

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110823\  
 Data File : VN079997.D  
 Acq On : 08 Nov 2023 17:57  
 Operator : JC\MD  
 Sample : VN1108WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 09 04:27:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N110823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Nov 09 04:02:05 2023  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Bromochloromethane        | 7.812     | 128   | 78810    | 30.000   | ug/l   | -0.01    |
| 28) 1,4-Difluorobenzene      | 9.106     | 114   | 440237   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.871    | 117   | 402994   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.583     | 65    | 202888   | 30.668   | ug/l   | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 110 | Recovery | =      | 102.233% |
| 60) 4-Bromofluorobenzene     | 12.853    | 95    | 192499   | 29.870   | ug/l   | 0.00     |
| Spiked Amount                | 30.000    | Range | 63 - 112 | Recovery | =      | 99.567%  |
| 63) Toluene-d8               | 10.571    | 98    | 580658   | 30.409   | ug/l   | 0.00     |
| Spiked Amount                | 30.000    | Range | 91 - 112 | Recovery | =      | 101.367% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124     | 85    | 100924   | 19.640   | ug/l   | 96       |
| 3) Chloromethane             | 2.359     | 50    | 132938   | 20.536   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512     | 62    | 124305   | 22.979   | ug/l   | 98       |
| 5) Bromomethane              | 2.954     | 94    | 58485    | 19.746   | ug/l   | 93       |
| 6) Chloroethane              | 3.118     | 64    | 66369    | 21.123   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.495     | 101   | 161505   | 19.893   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.959     | 74    | 56675    | 19.446   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371     | 101   | 89612    | 19.537   | ug/l   | 96       |
| 10) 1,1-Dichloroethene       | 4.342     | 96    | 87029    | 21.448   | ug/l   | 90       |
| 11) Methyl Iodide            | 4.595     | 142   | 108608   | 20.237   | ug/l   | 96       |
| 12) Methyl Acetate           | 5.024     | 43    | 204778   | 19.466   | ug/l   | 94       |
| 13) Acrolein                 | 4.189     | 56    | 86855    | 97.721   | ug/l   | 98       |
| 14) Acrylonitrile            | 5.718     | 53    | 248922   | 99.623   | ug/l   | 99       |
| 15) Acetone                  | 4.424     | 58    | 70934    | 84.076   | ug/l   | 84       |
| 16) Carbon Disulfide         | 4.712     | 76    | 252477   | 18.222   | ug/l   | 98       |
| 17) Allyl chloride           | 5.024     | 41    | 134420   | 18.959   | ug/l   | 97       |
| 18) Methylene Chloride       | 5.277     | 84    | 106582   | 19.587   | ug/l   | 95       |
| 19) trans-1,2-Dichloroethene | 5.795     | 96    | 98732    | 19.631   | ug/l   | 94       |
| 20) Diisopropyl ether        | 6.677     | 45    | 328694   | 19.838   | ug/l   | 97       |
| 21) 1,1-Dichloroethane       | 6.571     | 63    | 193861   | 19.601   | ug/l # | 94       |
| 22) cis-1,2-Dichloroethene   | 7.494     | 96    | 111795   | 19.154   | ug/l   | 98       |
| 23) tert-Butyl Alcohol       | 5.524     | 59    | 74537    | 110.518  | ug/l # | 100      |
| 24) Methyl tert-Butyl Ether  | 5.806     | 73    | 290039   | 19.413   | ug/l   | 99       |
| 25) Chloroform               | 7.965     | 83    | 196877   | 19.284   | ug/l   | 99       |
| 26) Cyclohexane              | 8.259     | 56    | 150237   | 19.309   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 8.377     | 75    | 145588   | 19.269   | ug/l   | 100      |
| 30) 2-Butanone               | 7.489     | 43    | 343801   | 95.279   | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.494     | 77    | 155850   | 19.085   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.171     | 97    | 169616   | 19.664   | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 8.365     | 117   | 146340   | 19.302   | ug/l   | 95       |
| 34) Benzene                  | 8.606     | 78    | 436234   | 19.436   | ug/l   | 97       |
| 35) Methacrylonitrile        | 7.783     | 41    | 71089    | 18.791   | ug/l   | 95       |
| 36) 1,2-Dichloroethane       | 8.671     | 62    | 156395   | 19.254   | ug/l   | 100      |
| 37) Trichloroethene          | 9.359     | 130   | 103464   | 19.168   | ug/l   | 95       |
| 38) Methylcyclohexane        | 9.606     | 83    | 131732   | 18.568   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 9.624     | 63    | 113535   | 19.111   | ug/l   | 98       |
| 40) Dibromomethane           | 9.712     | 93    | 73546    | 19.153   | ug/l   | 98       |
| 41) Bromodichloromethane     | 9.894     | 83    | 156575   | 19.687   | ug/l   | 100      |
| 42) Vinyl Acetate            | 6.606     | 43    | 871508   | 97.236   | ug/l   | 100      |

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 Sample : VN1108WBSD01  
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Nov 09 04:02:05 2023  
 Response via : Initial Calibration

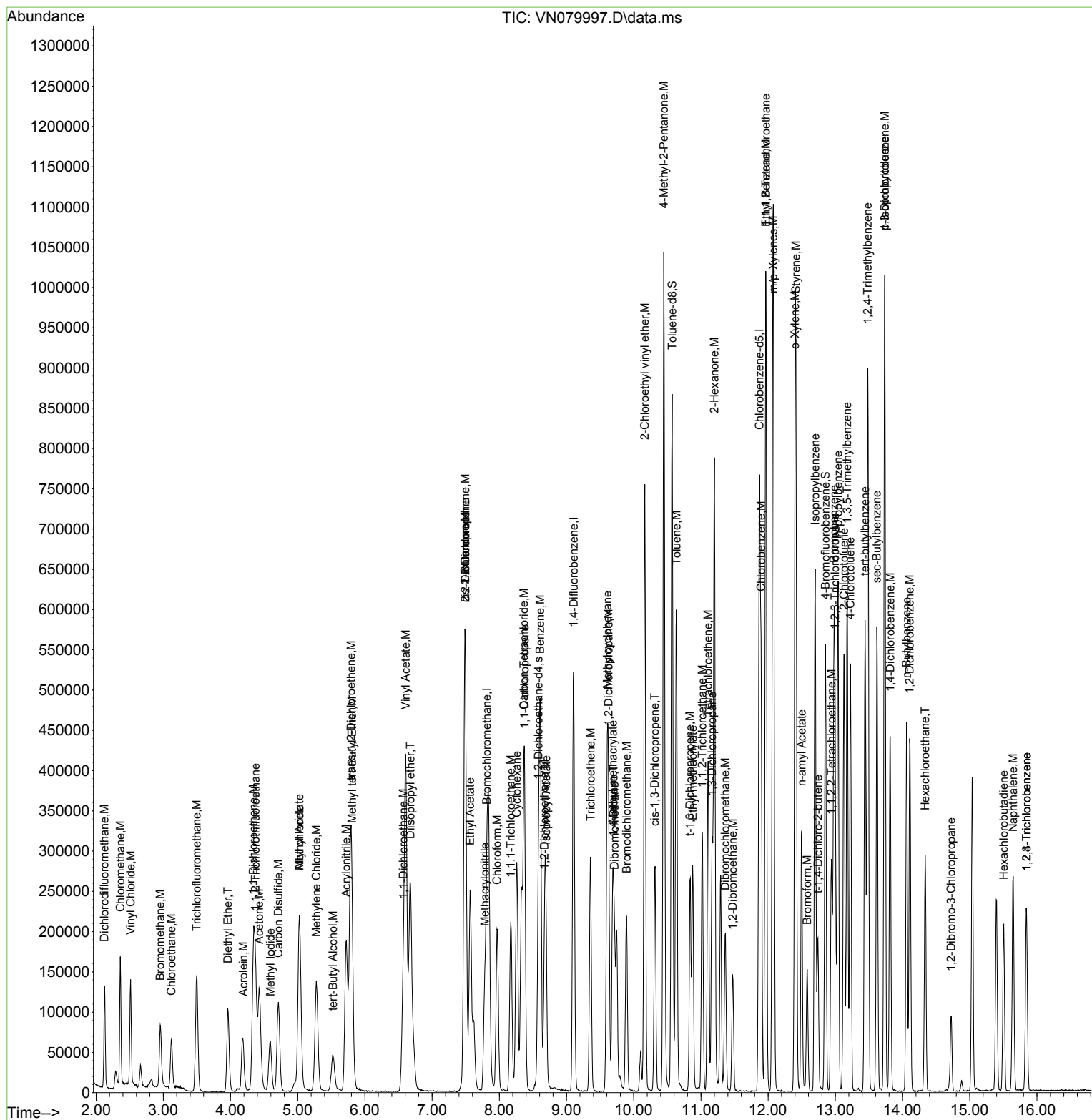
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 7.565  | 43   | 139064   | 20.516  | ug/l   | 97       |
| 44) Isopropyl Acetate         | 8.694  | 43   | 212810   | 19.268  | ug/l   | 95       |
| 45) 1,4-Dioxane               | 9.700  | 88   | 35396    | 415.847 | ug/l # | 93       |
| 46) Methyl methacrylate       | 9.688  | 41   | 104375   | 19.659  | ug/l   | 91       |
| 47) n-amyl Acetate            | 12.500 | 43   | 170309   | 19.196  | ug/l   | 96       |
| 48) t-1,3-Dichloropropene     | 10.835 | 75   | 154330   | 19.001  | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 10.312 | 75   | 174264   | 19.408  | ug/l   | 93       |
| 50) 1,1,2-Trichloroethane     | 11.018 | 97   | 102968   | 19.657  | ug/l   | 95       |
| 51) Ethyl methacrylate        | 10.877 | 69   | 144544   | 19.198  | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 11.165 | 76   | 184349   | 19.685  | ug/l   | 99       |
| 53) Dibromochloromethane      | 11.359 | 129  | 107027   | 19.099  | ug/l   | 100      |
| 54) 1,2-Dibromoethane         | 11.471 | 107  | 100286   | 19.066  | ug/l   | 95       |
| 55) 2-Chloroethyl vinyl ether | 10.165 | 63   | 334557   | 96.613  | ug/l   | 99       |
| 56) Bromoform                 | 12.582 | 173  | 69636    | 18.964  | ug/l   | 97       |
| 58) 4-Methyl-2-Pentanone      | 10.447 | 43   | 683601   | 101.535 | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 502271   | 97.933  | ug/l   | 98       |
| 61) Tetrachloroethene         | 11.106 | 164  | 93892    | 19.873  | ug/l   | 95       |
| 62) Toluene                   | 10.635 | 91   | 455952   | 19.562  | ug/l   | 99       |
| 64) Chlorobenzene             | 11.894 | 112  | 268344   | 19.292  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 100149   | 19.628  | ug/l   | 96       |
| 66) Ethyl Benzene             | 11.965 | 91   | 472789   | 19.303  | ug/l   | 100      |
| 67) m/p-Xylenes               | 12.076 | 106  | 357404   | 39.195  | ug/l   | 94       |
| 68) o-Xylene                  | 12.400 | 106  | 172817   | 19.773  | ug/l   | 99       |
| 69) Styrene                   | 12.412 | 104  | 283674   | 19.606  | ug/l   | 99       |
| 70) Isopropylbenzene          | 12.700 | 105  | 421912   | 19.352  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 146708   | 19.757  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 12.994 | 75   | 181340   | 26.283  | ug/l   | 74       |
| 73) Bromobenzene              | 12.982 | 156  | 102003   | 19.031  | ug/l   | 94       |
| 74) n-propylbenzene           | 13.041 | 91   | 505671   | 19.389  | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 13.129 | 91   | 318901   | 19.237  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 355318   | 19.705  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 12.741 | 75   | 42688    | 18.895  | ug/l   | 97       |
| 78) 4-Chlorotoluene           | 13.223 | 91   | 316513   | 19.224  | ug/l   | 99       |
| 79) tert-butylbenzene         | 13.441 | 119  | 271795   | 19.246  | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 349014   | 19.739  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 13.618 | 105  | 386644   | 19.396  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 13.735 | 119  | 312279   | 19.289  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 13.735 | 146  | 184415   | 18.883  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 13.818 | 146  | 182719   | 19.061  | ug/l   | 97       |
| 85) n-Butylbenzene            | 14.059 | 91   | 246137   | 18.178  | ug/l   | 96       |
| 86) Hexachloroethane          | 14.335 | 117  | 59552    | 18.917  | ug/l   | 94       |
| 87) 1,2-Dichlorobenzene       | 14.106 | 146  | 179646   | 19.254  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 26050    | 19.184  | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 15.847 | 180  | 80431    | 18.607  | ug/l   | 96       |
| 90) Hexachlorobutadiene       | 15.506 | 225  | 37526    | 17.615  | ug/l   | 97       |
| 91) Naphthalene               | 15.647 | 128  | 243559   | 17.558  | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 80431    | 18.607  | ug/l   | 96       |

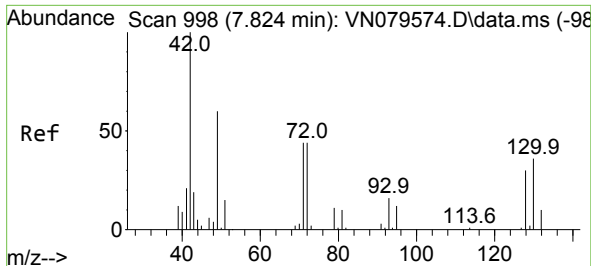
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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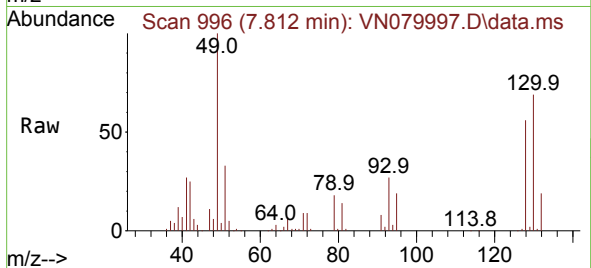
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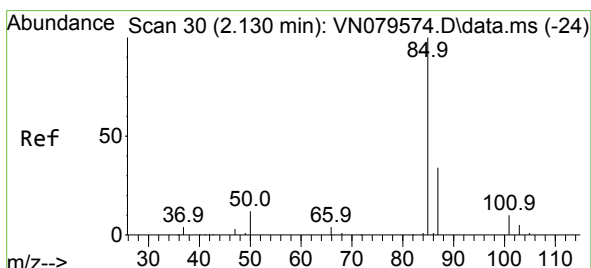
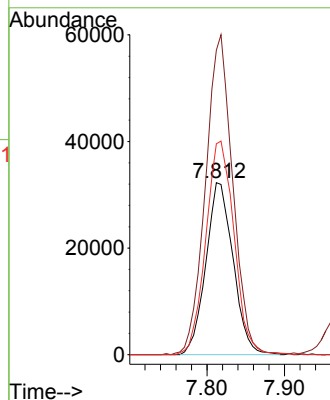
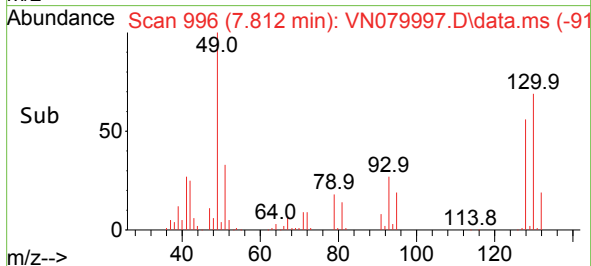


#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.812 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

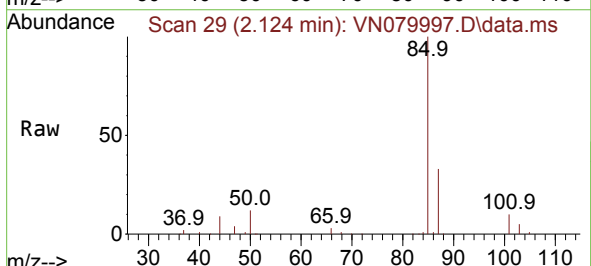
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MSVOA\_N  
ClientSampleId :



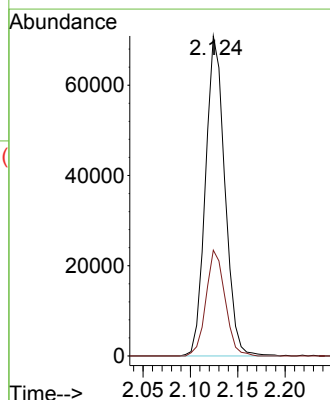
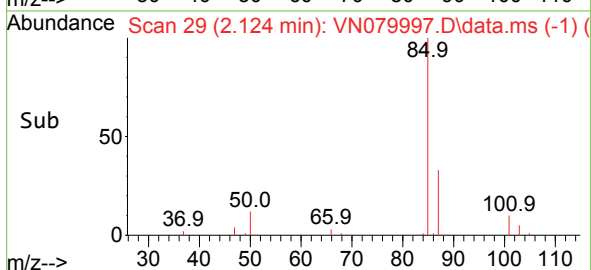
Tgt Ion:128 Resp: 78810  
Ion Ratio Lower Upper  
128 100  
49 186.1 0.0 468.5  
130 128.6 0.0 320.7

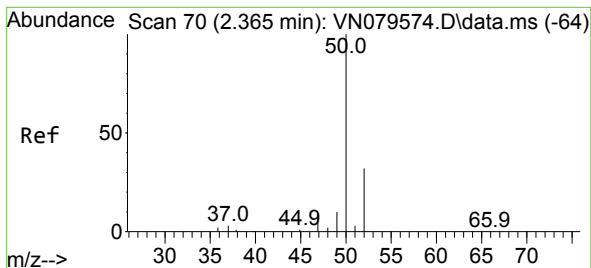


#2  
Dichlorodifluoromethane  
Concen: 19.640 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57



Tgt Ion: 85 Resp: 100924  
Ion Ratio Lower Upper  
85 100  
87 33.1 15.6 46.7





#3

Chloromethane

Concen: 20.536 ug/l

RT: 2.359 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

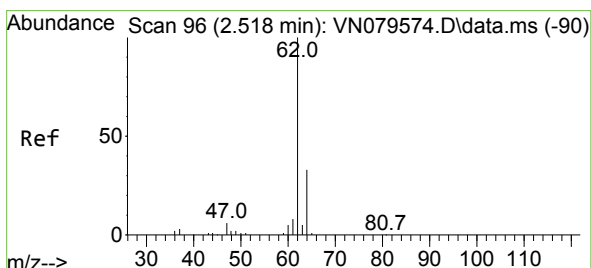
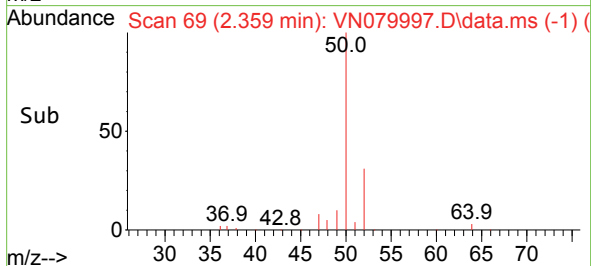
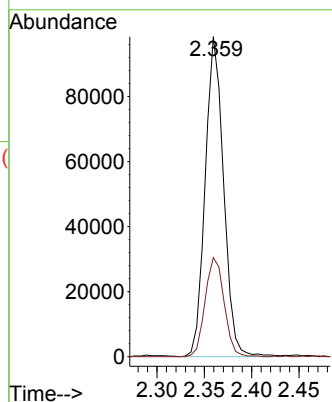
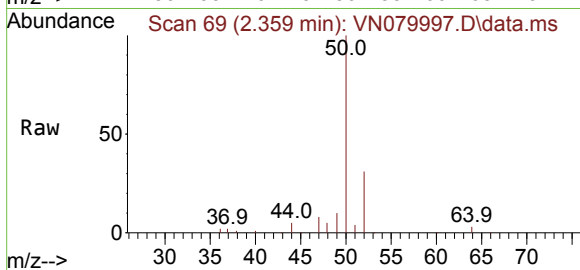
ClientSampleId :

Tgt Ion: 50 Resp: 132938

Ion Ratio Lower Upper

50 100

52 31.0 25.6 38.4



#4

Vinyl Chloride

Concen: 22.979 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN079997.D

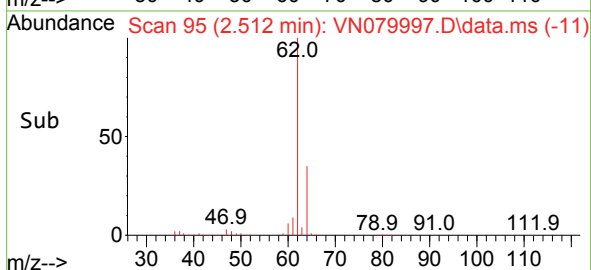
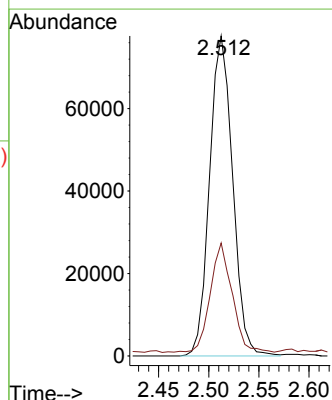
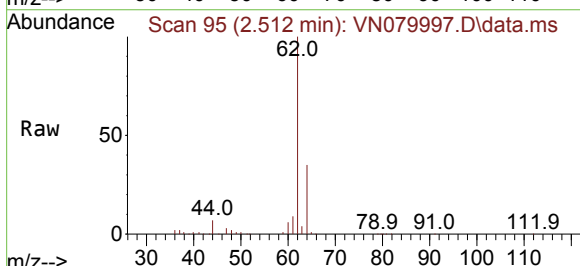
Acq: 08 Nov 2023 17:57

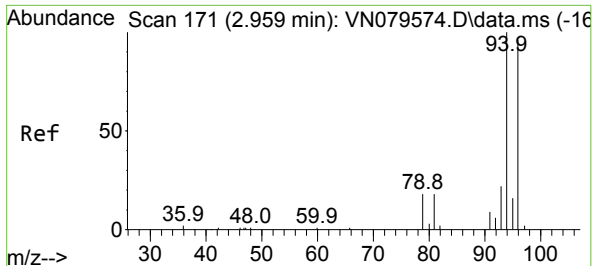
Tgt Ion: 62 Resp: 124305

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6

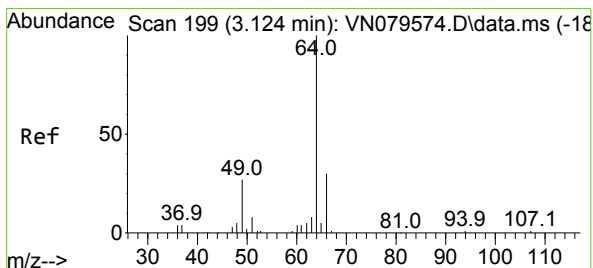
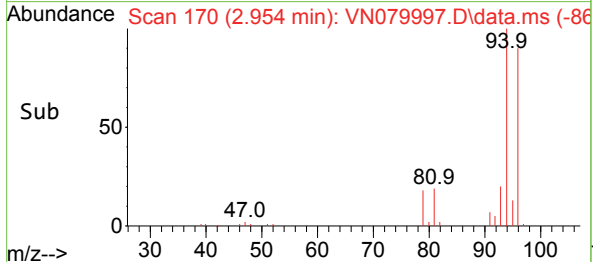
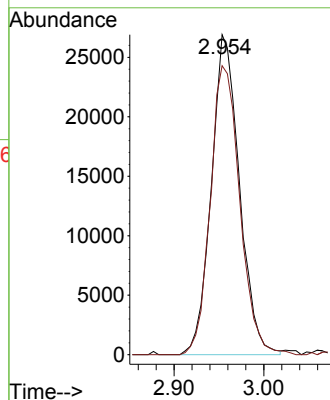
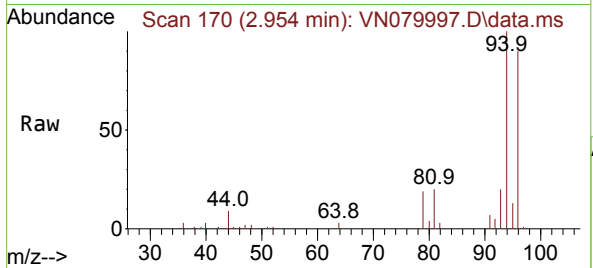




#5  
Bromomethane  
Concen: 19.746 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

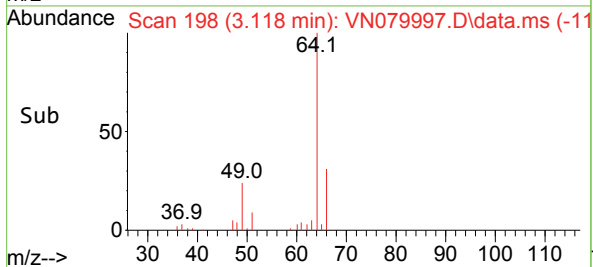
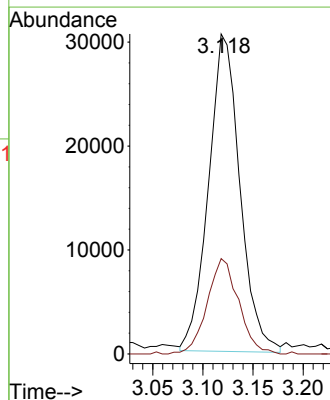
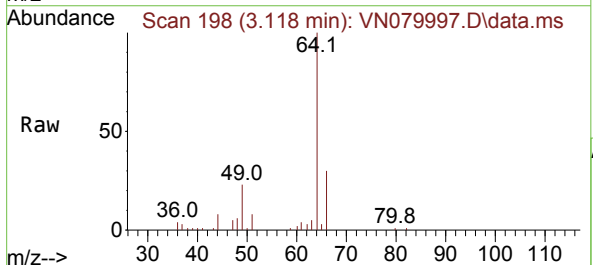
Instrument :  
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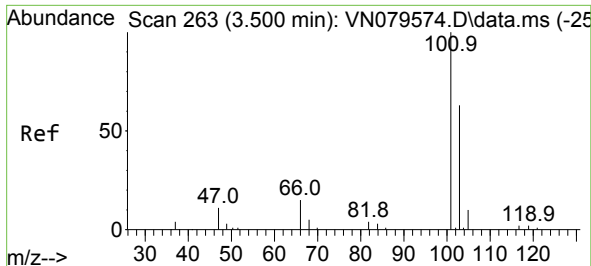
Tgt Ion: 94 Resp: 58485  
Ion Ratio Lower Upper  
94 100  
96 90.3 77.8 116.6



#6  
Chloroethane  
Concen: 21.123 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 64 Resp: 66369  
Ion Ratio Lower Upper  
64 100  
66 30.5 23.3 34.9

