

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112723\  
 Data File : VN080287.D  
 Acq On : 27 Nov 2023 19:57  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 28 02:11:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.229  | 168   | 239880   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 374526   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.870 | 117   | 342701   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 168930   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 194256   | 49.045   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 98.080%  |
| 35) Dibromofluoromethane     | 8.171  | 113   | 145771   | 52.749   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 105.500% |
| 50) Toluene-d8               | 10.571 | 98    | 512083   | 51.404   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 102.800% |
| 62) 4-Bromofluorobenzene     | 12.853 | 95    | 194077   | 51.578   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 103.160% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 148107   | 41.450   | ug/l   | 100      |
| 3) Chloromethane             | 2.365  | 50    | 108936   | 40.550   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.512  | 62    | 122272   | 43.009   | ug/l   | 99       |
| 5) Bromomethane              | 2.947  | 94    | 79558    | 41.222   | ug/l   | 93       |
| 6) Chloroethane              | 3.118  | 64    | 79337    | 44.887   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 251737   | 42.447   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.959  | 74    | 75444    | 43.742   | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.377  | 101   | 116231   | 42.879   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.589  | 142   | 131301   | 44.821   | ug/l # | 84       |
| 11) Tert butyl alcohol       | 5.512  | 59    | 105621   | 242.492  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.336  | 96    | 110419   | 43.552   | ug/l   | 87       |
| 13) Acrolein                 | 4.177  | 56    | 99666    | 258.558  | ug/l   | 98       |
| 14) Allyl chloride           | 5.030  | 41    | 139194   | 43.637   | ug/l   | 95       |
| 15) Acrylonitrile            | 5.712  | 53    | 268161   | 229.337  | ug/l   | 99       |
| 16) Acetone                  | 4.424  | 43    | 218027   | 163.889  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.712  | 76    | 279347   | 36.900   | ug/l   | 99       |
| 18) Methyl Acetate           | 5.024  | 43    | 191877   | 44.890   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.794  | 73    | 416067   | 46.469   | ug/l   | 98       |
| 20) Methylene Chloride       | 5.277  | 84    | 131550   | 47.220   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.788  | 96    | 118581   | 42.574   | ug/l # | 83       |
| 22) Diisopropyl ether        | 6.671  | 45    | 326397   | 46.249   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.600  | 43    | 919894   | 216.812  | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.571  | 63    | 226402   | 44.046   | ug/l   | 97       |
| 25) 2-Butanone               | 7.482  | 43    | 311155   | 196.859  | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.488  | 77    | 206630   | 40.518   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.494  | 96    | 140292   | 44.426   | ug/l   | 89       |
| 28) Bromochloromethane       | 7.812  | 49    | 94415    | 46.722   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 196311   | 231.340  | ug/l   | 92       |
| 30) Chloroform               | 7.965  | 83    | 259505   | 45.169   | ug/l   | 96       |
| 31) Cyclohexane              | 8.259  | 56    | 165013   | 38.309   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 250058   | 44.631   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.377  | 75    | 175566   | 43.880   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.565  | 43    | 121980   | 43.953   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 8.359  | 117   | 225469   | 44.407   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.606  | 83    | 161236   | 41.795   | ug/l   | 91       |
| 40) Benzene                  | 8.606  | 78    | 506924   | 44.579   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112723\  
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 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 28 02:11:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 70871    | 46.501  | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 212413   | 45.658  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 215701   | 39.940  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 133092   | 44.619  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 121470   | 45.966  | ug/l   | 95       |
| 46) Dibromomethane            | 9.712  | 93   | 91917    | 45.950  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.888  | 83   | 207981   | 47.266  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 127770   | 45.909  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 42122    | 909.753 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 643661   | 230.208 | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 322802   | 45.360  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 204091   | 45.144  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 219138   | 47.445  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 127108   | 46.797  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 136087   | 49.045  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 218486   | 46.072  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 384679   | 246.081 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.200 | 43   | 478608   | 213.023 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 156275   | 48.058  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 127046   | 45.849  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.106 | 164  | 137045   | 52.400  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 345177   | 44.451  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 141048   | 46.806  | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.965 | 91   | 619899   | 44.862  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 463605   | 92.019  | ug/l   | 88       |
| 69) o-Xylene                  | 12.400 | 106  | 223074   | 46.982  | ug/l   | 88       |
| 70) Styrene                   | 12.412 | 104  | 336242   | 47.579  | ug/l   | 93       |
| 71) Bromoform                 | 12.576 | 173  | 103705   | 46.406  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 598079   | 45.561  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 172034   | 42.025  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 162114   | 41.262  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 228592   | 55.228  | ug/l   | 74       |
| 77) Bromobenzene              | 12.982 | 156  | 146710   | 44.328  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.041 | 91   | 656489   | 44.723  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 424270   | 44.501  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 512325   | 44.834  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 51641    | 42.153  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 434940   | 44.531  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 425811   | 46.467  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 511407   | 45.450  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 524460   | 45.242  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 483248   | 46.666  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 256008   | 42.934  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 252852   | 42.196  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 382427   | 44.122  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 85946    | 42.572  | ug/l   | 73       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 250057   | 43.823  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 37215    | 40.780  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 131285   | 39.559  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 73413    | 38.440  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 372664   | 38.724  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 125282   | 40.275  | ug/l   | 96       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

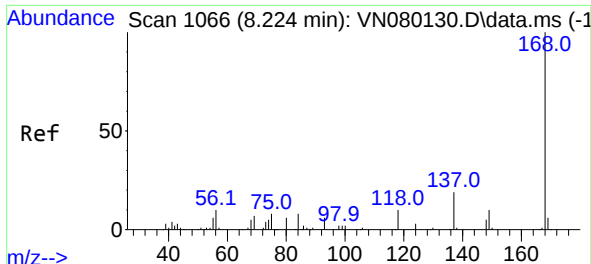
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 28 02:11:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration

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

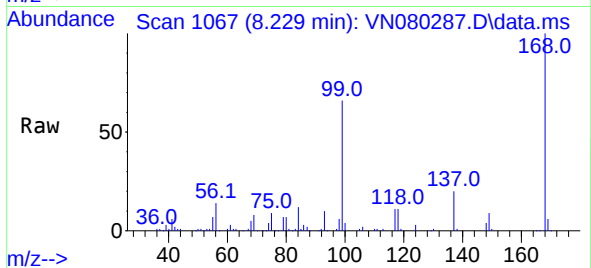
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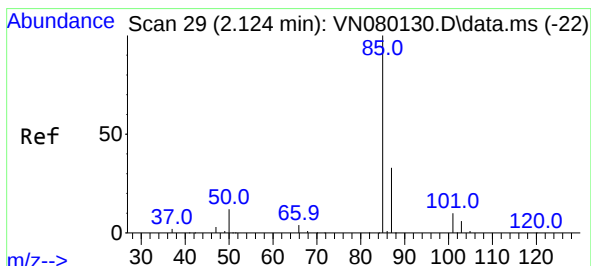
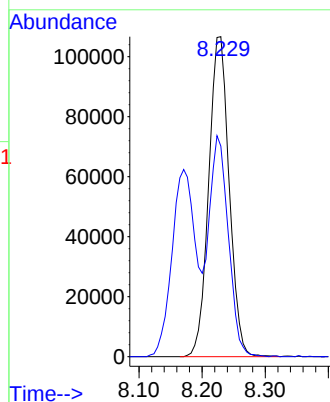
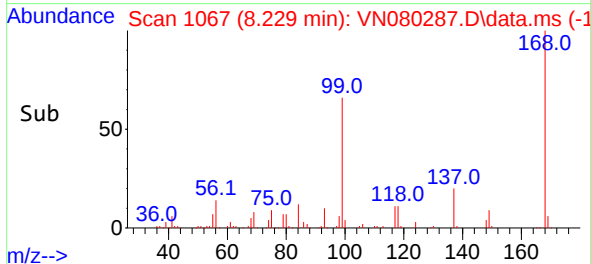


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. 0.005 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

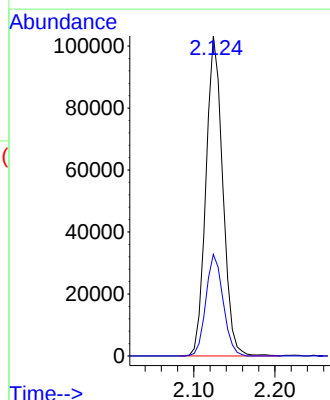
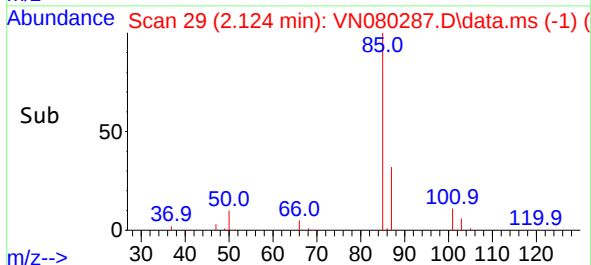
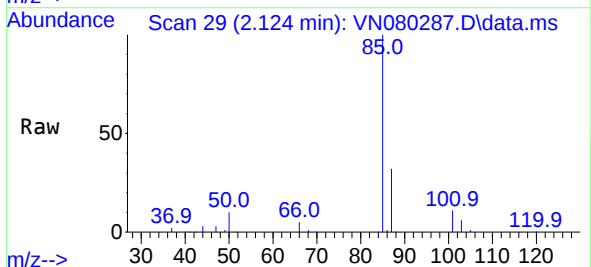


Tgt Ion:168 Resp: 239880  
Ion Ratio Lower Upper  
168 100  
99 65.8 53.0 79.6

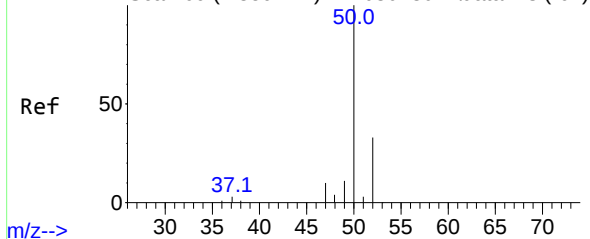


#2  
Dichlorodifluoromethane  
Concen: 41.450 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 85 Resp: 148107  
Ion Ratio Lower Upper  
85 100  
87 31.8 15.8 47.4



Abundance Scan 69 (2.359 min): VN080130.D\data.ms (-62)



#3

Chloromethane

Concen: 40.550 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

ClientSampleId :

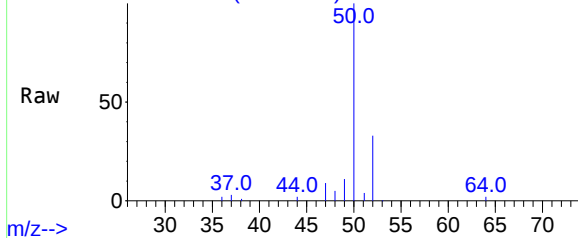
Tgt Ion: 50 Resp: 108936

Ion Ratio Lower Upper

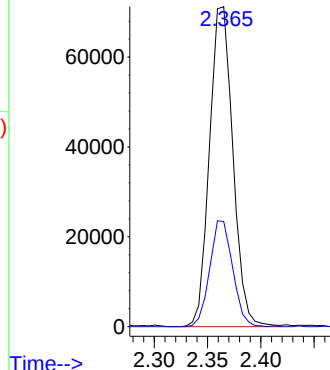
50 100

52 32.8 26.5 39.7

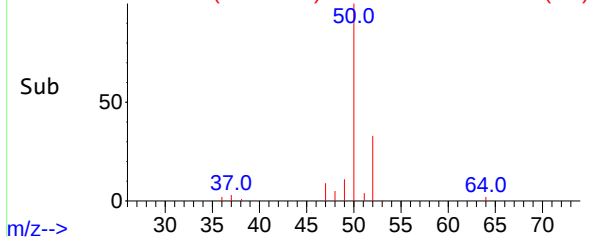
Abundance Scan 70 (2.365 min): VN080287.D\data.ms



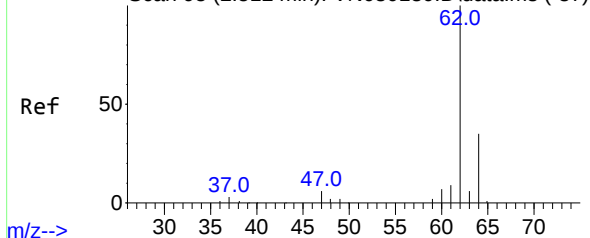
Abundance



Abundance Scan 70 (2.365 min): VN080287.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN080130.D\data.ms (-87)



#4

Vinyl Chloride

Concen: 43.009 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

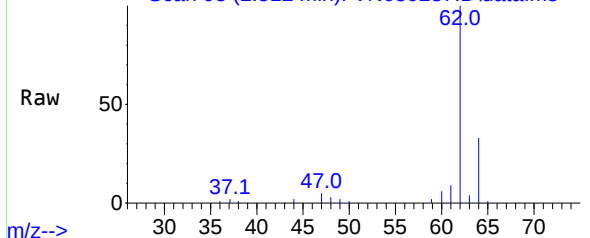
Tgt Ion: 62 Resp: 122272

Ion Ratio Lower Upper

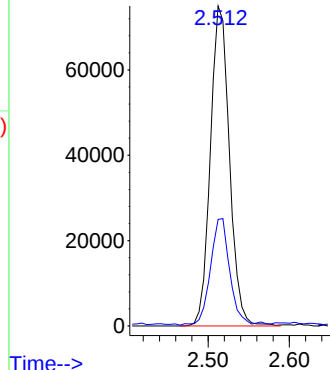
62 100

64 33.0 26.2 39.2

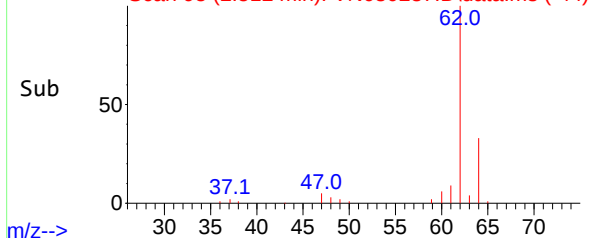
Abundance Scan 95 (2.512 min): VN080287.D\data.ms

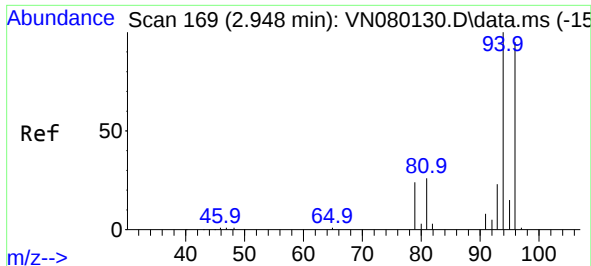


Abundance



Abundance Scan 95 (2.512 min): VN080287.D\data.ms (-44)

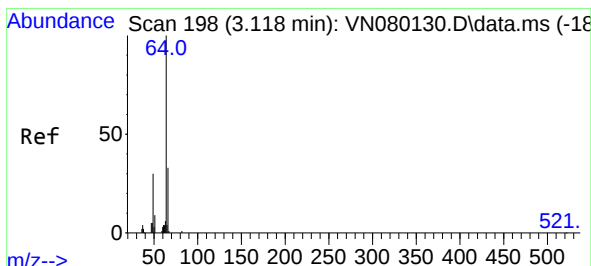
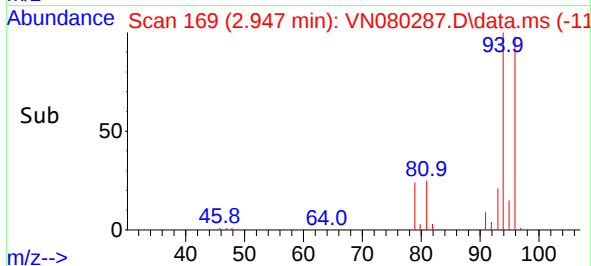
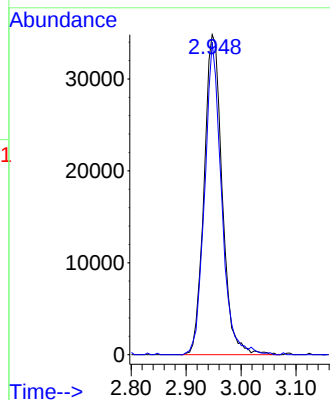
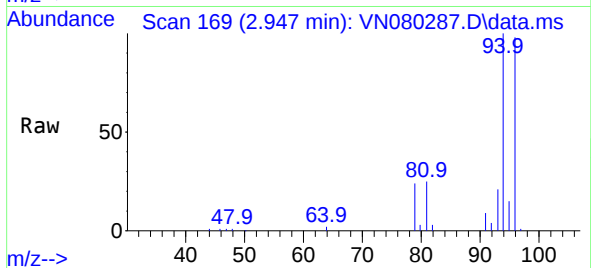




#5  
Bromomethane  
Concen: 41.222 ug/l  
RT: 2.947 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

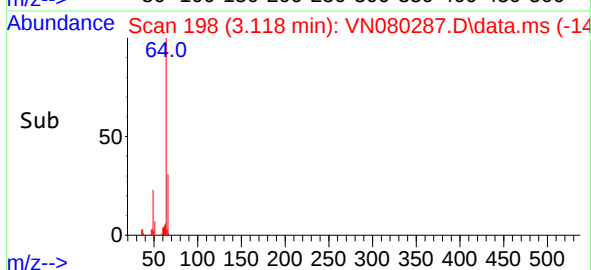
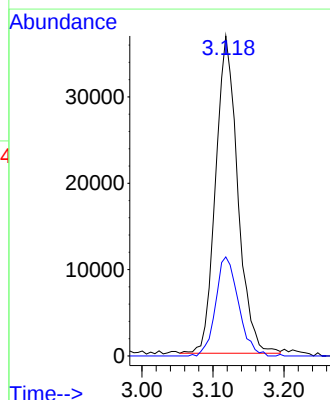
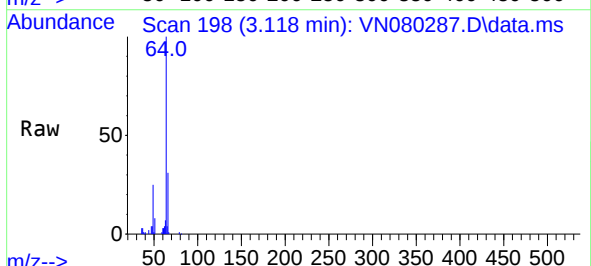
Instrument :  
MSVOA\_N  
ClientSampleId :

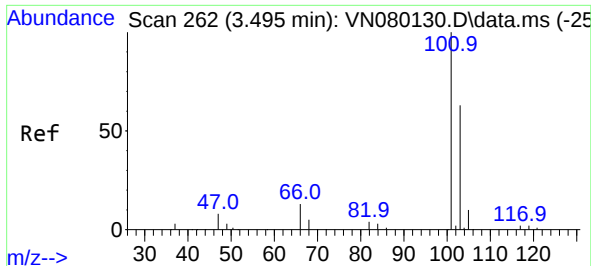
Tgt Ion: 94 Resp: 79558  
Ion Ratio Lower Upper  
94 100  
96 97.6 73.1 109.7



#6  
Chloroethane  
Concen: 44.887 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 64 Resp: 79337  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.4 38.2

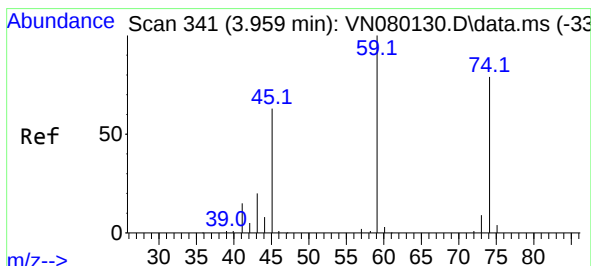
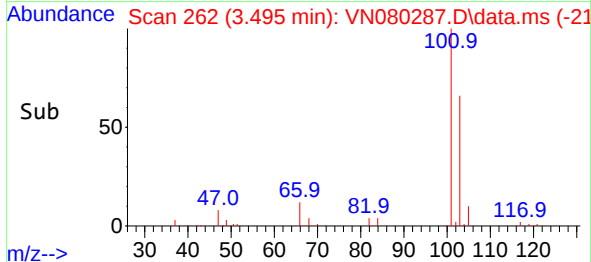
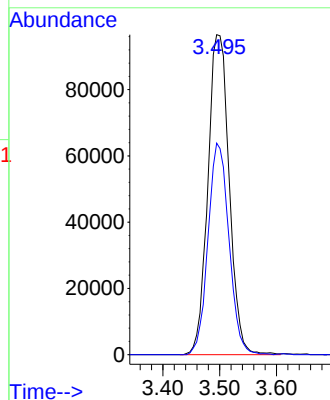
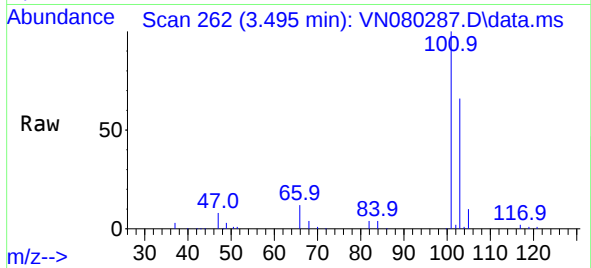




#7  
Trichlorofluoromethane  
Concen: 42.447 ug/l  
RT: 3.495 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

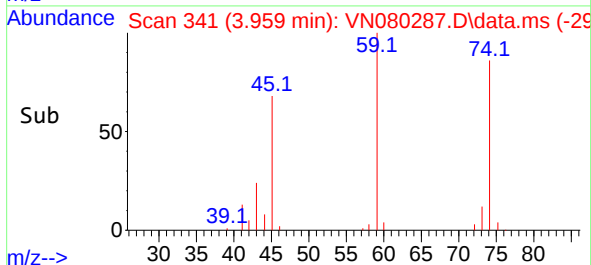
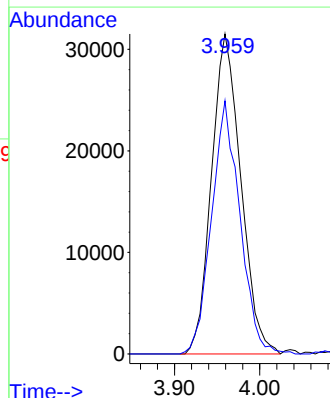
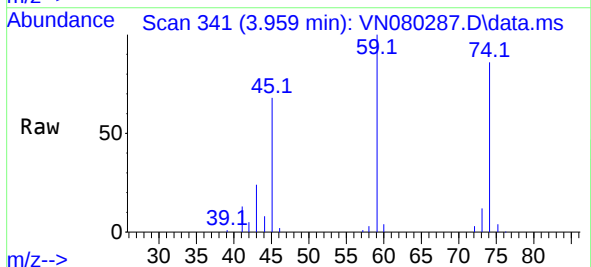
Instrument :  
MSVOA\_N  
ClientSampleId :

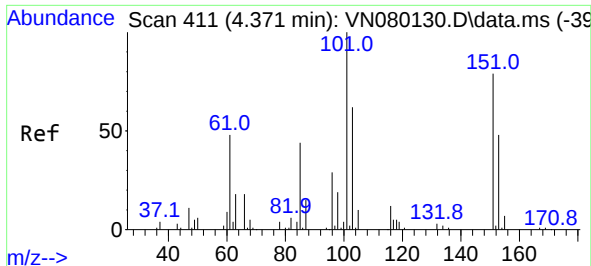
Tgt Ion:101 Resp: 251737  
Ion Ratio Lower Upper  
101 100  
103 66.1 50.7 76.1



#8  
Diethyl Ether  
Concen: 43.742 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 74 Resp: 75444  
Ion Ratio Lower Upper  
74 100  
45 76.6 34.4 103.3

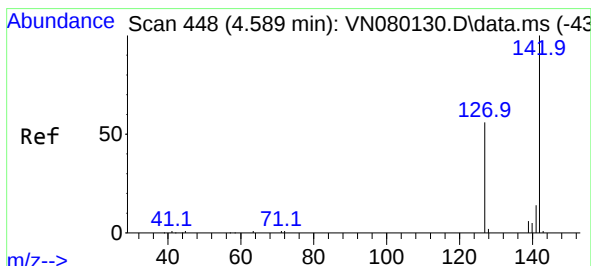
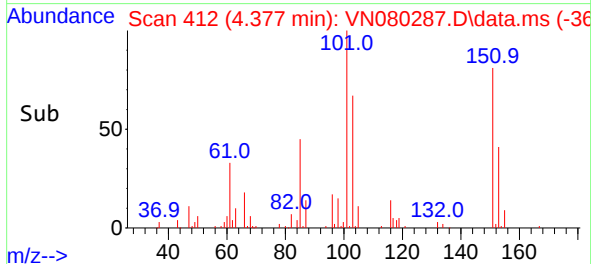
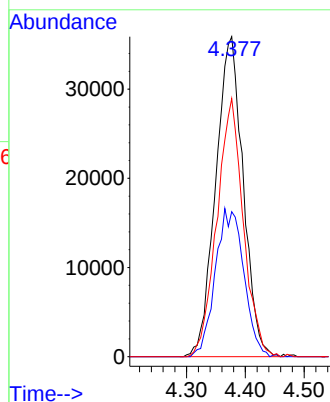
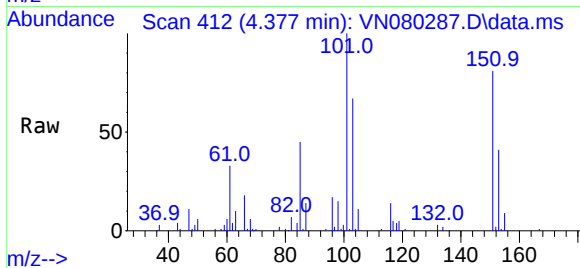




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 42.879 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

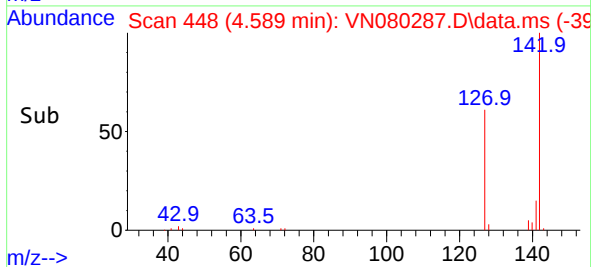
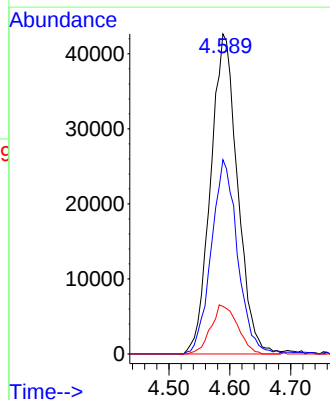
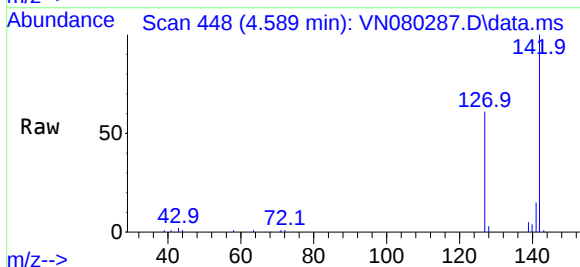
Instrument :  
MSVOA\_N  
ClientSampleId :

