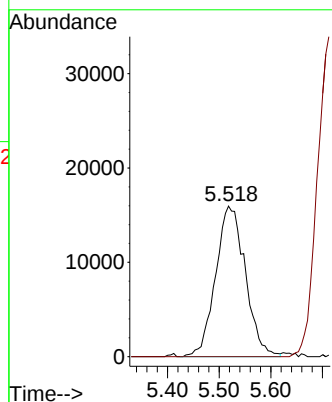
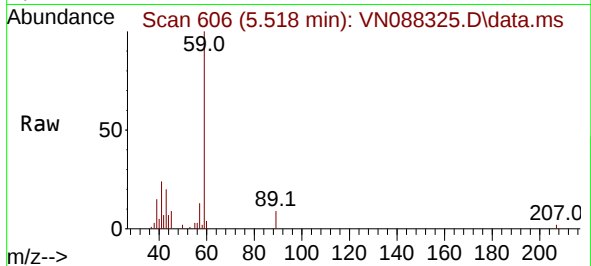




#23  
tert-Butyl Alcohol  
Concen: 124.664 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

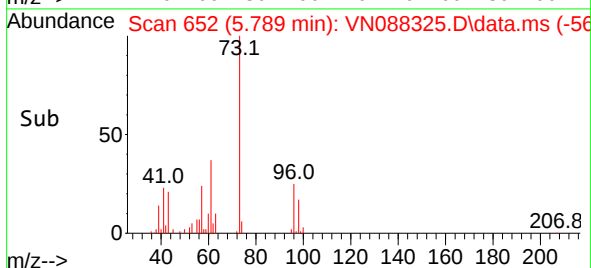
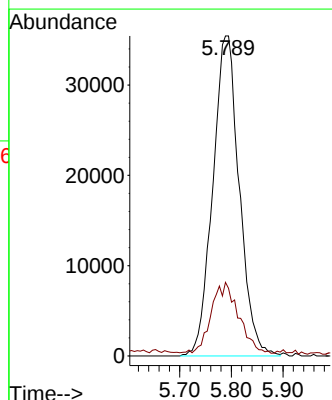
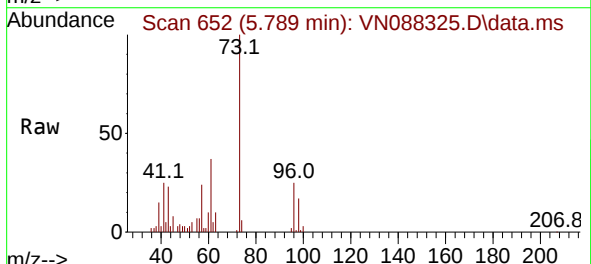
Instrument :  
MSVOA\_N  
ClientSampleId :

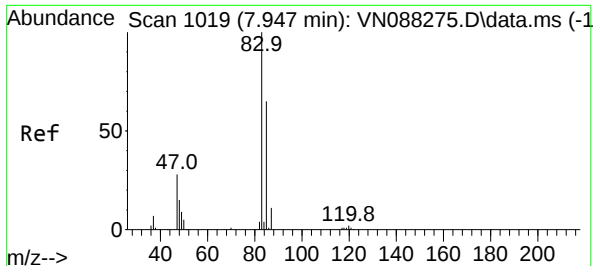
Tgt Ion: 59 Resp: 63778  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 16.500 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 73 Resp: 126262  
Ion Ratio Lower Upper  
73 100  
43 10.1 18.5 27.7#





#25

Chloroform

Concen: 39.437 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

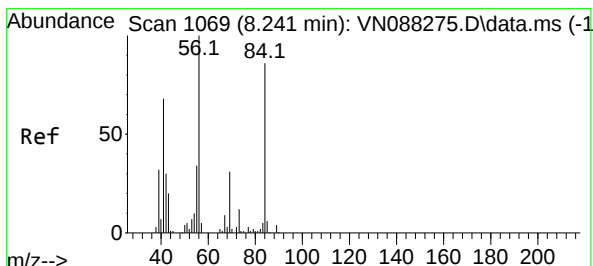
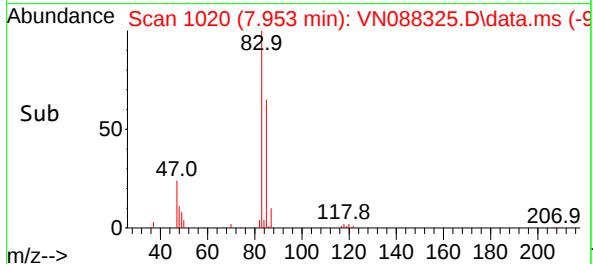
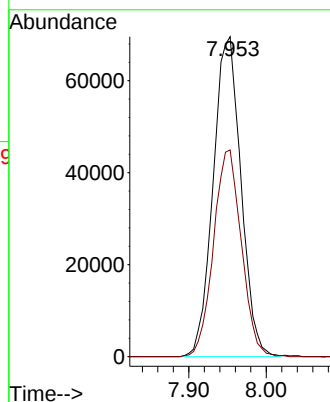
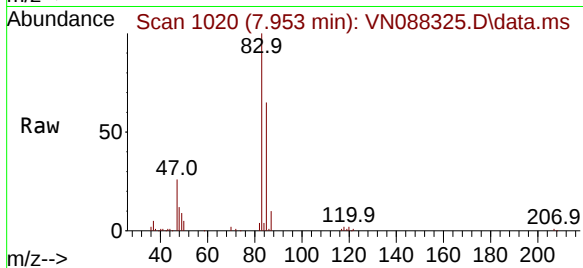
ClientSampleId :

Tgt Ion: 83 Resp: 173511

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4



#26

Cyclohexane

Concen: 13.727 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

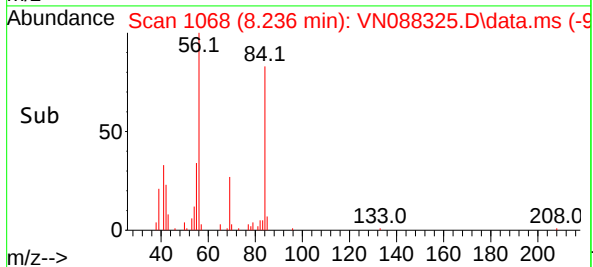
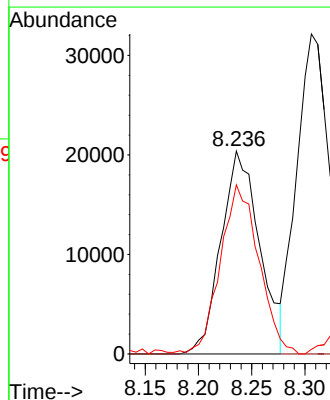
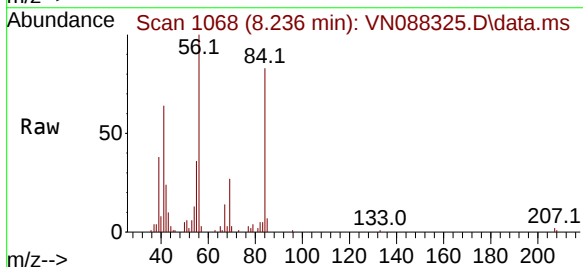
Tgt Ion: 56 Resp: 51482

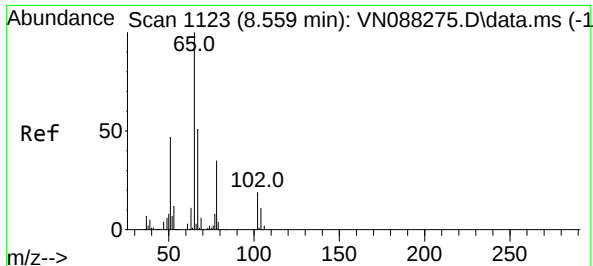
Ion Ratio Lower Upper

56 100

89 0.0 7.3 10.9#

84 82.5 67.8 101.8

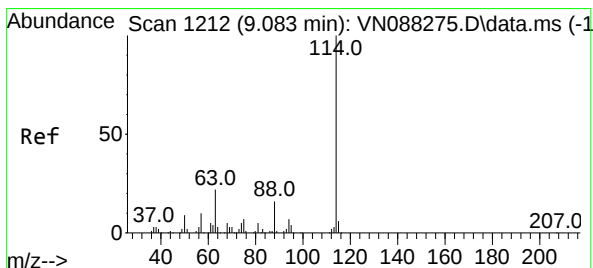
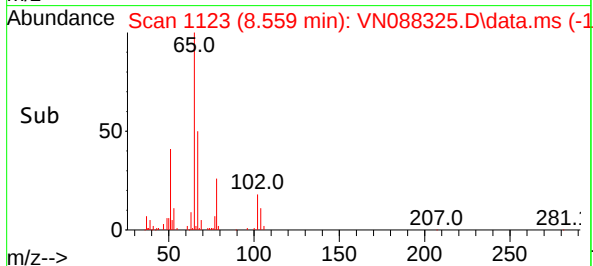
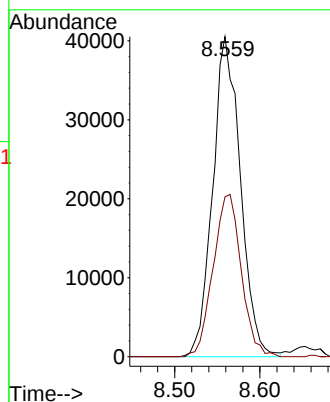
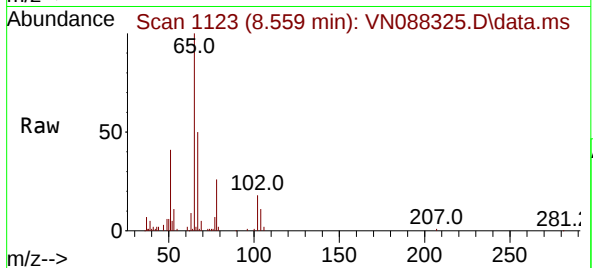




#27  
1,2-Dichloroethane-d4  
Concen: 29.036 ug/l  
RT: 8.559 min Scan# 1123  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

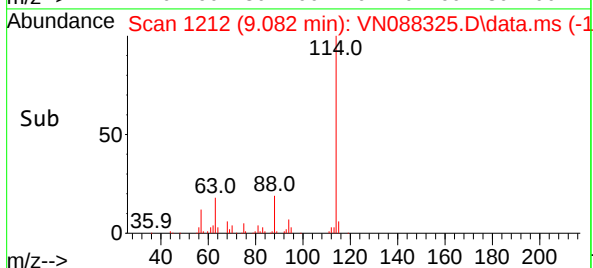
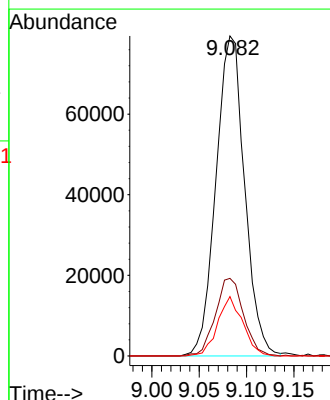
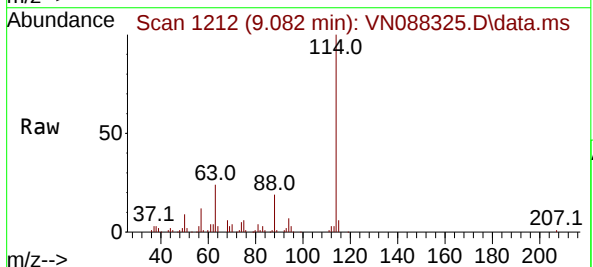
Instrument :  
MSVOA\_N  
ClientSampleId :

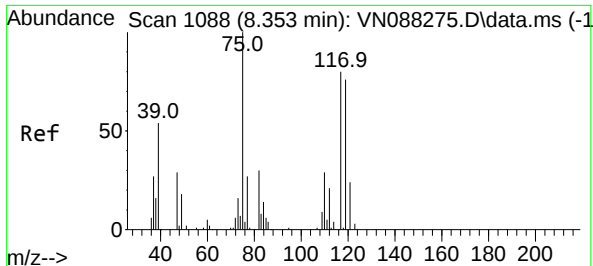
Tgt Ion: 65 Resp: 91543  
Ion Ratio Lower Upper  
65 100  
67 51.1 40.2 60.2



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 9.082 min Scan# 1212  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 114 Resp: 167024  
Ion Ratio Lower Upper  
114 100  
63 23.9 18.9 28.3  
88 16.3 12.8 19.2

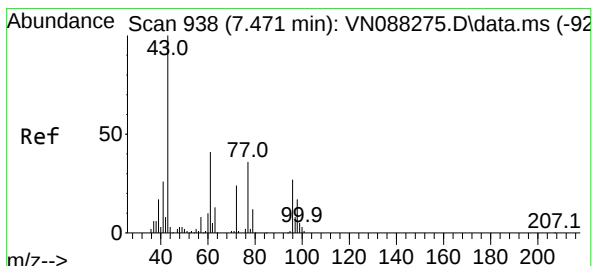
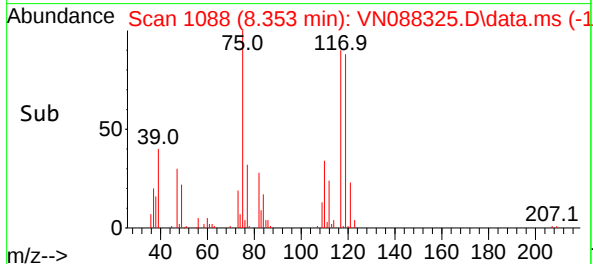
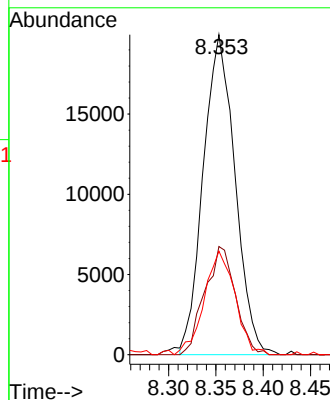
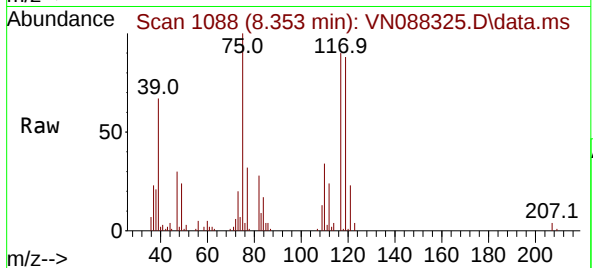




#29  
1,1-Dichloropropene  
Concen: 16.721 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

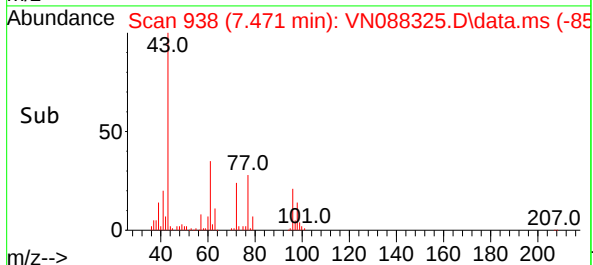
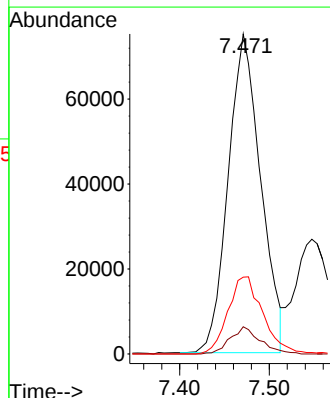
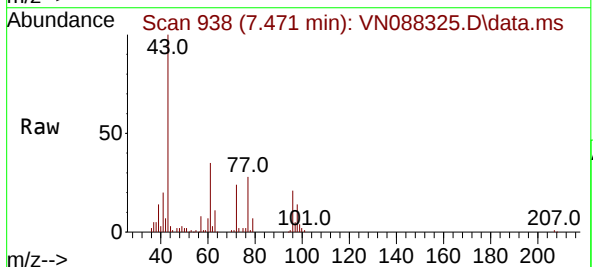
Instrument :  
MSVOA\_N  
ClientSampleId :

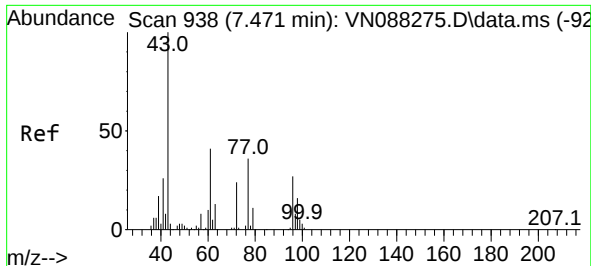
Tgt Ion: 75 Resp: 46600  
Ion Ratio Lower Upper  
75 100  
110 32.6 0.0 65.6  
77 30.9 0.0 60.8



#30  
2-Butanone  
Concen: 104.662 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 43 Resp: 188677  
Ion Ratio Lower Upper  
43 100  
57 7.9 6.2 9.4  
72 26.0 19.4 29.2

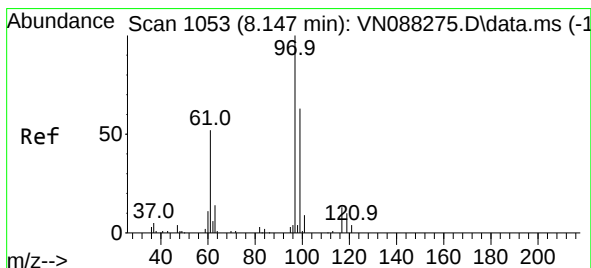
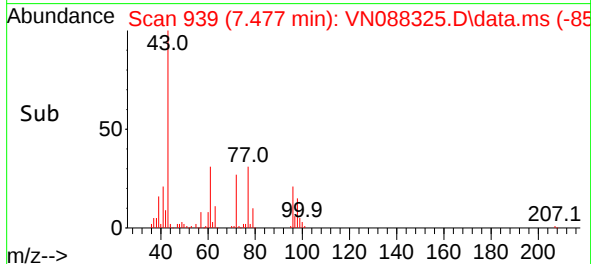
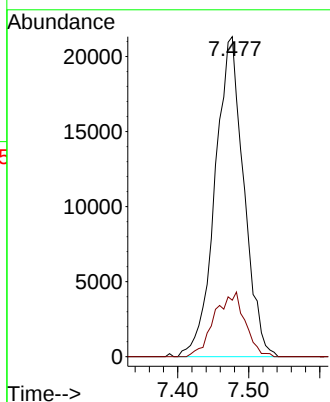
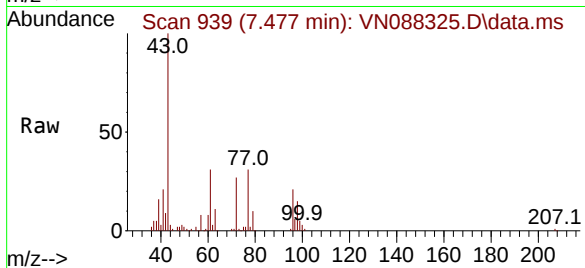




#31  
2,2-Dichloropropane  
Concen: 17.416 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