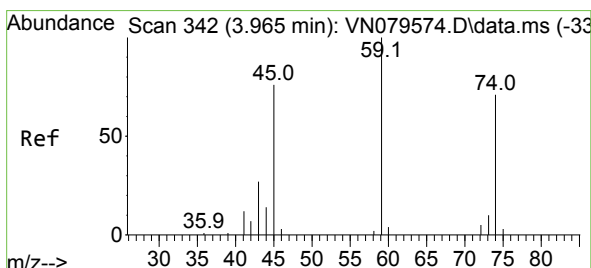
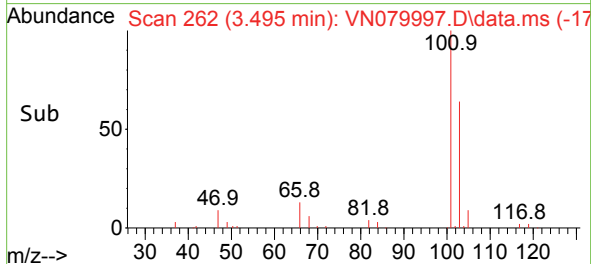
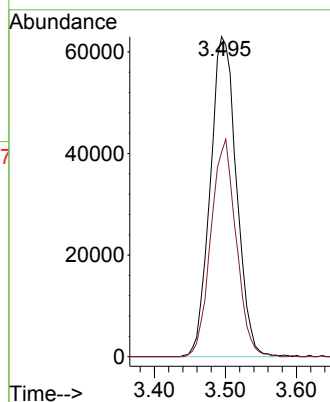
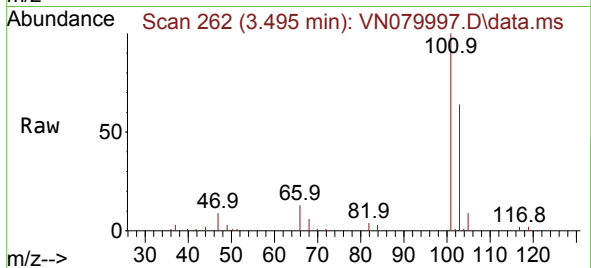




#7  
 Trichlorofluoromethane  
 Concen: 19.893 ug/l  
 RT: 3.495 min Scan# 2  
 Delta R.T. -0.005 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

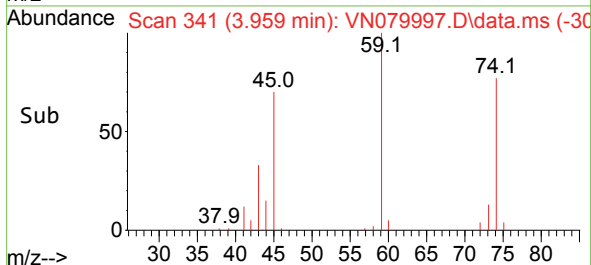
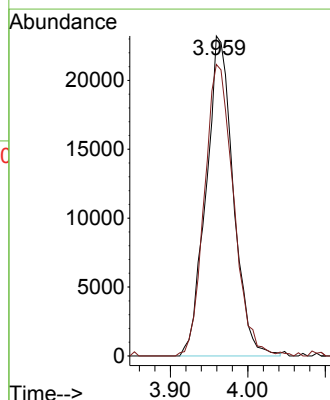
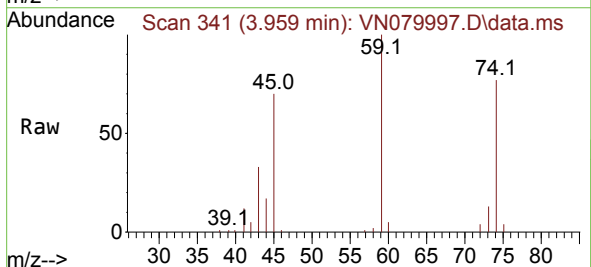
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 MSVOA\_N  
 ClientSampleId :

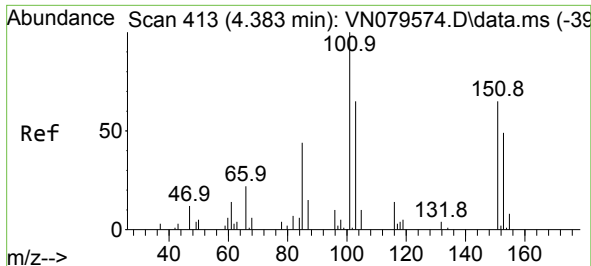
Tgt Ion:101 Resp: 161505  
 Ion Ratio Lower Upper  
 101 100  
 103 64.0 49.9 74.9



#8  
 Diethyl Ether  
 Concen: 19.446 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.006 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

Tgt Ion: 74 Resp: 56675  
 Ion Ratio Lower Upper  
 74 100  
 45 97.3 19.0 171.0

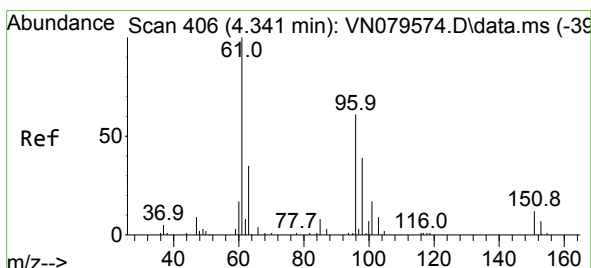
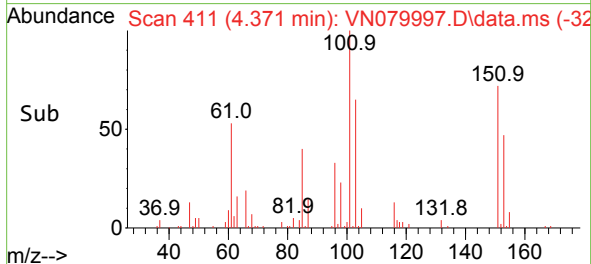
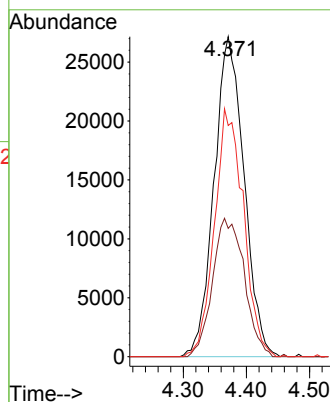
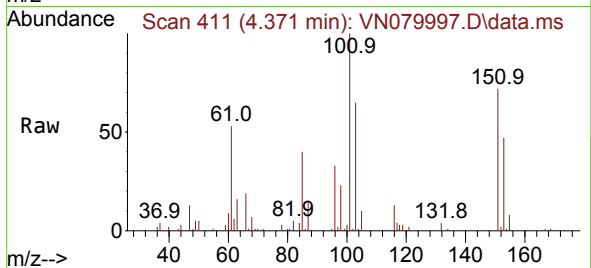




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.537 ug/l  
RT: 4.371 min Scan# 413  
Delta R.T. -0.012 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

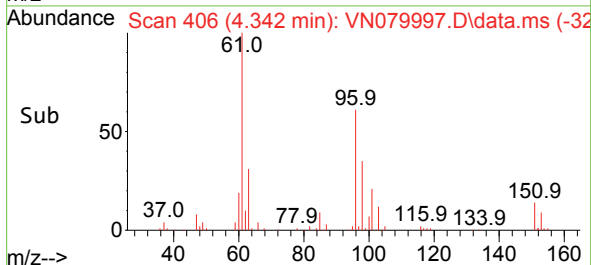
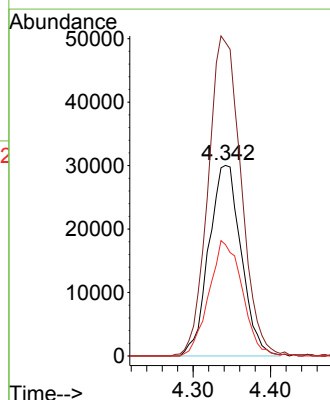
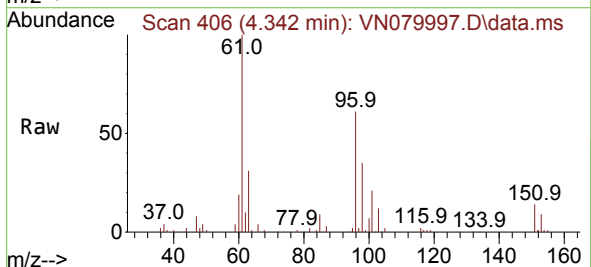
Instrument :  
MSVOA\_N  
ClientSampleId :

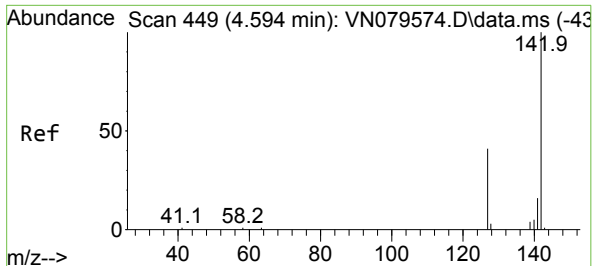
Tgt Ion:101 Resp: 89612  
Ion Ratio Lower Upper  
101 100  
85 45.7 0.0 92.0  
151 74.9 0.0 138.4



#10  
1,1-Dichloroethene  
Concen: 21.448 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

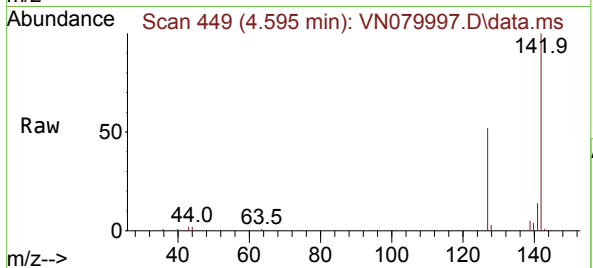
Tgt Ion: 96 Resp: 87029  
Ion Ratio Lower Upper  
96 100  
61 163.5 141.3 211.9  
98 58.4 53.2 79.8



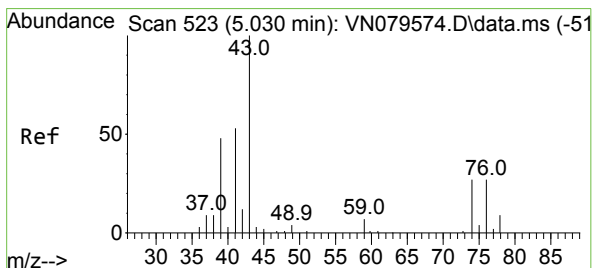
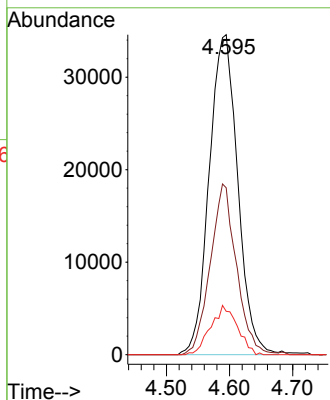
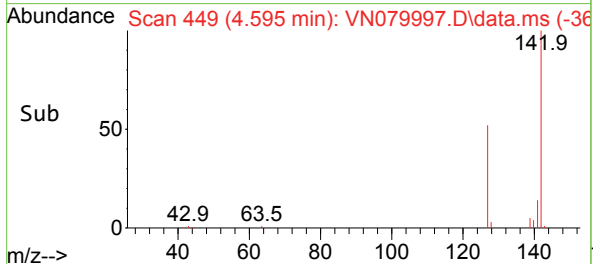


#11  
Methyl Iodide  
Concen: 20.237 ug/l  
RT: 4.595 min Scan# 449  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Instrument :  
MSVOA\_N  
ClientSampleId :

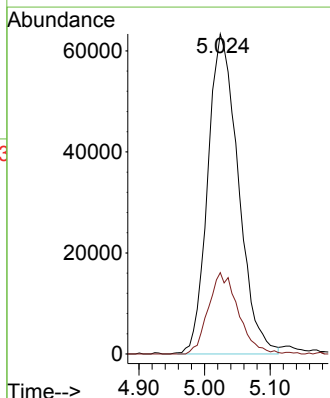
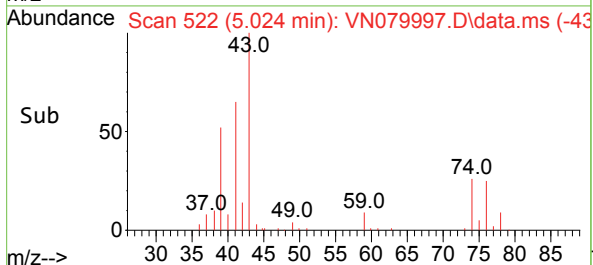
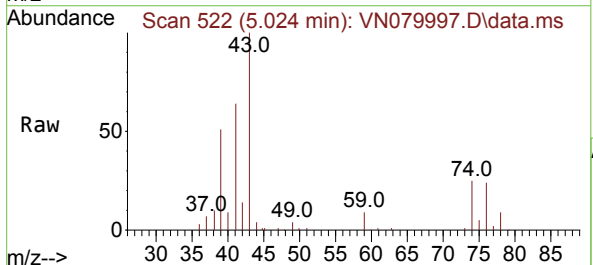


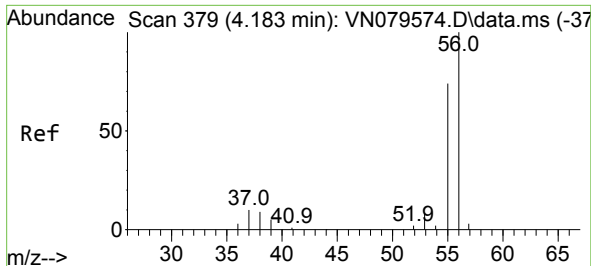
Tgt Ion:142 Resp: 108608  
Ion Ratio Lower Upper  
142 100  
127 52.1 24.6 73.8  
141 13.6 7.7 23.1



#12  
Methyl Acetate  
Concen: 19.466 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 204778  
Ion Ratio Lower Upper  
43 100  
74 25.5 18.1 27.1

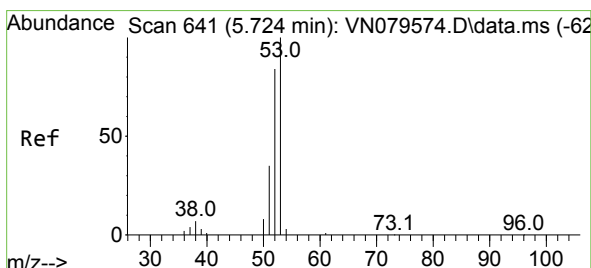
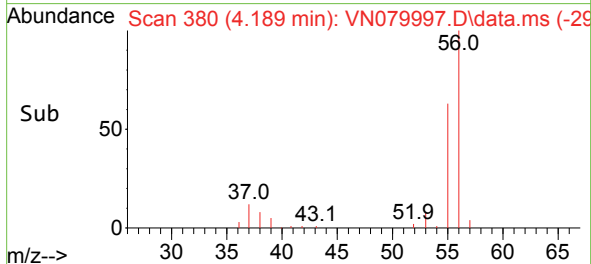
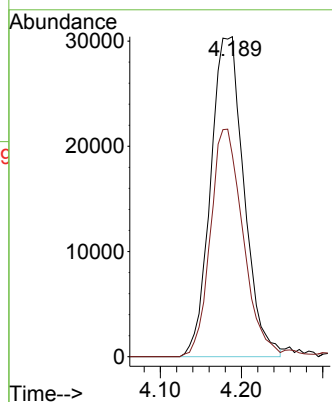
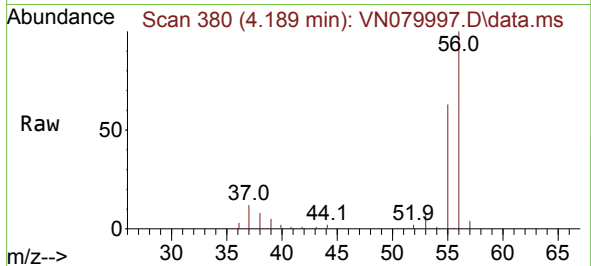




#13  
Acrolein  
Concen: 97.721 ug/l  
RT: 4.189 min Scan# 379  
Delta R.T. 0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

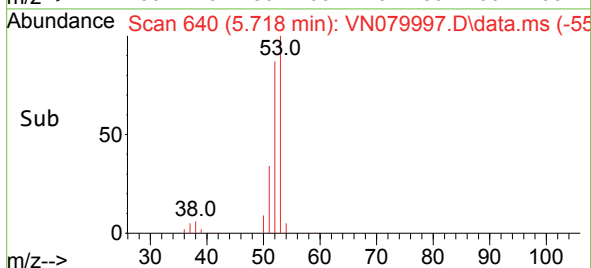
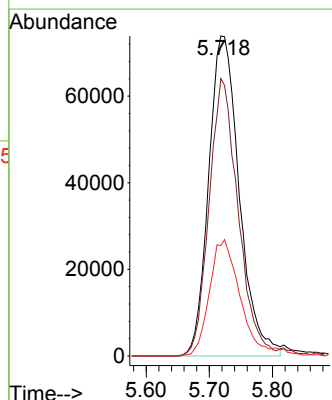
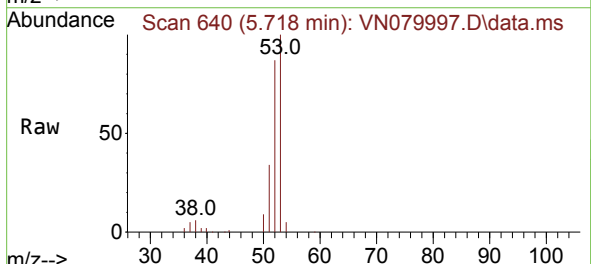
Instrument :  
MSVOA\_N  
ClientSampleId :

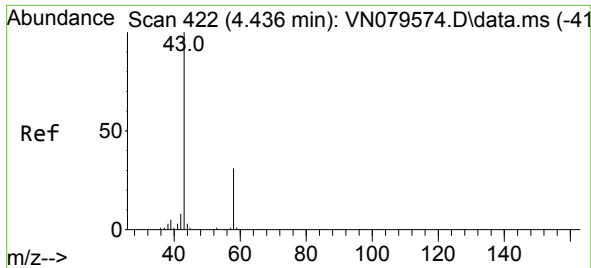
Tgt Ion: 56 Resp: 86855  
Ion Ratio Lower Upper  
56 100  
55 69.4 57.1 85.7



#14  
Acrylonitrile  
Concen: 99.623 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 53 Resp: 248922  
Ion Ratio Lower Upper  
53 100  
52 81.9 41.6 124.9  
51 35.7 17.8 53.3





#15

Acetone

Concen: 84.076 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

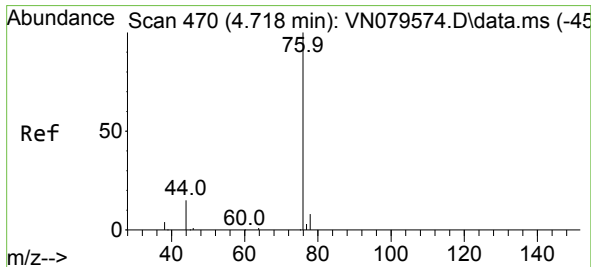
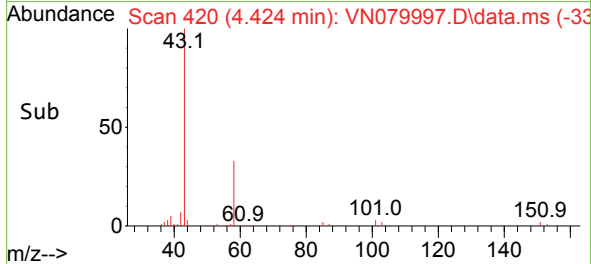
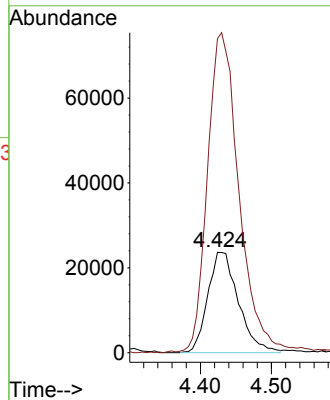
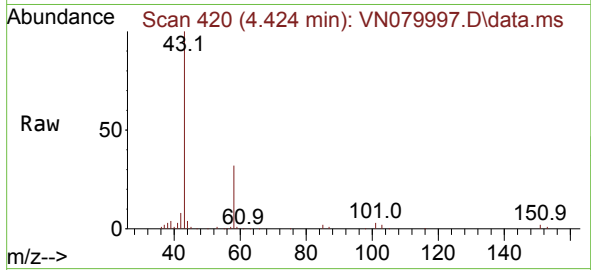
ClientSampleId :

Tgt Ion: 58 Resp: 70934

Ion Ratio Lower Upper

58 100

43 311.6 225.2 337.8



#16

Carbon Disulfide

Concen: 18.222 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079997.D

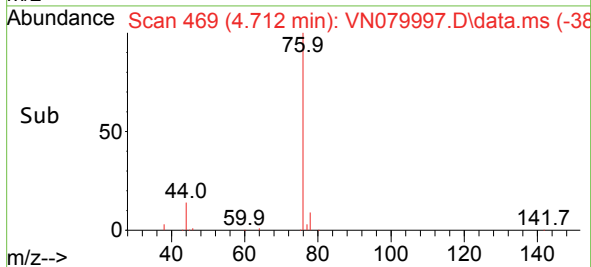
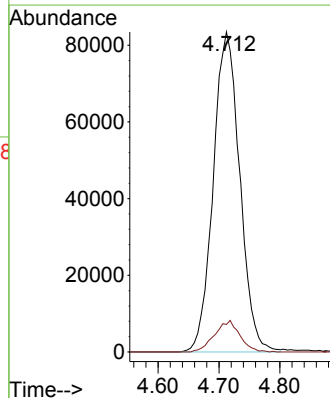
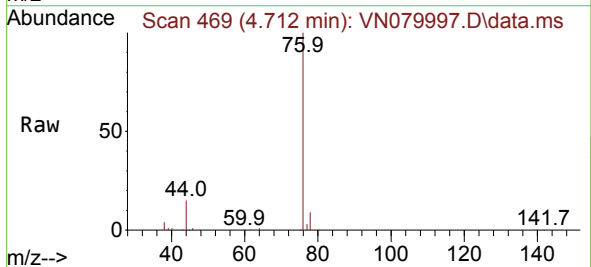
Acq: 08 Nov 2023 17:57

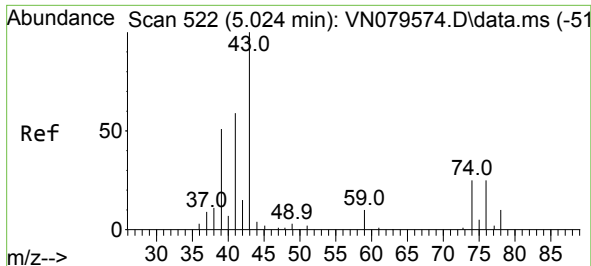
Tgt Ion: 76 Resp: 252477

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





#17

Allyl chloride

Concen: 18.959 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

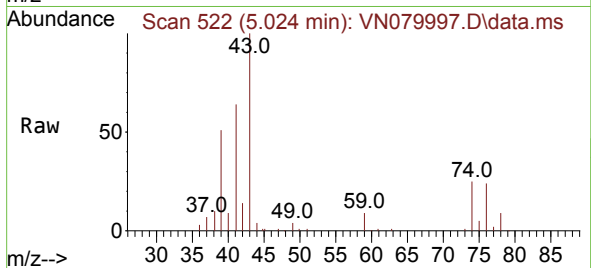
Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

ClientSampleId :



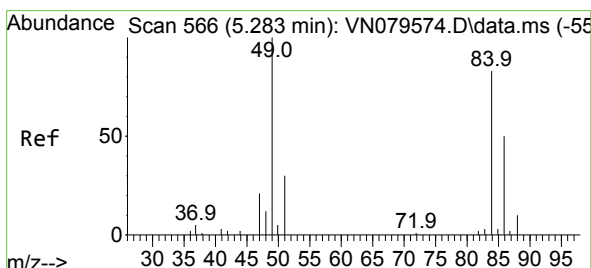
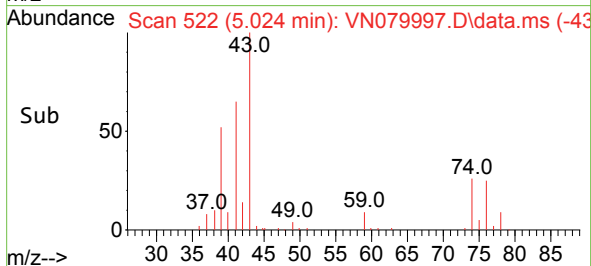
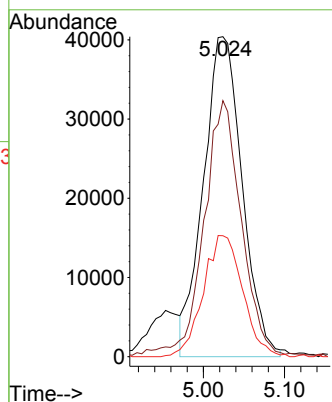
Tgt Ion: 41 Resp: 134420

Ion Ratio Lower Upper

41 100

39 80.5 38.4 115.2

76 38.1 19.5 58.5



#18

Methylene Chloride

Concen: 19.587 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Tgt Ion: 84 Resp: 106582

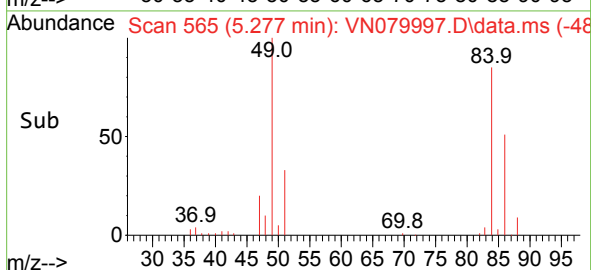
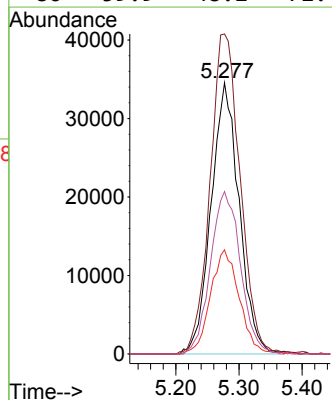
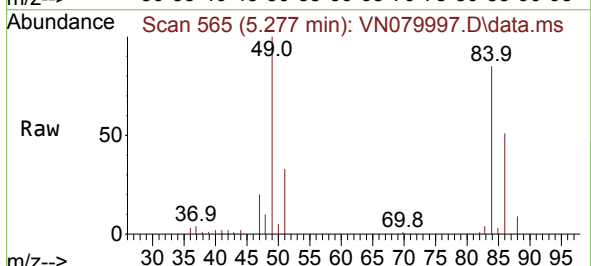
Ion Ratio Lower Upper

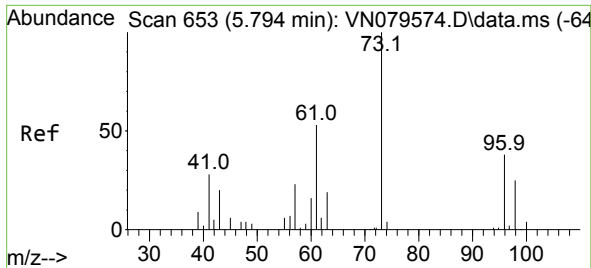
84 100

49 117.2 100.9 151.3

51 38.4 29.4 44.2

86 59.9 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

ClientSampleId :