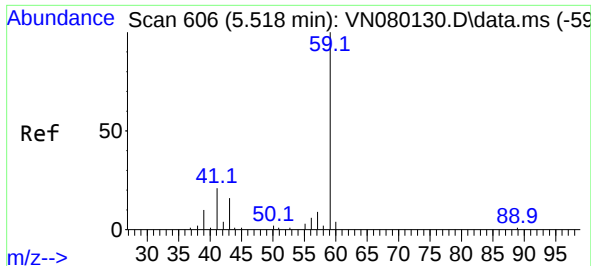
Tgt Ion:101 Resp: 116231  
Ion Ratio Lower Upper  
101 100  
85 48.1 36.6 55.0  
151 77.7 57.6 86.4



#10  
Methyl Iodide  
Concen: 44.821 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:142 Resp: 131301  
Ion Ratio Lower Upper  
142 100  
127 60.7 37.6 56.4#  
141 14.9 11.4 17.0

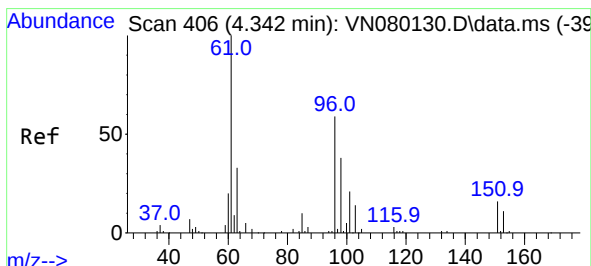
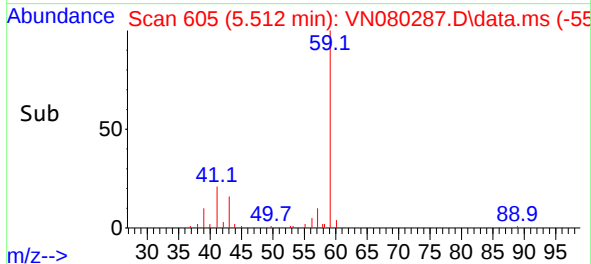
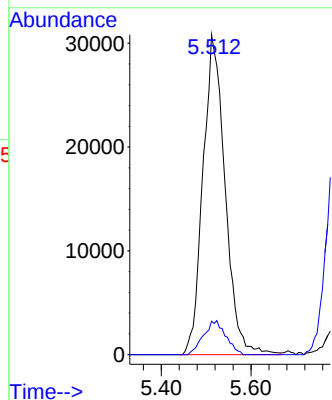
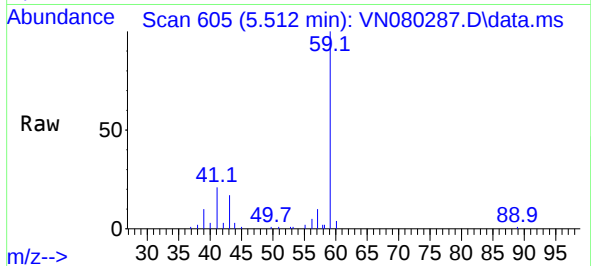




#11  
Tert butyl alcohol  
Concen: 242.492 ug/l  
RT: 5.512 min Scan# 606  
Delta R.T. -0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

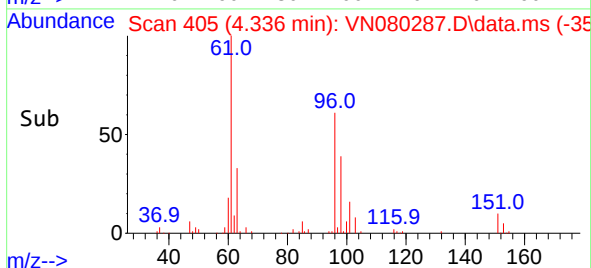
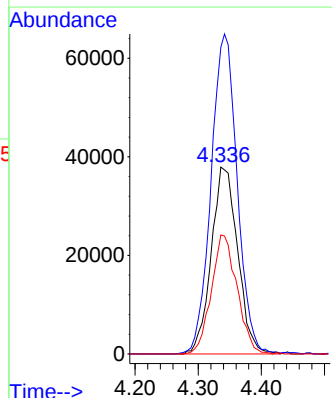
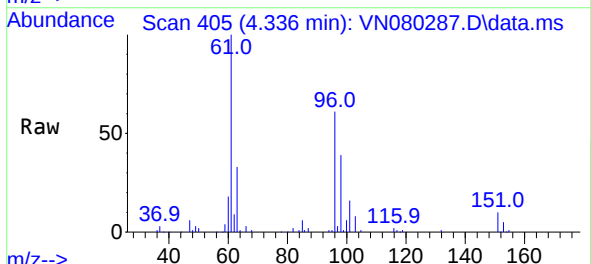
Instrument :  
MSVOA\_N  
ClientSampleId :

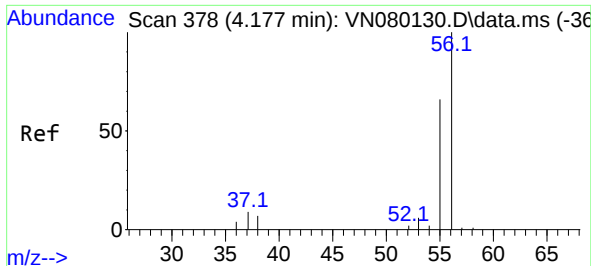
Tgt Ion: 59 Resp: 105621  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 43.552 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 96 Resp: 110419  
Ion Ratio Lower Upper  
96 100  
61 163.8 112.7 169.1  
98 63.7 51.2 76.8

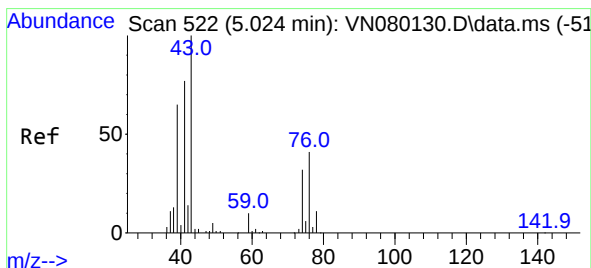
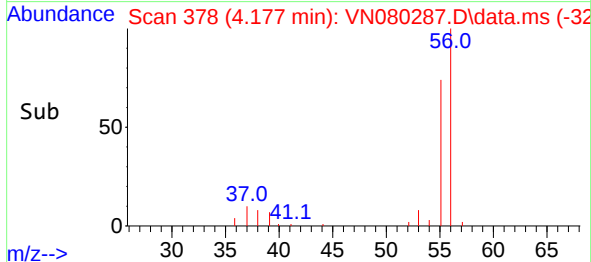
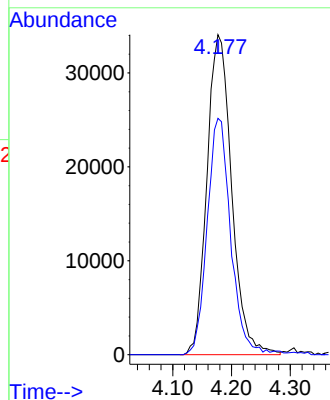
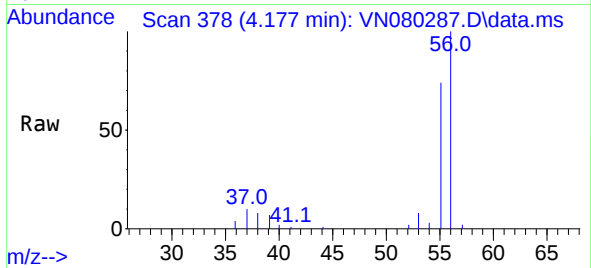




#13  
Acrolein  
Concen: 258.558 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

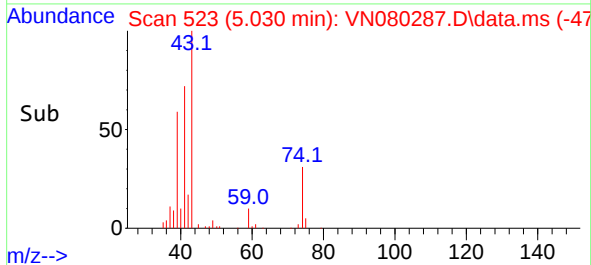
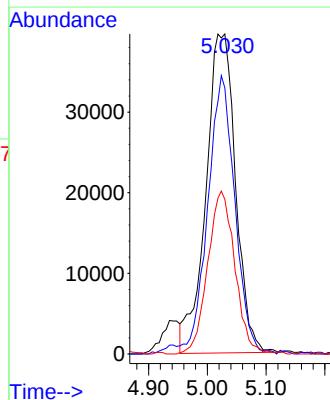
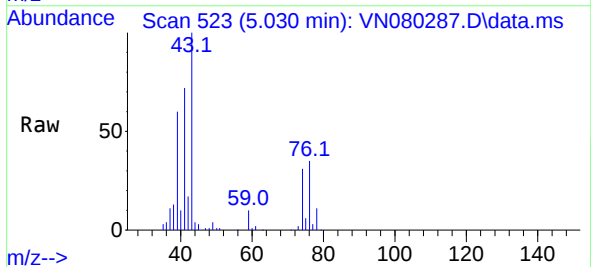
Instrument :  
MSVOA\_N  
ClientSampleId :

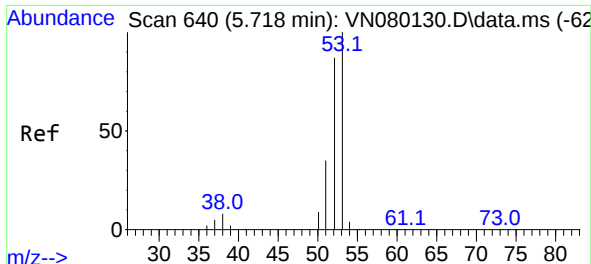
Tgt Ion: 56 Resp: 99666  
Ion Ratio Lower Upper  
56 100  
55 69.8 54.5 81.7



#14  
Allyl chloride  
Concen: 43.637 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

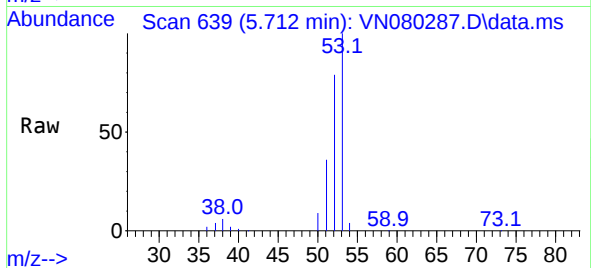
Tgt Ion: 41 Resp: 139194  
Ion Ratio Lower Upper  
41 100  
39 79.2 58.8 88.2  
76 46.6 39.1 58.7



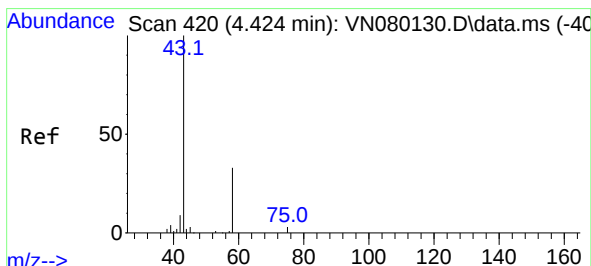
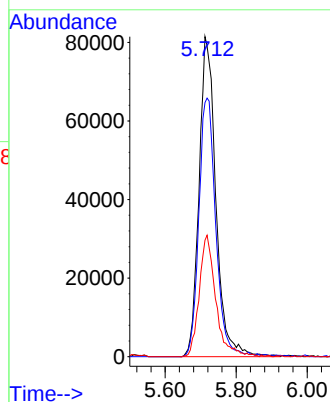
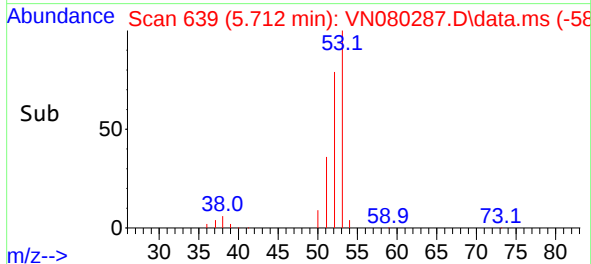


#15  
Acrylonitrile  
Concen: 229.337 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

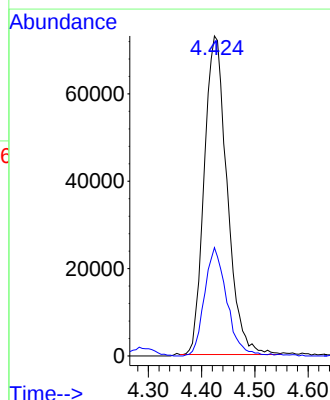
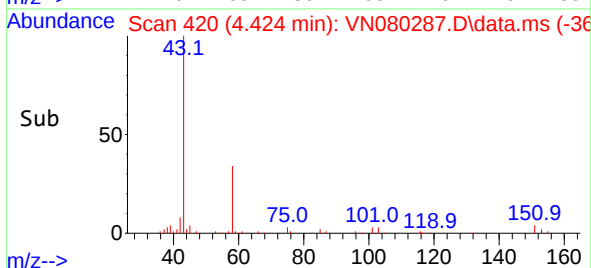
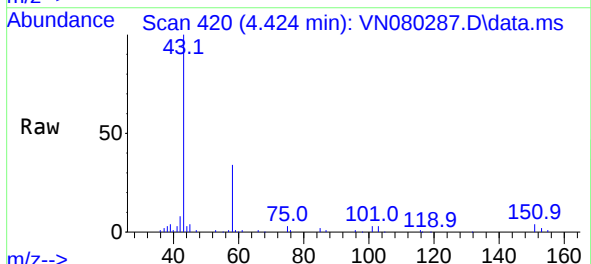


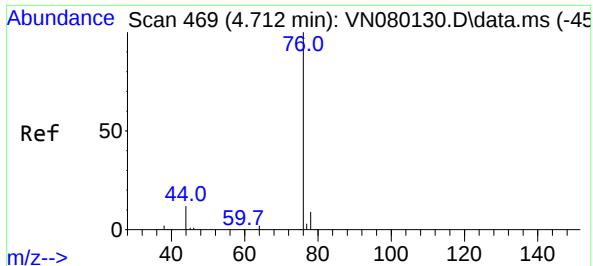
Tgt Ion: 53 Resp: 268161  
Ion Ratio Lower Upper  
53 100  
52 81.1 65.3 97.9  
51 37.4 28.9 43.3



#16  
Acetone  
Concen: 163.889 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 43 Resp: 218027  
Ion Ratio Lower Upper  
43 100  
58 34.0 28.0 42.0

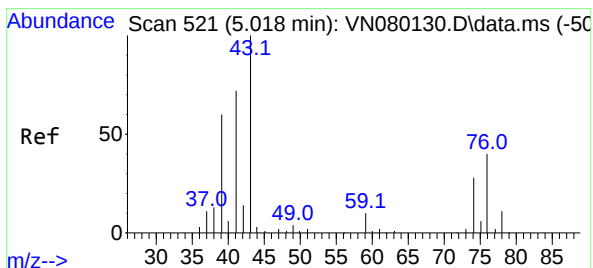
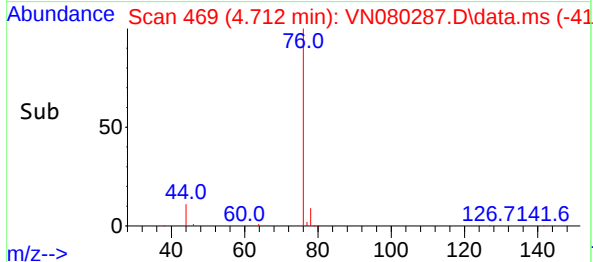
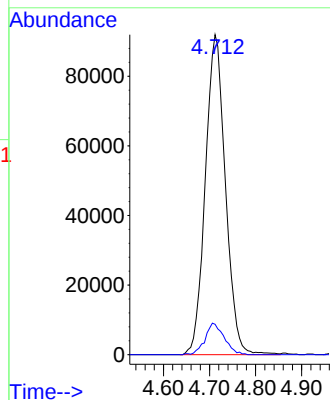
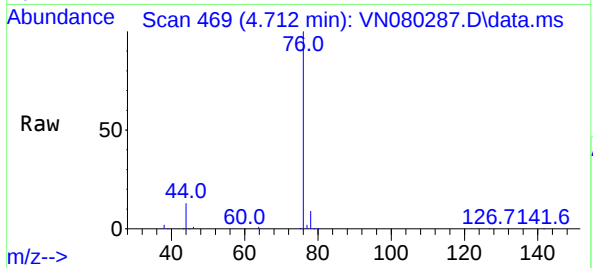




#17  
Carbon Disulfide  
Concen: 36.900 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

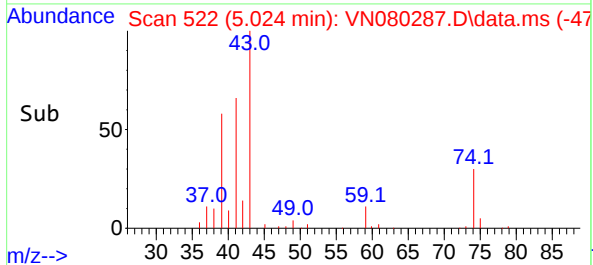
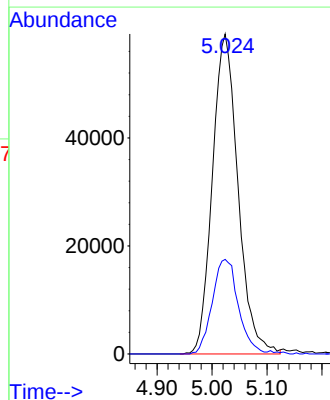
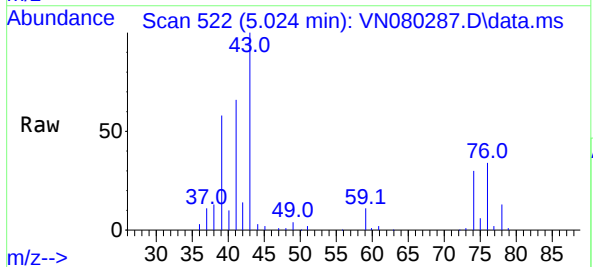
Instrument :  
MSVOA\_N  
ClientSampleId :

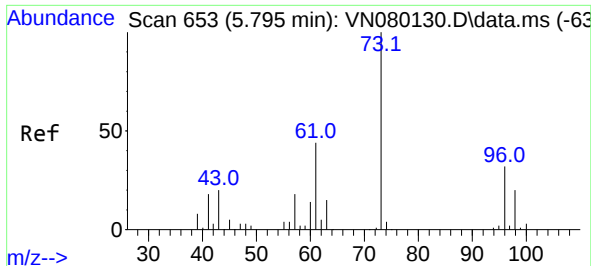
Tgt Ion: 76 Resp: 279347  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 44.890 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 43 Resp: 191877  
Ion Ratio Lower Upper  
43 100  
74 30.0 26.2 39.4

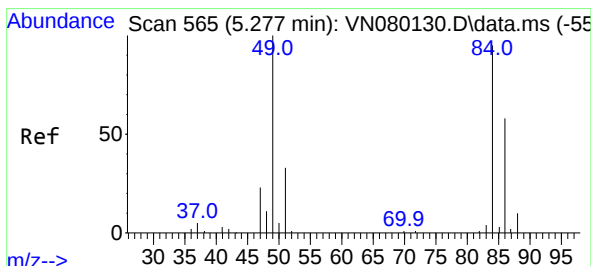
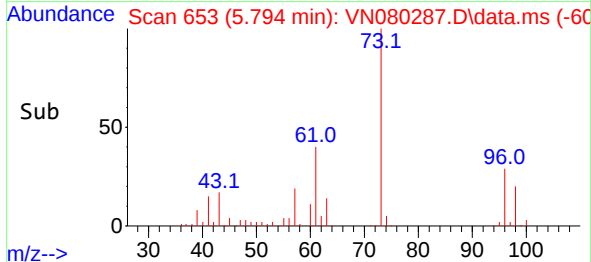
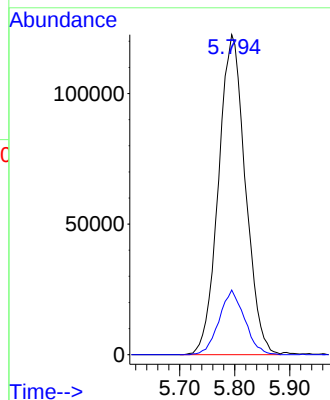
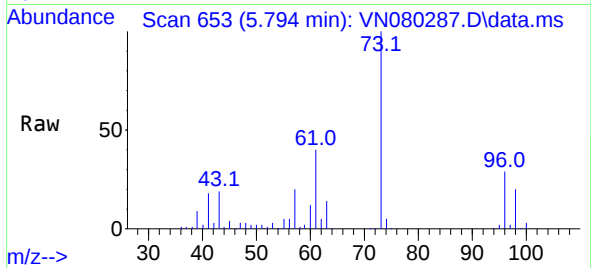




#19  
Methyl tert-butyl Ether  
Concen: 46.469 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

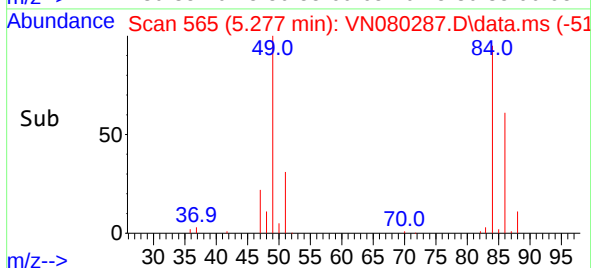
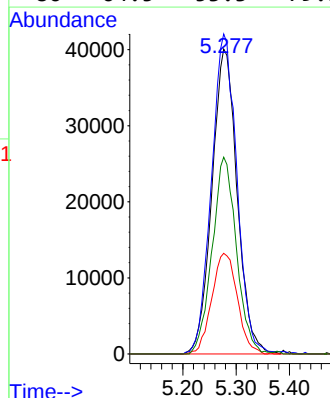
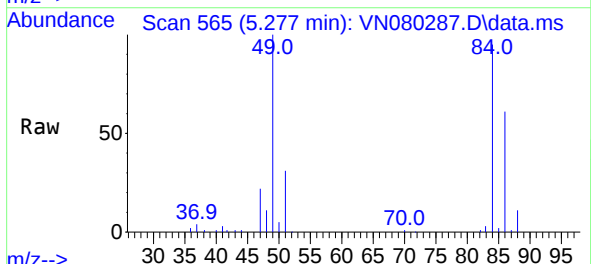
Instrument :  
MSVOA\_N  
ClientSampleId :

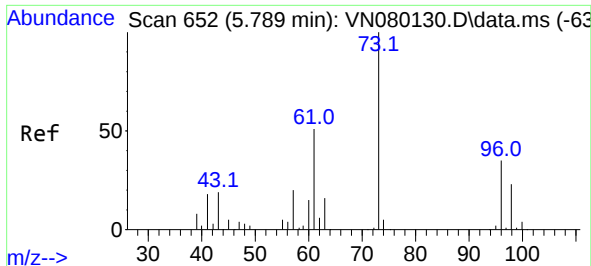
Tgt Ion: 73 Resp: 416067  
Ion Ratio Lower Upper  
73 100  
57 20.2 15.6 23.4



#20  
Methylene Chloride  
Concen: 47.220 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

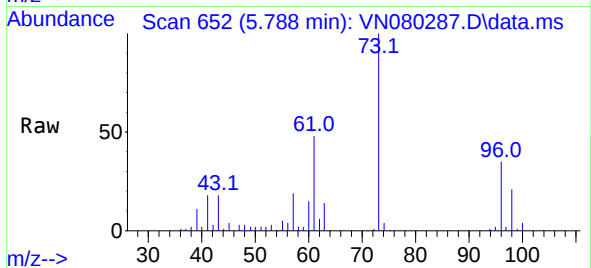
Tgt Ion: 84 Resp: 131550  
Ion Ratio Lower Upper  
84 100  
49 104.9 79.7 119.5  
51 33.0 25.2 37.8  
86 64.5 53.3 79.9



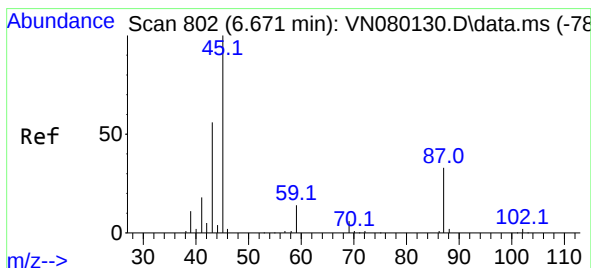
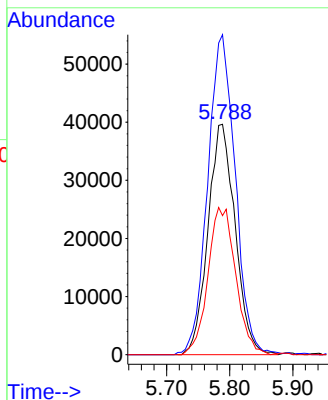
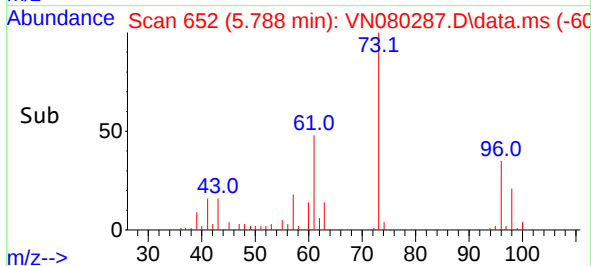


#21  
trans-1,2-Dichloroethene  
Concen: 42.574 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

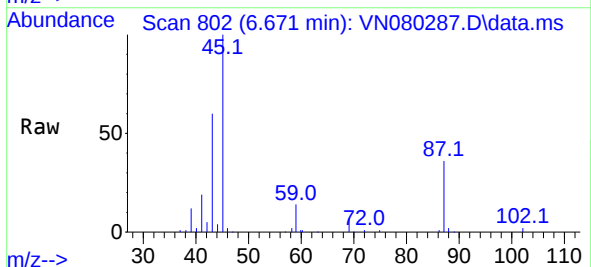
Instrument :  
MSVOA\_N  
ClientSampleId :



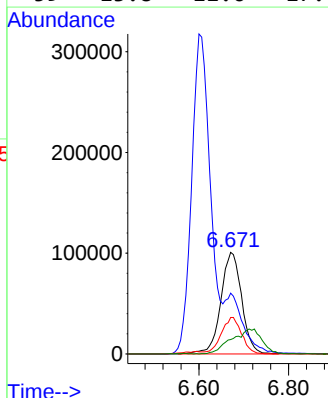
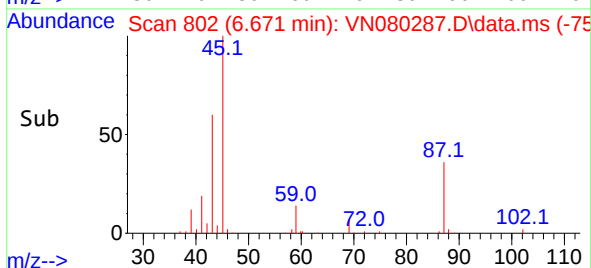
Tgt Ion: 96 Resp: 118581  
Ion Ratio Lower Upper  
96 100  
61 138.0 90.1 135.1#  
98 60.3 46.4 69.6