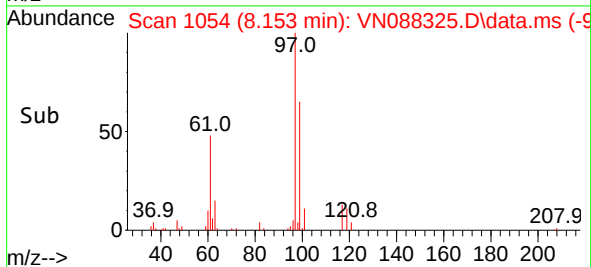
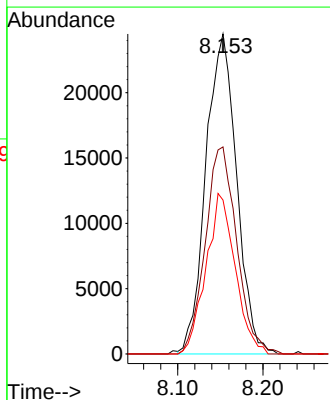
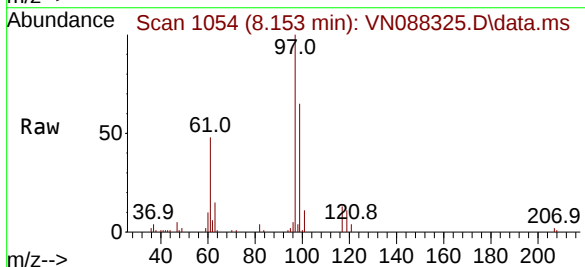
Instrument :  
MSVOA\_N  
ClientSampleId :

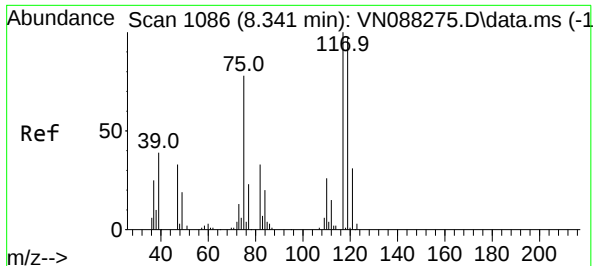
Tgt Ion: 77 Resp: 59864  
Ion Ratio Lower Upper  
77 100  
97 11.6 16.8 25.2#



#32  
1,1,1-Trichloroethane  
Concen: 17.933 ug/l  
RT: 8.153 min Scan# 1054  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

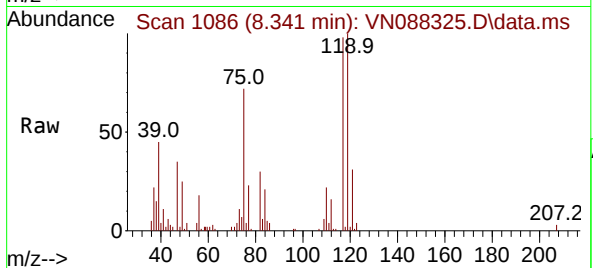
Tgt Ion: 97 Resp: 61609  
Ion Ratio Lower Upper  
97 100  
99 66.0 50.2 75.4  
61 47.5 39.8 59.8



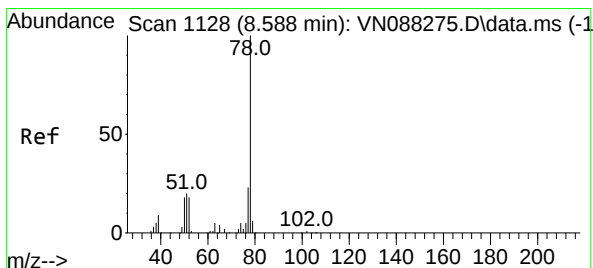
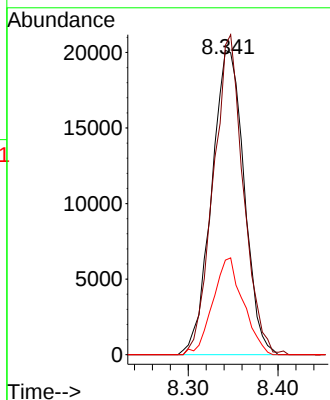
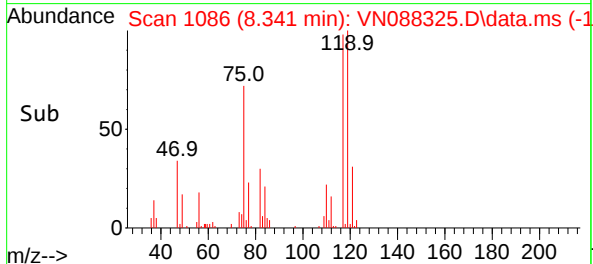


#33  
Carbon Tetrachloride  
Concen: 17.252 ug/l  
RT: 8.341 min Scan# 1086  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :

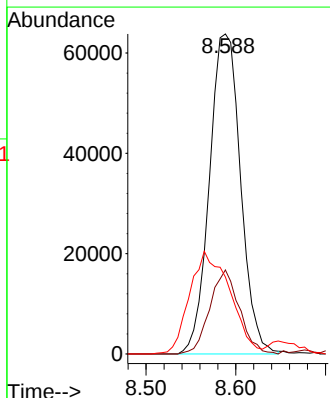
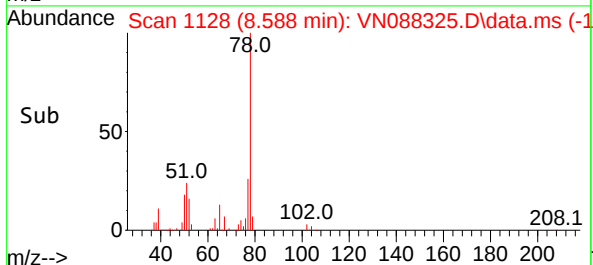
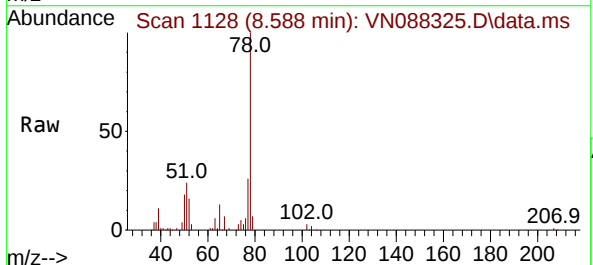


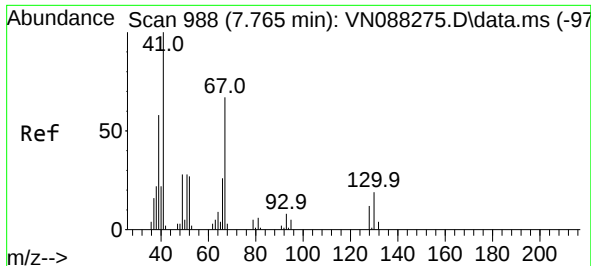
Tgt Ion:117 Resp: 50613  
Ion Ratio Lower Upper  
117 100  
119 101.7 77.8 116.8  
121 31.1 24.5 36.7



#34  
Benzene  
Concen: 18.496 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

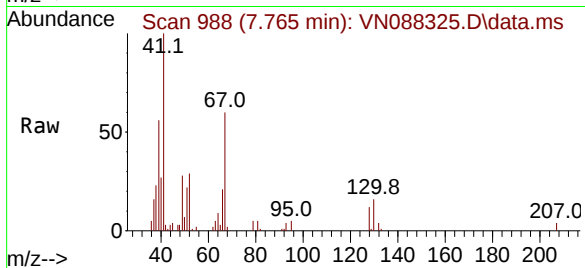
Tgt Ion: 78 Resp: 154076  
Ion Ratio Lower Upper  
78 100  
77 26.3 18.6 27.8  
51 20.0 15.8 23.8



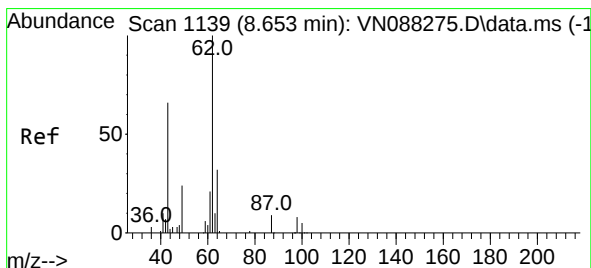
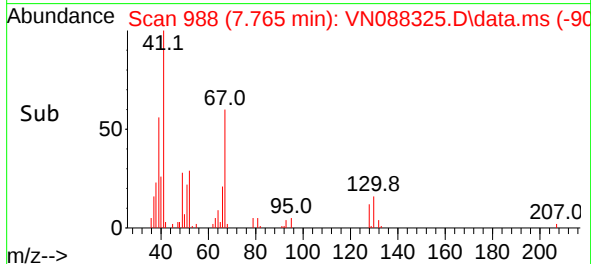
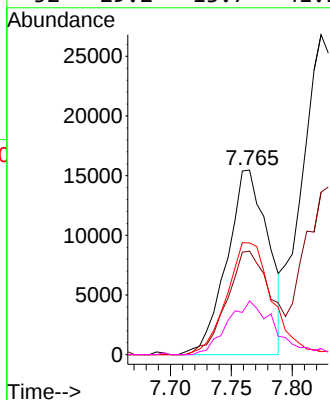


#35  
Methacrylonitrile  
Concen: 19.386 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :

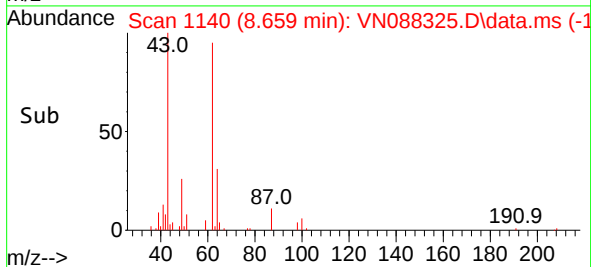
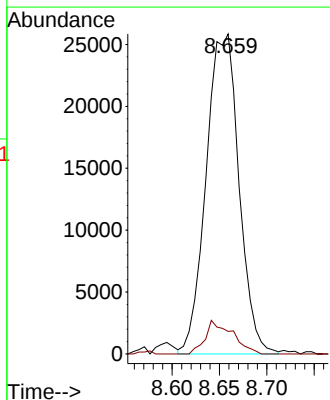
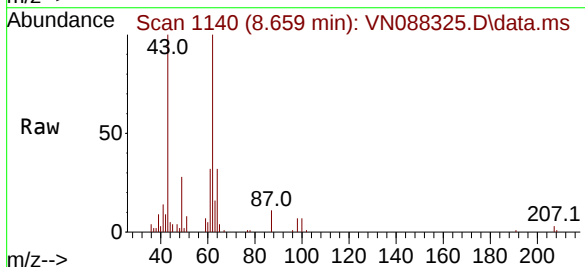


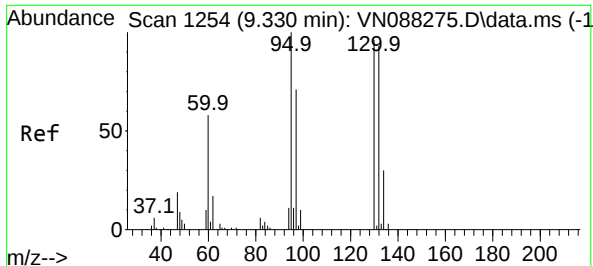
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 36453 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.0     | 29.0 87.0   |
| 67 60.5     | 33.3 99.9   |
| 52 29.2     | 13.7 41.1   |



#36  
1,2-Dichloroethane  
Concen: 19.270 ug/l  
RT: 8.659 min Scan# 1140  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 62472 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.6      | 6.8 10.2    |

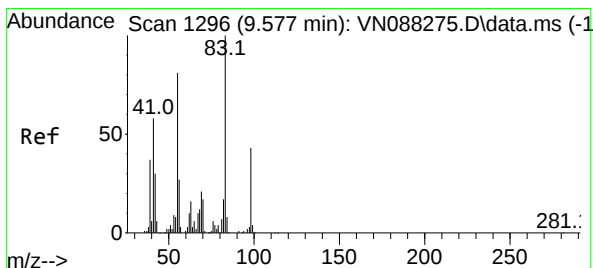
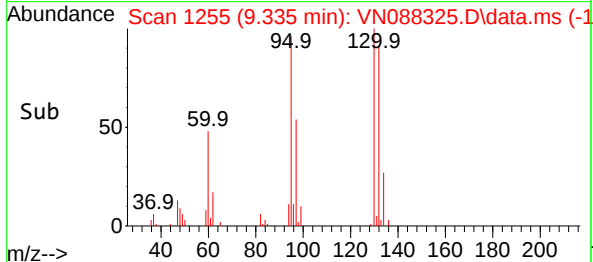
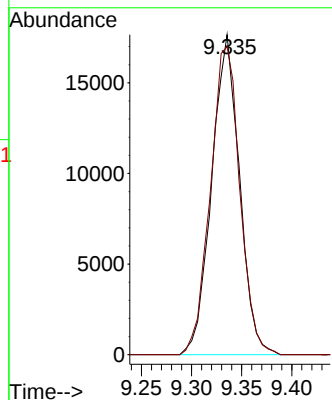
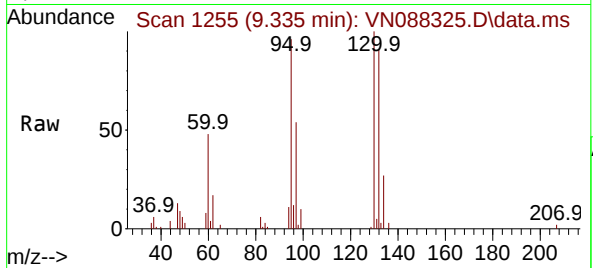




#37  
Trichloroethene  
Concen: 18.028 ug/l  
RT: 9.335 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

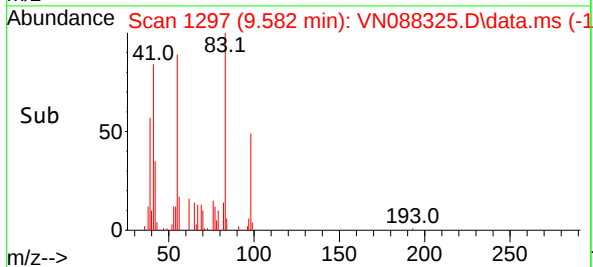
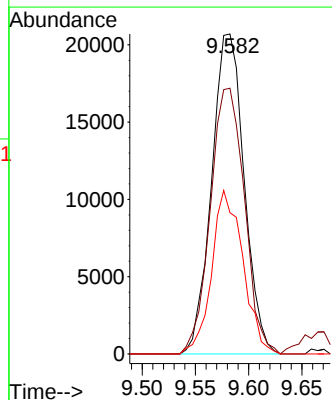
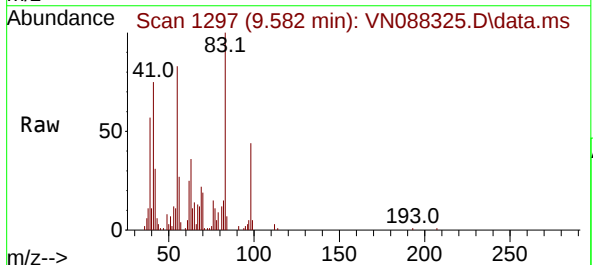
Instrument :  
MSVOA\_N  
ClientSampleId :

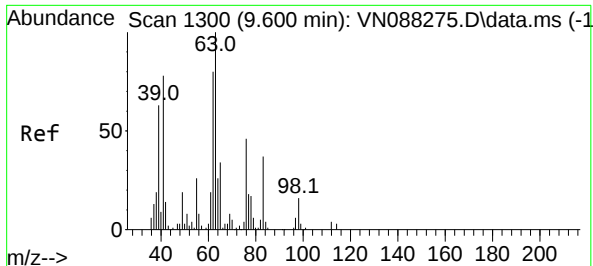
Tgt Ion:130 Resp: 34032  
Ion Ratio Lower Upper  
130 100  
95 96.2 83.7 125.5



#38  
Methylcyclohexane  
Concen: 13.775 ug/l  
RT: 9.582 min Scan# 1297  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 83 Resp: 44012  
Ion Ratio Lower Upper  
83 100  
55 87.0 40.8 122.5  
98 49.0 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

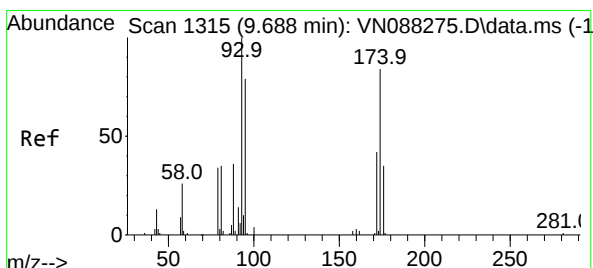
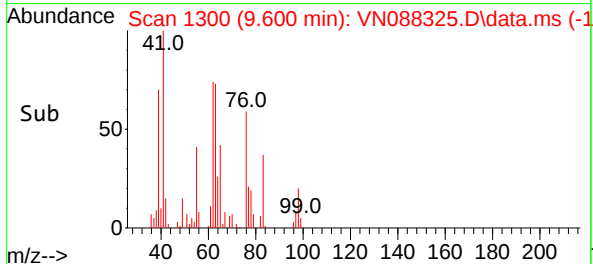
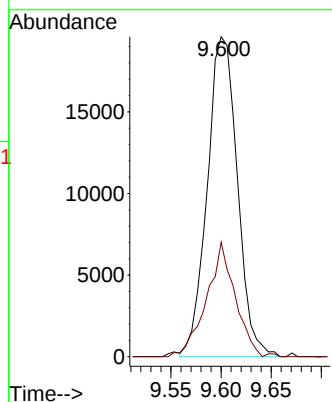
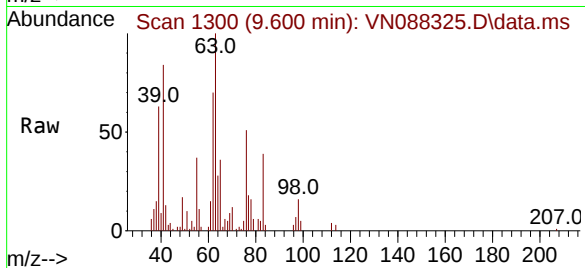
ClientSampleId :

Tgt Ion: 63 Resp: 41038

Ion Ratio Lower Upper

63 100

65 35.8 27.8 41.6



#40

Dibromomethane

Concen: 19.554 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

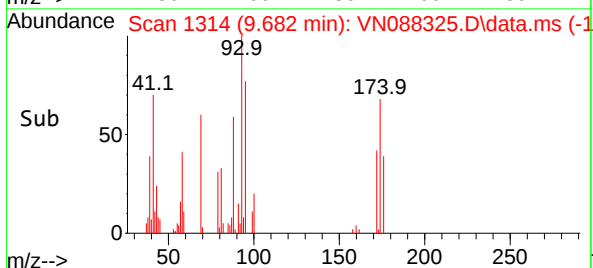
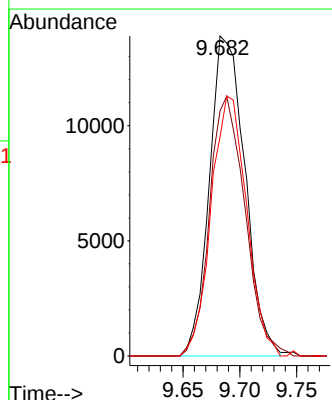
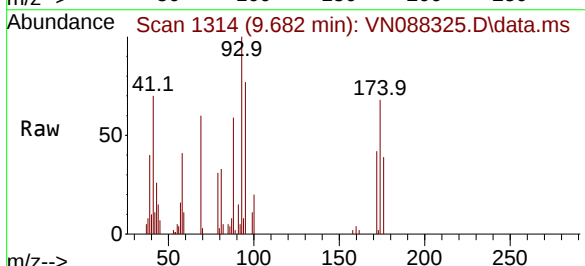
Tgt Ion: 93 Resp: 30194