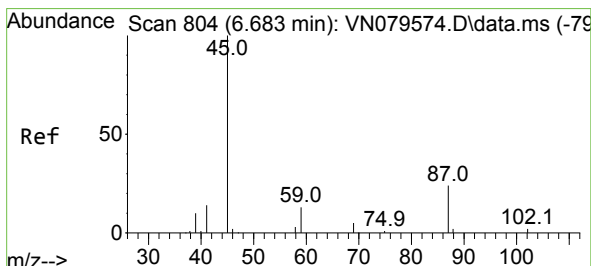
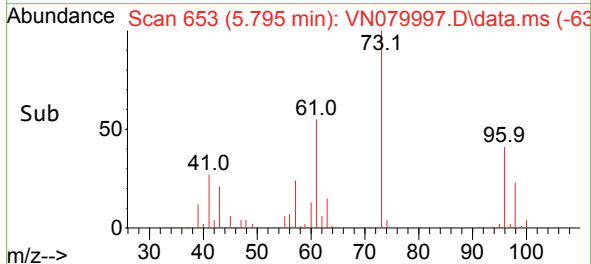
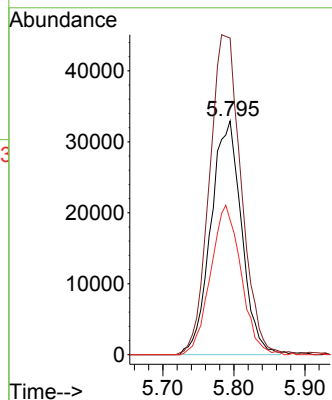
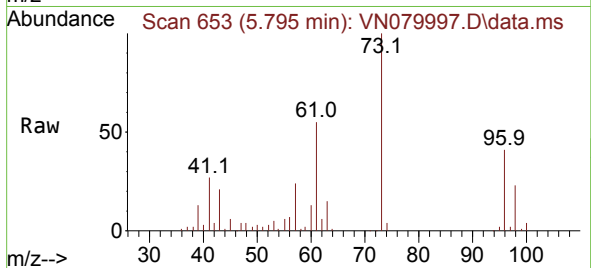
Tgt Ion: 96 Resp: 98732

Ion Ratio Lower Upper

96 100

61 134.7 113.4 170.0

98 57.7 50.4 75.6



#20

Diisopropyl ether

Concen: 19.838 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Tgt Ion: 45 Resp: 328694

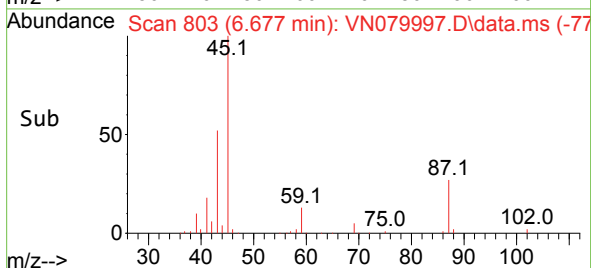
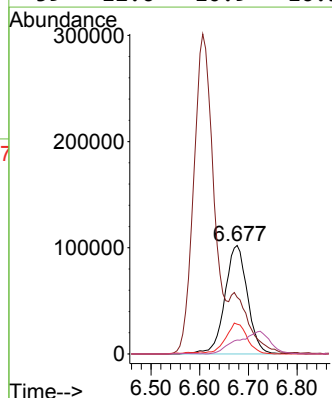
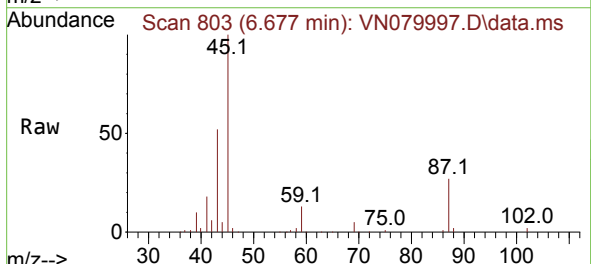
Ion Ratio Lower Upper

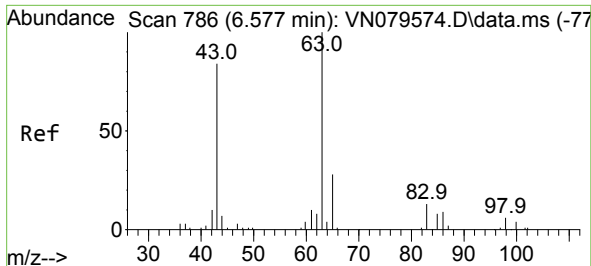
45 100

43 50.4 42.1 63.1

87 27.4 20.5 30.7

59 12.6 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.601 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

ClientSampleId :

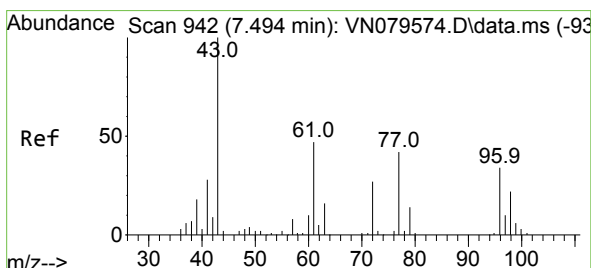
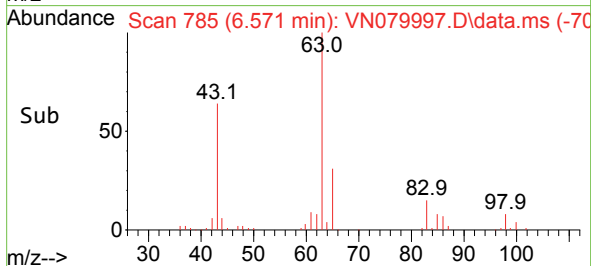
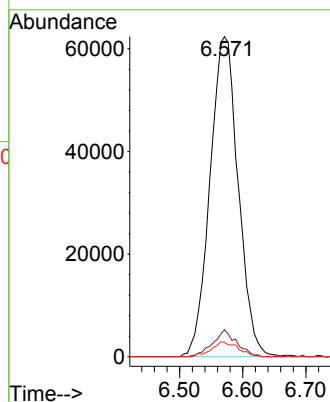
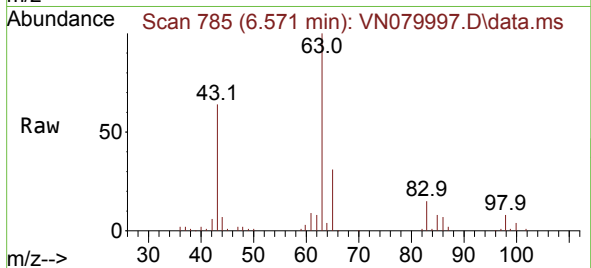
Tgt Ion: 63 Resp: 193861

Ion Ratio Lower Upper

63 100

98 8.5 2.8 8.4#

100 4.5 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 19.154 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

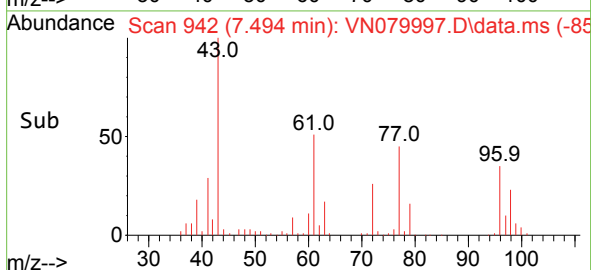
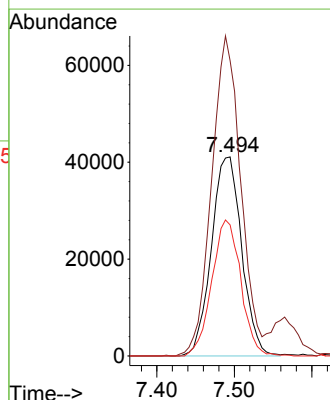
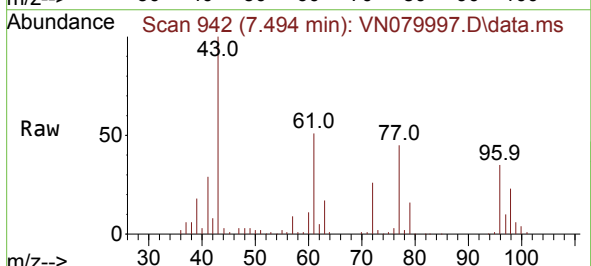
Tgt Ion: 96 Resp: 111795

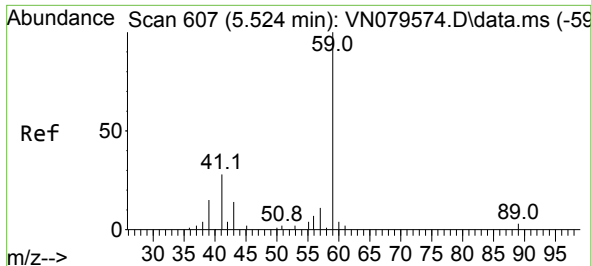
Ion Ratio Lower Upper

96 100

61 154.0 124.6 186.8

98 65.4 54.2 81.4

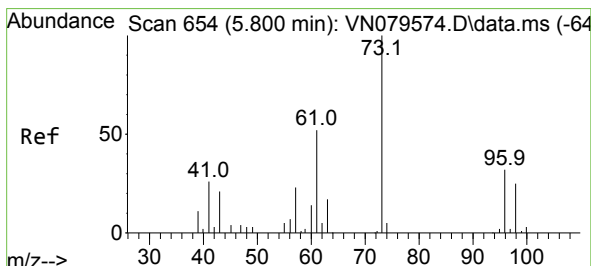
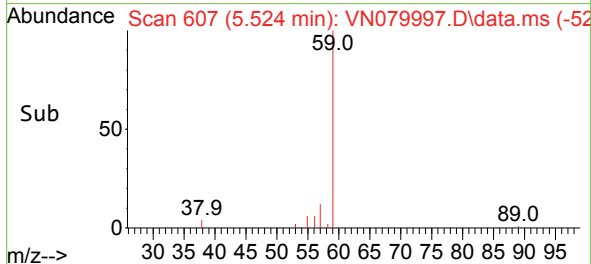
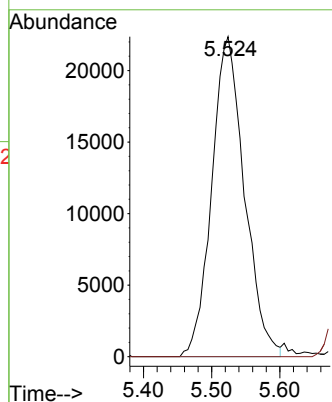
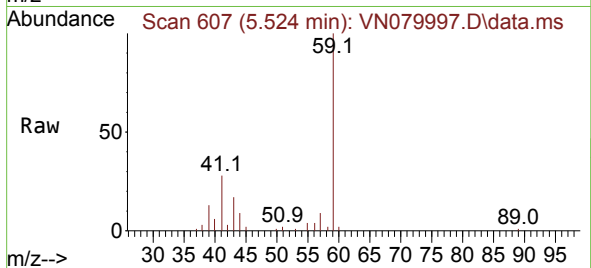




#23  
tert-Butyl Alcohol  
Concen: 110.518 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

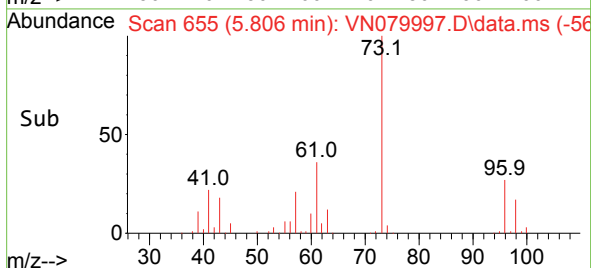
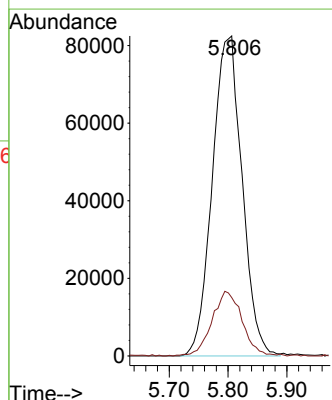
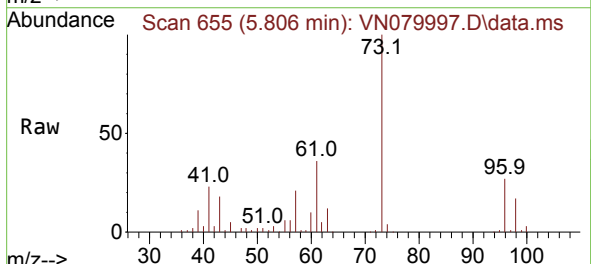
Instrument :  
MSVOA\_N  
ClientSampleId :

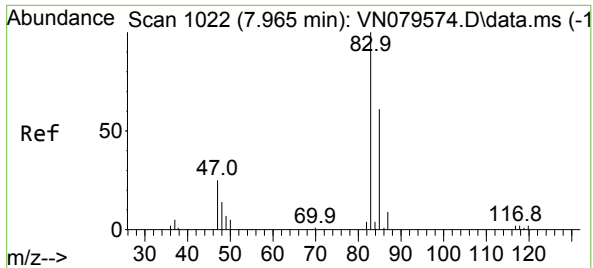
Tgt Ion: 59 Resp: 74537  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0



#24  
Methyl tert-Butyl Ether  
Concen: 19.413 ug/l  
RT: 5.806 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 73 Resp: 290039  
Ion Ratio Lower Upper  
73 100  
43 20.3 16.6 24.8

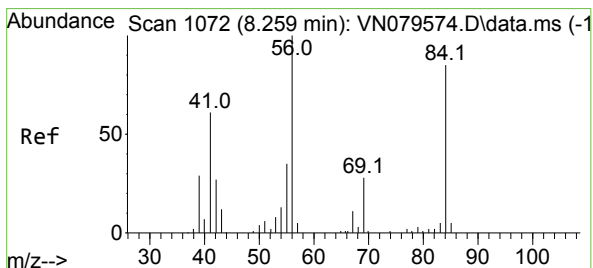
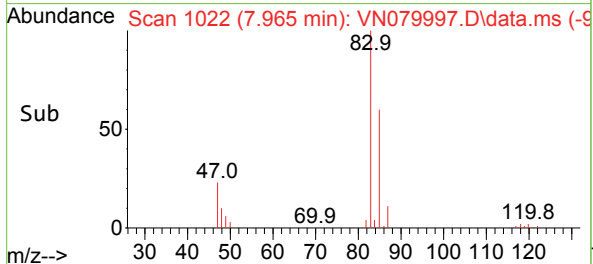
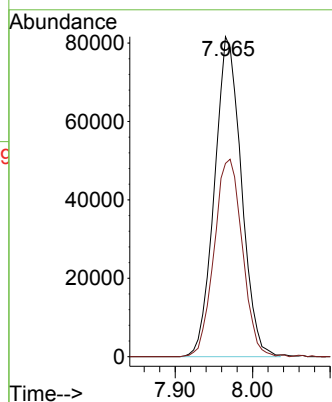
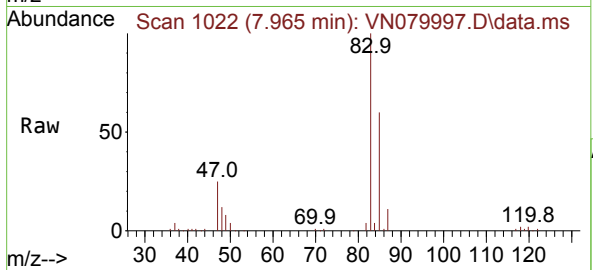




#25  
Chloroform  
Concen: 19.284 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

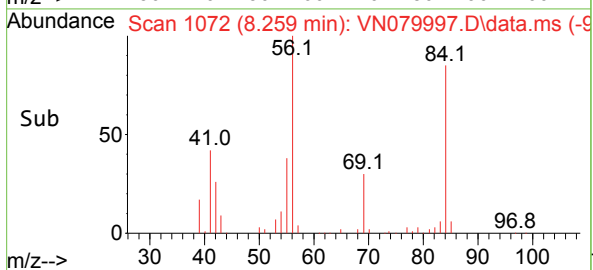
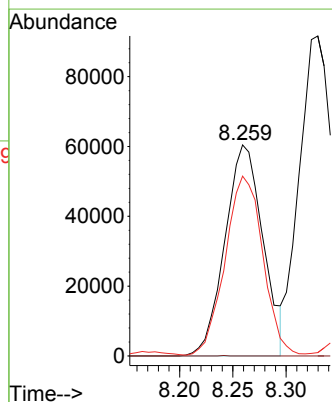
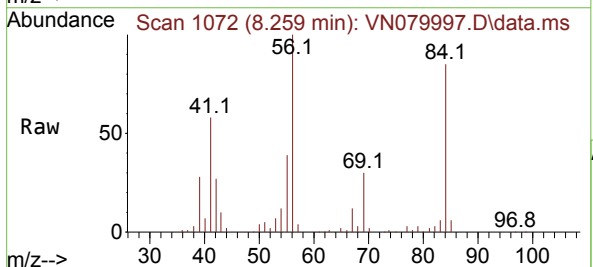
Instrument :  
MSVOA\_N  
ClientSampleId :

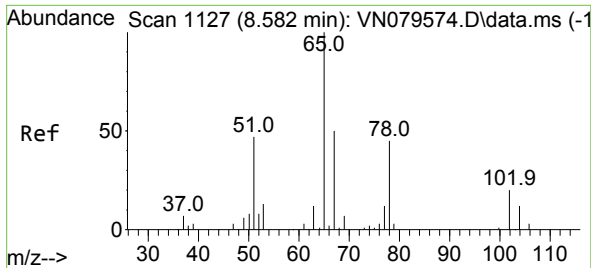
Tgt Ion: 83 Resp: 196877  
Ion Ratio Lower Upper  
83 100  
85 60.4 47.4 71.2



#26  
Cyclohexane  
Concen: 19.309 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 56 Resp: 150237  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.9 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.668 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

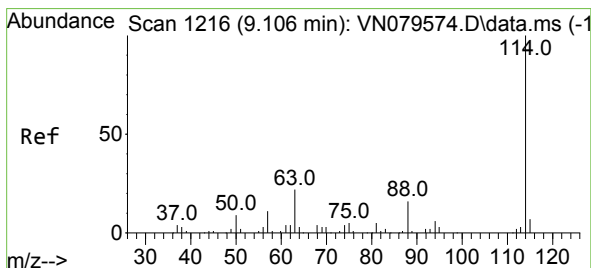
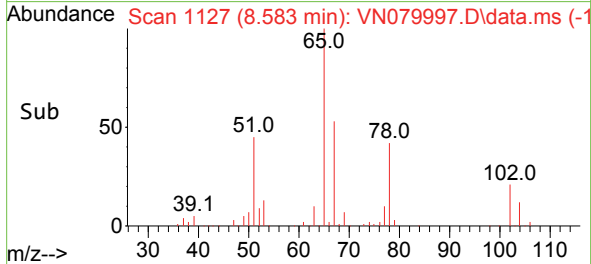
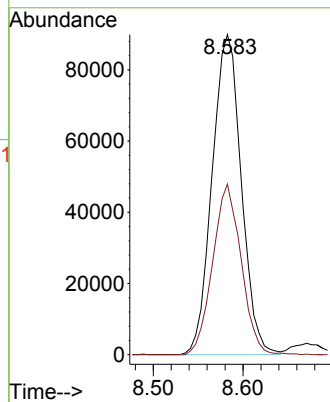
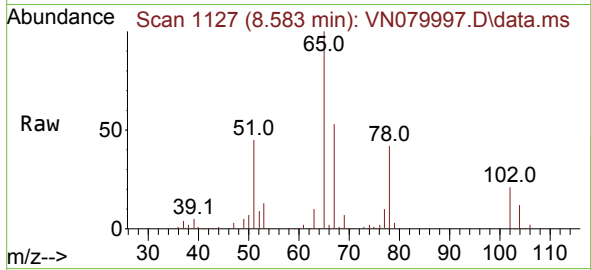
ClientSampleId :

Tgt Ion: 65 Resp: 202888

Ion Ratio Lower Upper

65 100

67 51.7 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

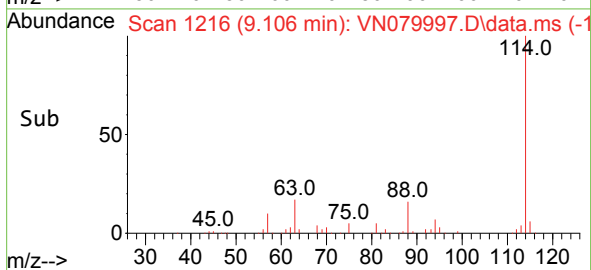
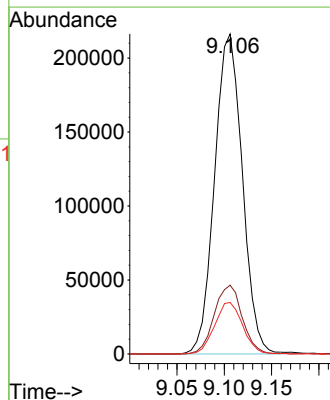
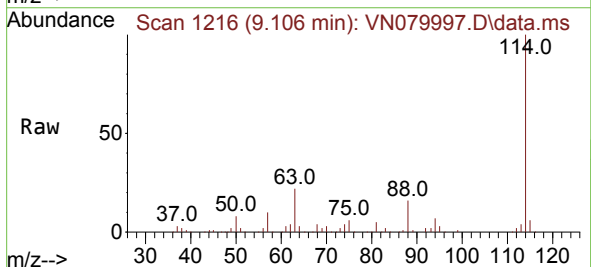
Tgt Ion: 114 Resp: 440237

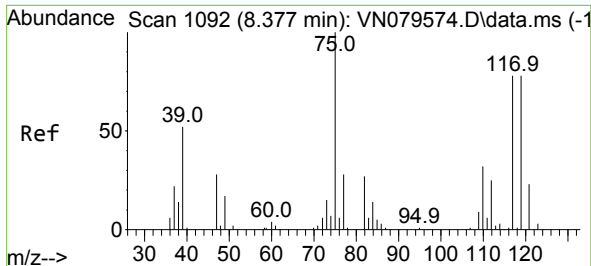
Ion Ratio Lower Upper

114 100

63 21.7 18.1 27.1

88 16.3 12.2 18.2

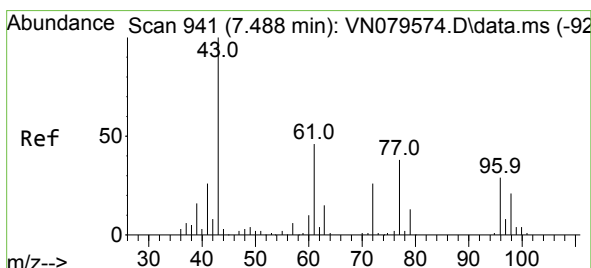
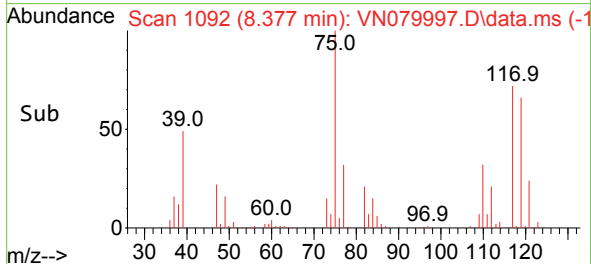
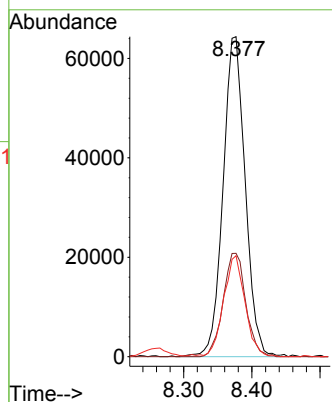
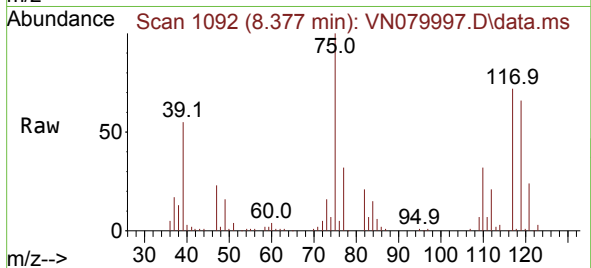




#29  
1,1-Dichloropropene  
Concen: 19.269 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

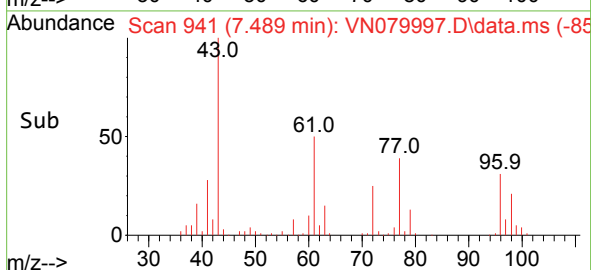
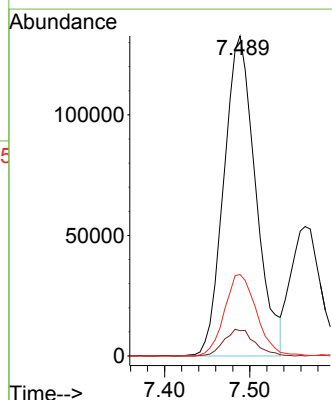
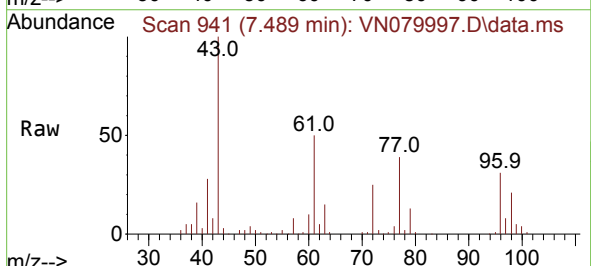
Instrument :  
MSVOA\_N  
ClientSampleId :

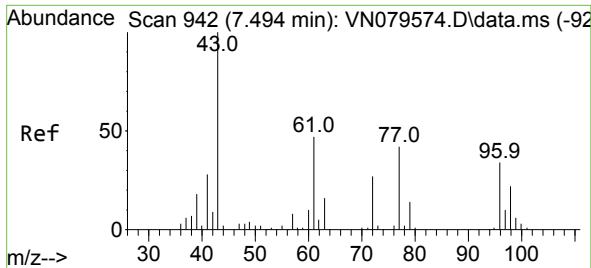
Tgt Ion: 75 Resp: 145588  
Ion Ratio Lower Upper  
75 100  
110 33.1 0.0 66.8  
77 30.5 0.0 61.2



#30  
2-Butanone  
Concen: 95.279 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 343801  
Ion Ratio Lower Upper  
43 100  
57 8.1 6.4 9.6  
72 25.8 20.7 31.1

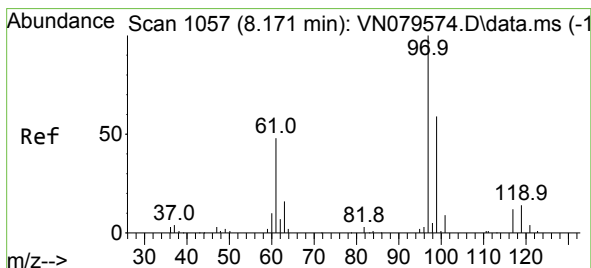
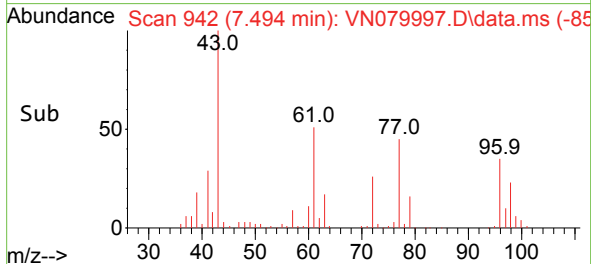
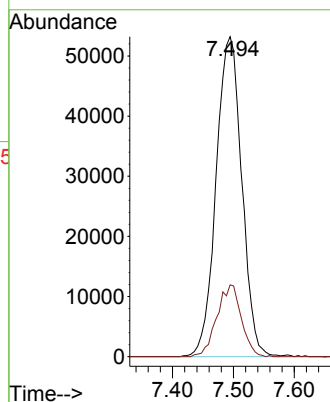
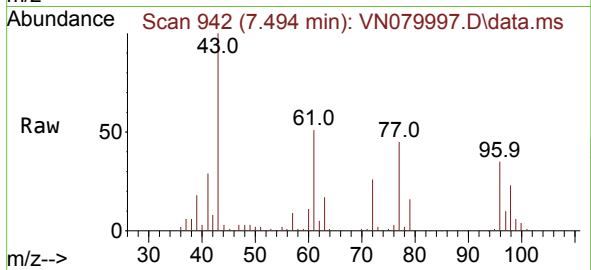




