

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050124\  
 Data File : VN081961.D  
 Acq On : 01 May 2024 17:02  
 Operator : JC\MD  
 Sample : P2306-03MSD  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 02 01:46:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 26 05:26:49 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 8.224  | 168   | 176452   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100  | 114   | 351089   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865 | 117   | 307660   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794 | 152   | 127796   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582  | 65    | 142878   | 47.977   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 95.960%  |
| 35) Dibromofluoromethane     | 8.165  | 113   | 102311   | 48.400   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 96.800%  |
| 50) Toluene-d8               | 10.571 | 98    | 436471   | 52.574   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 105.140% |
| 62) 4-Bromofluorobenzene     | 12.847 | 95    | 155075   | 47.253   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 64 - 133 | Recovery | =      | 94.500%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124  | 85    | 118579   | 47.873   | ug/l   | 100      |
| 3) Chloromethane             | 2.359  | 50    | 127033   | 49.161   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.512  | 62    | 119972   | 51.290   | ug/l   | 96       |
| 5) Bromomethane              | 2.953  | 94    | 53355    | 54.028   | ug/l   | 92       |
| 6) Chloroethane              | 3.118  | 64    | 68351    | 57.816   | ug/l # | 89       |
| 7) Trichlorofluoromethane    | 3.495  | 101   | 170915   | 47.235   | ug/l   | 95       |
| 8) Diethyl Ether             | 3.959  | 74    | 83605    | 54.393   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371  | 101   | 112661   | 53.629   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.583  | 142   | 110523   | 60.068   | ug/l   | 92       |
| 11) Tert butyl alcohol       | 5.518  | 59    | 123060   | 227.308  | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.342  | 96    | 114192   | 53.432   | ug/l   | 89       |
| 13) Acrolein                 | 4.177  | 56    | 104483   | 247.314  | ug/l   | 97       |
| 14) Allyl chloride           | 5.018  | 41    | 205836   | 45.533   | ug/l   | 90       |
| 15) Acrylonitrile            | 5.718  | 53    | 343388   | 264.147  | ug/l   | 98       |
| 16) Acetone                  | 4.424  | 43    | 236778   | 269.293  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.712  | 76    | 305595   | 47.575   | ug/l   | 100      |
| 18) Methyl Acetate           | 5.024  | 43    | 153736   | 50.966   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.800  | 73    | 417652   | 51.790   | ug/l   | 91       |
| 20) Methylene Chloride       | 5.277  | 84    | 134523   | 52.710   | ug/l # | 87       |
| 21) trans-1,2-Dichloroethene | 5.783  | 96    | 116306   | 49.913   | ug/l # | 82       |
| 22) Diisopropyl ether        | 6.671  | 45    | 465269   | 53.188   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.606  | 43    | 1804396  | 253.868  | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.565  | 63    | 249385   | 54.773   | ug/l   | 98       |
| 25) 2-Butanone               | 7.483  | 43    | 428536   | 253.532  | ug/l   | 89       |
| 26) 2,2-Dichloropropane      | 7.494  | 77    | 186286   | 44.477   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.488  | 96    | 151019   | 55.463   | ug/l   | 89       |
| 28) Bromochloromethane       | 7.818  | 49    | 114361   | 52.848   | ug/l # | 77       |
| 29) Tetrahydrofuran          | 7.835  | 42    | 305447   | 251.997  | ug/l   | 89       |
| 30) Chloroform               | 7.965  | 83    | 233990   | 51.847   | ug/l   | 98       |
| 31) Cyclohexane              | 8.253  | 56    | 219491   | 48.925   | ug/l   | 89       |
| 32) 1,1,1-Trichloroethane    | 8.171  | 97    | 192276   | 47.774   | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.371  | 75    | 167519   | 48.712   | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.559  | 43    | 188764   | 50.767   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.365  | 117   | 152881   | 45.485   | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.600  | 83    | 205546   | 49.214   | ug/l # | 86       |
| 40) Benzene                  | 8.606  | 78    | 549977   | 53.274   | ug/l   | 97       |

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 MSVOA\_N  
 ClientSampleId :

Quant Time: May 02 01:46:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 26 05:26:49 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 108104   | 45.565   | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 179581   | 46.845   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 341952   | 48.910   | ug/l   | 94       |
| 44) Trichloroethene           | 9.353  | 130  | 134613   | 56.556   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 143494   | 53.111   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 91347    | 48.916   | ug/l   | 91       |
| 47) Bromodichloromethane      | 9.888  | 83   | 189789   | 48.191   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 152977   | 45.835   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 53075    | 1046.261 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 981983   | 249.502  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 327692   | 53.004   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 205312   | 47.911   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 219144   | 49.619   | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 122255   | 50.281   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 228716   | 49.400   | ug/l   | 87       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 225660   | 52.203   | ug/l   | 99       |
| 59) 2-Hexanone                | 11.200 | 43   | 729088   | 248.920  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.359 | 129  | 130205   | 50.560   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 119732   | 51.494   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 99932    | 44.722   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.894 | 112  | 347582   | 51.734   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 108893   | 49.870   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.965 | 91   | 626717   | 50.158   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.070 | 106  | 468317   | 105.078  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 226471   | 52.048   | ug/l   | 93       |
| 70) Styrene                   | 12.412 | 104  | 389318   | 51.721   | ug/l   | 97       |
| 71) Bromoform                 | 12.582 | 173  | 79101    | 46.079   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 579636   | 51.014   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 308148   | 48.712   | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 176968   | 51.865   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 243311   | 73.431   | ug/l   | 63       |
| 77) Bromobenzene              | 12.982 | 156  | 121321   | 51.025   | ug/l   | 74       |
| 78) n-propylbenzene           | 13.035 | 91   | 697694   | 50.552   | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 419315   | 47.753   | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 473641   | 49.262   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 78369    | 48.465   | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 416315   | 48.835   | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 395597   | 49.407   | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 469909   | 48.940   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 580300   | 51.452   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 457611   | 50.531   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 228309   | 51.462   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 225803   | 51.685   | ug/l   | 96       |
| 89) n-Butylbenzene            | 14.059 | 91   | 426095   | 50.549   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.335 | 117  | 87401    | 49.061   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 217219   | 51.075   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 35204    | 42.379   | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 116320   | 48.887   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 38101    | 43.445   | ug/l   | 95       |
| 95) Naphthalene               | 15.641 | 128  | 444231   | 49.409   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 113892   | 49.856   | ug/l   | 98       |

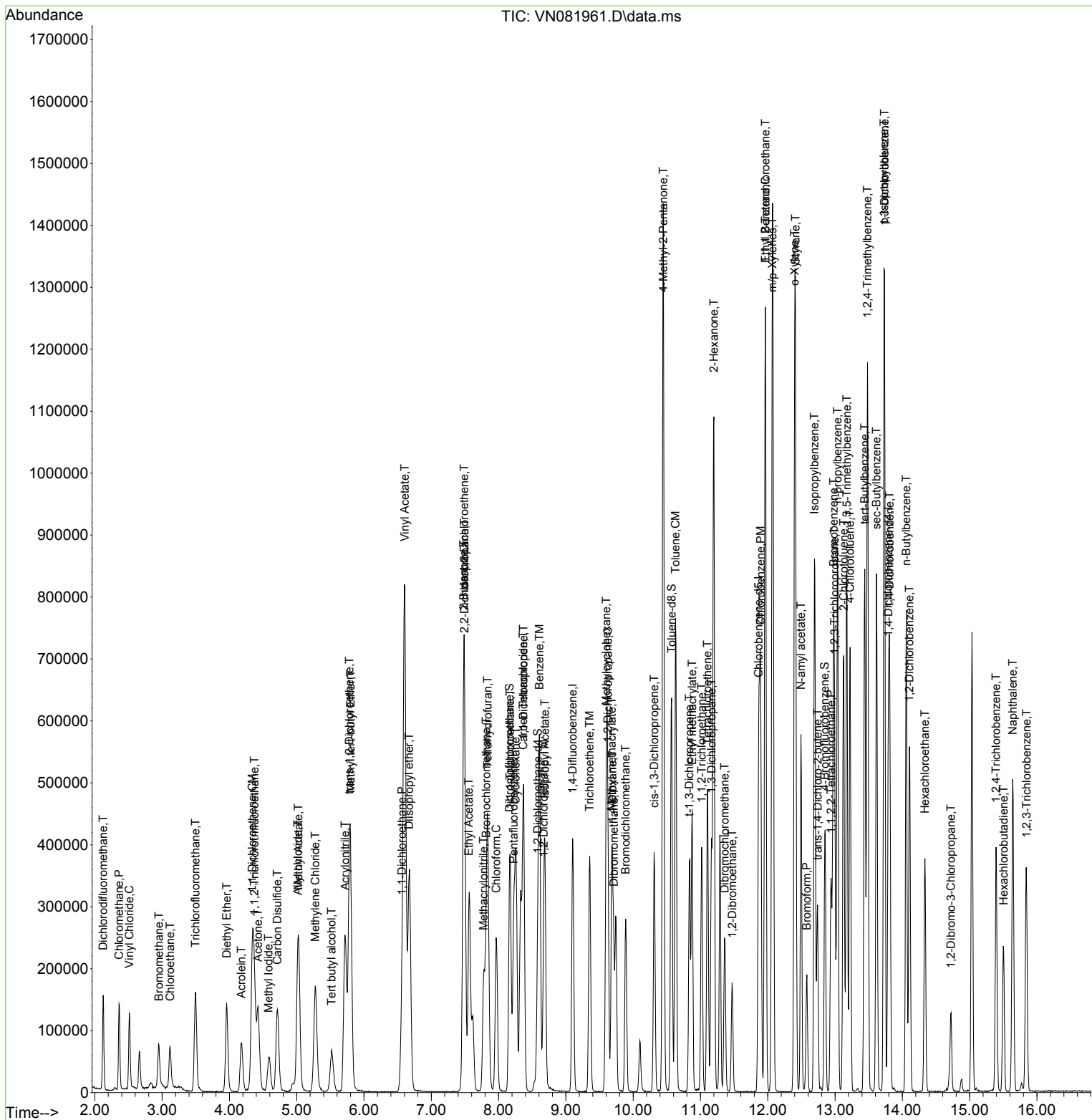
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050124\  
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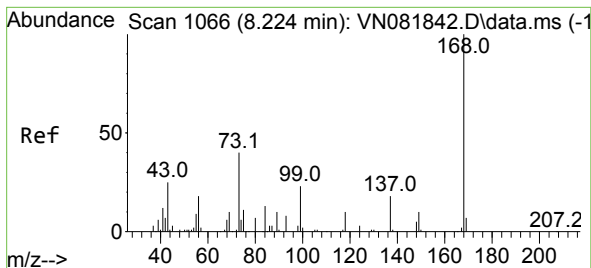
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 02 01:46:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 26 05:26:49 2024  
Response via : Initial Calibration

| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042524W.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 26 05:26:49 2024  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

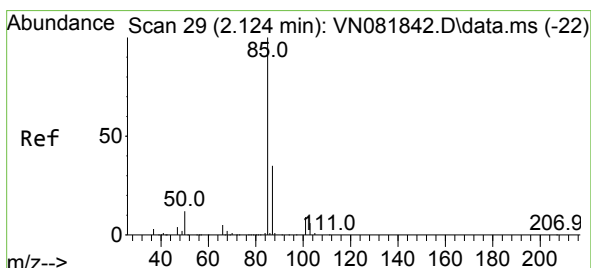
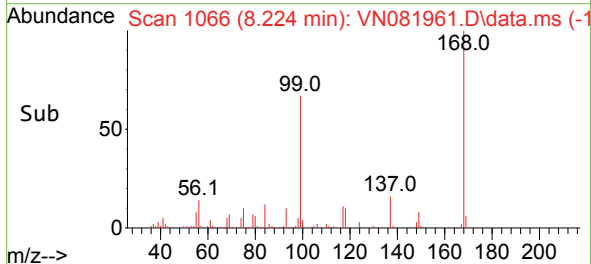
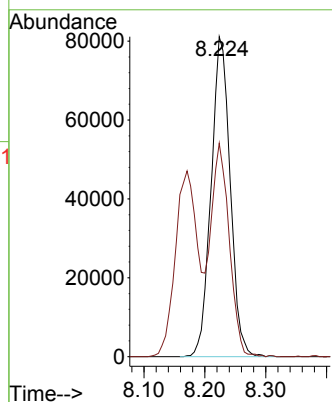
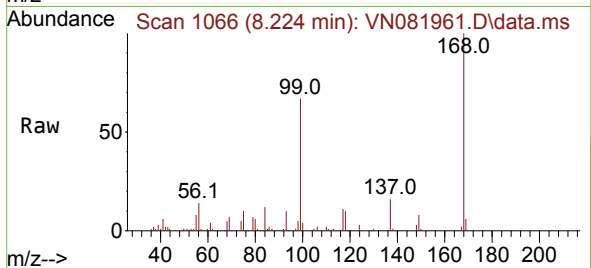
ClientSampleId :

Tgt Ion:168 Resp: 176452

Ion Ratio Lower Upper

168 100

99 66.7 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 47.873 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081961.D

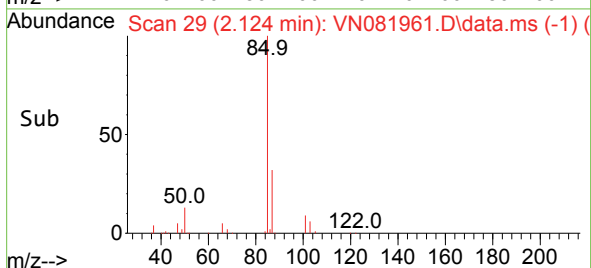
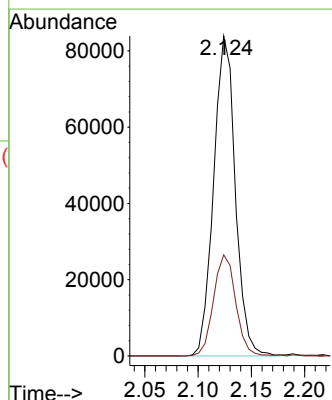
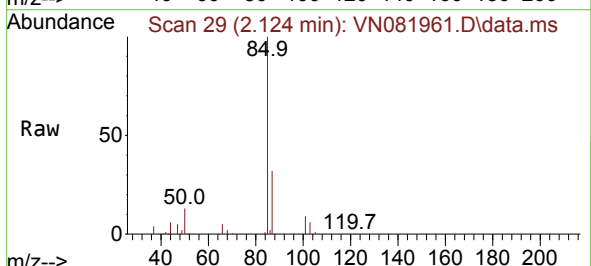
Acq: 01 May 2024 17:02

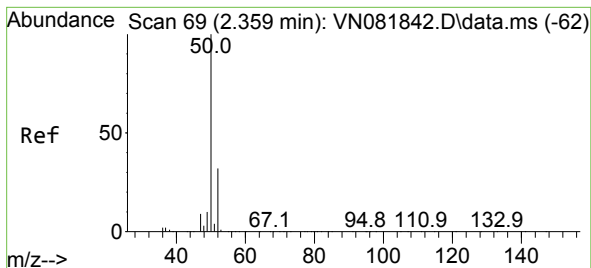
Tgt Ion: 85 Resp: 118579

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.4





#3

Chloromethane

Concen: 49.161 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

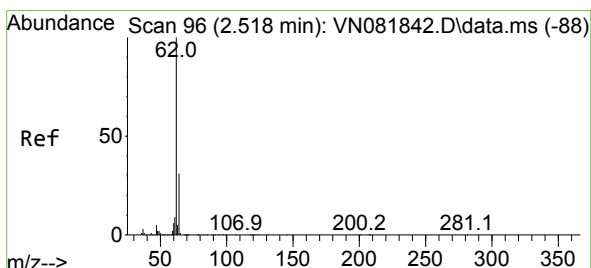
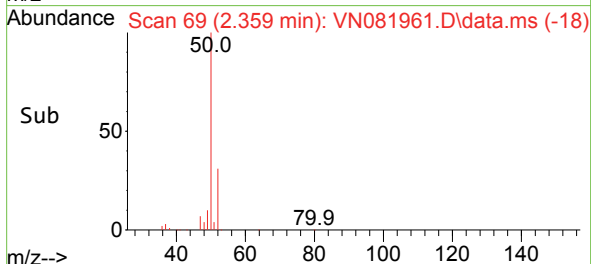
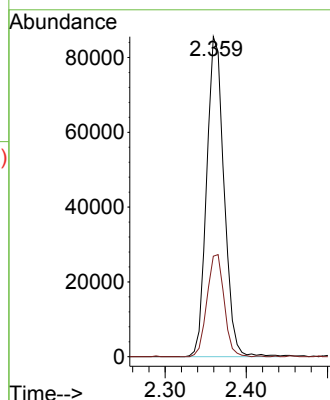
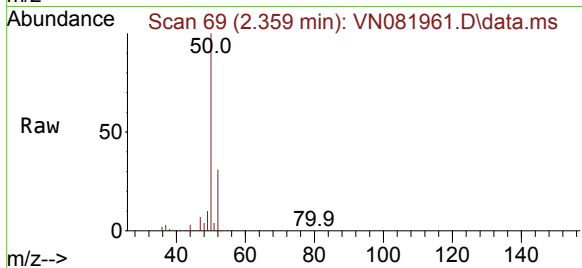
ClientSampleId :

Tgt Ion: 50 Resp: 127033

Ion Ratio Lower Upper

50 100

52 31.4 25.5 38.3



#4

Vinyl Chloride

Concen: 51.290 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN081961.D

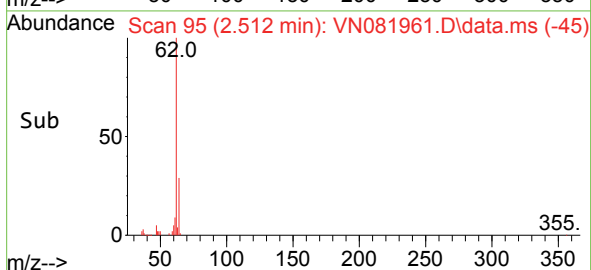
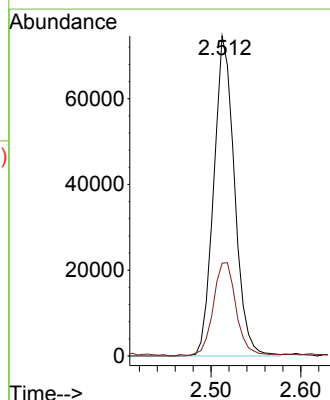
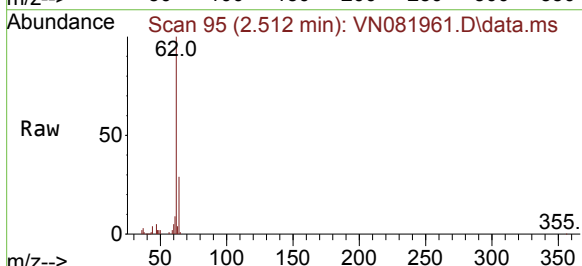
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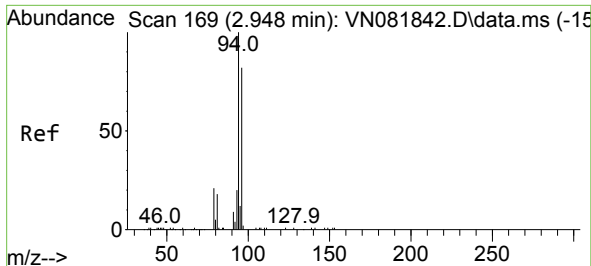
Tgt Ion: 62 Resp: 119972

Ion Ratio Lower Upper

62 100

64 28.6 24.6 37.0

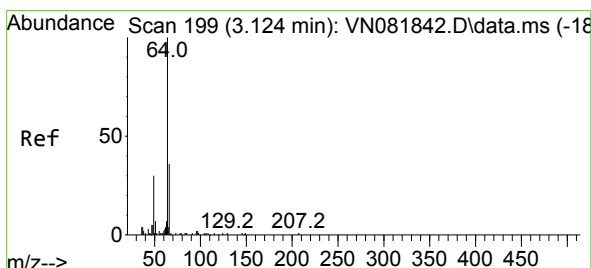
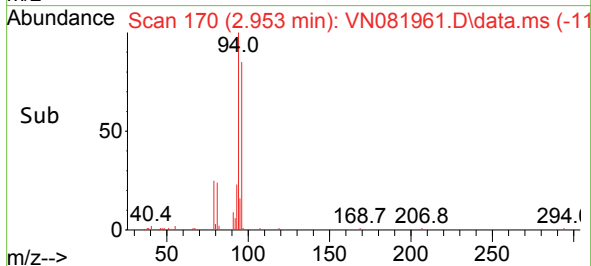
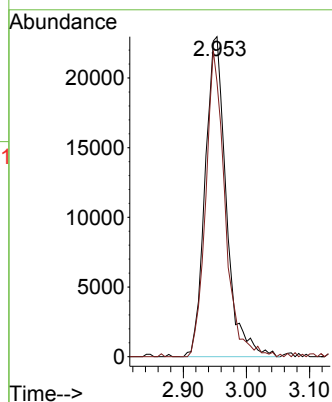
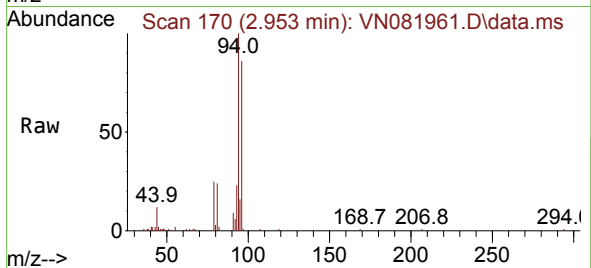




#5  
Bromomethane  
Concen: 54.028 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.005 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

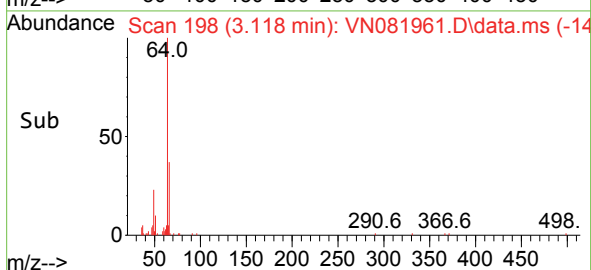
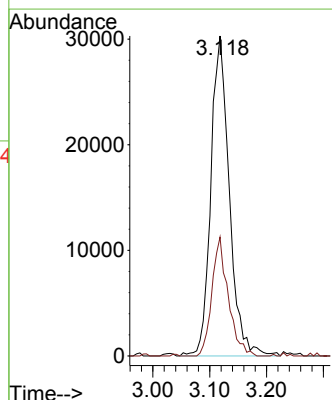
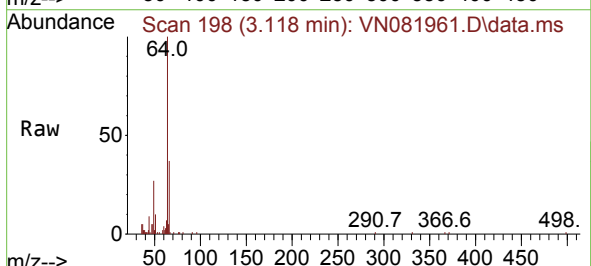
Instrument :  
MSVOA\_N  
ClientSampleId :