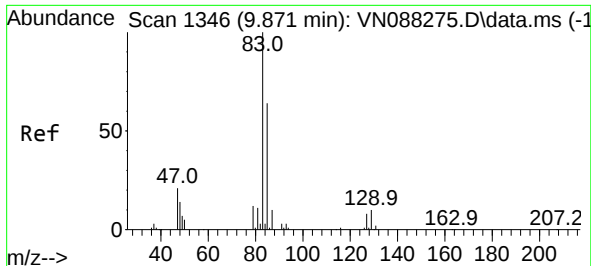
Ion Ratio Lower Upper

93 100

95 81.1 0.0 161.6

174 81.1 0.0 158.2

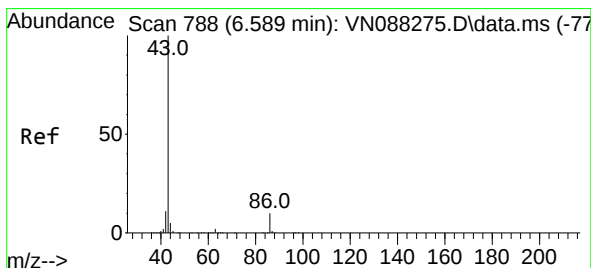
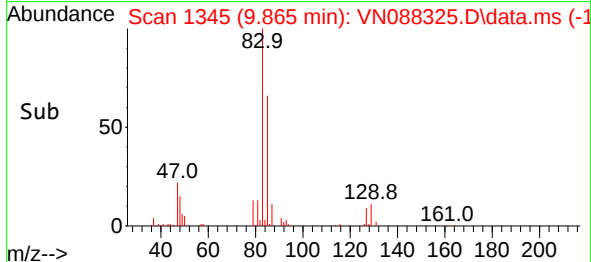
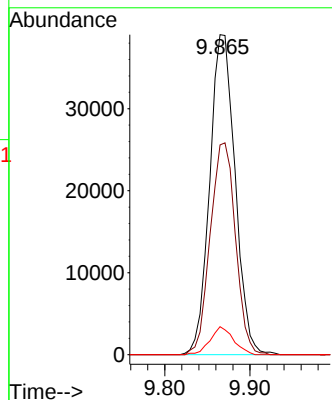
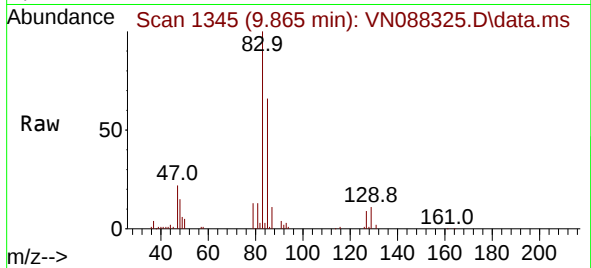




#41  
Bromodichloromethane  
Concen: 26.014 ug/l  
RT: 9.865 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

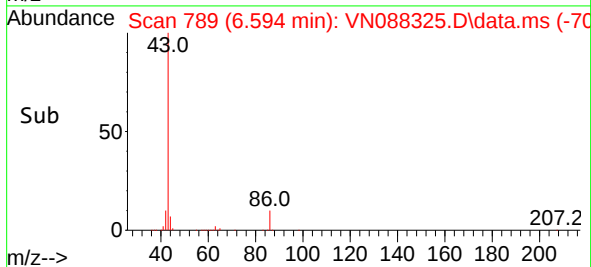
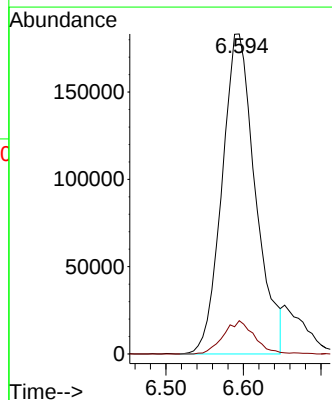
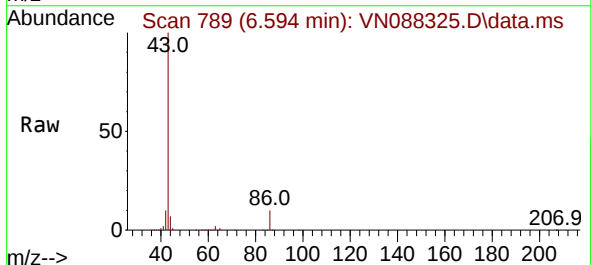
Instrument :  
MSVOA\_N  
ClientSampleId :

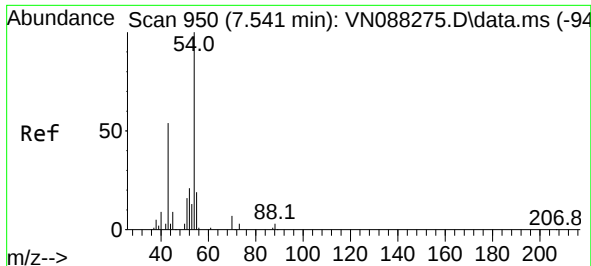
Tgt Ion: 83 Resp: 80864  
Ion Ratio Lower Upper  
83 100  
85 65.5 51.4 77.2  
127 8.7 6.4 9.6



#42  
Vinyl Acetate  
Concen: 91.434 ug/l  
RT: 6.594 min Scan# 789  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

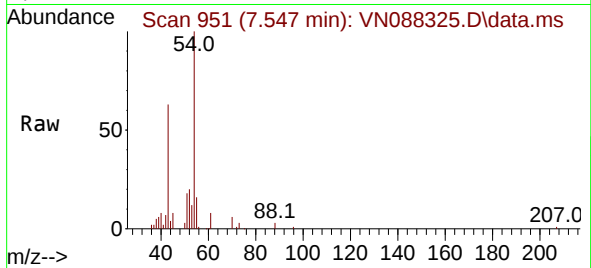
Tgt Ion: 43 Resp: 550138  
Ion Ratio Lower Upper  
43 100  
86 9.6 7.4 11.2



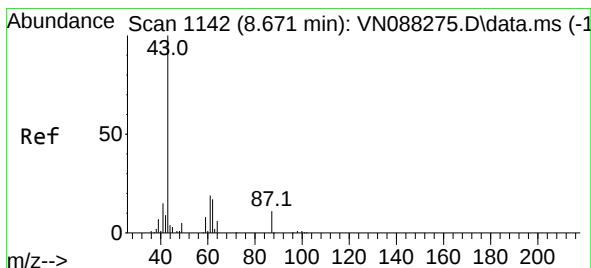
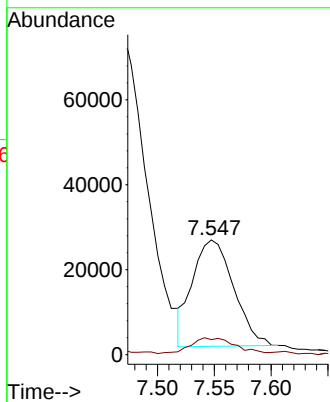
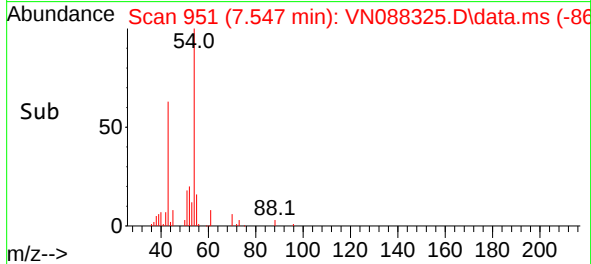


#43  
Ethyl Acetate  
Concen: 17.405 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Instrument :  
MSVOA\_N  
ClientSampleId :

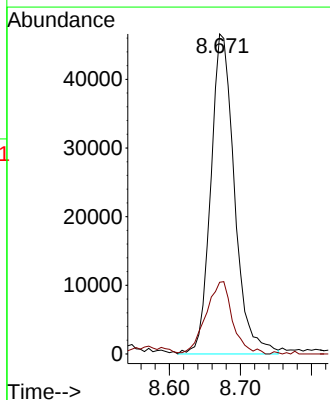
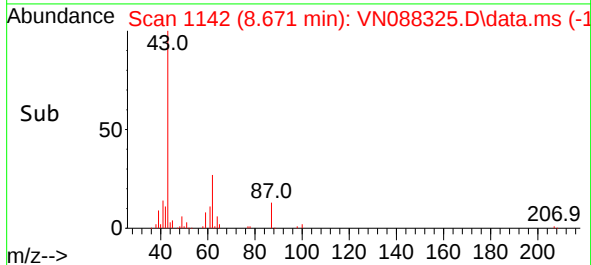
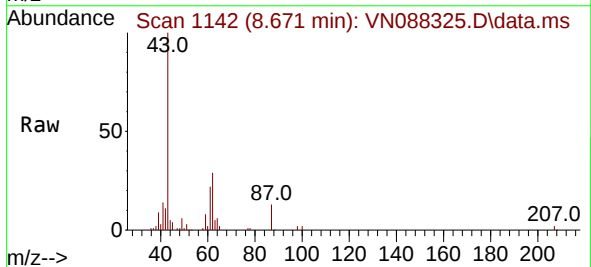


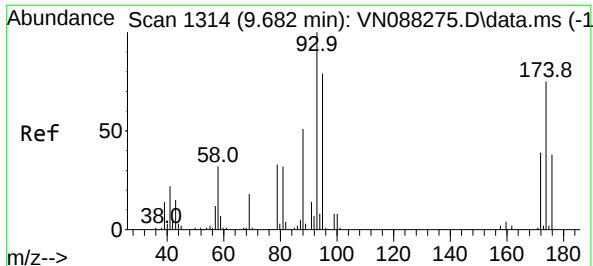
Tgt Ion: 43 Resp: 63132  
Ion Ratio Lower Upper  
43 100  
45 6.7 9.9 14.9#



#44  
Isopropyl Acetate  
Concen: 19.306 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

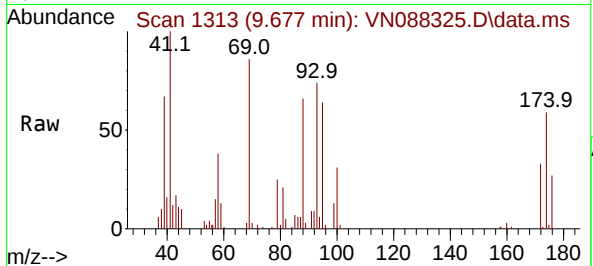
Tgt Ion: 43 Resp: 107919  
Ion Ratio Lower Upper  
43 100  
61 25.0 19.0 28.6



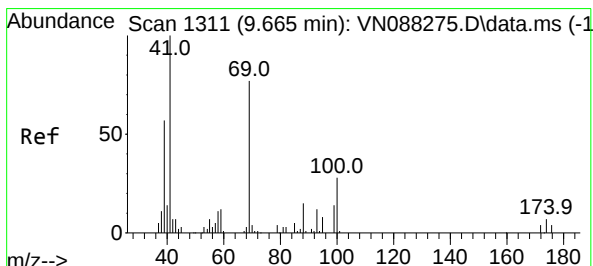
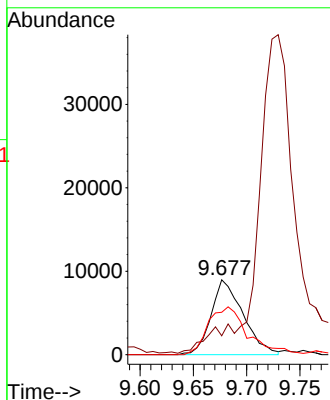
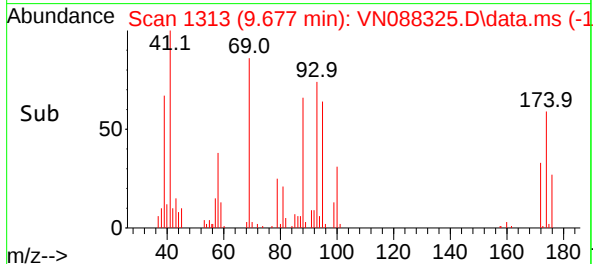


#45  
 1,4-Dioxane  
 Concen: 557.040 ug/l  
 RT: 9.677 min Scan# 1313  
 Delta R.T. -0.006 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :

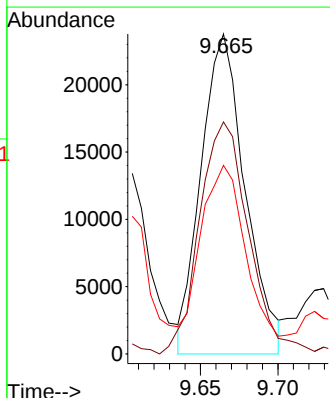
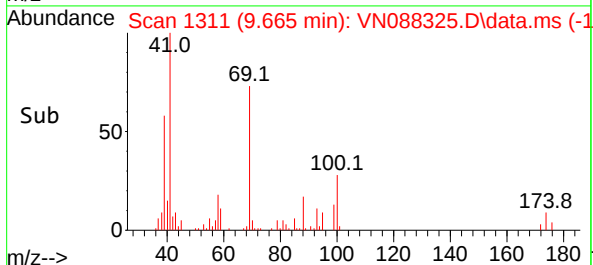
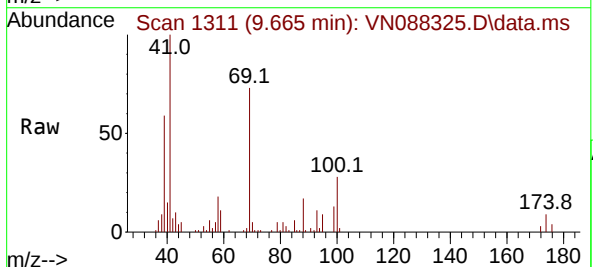


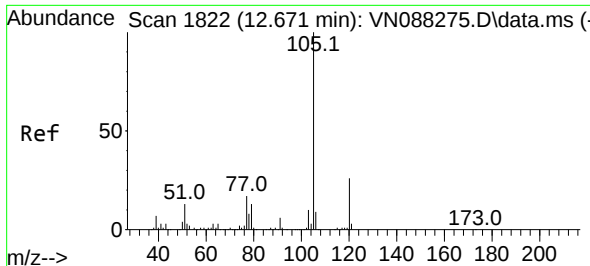
Tgt Ion: 88 Resp: 18751  
 Ion Ratio Lower Upper  
 88 100  
 43 20.4 27.8 41.8#  
 58 64.6 59.5 89.3



#46  
 Methyl methacrylate  
 Concen: 17.943 ug/l  
 RT: 9.665 min Scan# 1311  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

Tgt Ion: 41 Resp: 46935  
 Ion Ratio Lower Upper  
 41 100  
 69 74.5 38.5 115.3  
 39 58.8 29.0 87.1

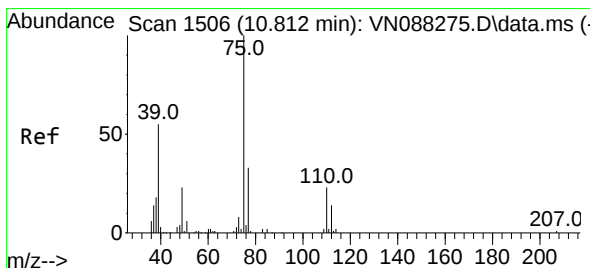
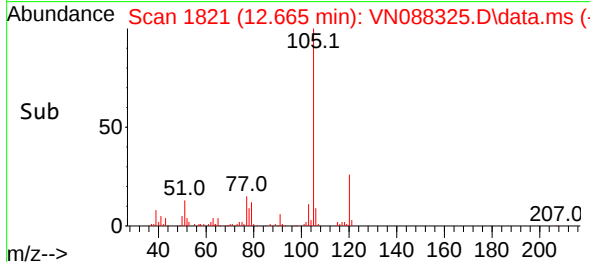
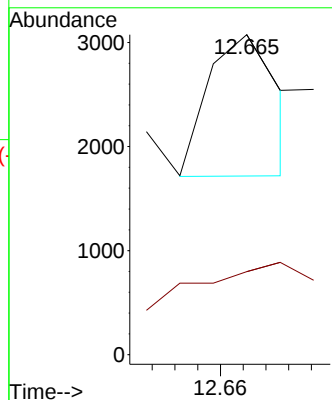
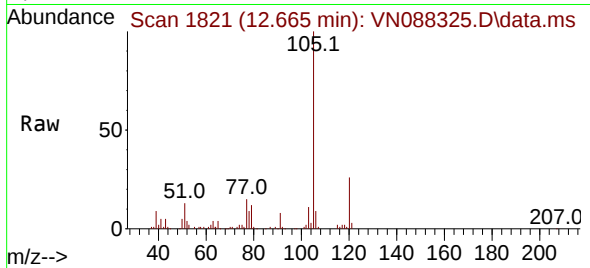




#47  
n-amy1 Acetate  
Concen: 0.406 ug/l  
RT: 12.665 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

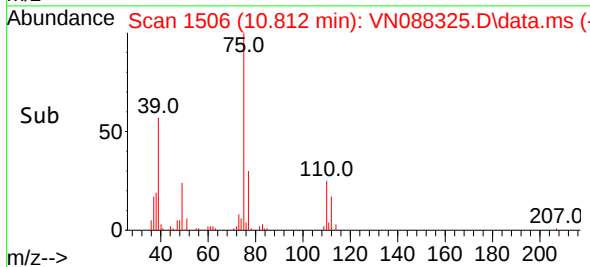
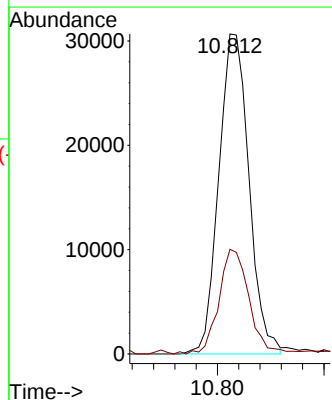
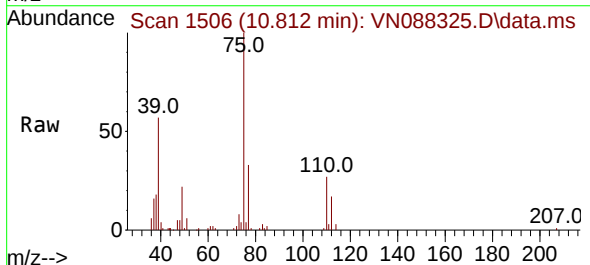
Instrument :  
MSVOA\_N  
ClientSampleId :

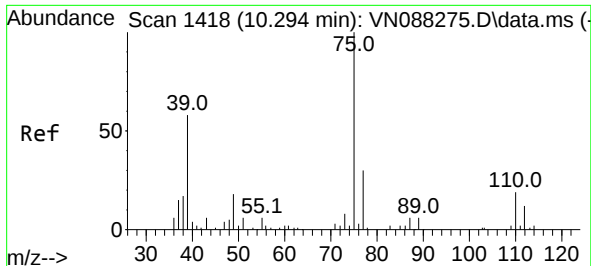
Tgt Ion: 43 Resp: 1150  
Ion Ratio Lower Upper  
43 100  
55 106.9 0.0 0.0#



#48  
t-1,3-Dichloropropene  
Concen: 18.146 ug/l  
RT: 10.812 min Scan# 1506  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