#31  
2,2-Dichloropropane  
Concen: 19.085 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

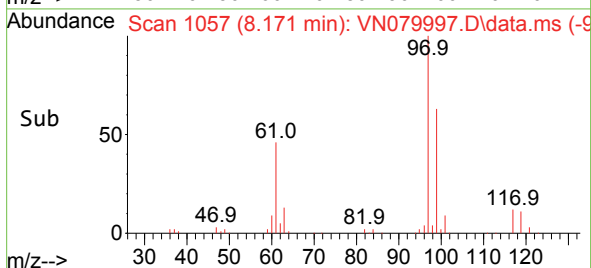
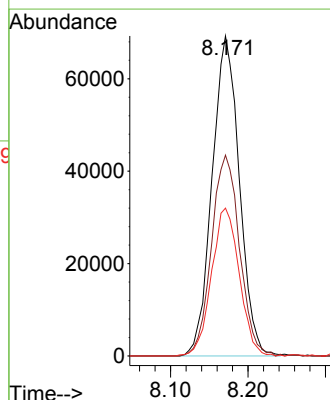
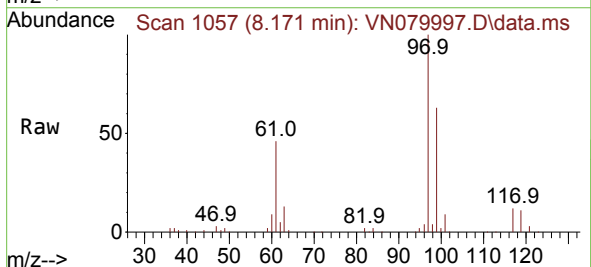
Instrument :  
MSVOA\_N  
ClientSampleId :

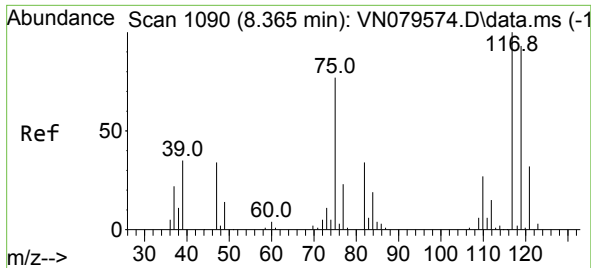
Tgt Ion: 77 Resp: 155850  
Ion Ratio Lower Upper  
77 100  
97 21.3 17.9 26.9



#32  
1,1,1-Trichloroethane  
Concen: 19.664 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

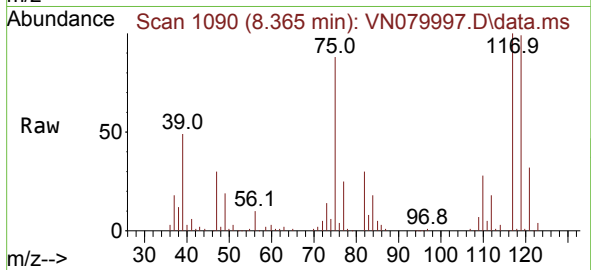
Tgt Ion: 97 Resp: 169616  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.9 77.9  
61 47.1 37.6 56.4



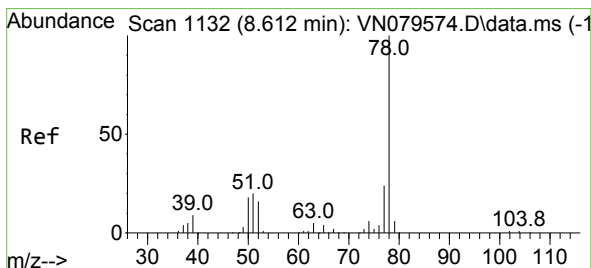
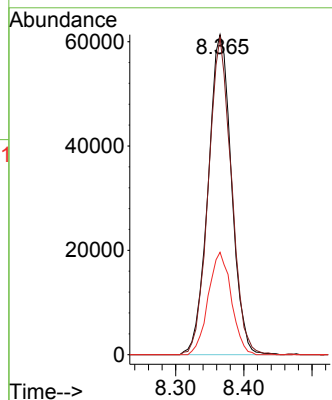
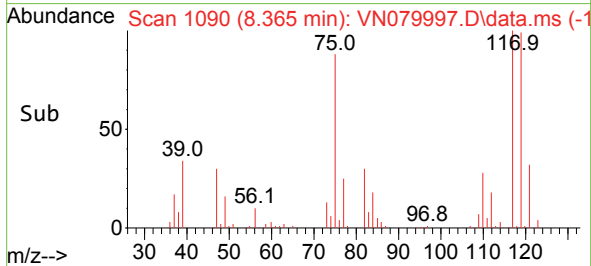


#33  
Carbon Tetrachloride  
Concen: 19.302 ug/l  
RT: 8.365 min Scan# 1109  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Instrument :  
MSVOA\_N  
ClientSampleId :

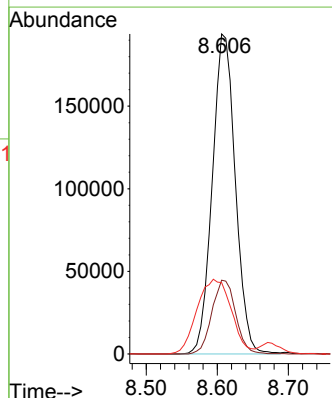
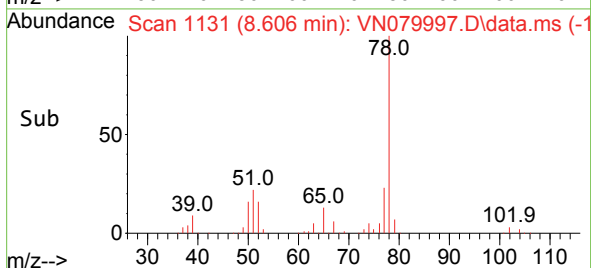
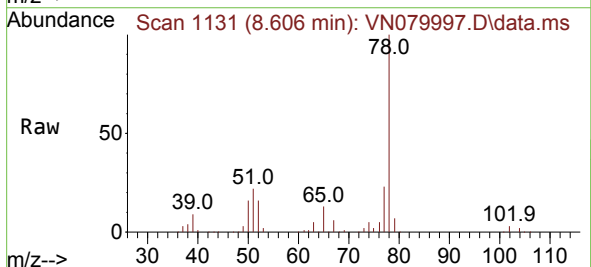


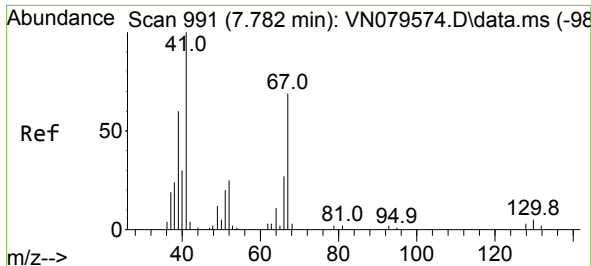
Tgt Ion:117 Resp: 146340  
Ion Ratio Lower Upper  
117 100  
119 99.2 75.0 112.6  
121 32.0 24.3 36.5



#34  
Benzene  
Concen: 19.436 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 78 Resp: 436234  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.7 29.5  
51 21.1 15.8 23.6



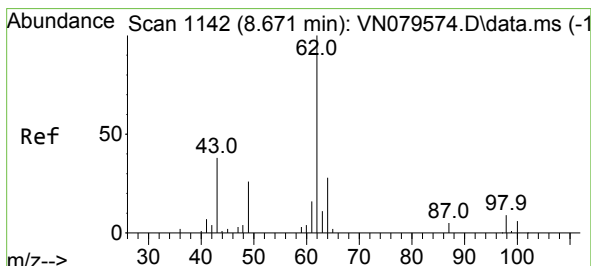
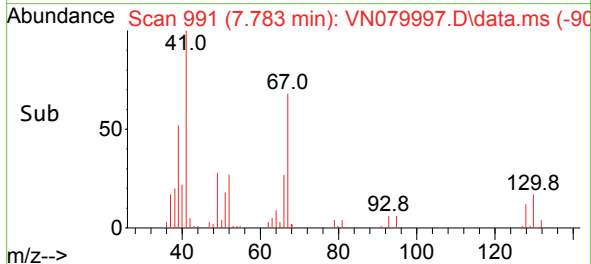
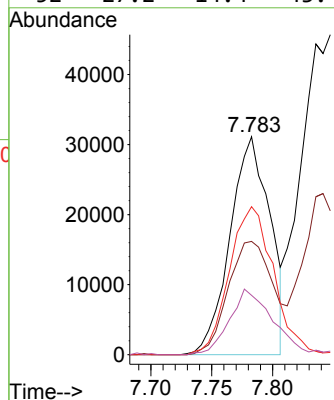
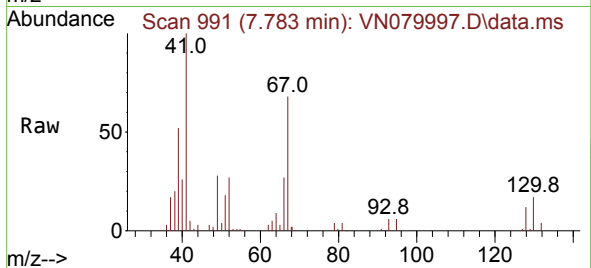


#35  
Methacrylonitrile  
Concen: 18.791 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 71089

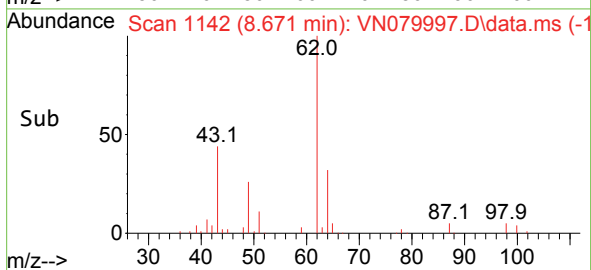
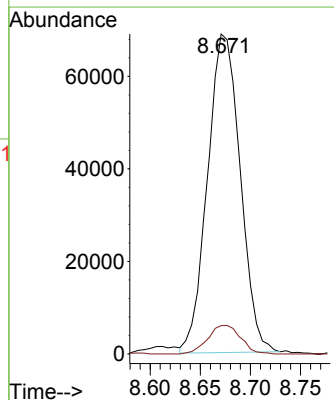
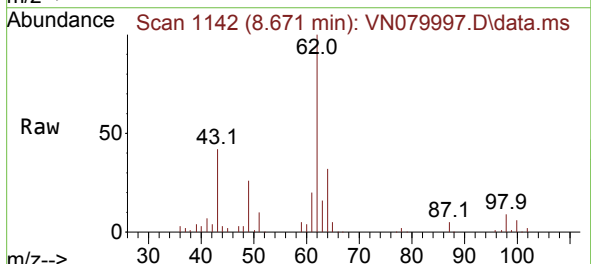
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 52.0  | 26.3  | 78.8  |
| 67  | 67.9  | 37.5  | 112.3 |
| 52  | 27.2  | 14.4  | 43.4  |

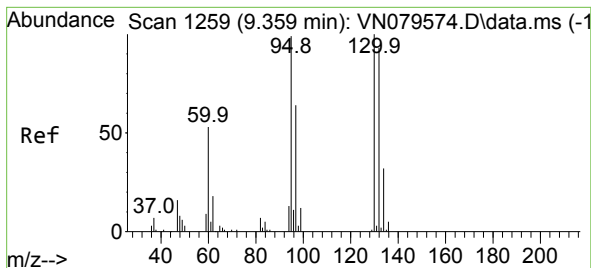


#36  
1,2-Dichloroethane  
Concen: 19.254 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 62 Resp: 156395

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.0   | 7.2   | 10.8  |





#37

Trichloroethene

Concen: 19.168 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

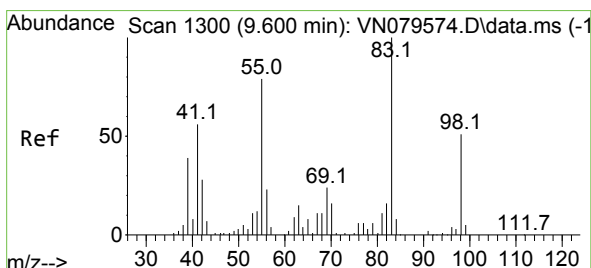
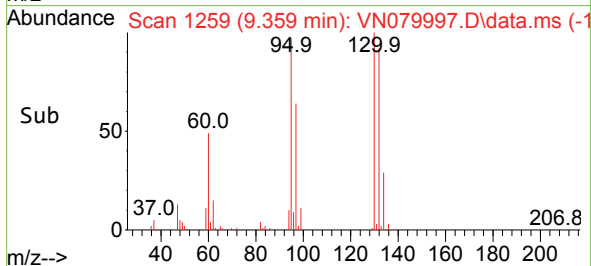
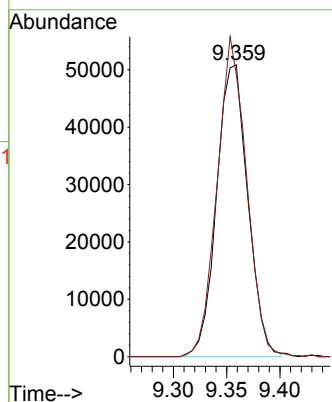
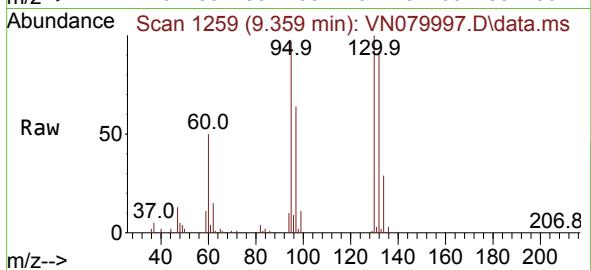
ClientSampleId :

Tgt Ion:130 Resp: 103464

Ion Ratio Lower Upper

130 100

95 96.5 81.2 121.8



#38

Methylcyclohexane

Concen: 18.568 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

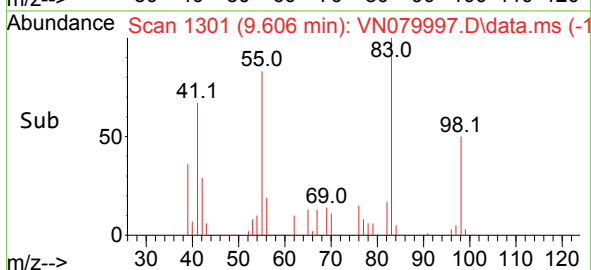
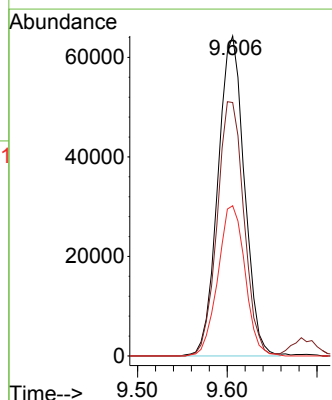
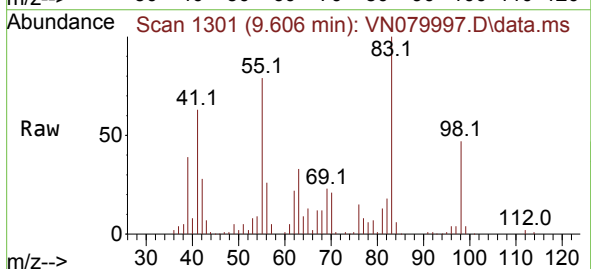
Tgt Ion: 83 Resp: 131732

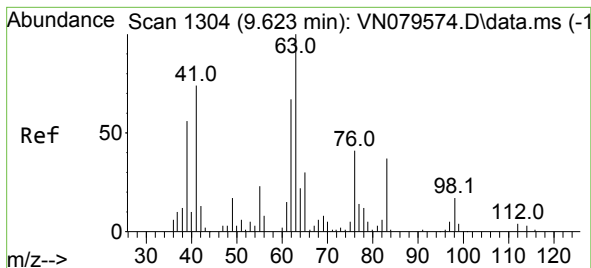
Ion Ratio Lower Upper

83 100

55 80.3 39.7 119.1

98 48.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.111 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

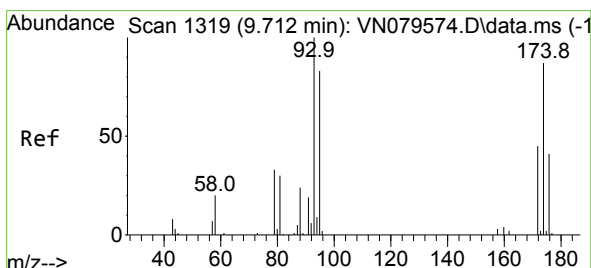
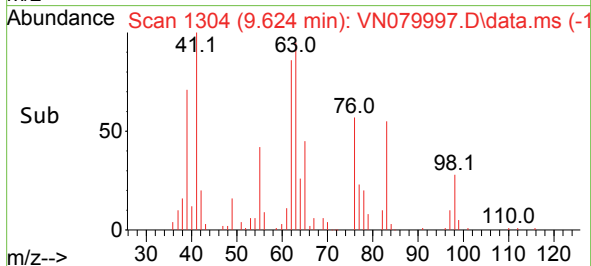
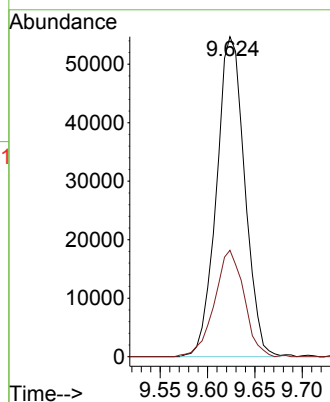
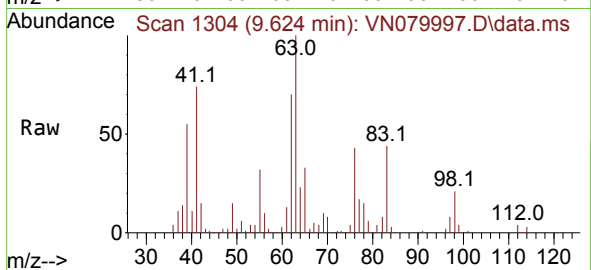
ClientSampleId :

Tgt Ion: 63 Resp: 113535

Ion Ratio Lower Upper

63 100

65 33.0 25.3 37.9



#40

Dibromomethane

Concen: 19.153 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

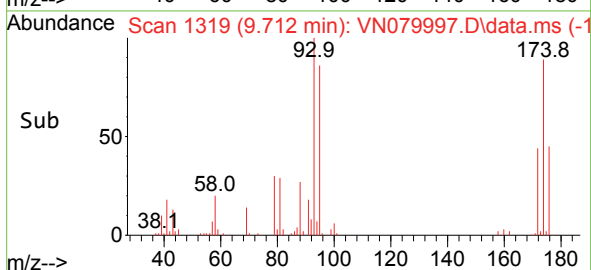
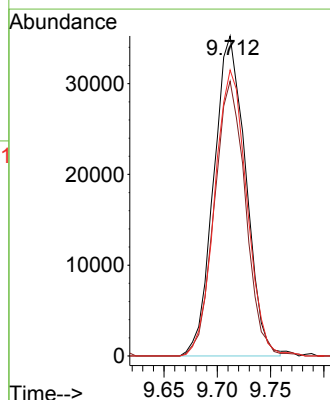
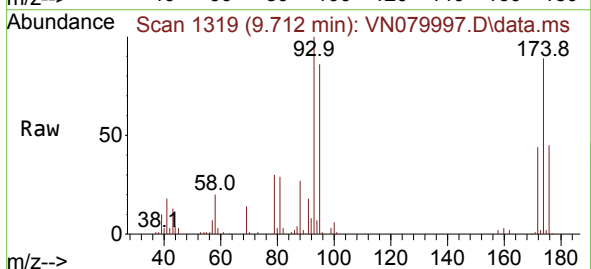
Tgt Ion: 93 Resp: 73546

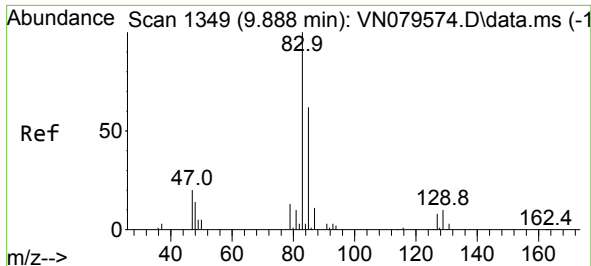
Ion Ratio Lower Upper

93 100

95 83.5 0.0 166.6

174 89.3 0.0 171.0

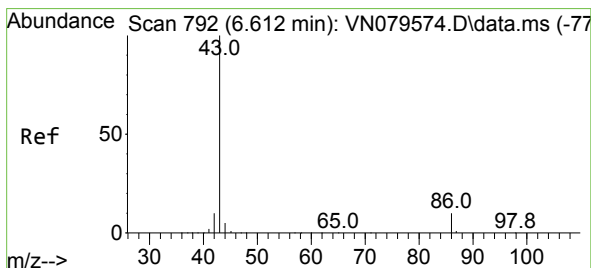
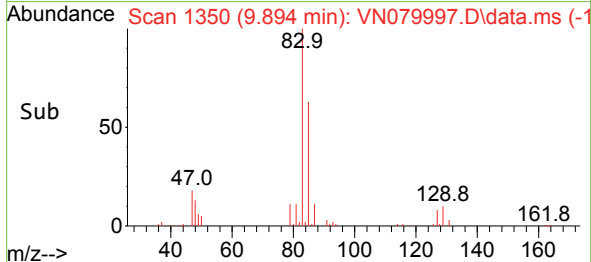
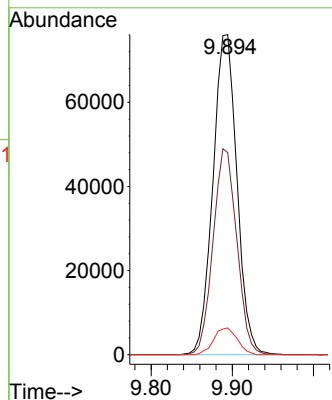
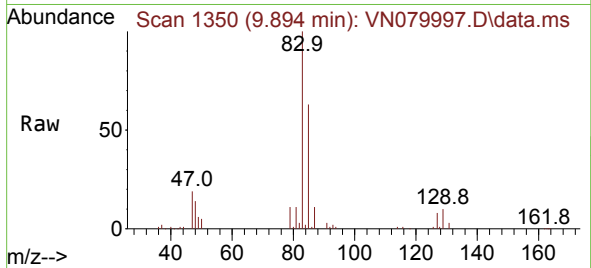




#41  
Bromodichloromethane  
Concen: 19.687 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

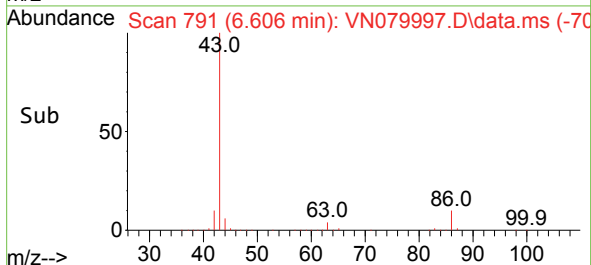
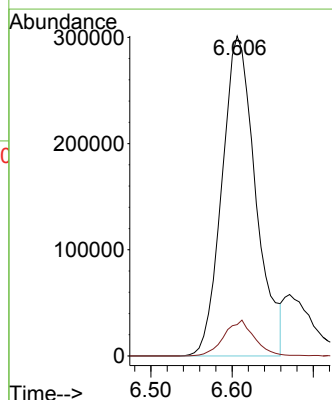
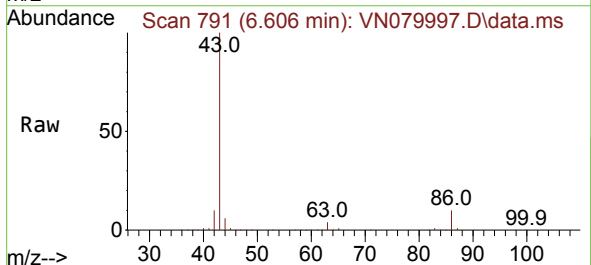
Instrument :  
MSVOA\_N  
ClientSampleId :

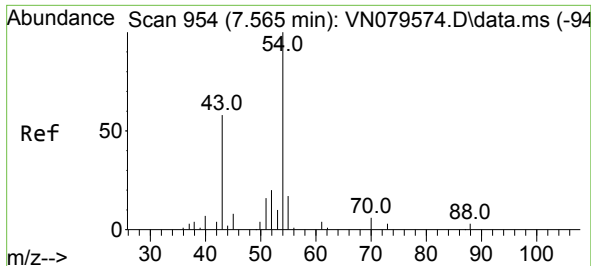
Tgt Ion: 83 Resp: 156575  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.3 75.5  
127 8.3 6.8 10.2



#42  
Vinyl Acetate  
Concen: 97.236 ug/l  
RT: 6.606 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 871508  
Ion Ratio Lower Upper  
43 100  
86 10.0 8.2 12.2

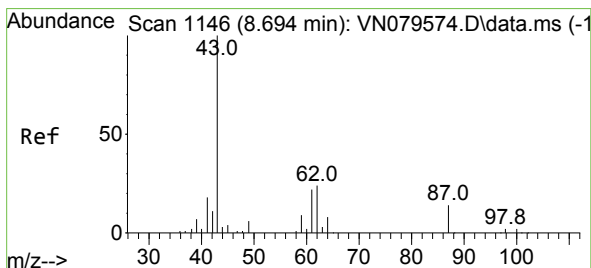
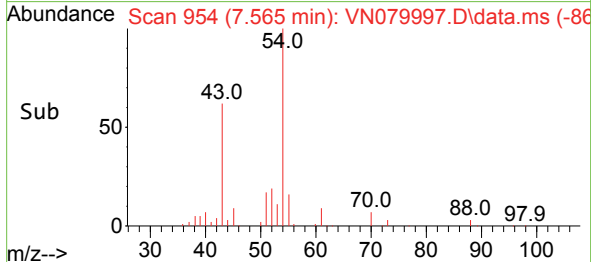
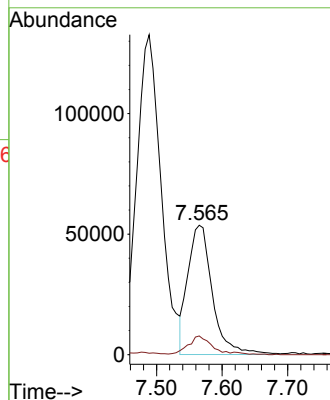
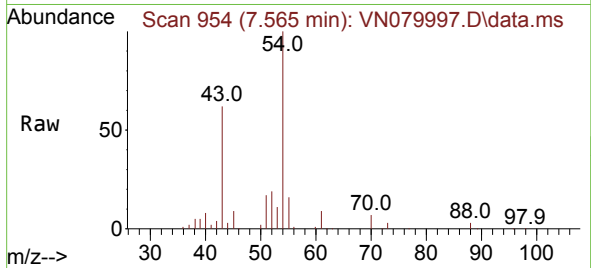