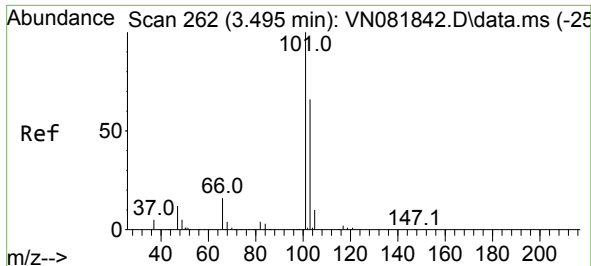
Tgt Ion: 94 Resp: 53355  
Ion Ratio Lower Upper  
94 100  
96 85.8 74.8 112.2



#6  
Chloroethane  
Concen: 57.816 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. -0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 64 Resp: 68351  
Ion Ratio Lower Upper  
64 100  
66 37.2 24.7 37.1#

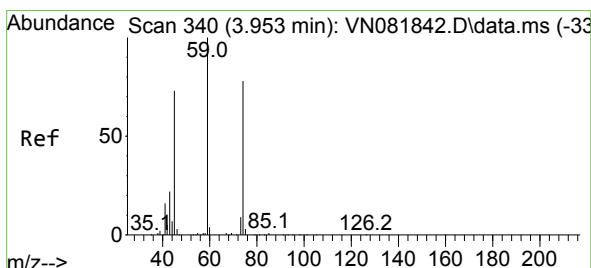
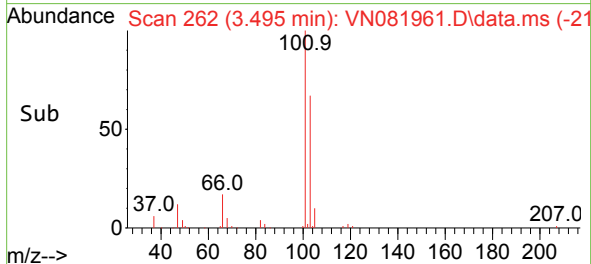
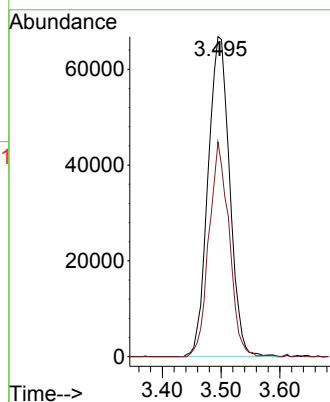
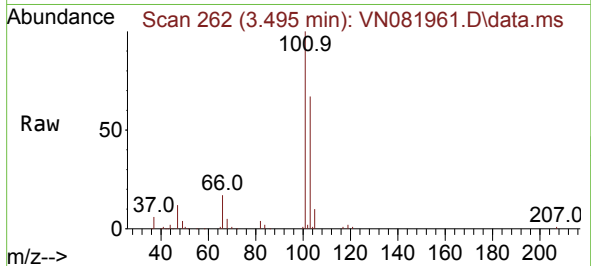




#7  
 Trichlorofluoromethane  
 Concen: 47.235 ug/l  
 RT: 3.495 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

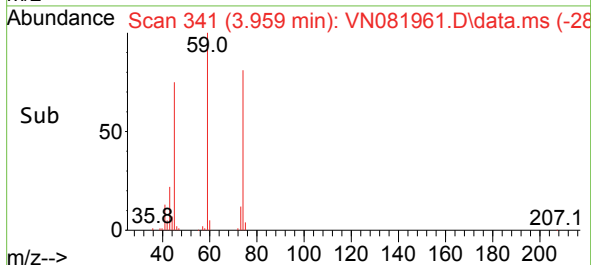
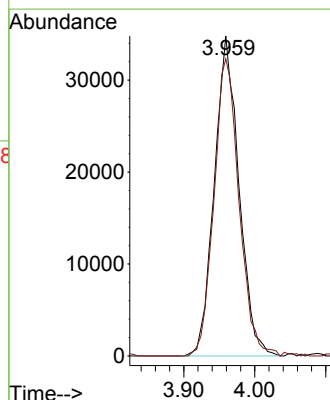
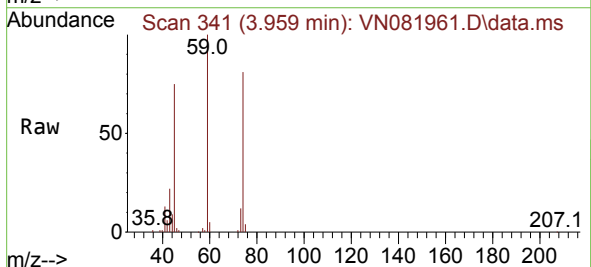
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:101 Resp: 170915  
 Ion Ratio Lower Upper  
 101 100  
 103 67.1 50.6 75.8

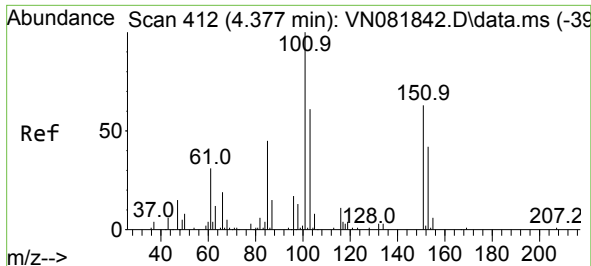


#8  
 Diethyl Ether  
 Concen: 54.393 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Tgt Ion: 74 Resp: 83605  
 Ion Ratio Lower Upper  
 74 100  
 45 94.5 42.4 127.3



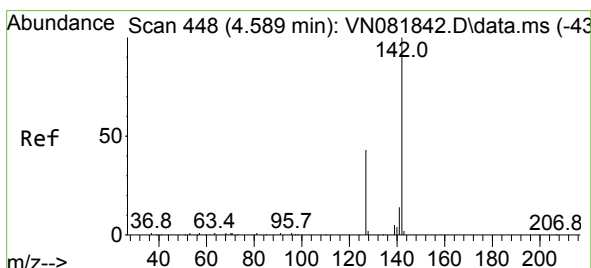
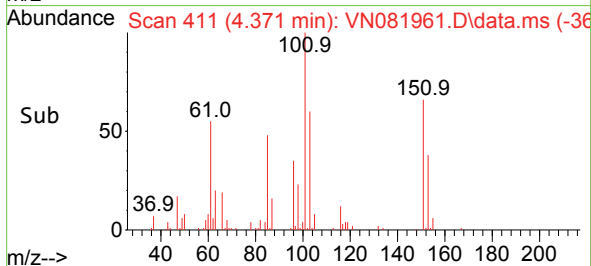
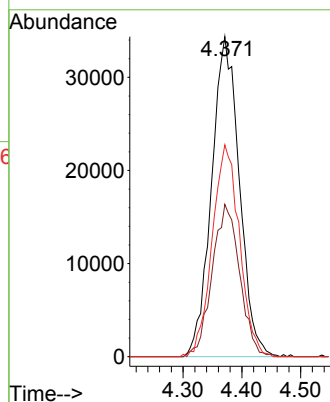
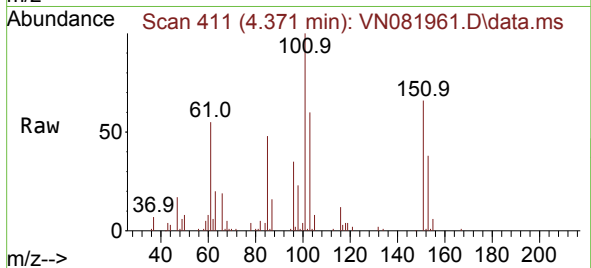




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.629 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

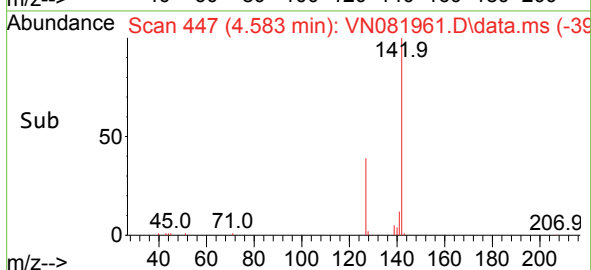
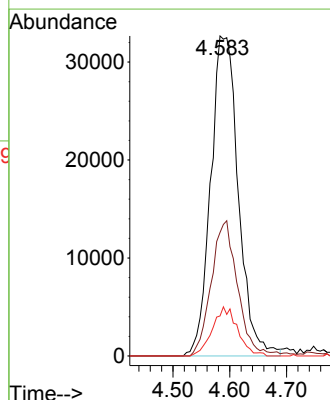
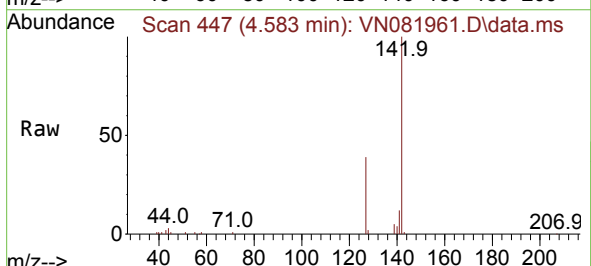
Instrument :  
MSVOA\_N  
ClientSampleId :

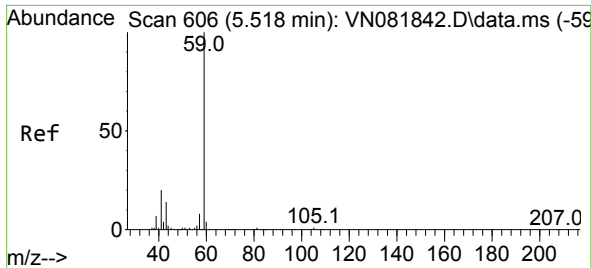
Tgt Ion:101 Resp: 112661  
Ion Ratio Lower Upper  
101 100  
85 47.3 37.3 55.9  
151 65.1 59.2 88.8



#10  
Methyl Iodide  
Concen: 60.068 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

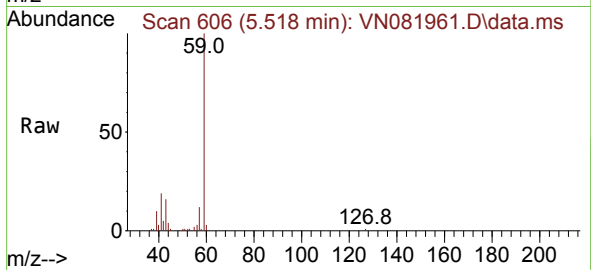
Tgt Ion:142 Resp: 110523  
Ion Ratio Lower Upper  
142 100  
127 38.6 35.8 53.6  
141 12.5 11.4 17.2



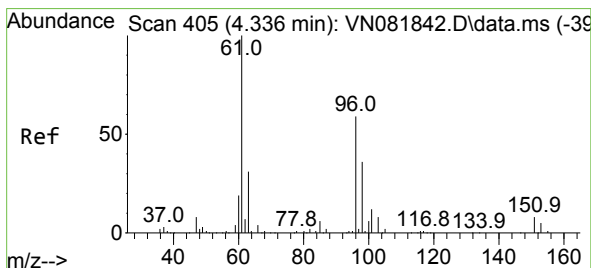
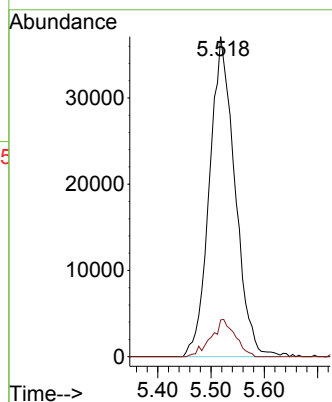
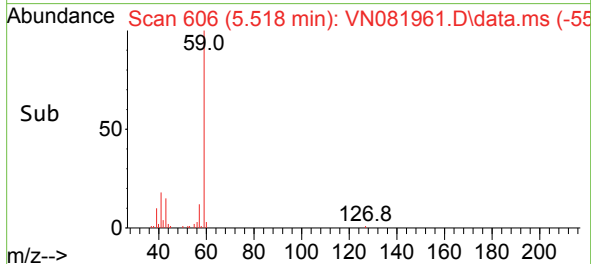


#11  
Tert butyl alcohol  
Concen: 227.308 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

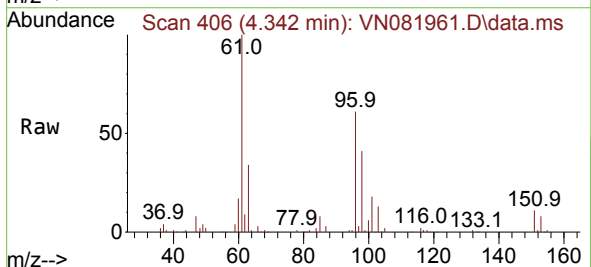
Instrument :  
MSVOA\_N  
ClientSampleId :



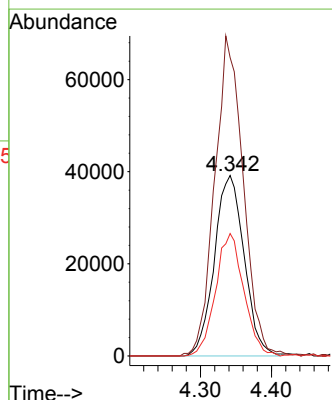
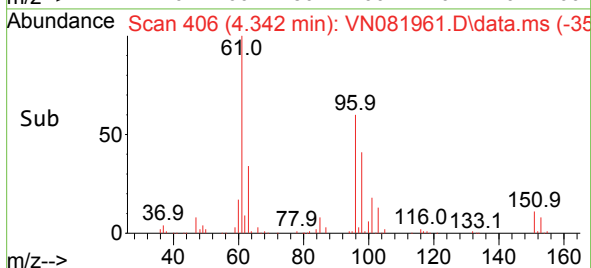
Tgt Ion: 59 Resp: 123060  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.9 13.3

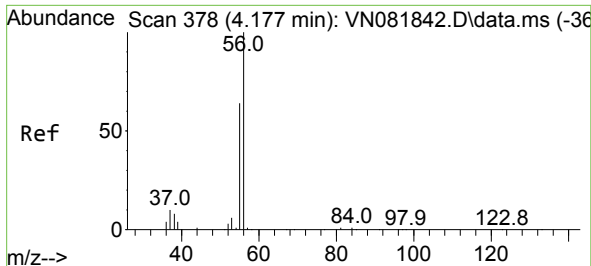


#12  
1,1-Dichloroethene  
Concen: 53.432 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02



Tgt Ion: 96 Resp: 114192  
Ion Ratio Lower Upper  
96 100  
61 165.3 119.7 179.5  
98 67.8 49.6 74.4

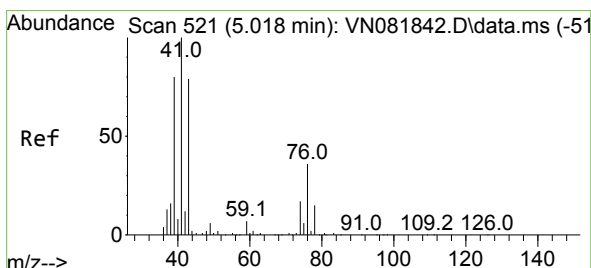
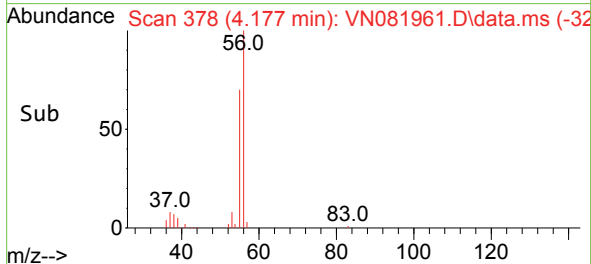
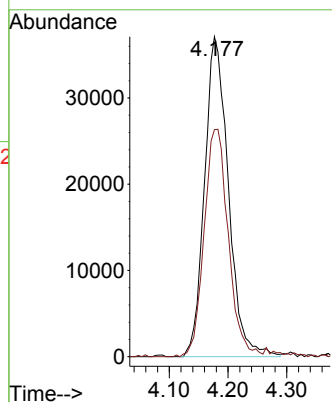
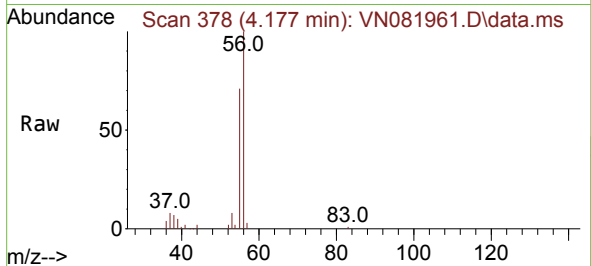




#13  
Acrolein  
Concen: 247.314 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

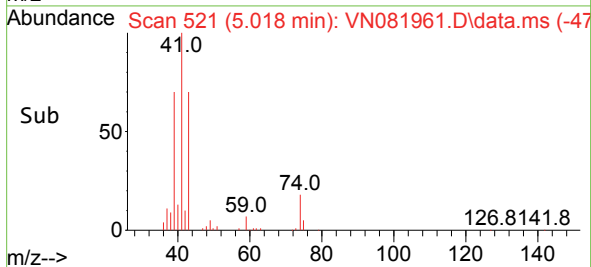
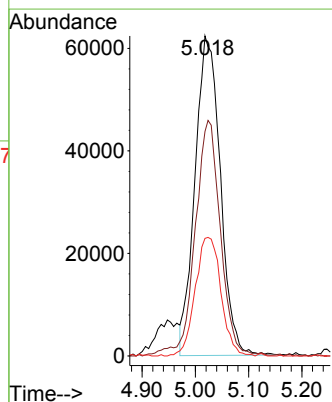
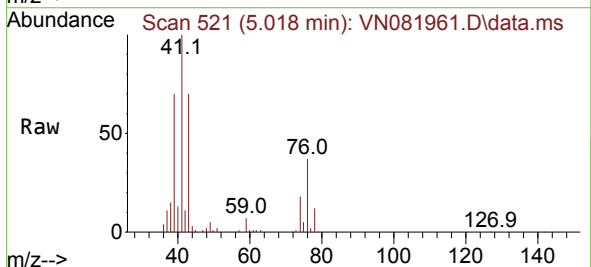
Instrument :  
MSVOA\_N  
ClientSampleId :

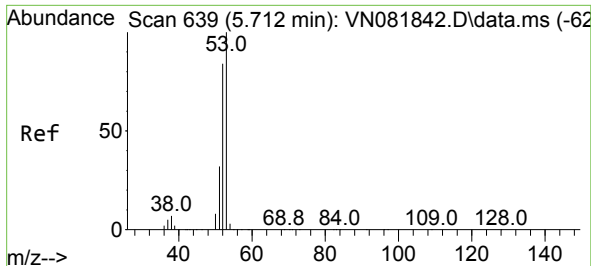
Tgt Ion: 56 Resp: 104483  
Ion Ratio Lower Upper  
56 100  
55 72.1 55.8 83.8



#14  
Allyl chloride  
Concen: 45.533 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

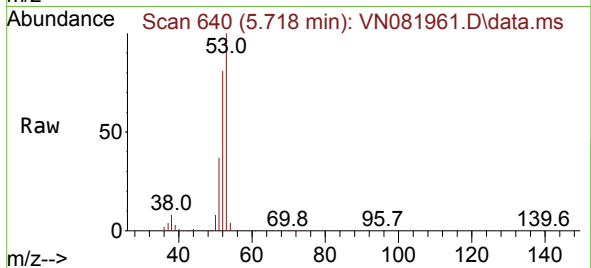
Tgt Ion: 41 Resp: 205836  
Ion Ratio Lower Upper  
41 100  
39 73.9 65.4 98.0  
76 37.7 37.3 55.9



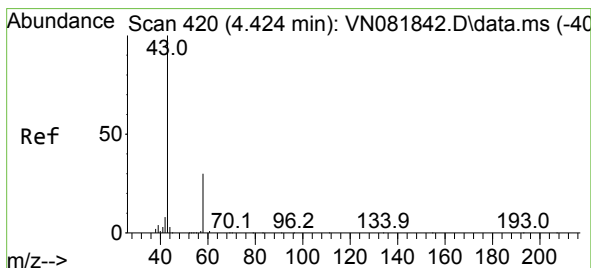
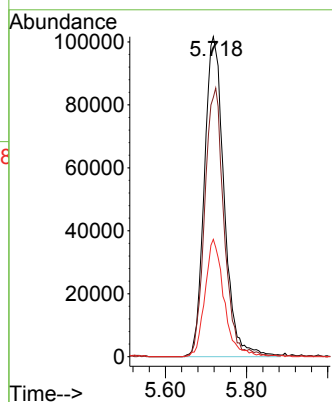


#15  
Acrylonitrile  
Concen: 264.147 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :

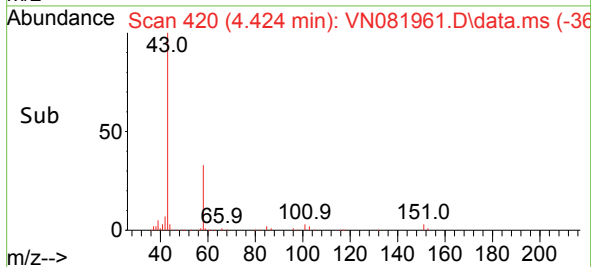
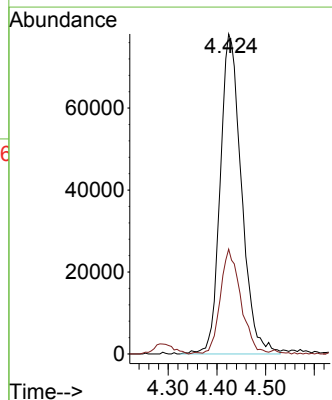
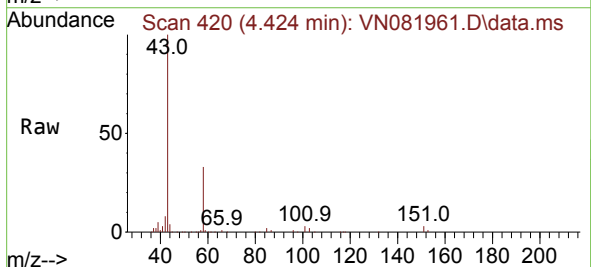