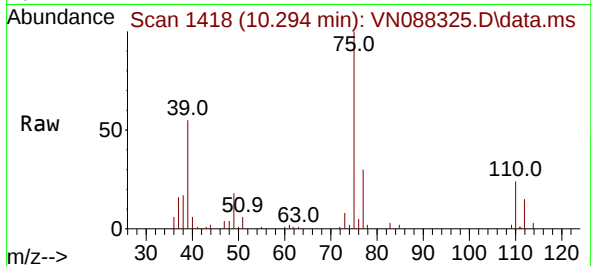
Tgt Ion: 75 Resp: 60331  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.1 39.1



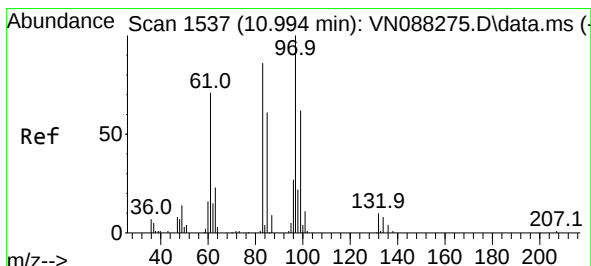
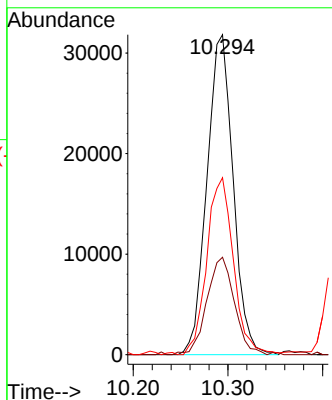
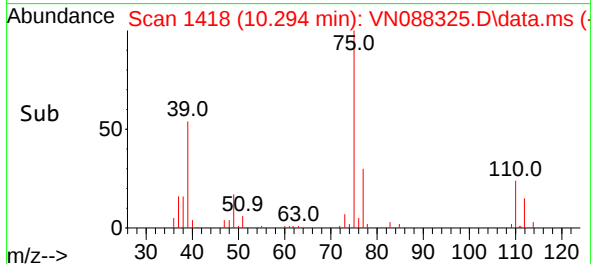


#49  
 cis-1,3-Dichloropropene  
 Concen: 17.709 ug/l  
 RT: 10.294 min Scan# 1418  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

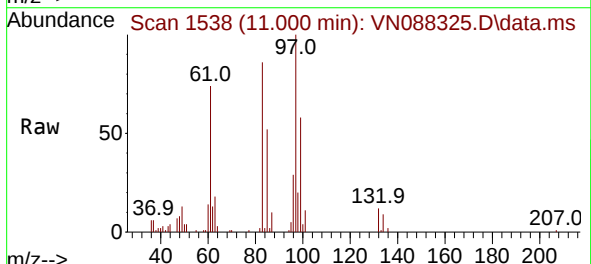
Instrument :  
 MSVOA\_N  
 ClientSampleId :



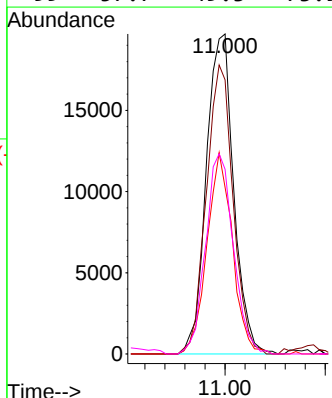
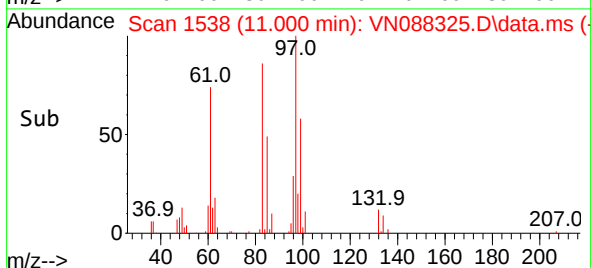
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 61261 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 29.8  | 24.4  | 36.6  |
| 39       | 55.3  | 46.1  | 69.1  |

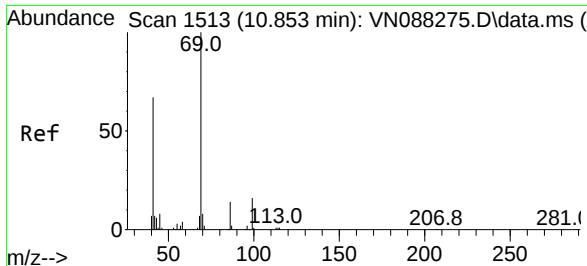


#50  
 1,1,2-Trichloroethane  
 Concen: 19.600 ug/l  
 RT: 11.000 min Scan# 1538  
 Delta R.T. 0.006 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 37423 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.6  | 68.6  | 102.8 |
| 85       | 52.0  | 49.0  | 73.6  |
| 99       | 57.7  | 49.3  | 73.9  |

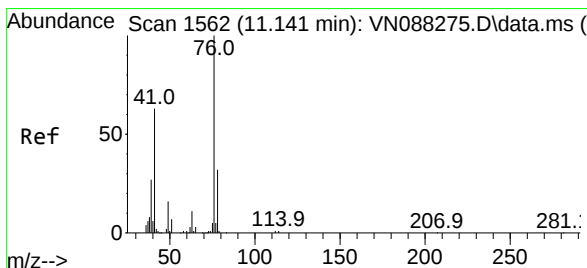
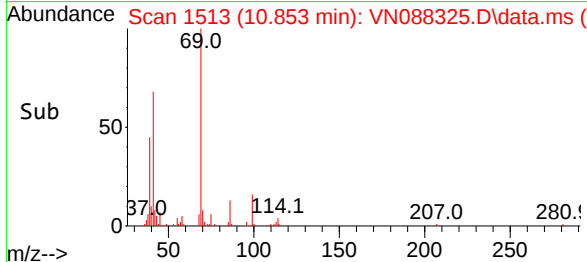
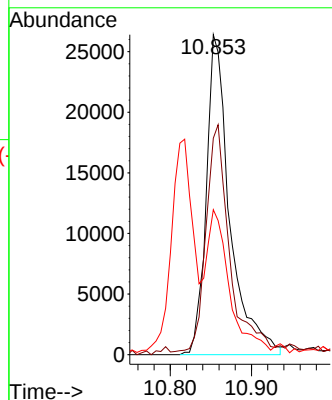
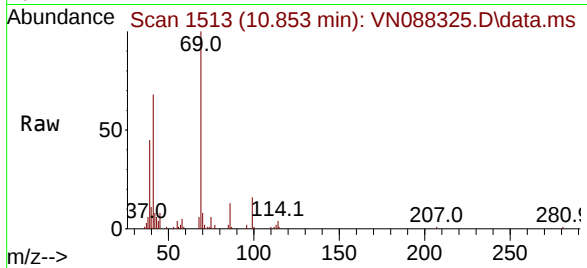




#51  
Ethyl methacrylate  
Concen: 16.933 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

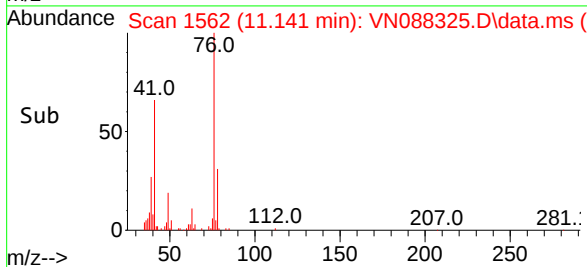
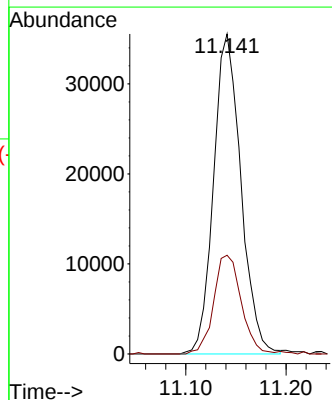
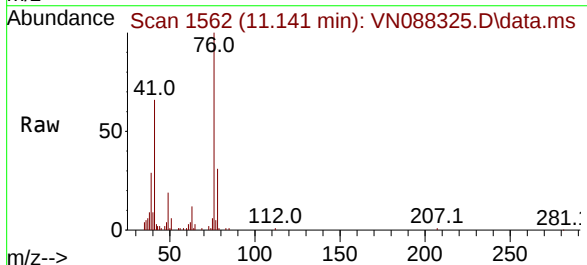
Instrument :  
MSVOA\_N  
ClientSampleId :

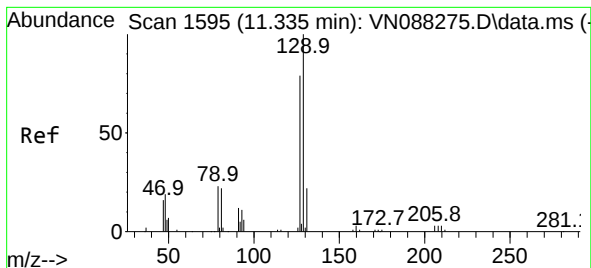
Tgt Ion: 69 Resp: 53194  
Ion Ratio Lower Upper  
69 100  
41 66.4 33.6 100.8  
39 41.9 23.4 70.2



#52  
1,3-Dichloropropane  
Concen: 19.348 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 76 Resp: 67280  
Ion Ratio Lower Upper  
76 100  
78 31.0 0.0 64.2

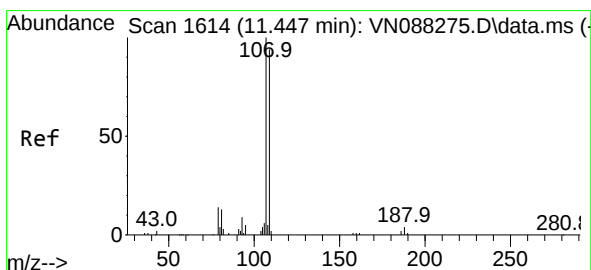
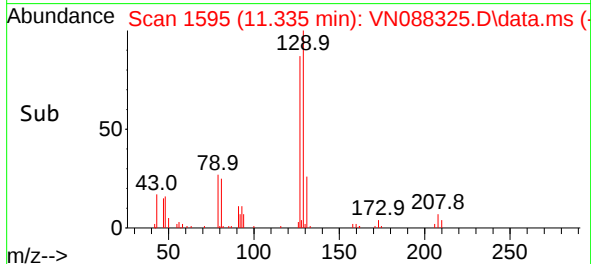
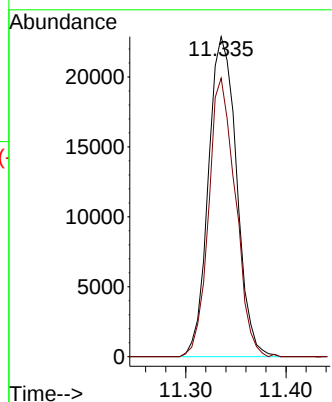
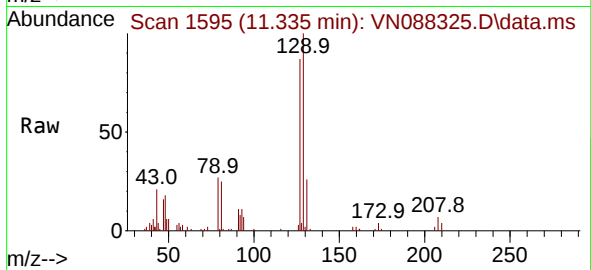




#53  
Dibromochloromethane  
Concen: 20.382 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

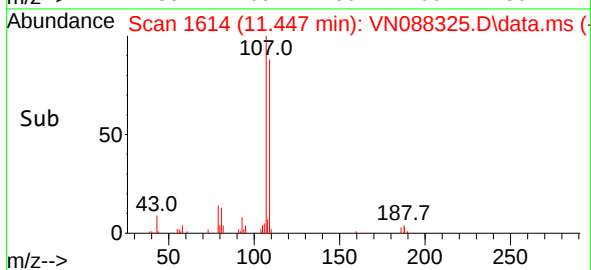
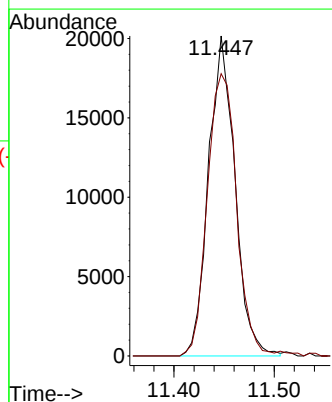
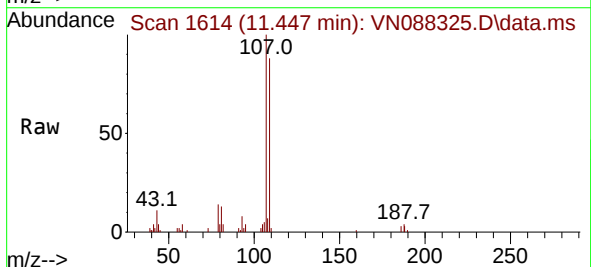
Instrument :  
MSVOA\_N  
ClientSampleId :

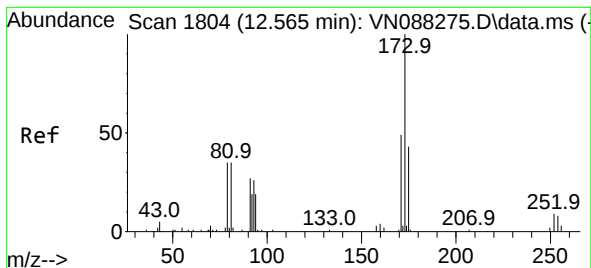
Tgt Ion:129 Resp: 44702  
Ion Ratio Lower Upper  
129 100  
127 82.4 38.2 114.6



#54  
1,2-Dibromoethane  
Concen: 18.600 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion:107 Resp: 36901  
Ion Ratio Lower Upper  
107 100  
109 97.4 76.6 115.0





#56

Bromoform

Concen: 17.983 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VN088325.D

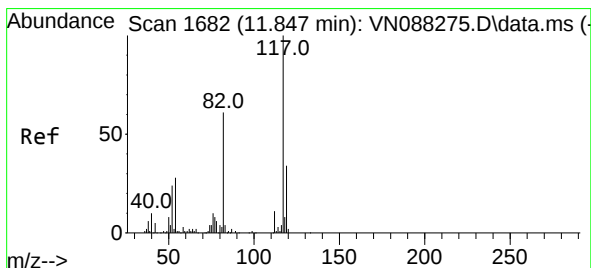
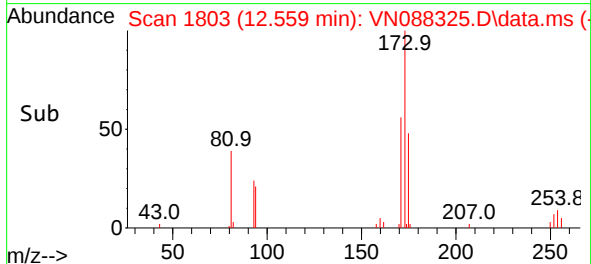
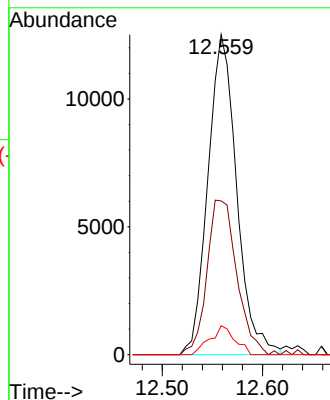
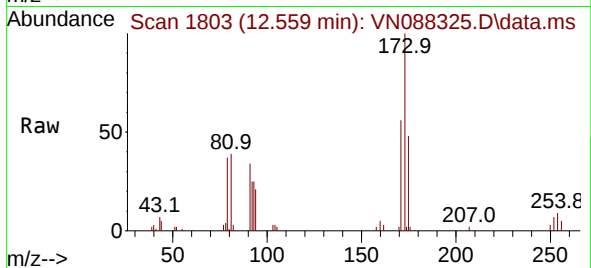
Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 24964     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 50.0  | 37.7 56.5 |
| 254         | 7.8   | 5.9 8.9   |



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

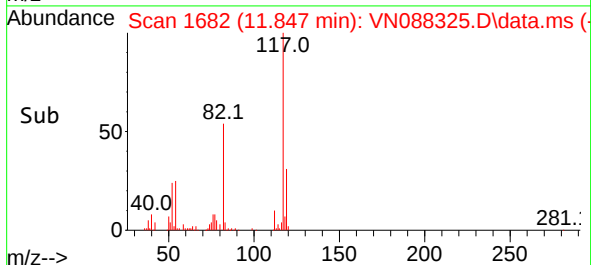
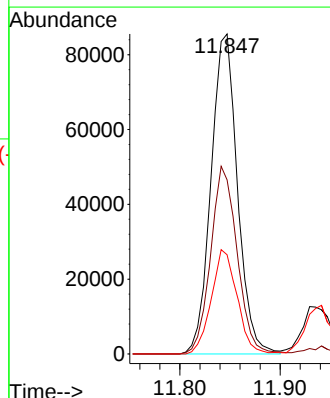
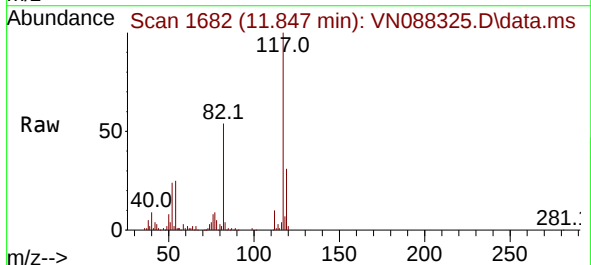
RT: 11.847 min Scan# 1682

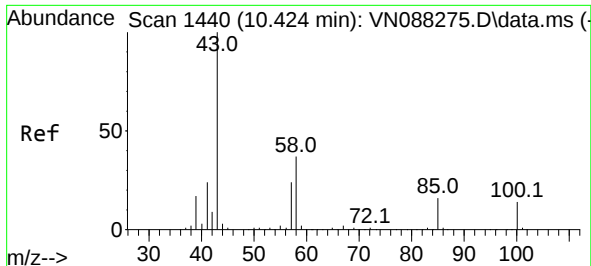
Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 156623    |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 58.8  | 49.3 73.9 |
| 119         | 31.7  | 26.4 39.6 |

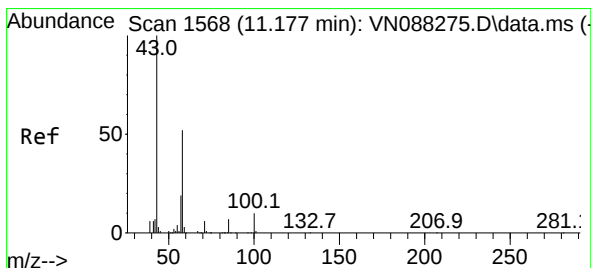
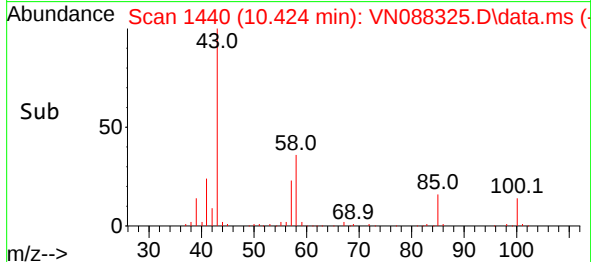
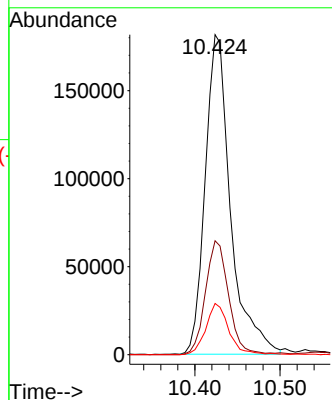
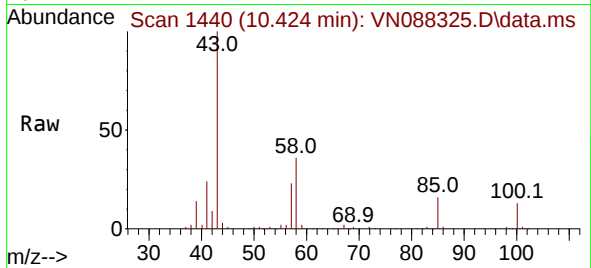