#43  
Ethyl Acetate  
Concen: 20.516 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

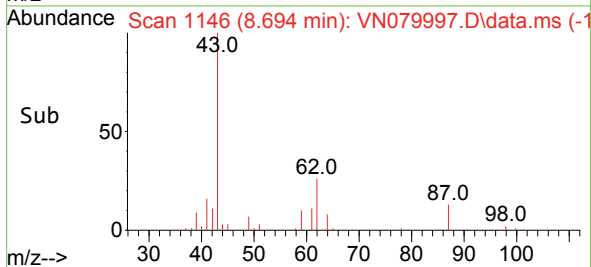
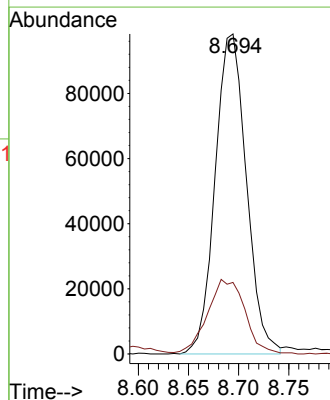
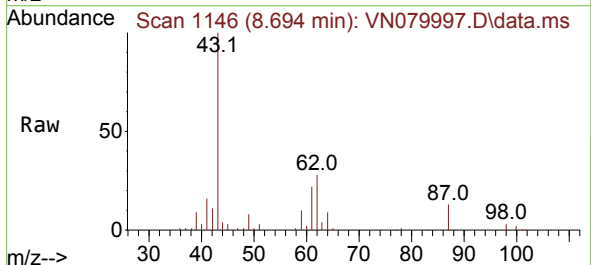
Instrument :  
MSVOA\_N  
ClientSampleId :

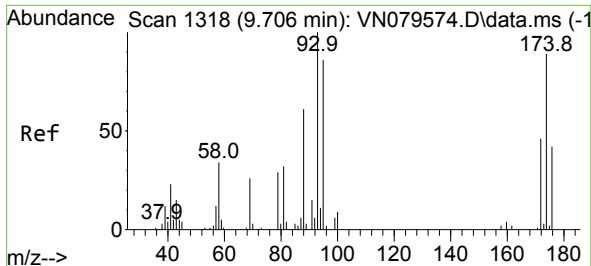
Tgt Ion: 43 Resp: 139064  
Ion Ratio Lower Upper  
43 100  
45 13.5 11.8 17.8



#44  
Isopropyl Acetate  
Concen: 19.268 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 43 Resp: 212810  
Ion Ratio Lower Upper  
43 100  
61 27.9 20.3 30.5

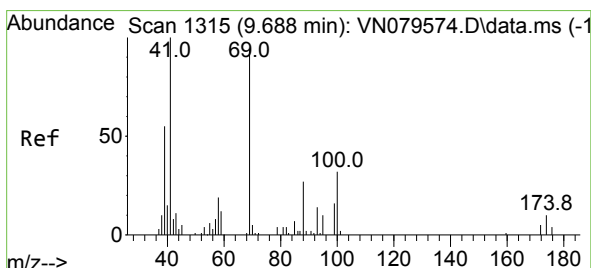
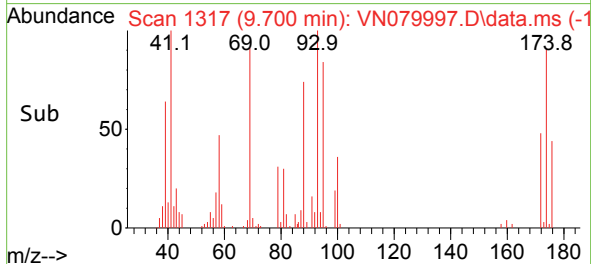
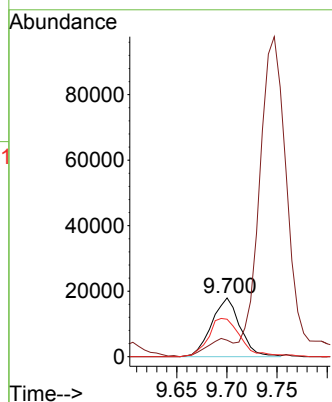
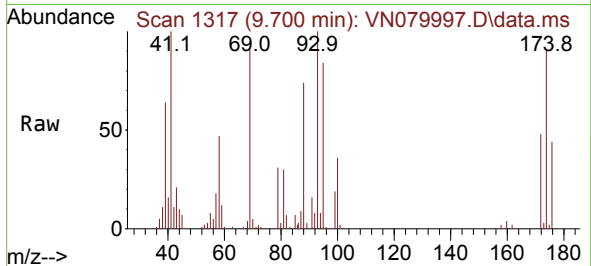




#45  
1,4-Dioxane  
Concen: 415.847 ug/l  
RT: 9.700 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

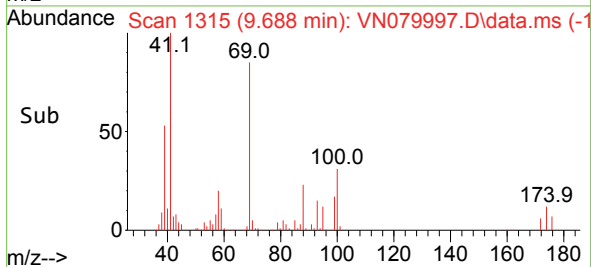
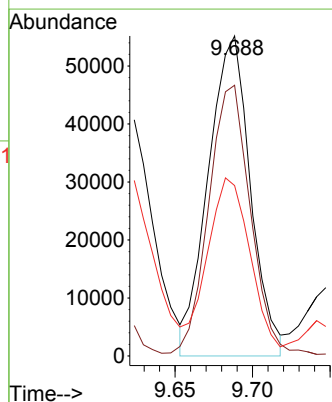
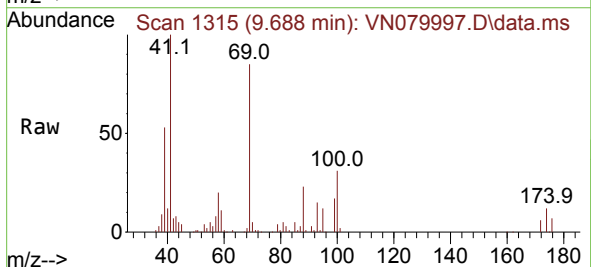
Instrument :  
MSVOA\_N  
ClientSampleId :

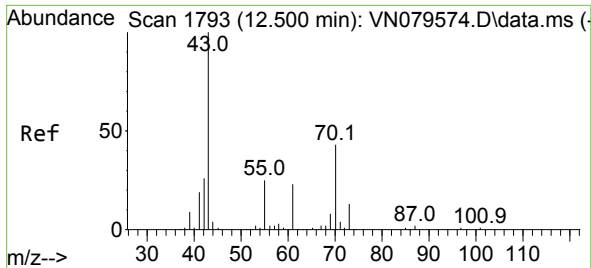
Tgt Ion: 88 Resp: 35396  
Ion Ratio Lower Upper  
88 100  
43 27.4 28.7 43.1#  
58 73.6 56.9 85.3



#46  
Methyl methacrylate  
Concen: 19.659 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 41 Resp: 104375  
Ion Ratio Lower Upper  
41 100  
69 87.3 40.0 119.9  
39 53.9 31.1 93.3

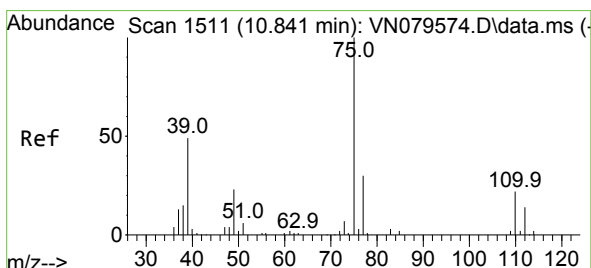
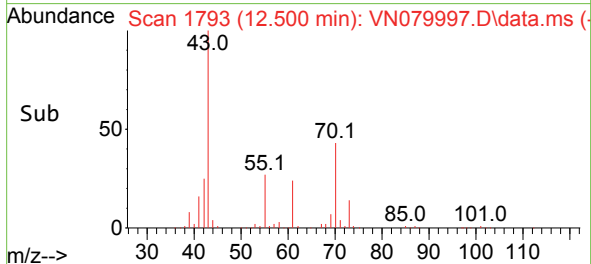
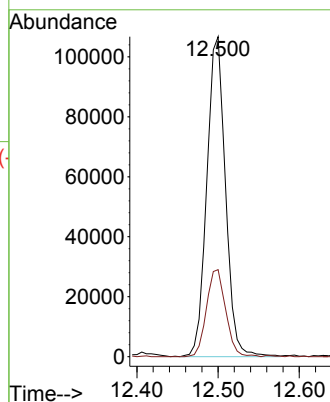
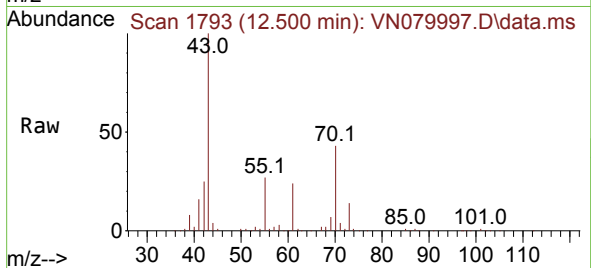




#47  
n-amy1 Acetate  
Concen: 19.196 ug/l  
RT: 12.500 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

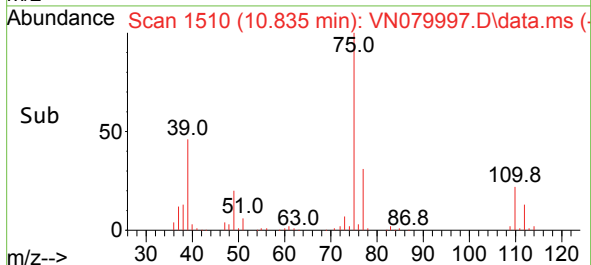
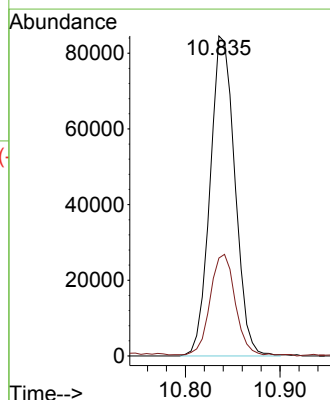
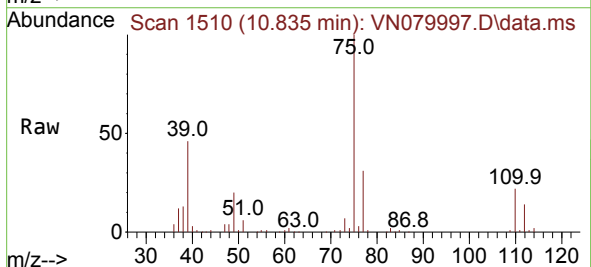
Instrument :  
MSVOA\_N  
ClientSampleId :

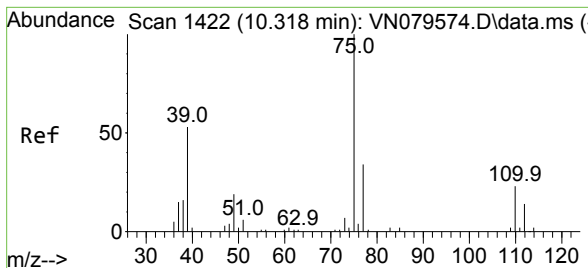
Tgt Ion: 43 Resp: 170309  
Ion Ratio Lower Upper  
43 100  
55 27.8 20.7 31.1



#48  
t-1,3-Dichloropropene  
Concen: 19.001 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 75 Resp: 154330  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.6 38.4

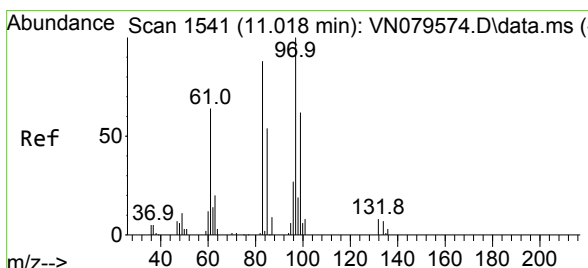
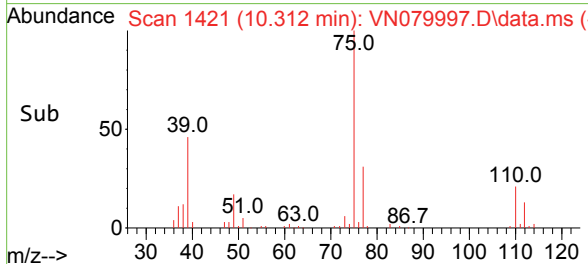
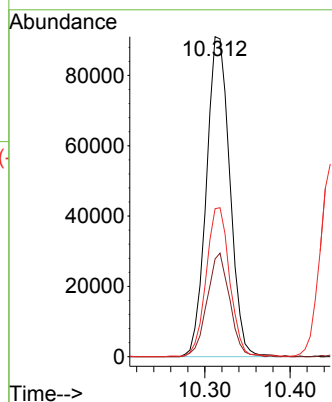
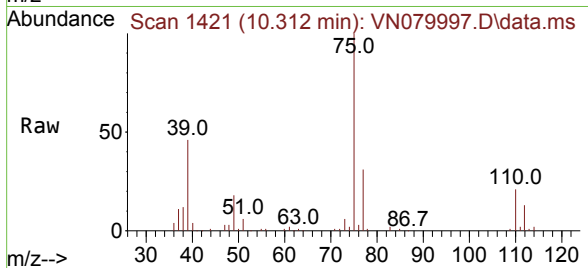




#49  
 cis-1,3-Dichloropropene  
 Concen: 19.408 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.006 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

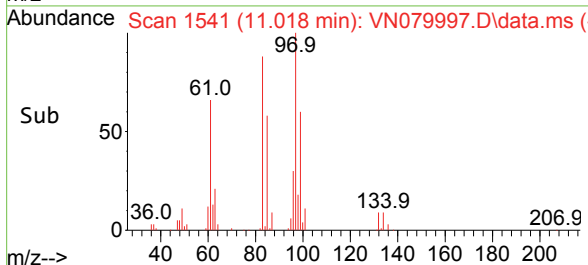
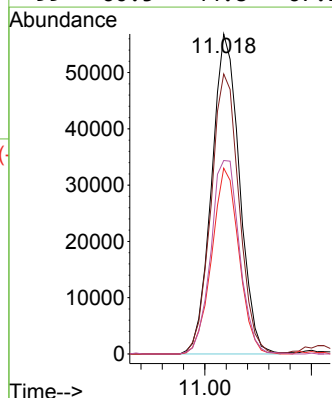
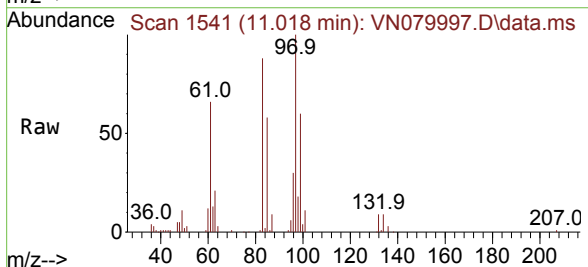
Instrument :  
 MSVOA\_N  
 ClientSampleId :

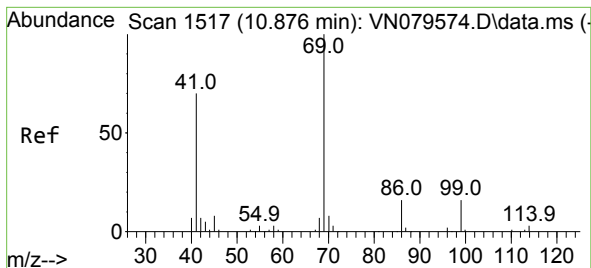
Tgt Ion: 75 Resp: 174264  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 25.8 38.6  
 39 46.1 42.4 63.6



#50  
 1,1,2-Trichloroethane  
 Concen: 19.657 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. -0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

Tgt Ion: 97 Resp: 102968  
 Ion Ratio Lower Upper  
 97 100  
 83 87.5 68.2 102.4  
 85 58.1 42.9 64.3  
 99 60.5 44.8 67.2

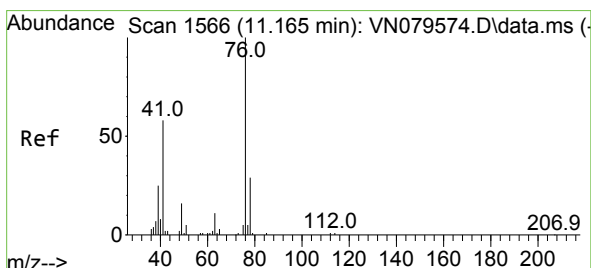
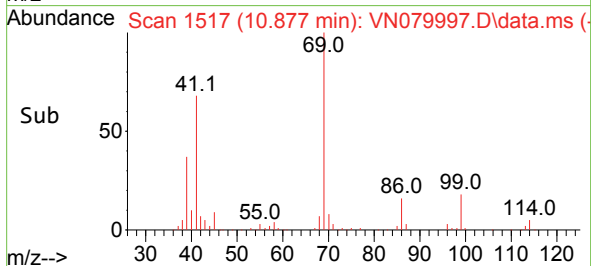
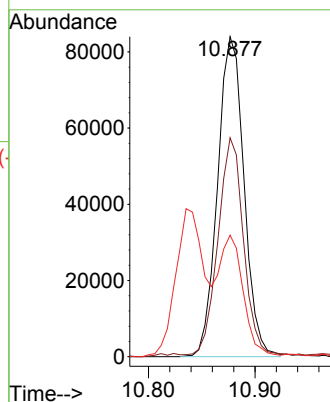
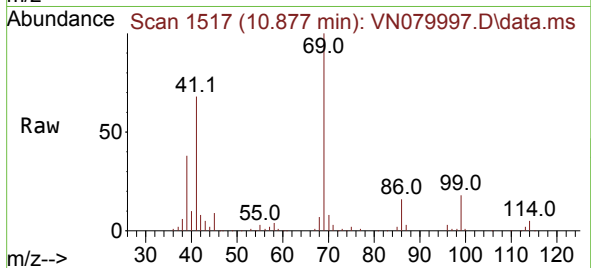




#51  
Ethyl methacrylate  
Concen: 19.198 ug/l  
RT: 10.877 min Scan# 1517  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

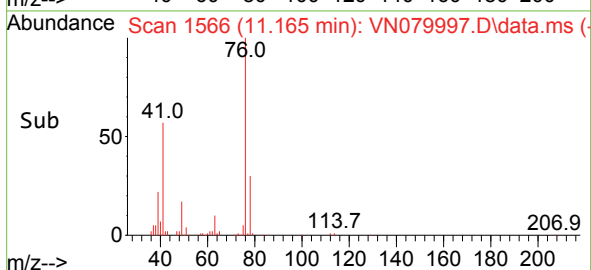
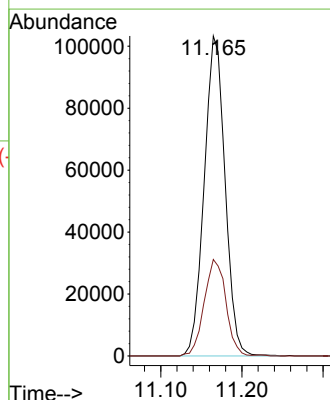
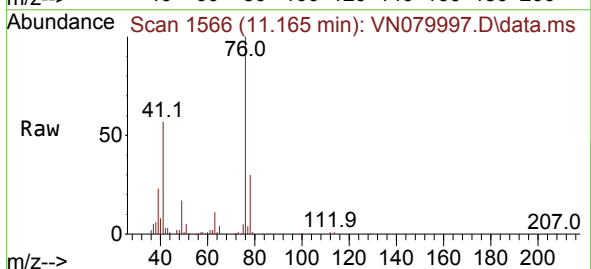
Instrument :  
MSVOA\_N  
ClientSampleId :

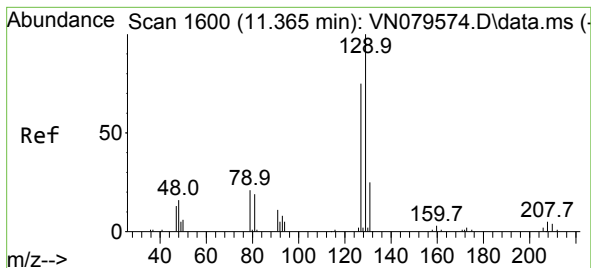
Tgt Ion: 69 Resp: 144544  
Ion Ratio Lower Upper  
69 100  
41 67.8 33.8 101.3  
39 37.5 21.3 63.9



#52  
1,3-Dichloropropane  
Concen: 19.685 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 76 Resp: 184349  
Ion Ratio Lower Upper  
76 100  
78 31.3 0.0 64.0





#53

Dibromochloromethane

Concen: 19.099 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

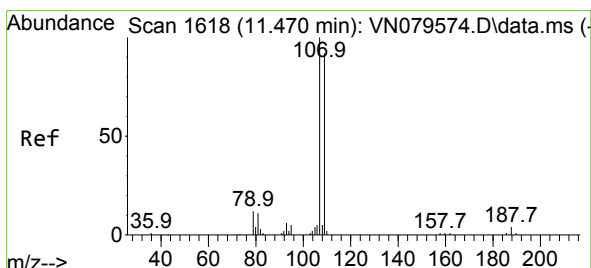
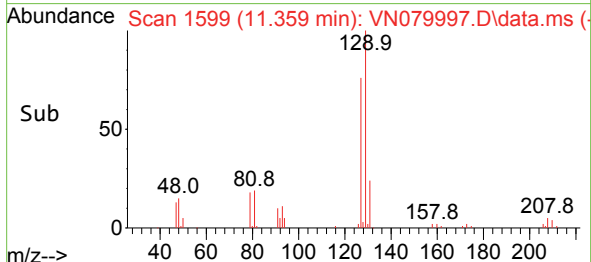
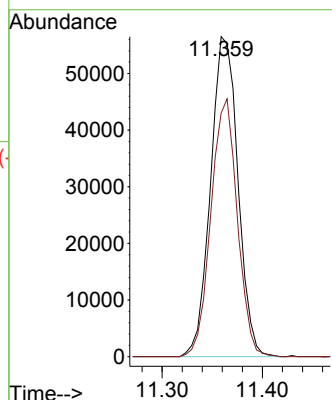
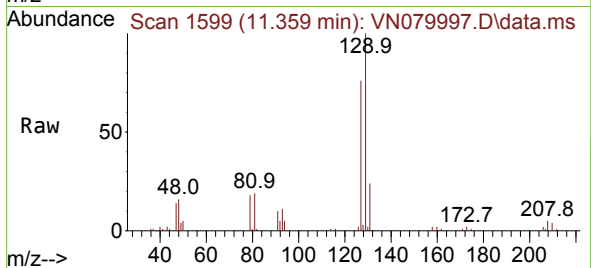
ClientSampleId :

Tgt Ion:129 Resp: 107027

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.3



#54

1,2-Dibromoethane

Concen: 19.066 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.001 min

Lab File: VN079997.D

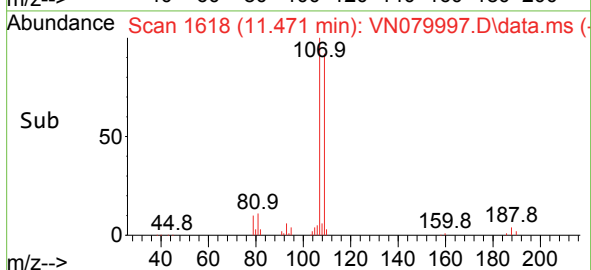
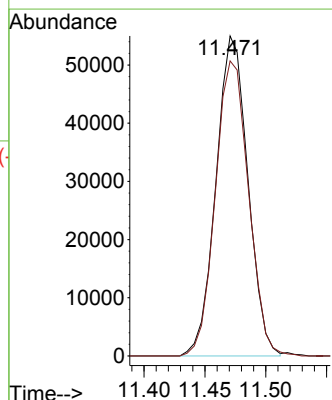
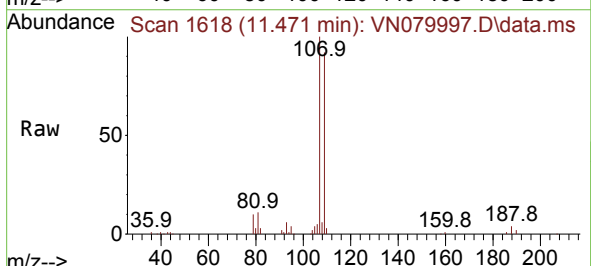
Acq: 08 Nov 2023 17:57

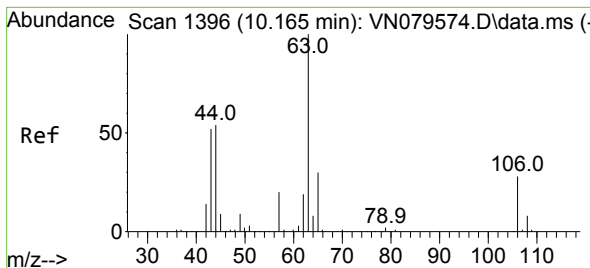
Tgt Ion:107 Resp: 100286

Ion Ratio Lower Upper

107 100

109 95.8 73.2 109.8

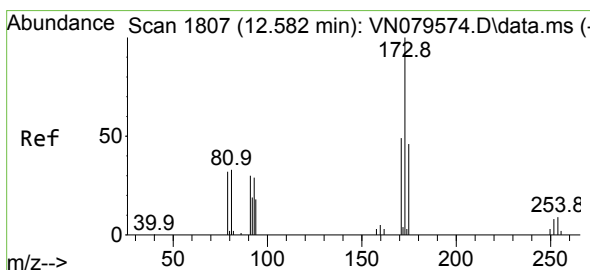
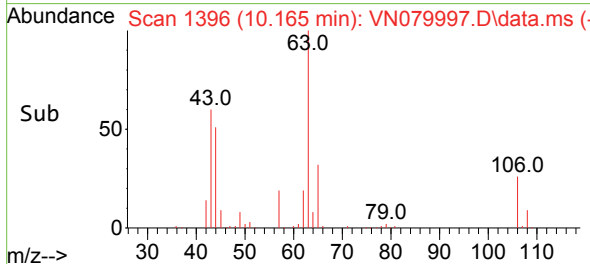
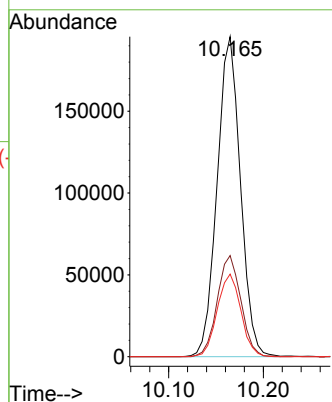
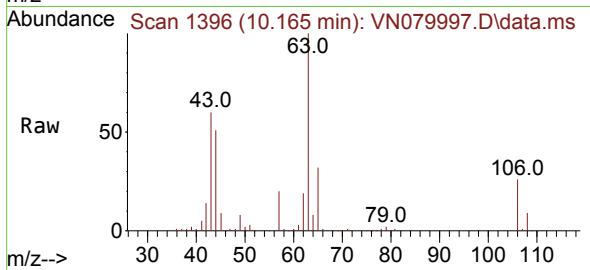




#55  
2-Chloroethyl vinyl ether  
Concen: 96.613 ug/l  
RT: 10.165 min Scan# 1396  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