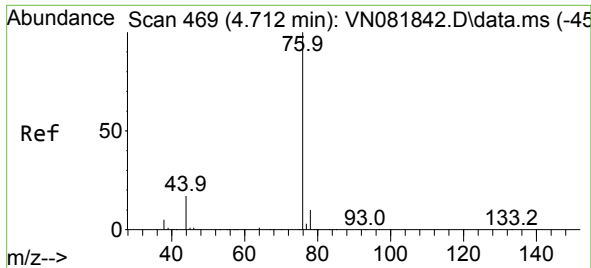
Tgt Ion: 53 Resp: 343388  
Ion Ratio Lower Upper  
53 100  
52 81.6 66.1 99.1  
51 35.4 29.4 44.2



#16  
Acetone  
Concen: 269.293 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 43 Resp: 236778  
Ion Ratio Lower Upper  
43 100  
58 32.3 25.2 37.8

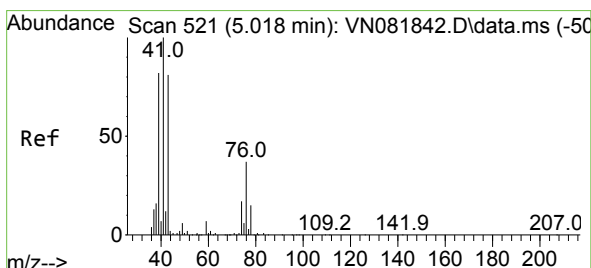
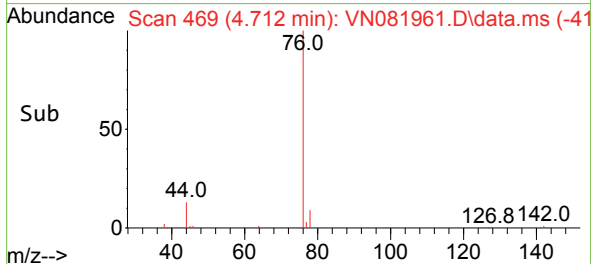
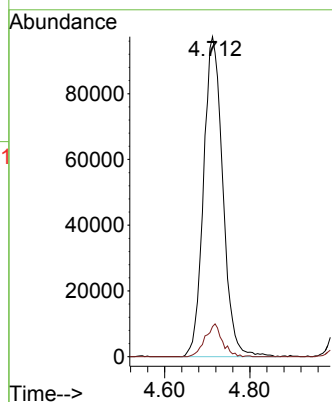
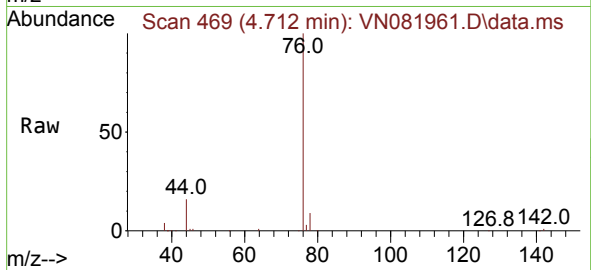




#17  
Carbon Disulfide  
Concen: 47.575 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

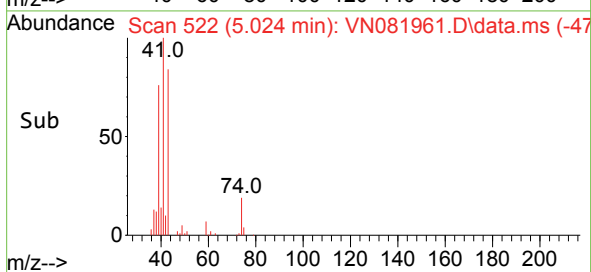
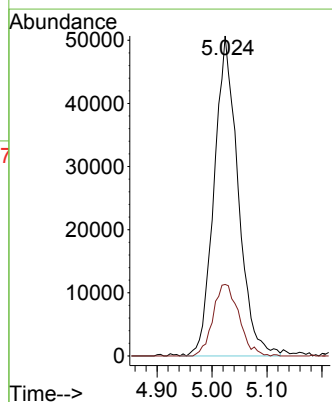
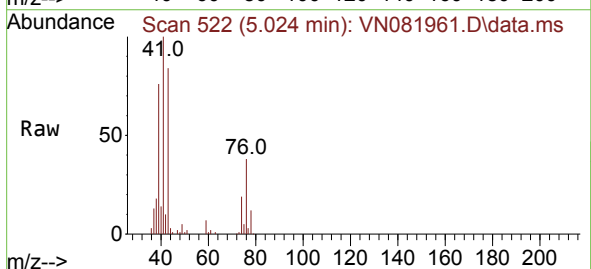
Instrument :  
MSVOA\_N  
ClientSampleId :

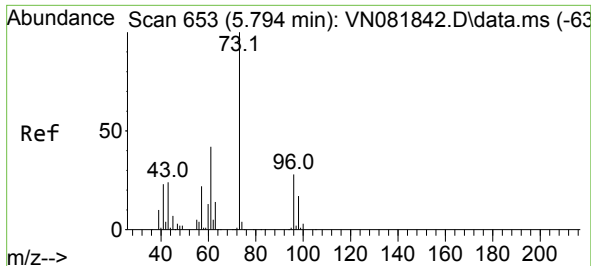
Tgt Ion: 76 Resp: 305595  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3



#18  
Methyl Acetate  
Concen: 50.966 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 43 Resp: 153736  
Ion Ratio Lower Upper  
43 100  
74 24.1 22.2 33.2

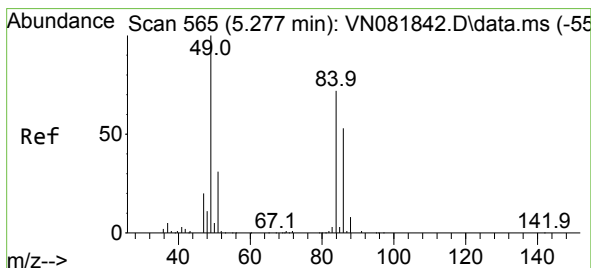
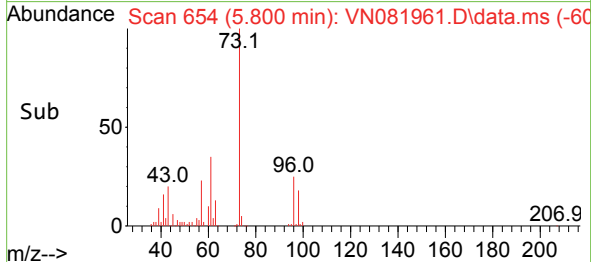
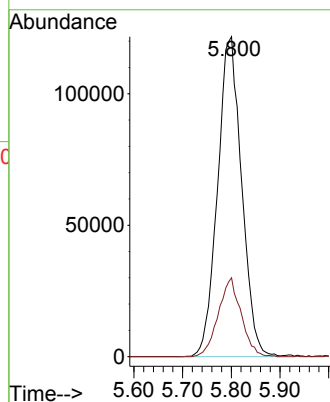
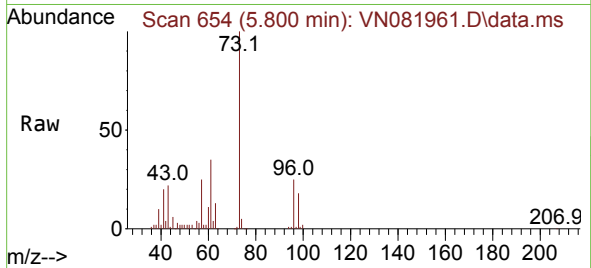




#19  
Methyl tert-butyl Ether  
Concen: 51.790 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

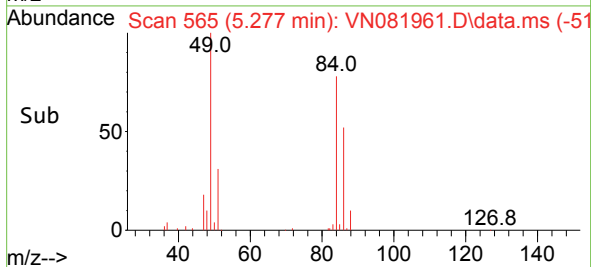
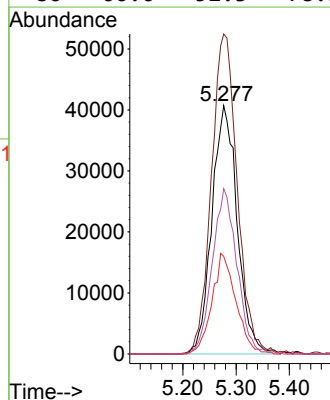
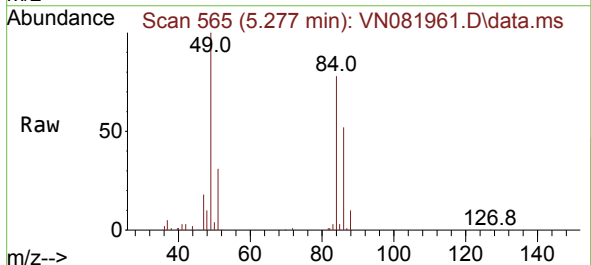
Instrument :  
MSVOA\_N  
ClientSampleId :

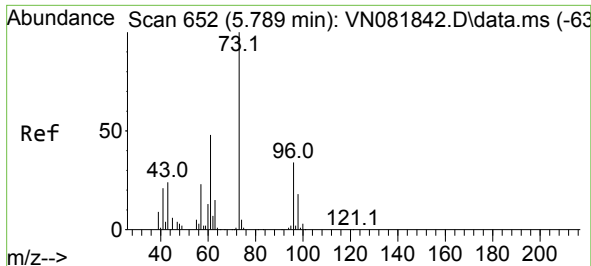
Tgt Ion: 73 Resp: 417652  
Ion Ratio Lower Upper  
73 100  
57 24.7 16.5 24.7



#20  
Methylene Chloride  
Concen: 52.710 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 84 Resp: 134523  
Ion Ratio Lower Upper  
84 100  
49 128.8 84.9 127.3#  
51 39.3 27.0 40.6  
86 66.6 52.3 78.5

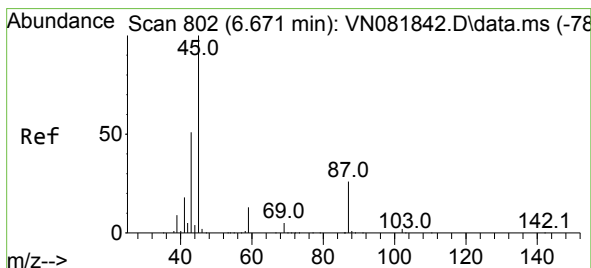
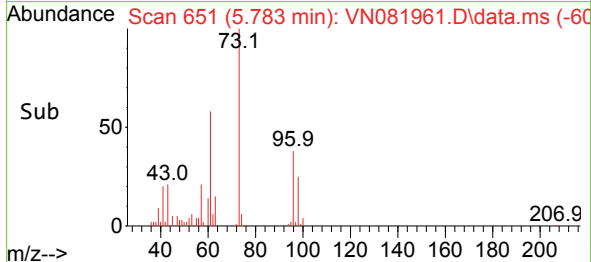
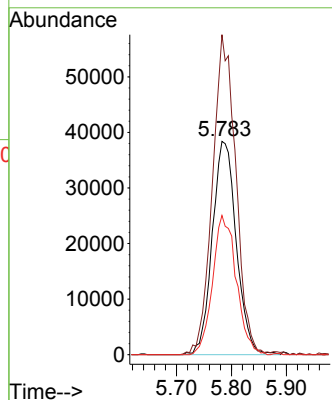
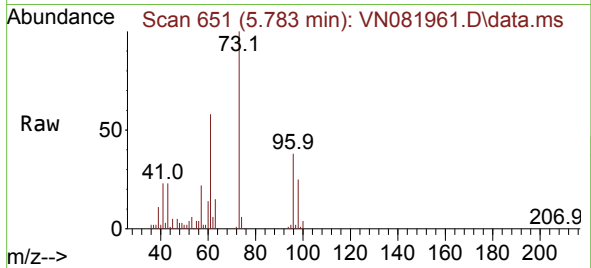




#21  
trans-1,2-Dichloroethene  
Concen: 49.913 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

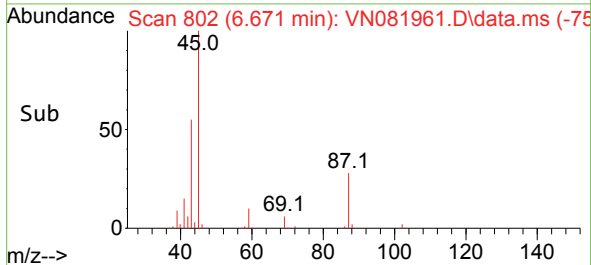
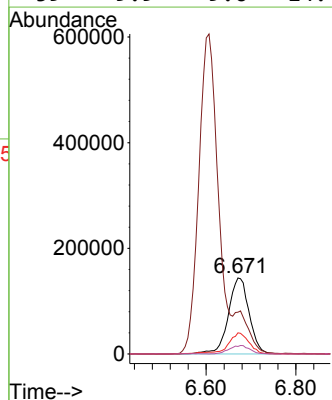
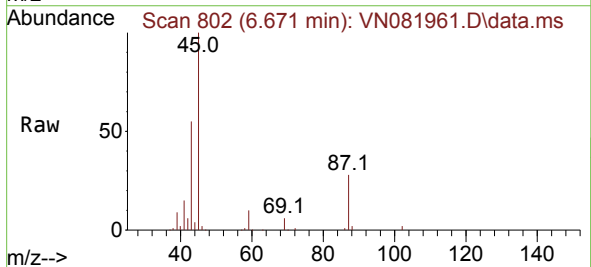
Instrument :  
MSVOA\_N  
ClientSampleId :

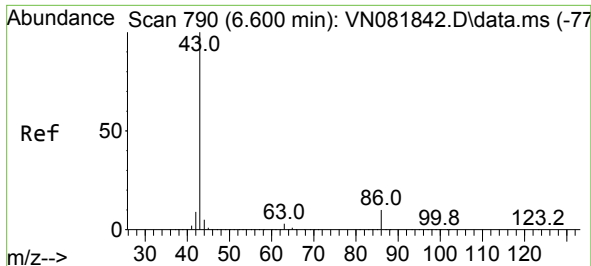
Tgt Ion: 96 Resp: 116306  
Ion Ratio Lower Upper  
96 100  
61 150.0 96.5 144.7#  
98 65.3 51.3 76.9



#22  
Diisopropyl ether  
Concen: 53.188 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 45 Resp: 465269  
Ion Ratio Lower Upper  
45 100  
43 54.3 44.1 66.1  
87 27.6 27.0 40.6  
59 9.9 9.6 14.4

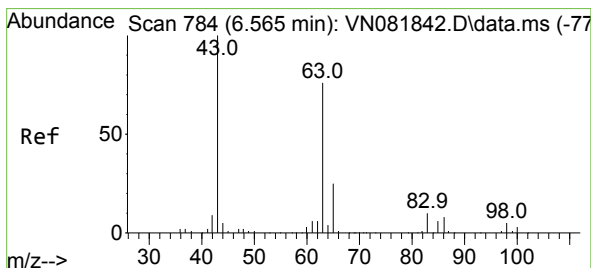
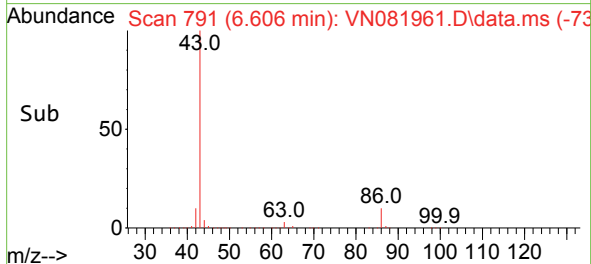
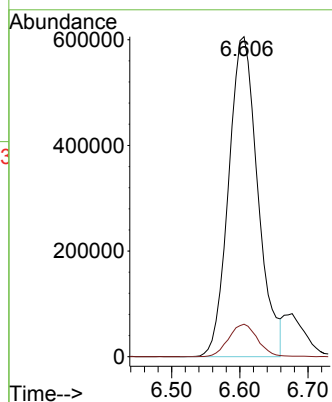
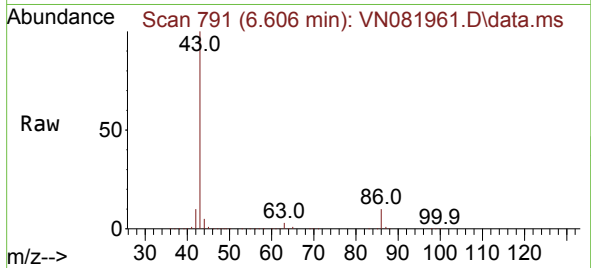




#23  
 Vinyl Acetate  
 Concen: 253.868 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

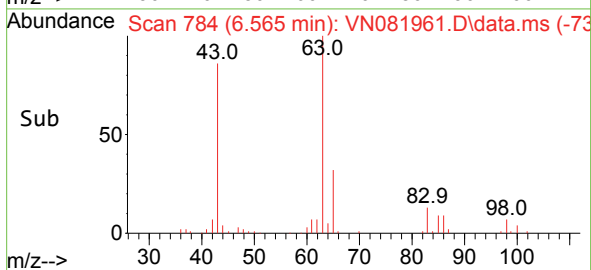
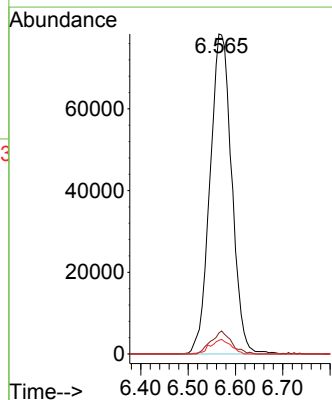
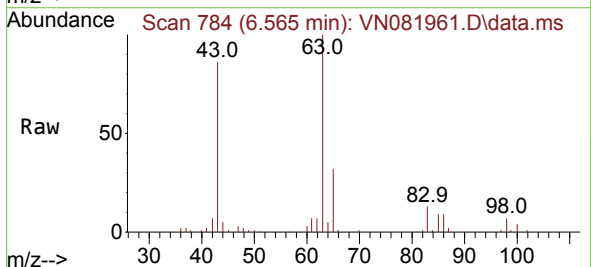
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 1804396  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 10.2 15.4#

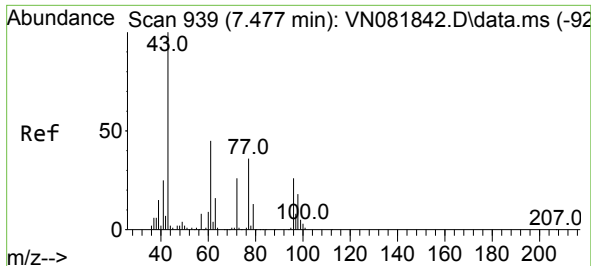


#24  
 1,1-Dichloroethane  
 Concen: 54.773 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Tgt Ion: 63 Resp: 249385  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.6 10.9  
 100 4.2 2.6 7.8



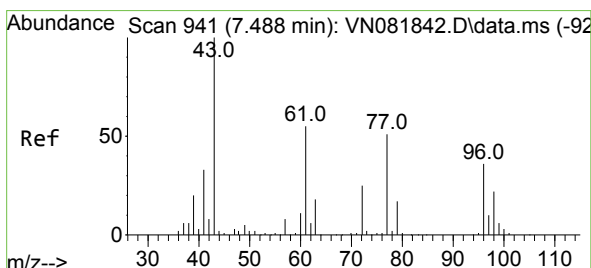
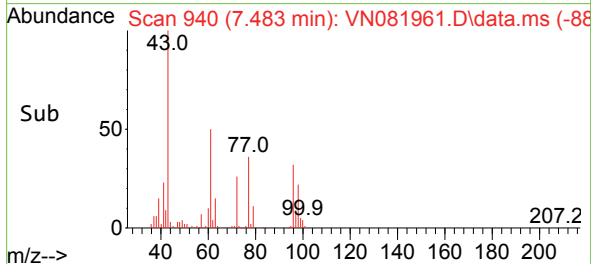
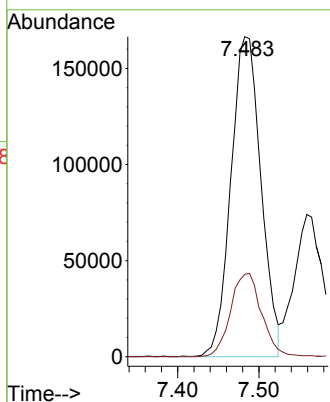
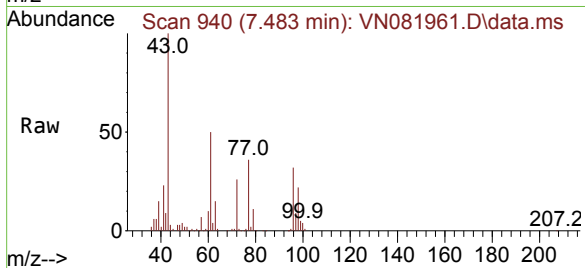




#25  
2-Butanone  
Concen: 253.532 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

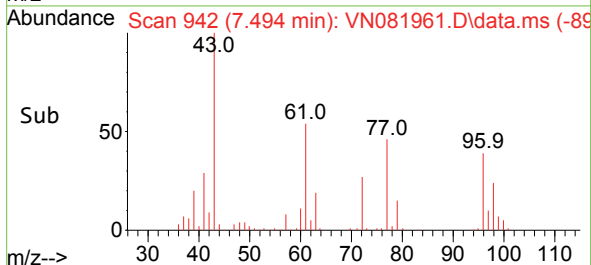
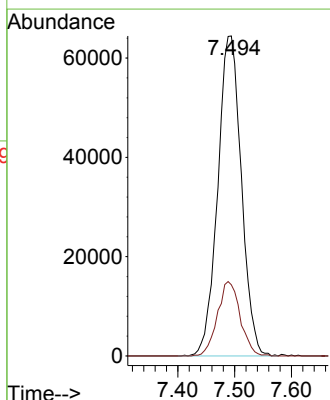
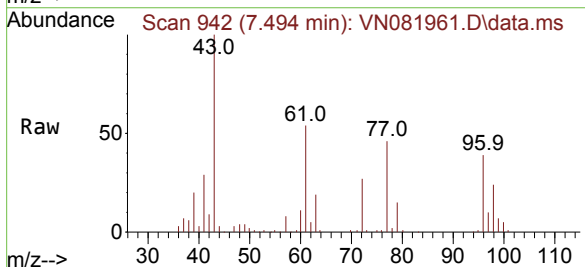
Instrument :  
MSVOA\_N  
ClientSampleId :