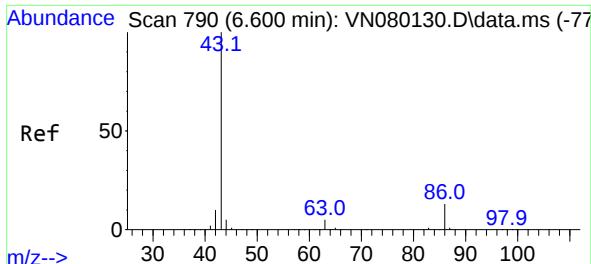


#22  
Diisopropyl ether  
Concen: 46.249 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57



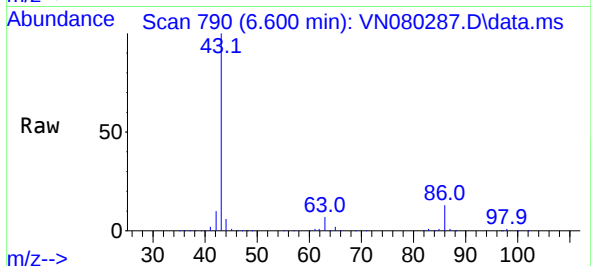
Tgt Ion: 45 Resp: 326397  
Ion Ratio Lower Upper  
45 100  
43 58.7 45.5 68.3  
87 36.0 31.8 47.8  
59 13.8 11.6 17.4



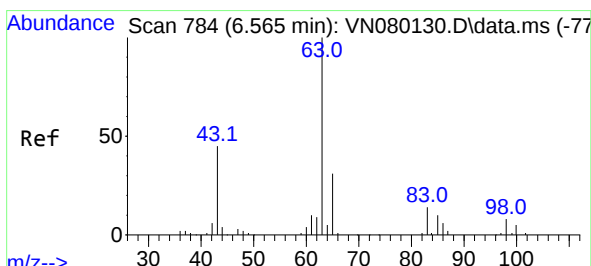
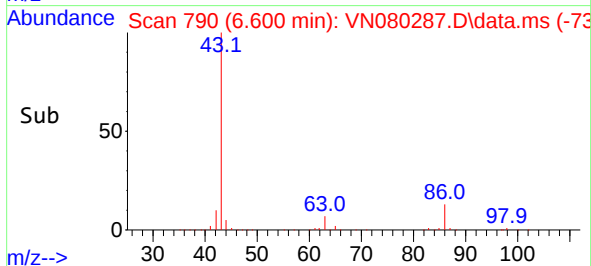
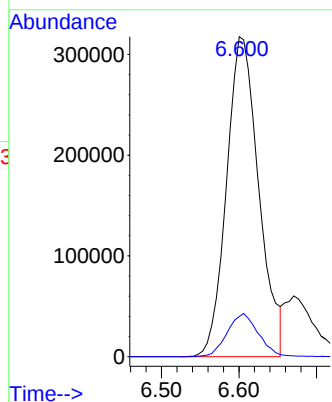


#23  
 Vinyl Acetate  
 Concen: 216.812 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :

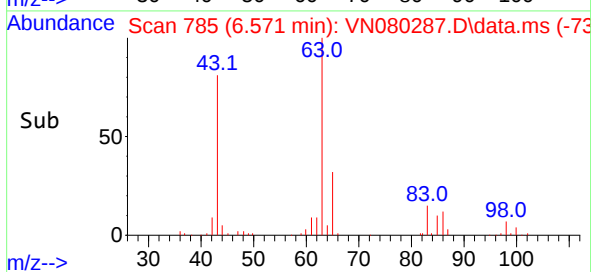
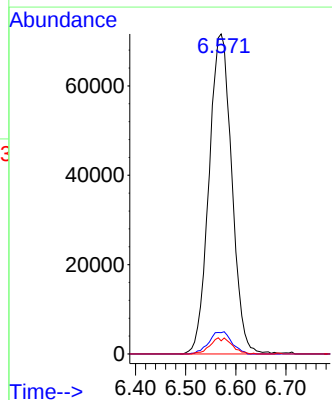
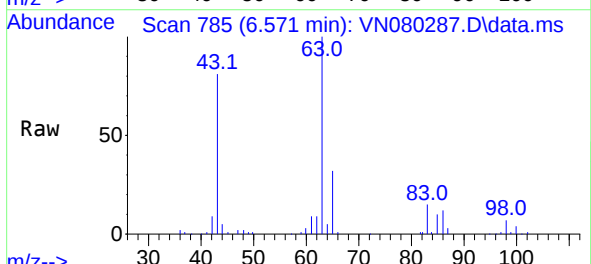


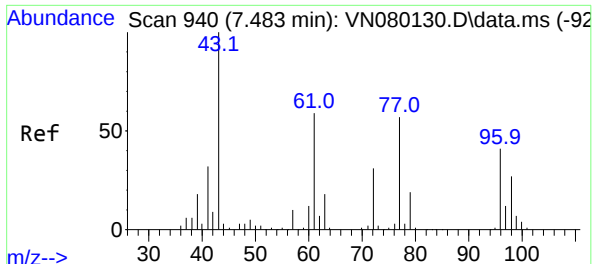
Tgt Ion: 43 Resp: 919894  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 13.0 19.6#



#24  
 1,1-Dichloroethane  
 Concen: 44.046 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. 0.006 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

Tgt Ion: 63 Resp: 226402  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.9 11.7  
 100 4.1 2.5 7.4





#25

2-Butanone

Concen: 196.859 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

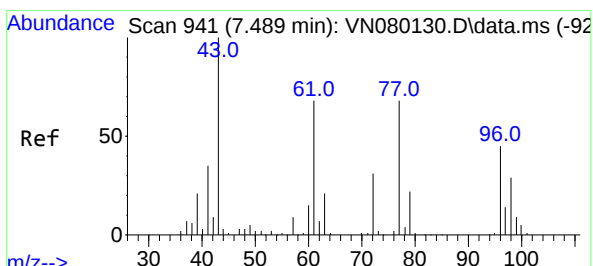
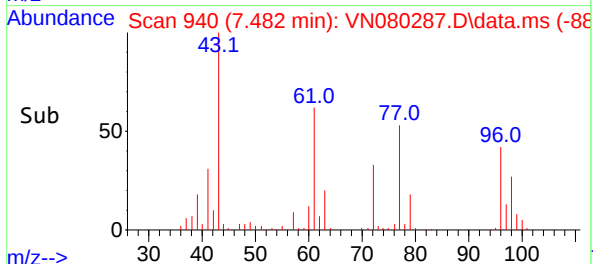
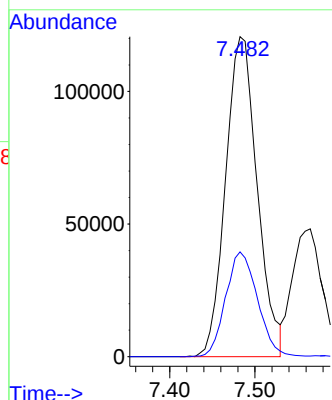
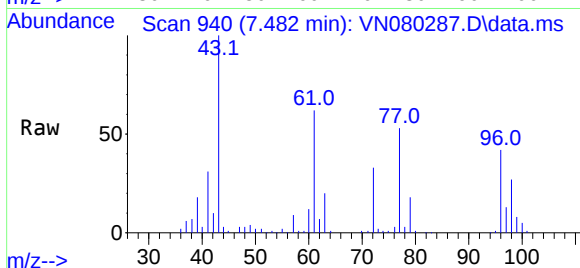
ClientSampleId :

Tgt Ion: 43 Resp: 311155

Ion Ratio Lower Upper

43 100

72 32.7 30.2 45.2



#26

2,2-Dichloropropane

Concen: 40.518 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN080287.D

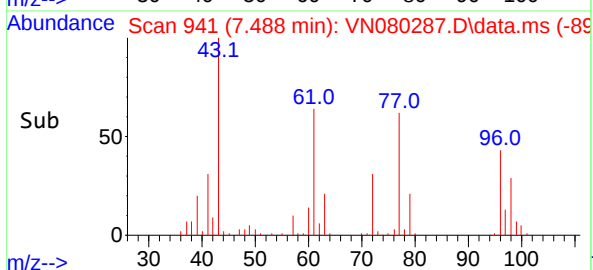
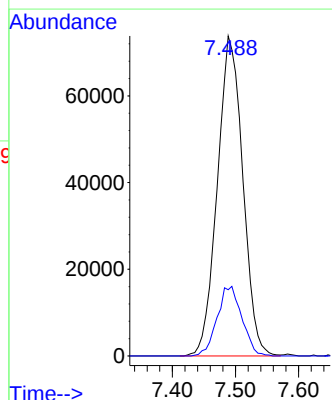
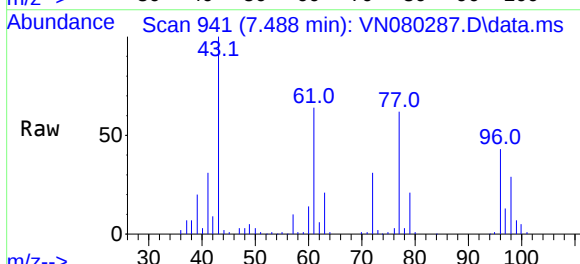
Acq: 27 Nov 2023 19:57

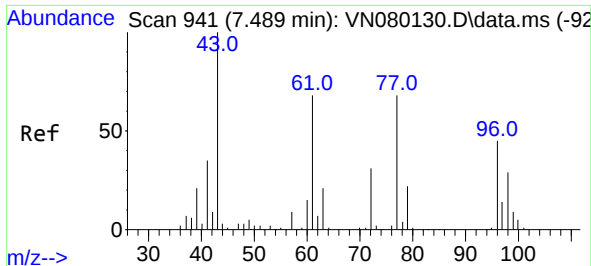
Tgt Ion: 77 Resp: 206630

Ion Ratio Lower Upper

77 100

97 21.2 11.2 33.6

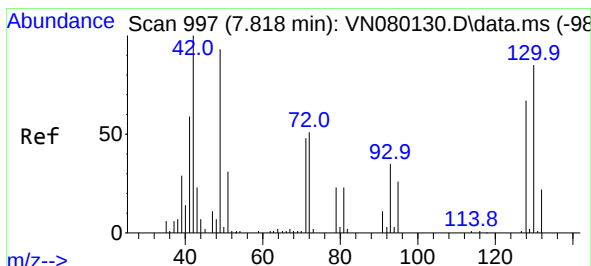
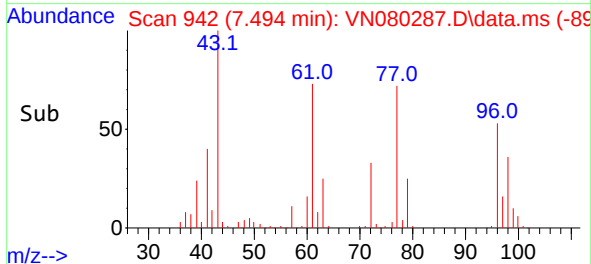
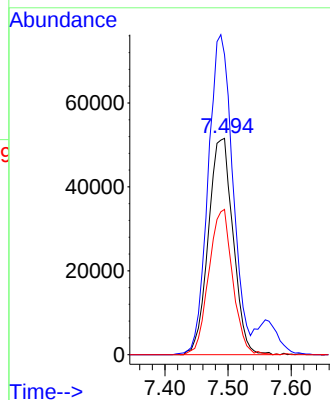
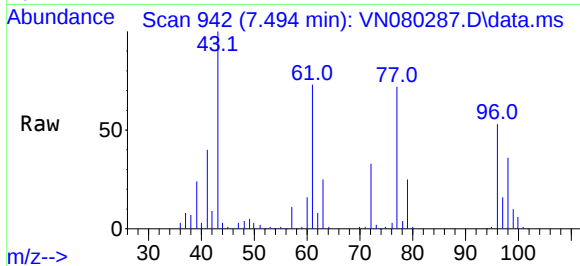




#27  
 cis-1,2-Dichloroethene  
 Concen: 44.426 ug/l  
 RT: 7.494 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

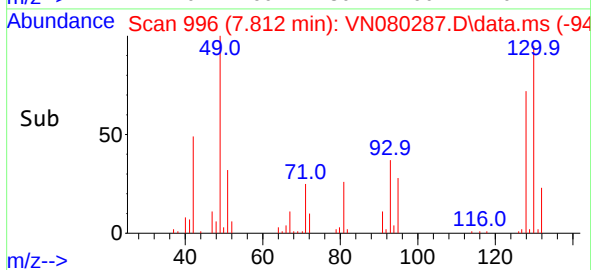
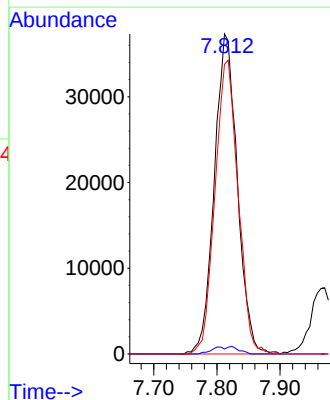
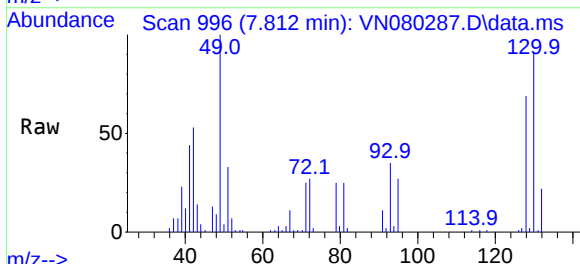
Instrument :  
 MSVOA\_N  
 ClientSampleId :

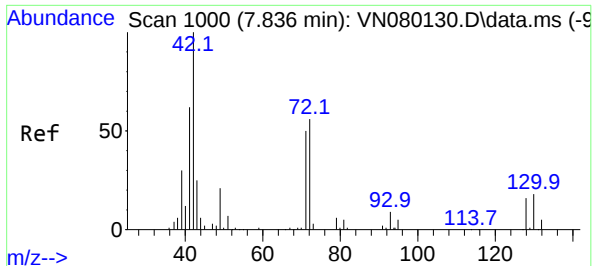
Tgt Ion: 96 Resp: 140292  
 Ion Ratio Lower Upper  
 96 100  
 61 147.1 0.0 255.2  
 98 64.7 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 46.722 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. -0.006 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

Tgt Ion: 49 Resp: 94415  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 4.8  
 130 92.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 231.340 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

ClientSampleId :

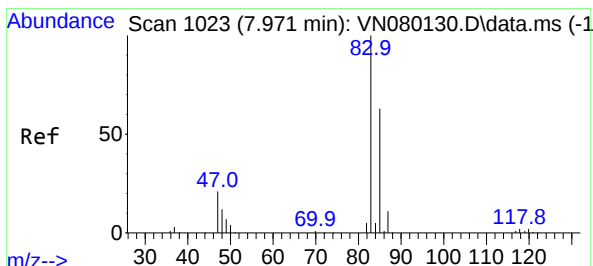
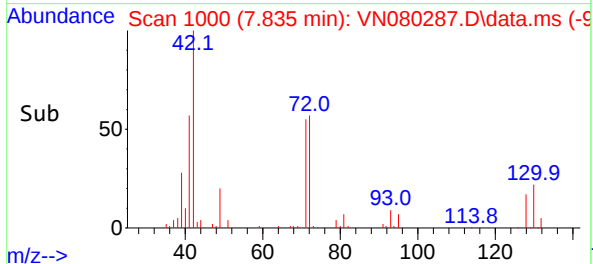
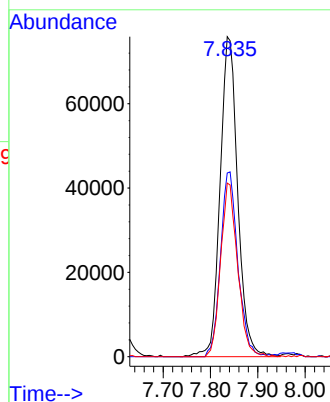
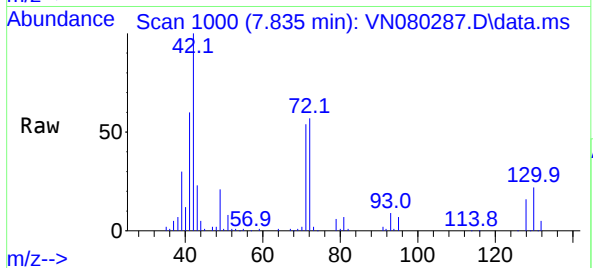
Tgt Ion: 42 Resp: 196311

Ion Ratio Lower Upper

42 100

72 56.9 49.8 74.6

71 52.1 47.4 71.2



#30

Chloroform

Concen: 45.169 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080287.D

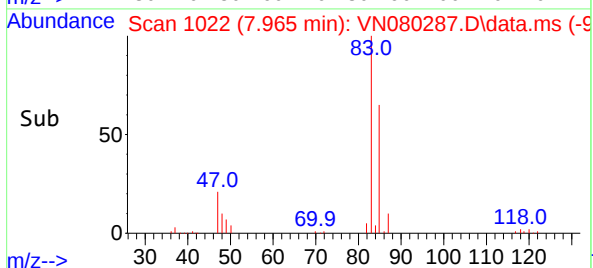
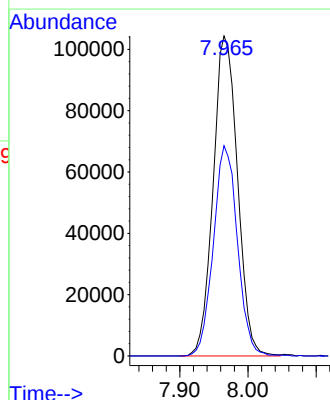
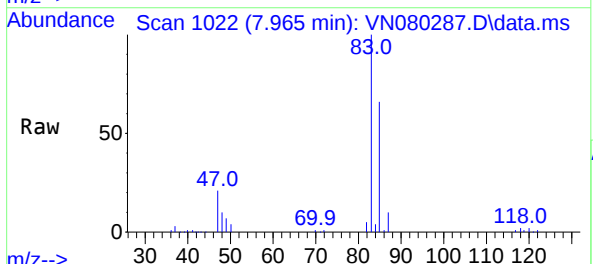
Acq: 27 Nov 2023 19:57

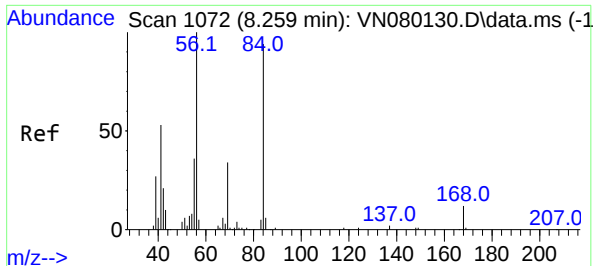
Tgt Ion: 83 Resp: 259505

Ion Ratio Lower Upper

83 100

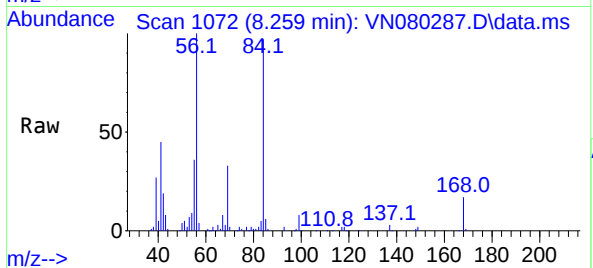
85 65.7 55.4 83.0



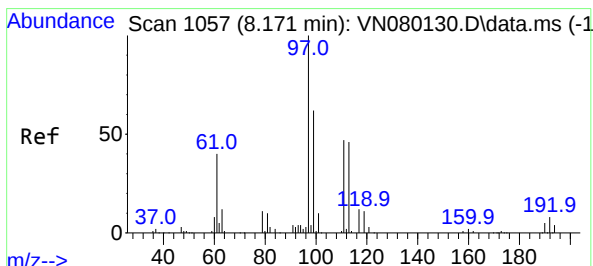
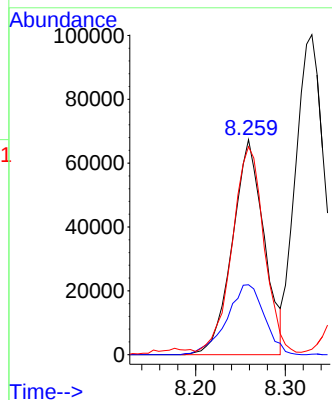
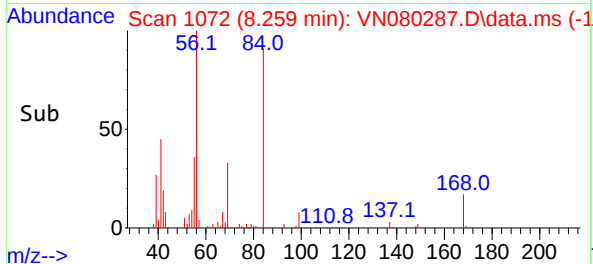


#31  
Cyclohexane  
Concen: 38.309 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

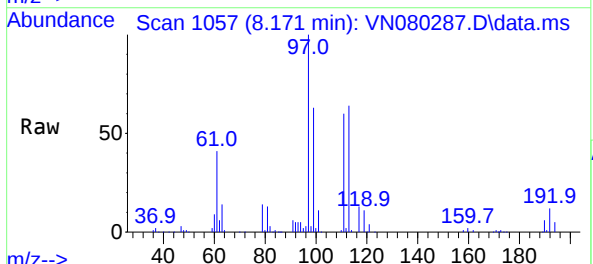
Instrument :  
MSVOA\_N  
ClientSampleId :



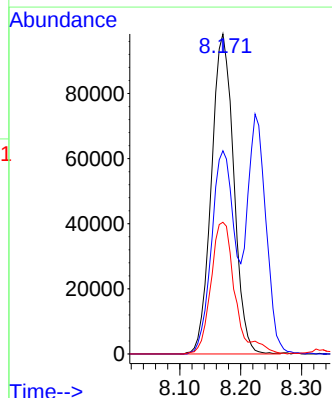
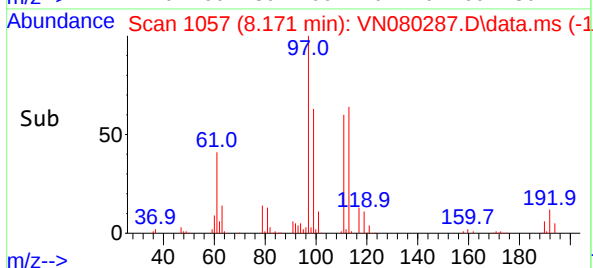
Tgt Ion: 56 Resp: 165013  
Ion Ratio Lower Upper  
56 100  
69 32.5 26.8 40.2  
84 94.4 81.8 122.6

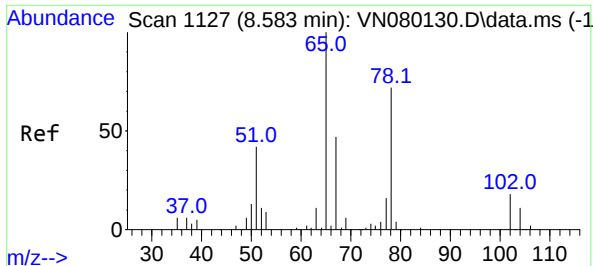


#32  
1,1,1-Trichloroethane  
Concen: 44.631 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57



Tgt Ion: 97 Resp: 250058  
Ion Ratio Lower Upper  
97 100  
99 65.8 50.3 75.5  
61 44.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.045 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

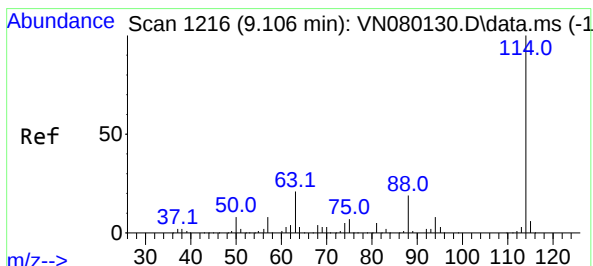
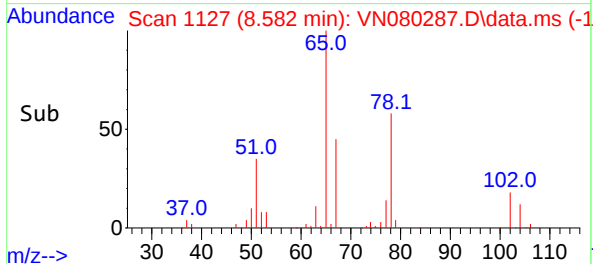
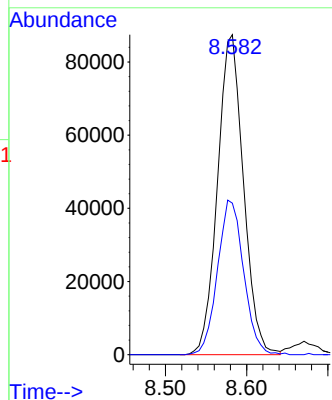
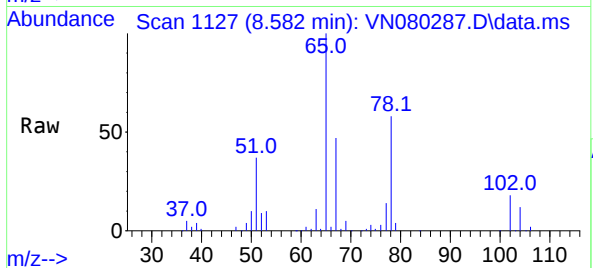
ClientSampleId :

Tgt Ion: 65 Resp: 194256

Ion Ratio Lower Upper

65 100

67 48.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

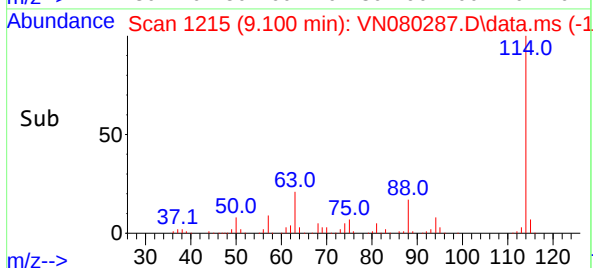
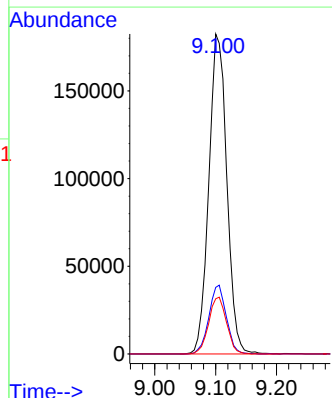
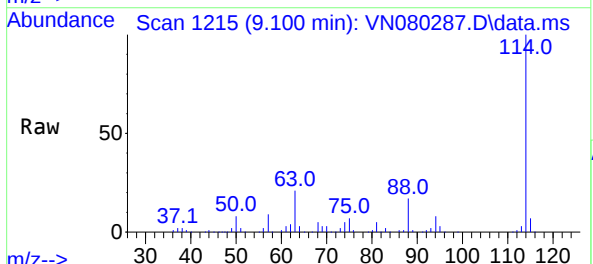
Tgt Ion: 114 Resp: 374526

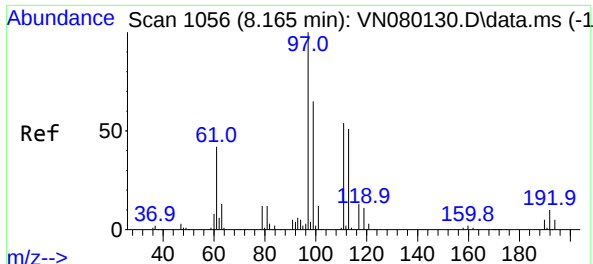
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