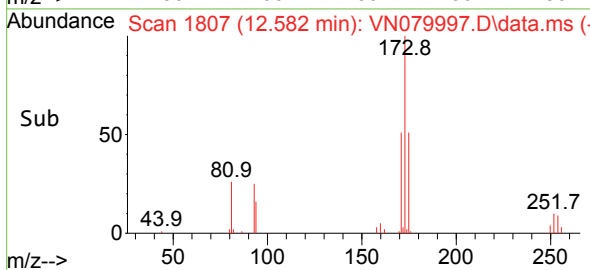
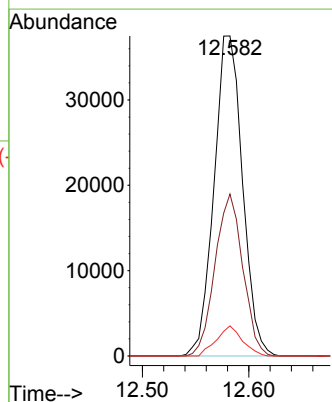
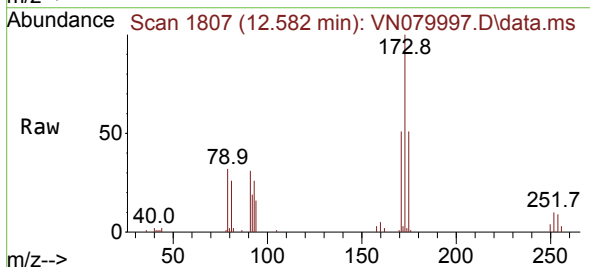
Instrument :  
MSVOA\_N  
ClientSampleId :

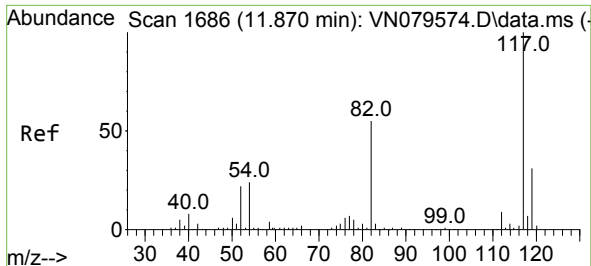
Tgt Ion: 63 Resp: 334557  
Ion Ratio Lower Upper  
63 100  
65 31.9 25.9 38.9  
106 26.1 20.6 30.8



#56  
Bromoform  
Concen: 18.964 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion:173 Resp: 69636  
Ion Ratio Lower Upper  
173 100  
175 49.2 37.9 56.9  
254 8.5 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

ClientSampleId :

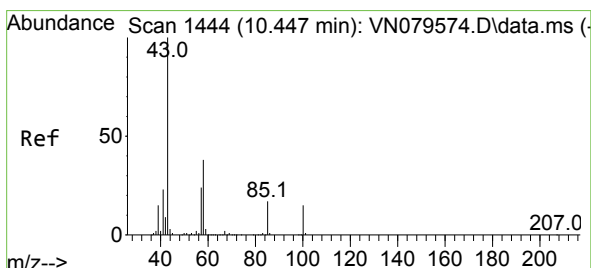
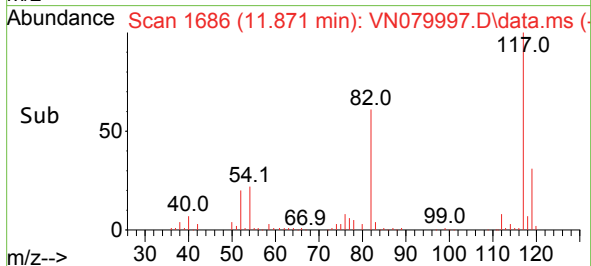
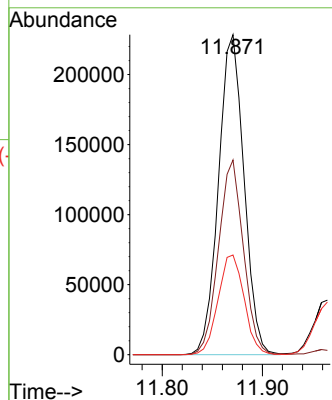
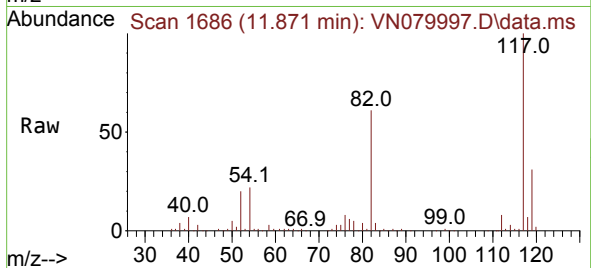
Tgt Ion:117 Resp: 402994

Ion Ratio Lower Upper

117 100

82 59.6 46.2 69.2

119 31.8 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 101.535 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

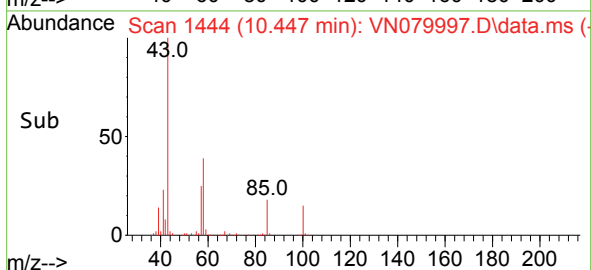
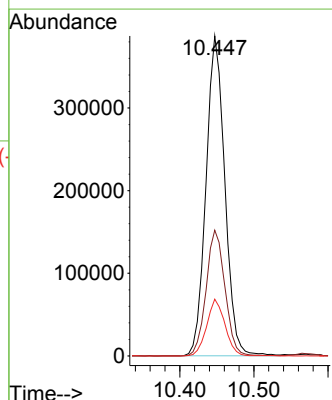
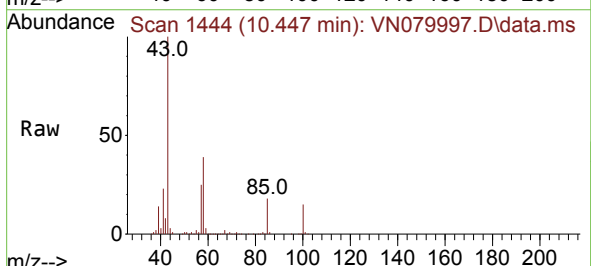
Tgt Ion: 43 Resp: 683601

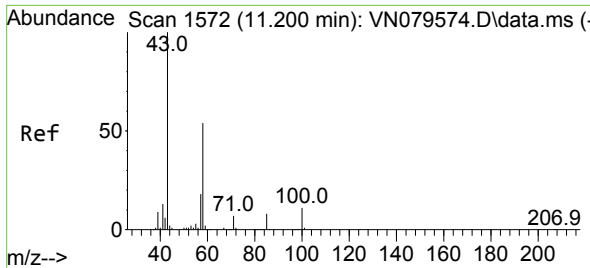
Ion Ratio Lower Upper

43 100

58 39.4 30.4 45.6

85 17.2 13.2 19.8

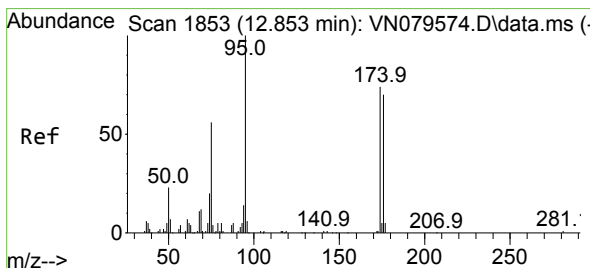
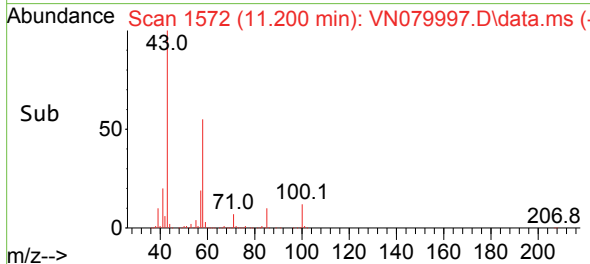
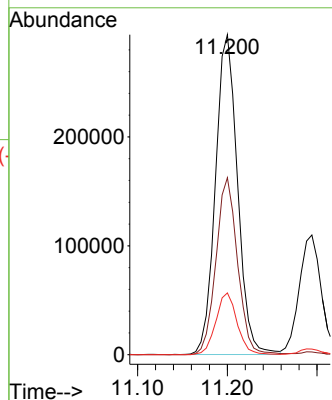
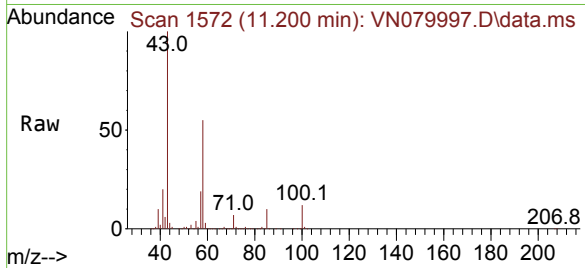




#59  
2-Hexanone  
Concen: 97.933 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

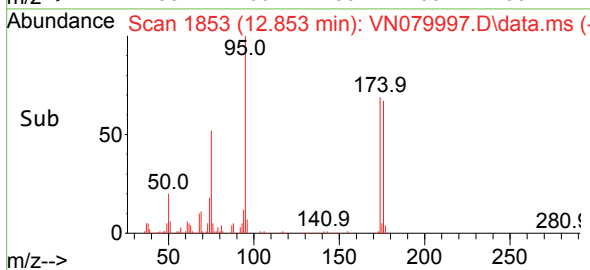
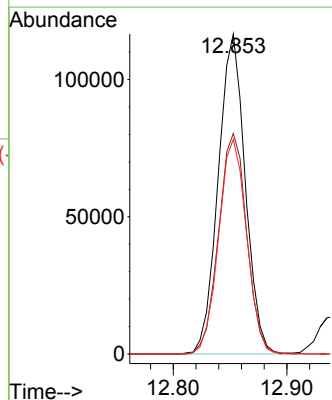
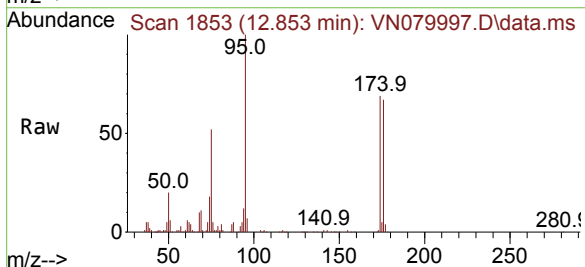
Instrument :  
MSVOA\_N  
ClientSampleId :

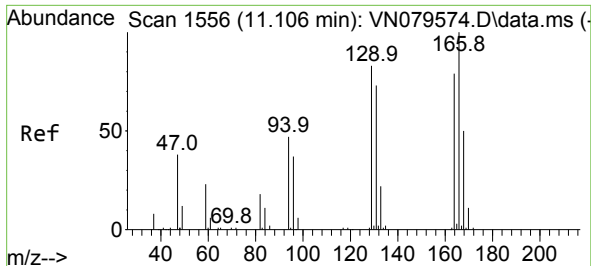
Tgt Ion: 43 Resp: 502271  
Ion Ratio Lower Upper  
43 100  
58 53.9 42.3 63.5  
57 18.7 13.9 20.9



#60  
4-Bromofluorobenzene  
Concen: 29.870 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

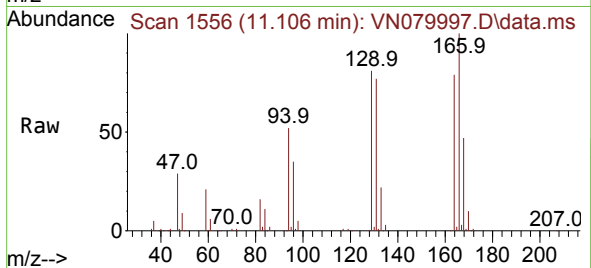
Tgt Ion: 95 Resp: 192499  
Ion Ratio Lower Upper  
95 100  
174 71.7 60.5 90.7  
176 69.1 57.2 85.8



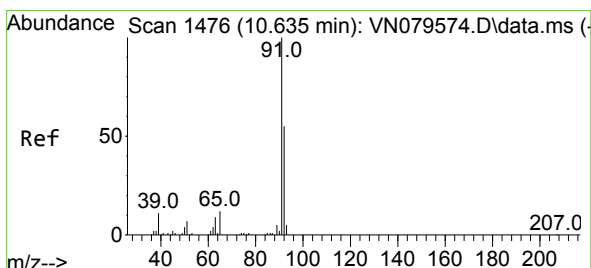
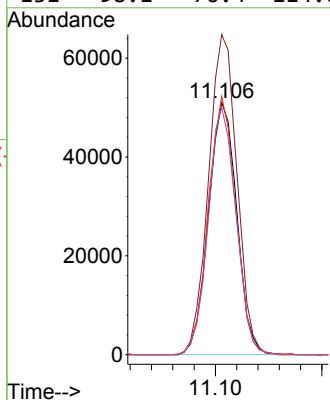
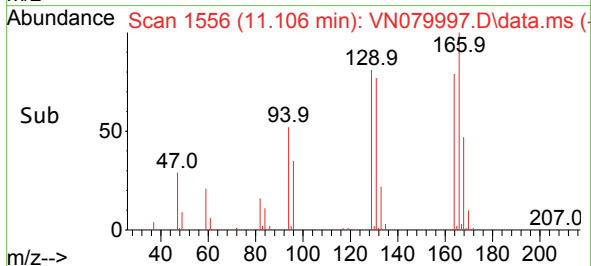


#61  
Tetrachloroethene  
Concen: 19.873 ug/l  
RT: 11.106 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Instrument :  
MSVOA\_N  
ClientSampleId :

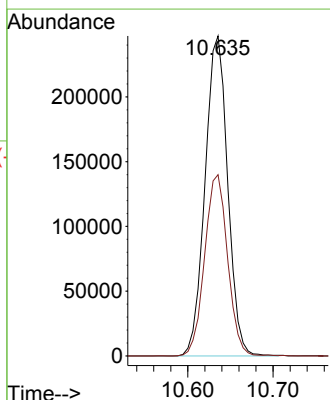
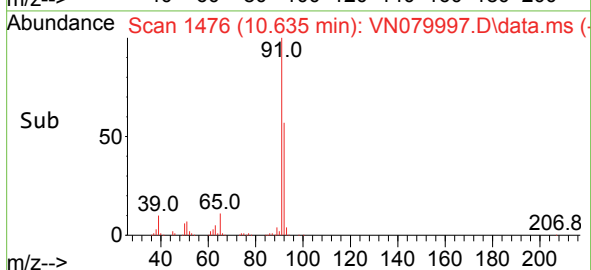
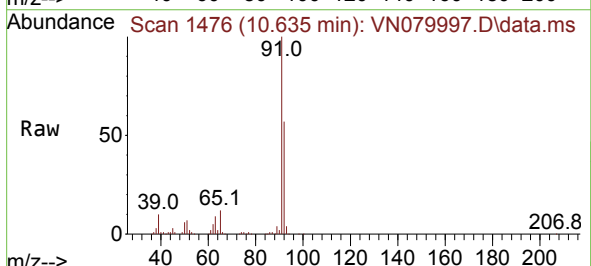


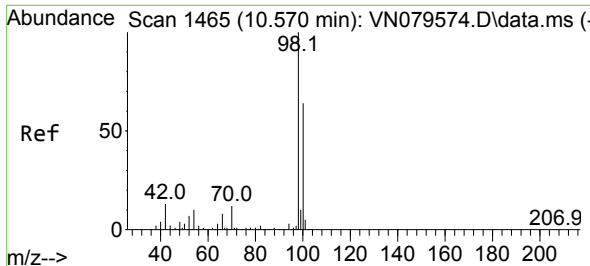
Tgt Ion:164 Resp: 93892  
Ion Ratio Lower Upper  
164 100  
166 127.0 98.2 147.4  
129 102.5 75.0 112.4  
131 98.1 76.4 114.6



#62  
Toluene  
Concen: 19.562 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 91 Resp: 455952  
Ion Ratio Lower Upper  
91 100  
92 57.4 45.3 67.9

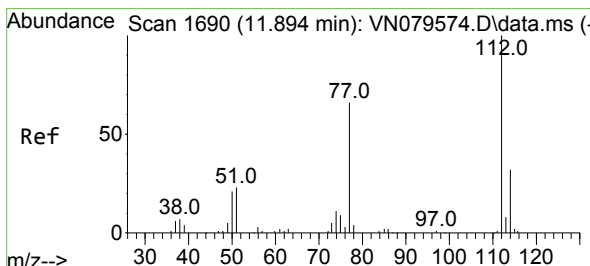
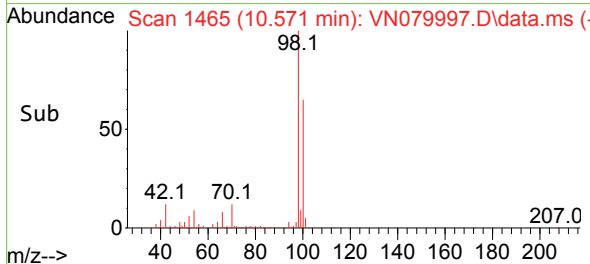
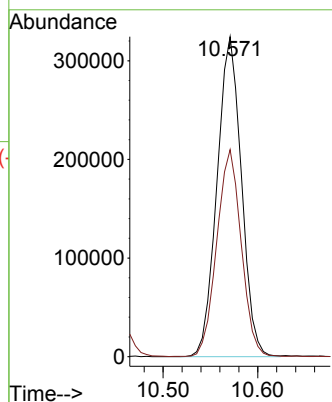
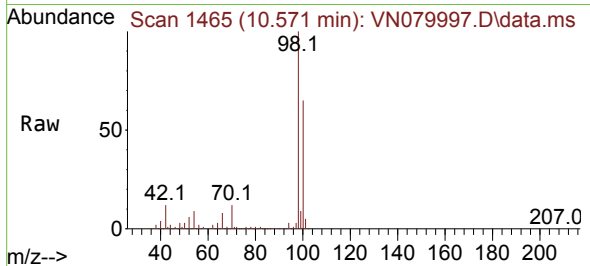




#63  
Toluene-d8  
Concen: 30.409 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

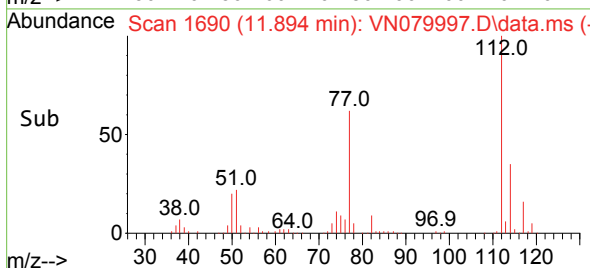
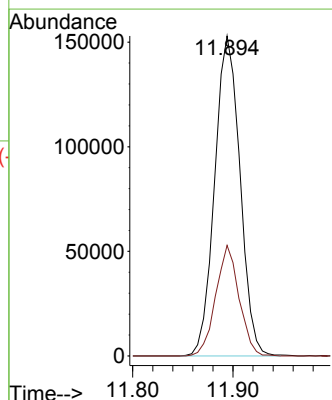
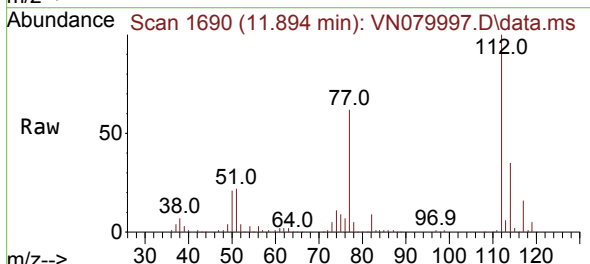
Instrument :  
MSVOA\_N  
ClientSampleId :

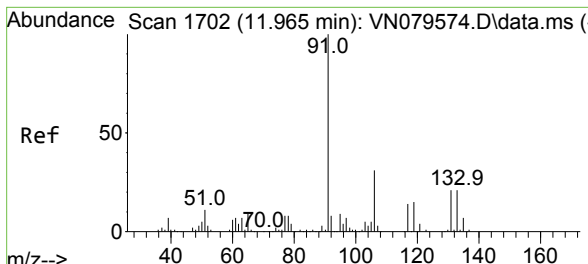
Tgt Ion: 98 Resp: 580658  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.6 77.4



#64  
Chlorobenzene  
Concen: 19.292 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 112 Resp: 268344  
Ion Ratio Lower Upper  
112 100  
114 34.6 28.1 42.1

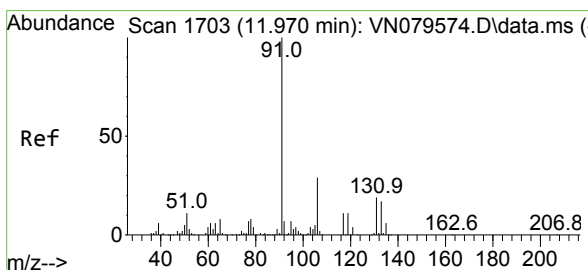
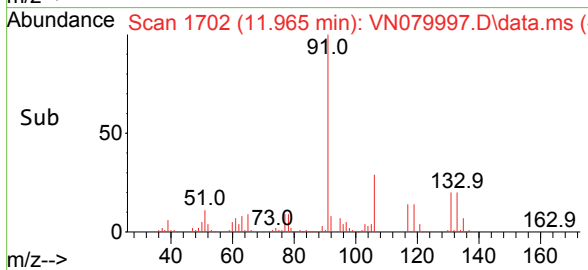
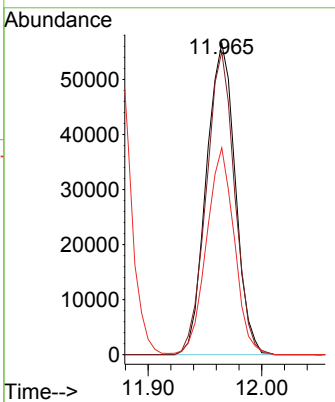
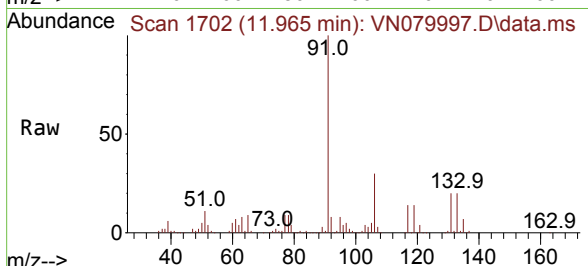




#65  
 1,1,1,2-Tetrachloroethane  
 Concen: 19.628 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. -0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

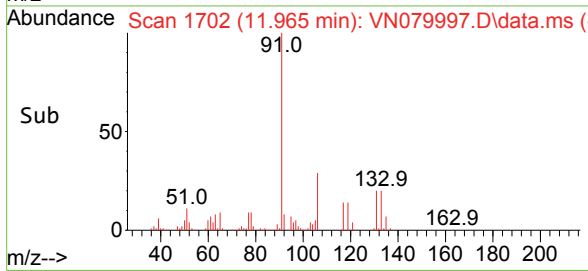
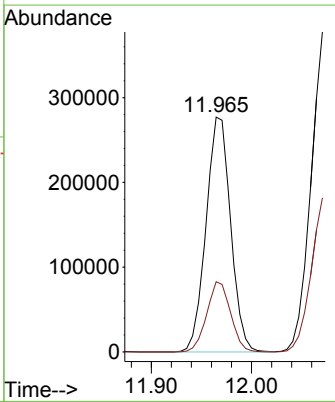
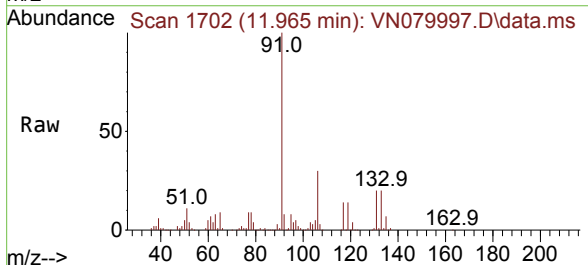
Instrument :  
 MSVOA\_N  
 ClientSampleId :

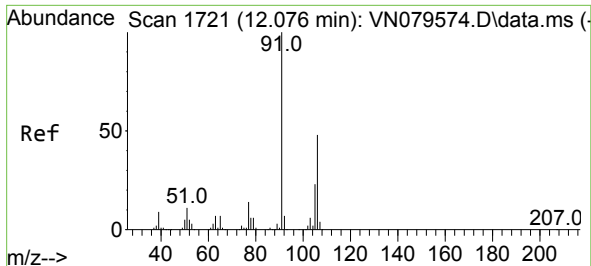
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 131   | Resp: | 100149 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 95.3  | 0.0   | 196.0  |
| 119       | 63.9  | 0.0   | 135.6  |



#66  
 Ethyl Benzene  
 Concen: 19.303 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. -0.005 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 472789 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 29.9  | 23.8  | 35.8   |

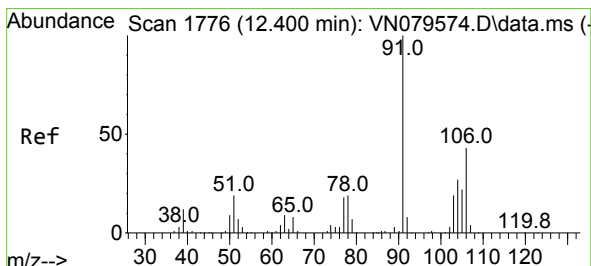
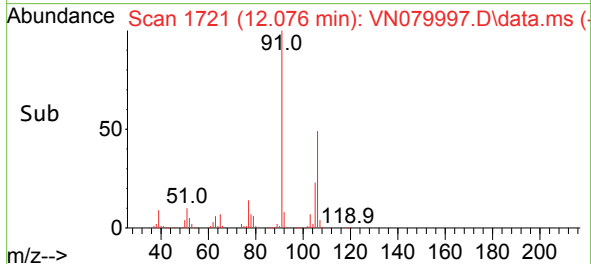
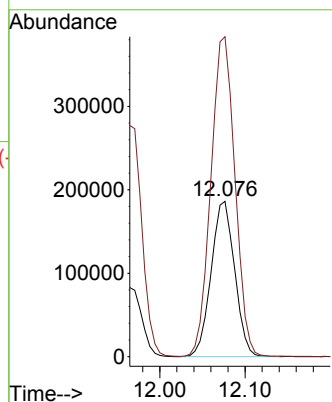
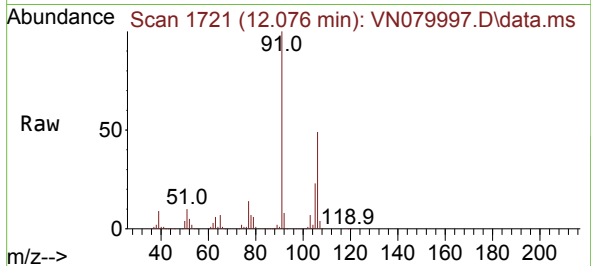




#67  
m/p-Xylenes  
Concen: 39.195 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