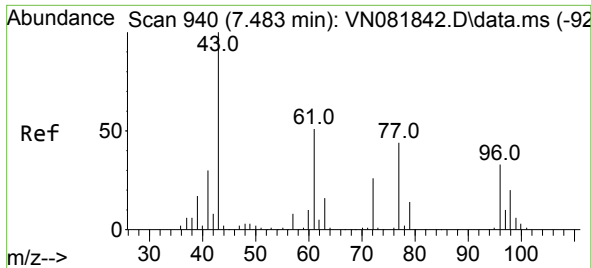
Tgt Ion: 43 Resp: 428536  
Ion Ratio Lower Upper  
43 100  
72 25.7 25.3 37.9



#26  
2,2-Dichloropropane  
Concen: 44.477 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

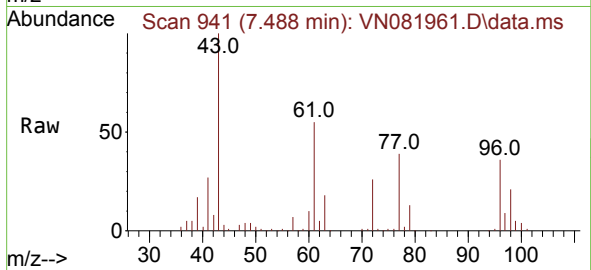
Tgt Ion: 77 Resp: 186286  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.3 33.9



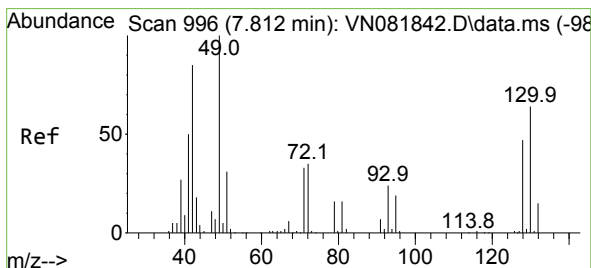
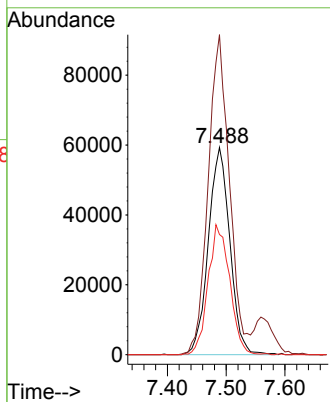
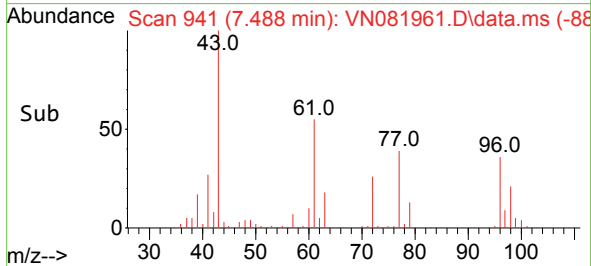


#27  
cis-1,2-Dichloroethene  
Concen: 55.463 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :

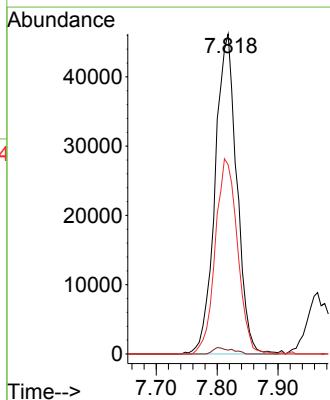
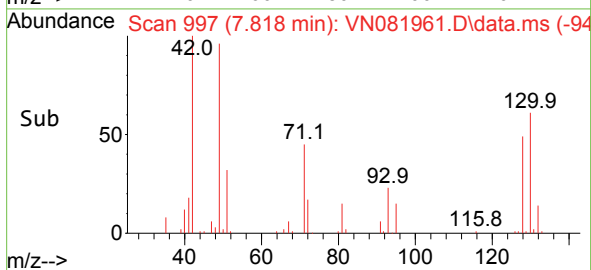
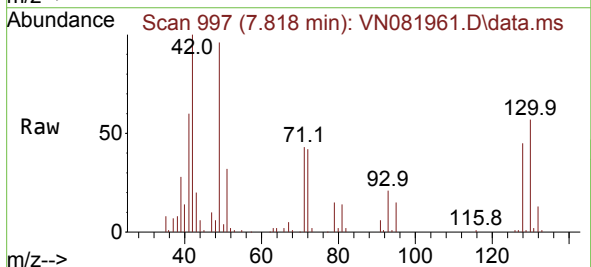


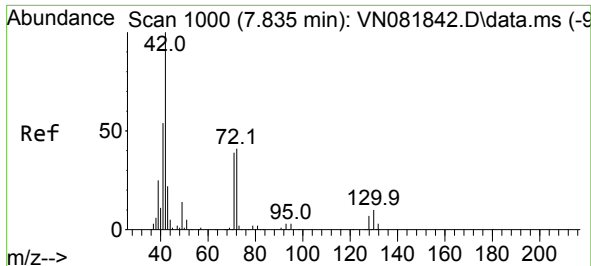
Tgt Ion: 96 Resp: 151019  
Ion Ratio Lower Upper  
96 100  
61 153.0 0.0 268.0  
98 62.8 0.0 126.8



#28  
Bromochloromethane  
Concen: 52.848 ug/l  
RT: 7.818 min Scan# 997  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 49 Resp: 114361  
Ion Ratio Lower Upper  
49 100  
129 1.7 0.0 4.6  
130 62.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 251.997 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

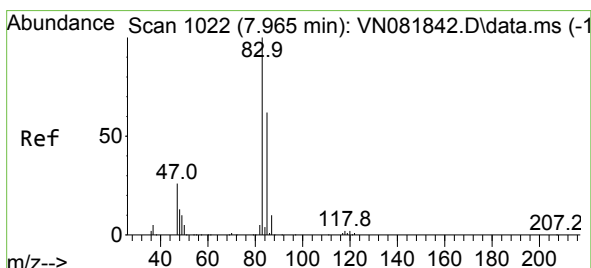
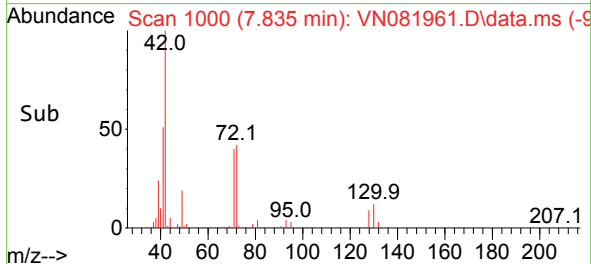
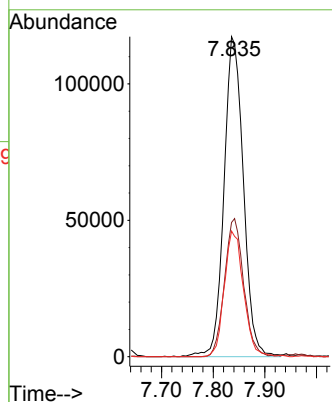
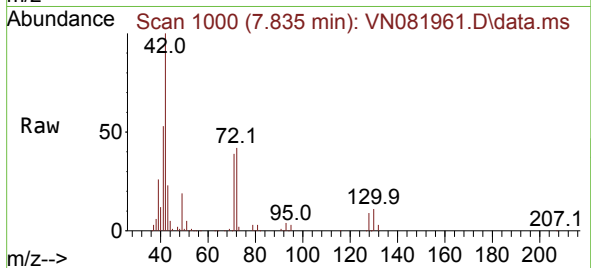
Tgt Ion: 42 Resp: 305447

Ion Ratio Lower Upper

42 100

72 42.7 39.3 58.9

71 38.9 37.4 56.0



#30

Chloroform

Concen: 51.847 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081961.D

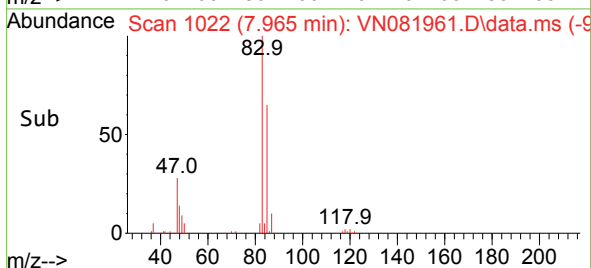
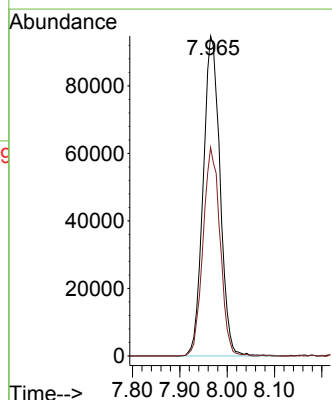
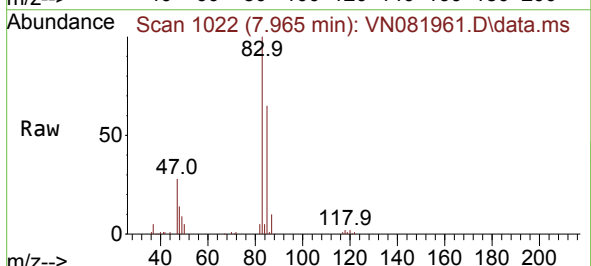
Acq: 01 May 2024 17:02

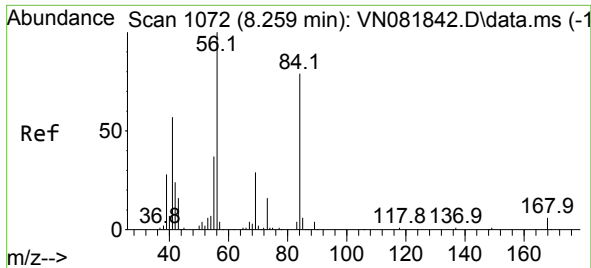
Tgt Ion: 83 Resp: 233990

Ion Ratio Lower Upper

83 100

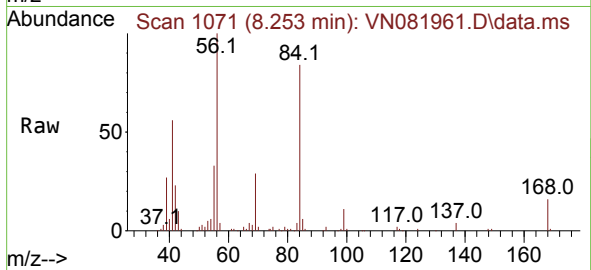
85 65.2 50.7 76.1



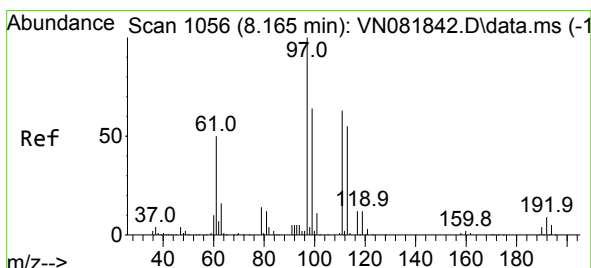
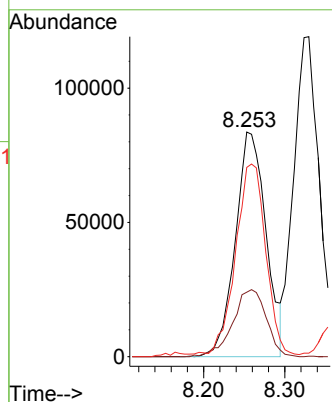
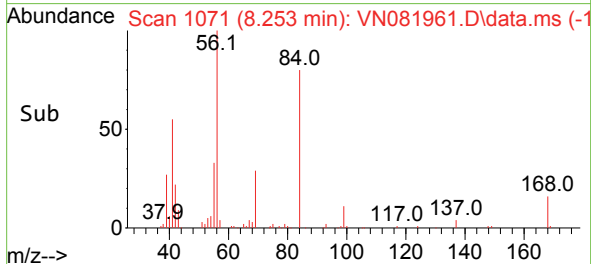


#31  
Cyclohexane  
Concen: 48.925 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :

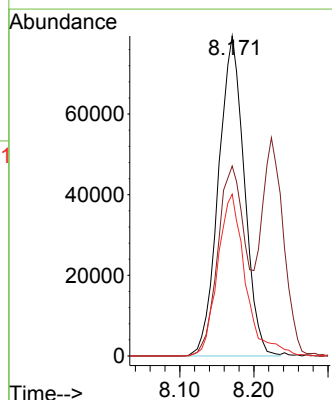
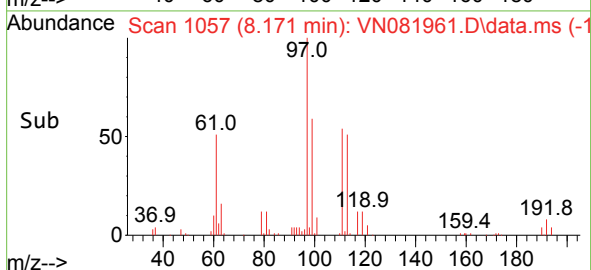
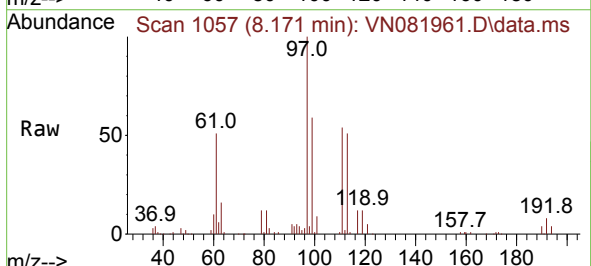


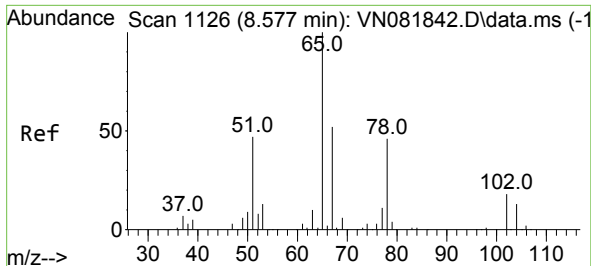
Tgt Ion: 56 Resp: 219491  
Ion Ratio Lower Upper  
56 100  
69 28.5 24.4 36.6  
84 82.9 77.0 115.4



#32  
1,1,1-Trichloroethane  
Concen: 47.774 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 97 Resp: 192276  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.3 75.5  
61 54.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.977 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

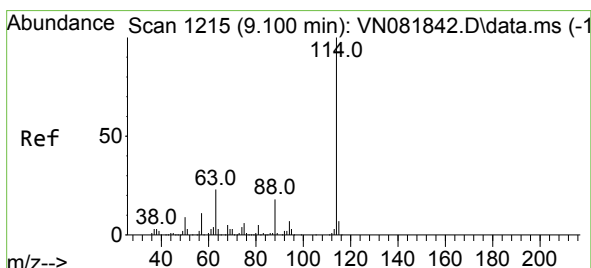
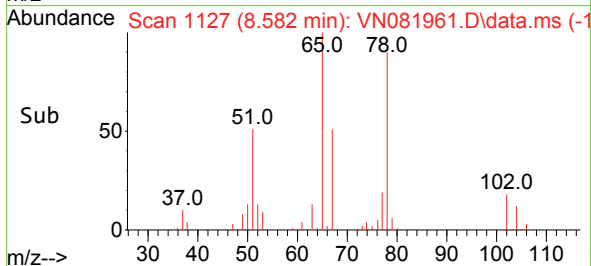
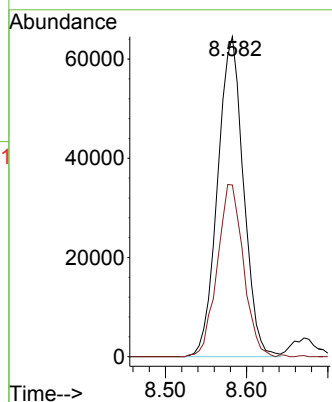
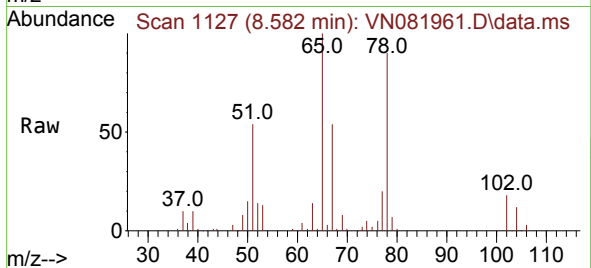
ClientSampleId :

Tgt Ion: 65 Resp: 142878

Ion Ratio Lower Upper

65 100

67 54.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

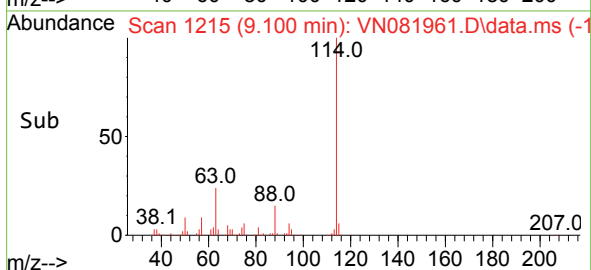
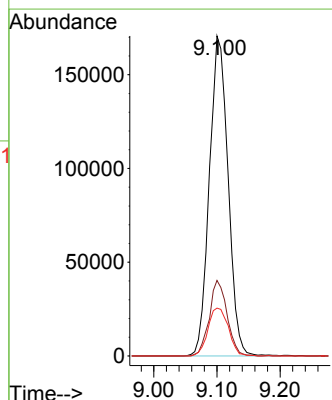
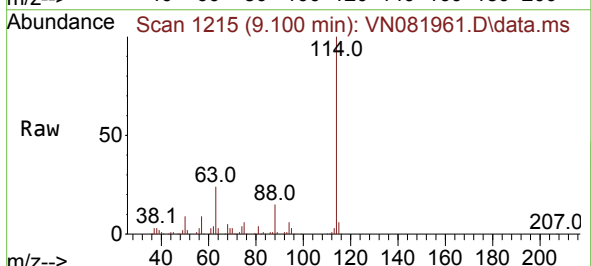
Tgt Ion: 114 Resp: 351089

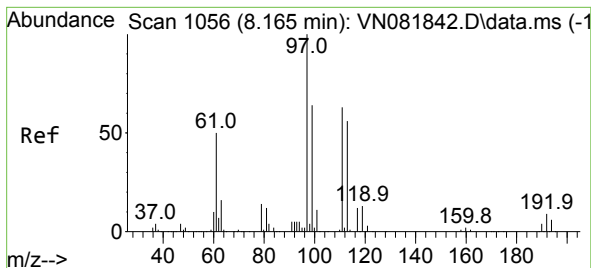
Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.0

88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.400 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

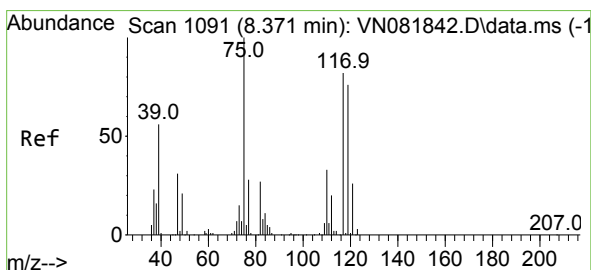
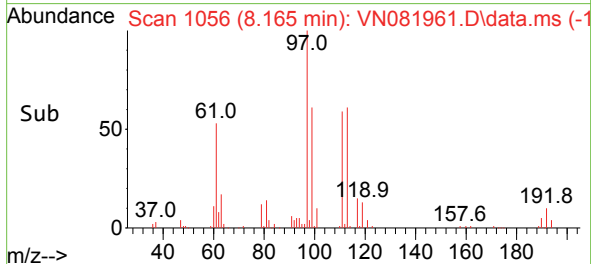
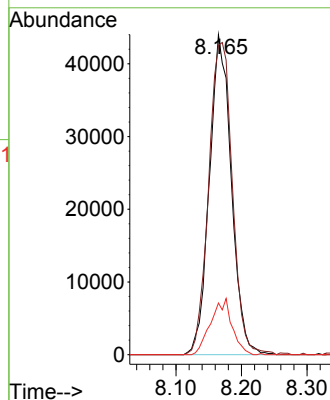
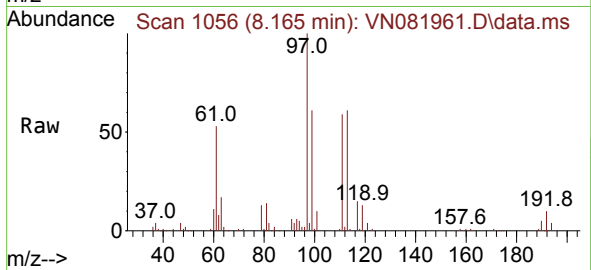
Tgt Ion:113 Resp: 102311

Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 17.0 14.0 21.0



#36

1,1-Dichloropropene

Concen: 48.712 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

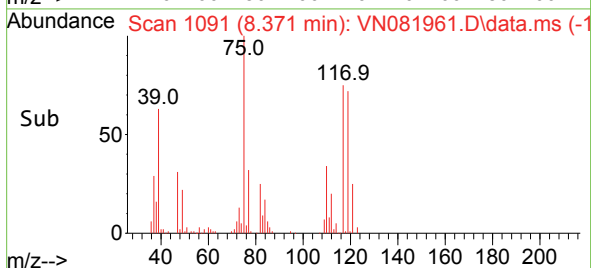
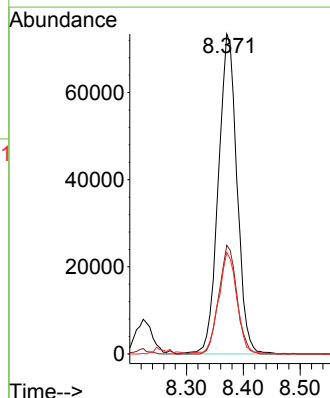
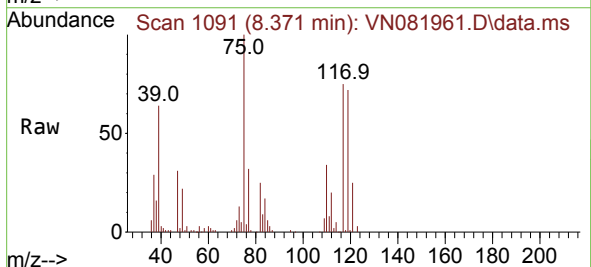
Tgt Ion: 75 Resp: 167519