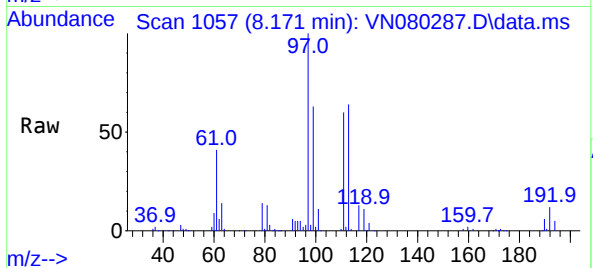
88 17.2 0.0 30.6



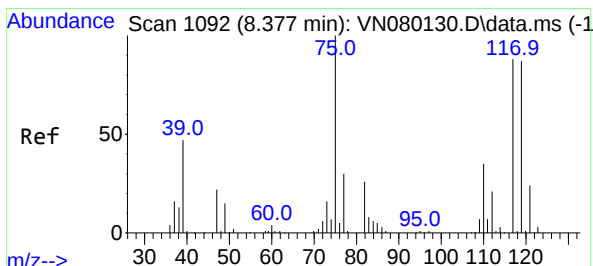
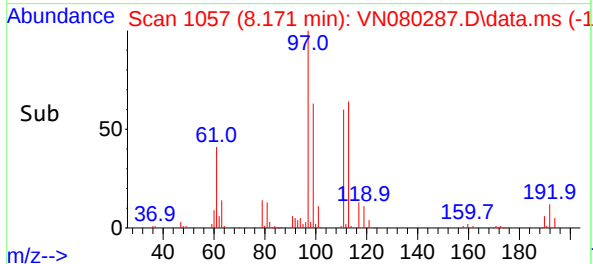
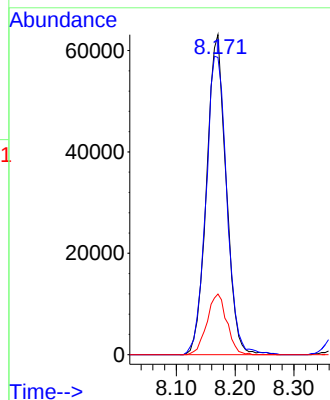


#35  
Dibromofluoromethane  
Concen: 52.749 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

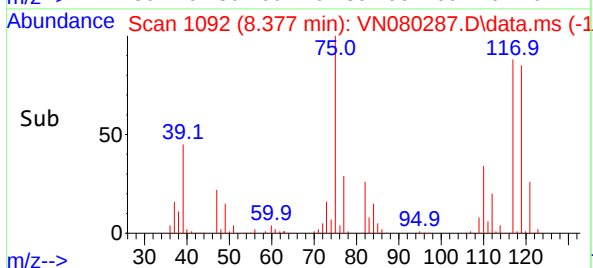
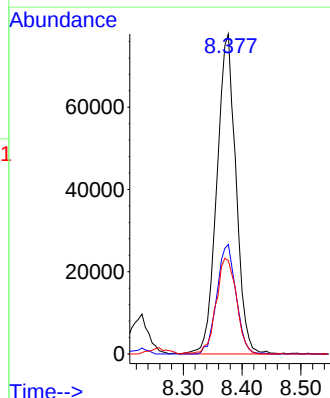
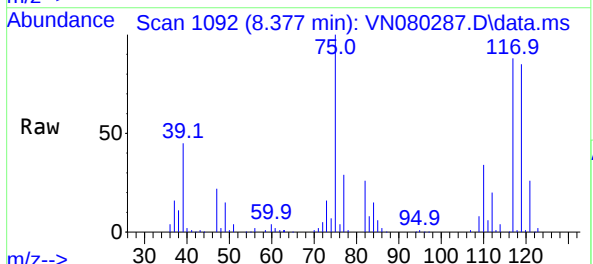


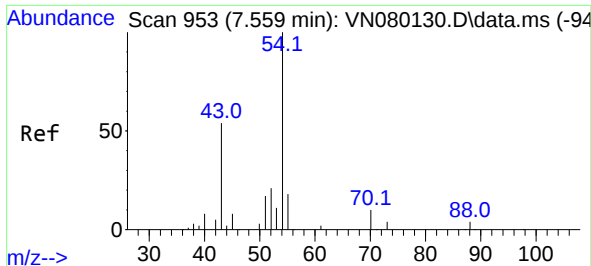
Tgt Ion:113 Resp: 145771  
Ion Ratio Lower Upper  
113 100  
111 99.8 82.6 123.8  
192 19.3 12.7 19.1#



#36  
1,1-Dichloropropene  
Concen: 43.880 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 75 Resp: 175566  
Ion Ratio Lower Upper  
75 100  
110 34.2 19.1 57.3  
77 31.9 25.0 37.4





#37

Ethyl Acetate

Concen: 43.953 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

ClientSampleId :

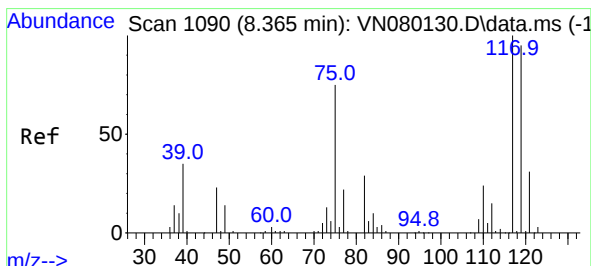
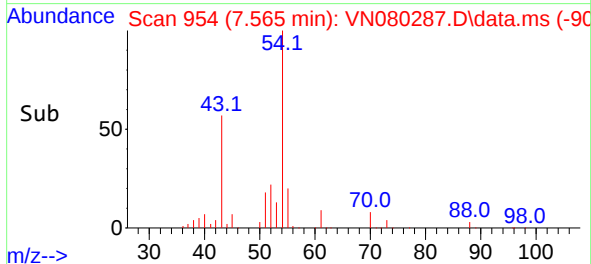
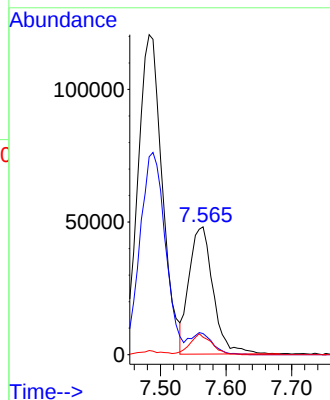
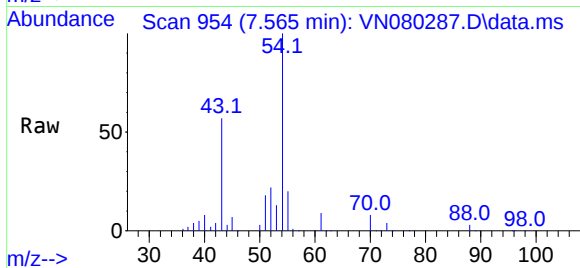
Tgt Ion: 43 Resp: 121980

Ion Ratio Lower Upper

43 100

61 13.0 13.2 19.8#

70 14.8 11.3 16.9



#38

Carbon Tetrachloride

Concen: 44.407 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

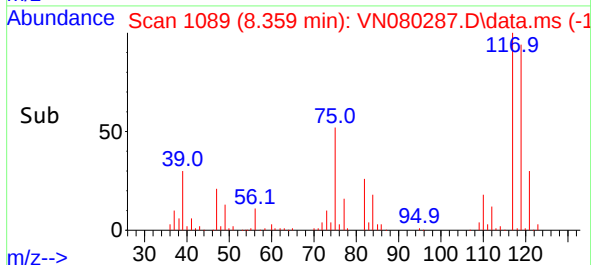
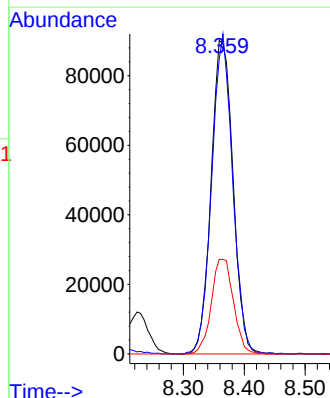
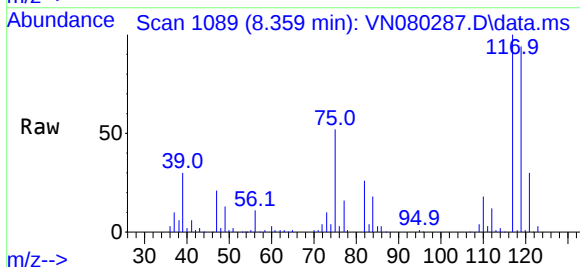
Tgt Ion:117 Resp: 225469

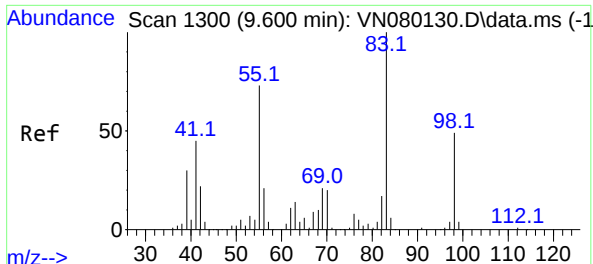
Ion Ratio Lower Upper

117 100

119 94.1 77.3 115.9

121 30.2 23.3 34.9

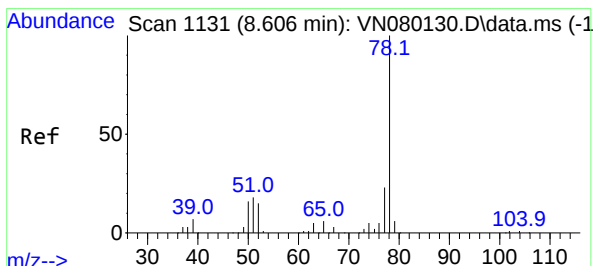
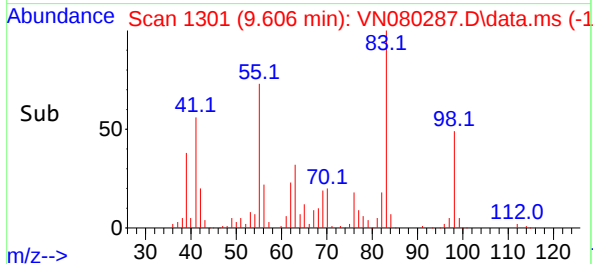
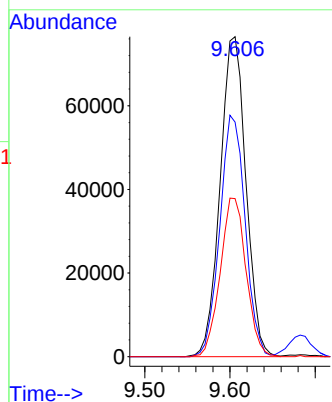
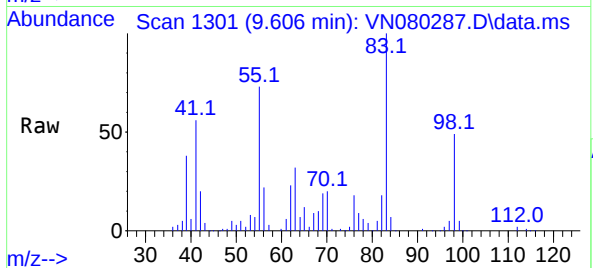




#39  
Methylcyclohexane  
Concen: 41.795 ug/l  
RT: 9.606 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

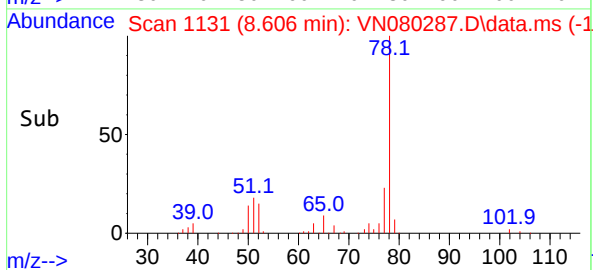
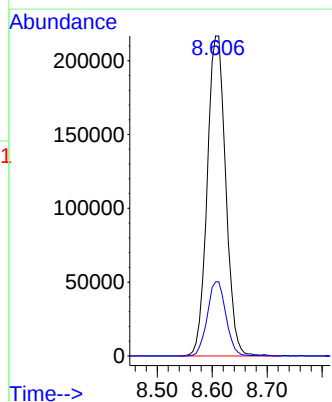
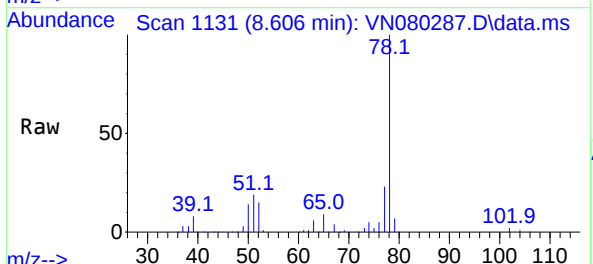
Instrument :  
MSVOA\_N  
ClientSampleId :

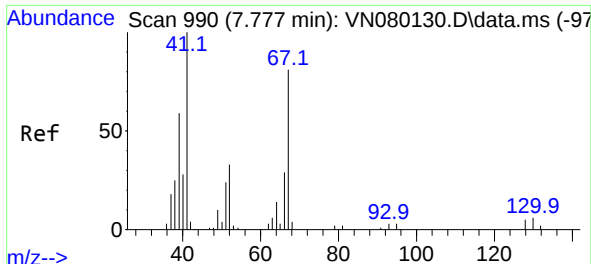
Tgt Ion: 83 Resp: 161236  
Ion Ratio Lower Upper  
83 100  
55 73.3 49.1 73.7  
98 49.4 40.6 61.0



#40  
Benzene  
Concen: 44.579 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 78 Resp: 506924  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6



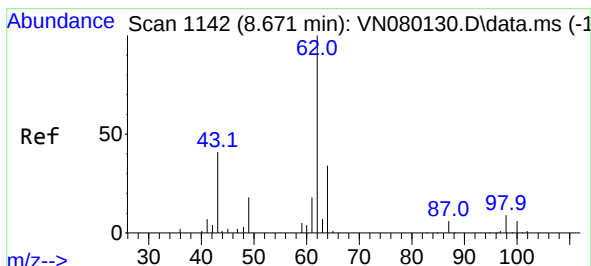
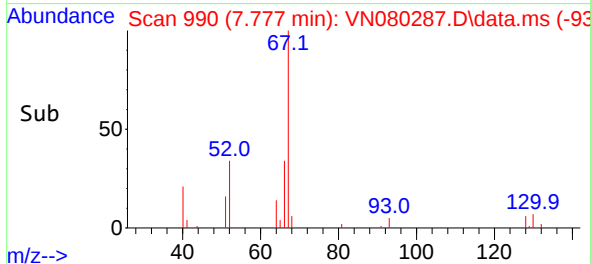
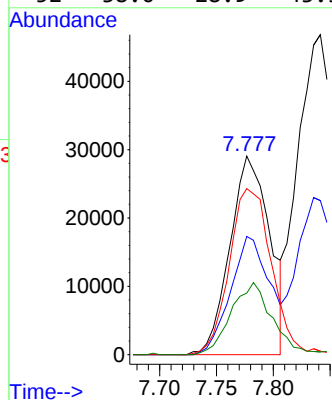
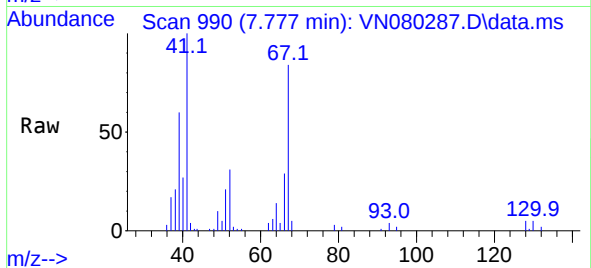


#41  
Methacrylonitrile  
Concen: 46.501 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 70871

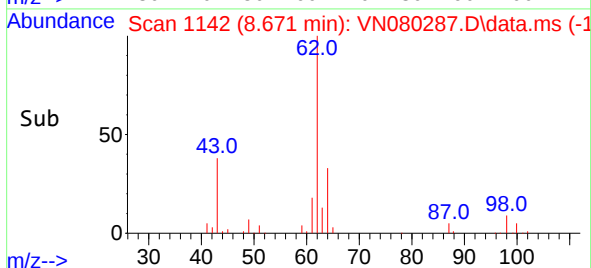
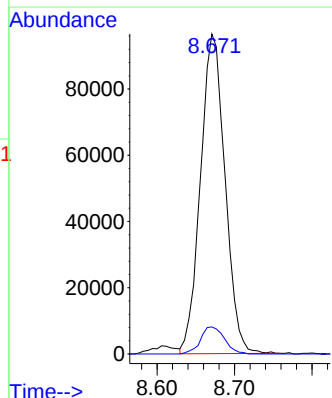
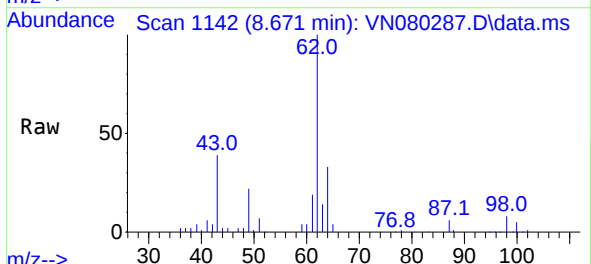
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.3  | 42.6  | 64.0  |
| 67  | 88.8  | 77.5  | 116.3 |
| 52  | 38.0  | 28.9  | 43.3  |

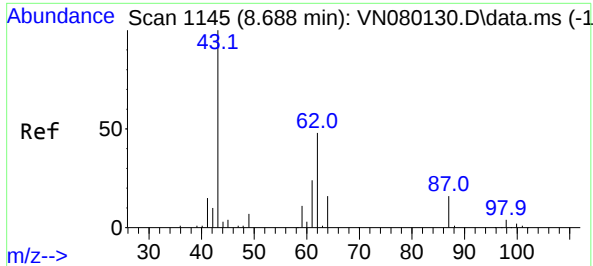


#42  
1,2-Dichloroethane  
Concen: 45.658 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 62 Resp: 212413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.2   | 0.0   | 19.8  |

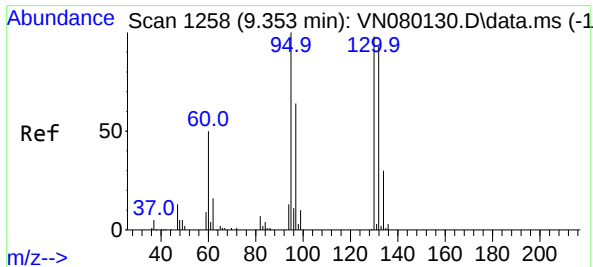
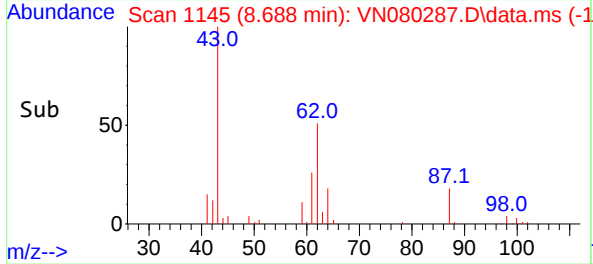
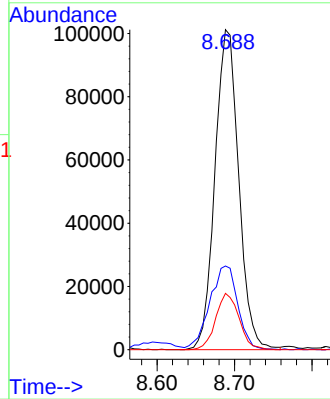
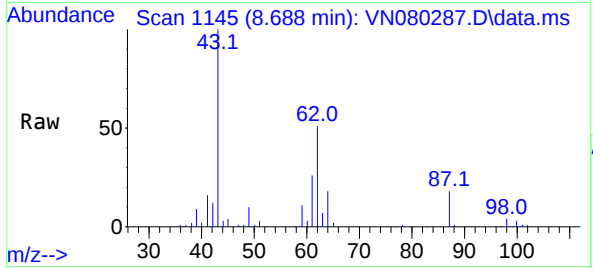




#43  
Isopropyl Acetate  
Concen: 39.940 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

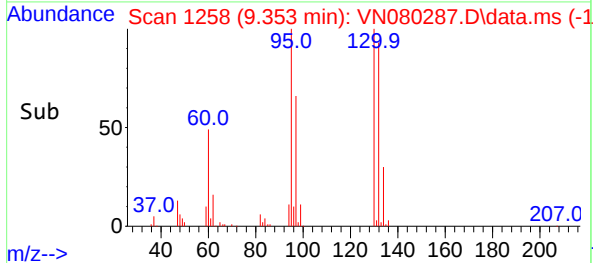
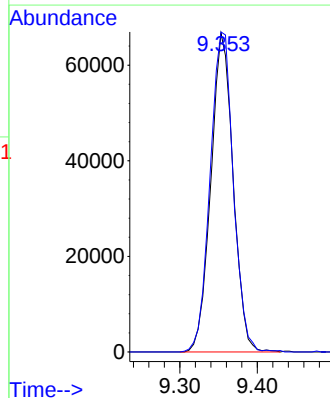
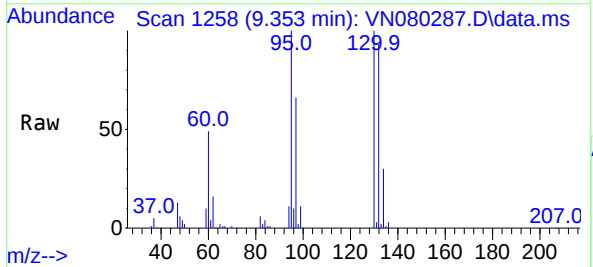
Instrument :  
MSVOA\_N  
ClientSampleId :

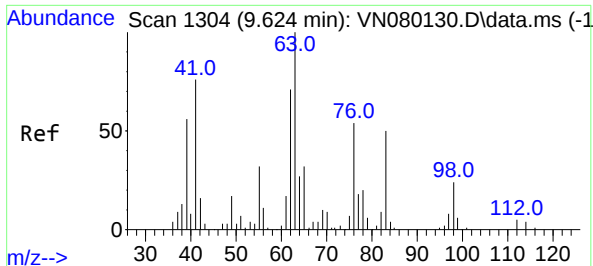
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 215701 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 30.9  | 24.7  | 37.1   |
| 87       | 17.3  | 14.6  | 21.8   |



#44  
Trichloroethene  
Concen: 44.619 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 133092 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 100.5 | 0.0   | 204.6  |

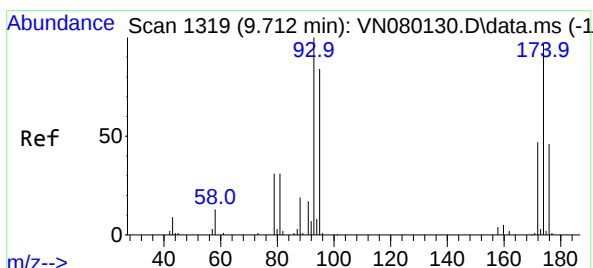
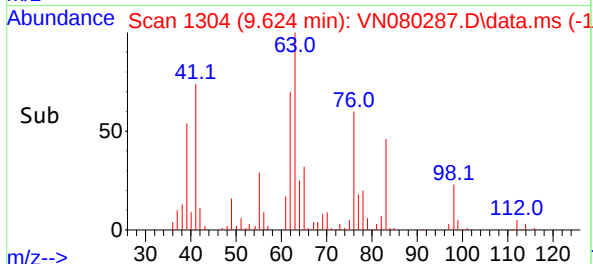
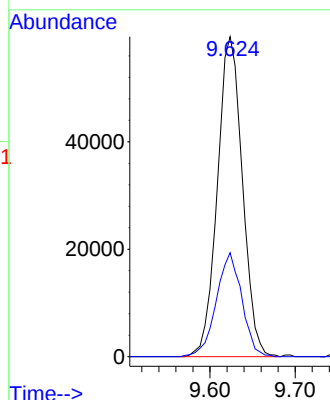
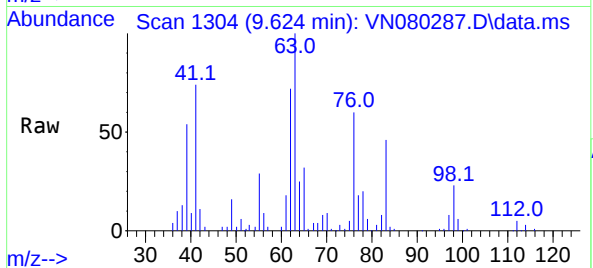




#45  
1,2-Dichloropropane  
Concen: 45.966 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

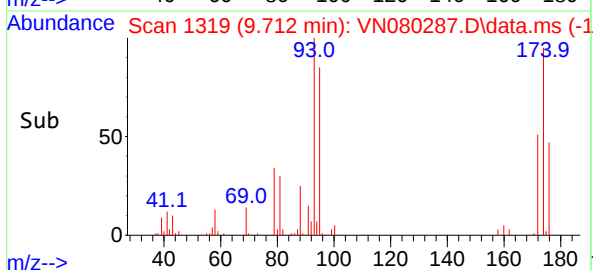
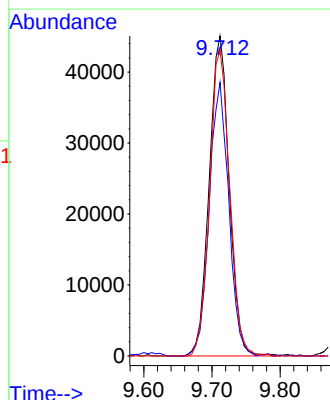
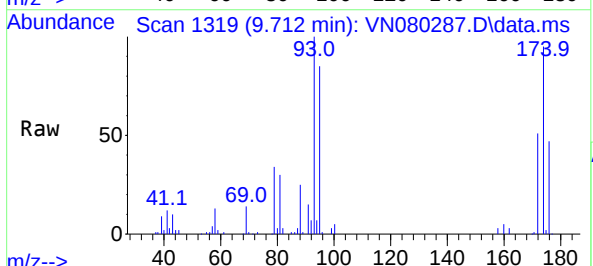
Instrument :  
MSVOA\_N  
ClientSampleId :

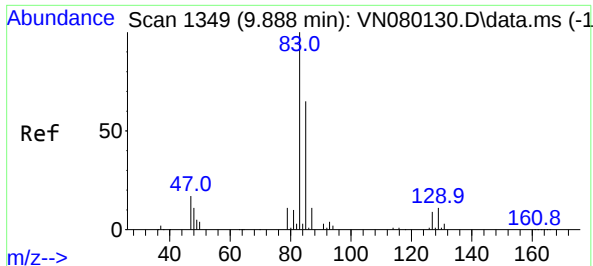
Tgt Ion: 63 Resp: 121470  
Ion Ratio Lower Upper  
63 100  
65 32.5 23.9 35.9



#46  
Dibromomethane  
Concen: 45.950 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

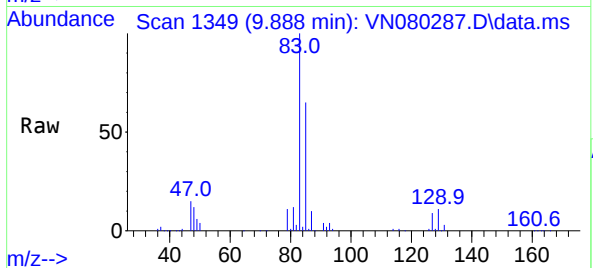
Tgt Ion: 93 Resp: 91917  
Ion Ratio Lower Upper  
93 100  
95 83.7 63.8 95.8  
174 95.6 65.6 98.4