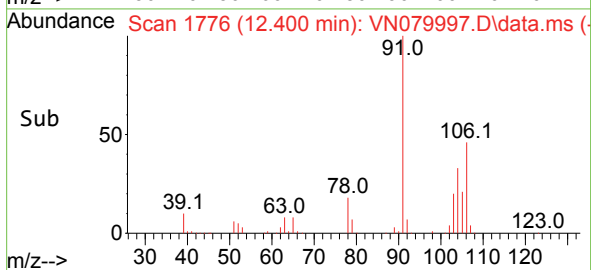
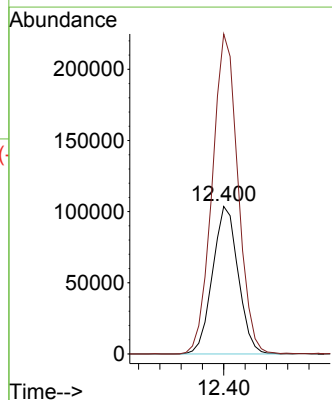
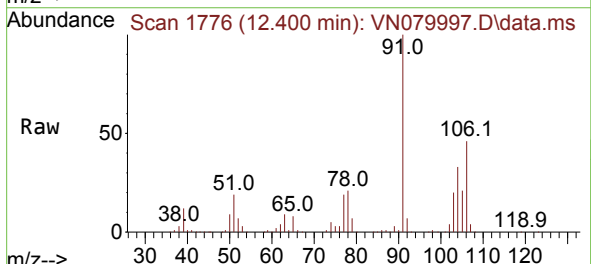
Instrument :  
MSVOA\_N  
ClientSampleId :

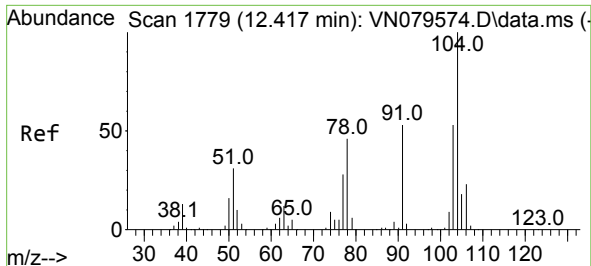
Tgt Ion:106 Resp: 357404  
Ion Ratio Lower Upper  
106 100  
91 211.0 161.8 242.6



#68  
o-Xylene  
Concen: 19.773 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion:106 Resp: 172817  
Ion Ratio Lower Upper  
106 100  
91 217.9 109.9 329.7

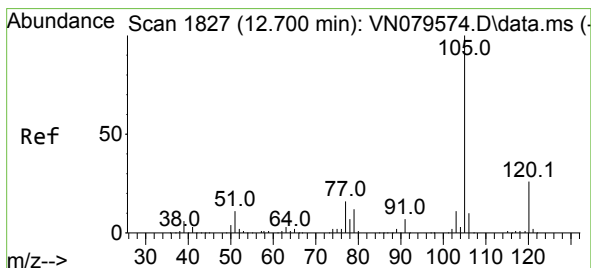
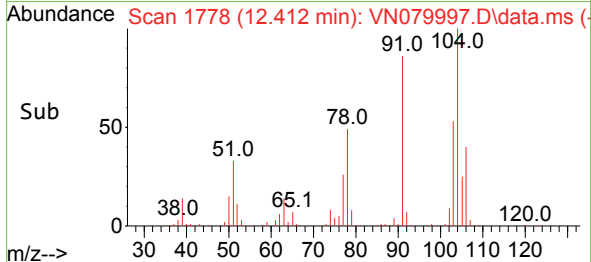
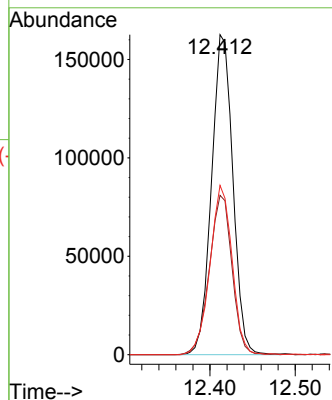
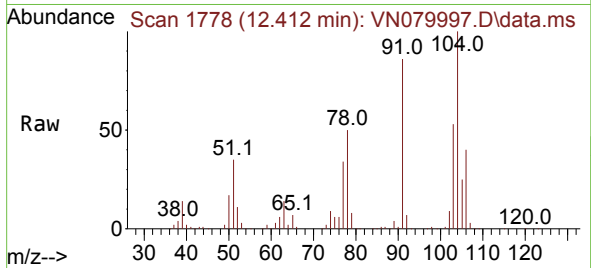




#69  
Styrene  
Concen: 19.606 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

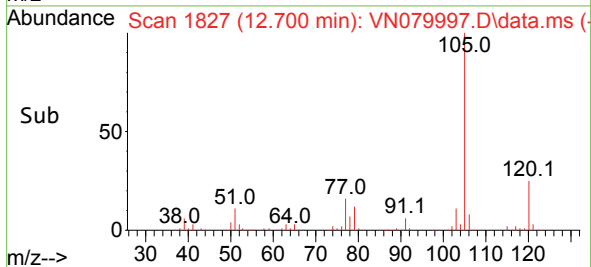
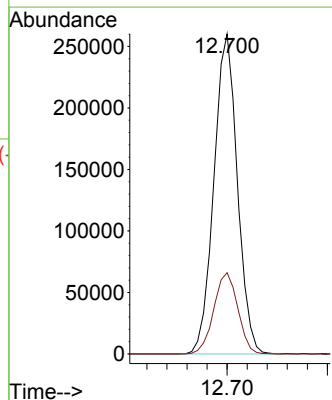
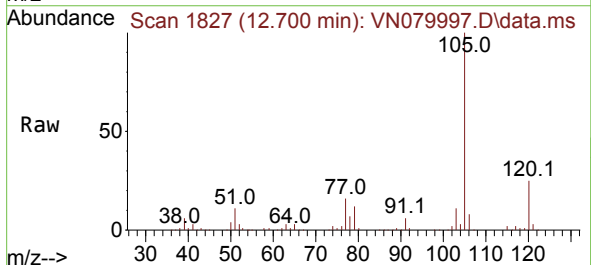
Instrument :  
MSVOA\_N  
ClientSampleId :

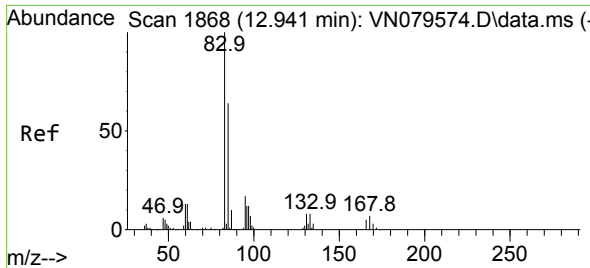
Tgt Ion:104 Resp: 283674  
Ion Ratio Lower Upper  
104 100  
78 52.8 41.2 61.8  
103 54.7 43.1 64.7



#70  
Isopropylbenzene  
Concen: 19.352 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion:105 Resp: 421912  
Ion Ratio Lower Upper  
105 100  
120 26.0 18.1 33.5

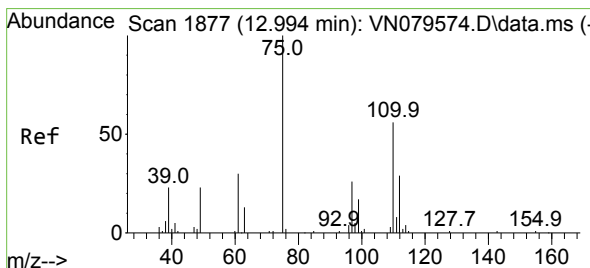
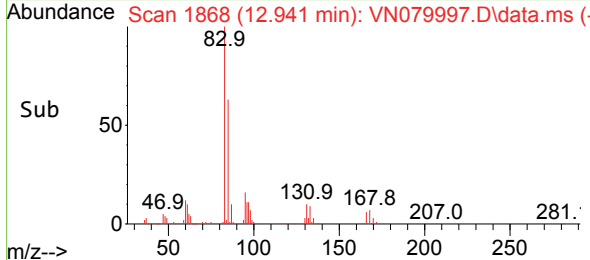
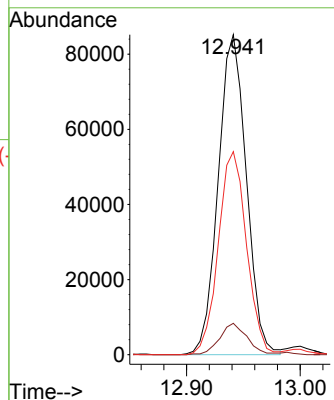
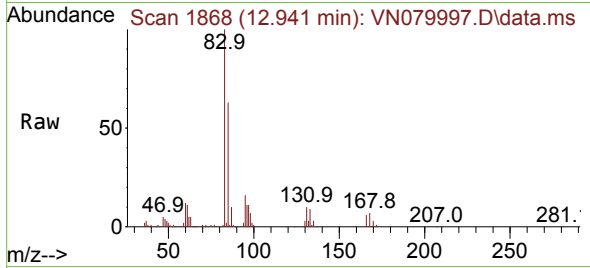




#71  
 1,1,2,2-Tetrachloroethane  
 Concen: 19.757 ug/l  
 RT: 12.941 min Scan# 1868  
 Delta R.T. 0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

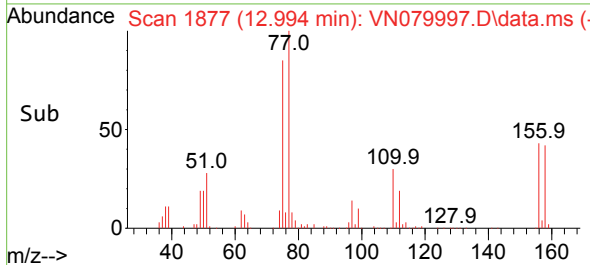
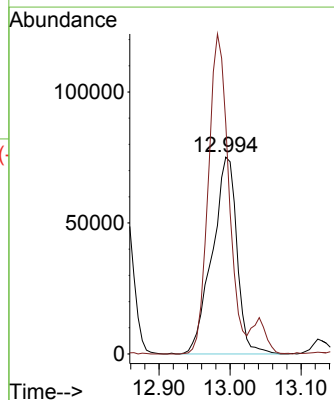
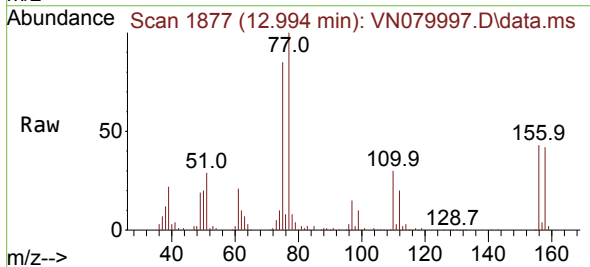
Instrument :  
 MSVOA\_N  
 ClientSampleId :

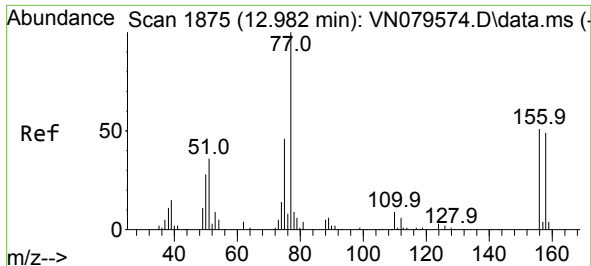
Tgt Ion: 83 Resp: 146708  
 Ion Ratio Lower Upper  
 83 100  
 131 9.6 4.5 13.4  
 85 63.7 32.1 96.3



#72  
 1,2,3-Trichloropropane  
 Concen: 26.283 ug/l  
 RT: 12.994 min Scan# 1877  
 Delta R.T. 0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

Tgt Ion: 75 Resp: 181340  
 Ion Ratio Lower Upper  
 75 100  
 77 133.8 0.0 338.2

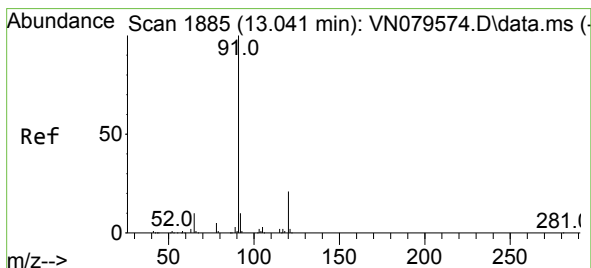
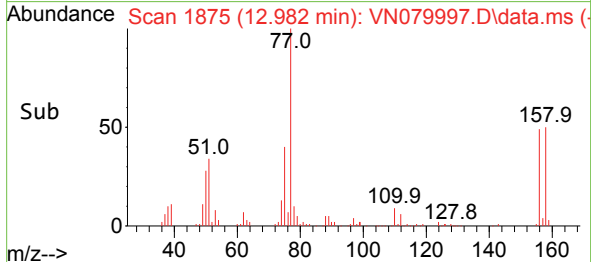
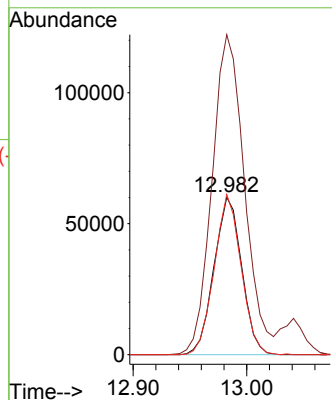
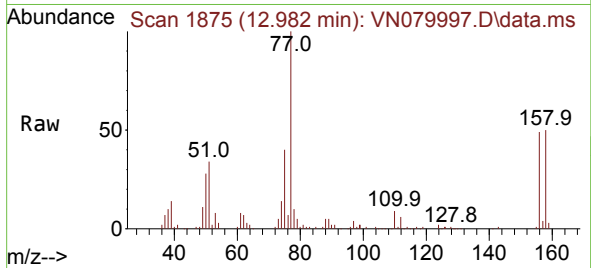




#73  
Bromobenzene  
Concen: 19.031 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

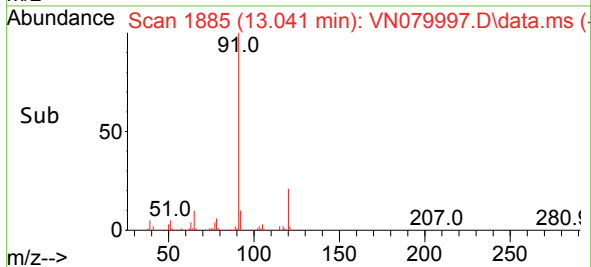
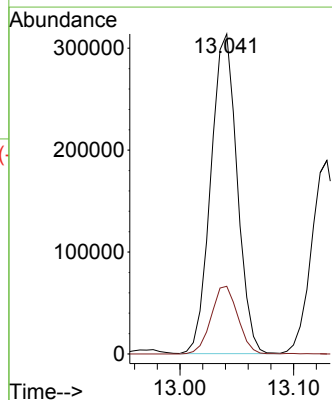
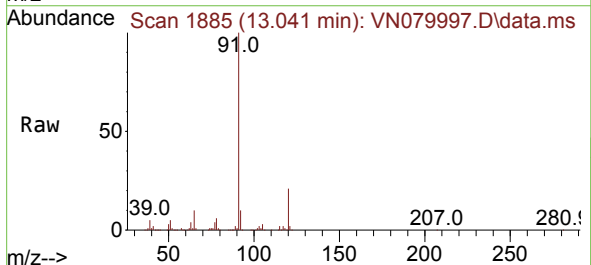
Instrument :  
MSVOA\_N  
ClientSampleId :

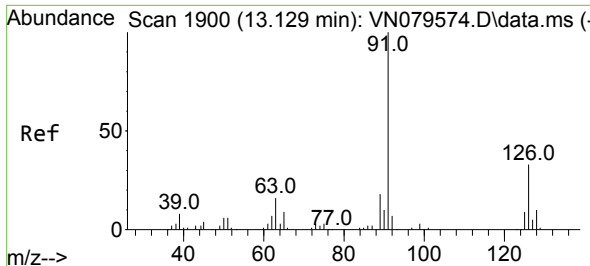
Tgt Ion:156 Resp: 102003  
Ion Ratio Lower Upper  
156 100  
77 237.9 0.0 448.2  
158 98.7 0.0 194.8



#74  
n-propylbenzene  
Concen: 19.389 ug/l  
RT: 13.041 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 91 Resp: 505671  
Ion Ratio Lower Upper  
91 100  
120 21.4 0.0 42.0

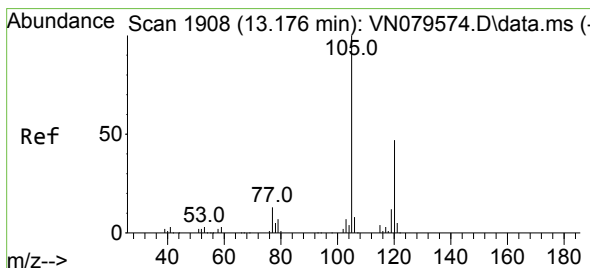
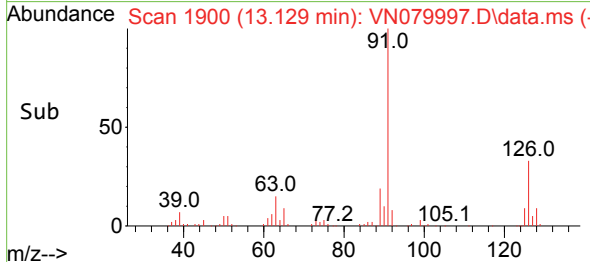
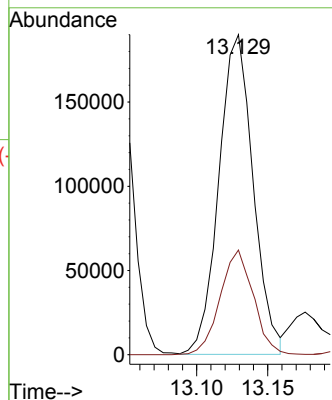
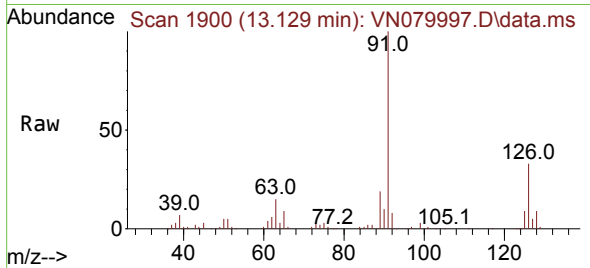




#75  
2-Chlorotoluene  
Concen: 19.237 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

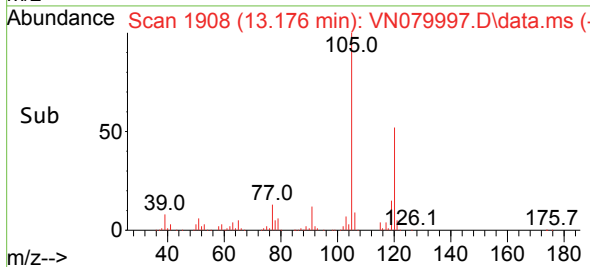
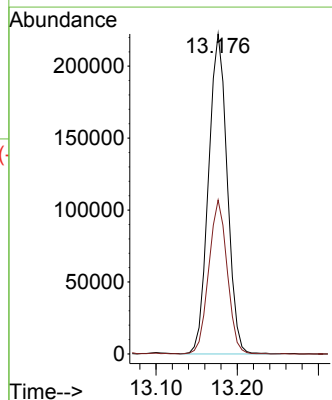
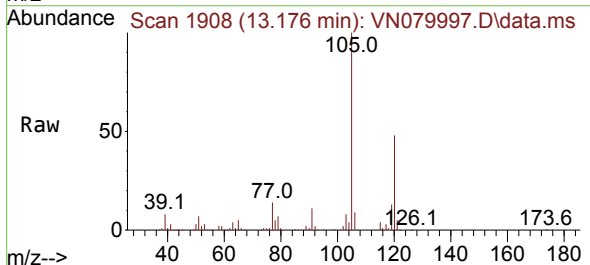
Instrument :  
MSVOA\_N  
ClientSampleId :

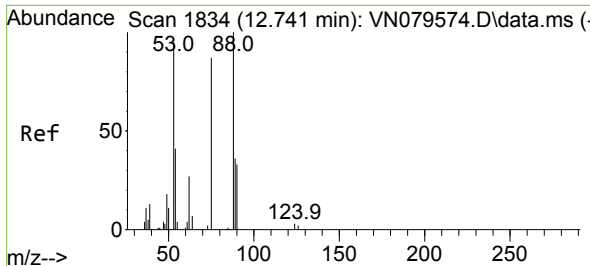
Tgt Ion: 91 Resp: 318901  
Ion Ratio Lower Upper  
91 100  
126 31.8 0.0 64.6



#76  
1,3,5-Trimethylbenzene  
Concen: 19.705 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 105 Resp: 355318  
Ion Ratio Lower Upper  
105 100  
120 47.3 0.0 93.2

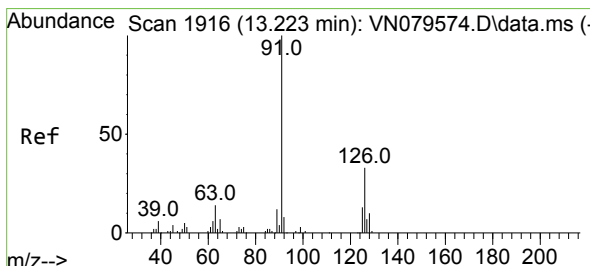
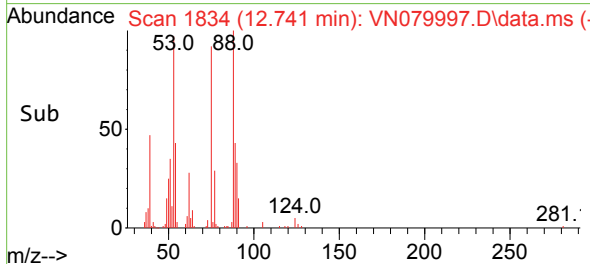
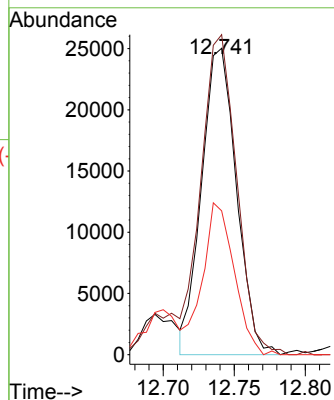
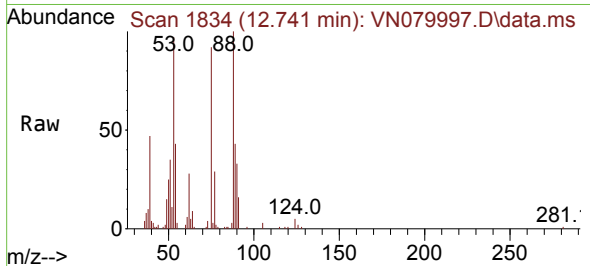




#77  
t-1,4-Dichloro-2-butene  
Concen: 18.895 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

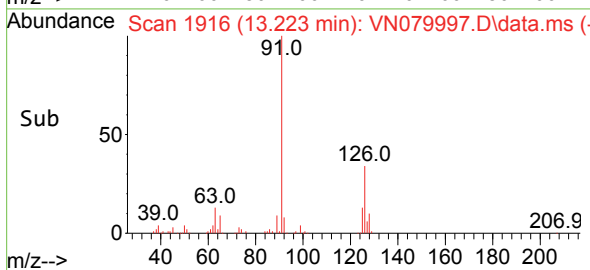
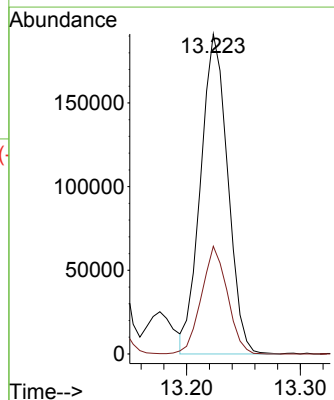
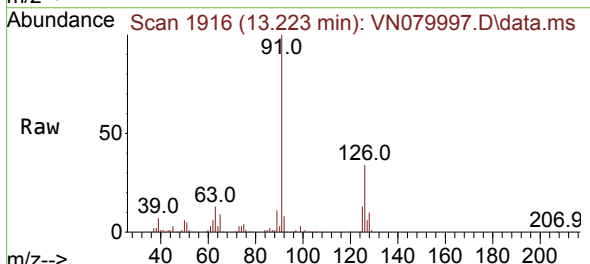
Instrument :  
MSVOA\_N  
ClientSampleId :

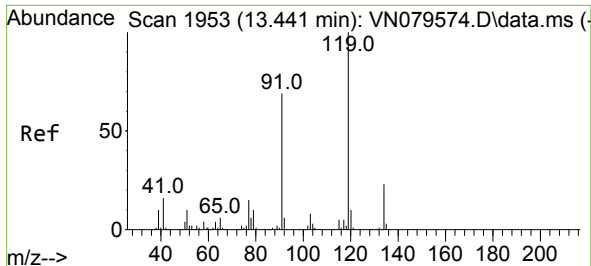
Tgt Ion: 75 Resp: 42688  
Ion Ratio Lower Upper  
75 100  
53 102.7 53.0 159.1  
89 46.9 22.6 67.7



#78  
4-Chlorotoluene  
Concen: 19.224 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 91 Resp: 316513  
Ion Ratio Lower Upper  
91 100  
126 32.3 0.0 65.4

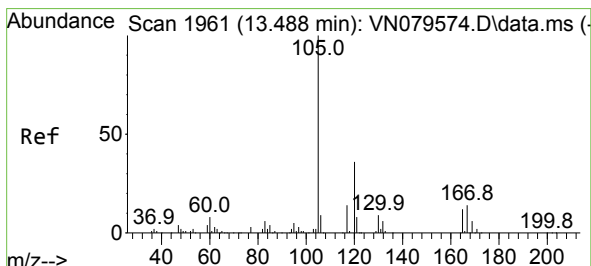
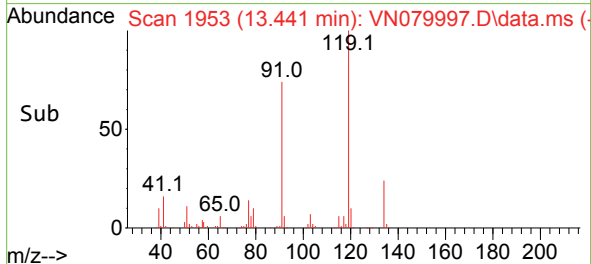
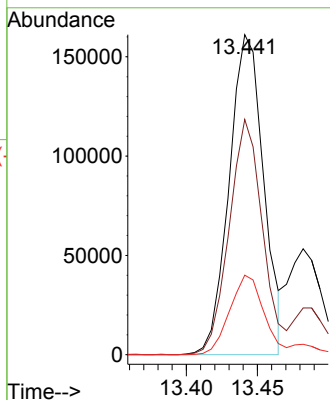
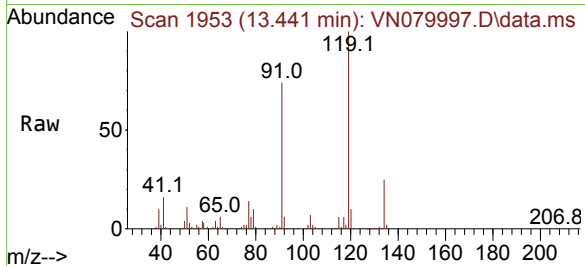




#79  
tert-butylbenzene  
Concen: 19.246 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