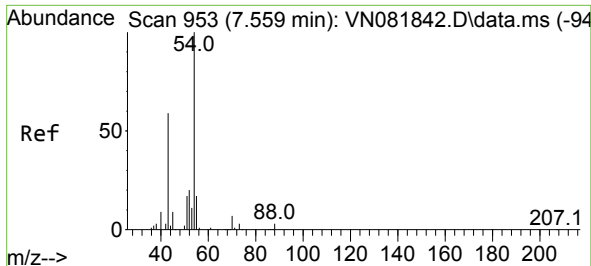
Ion Ratio Lower Upper

75 100

110 32.6 17.8 53.5

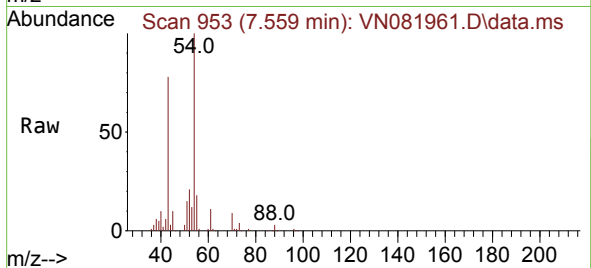
77 31.4 25.0 37.4



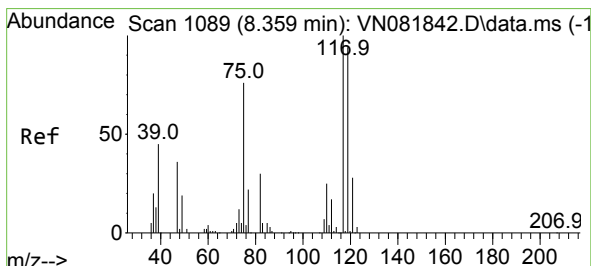
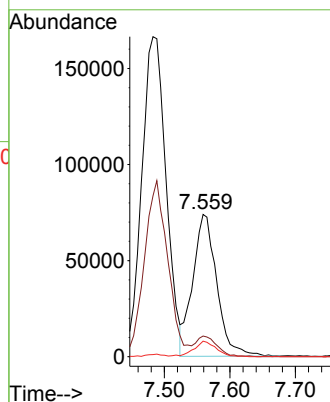
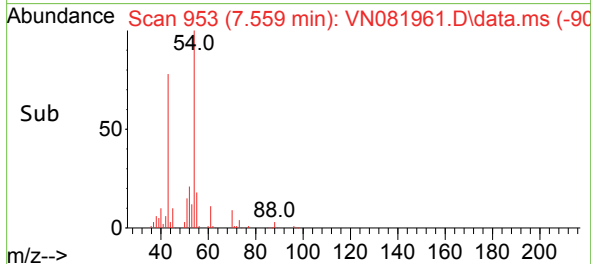


#37  
Ethyl Acetate  
Concen: 50.767 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

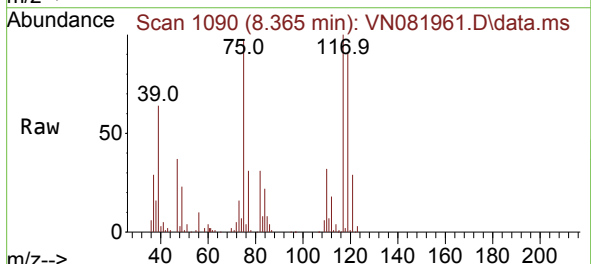
Instrument :  
MSVOA\_N  
ClientSampleId :



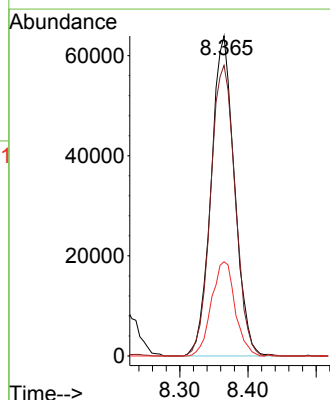
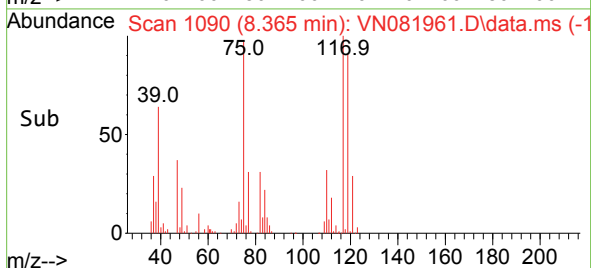
Tgt Ion: 43 Resp: 188764  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.3 16.9  
70 10.2 8.7 13.1

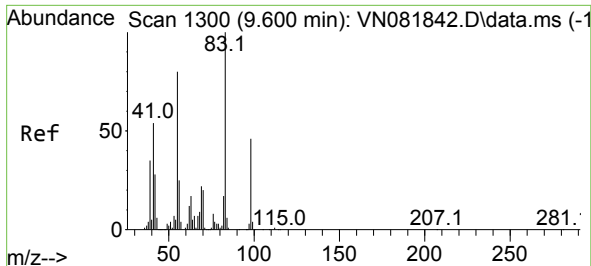


#38  
Carbon Tetrachloride  
Concen: 45.485 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02



Tgt Ion: 117 Resp: 152881  
Ion Ratio Lower Upper  
117 100  
119 90.8 76.5 114.7  
121 29.4 23.9 35.9





#39

Methylcyclohexane

Concen: 49.214 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

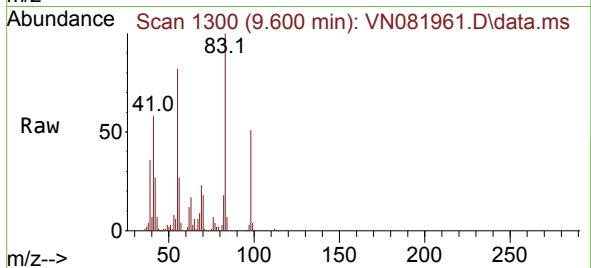
Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :



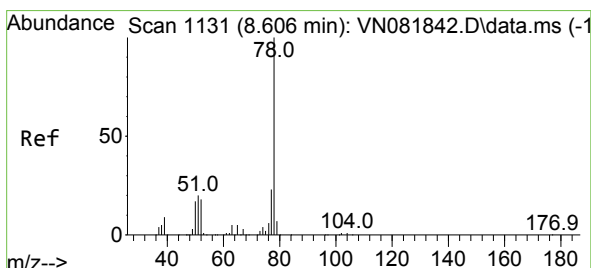
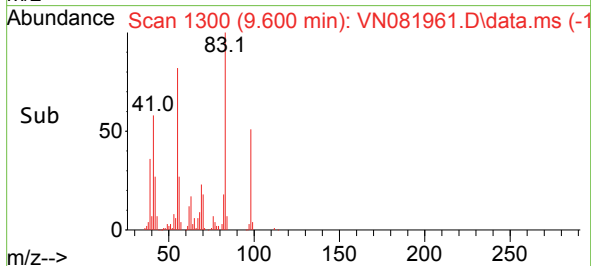
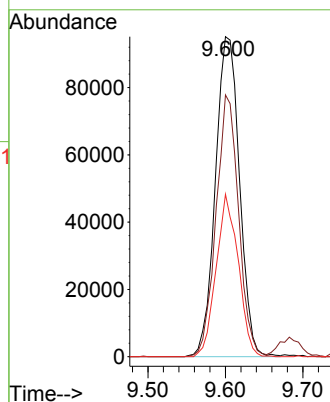
Tgt Ion: 83 Resp: 205546

Ion Ratio Lower Upper

83 100

55 81.8 53.0 79.6#

98 50.7 37.1 55.7



#40

Benzene

Concen: 53.274 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081961.D

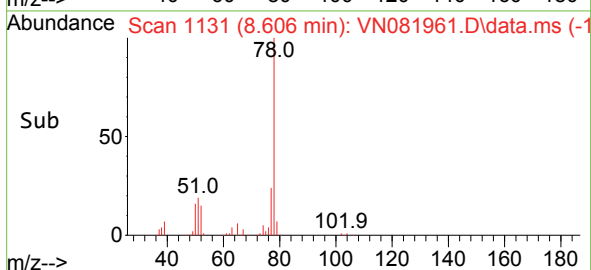
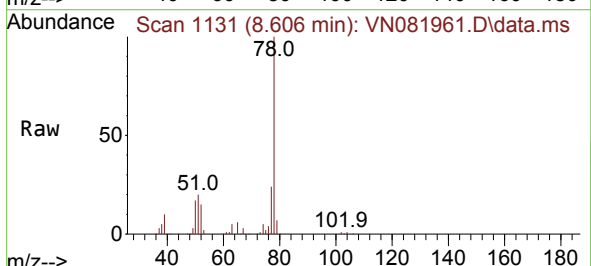
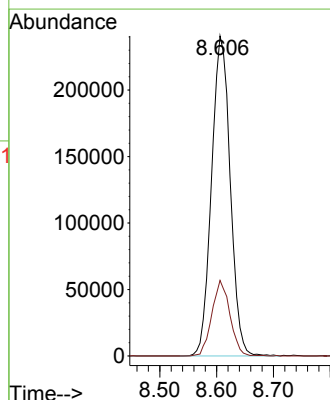
Acq: 01 May 2024 17:02

Tgt Ion: 78 Resp: 549977

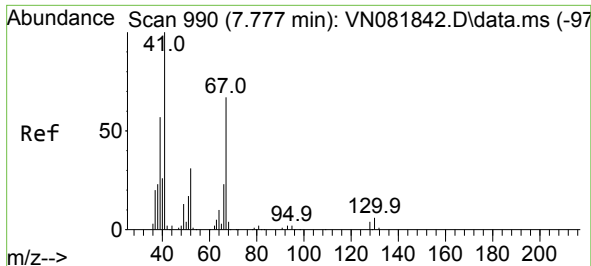
Ion Ratio Lower Upper

78 100

77 23.6 20.0 30.0



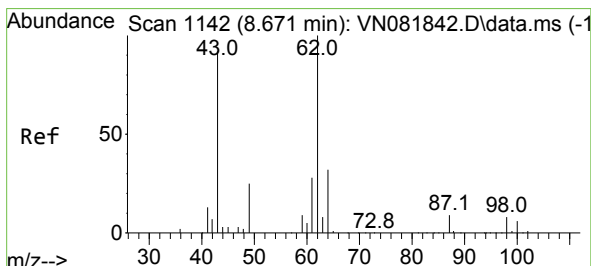
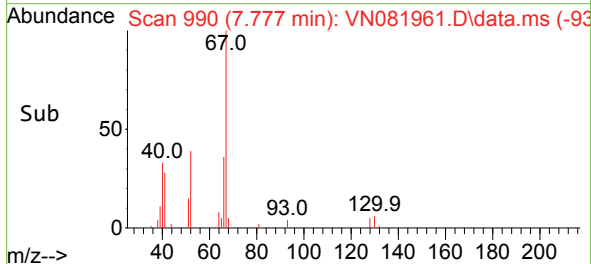
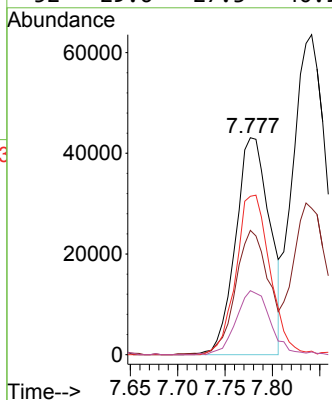
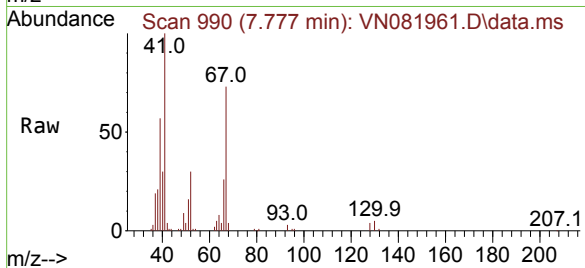




#41  
Methacrylonitrile  
Concen: 45.565 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

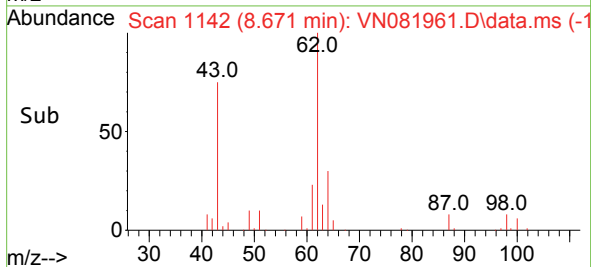
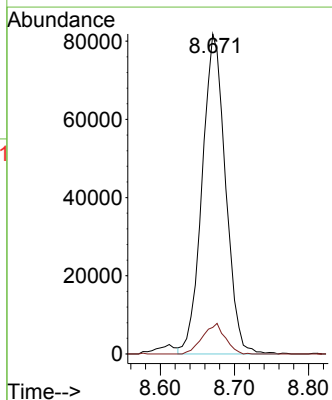
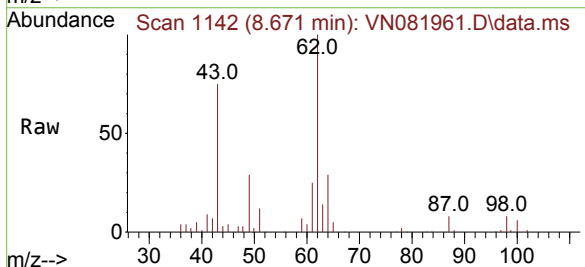
Instrument :  
MSVOA\_N  
ClientSampleId :

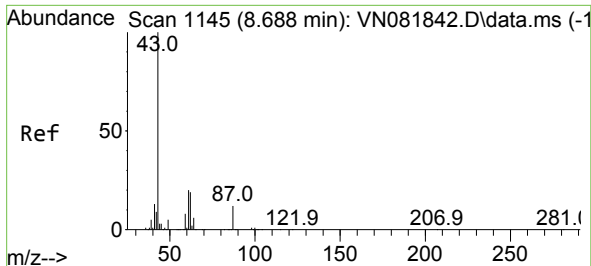
Tgt Ion: 41 Resp: 108104  
Ion Ratio Lower Upper  
41 100  
39 55.8 46.6 69.8  
67 73.7 67.3 100.9  
52 29.6 27.3 40.9



#42  
1,2-Dichloroethane  
Concen: 46.845 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 62 Resp: 179581  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.6

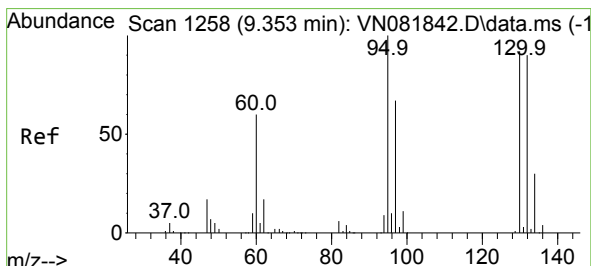
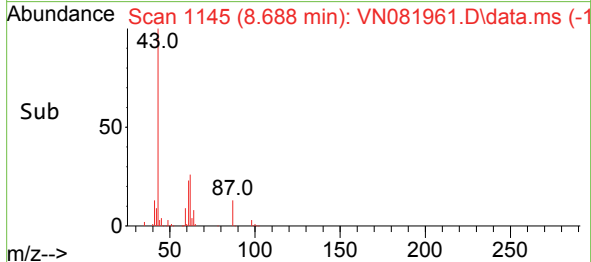
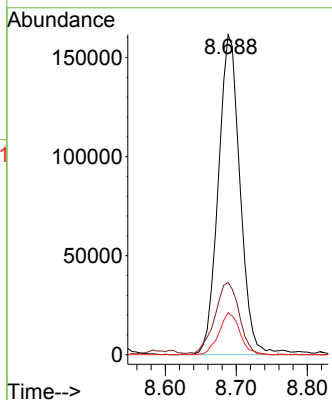
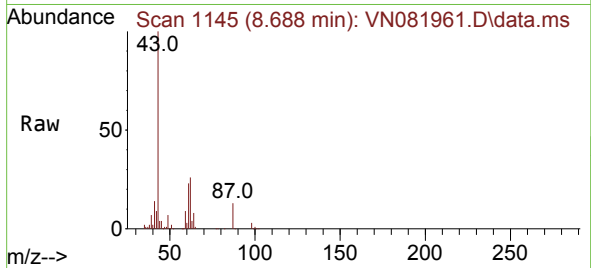




#43  
Isopropyl Acetate  
Concen: 48.910 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

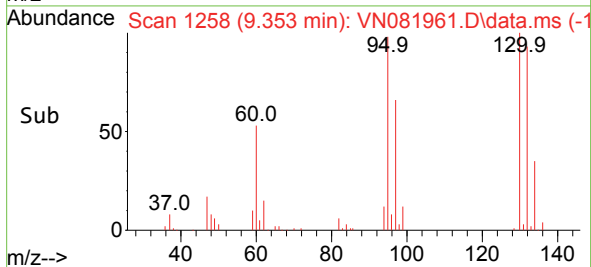
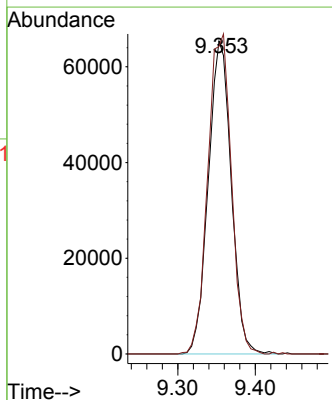
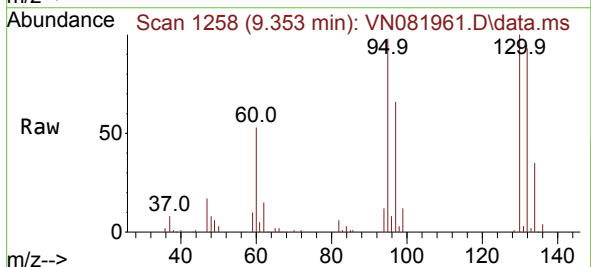
Instrument :  
MSVOA\_N  
ClientSampleId :

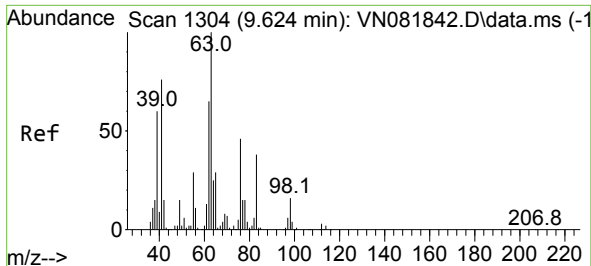
Tgt Ion: 43 Resp: 341952  
Ion Ratio Lower Upper  
43 100  
61 25.6 22.8 34.2  
87 12.6 12.0 18.0



#44  
Trichloroethene  
Concen: 56.556 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion:130 Resp: 134613  
Ion Ratio Lower Upper  
130 100  
95 98.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 53.111 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

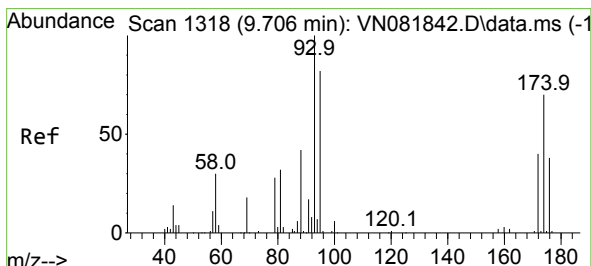
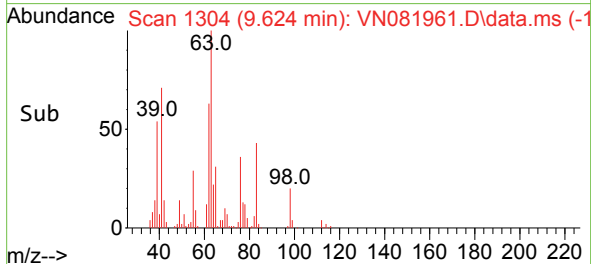
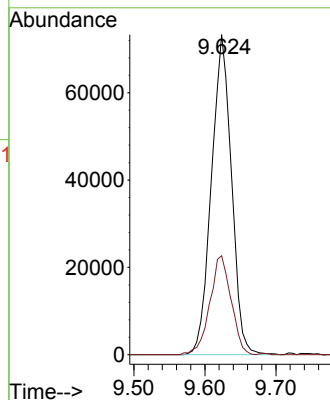
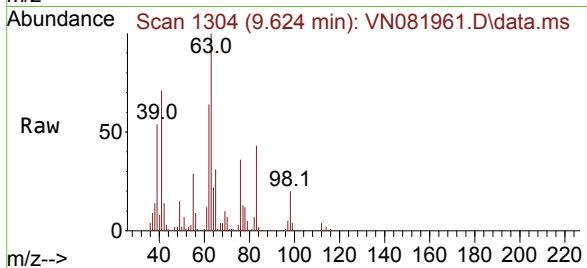
ClientSampleId :

Tgt Ion: 63 Resp: 143494

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 48.916 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

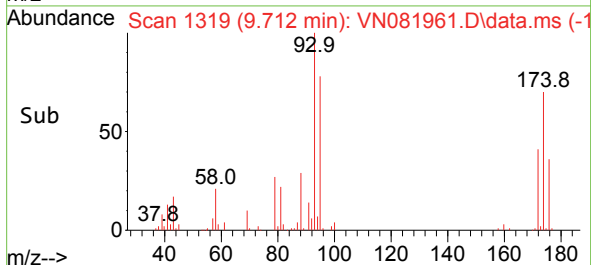
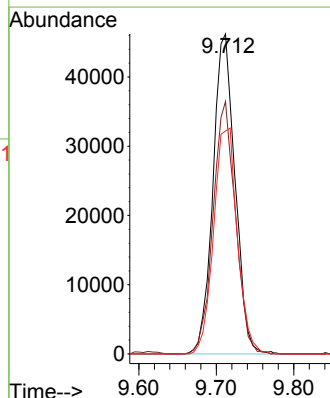
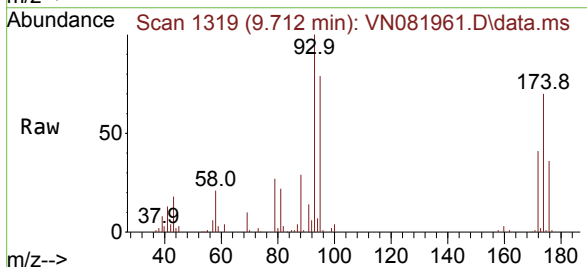
Tgt Ion: 93 Resp: 91347