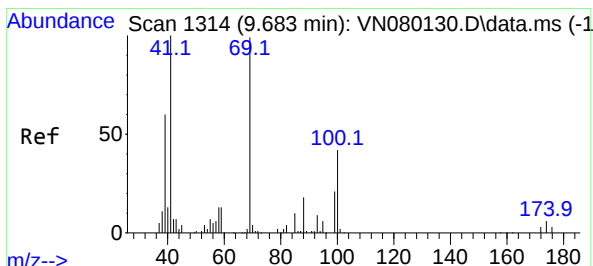
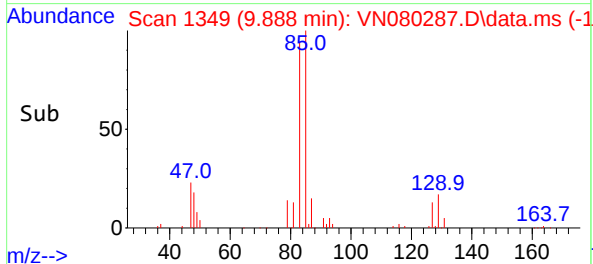
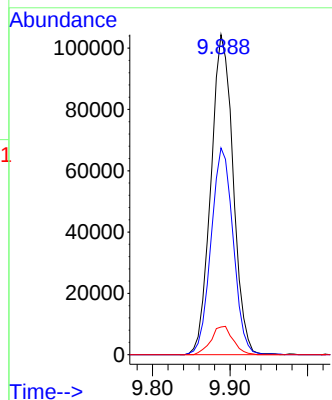


#47  
Bromodichloromethane  
Concen: 47.266 ug/l  
RT: 9.888 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

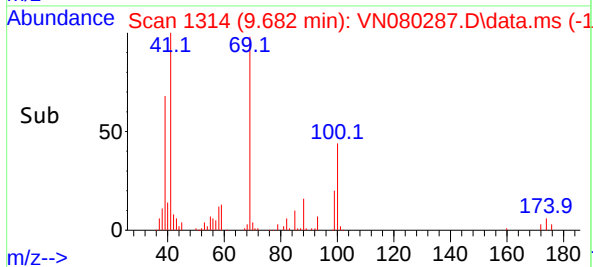
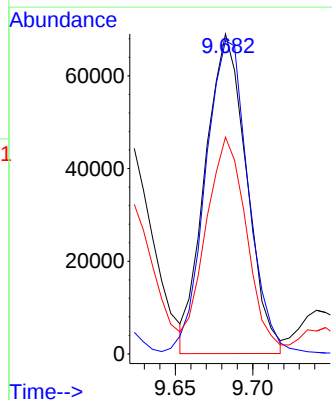
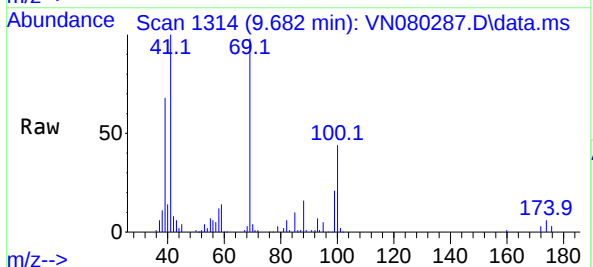


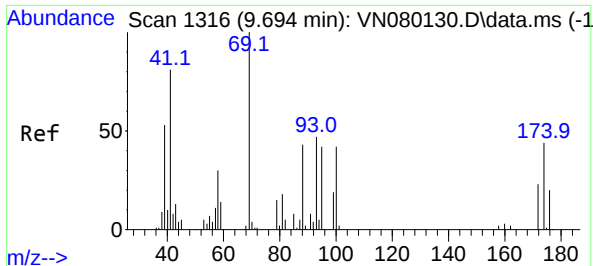
Tgt Ion: 83 Resp: 207981  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.6 74.4  
127 8.6 7.0 10.6



#48  
Methyl methacrylate  
Concen: 45.909 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 41 Resp: 127770  
Ion Ratio Lower Upper  
41 100  
69 101.4 90.4 135.6  
39 67.9 54.6 81.8

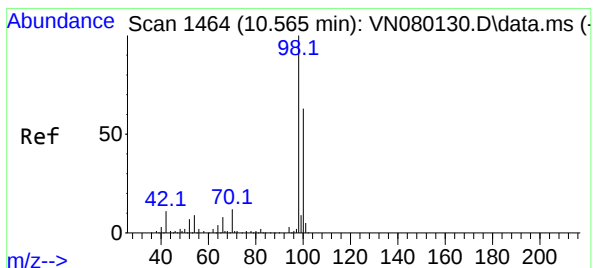
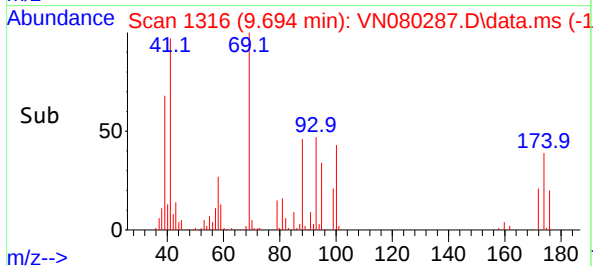
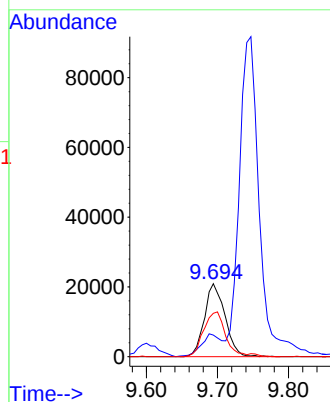
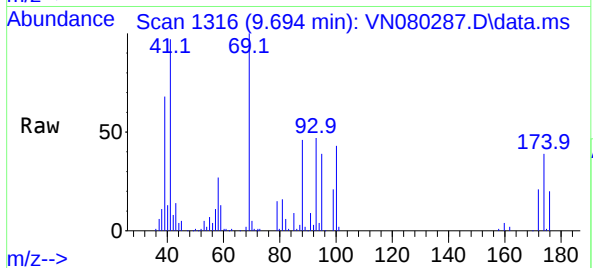




#49  
1,4-Dioxane  
Concen: 909.753 ug/l  
RT: 9.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

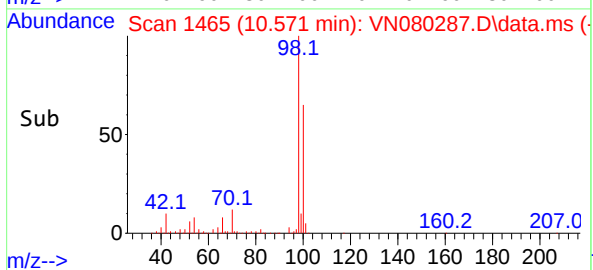
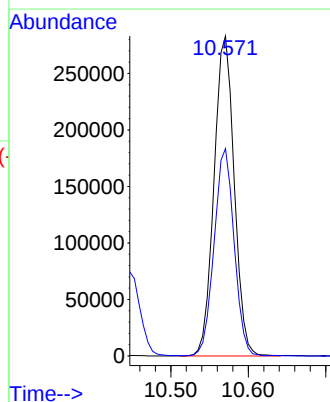
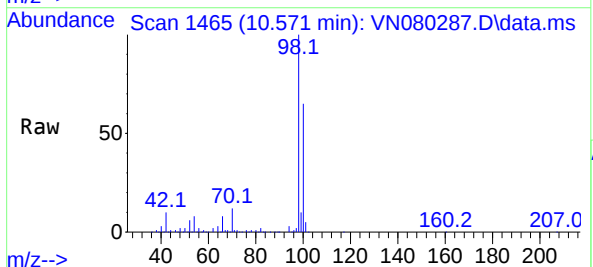
Instrument :  
MSVOA\_N  
ClientSampleId :

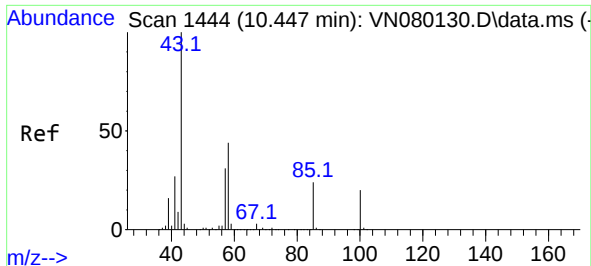
Tgt Ion: 88 Resp: 42122  
Ion Ratio Lower Upper  
88 100  
43 32.6 17.0 25.6#  
58 64.7 47.0 70.4



#50  
Toluene-d8  
Concen: 51.404 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 98 Resp: 512083  
Ion Ratio Lower Upper  
98 100  
100 64.1 52.0 78.0

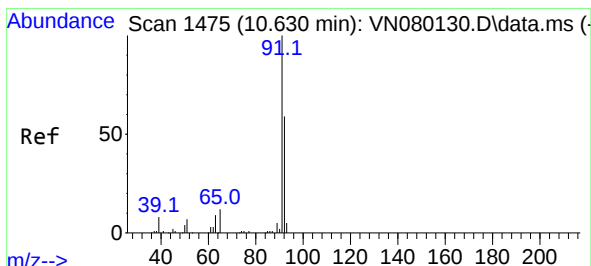
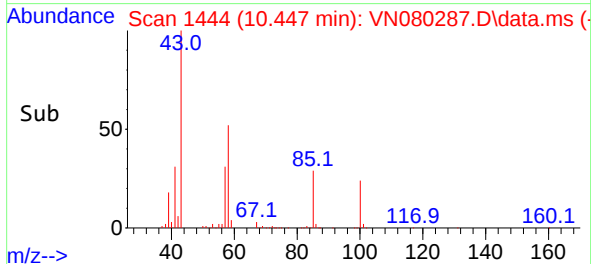
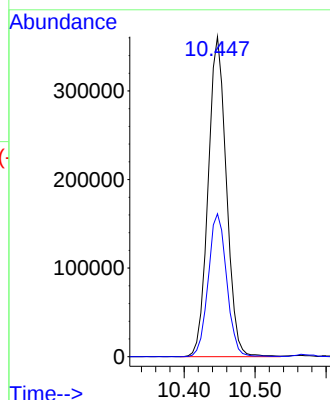
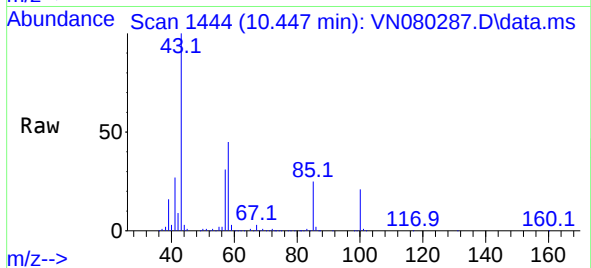




#51  
4-Methyl-2-Pentanone  
Concen: 230.208 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

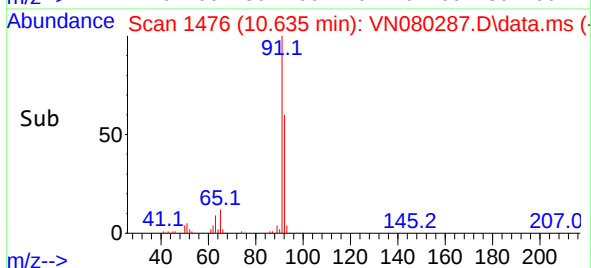
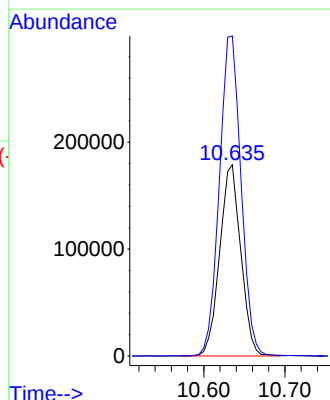
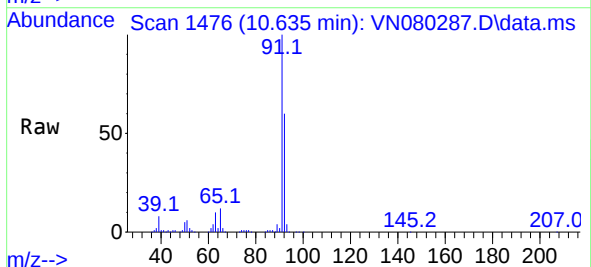
Instrument :  
MSVOA\_N  
ClientSampleId :

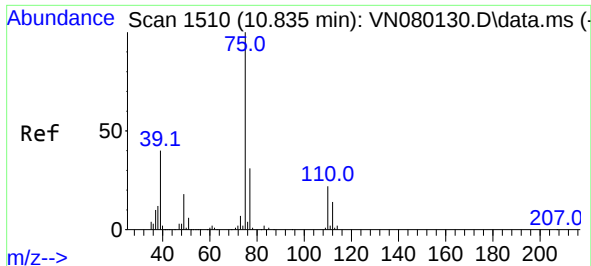
Tgt Ion: 43 Resp: 643661  
Ion Ratio Lower Upper  
43 100  
58 45.3 36.6 54.8



#52  
Toluene  
Concen: 45.360 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 92 Resp: 322802  
Ion Ratio Lower Upper  
92 100  
91 172.4 137.4 206.0

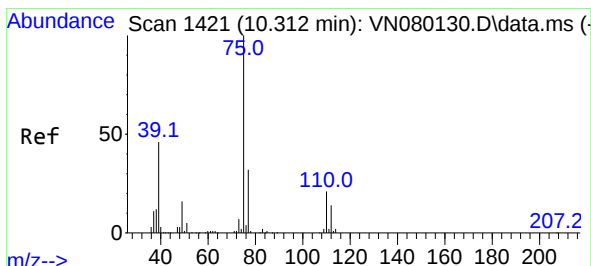
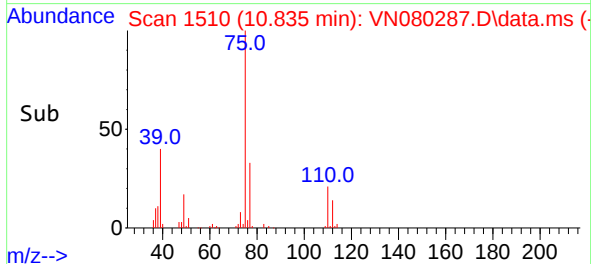
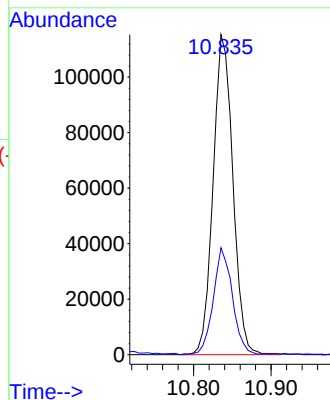
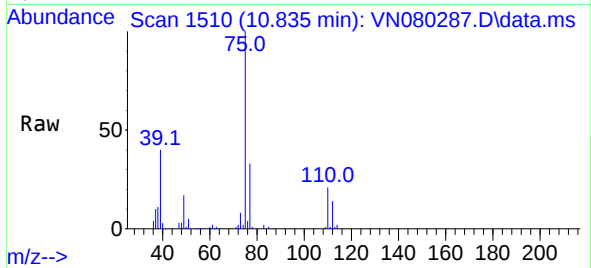




#53  
t-1,3-Dichloropropene  
Concen: 45.144 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

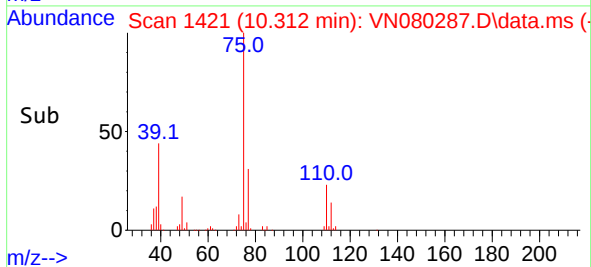
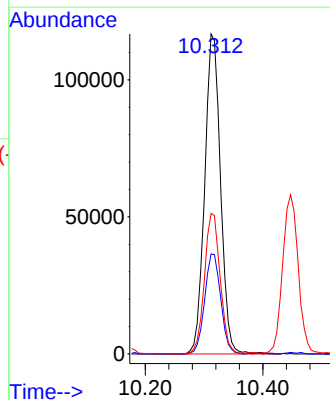
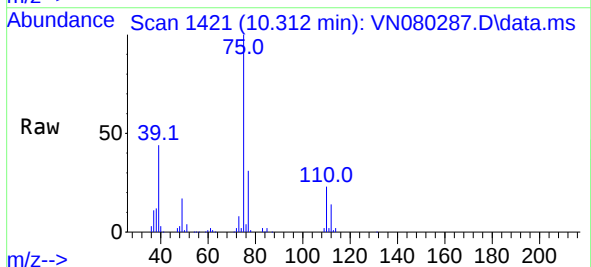
Instrument :  
MSVOA\_N  
ClientSampleId :

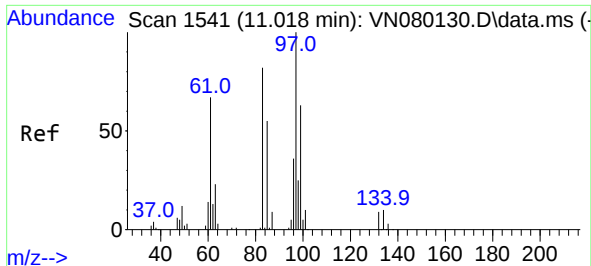
Tgt Ion: 75 Resp: 204091  
Ion Ratio Lower Upper  
75 100  
77 33.4 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 47.445 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 75 Resp: 219138  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.1 39.1  
39 43.9 31.6 47.4

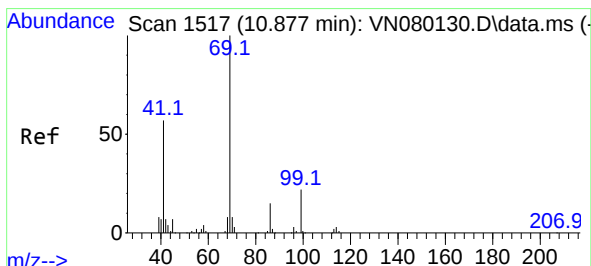
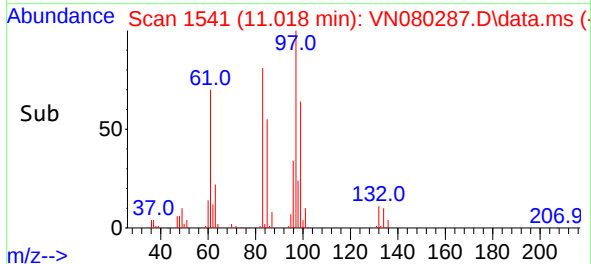
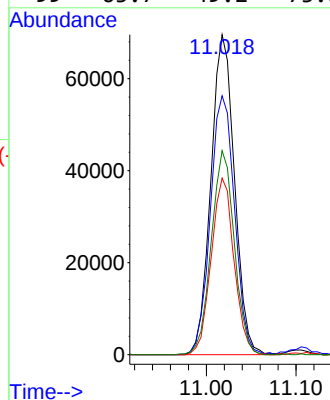
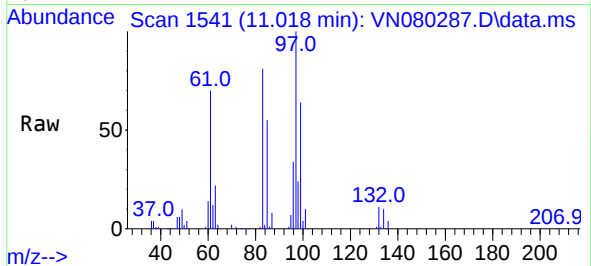




#55  
1,1,2-Trichloroethane  
Concen: 46.797 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

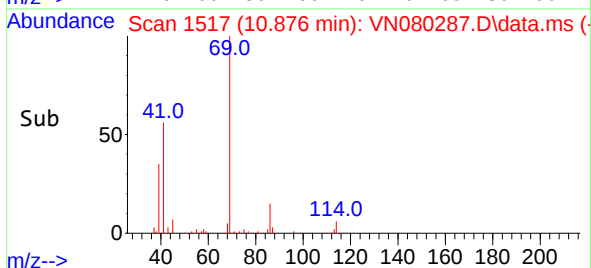
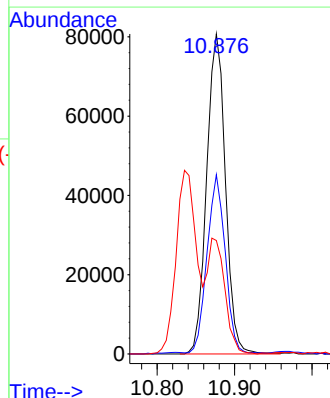
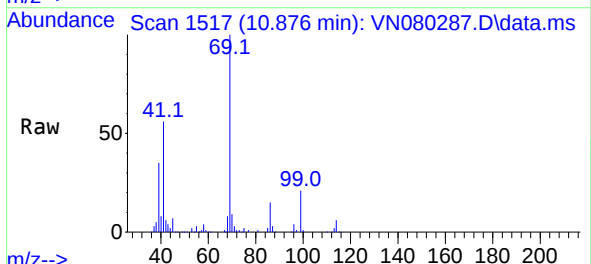
Instrument :  
MSVOA\_N  
ClientSampleId :

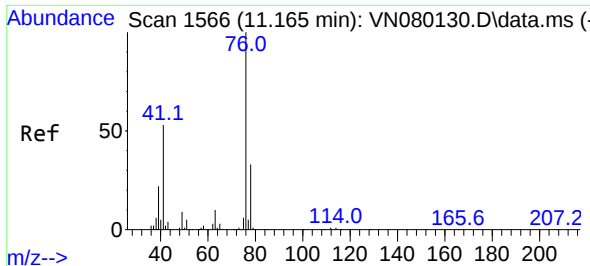
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 127108 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 80.9  | 65.1  | 97.7   |
| 85       | 55.1  | 43.4  | 65.2   |
| 99       | 63.7  | 49.2  | 73.8   |



#56  
Ethyl methacrylate  
Concen: 49.045 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 136087 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 53.9  | 39.6  | 59.4   |
| 39       | 33.8  | 28.6  | 43.0   |

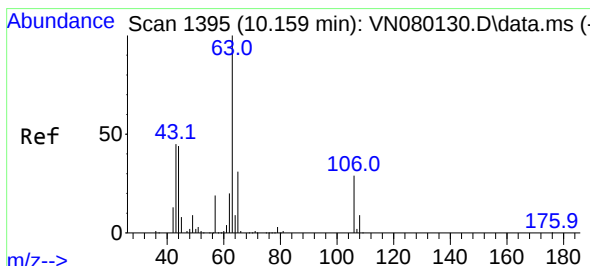
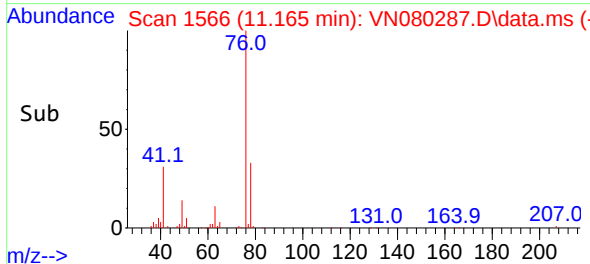
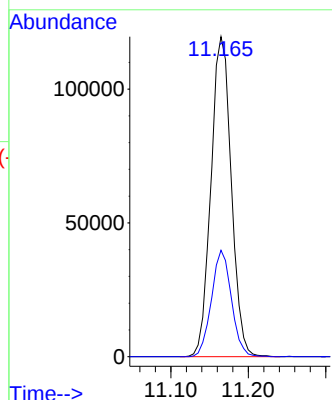
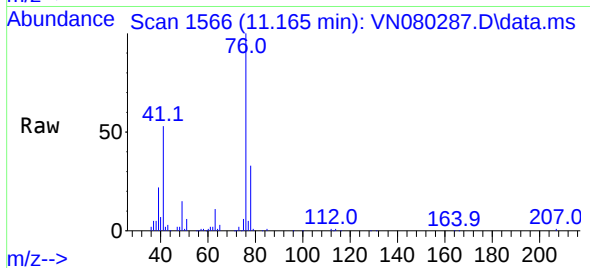




#57  
1,3-Dichloropropane  
Concen: 46.072 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

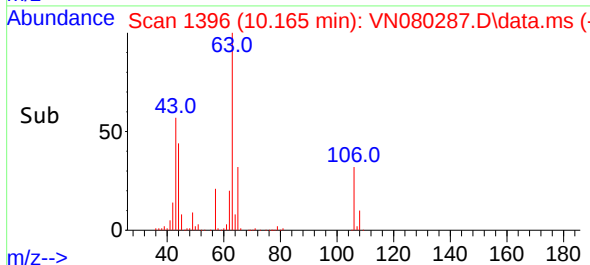
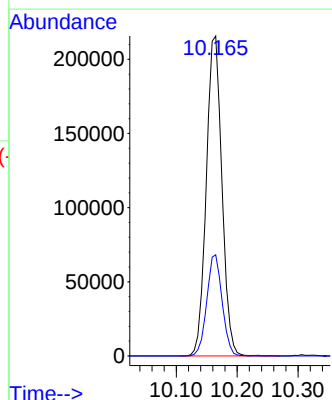
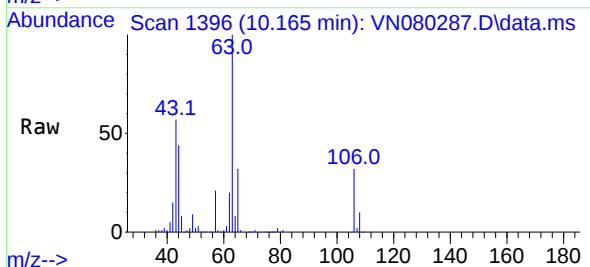
Instrument :  
MSVOA\_N  
ClientSampleId :

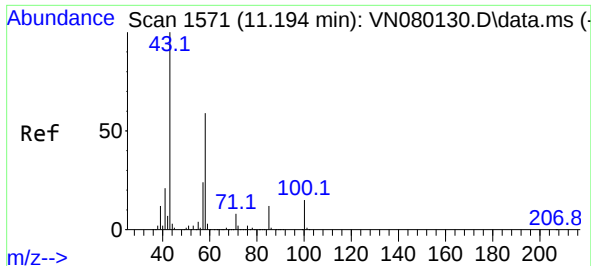
Tgt Ion: 76 Resp: 218486  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 246.081 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 63 Resp: 384679  
Ion Ratio Lower Upper  
63 100  
106 31.0 26.2 39.4