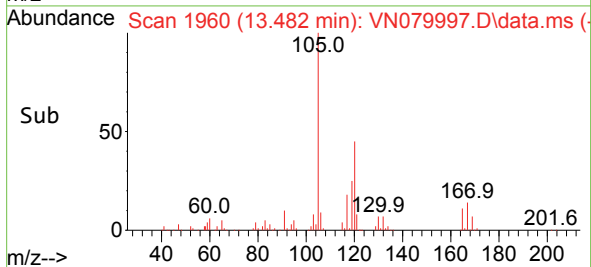
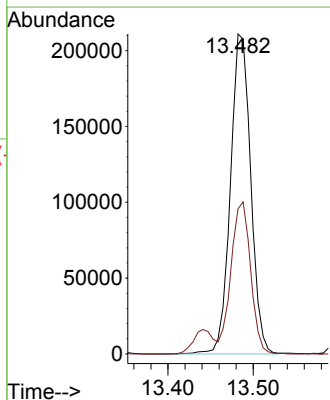
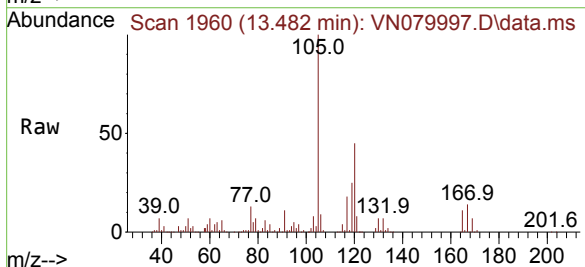
Instrument :  
MSVOA\_N  
ClientSampleId :

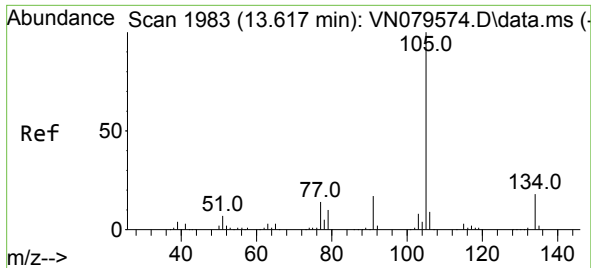
Tgt Ion:119 Resp: 271795  
Ion Ratio Lower Upper  
119 100  
91 71.7 0.0 140.6  
134 24.5 0.0 49.8



#80  
1,2,4-Trimethylbenzene  
Concen: 19.739 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion:105 Resp: 349014  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 88.6

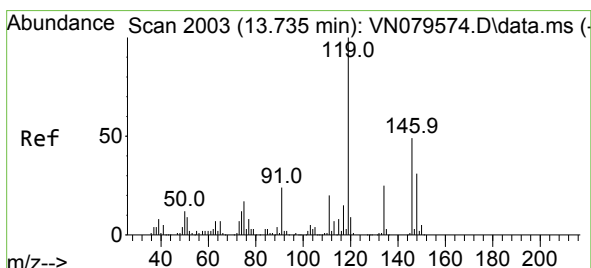
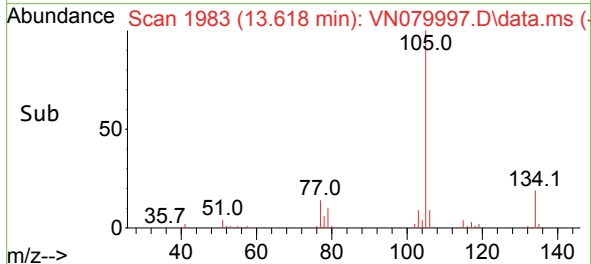
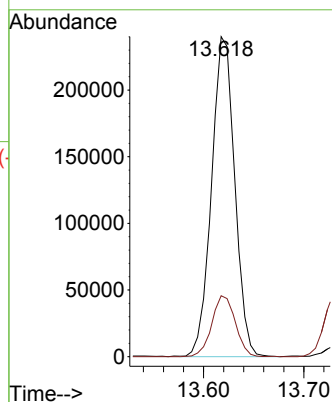
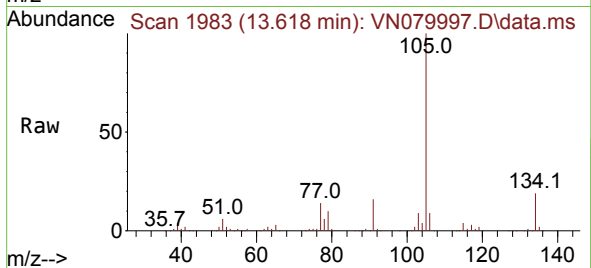




#81  
 sec-Butylbenzene  
 Concen: 19.396 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. 0.001 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

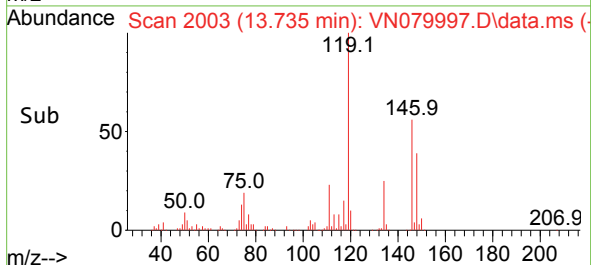
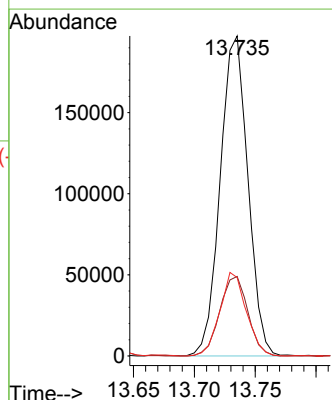
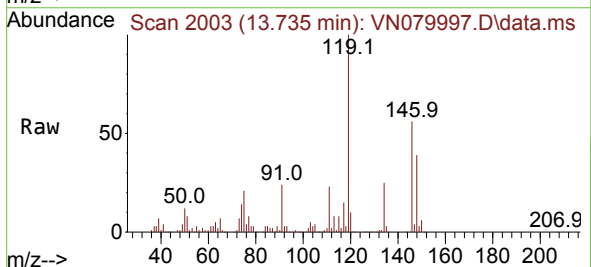
Instrument :  
 MSVOA\_N  
 ClientSampleId :

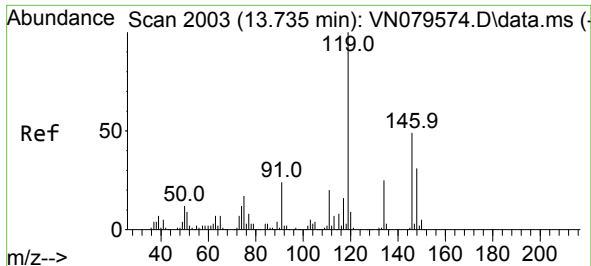
Tgt Ion:105 Resp: 386644  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 0.0 38.2



#82  
 p-Isopropyltoluene  
 Concen: 19.289 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

Tgt Ion:119 Resp: 312279  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 0.0 52.2  
 91 25.0 0.0 50.0

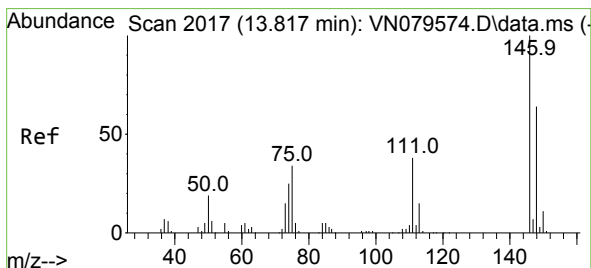
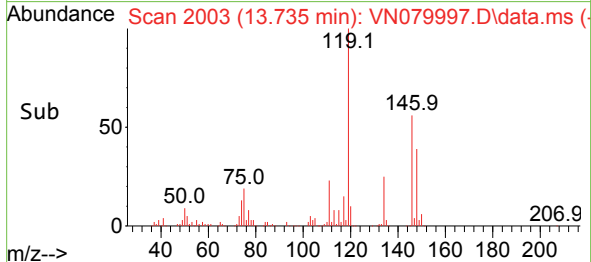
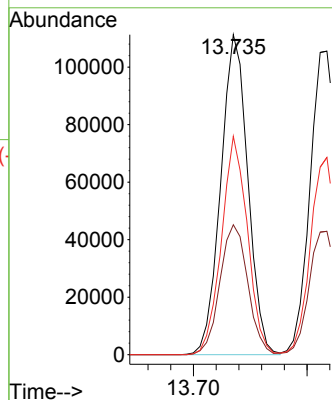
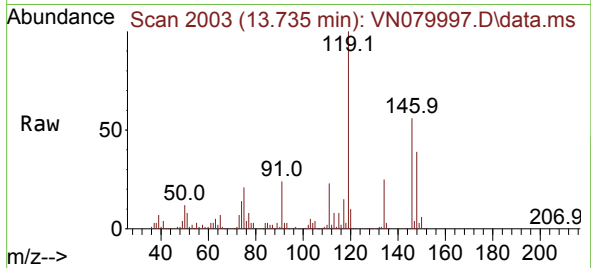




#83  
 1,3-Dichlorobenzene  
 Concen: 18.883 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

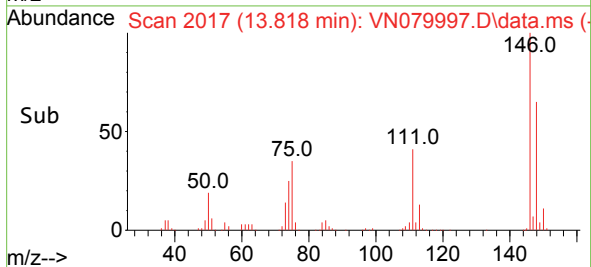
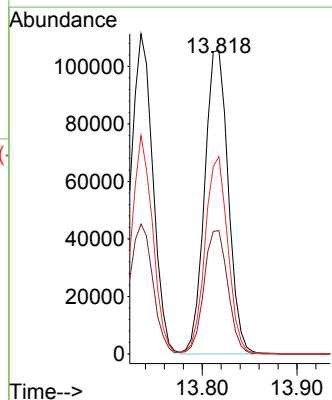
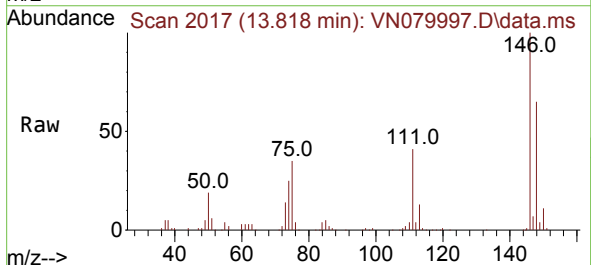
Instrument :  
 MSVOA\_N  
 ClientSampleId :

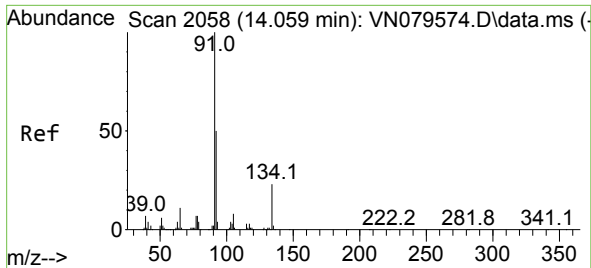
Tgt Ion:146 Resp: 184415  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 21.0 63.0  
 148 65.6 32.4 97.0



#84  
 1,4-Dichlorobenzene  
 Concen: 19.061 ug/l  
 RT: 13.818 min Scan# 2017  
 Delta R.T. 0.001 min  
 Lab File: VN079997.D  
 Acq: 08 Nov 2023 17:57

Tgt Ion:146 Resp: 182719  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 19.9 59.7  
 148 62.8 32.6 97.7

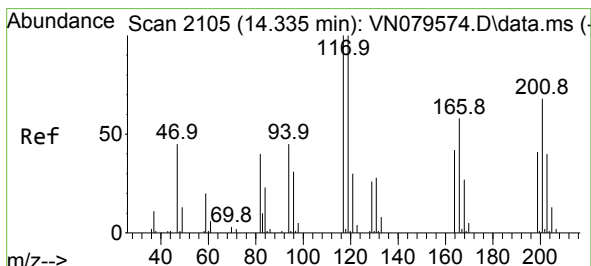
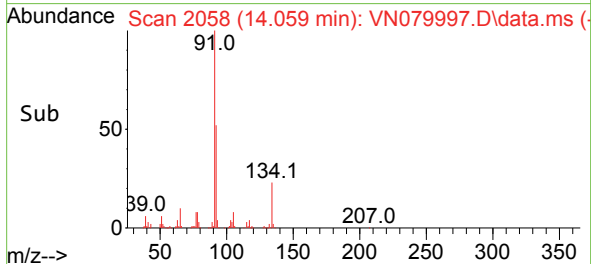
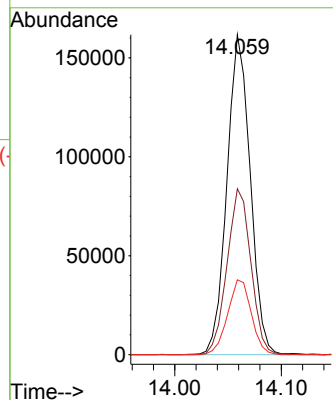
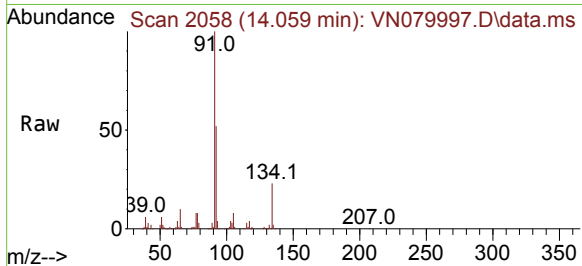




#85  
n-Butylbenzene  
Concen: 18.178 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

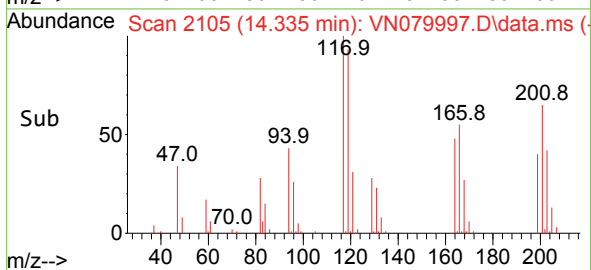
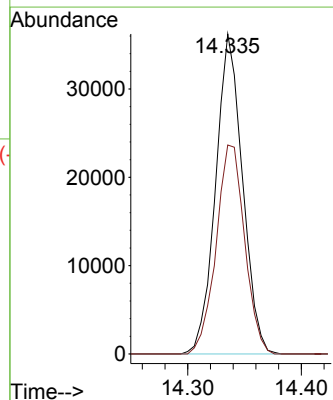
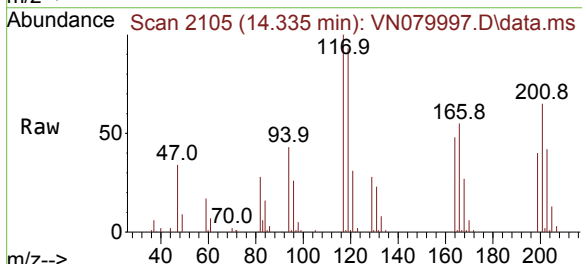
Instrument :  
MSVOA\_N  
ClientSampleId :

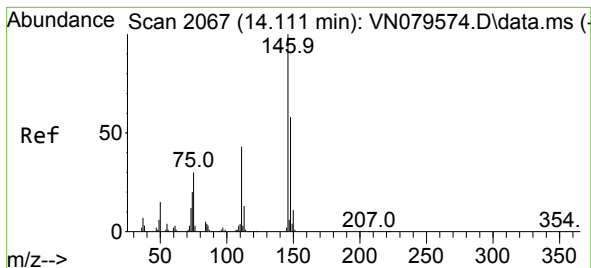
Tgt Ion: 91 Resp: 246137  
Ion Ratio Lower Upper  
91 100  
92 53.0 0.0 99.6  
134 23.8 0.0 46.2



#86  
Hexachloroethane  
Concen: 18.917 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion: 117 Resp: 59552  
Ion Ratio Lower Upper  
117 100  
201 69.3 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 19.254 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

Instrument :

MSVOA\_N

ClientSampleId :

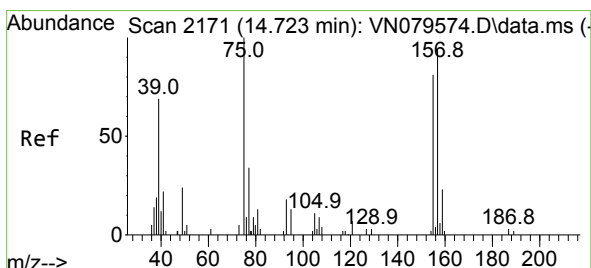
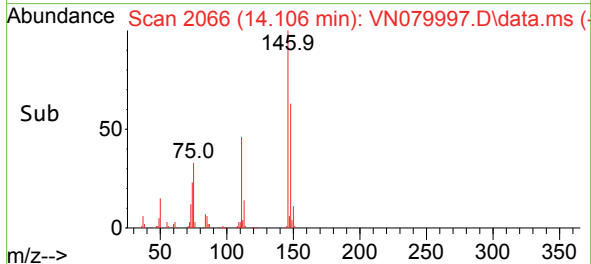
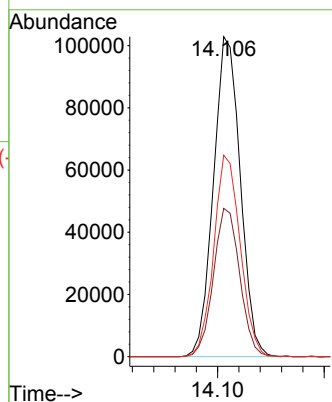
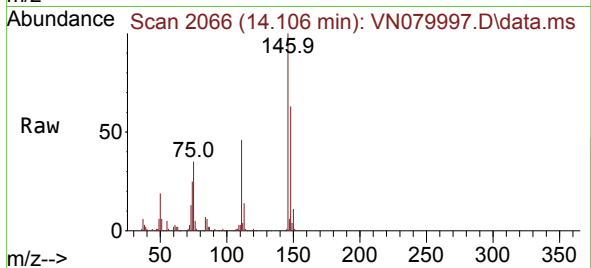
Tgt Ion:146 Resp: 179646

Ion Ratio Lower Upper

146 100

111 45.5 22.0 66.0

148 62.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.184 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079997.D

Acq: 08 Nov 2023 17:57

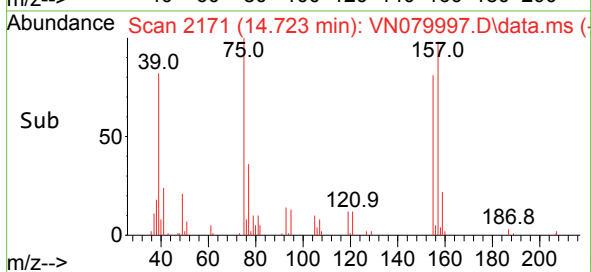
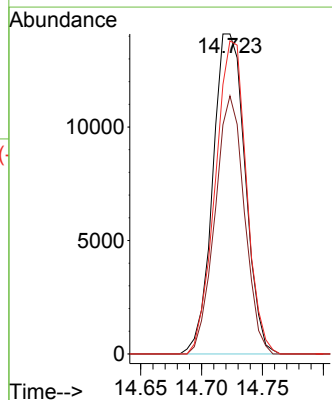
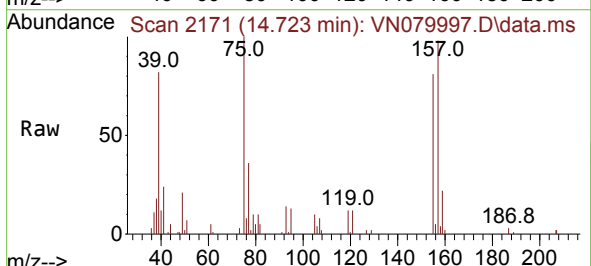
Tgt Ion: 75 Resp: 26050

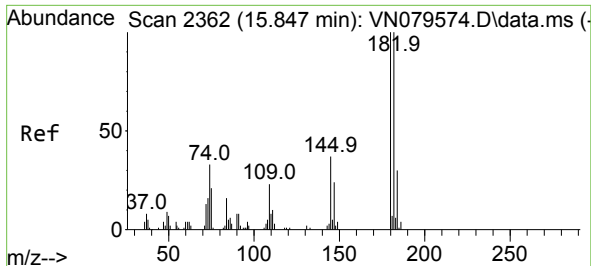
Ion Ratio Lower Upper

75 100

155 73.3 60.7 91.1

157 94.1 76.8 115.2

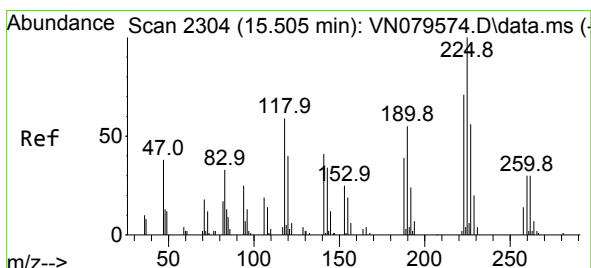
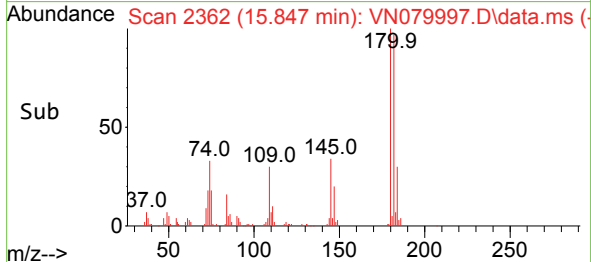
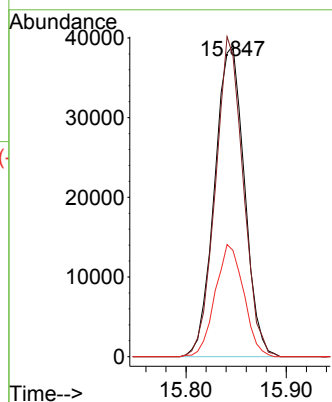
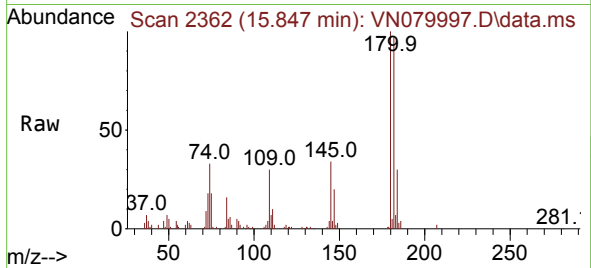




#89  
1,2,4-Trichlorobenzene  
Concen: 18.607 ug/l  
RT: 15.847 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

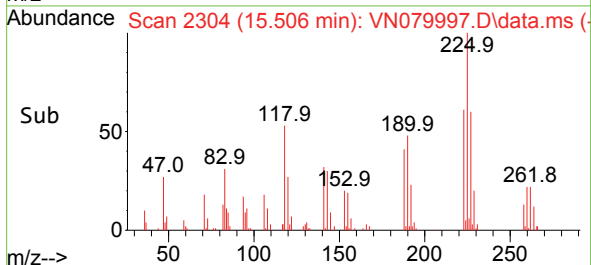
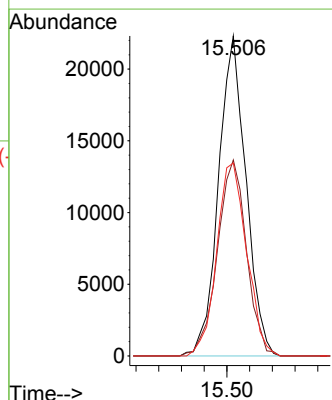
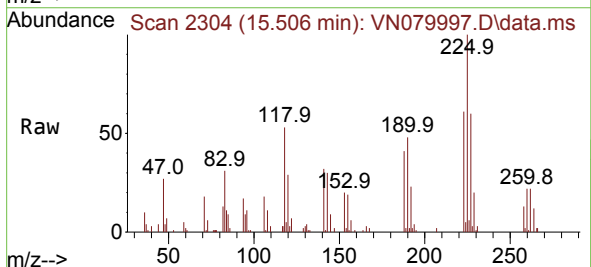
Instrument :  
MSVOA\_N  
ClientSampleId :

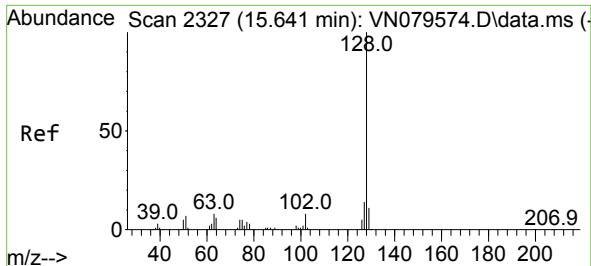
Tgt Ion:180 Resp: 80431  
Ion Ratio Lower Upper  
180 100  
182 96.1 74.2 111.4  
145 34.5 25.4 38.2



#90  
Hexachlorobutadiene  
Concen: 17.615 ug/l  
RT: 15.506 min Scan# 2304  
Delta R.T. 0.001 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

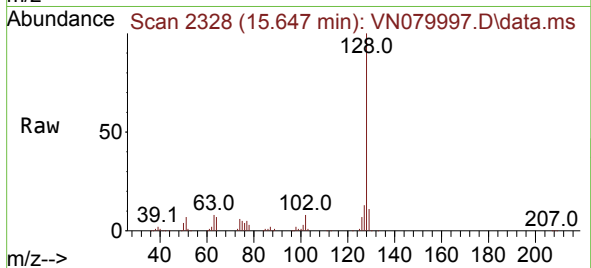
Tgt Ion:225 Resp: 37526  
Ion Ratio Lower Upper  
225 100  
223 64.7 0.0 126.0  
227 65.8 0.0 127.0



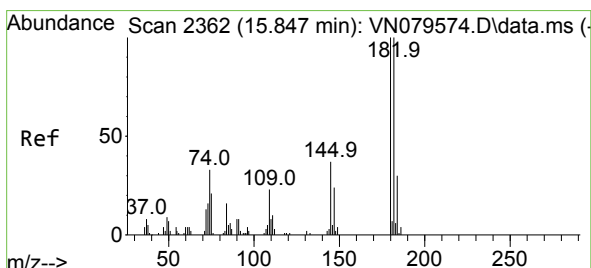
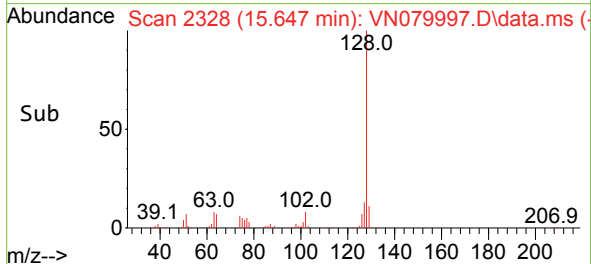
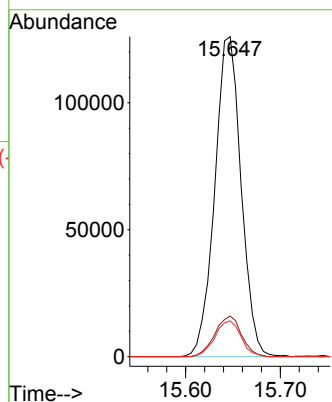


#91  
Naphthalene  
Concen: 17.558 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion:128 Resp: 243559  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.9 16.3  
129 11.1 8.6 12.8



#92  
1,2,3-Trichlorobenzene  
Concen: 18.607 ug/l  
RT: 15.847 min Scan# 2362  
Delta R.T. -0.000 min  
Lab File: VN079997.D  
Acq: 08 Nov 2023 17:57

Tgt Ion:180 Resp: 80431  
Ion Ratio Lower Upper  
180 100  
182 96.1 0.0 185.6  
145 34.5 0.0 63.6