#58  
4-Methyl-2-Pentanone  
Concen: 106.106 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

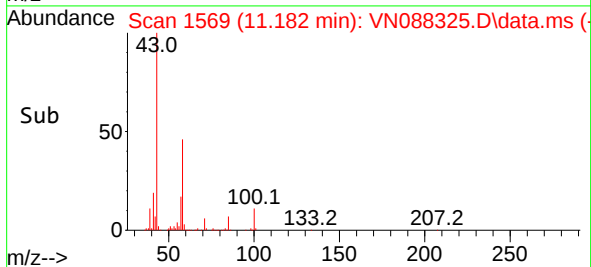
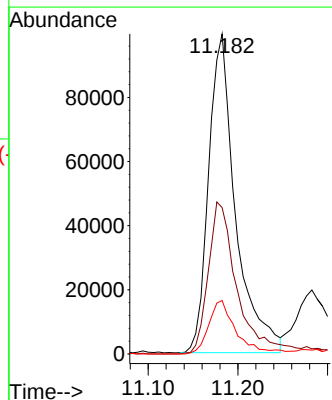
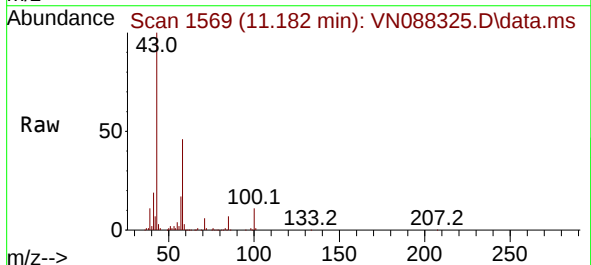
Instrument :  
MSVOA\_N  
ClientSampleId :

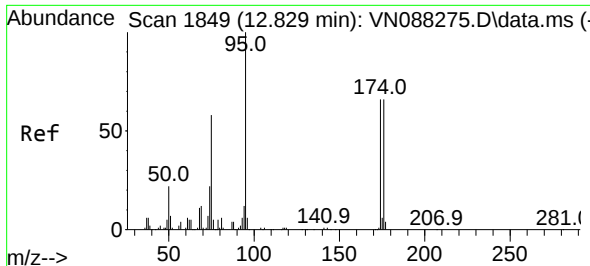
Tgt Ion: 43 Resp: 375872  
Ion Ratio Lower Upper  
43 100  
58 32.4 29.2 43.8  
85 14.3 12.6 19.0



#59  
2-Hexanone  
Concen: 88.310 ug/l  
RT: 11.182 min Scan# 1569  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 43 Resp: 207729  
Ion Ratio Lower Upper  
43 100  
58 51.1 41.0 61.4  
57 16.4 14.4 21.6

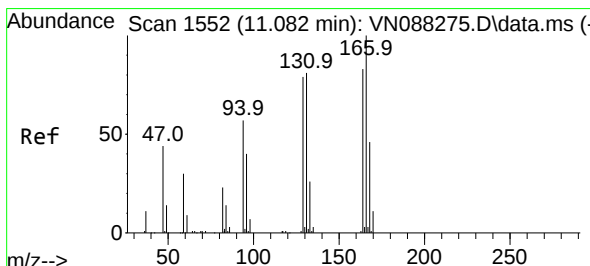
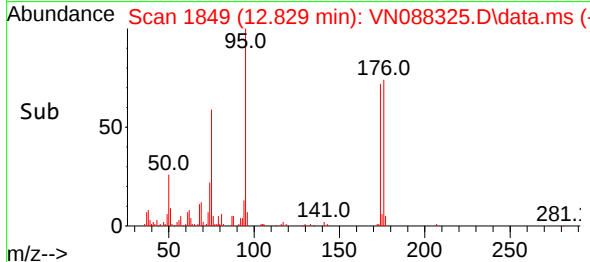
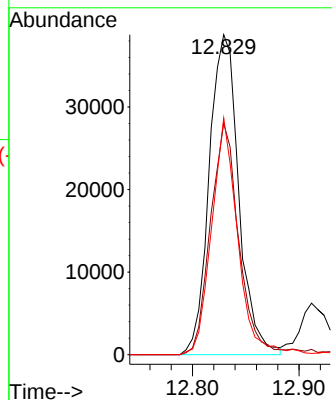
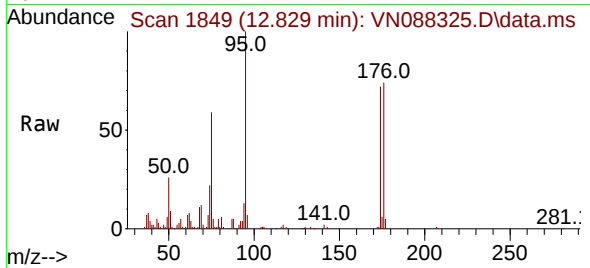




#60  
4-Bromofluorobenzene  
Concen: 28.178 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

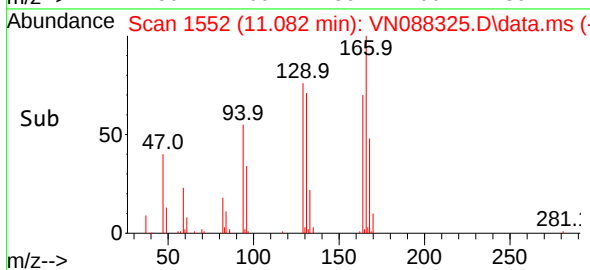
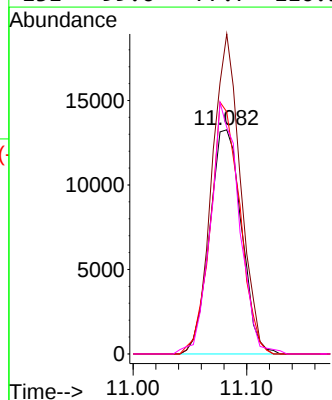
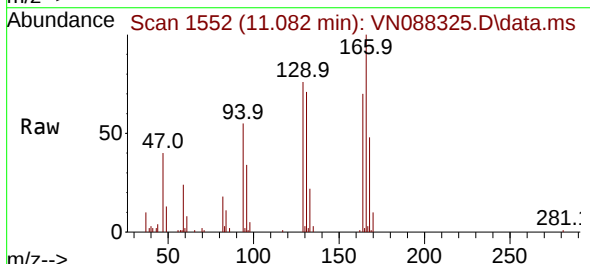
Instrument :  
MSVOA\_N  
ClientSampleId :

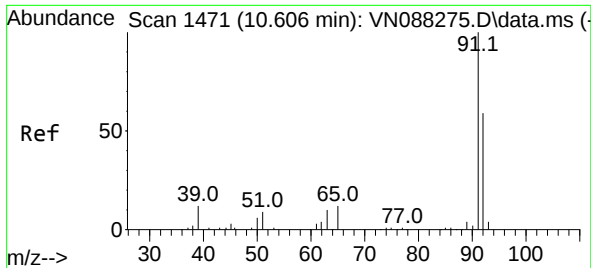
Tgt Ion: 95 Resp: 74605  
Ion Ratio Lower Upper  
95 100  
174 68.9 54.5 81.7  
176 64.8 53.8 80.6



#61  
Tetrachloroethene  
Concen: 16.050 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion:164 Resp: 25918  
Ion Ratio Lower Upper  
164 100  
166 142.8 96.3 144.5  
129 108.0 76.2 114.2  
131 99.6 77.7 116.5

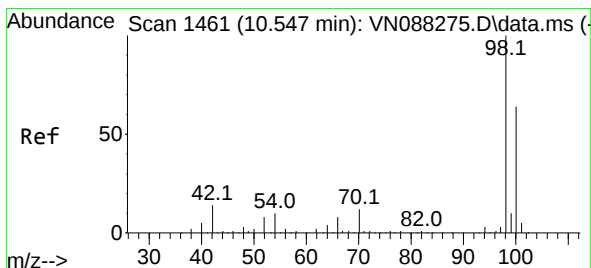
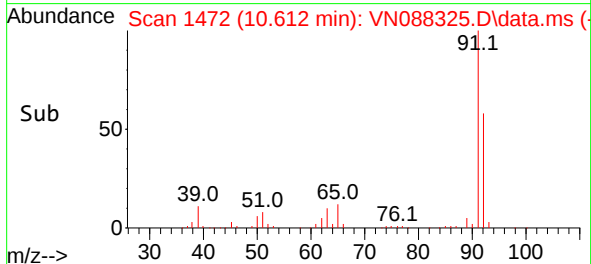
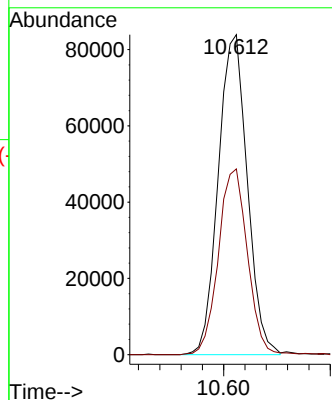
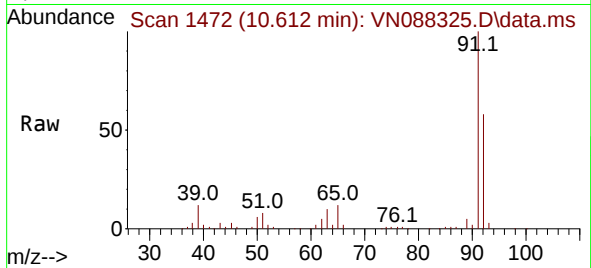




#62  
Toluene  
Concen: 17.628 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

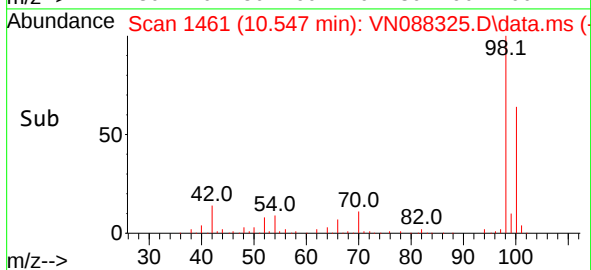
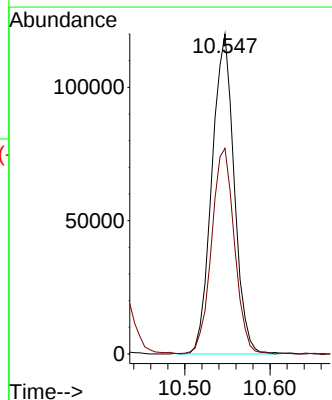
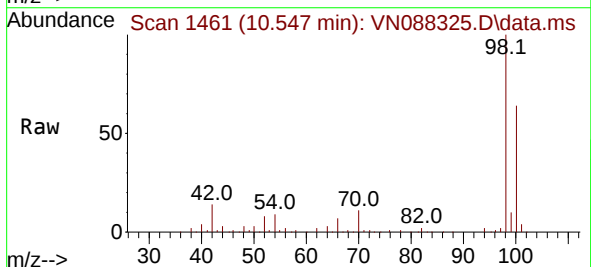
Instrument :  
MSVOA\_N  
ClientSampleId :

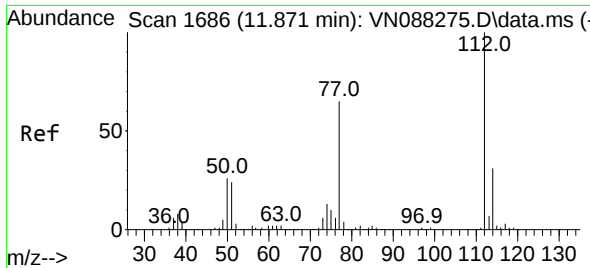
Tgt Ion: 91 Resp: 158441  
Ion Ratio Lower Upper  
91 100  
92 58.2 46.7 70.1



#63  
Toluene-d8  
Concen: 29.331 ug/l  
RT: 10.547 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 98 Resp: 217495  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.6 77.4

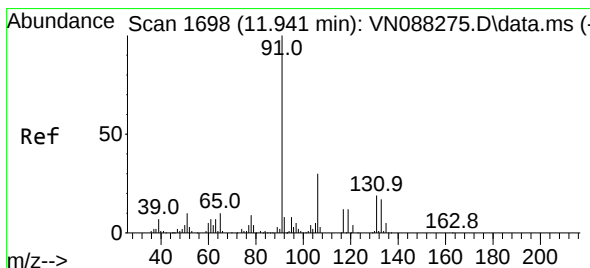
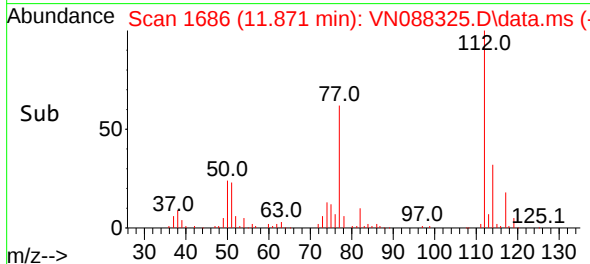
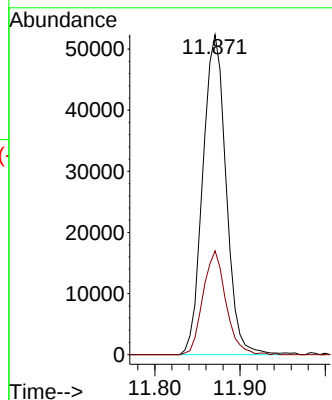
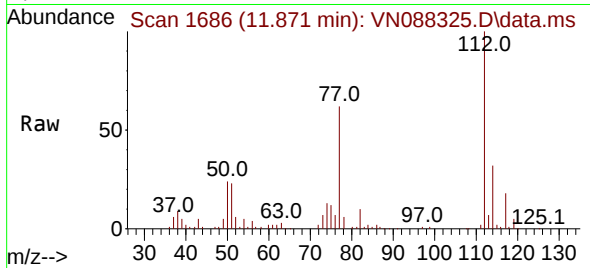




#64  
Chlorobenzene  
Concen: 17.845 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

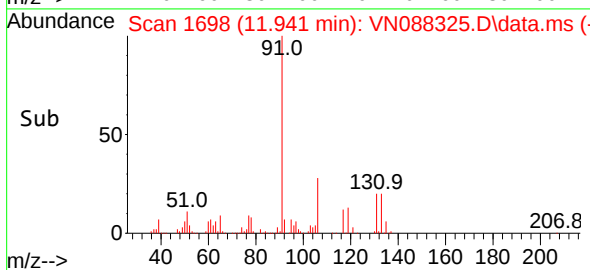
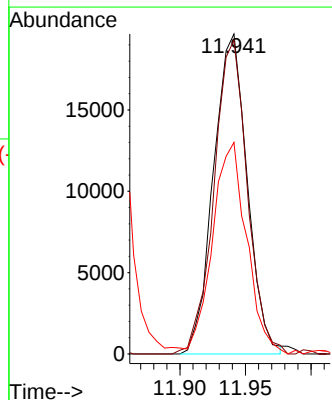
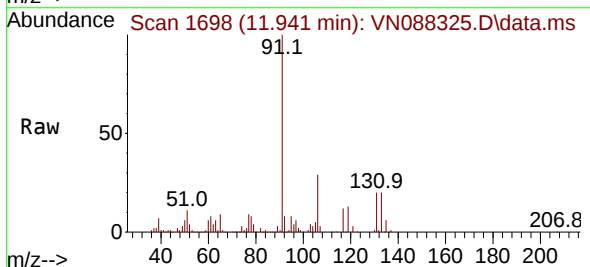
Instrument :  
MSVOA\_N  
ClientSampleId :

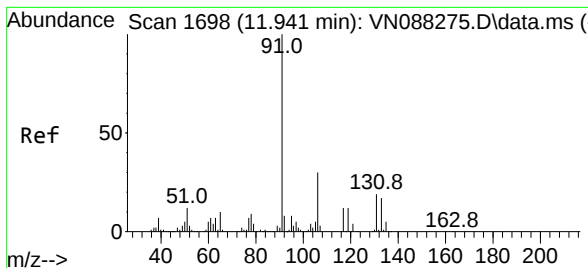
Tgt Ion:112 Resp: 99334  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.0 37.4



#65  
1,1,1,2-Tetrachloroethane  
Concen: 18.437 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion:131 Resp: 35127  
Ion Ratio Lower Upper  
131 100  
133 97.0 0.0 181.4  
119 66.6 0.0 135.0

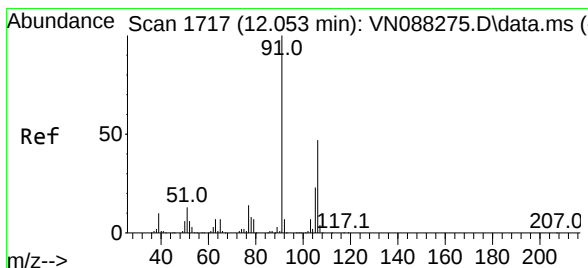
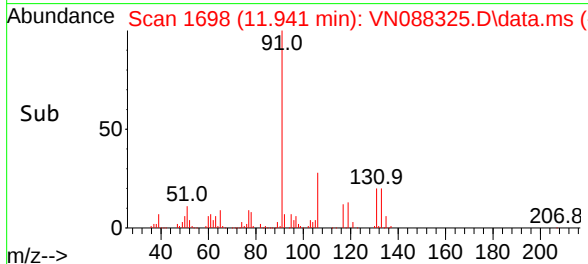
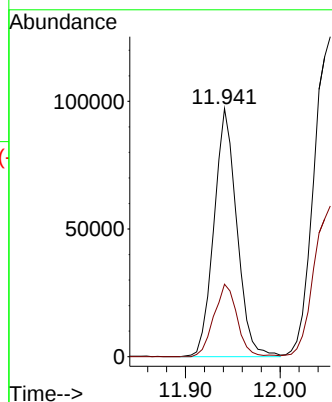
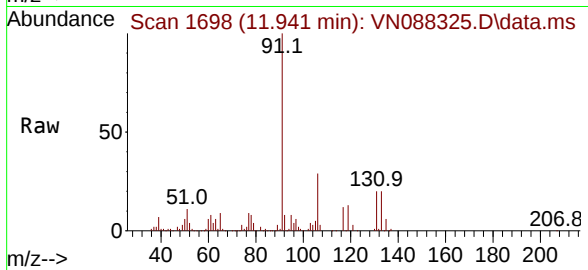




#66  
Ethyl Benzene  
Concen: 16.483 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