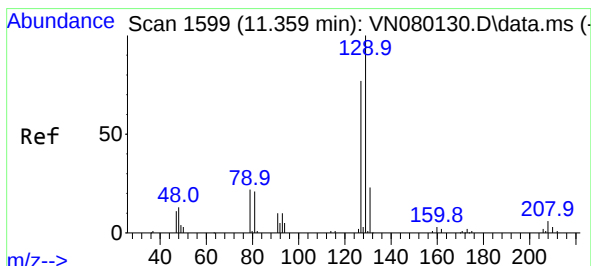
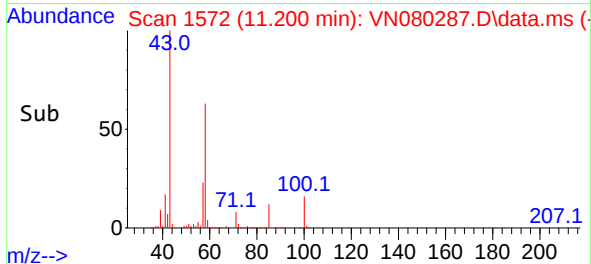
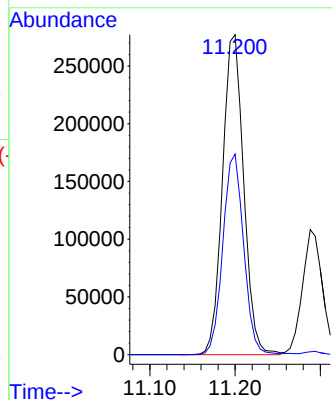
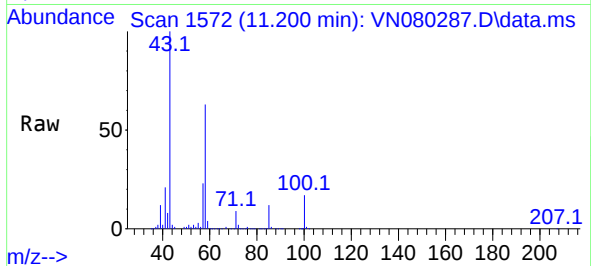




#59  
2-Hexanone  
Concen: 213.023 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

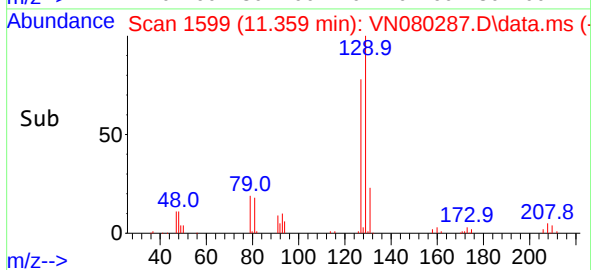
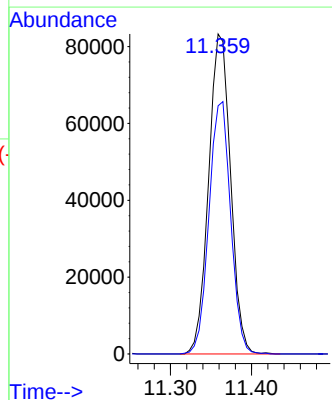
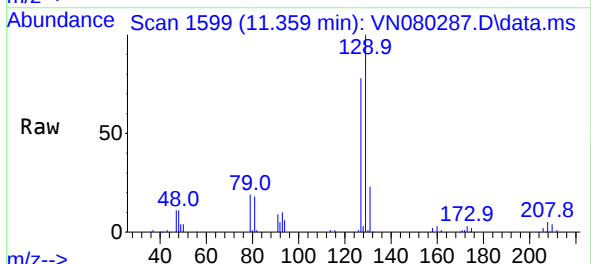
Instrument :  
MSVOA\_N  
ClientSampleId :

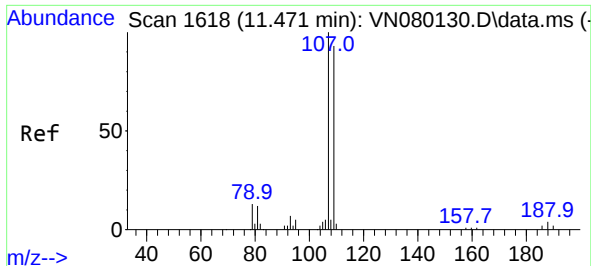
Tgt Ion: 43 Resp: 478608  
Ion Ratio Lower Upper  
43 100  
58 61.4 31.7 95.1



#60  
Dibromochloromethane  
Concen: 48.058 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:129 Resp: 156275  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.6 116.0

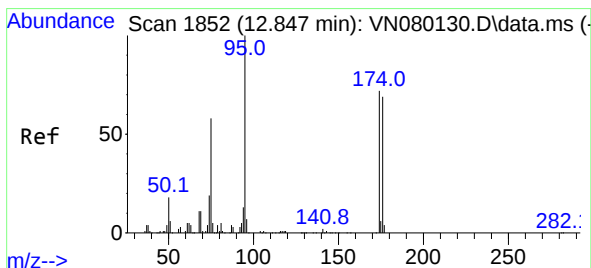
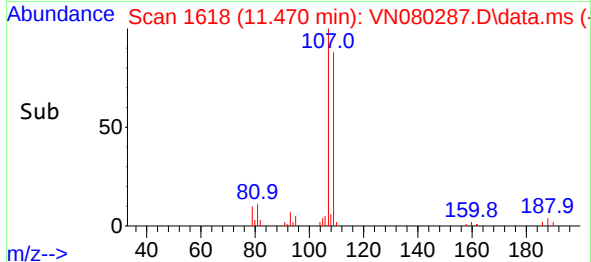
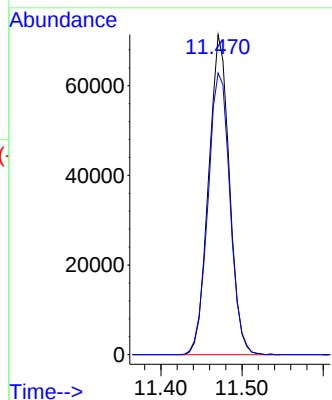
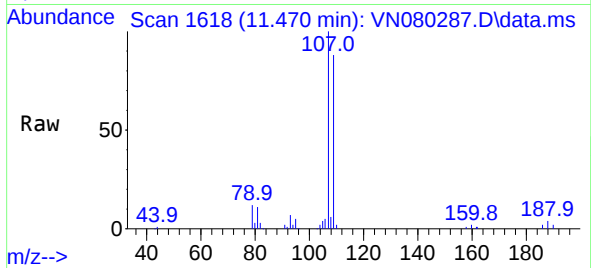




#61  
1,2-Dibromoethane  
Concen: 45.849 ug/l  
RT: 11.470 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

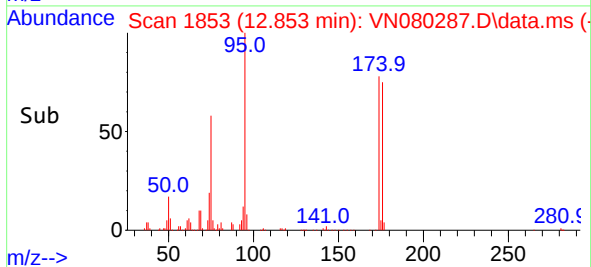
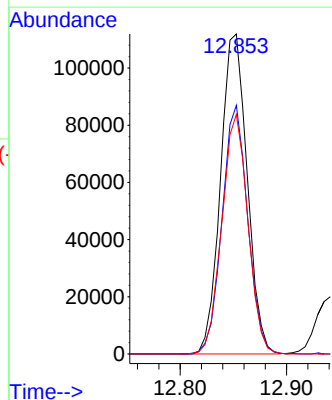
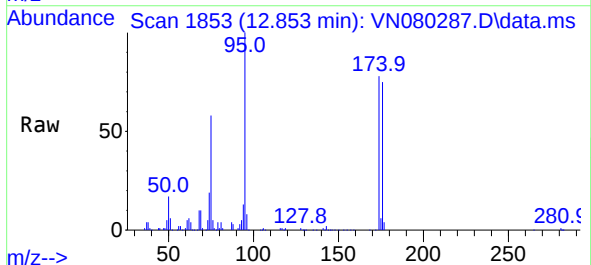
Instrument :  
MSVOA\_N  
ClientSampleId :

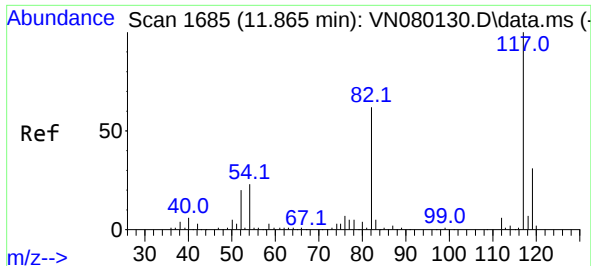
Tgt Ion:107 Resp: 127046  
Ion Ratio Lower Upper  
107 100  
109 93.3 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 51.578 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 95 Resp: 194077  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 143.8  
176 72.9 0.0 135.8

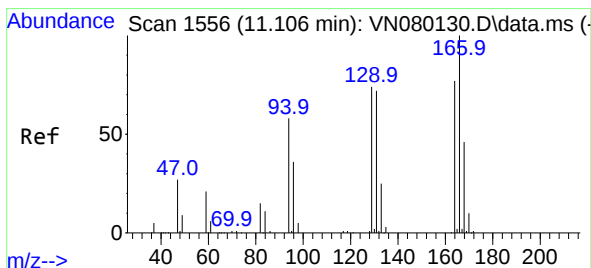
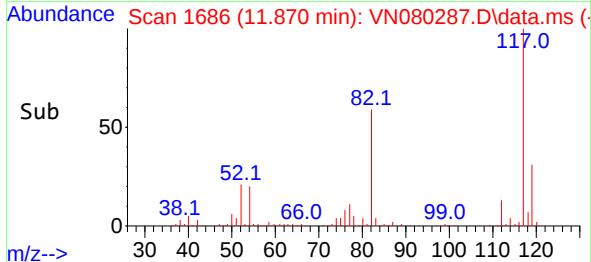
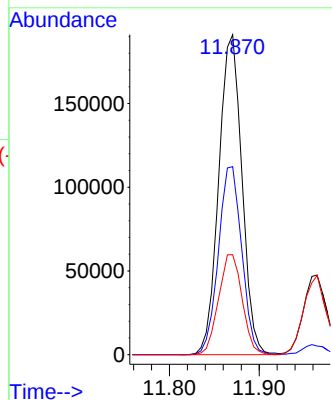
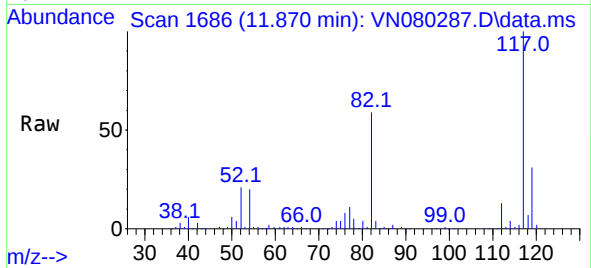




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

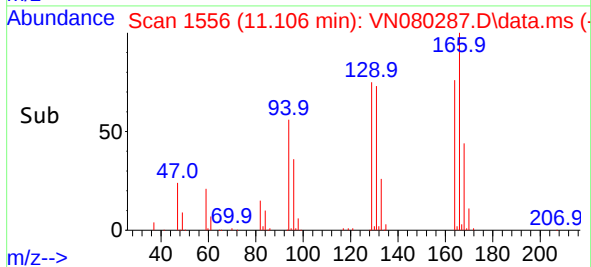
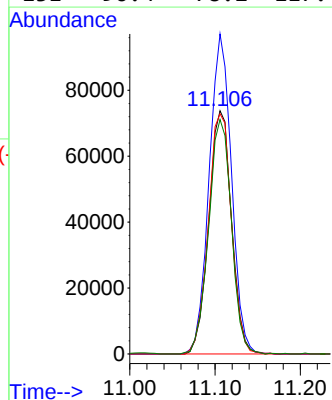
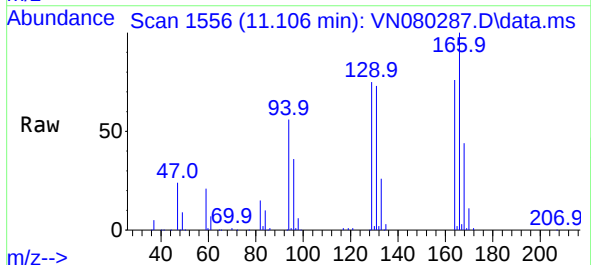
Instrument :  
MSVOA\_N  
ClientSampleId :

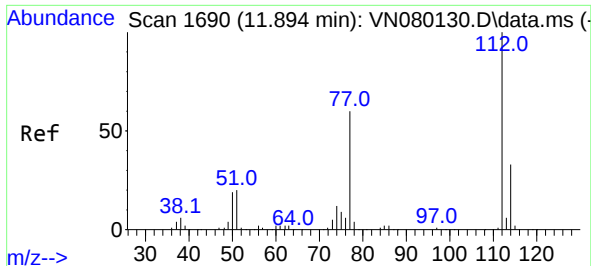
Tgt Ion:117 Resp: 342701  
Ion Ratio Lower Upper  
117 100  
82 58.8 44.0 66.0  
119 31.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 52.400 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

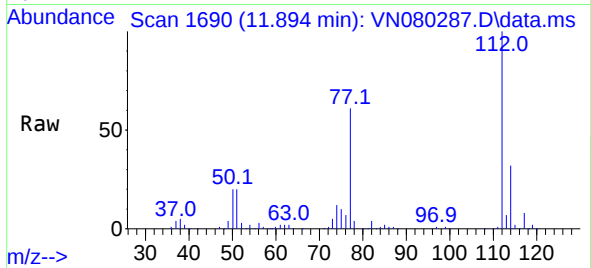
Tgt Ion:164 Resp: 137045  
Ion Ratio Lower Upper  
164 100  
166 131.6 101.4 152.0  
129 98.8 82.4 123.6  
131 96.4 78.2 117.4



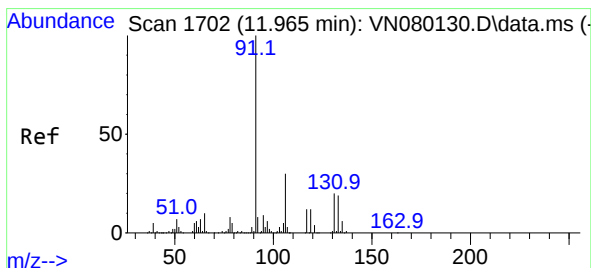
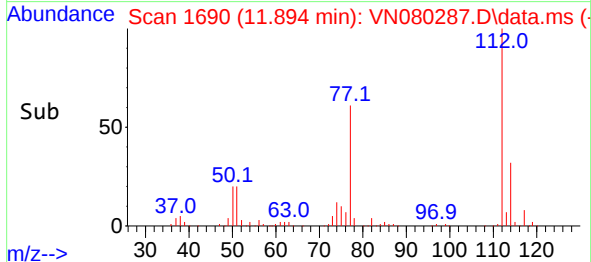
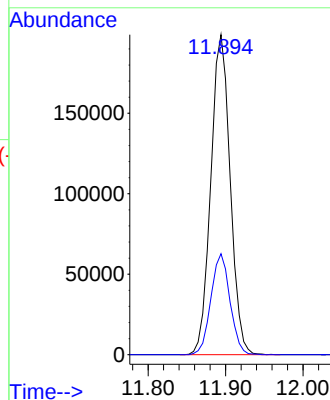


#65  
Chlorobenzene  
Concen: 44.451 ug/l  
RT: 11.894 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

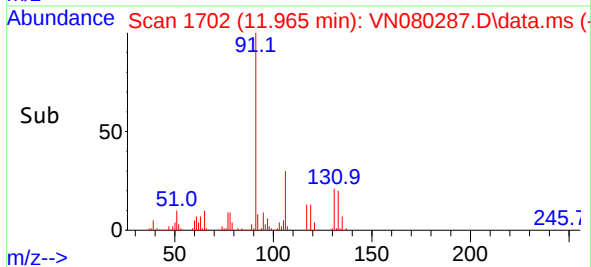
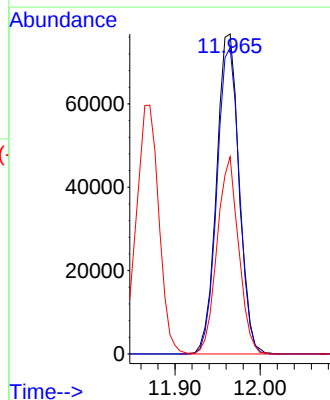
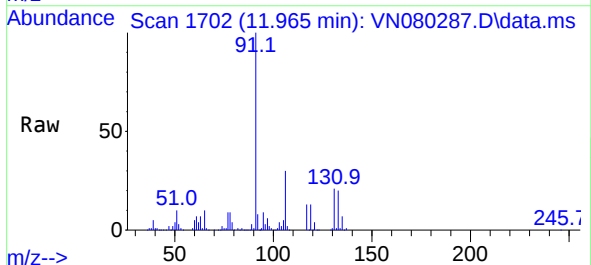


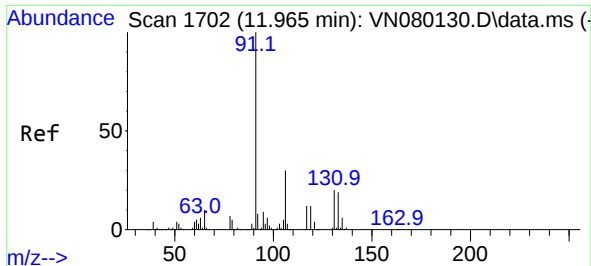
Tgt Ion:112 Resp: 345177  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 46.806 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

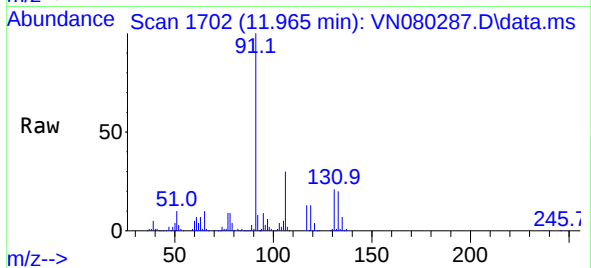
Tgt Ion:131 Resp: 141048  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.4 139.1  
119 59.0 34.1 102.2



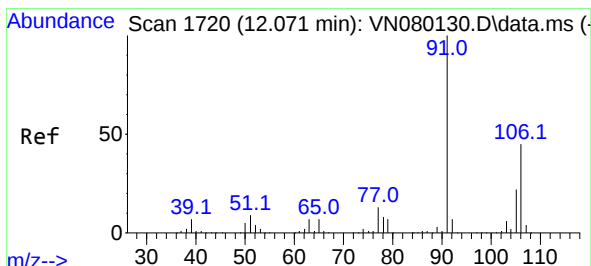
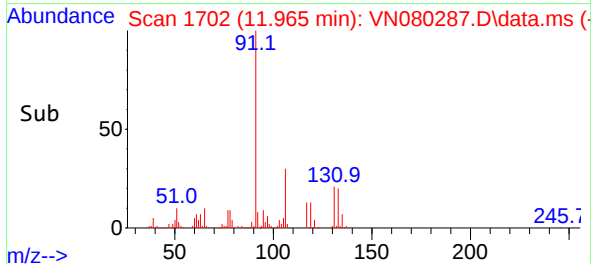
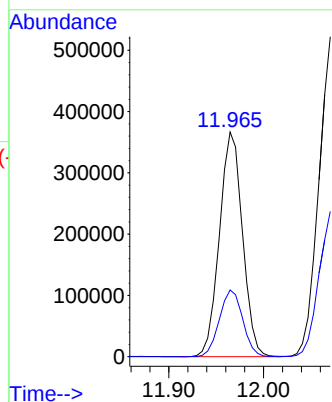


#67  
Ethyl Benzene  
Concen: 44.862 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

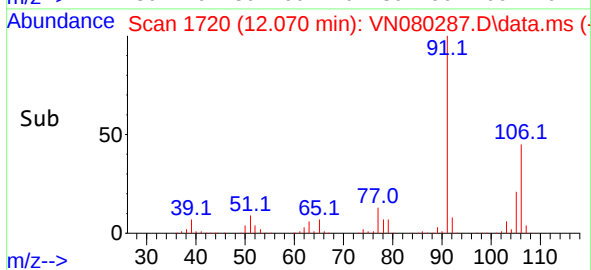
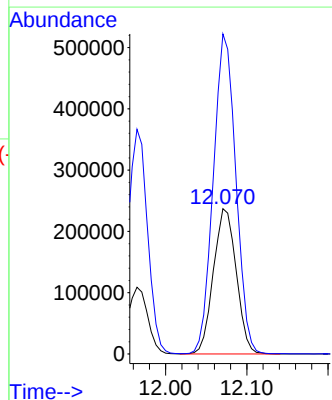
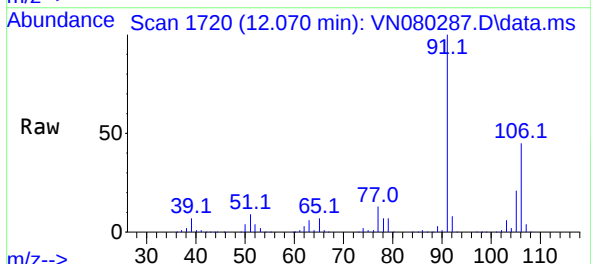


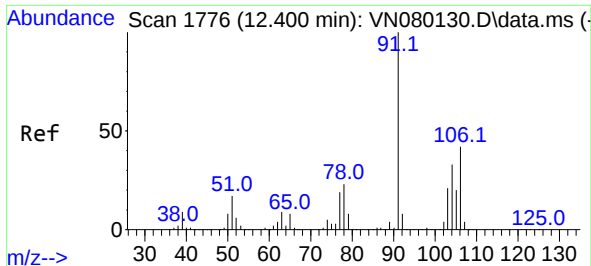
Tgt Ion: 91 Resp: 619899  
Ion Ratio Lower Upper  
91 100  
106 29.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 92.019 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:106 Resp: 463605  
Ion Ratio Lower Upper  
106 100  
91 217.7 159.6 239.4

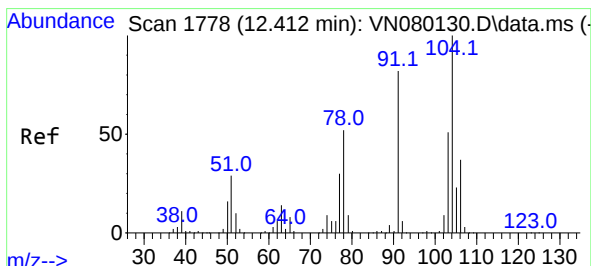
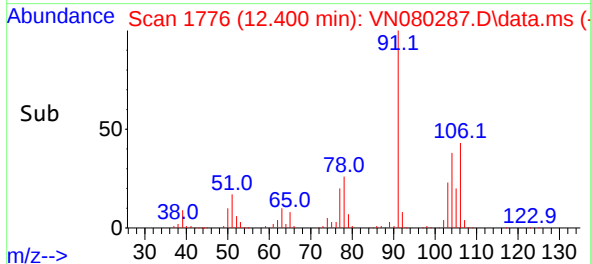
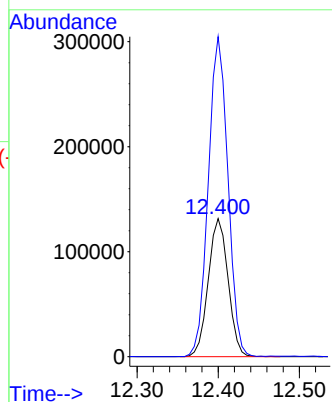
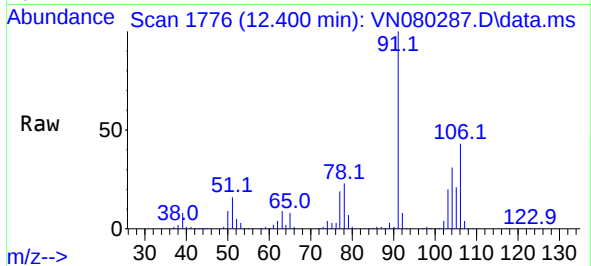




#69  
o-Xylene  
Concen: 46.982 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

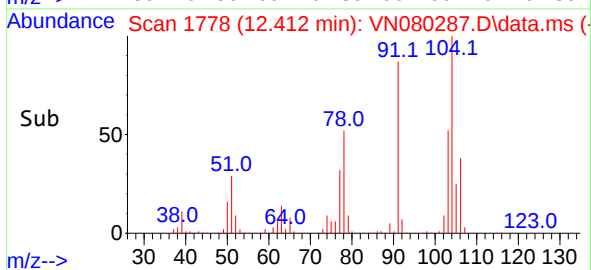
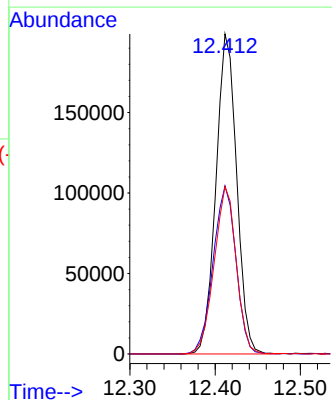
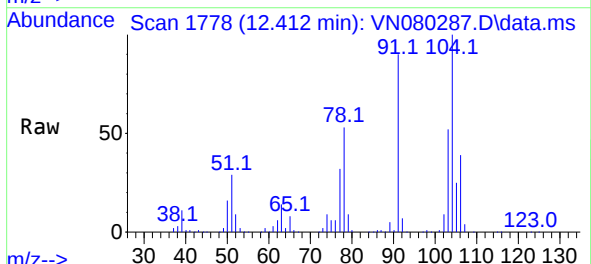
Instrument :  
MSVOA\_N  
ClientSampleId :

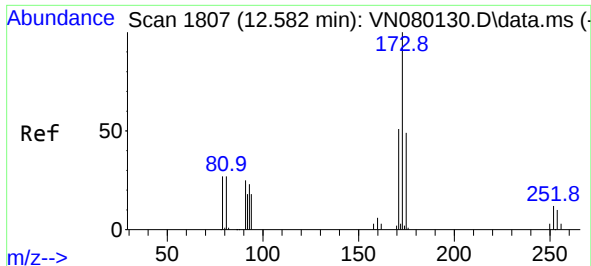
Tgt Ion:106 Resp: 223074  
Ion Ratio Lower Upper  
106 100  
91 229.1 105.2 315.5



#70  
Styrene  
Concen: 47.579 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

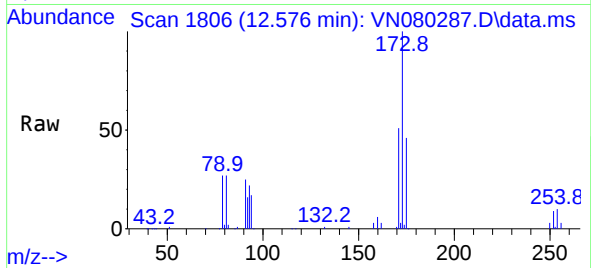
Tgt Ion:104 Resp: 336242  
Ion Ratio Lower Upper  
104 100  
78 57.7 39.5 59.3  
103 55.7 43.2 64.8



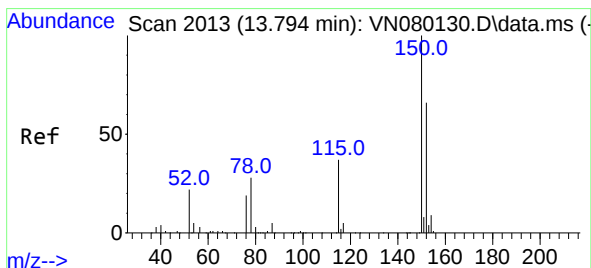
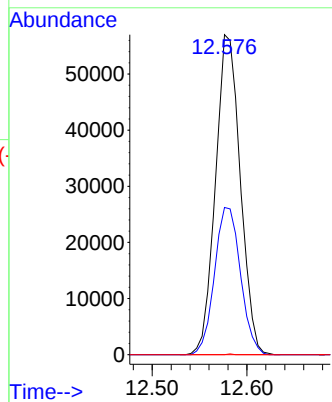
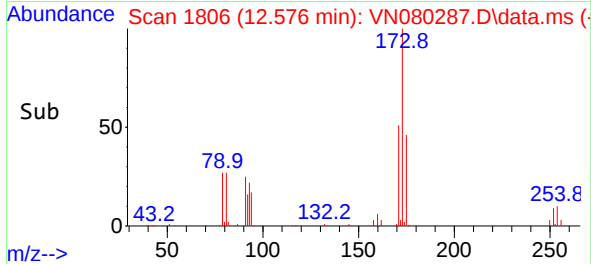