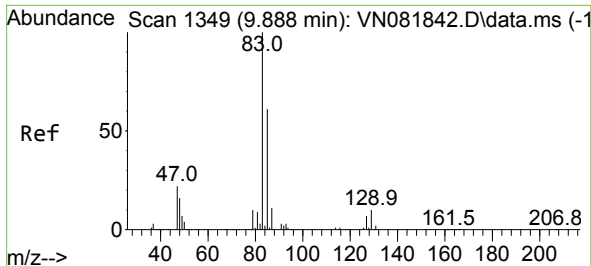
Ion Ratio Lower Upper

93 100

95 79.9 64.8 97.2

174 75.9 73.4 110.0





#47

Bromodichloromethane

Concen: 48.191 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

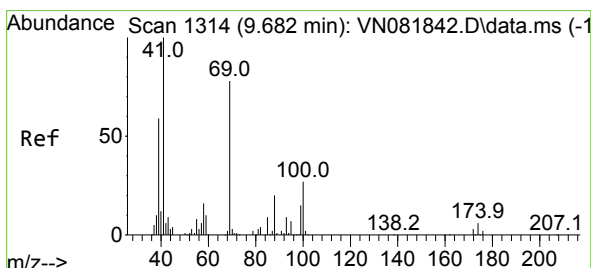
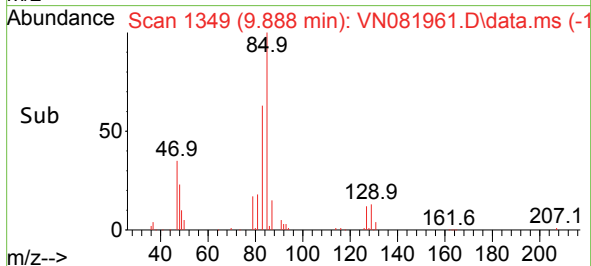
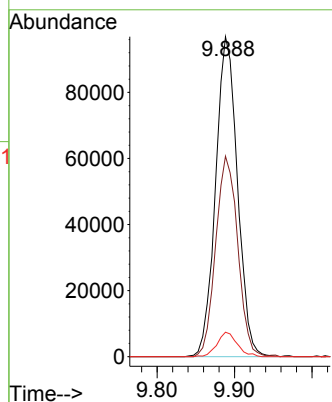
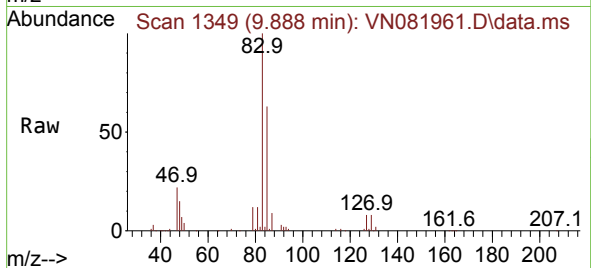
Tgt Ion: 83 Resp: 189789

Ion Ratio Lower Upper

83 100

85 62.7 51.9 77.9

127 7.6 7.5 11.3



#48

Methyl methacrylate

Concen: 45.835 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

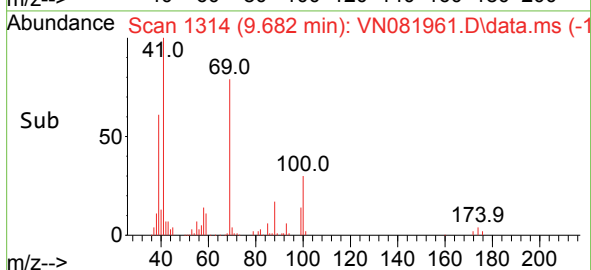
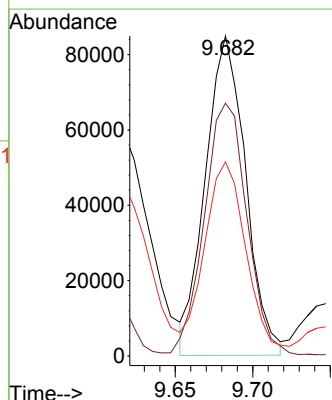
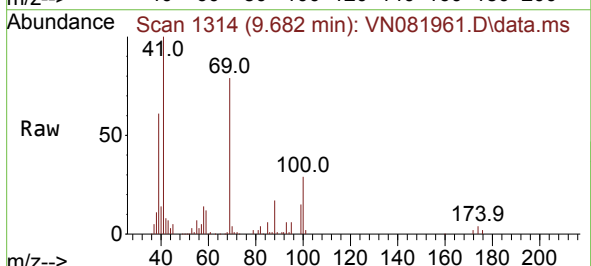
Tgt Ion: 41 Resp: 152977

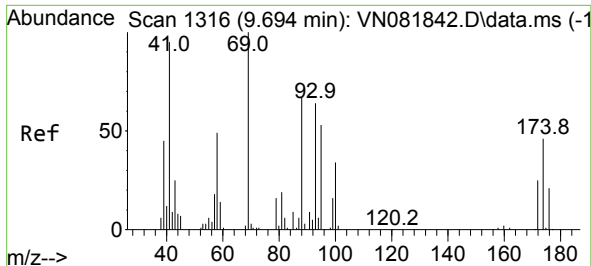
Ion Ratio Lower Upper

41 100

69 84.9 77.9 116.9

39 63.6 50.9 76.3





#49

1,4-Dioxane

Concen: 1046.261 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

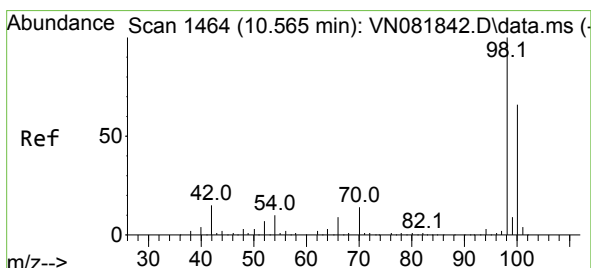
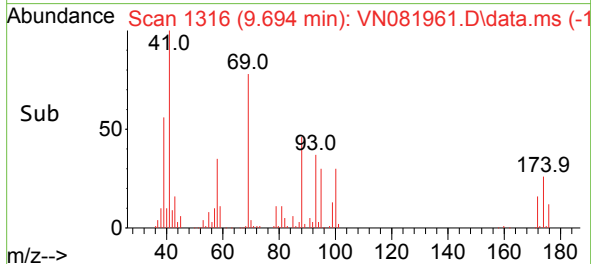
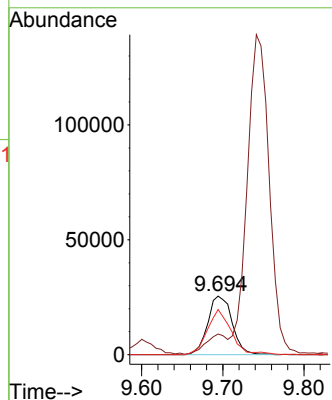
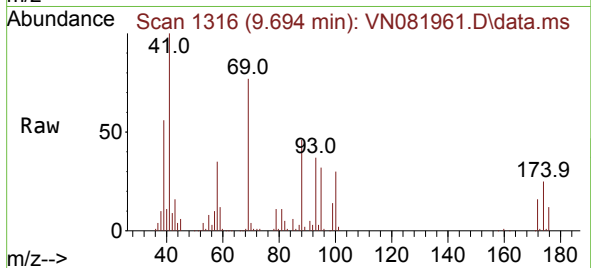
Tgt Ion: 88 Resp: 53075

Ion Ratio Lower Upper

88 100

43 30.1 19.0 28.6#

58 76.1 50.6 76.0#



#50

Toluene-d8

Concen: 52.574 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081961.D

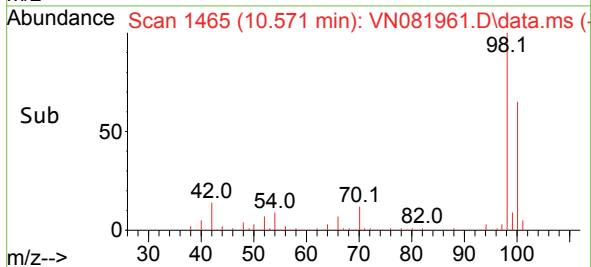
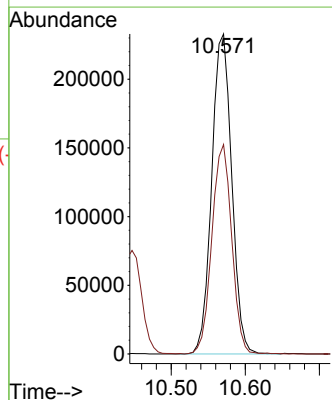
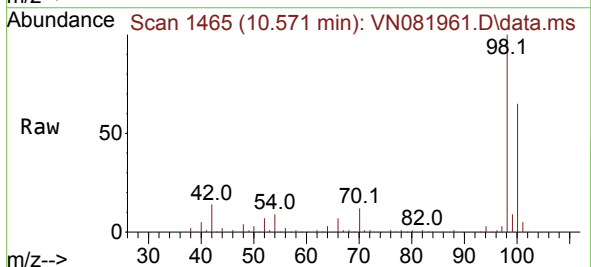
Acq: 01 May 2024 17:02

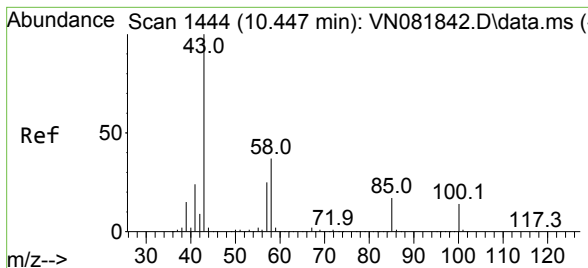
Tgt Ion: 98 Resp: 436471

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

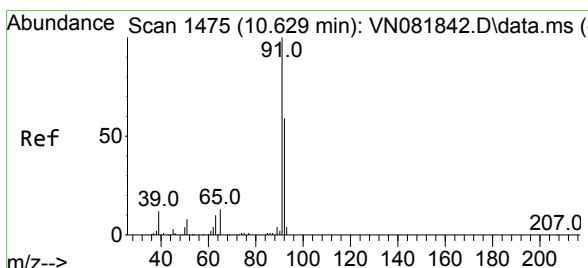
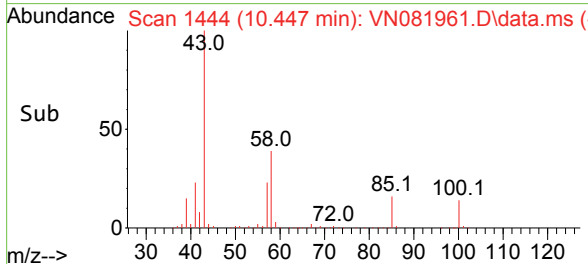
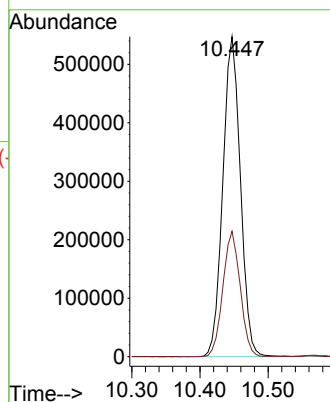
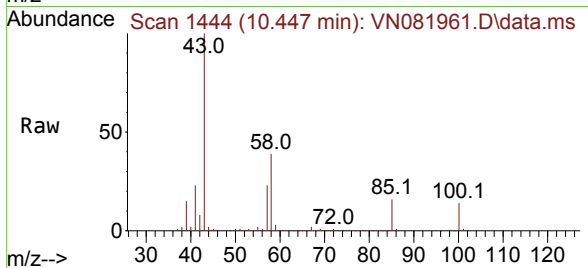




#51  
4-Methyl-2-Pentanone  
Concen: 249.502 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

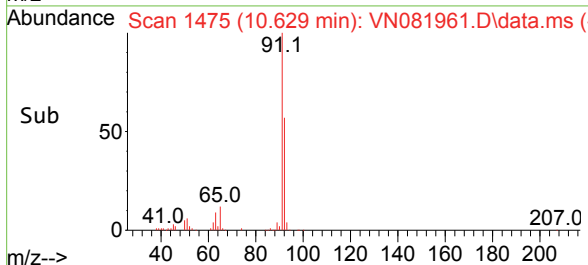
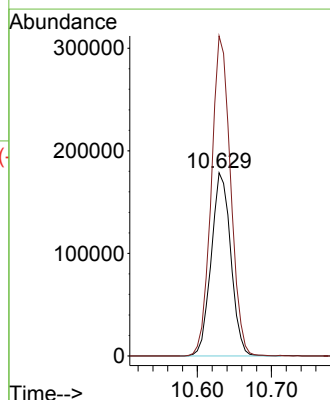
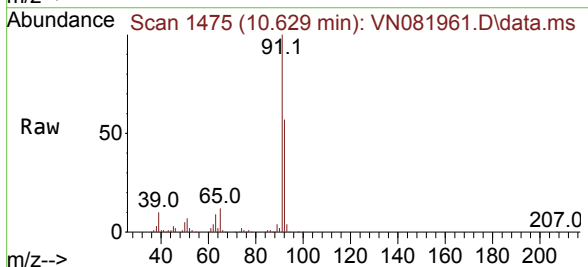
Instrument :  
MSVOA\_N  
ClientSampleId :

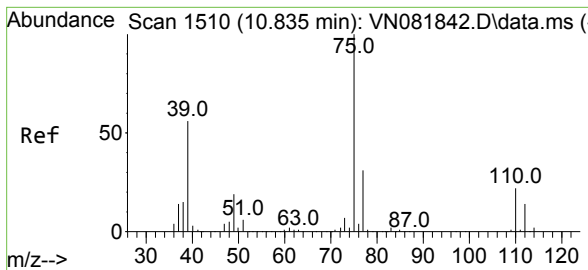
Tgt Ion: 43 Resp: 981983  
Ion Ratio Lower Upper  
43 100  
58 38.7 33.2 49.8



#52  
Toluene  
Concen: 53.004 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 92 Resp: 327692  
Ion Ratio Lower Upper  
92 100  
91 172.3 136.7 205.1

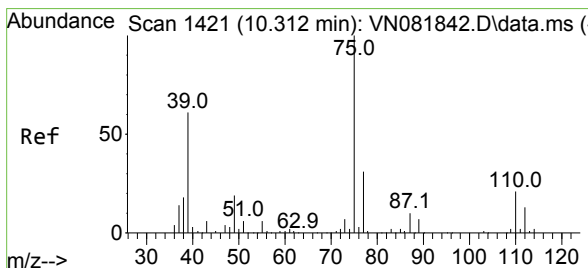
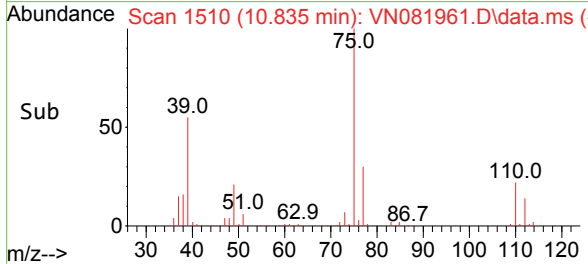
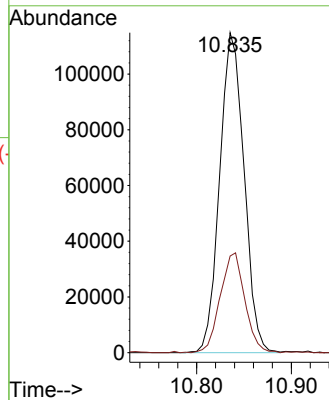
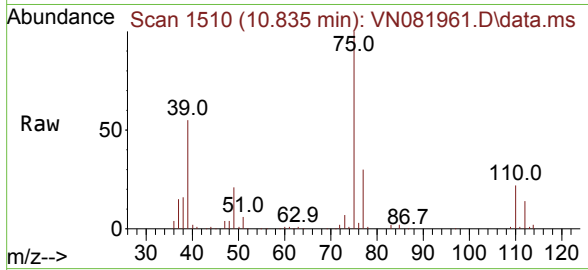




#53  
 t-1,3-Dichloropropene  
 Concen: 47.911 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

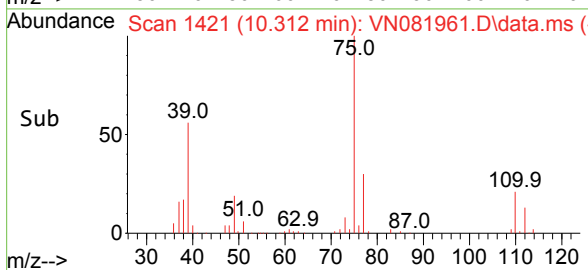
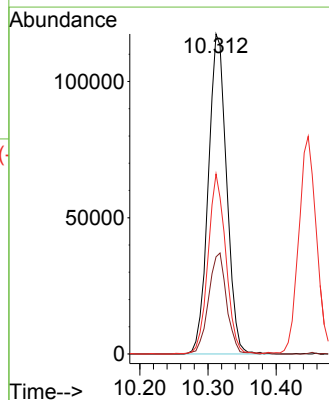
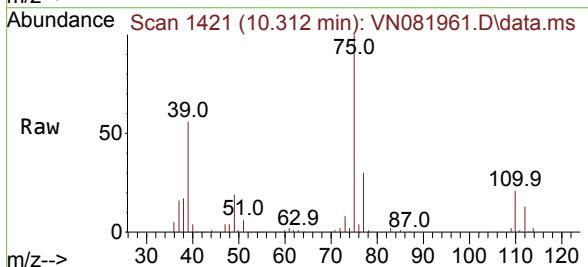
Instrument :  
 MSVOA\_N  
 ClientSampleId :

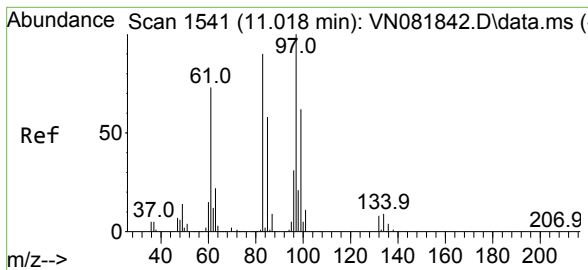
Tgt Ion: 75 Resp: 205312  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.619 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

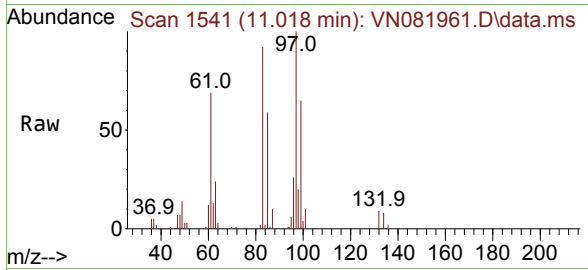
Tgt Ion: 75 Resp: 219144  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 25.0 37.4  
 39 56.1 34.8 52.2#



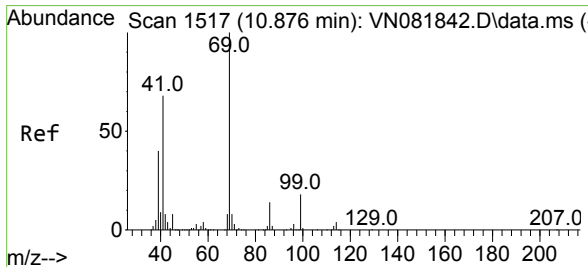
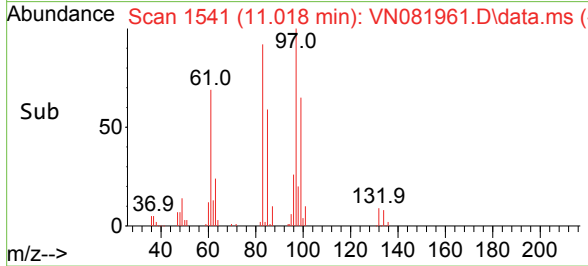
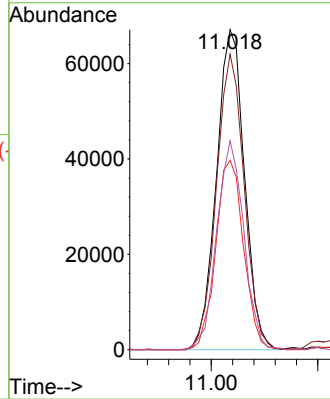


#55  
 1,1,2-Trichloroethane  
 Concen: 50.281 ug/l  
 RT: 11.018 min Scan# 1541  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :

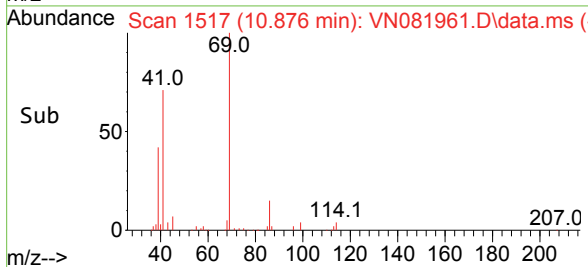
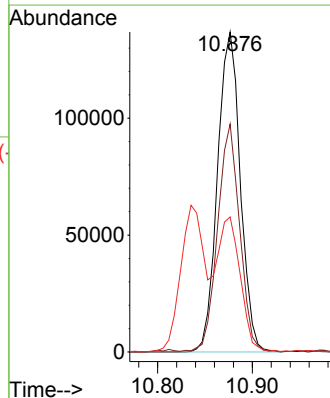
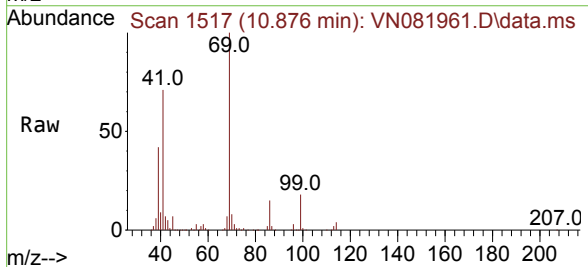


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 122255 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 92.4  | 70.4  | 105.6  |
| 85       | 59.1  | 45.6  | 68.4   |
| 99       | 65.3  | 50.9  | 76.3   |