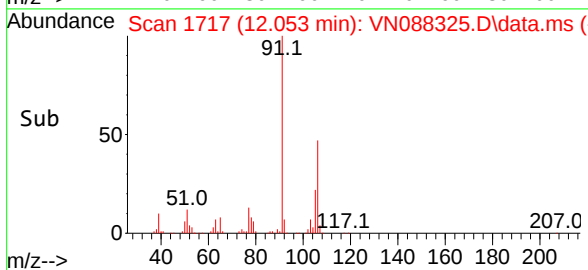
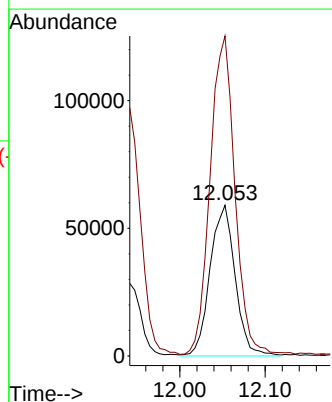
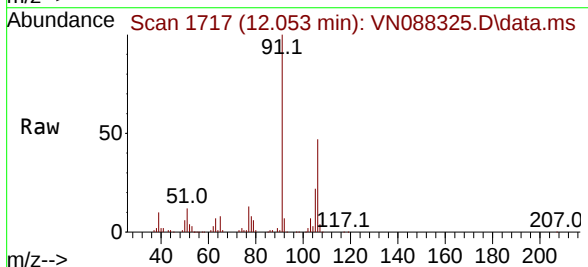
Instrument :  
MSVOA\_N  
ClientSampleId :

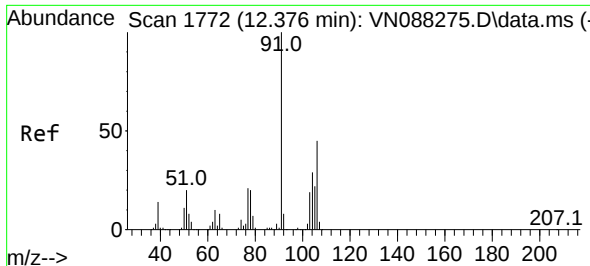
Tgt Ion: 91 Resp: 163280  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.4 36.6



#67  
m/p-Xylenes  
Concen: 32.574 ug/l  
RT: 12.053 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 106 Resp: 120670  
Ion Ratio Lower Upper  
106 100  
91 208.0 168.3 252.5

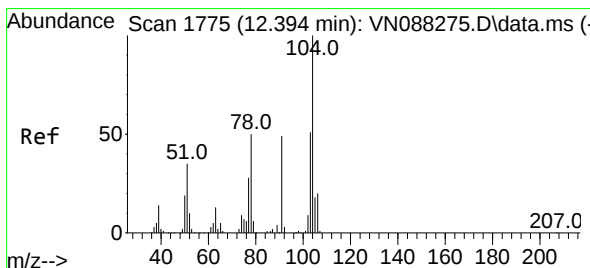
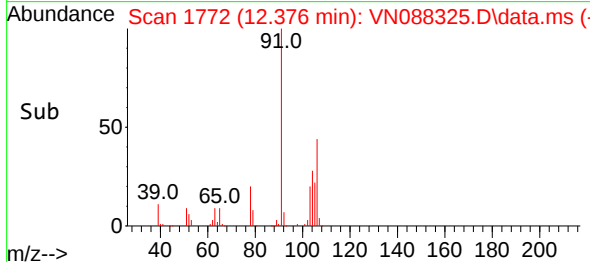
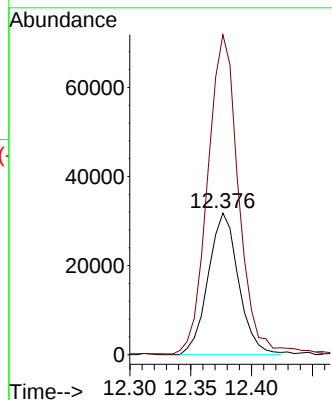
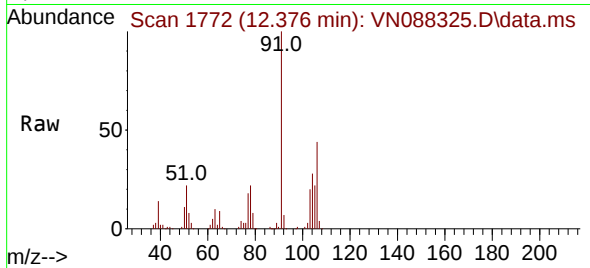




#68  
o-Xylene  
Concen: 15.823 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

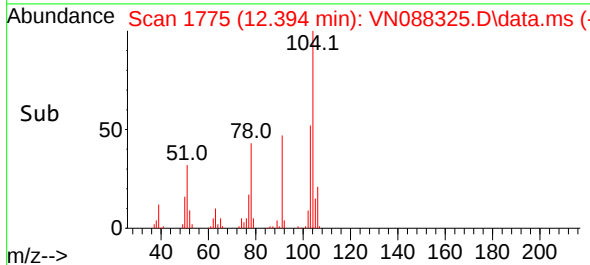
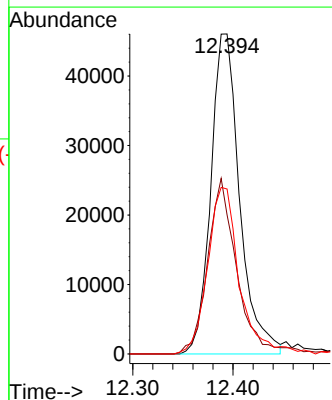
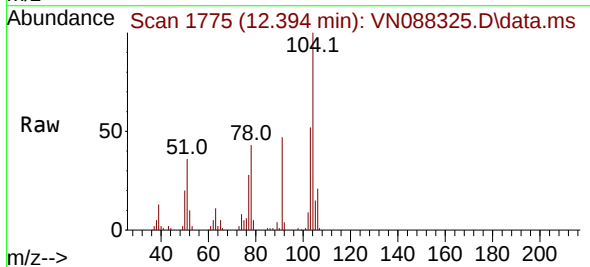
Instrument :  
MSVOA\_N  
ClientSampleId :

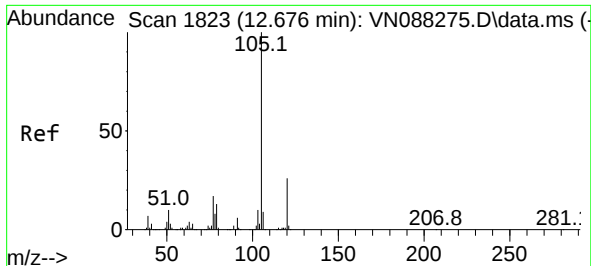
Tgt Ion:106 Resp: 55295  
Ion Ratio Lower Upper  
106 100  
91 225.7 114.0 342.0



#69  
Styrene  
Concen: 15.529 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion:104 Resp: 92168  
Ion Ratio Lower Upper  
104 100  
78 54.3 43.8 65.8  
103 55.6 44.8 67.2

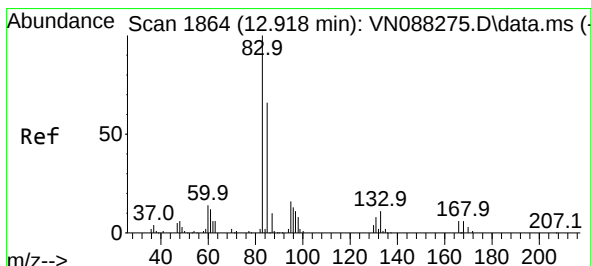
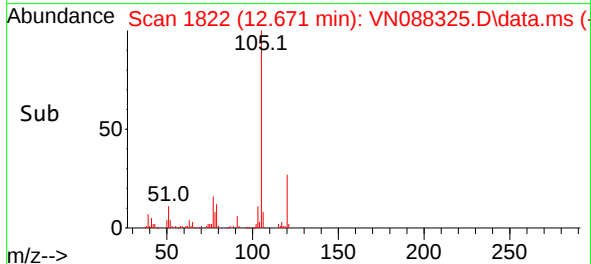
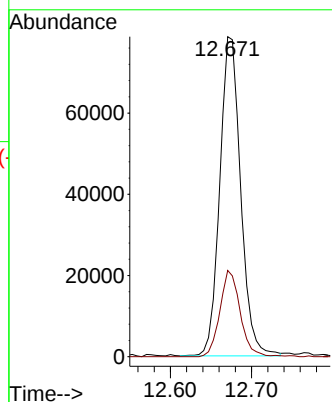
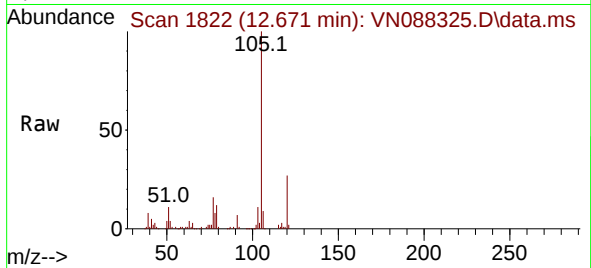




#70  
Isopropylbenzene  
Concen: 15.216 ug/l  
RT: 12.671 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

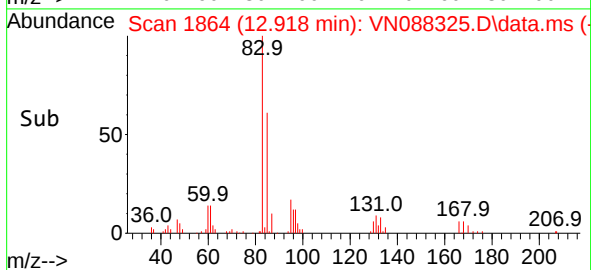
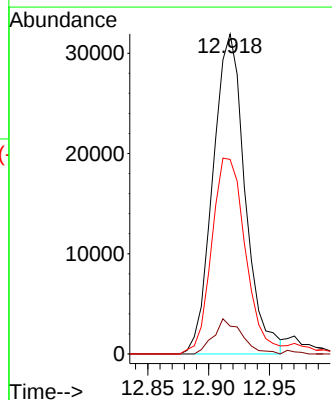
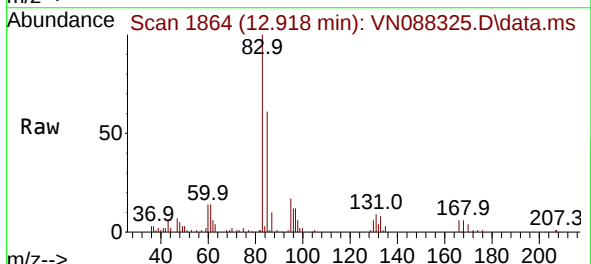
Instrument :  
MSVOA\_N  
ClientSampleId :

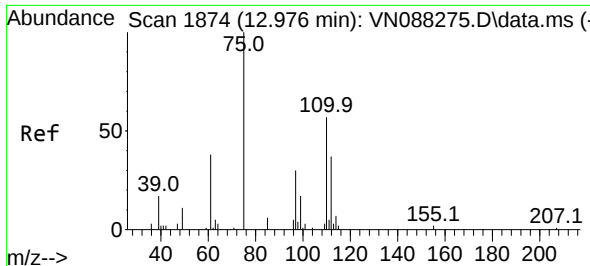
Tgt Ion:105 Resp: 140914  
Ion Ratio Lower Upper  
105 100  
120 26.0 18.2 33.8



#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.542 ug/l  
RT: 12.918 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 83 Resp: 58625  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.3 12.9  
85 64.2 32.4 97.2

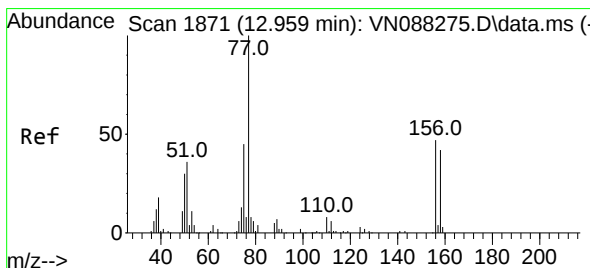
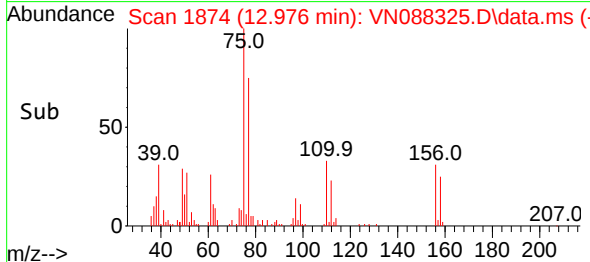
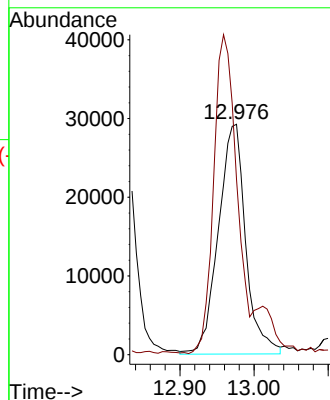
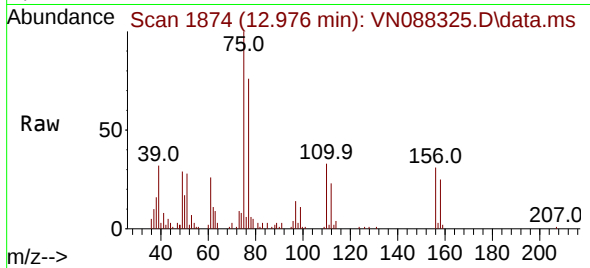




#72  
1,2,3-Trichloropropane  
Concen: 25.693 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

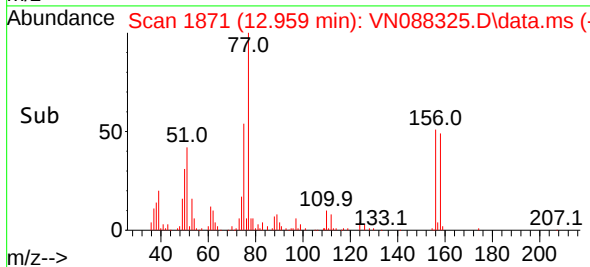
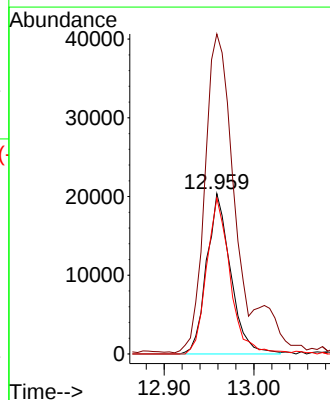
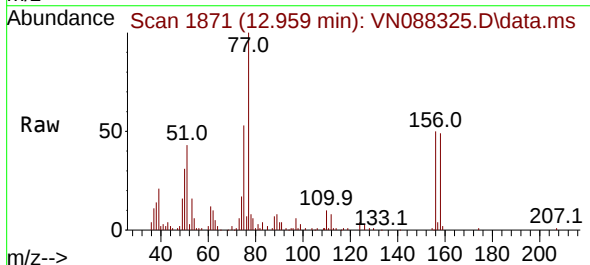
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MSVOA\_N  
ClientSampleId :

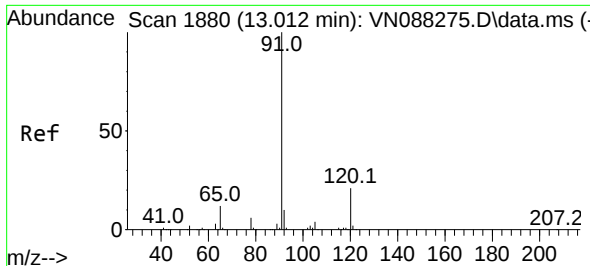
Tgt Ion: 75 Resp: 74672  
Ion Ratio Lower Upper  
75 100  
77 116.0 0.0 386.6



#73  
Bromobenzene  
Concen: 18.093 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion:156 Resp: 37829  
Ion Ratio Lower Upper  
156 100  
77 228.9 0.0 493.4  
158 95.5 0.0 193.4

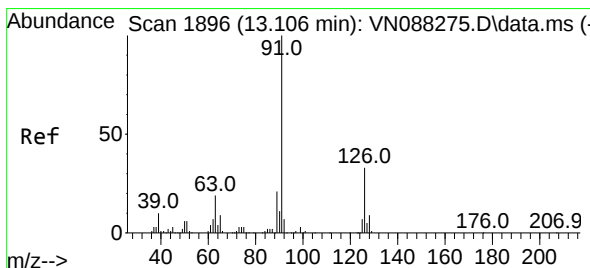
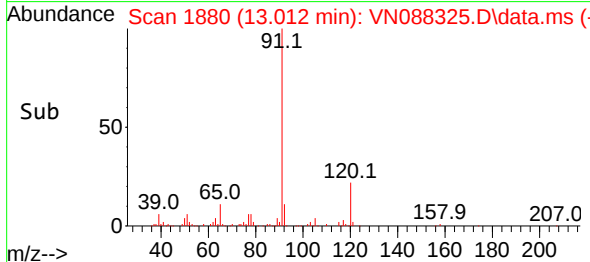
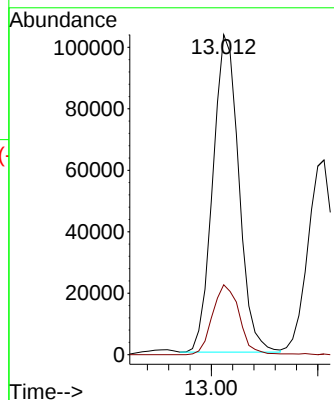
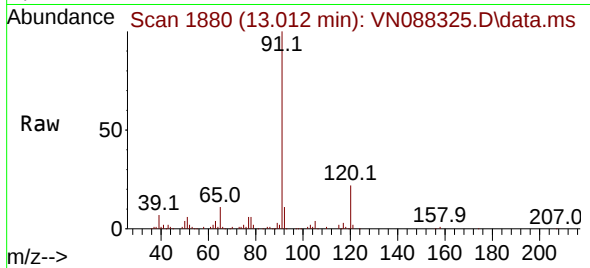




#74  
n-propylbenzene  
Concen: 15.262 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

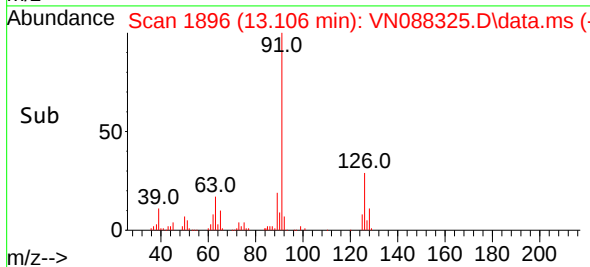
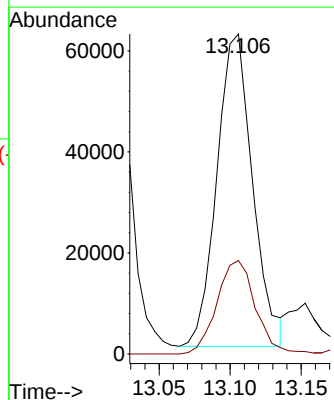
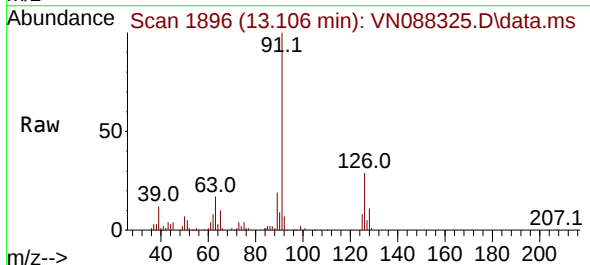
Instrument :  
MSVOA\_N  
ClientSampleId :