#71  
Bromoform  
Concen: 46.406 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

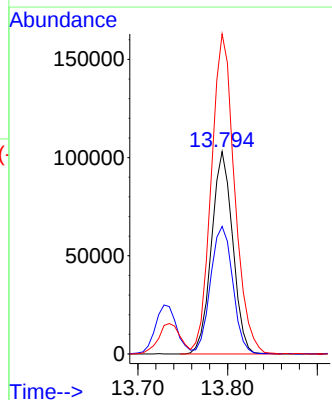
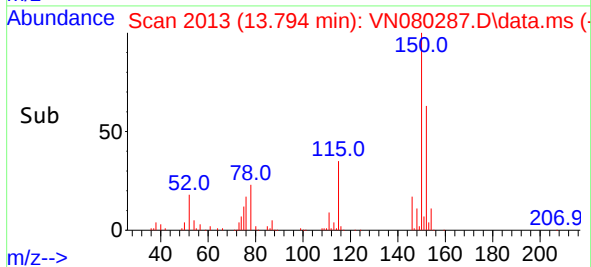
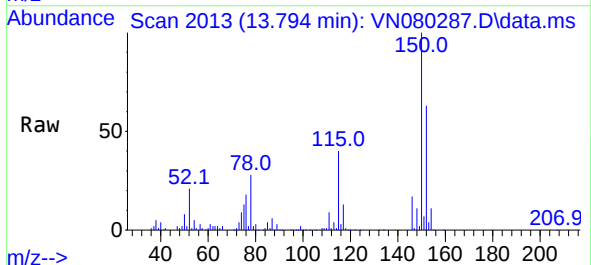


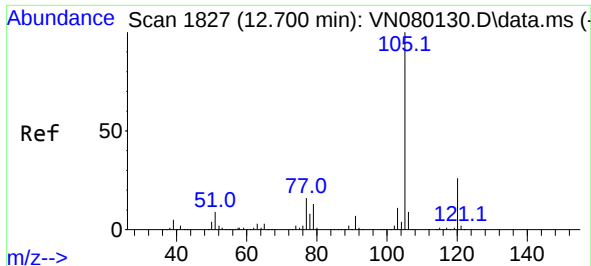
Tgt Ion:173 Resp: 103705  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.3 73.0  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

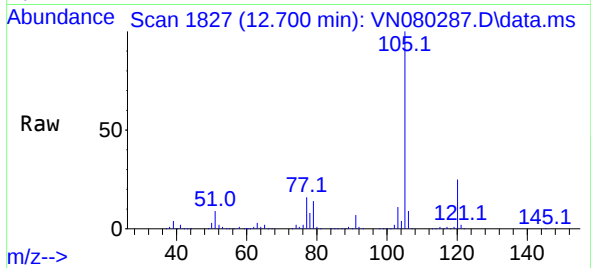
Tgt Ion:152 Resp: 168930  
Ion Ratio Lower Upper  
152 100  
115 65.8 32.3 96.8  
150 173.6 0.0 355.8



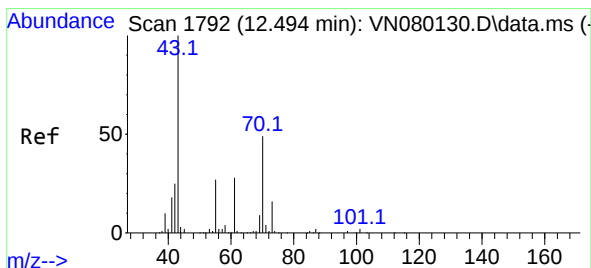
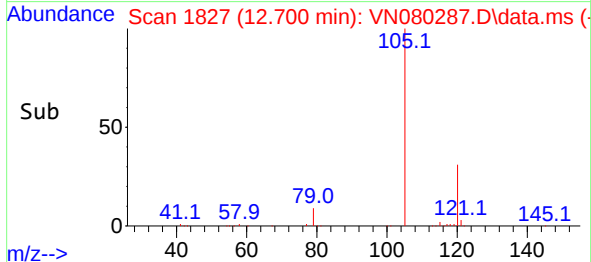
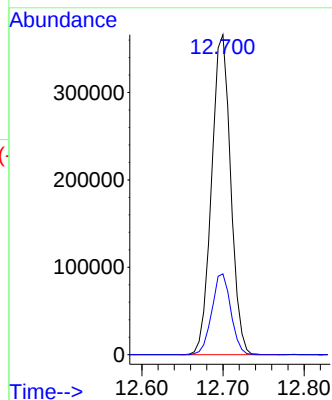


#73  
Isopropylbenzene  
Concen: 45.561 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

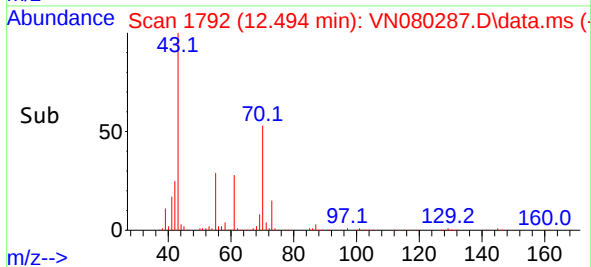
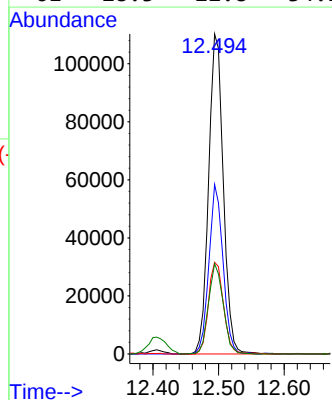
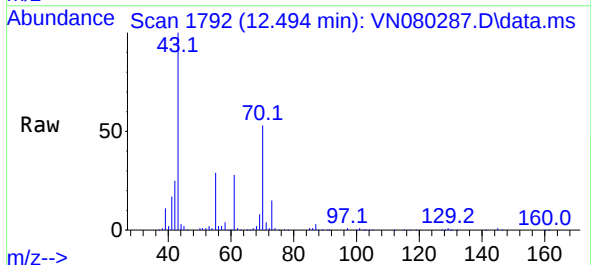


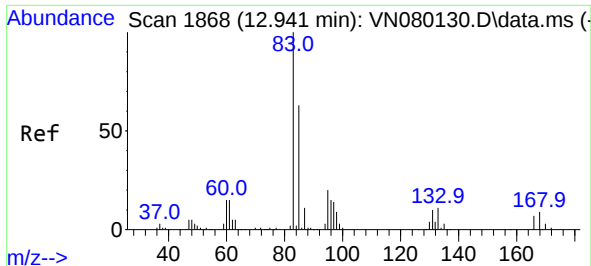
Tgt Ion:105 Resp: 598079  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.1 39.1



#74  
N-ethyl acetate  
Concen: 42.025 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 43 Resp: 172034  
Ion Ratio Lower Upper  
43 100  
70 50.9 43.4 65.2  
55 29.2 21.4 32.0  
61 28.3 22.8 34.2

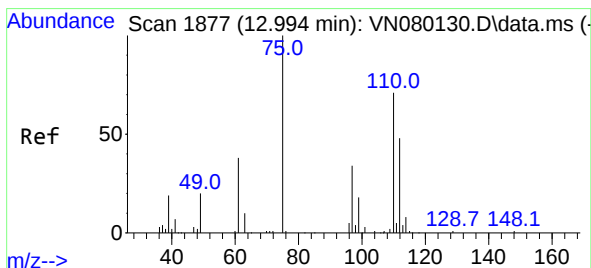
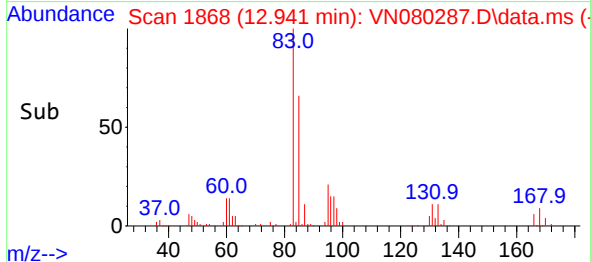
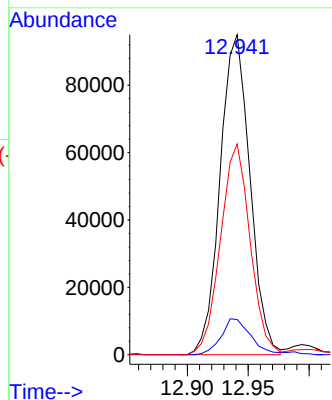
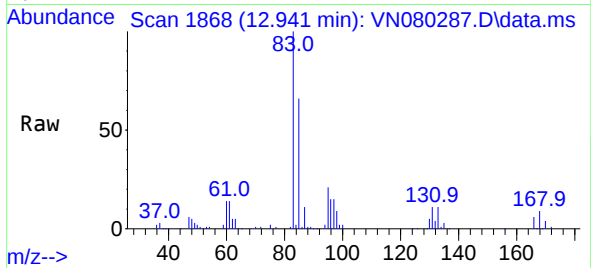




#75  
1,1,2-Tetrachloroethane  
Concen: 41.262 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

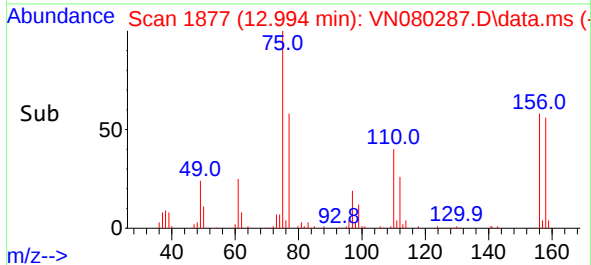
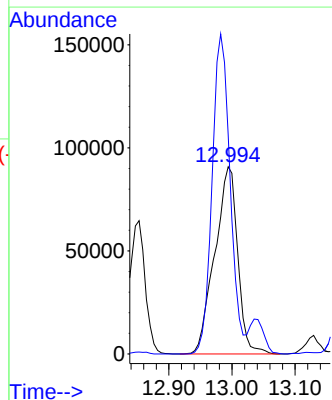
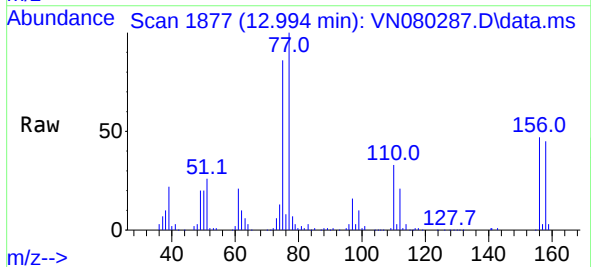
Instrument :  
MSVOA\_N  
ClientSampleId :

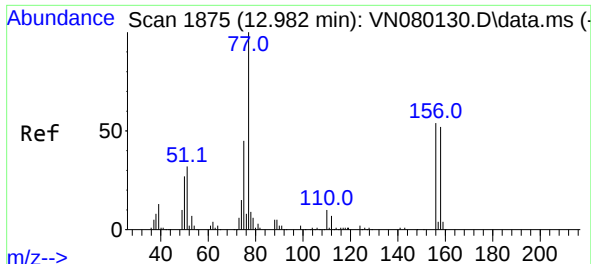
Tgt Ion: 83 Resp: 162114  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.0 15.0  
85 65.5 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 55.228 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

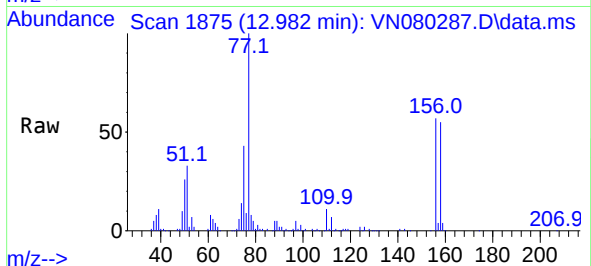
Tgt Ion: 75 Resp: 228592  
Ion Ratio Lower Upper  
75 100  
77 133.7 84.5 253.5



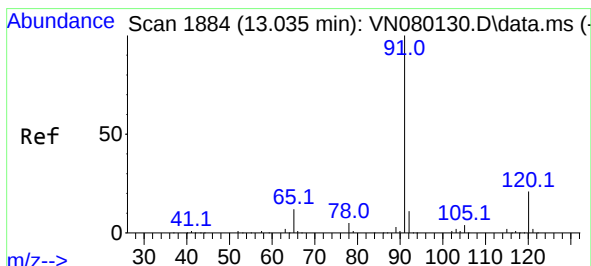
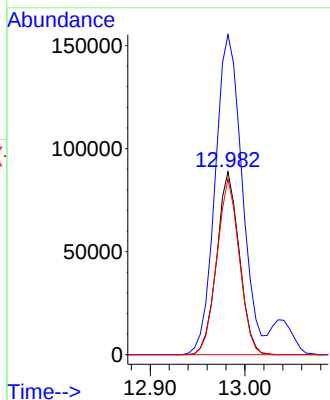
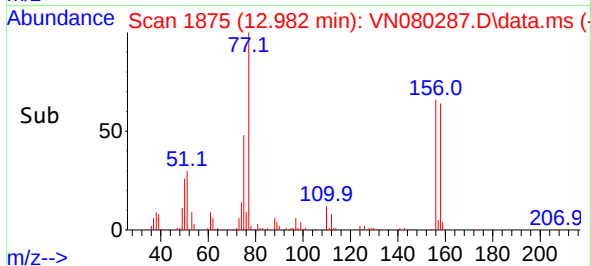


#77  
Bromobenzene  
Concen: 44.328 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

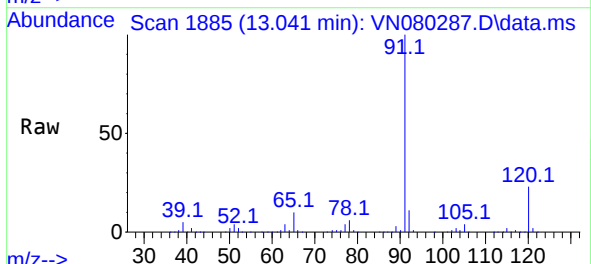
Instrument :  
MSVOA\_N  
ClientSampleId :



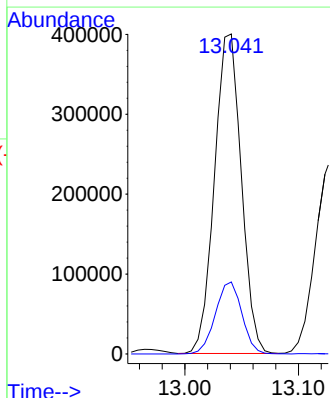
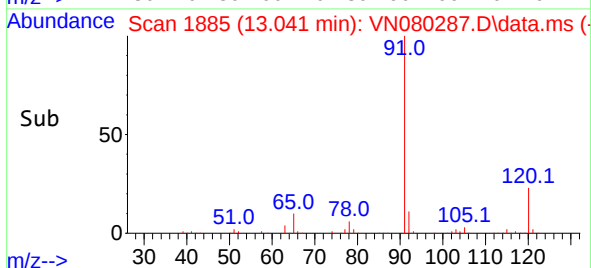
Tgt Ion:156 Resp: 146710  
Ion Ratio Lower Upper  
156 100  
77 208.3 107.7 323.3  
158 96.2 48.4 145.3

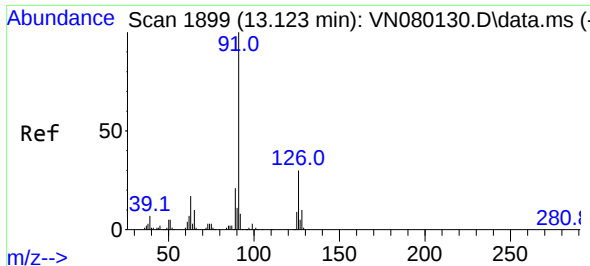


#78  
n-propylbenzene  
Concen: 44.723 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57



Tgt Ion: 91 Resp: 656489  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.5 34.4

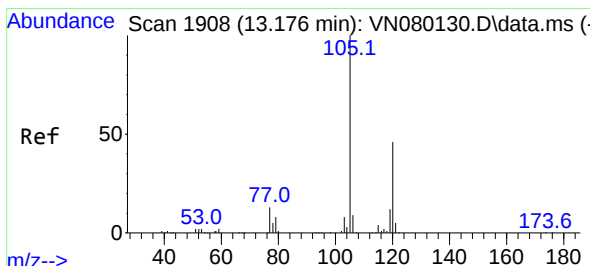
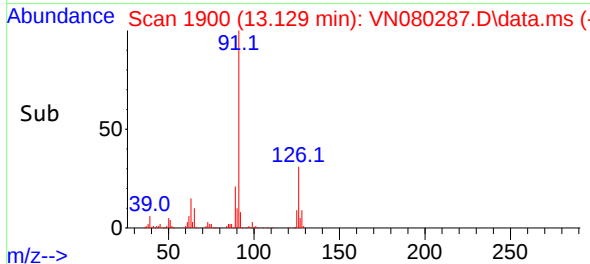
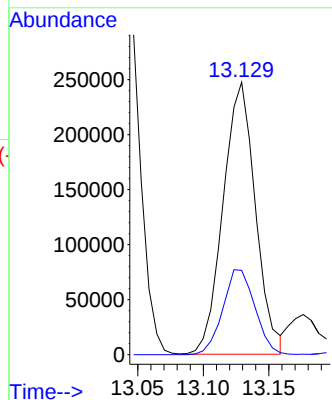
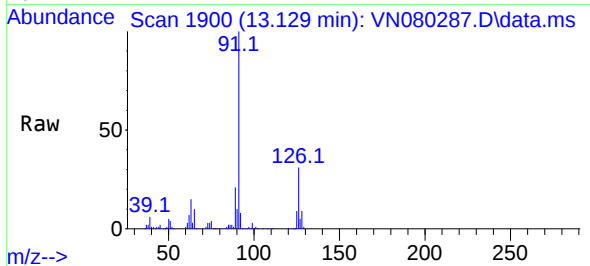




#79  
2-Chlorotoluene  
Concen: 44.501 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

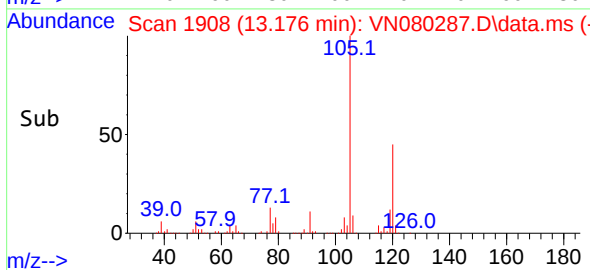
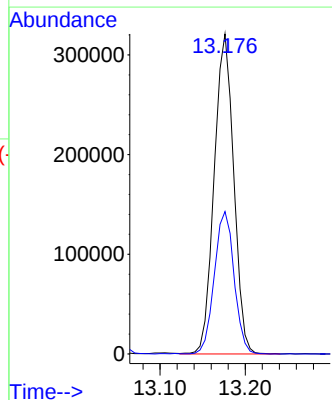
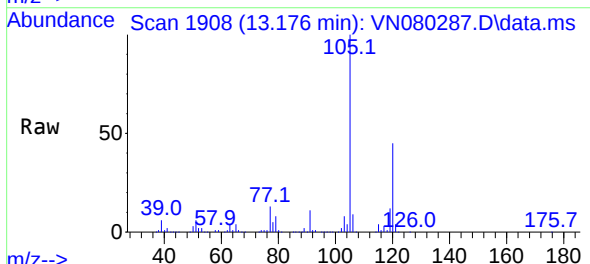
Instrument :  
MSVOA\_N  
ClientSampleId :

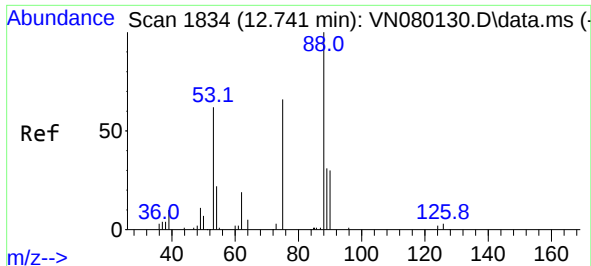
Tgt Ion: 91 Resp: 424270  
Ion Ratio Lower Upper  
91 100  
126 31.2 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 44.834 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:105 Resp: 512325  
Ion Ratio Lower Upper  
105 100  
120 45.0 24.1 72.3

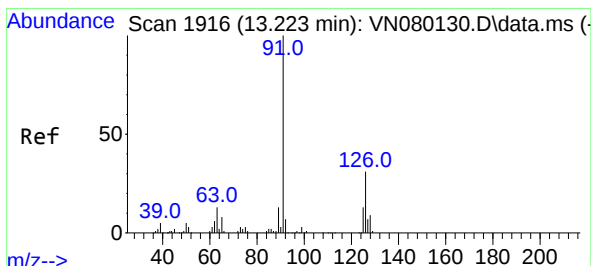
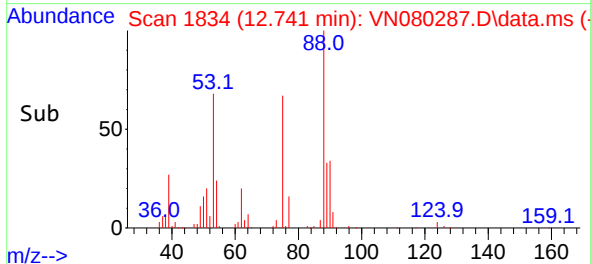
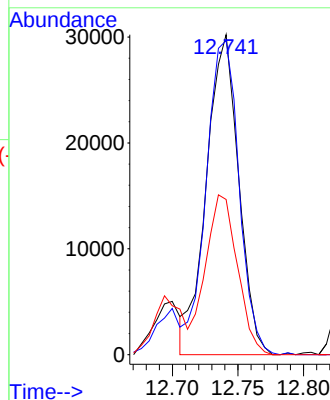
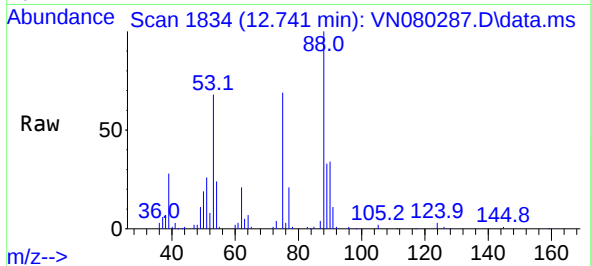




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.153 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

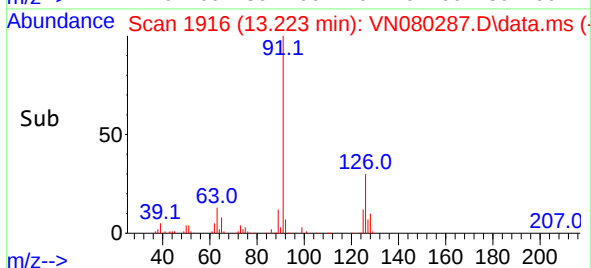
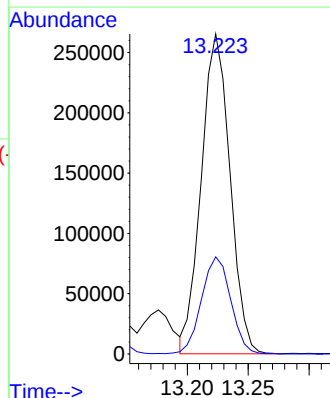
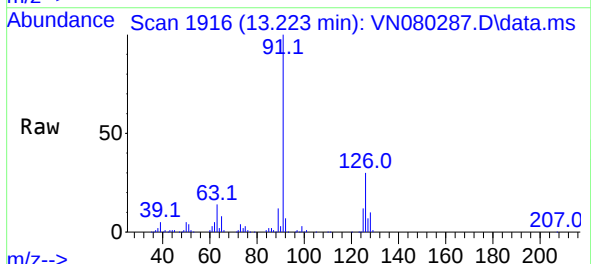
Instrument :  
MSVOA\_N  
ClientSampleId :

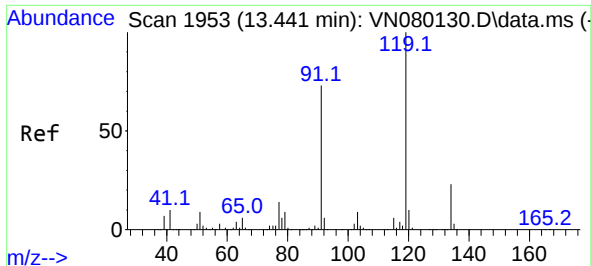
Tgt Ion: 75 Resp: 51641  
Ion Ratio Lower Upper  
75 100  
53 100.3 67.4 101.2  
89 49.5 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 44.531 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 91 Resp: 434940  
Ion Ratio Lower Upper  
91 100  
126 30.9 16.7 50.0

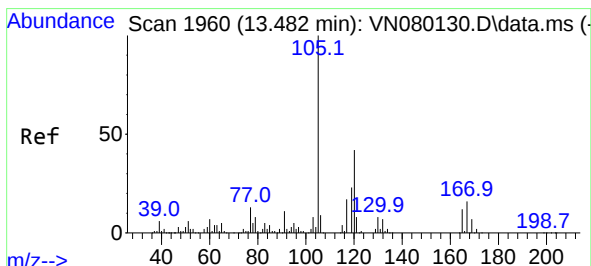
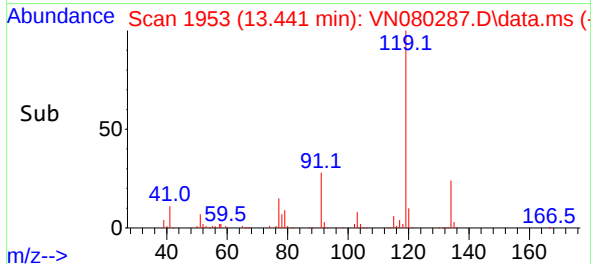
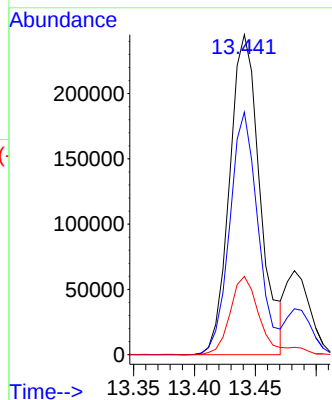
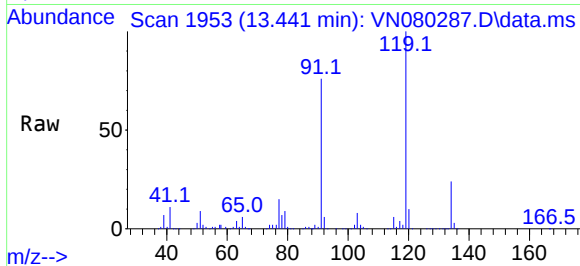