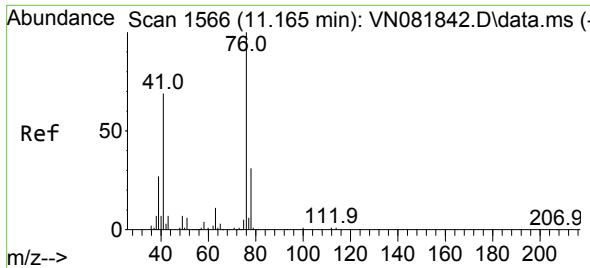


#56  
 Ethyl methacrylate  
 Concen: 49.400 ug/l  
 RT: 10.876 min Scan# 1517  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 228716 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.6  | 46.6  | 70.0   |
| 39       | 39.4  | 26.5  | 39.7   |

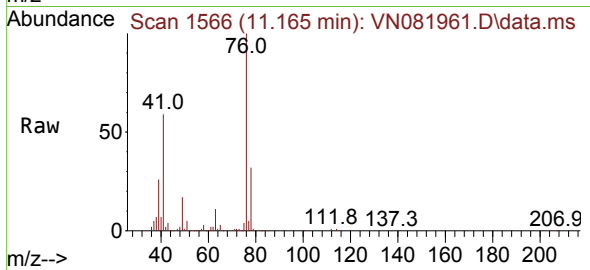




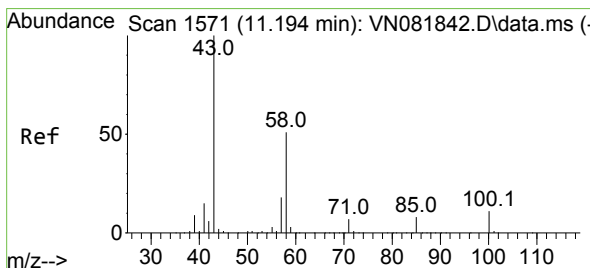
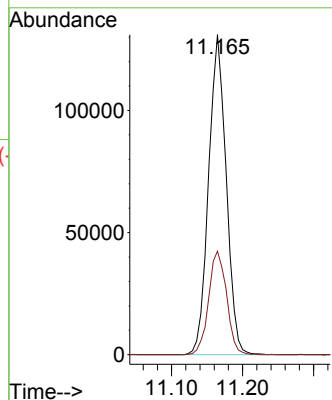
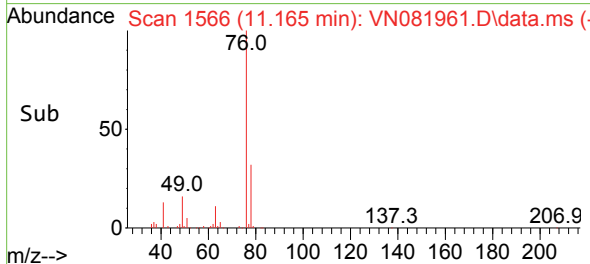


#57  
1,3-Dichloropropane  
Concen: 52.203 ug/l  
RT: 11.165 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :

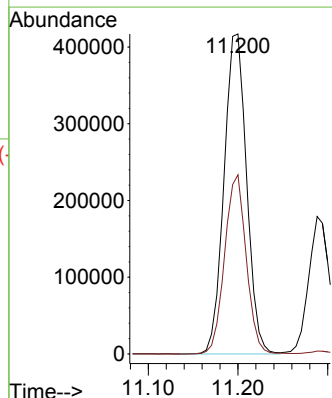
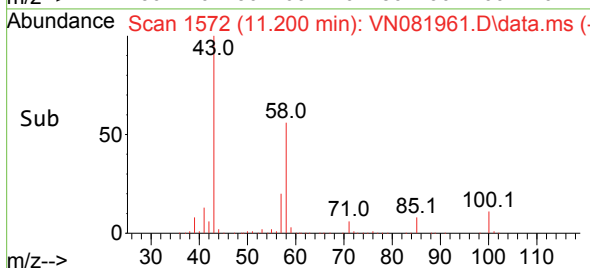
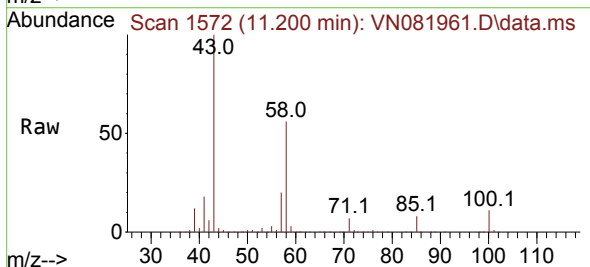


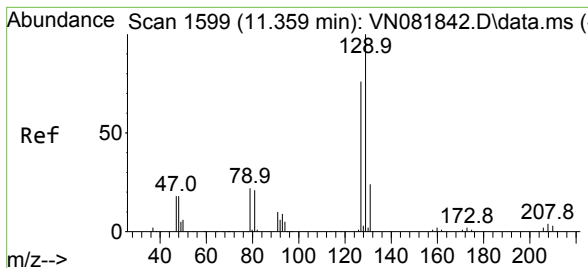
Tgt Ion: 76 Resp: 225660  
Ion Ratio Lower Upper  
76 100  
78 33.0 25.8 38.6



#59  
2-Hexanone  
Concen: 248.920 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 43 Resp: 729088  
Ion Ratio Lower Upper  
43 100  
58 53.6 28.3 84.9





#60

Dibromochloromethane

Concen: 50.560 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

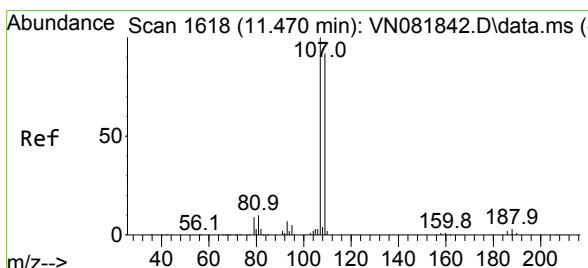
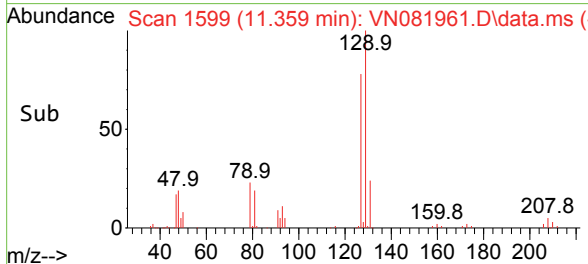
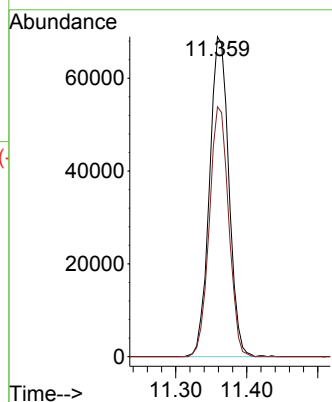
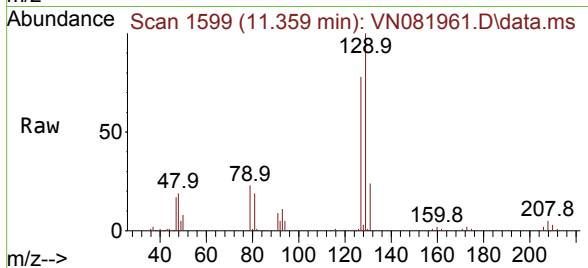
ClientSampleId :

Tgt Ion:129 Resp: 130205

Ion Ratio Lower Upper

129 100

127 77.9 38.3 114.8



#61

1,2-Dibromoethane

Concen: 51.494 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN081961.D

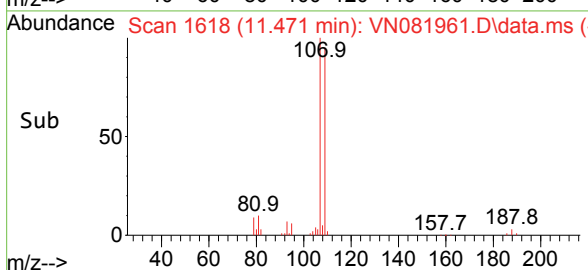
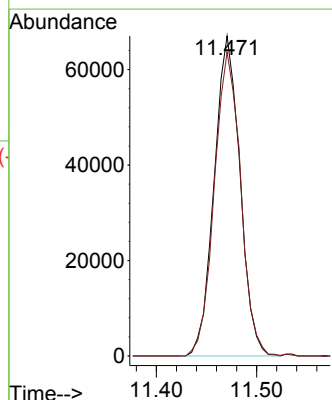
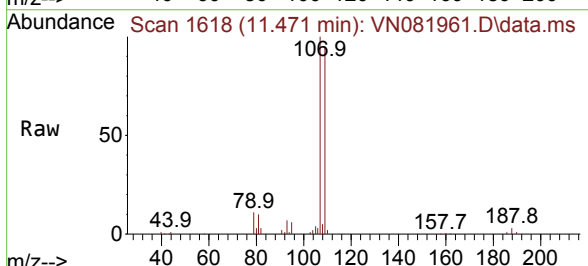
Acq: 01 May 2024 17:02

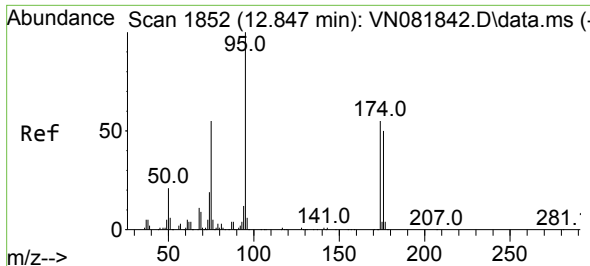
Tgt Ion:107 Resp: 119732

Ion Ratio Lower Upper

107 100

109 97.0 75.8 113.6

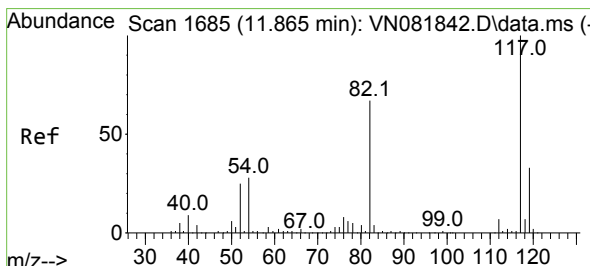
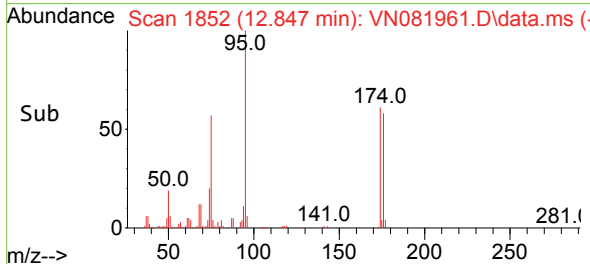
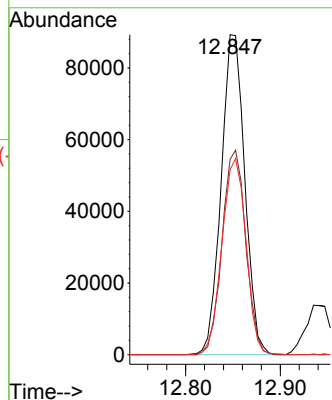
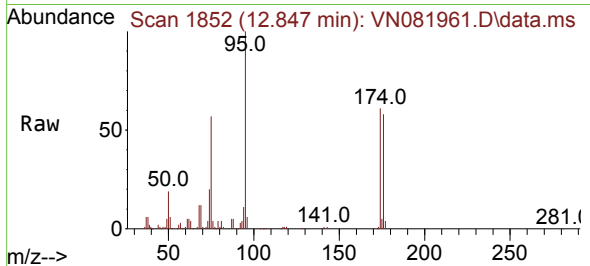




#62  
4-Bromofluorobenzene  
Concen: 47.253 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

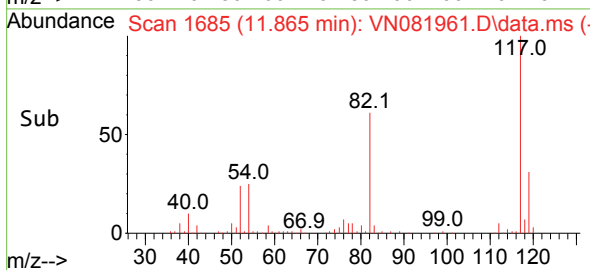
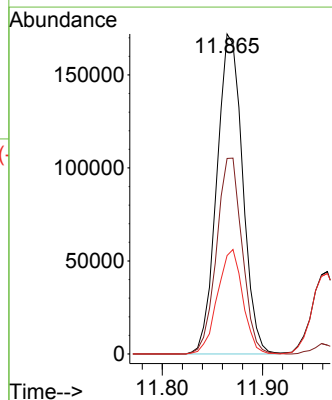
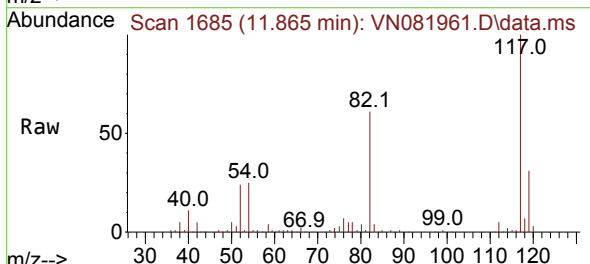
Instrument :  
MSVOA\_N  
ClientSampleId :

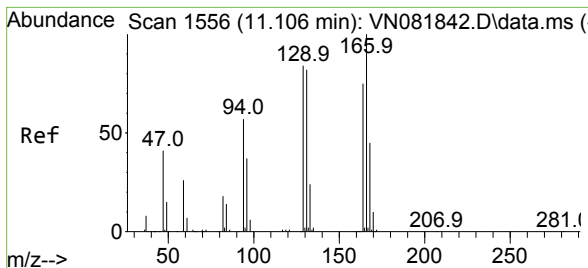
Tgt Ion: 95 Resp: 155075  
Ion Ratio Lower Upper  
95 100  
174 64.0 0.0 160.6  
176 62.3 0.0 152.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 117 Resp: 307660  
Ion Ratio Lower Upper  
117 100  
82 61.1 44.6 66.8  
119 30.8 25.9 38.9





#64

Tetrachloroethene

Concen: 44.722 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

Tgt Ion:164 Resp: 99932

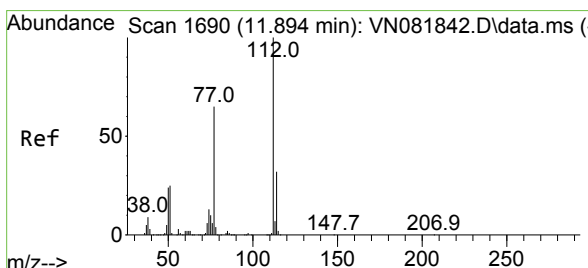
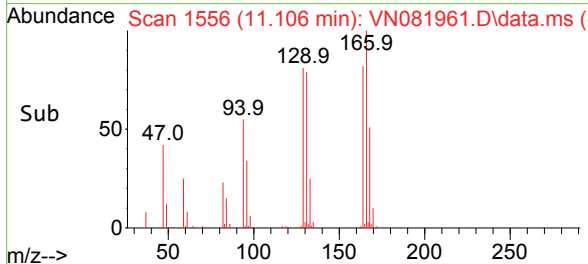
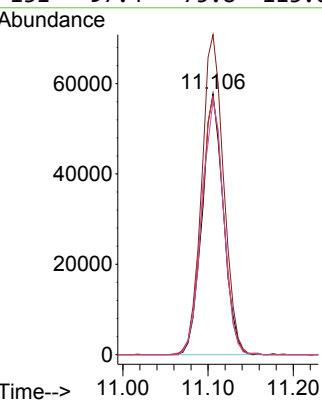
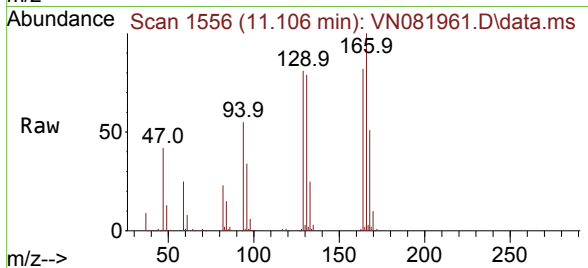
Ion Ratio Lower Upper

164 100

166 122.7 97.6 146.4

129 99.0 73.7 110.5

131 97.4 75.8 113.6



#65

Chlorobenzene

Concen: 51.734 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN081961.D

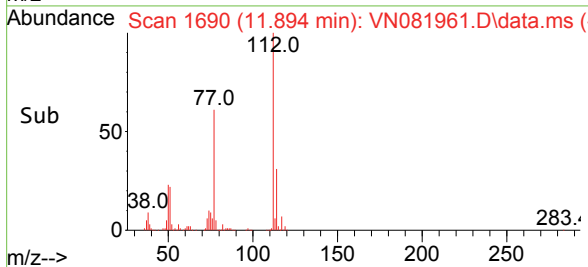
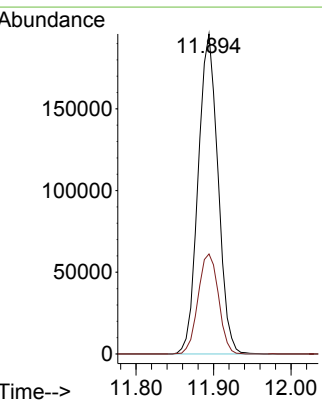
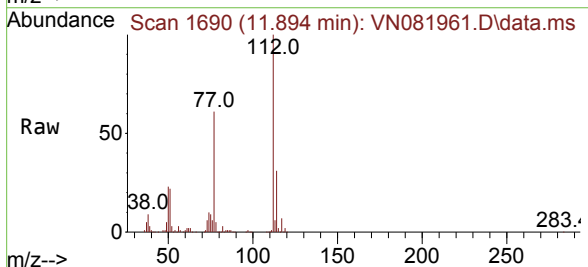
Acq: 01 May 2024 17:02

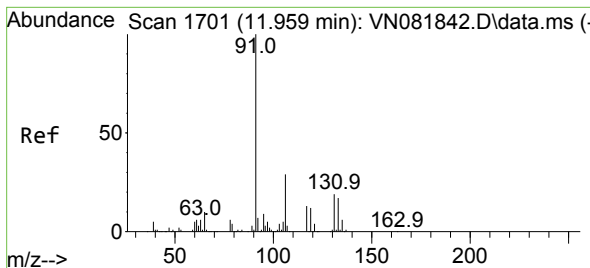
Tgt Ion:112 Resp: 347582

Ion Ratio Lower Upper

112 100

114 31.2 25.7 38.5

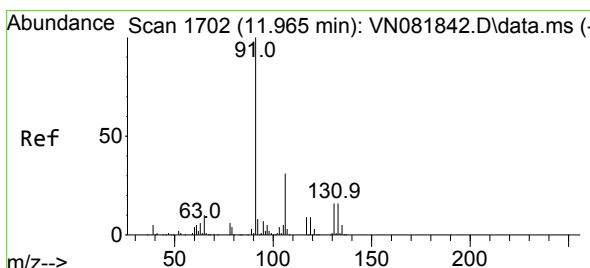
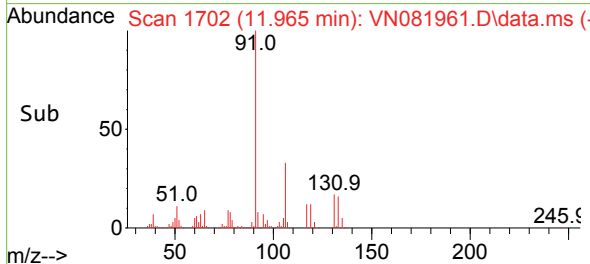
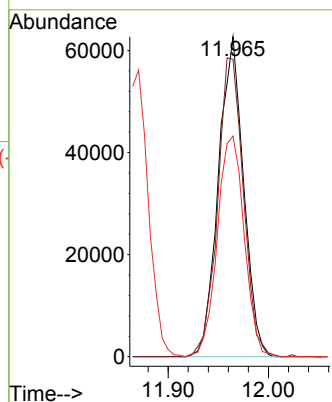
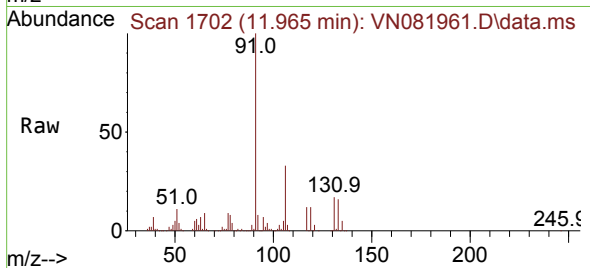




#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.870 ug/l  
RT: 11.965 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

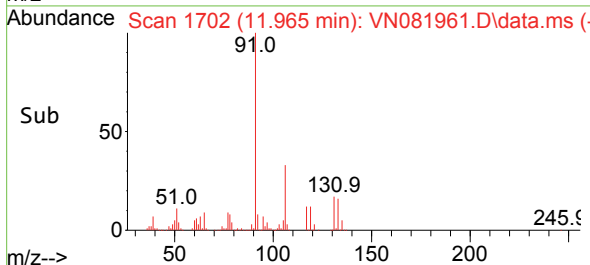
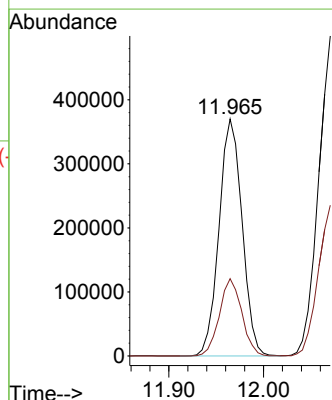
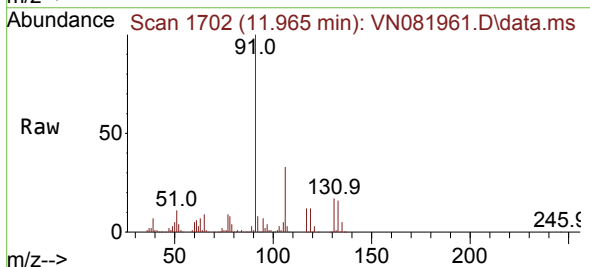
Instrument :  
MSVOA\_N  
ClientSampleId :