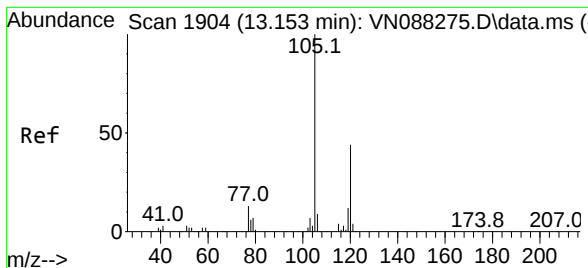
Tgt Ion: 91 Resp: 174924  
Ion Ratio Lower Upper  
91 100  
120 22.7 0.0 43.2



#75  
2-Chlorotoluene  
Concen: 15.519 ug/l  
RT: 13.106 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 91 Resp: 108157  
Ion Ratio Lower Upper  
91 100  
126 32.2 0.0 62.0

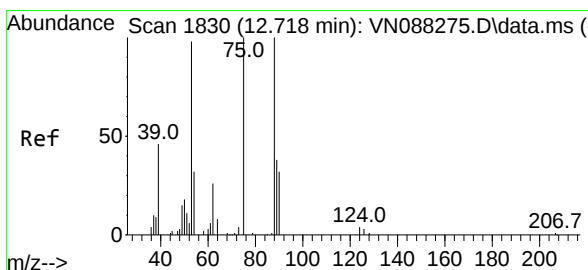
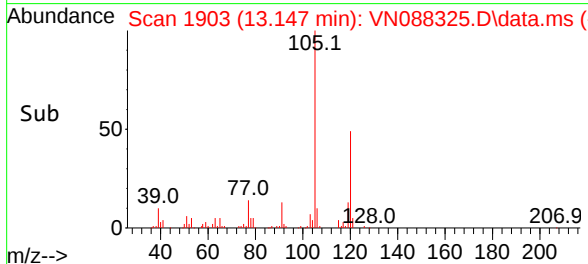
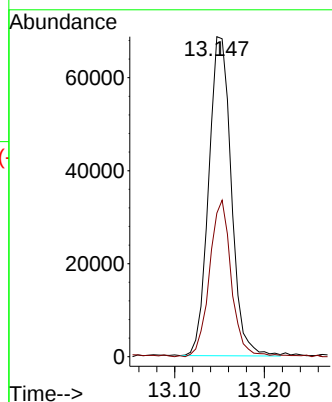
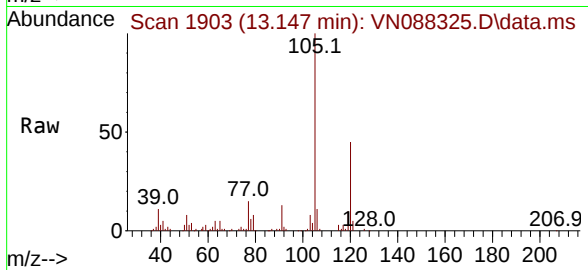




#76  
 1,3,5-Trimethylbenzene  
 Concen: 15.447 ug/l  
 RT: 13.147 min Scan# 1904  
 Delta R.T. -0.006 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

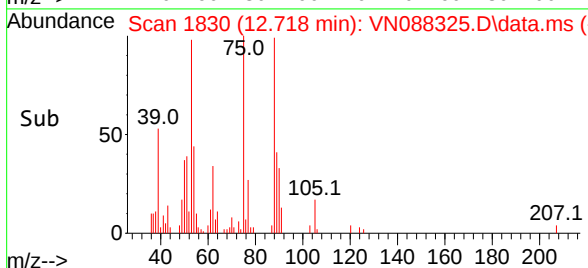
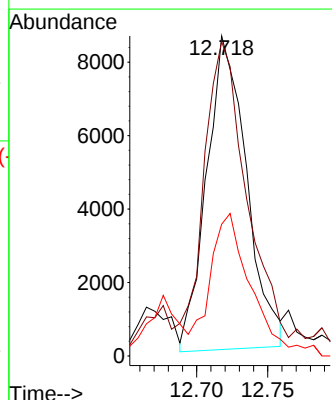
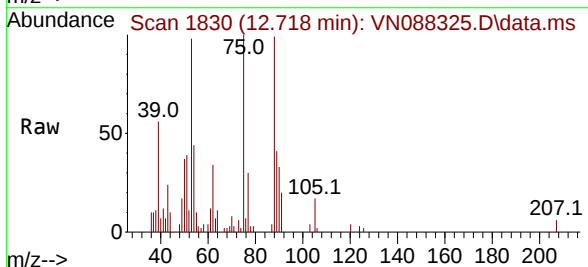
Instrument :  
 MSVOA\_N  
 ClientSampleId :

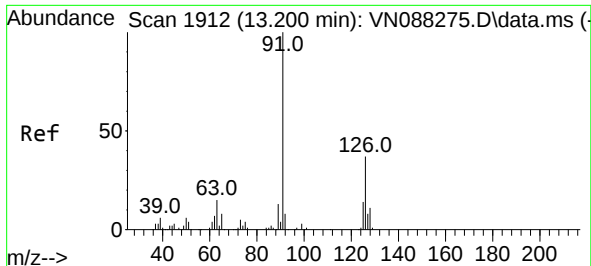
Tgt Ion:105 Resp: 120083  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 0.0 94.6



#77  
 t-1,4-Dichloro-2-butene  
 Concen: 16.717 ug/l  
 RT: 12.718 min Scan# 1830  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

Tgt Ion: 75 Resp: 16684  
 Ion Ratio Lower Upper  
 75 100  
 53 91.8 50.0 150.0  
 89 37.4 22.3 66.9

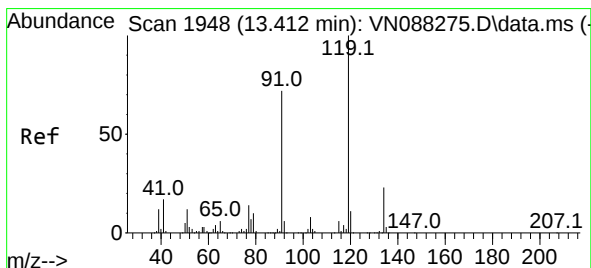
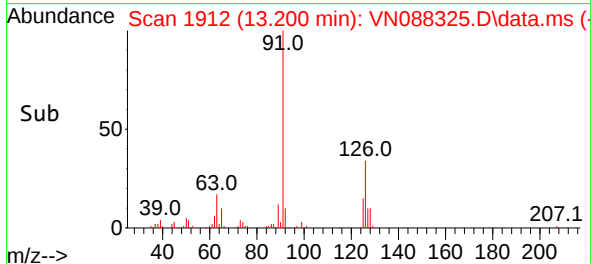
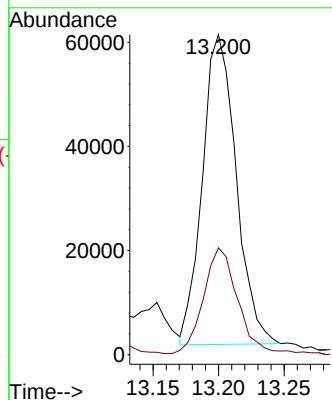
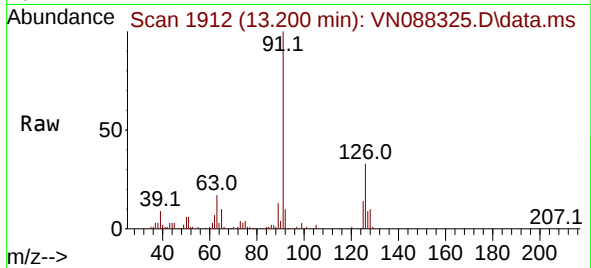




#78  
4-Chlorotoluene  
Concen: 15.076 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

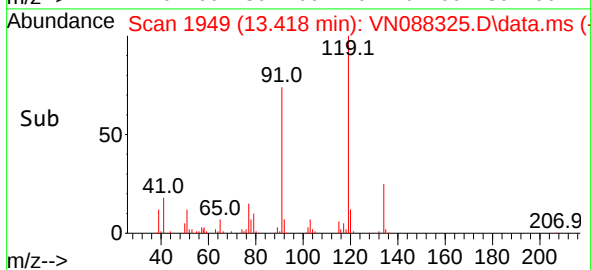
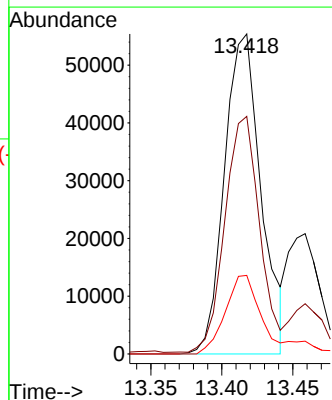
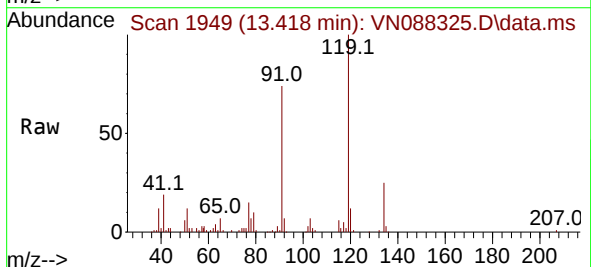
Instrument :  
MSVOA\_N  
ClientSampleId :

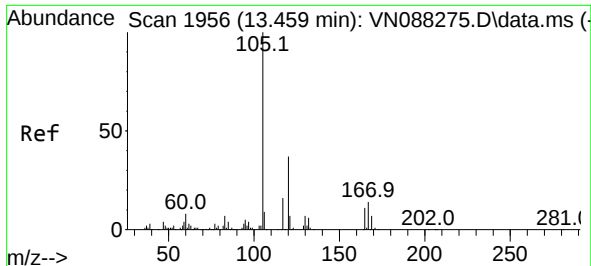
Tgt Ion: 91 Resp: 106474  
Ion Ratio Lower Upper  
91 100  
126 34.0 0.0 60.8



#79  
tert-butylbenzene  
Concen: 14.903 ug/l  
RT: 13.418 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

Tgt Ion: 119 Resp: 99187  
Ion Ratio Lower Upper  
119 100  
91 70.0 0.0 140.8  
134 23.2 0.0 48.4

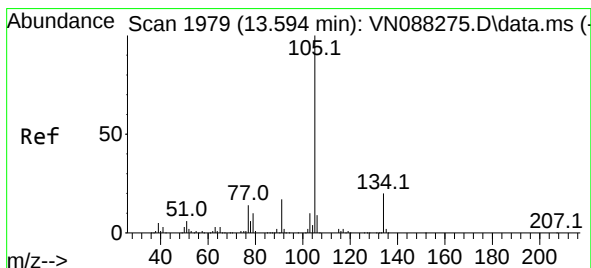
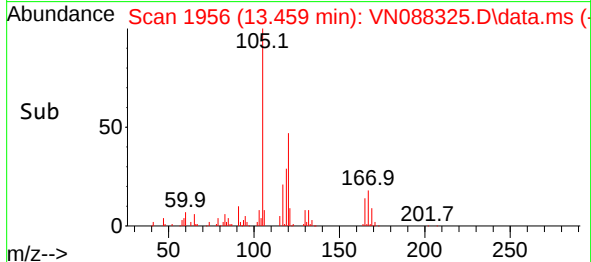
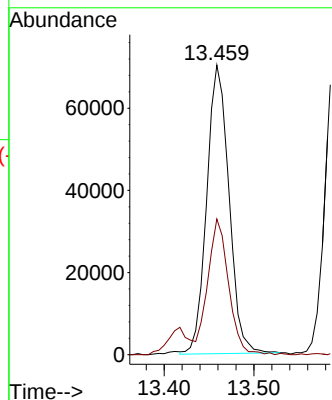
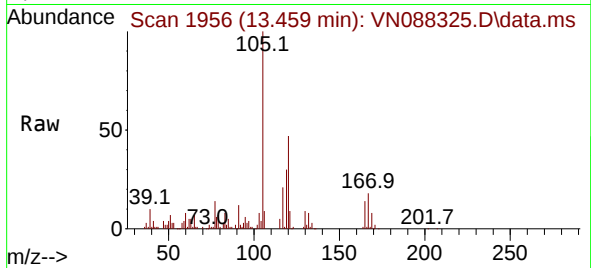




#80  
1,2,4-Trimethylbenzene  
Concen: 15.653 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

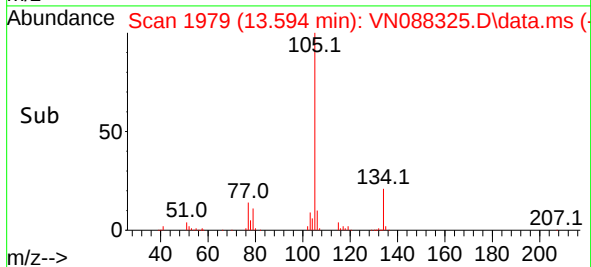
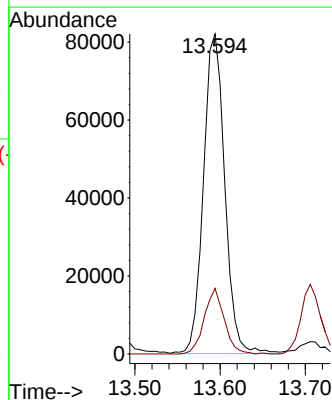
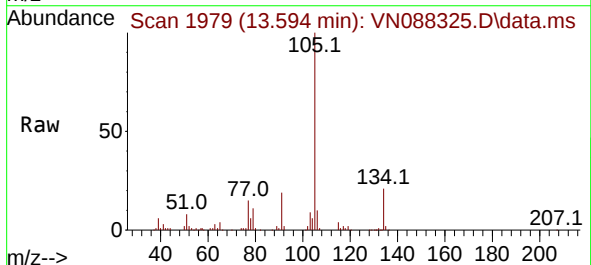
Instrument :  
MSVOA\_N  
ClientSampleId :

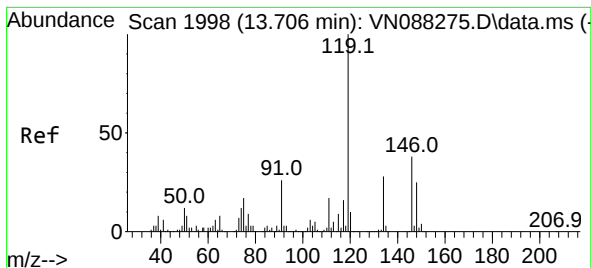
Tgt Ion:105 Resp: 121001  
Ion Ratio Lower Upper  
105 100  
120 43.0 0.0 89.2



#81  
sec-Butylbenzene  
Concen: 14.659 ug/l  
RT: 13.594 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

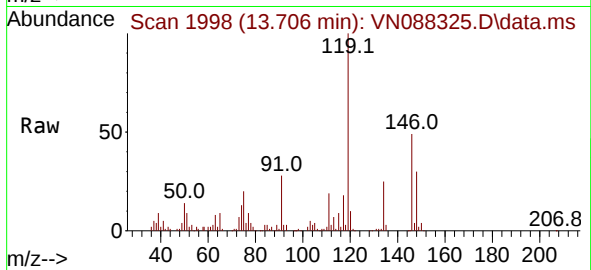
Tgt Ion:105 Resp: 142301  
Ion Ratio Lower Upper  
105 100  
134 19.2 0.0 38.4



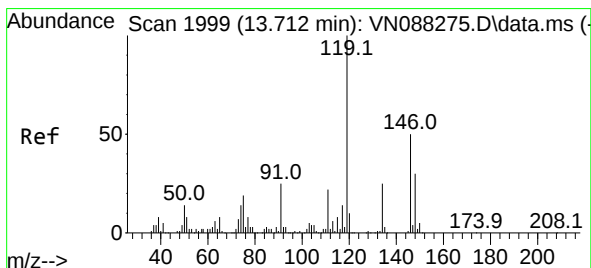
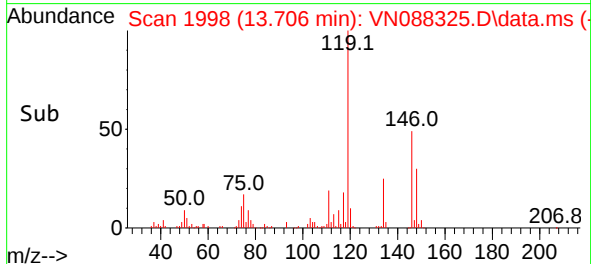
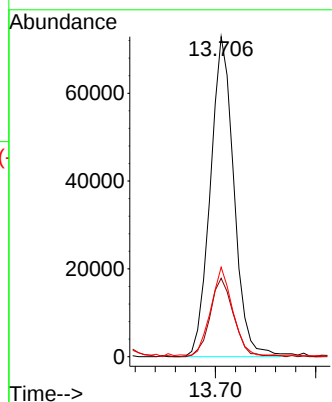


#82  
 p-Isopropyltoluene  
 Concen: 14.808 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :

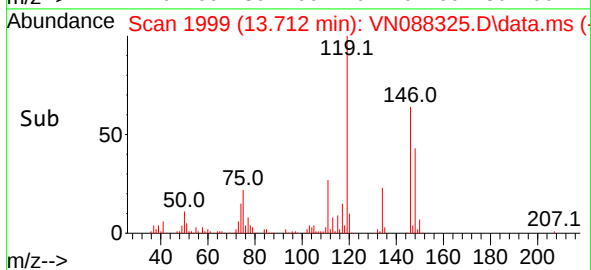
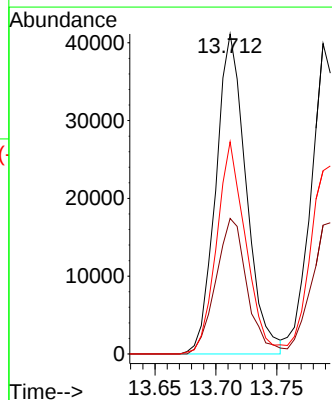
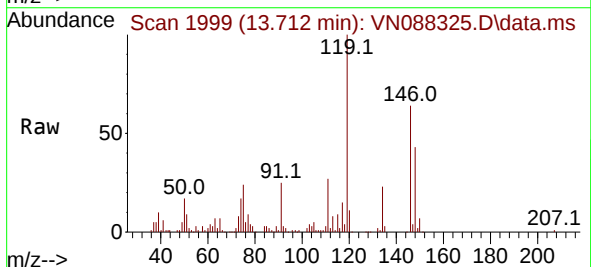


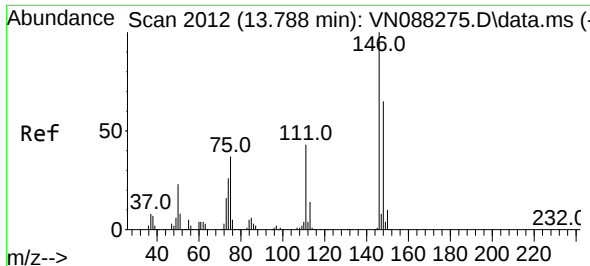
Tgt Ion:119 Resp: 118781  
 Ion Ratio Lower Upper  
 119 100  
 134 24.2 0.0 51.2  
 91 25.2 0.0 53.4



#83  
 1,3-Dichlorobenzene  
 Concen: 17.551 ug/l  
 RT: 13.712 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