#83  
tert-Butylbenzene  
Concen: 46.467 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

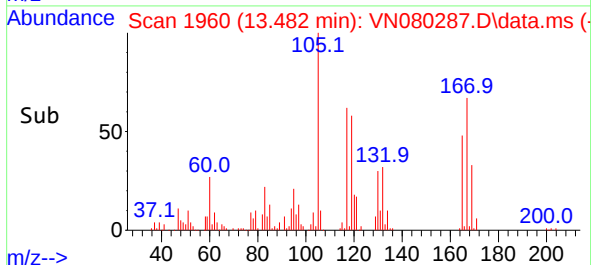
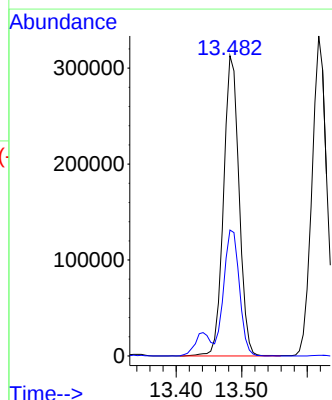
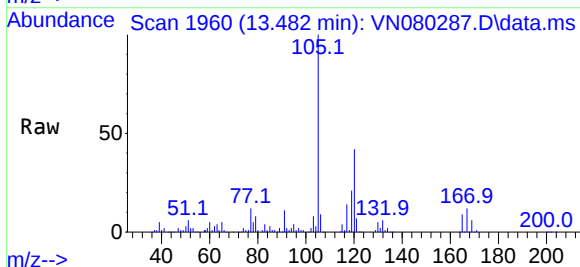
Instrument :  
MSVOA\_N  
ClientSampleId :

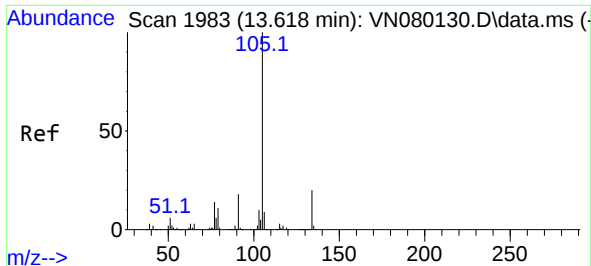
Tgt Ion:119 Resp: 425811  
Ion Ratio Lower Upper  
119 100  
91 70.9 33.9 101.7  
134 24.3 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 45.450 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:105 Resp: 511407  
Ion Ratio Lower Upper  
105 100  
120 42.1 22.0 66.0

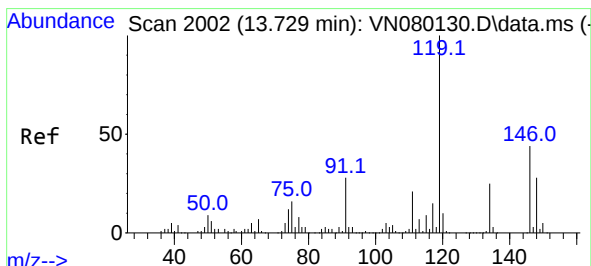
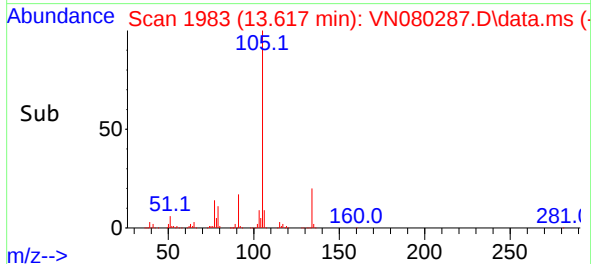
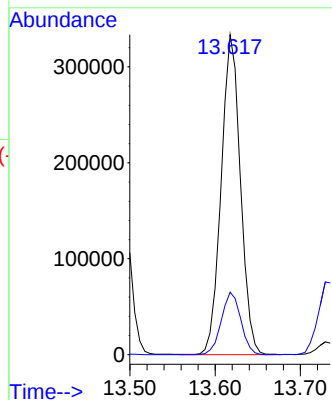
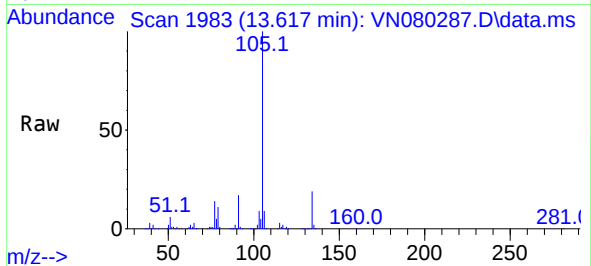




#85  
 sec-Butylbenzene  
 Concen: 45.242 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

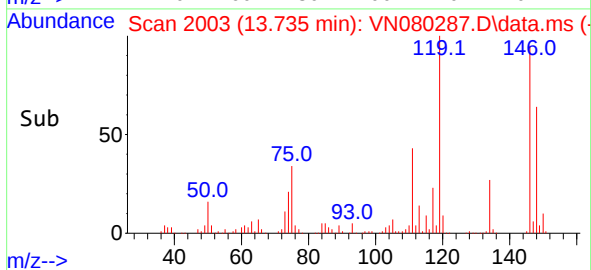
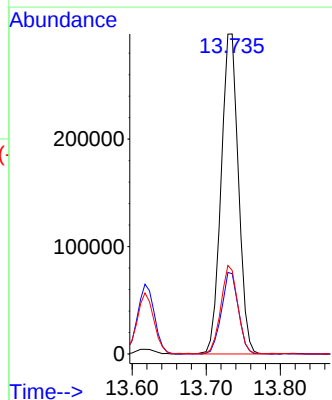
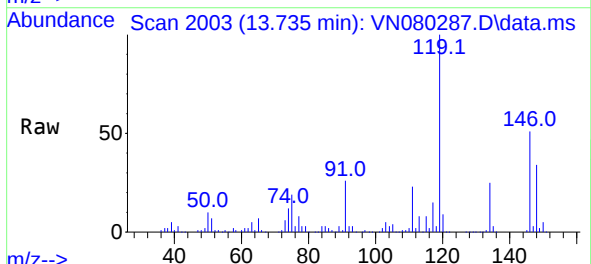
Instrument :  
 MSVOA\_N  
 ClientSampleId :

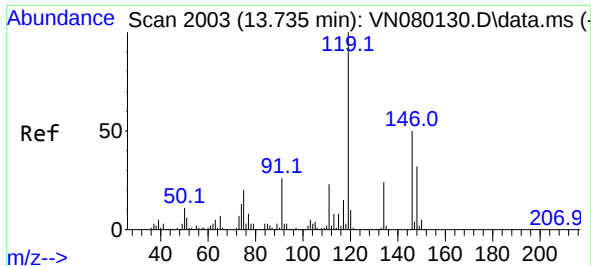
Tgt Ion:105 Resp: 524460  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 46.666 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.006 min  
 Lab File: VN080287.D  
 Acq: 27 Nov 2023 19:57

Tgt Ion:119 Resp: 483248  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.6 37.8  
 91 26.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 42.934 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

Instrument :

MSVOA\_N

ClientSampleId :

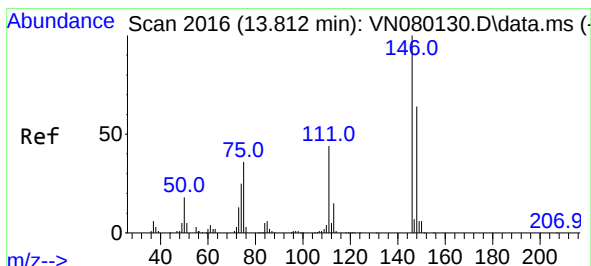
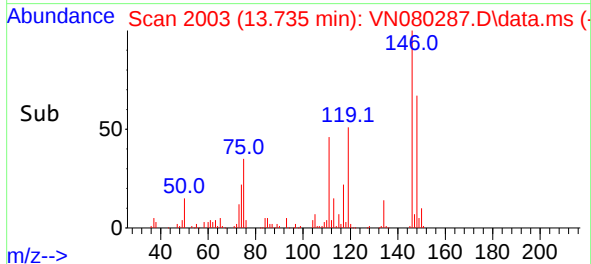
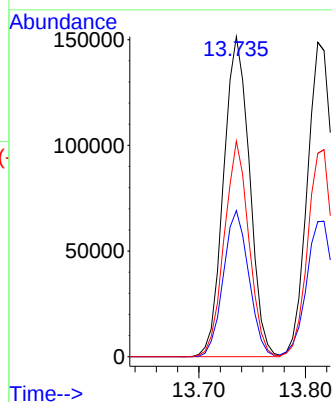
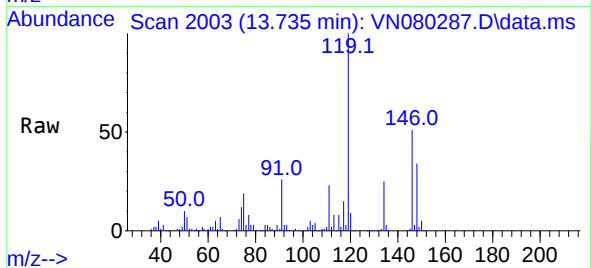
Tgt Ion:146 Resp: 256008

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.3

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 42.196 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN080287.D

Acq: 27 Nov 2023 19:57

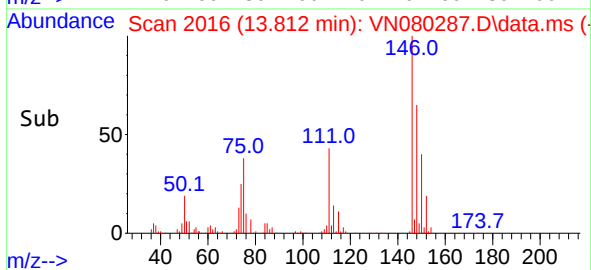
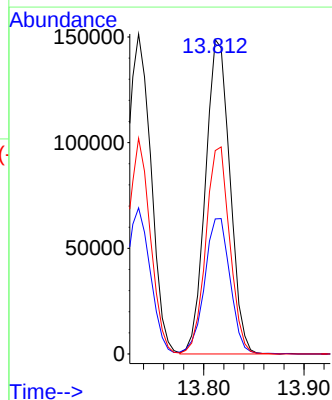
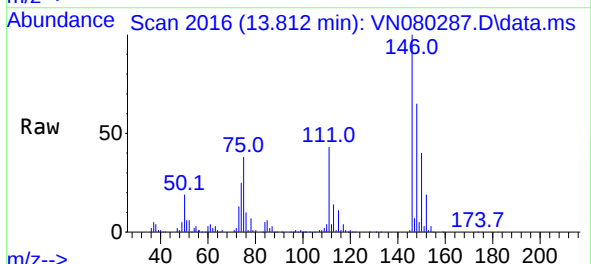
Tgt Ion:146 Resp: 252852

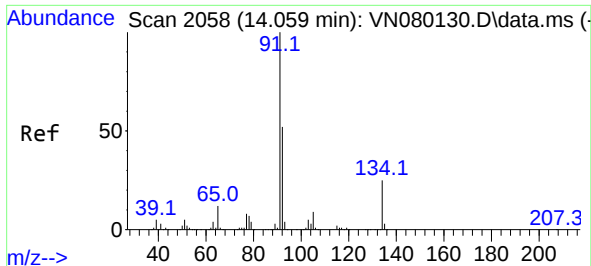
Ion Ratio Lower Upper

146 100

111 45.0 20.6 61.8

148 64.5 31.6 94.8

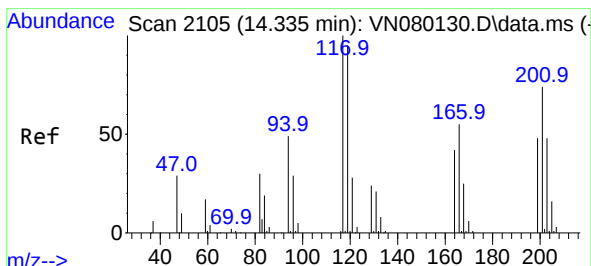
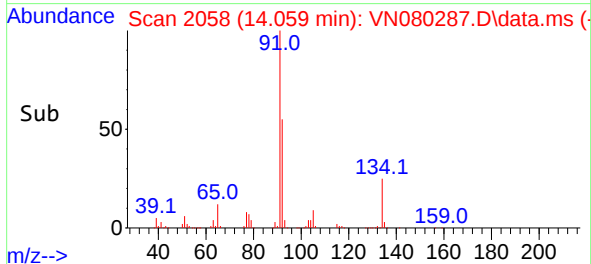
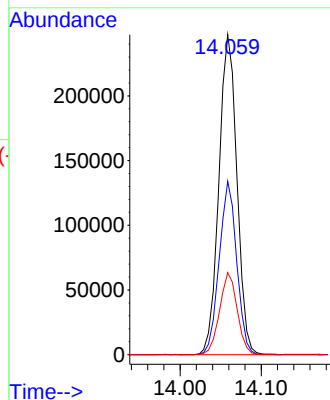
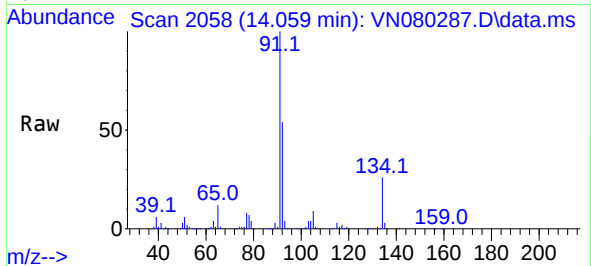




#89  
n-Butylbenzene  
Concen: 44.122 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

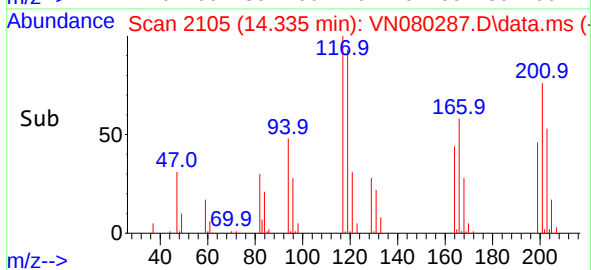
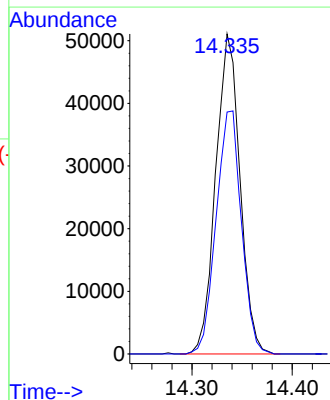
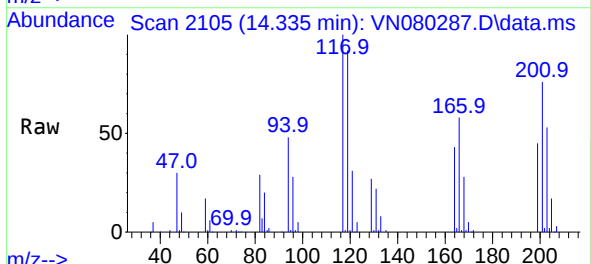
Instrument :  
MSVOA\_N  
ClientSampleId :

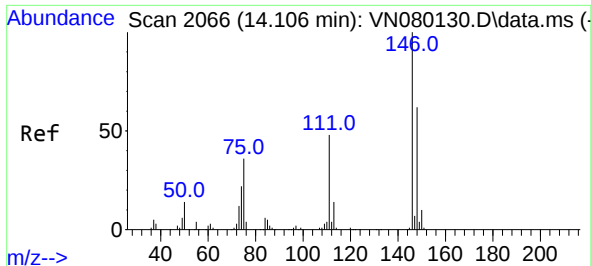
Tgt Ion: 91 Resp: 382427  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.4 79.0  
134 25.0 12.6 37.6



#90  
Hexachloroethane  
Concen: 42.572 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

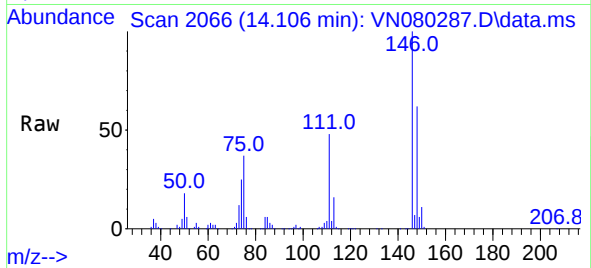
Tgt Ion: 117 Resp: 85946  
Ion Ratio Lower Upper  
117 100  
201 79.1 29.3 88.0



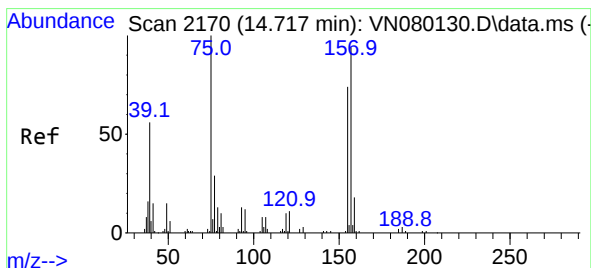
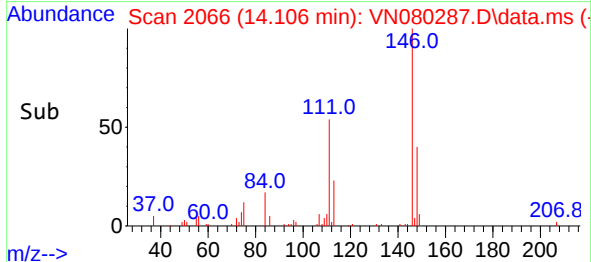
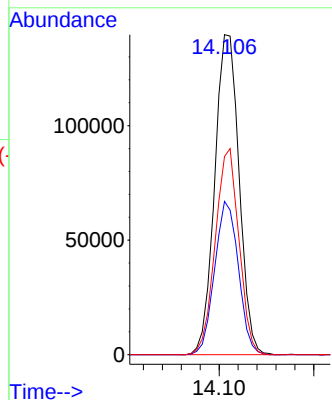


#91  
1,2-Dichlorobenzene  
Concen: 43.823 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :

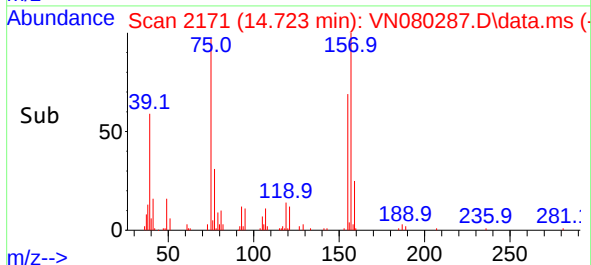
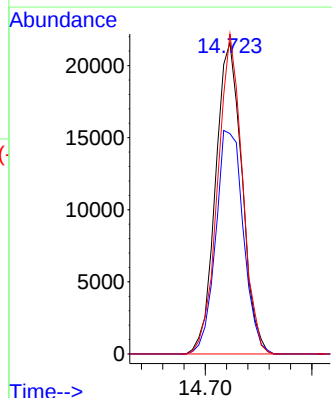
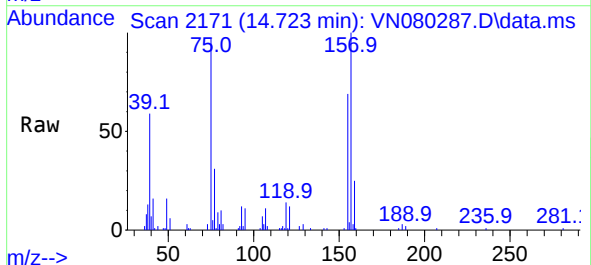


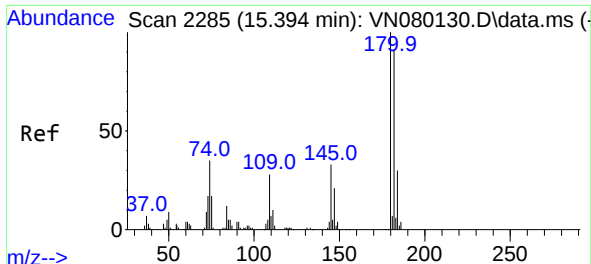
Tgt Ion:146 Resp: 250057  
Ion Ratio Lower Upper  
146 100  
111 46.7 22.0 66.0  
148 62.6 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 40.780 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion: 75 Resp: 37215  
Ion Ratio Lower Upper  
75 100  
155 75.0 39.1 117.2  
157 95.4 50.3 150.9

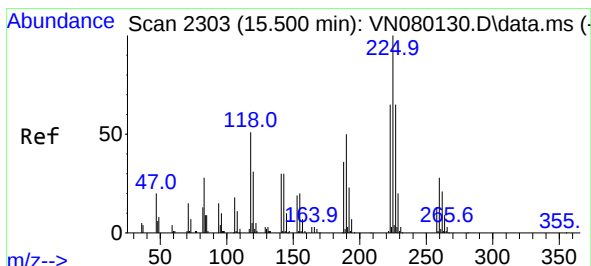
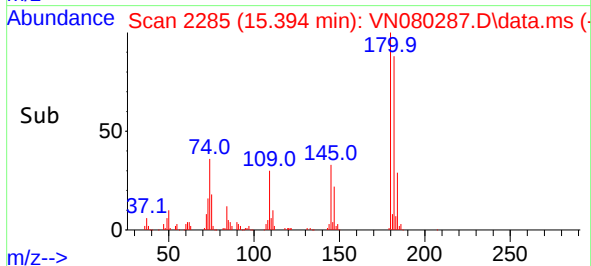
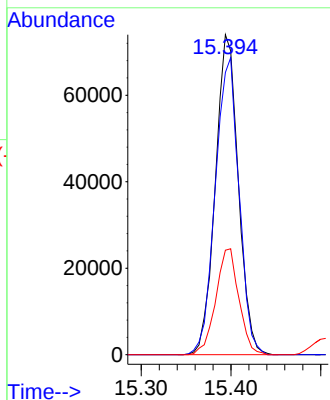
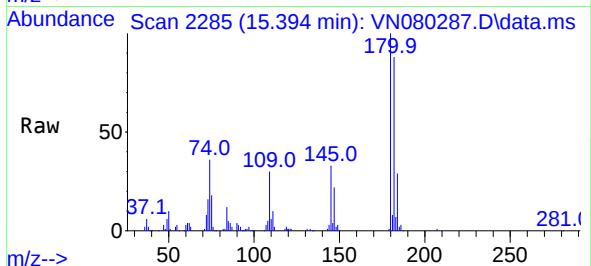




#93  
1,2,4-Trichlorobenzene  
Concen: 39.559 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

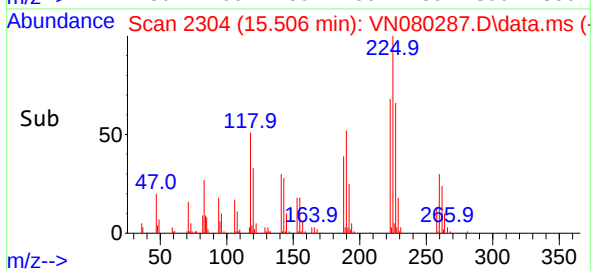
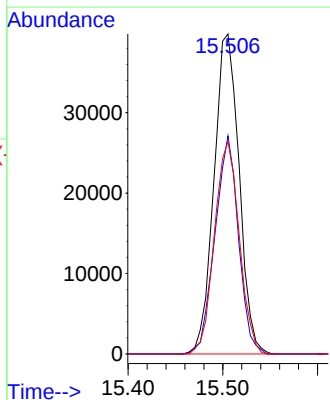
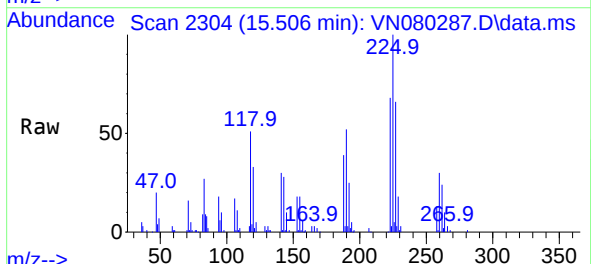
Instrument :  
MSVOA\_N  
ClientSampleId :

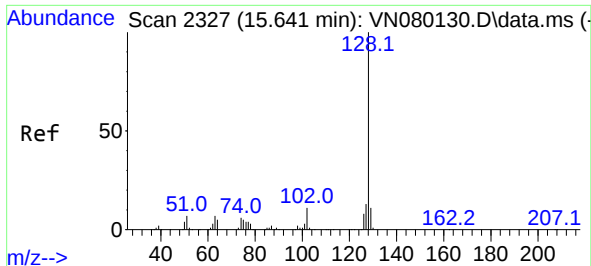
Tgt Ion:180 Resp: 131285  
Ion Ratio Lower Upper  
180 100  
182 95.9 46.1 138.2  
145 33.3 16.6 49.8



#94  
Hexachlorobutadiene  
Concen: 38.440 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. 0.005 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

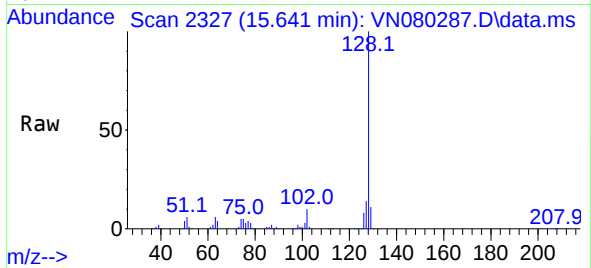
Tgt Ion:225 Resp: 73413  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.3 93.8  
227 65.4 31.9 95.9



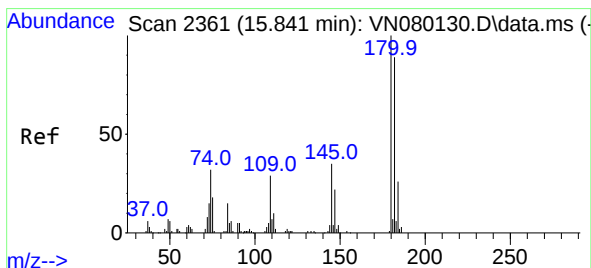
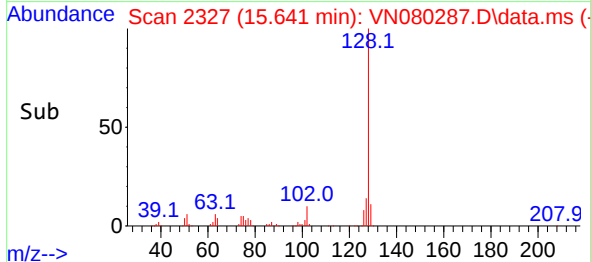
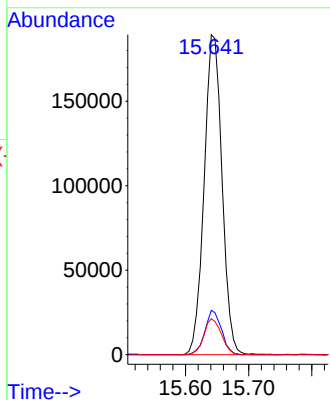


#95  
Naphthalene  
Concen: 38.724 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 372664  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 40.275 ug/l  
RT: 15.841 min Scan# 2361  
Delta R.T. -0.000 min  
Lab File: VN080287.D  
Acq: 27 Nov 2023 19:57

Tgt Ion:180 Resp: 125282  
Ion Ratio Lower Upper  
180 100  
182 97.8 46.2 138.6  
145 35.2 17.5 52.6