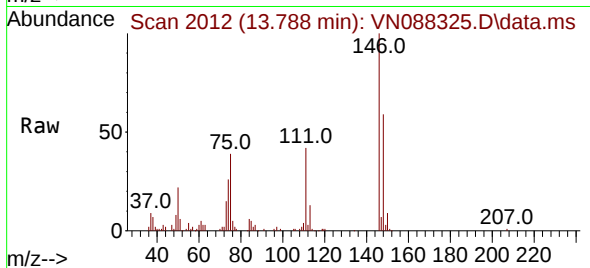
Tgt Ion:146 Resp: 71298  
 Ion Ratio Lower Upper  
 146 100  
 111 43.9 22.1 66.5  
 148 64.1 31.4 94.3



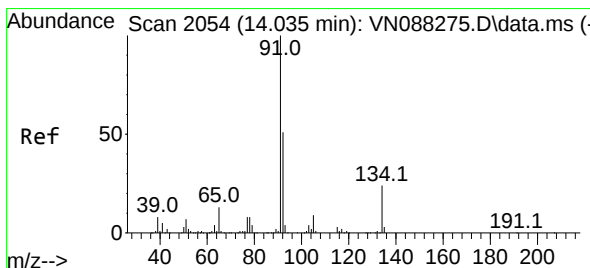
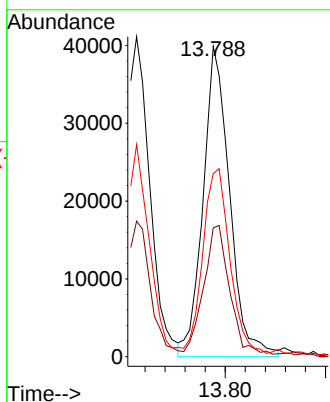
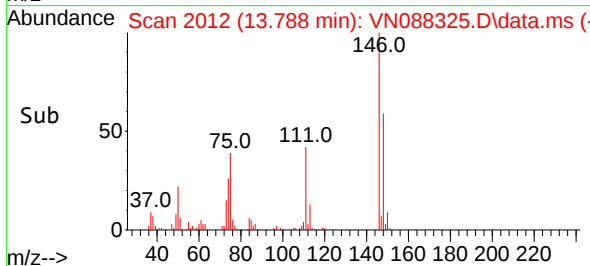


#84  
1,4-Dichlorobenzene  
Concen: 17.847 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

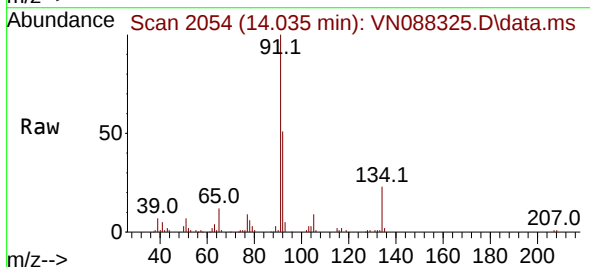
Instrument :  
MSVOA\_N  
ClientSampleId :



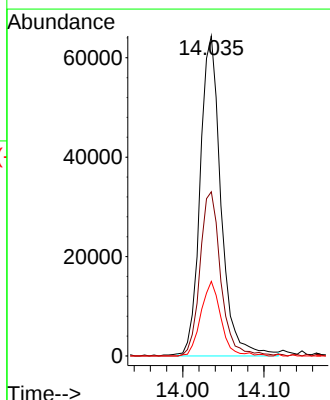
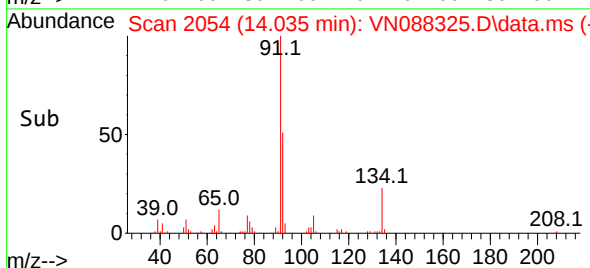
Tgt Ion:146 Resp: 73420  
Ion Ratio Lower Upper  
146 100  
111 40.4 21.8 65.3  
148 62.7 31.9 95.5

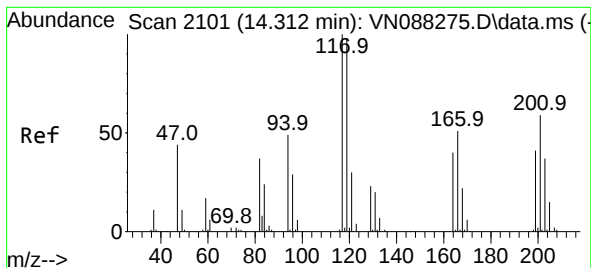


#85  
n-Butylbenzene  
Concen: 15.024 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44



Tgt Ion: 91 Resp: 114857  
Ion Ratio Lower Upper  
91 100  
92 51.0 0.0 102.4  
134 22.1 0.0 45.8





#86

Hexachloroethane

Concen: 16.954 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA\_N

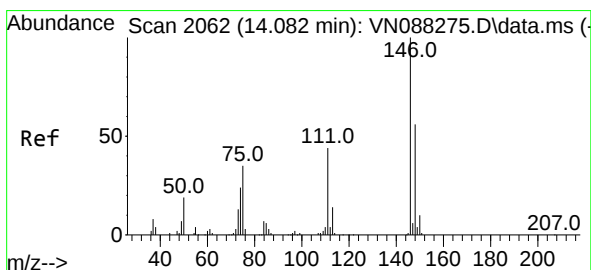
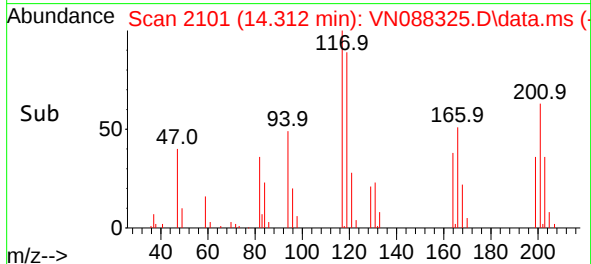
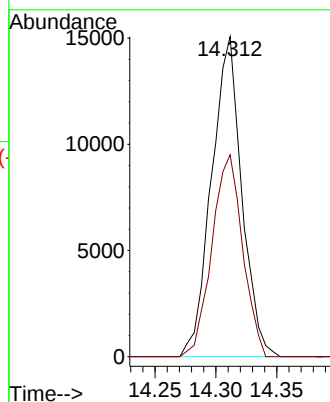
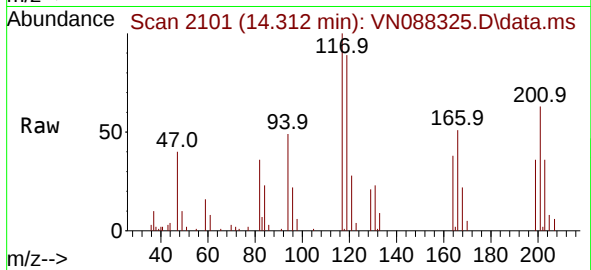
ClientSampleId :

Tgt Ion:117 Resp: 26039

Ion Ratio Lower Upper

117 100

201 63.9 30.6 92.0



#87

1,2-Dichlorobenzene

Concen: 17.327 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

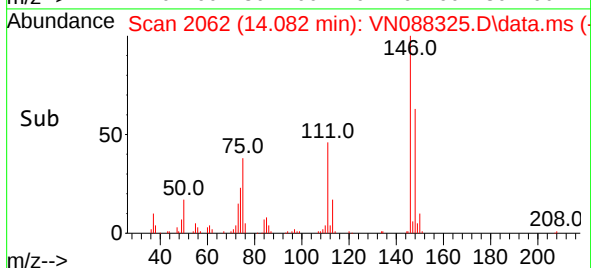
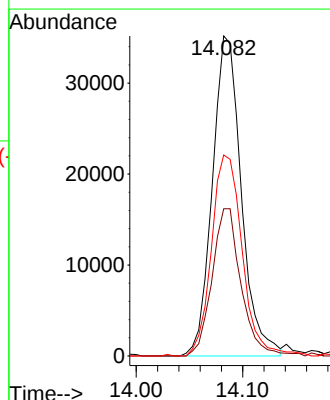
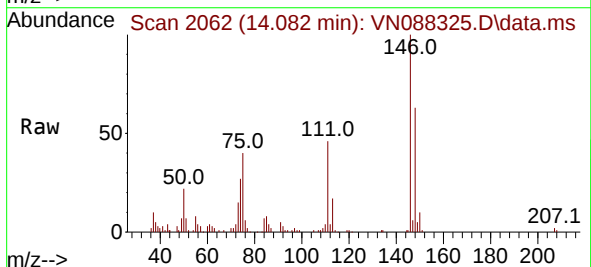
Tgt Ion:146 Resp: 66436

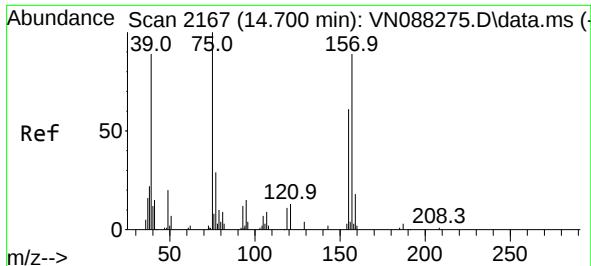
Ion Ratio Lower Upper

146 100

111 45.9 23.0 69.0

148 66.7 31.1 93.2

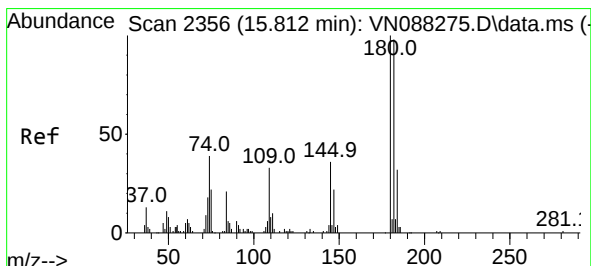
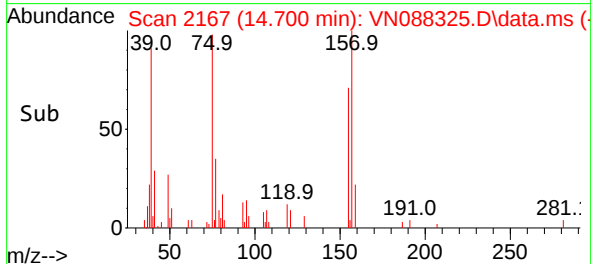
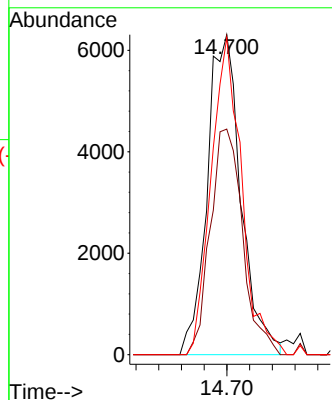
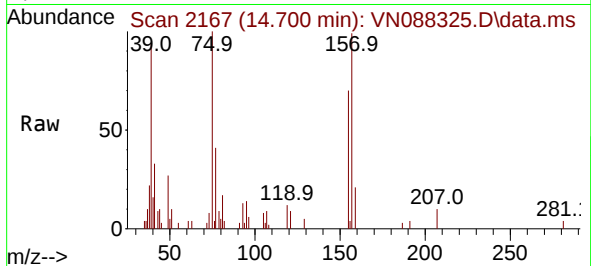




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.422 ug/l  
 RT: 14.700 min Scan# 2167  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

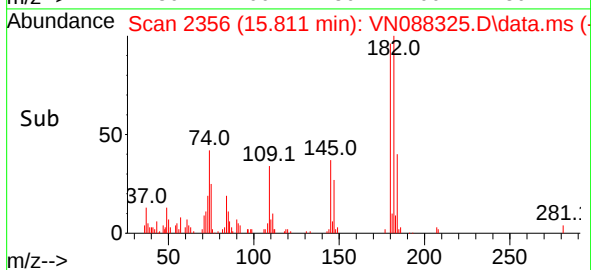
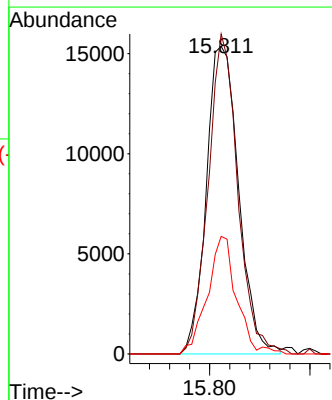
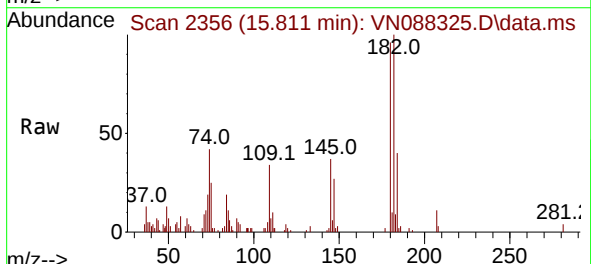
Instrument :  
 MSVOA\_N  
 ClientSampleId :

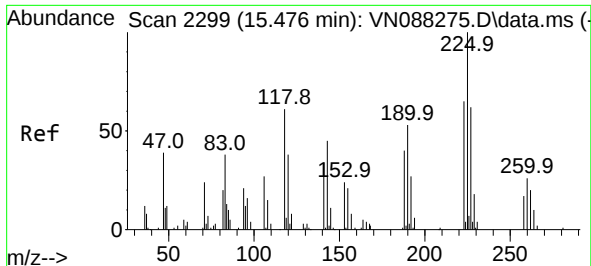
Tgt Ion: 75 Resp: 12990  
 Ion Ratio Lower Upper  
 75 100  
 155 67.8 54.8 82.2  
 157 89.7 70.7 106.1



#89  
 1,2,4-Trichlorobenzene  
 Concen: 16.008 ug/l  
 RT: 15.811 min Scan# 2356  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

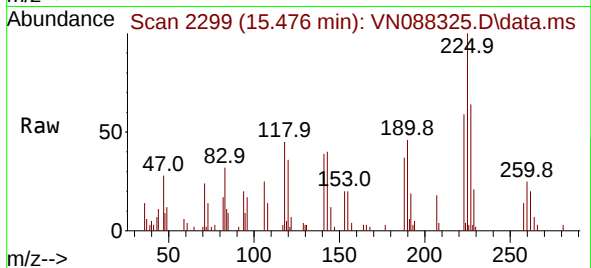
Tgt Ion:180 Resp: 34443  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 77.3 115.9  
 145 33.6 30.2 45.4



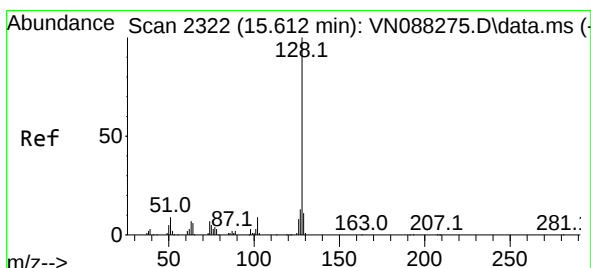
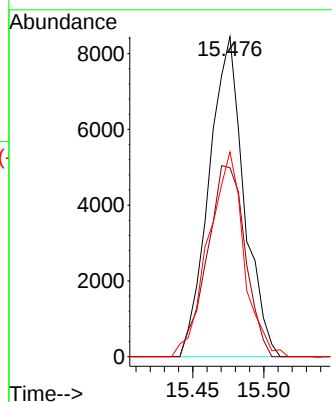
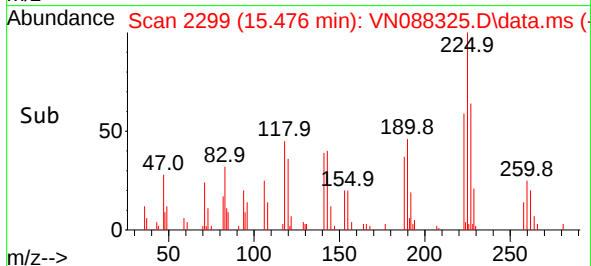


#90  
Hexachlorobutadiene  
Concen: 17.302 ug/l  
RT: 15.476 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44

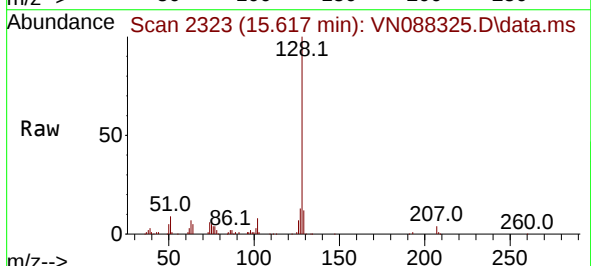
Instrument :  
MSVOA\_N  
ClientSampleId :



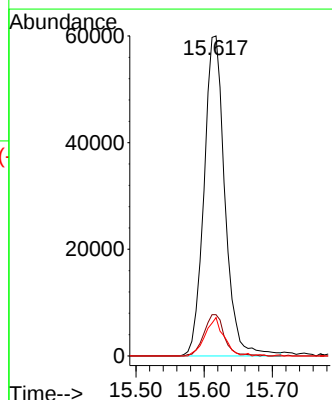
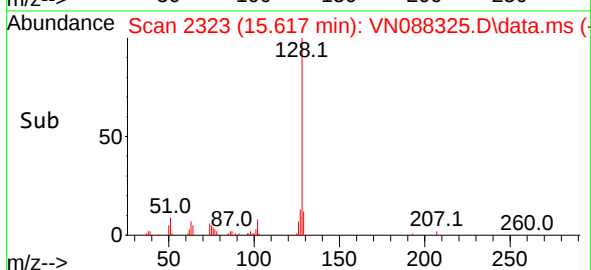
Tgt Ion:225 Resp: 14458  
Ion Ratio Lower Upper  
225 100  
223 64.5 0.0 132.0  
227 65.0 0.0 132.6

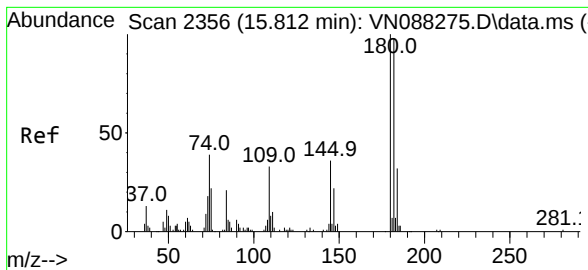


#91  
Naphthalene  
Concen: 16.442 ug/l  
RT: 15.617 min Scan# 2323  
Delta R.T. 0.006 min  
Lab File: VN088325.D  
Acq: 20 Nov 2025 12:44



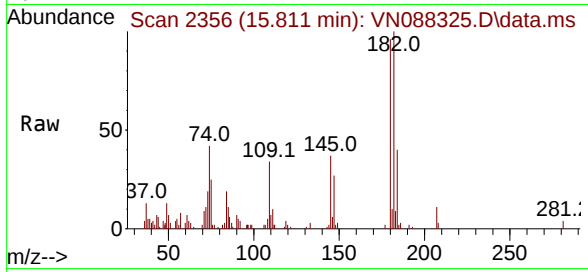
Tgt Ion:128 Resp: 128004  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.6 16.0  
129 10.6 8.8 13.2





#92  
 1,2,3-Trichlorobenzene  
 Concen: 16.008 ug/l  
 RT: 15.811 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN088325.D  
 Acq: 20 Nov 2025 12:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 34443 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.8  | 0.0   | 193.2 |
| 145      | 33.6  | 0.0   | 75.6  |