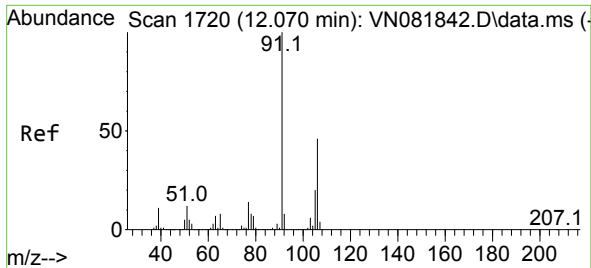
Tgt Ion:131 Resp: 108893  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.5 142.6  
119 73.8 32.9 98.7



#67  
Ethyl Benzene  
Concen: 50.158 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 91 Resp: 626717  
Ion Ratio Lower Upper  
91 100  
106 32.6 25.3 37.9

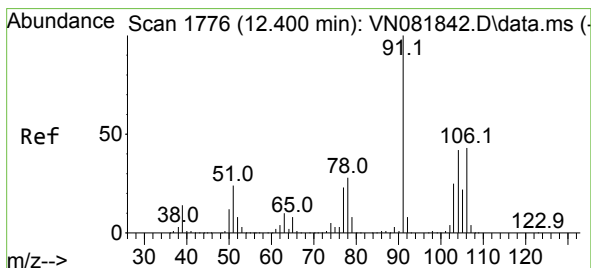
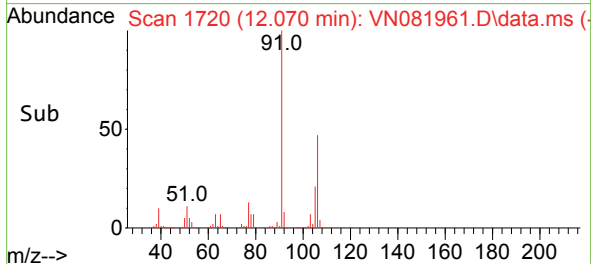
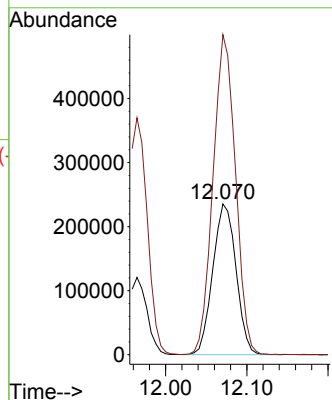
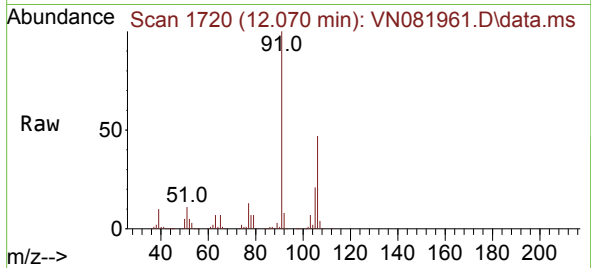




#68  
m/p-Xylenes  
Concen: 105.078 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

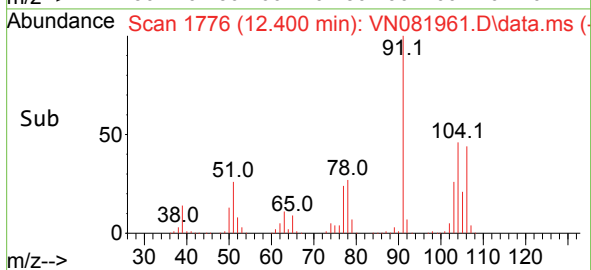
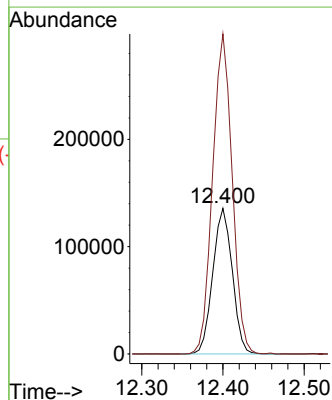
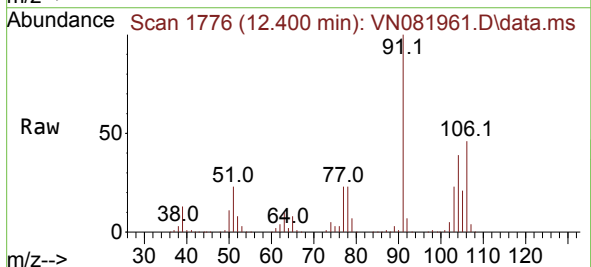
Instrument :  
MSVOA\_N  
ClientSampleId :

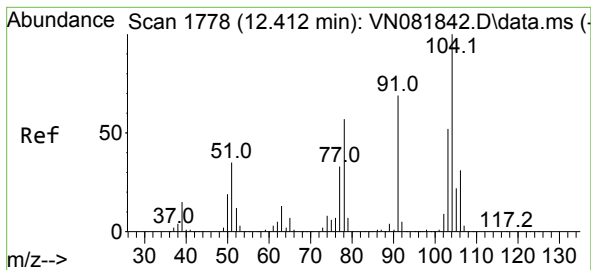
Tgt Ion:106 Resp: 468317  
Ion Ratio Lower Upper  
106 100  
91 205.1 159.4 239.0



#69  
o-Xylene  
Concen: 52.048 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion:106 Resp: 226471  
Ion Ratio Lower Upper  
106 100  
91 220.7 104.7 314.1





#70

Styrene

Concen: 51.721 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

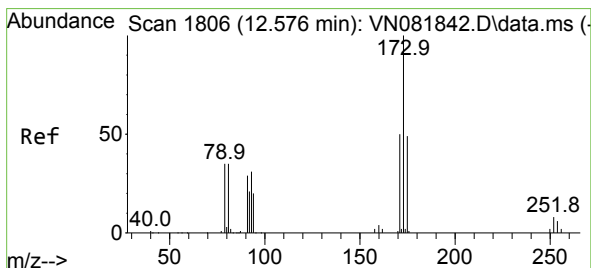
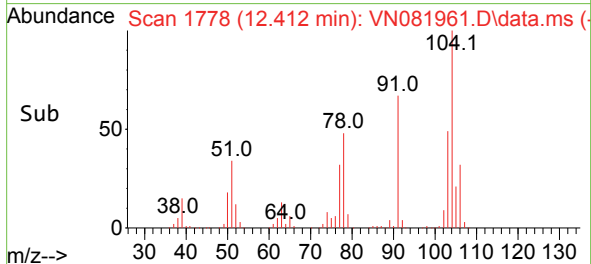
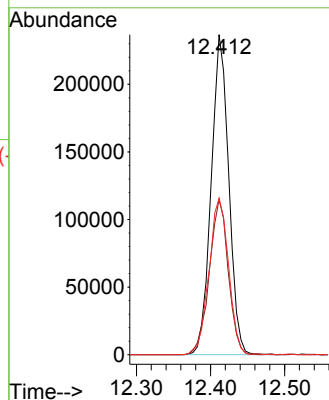
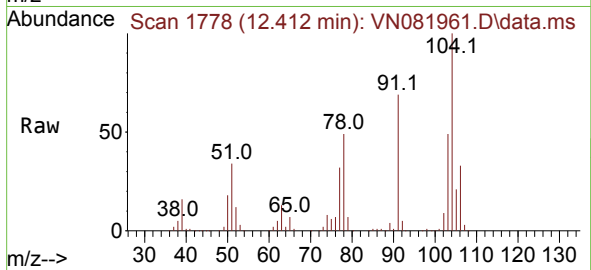
Tgt Ion:104 Resp: 389318

Ion Ratio Lower Upper

104 100

78 52.2 38.6 58.0

103 54.6 43.8 65.6



#71

Bromoform

Concen: 46.079 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

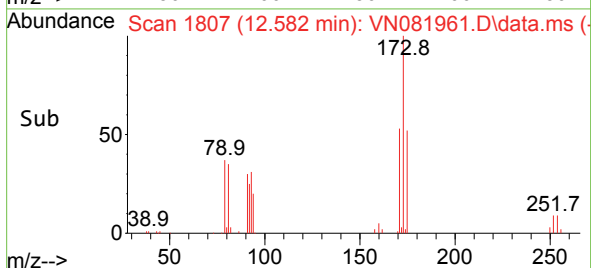
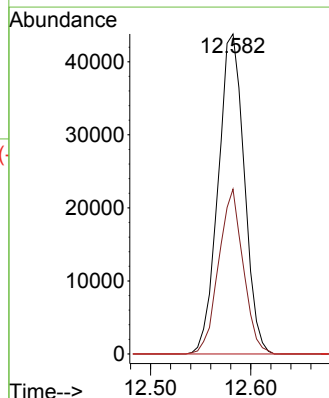
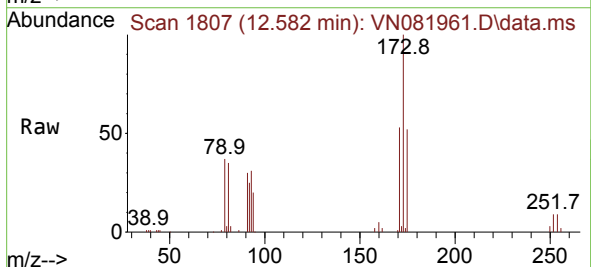
Tgt Ion:173 Resp: 79101

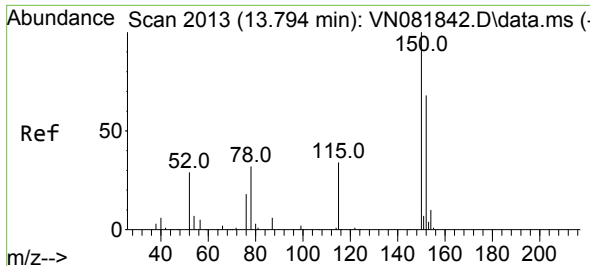
Ion Ratio Lower Upper

173 100

175 48.5 24.6 74.0

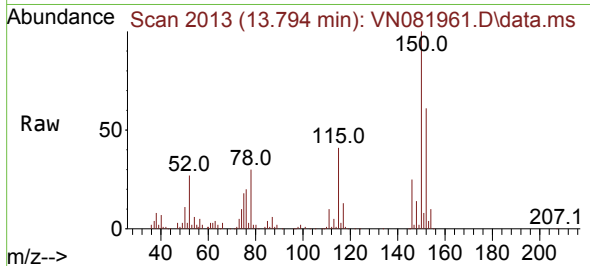
254 0.0 0.0 0.0



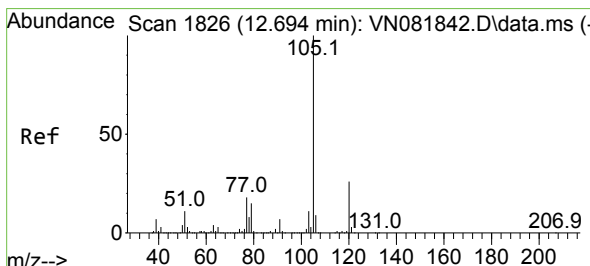
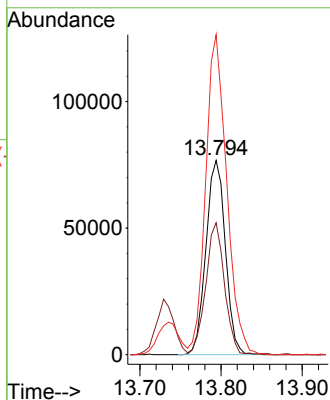
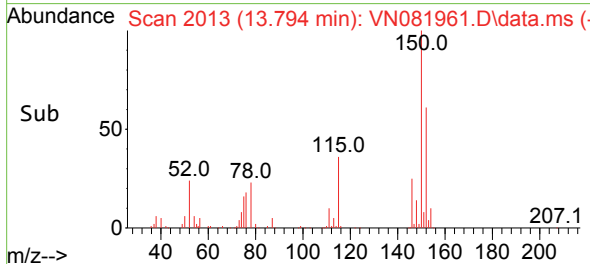


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 2013  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

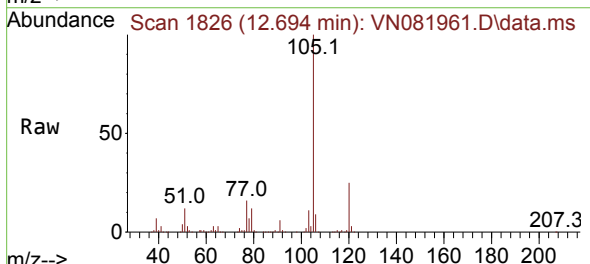
Instrument :  
 MSVOA\_N  
 ClientSampleId :



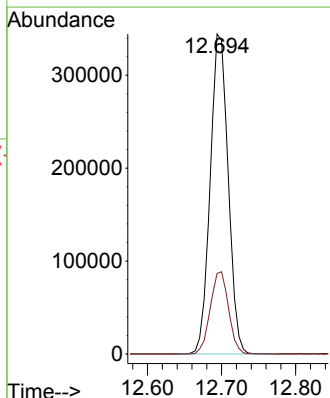
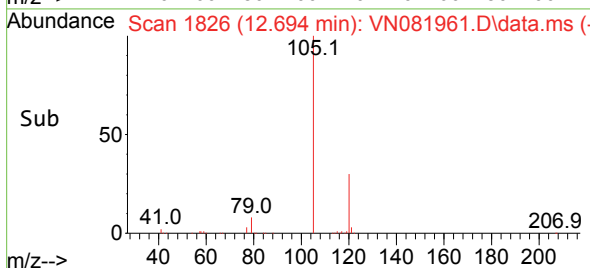
Tgt Ion:152 Resp: 127796  
 Ion Ratio Lower Upper  
 152 100  
 115 65.5 30.4 91.3  
 150 177.2 0.0 353.2



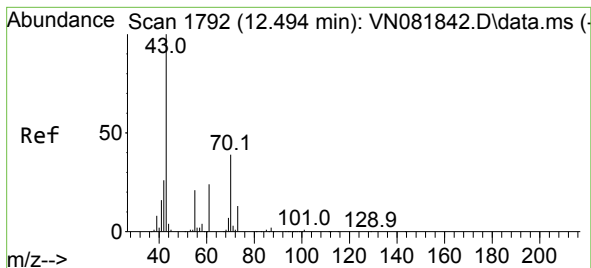
#73  
 Isopropylbenzene  
 Concen: 51.014 ug/l  
 RT: 12.694 min Scan# 1826  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02



Tgt Ion:105 Resp: 579636  
 Ion Ratio Lower Upper  
 105 100  
 120 26.1 13.4 40.1







#74

N-ethyl acetate

Concen: 48.712 ug/l

RT: 12.494 min Scan# 1

Delta R.T. 0.000 min

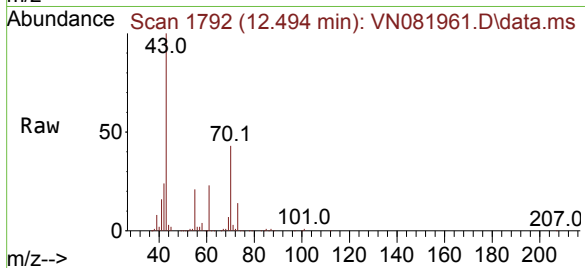
Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 43 Resp: 308148

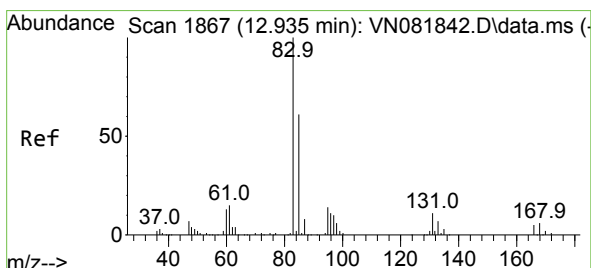
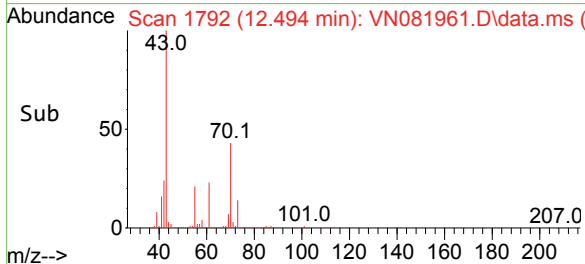
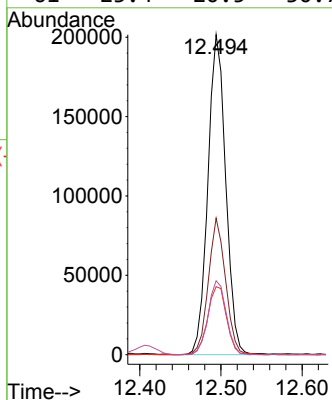
Ion Ratio Lower Upper

43 100

70 41.1 39.0 58.4

55 22.6 21.3 31.9

61 23.4 20.5 30.7



#75

1,1,2,2-Tetrachloroethane

Concen: 51.865 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

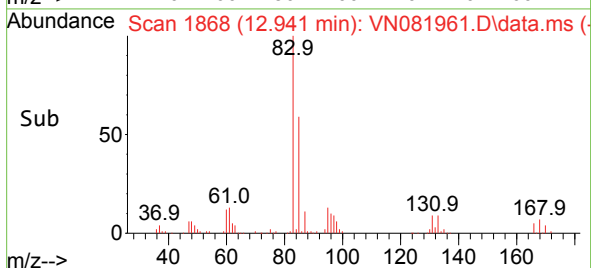
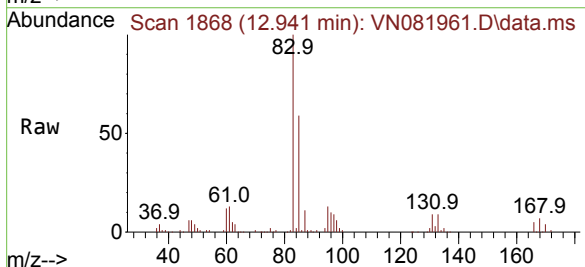
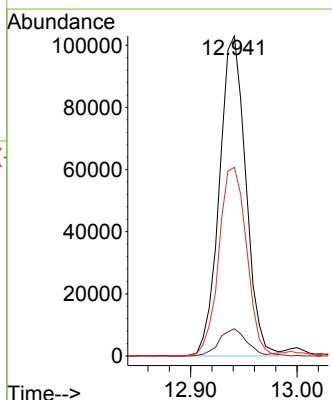
Tgt Ion: 83 Resp: 176968

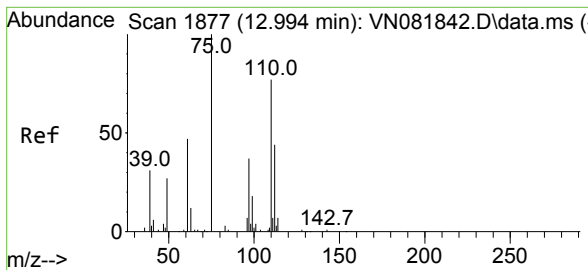
Ion Ratio Lower Upper

83 100

131 9.1 5.5 16.4

85 62.1 32.9 98.6

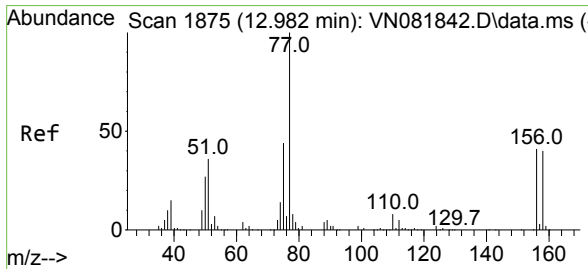
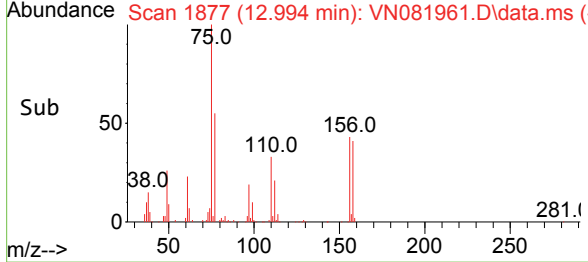
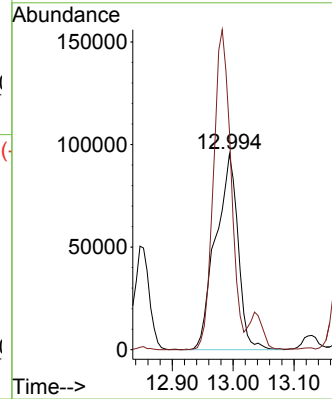
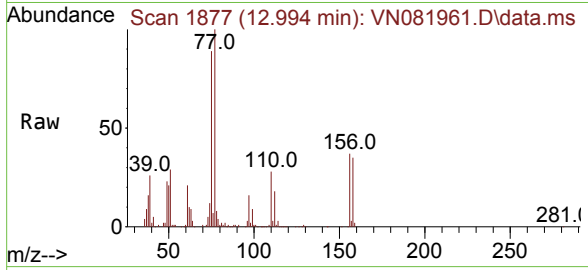




#76  
1,2,3-Trichloropropane  
Concen: 73.431 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

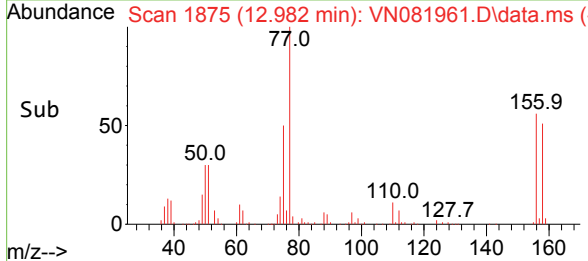
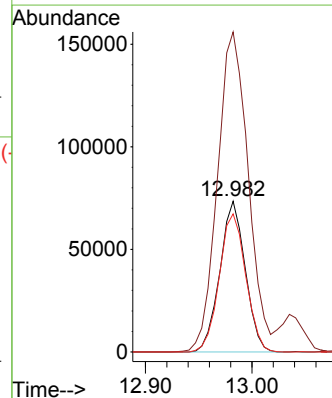
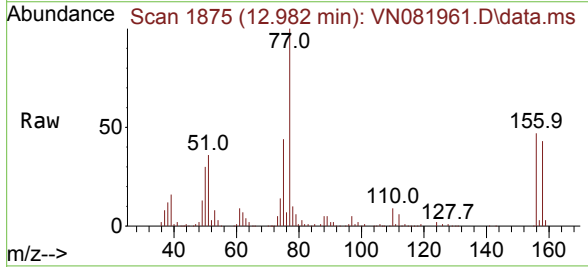
Instrument :  
MSVOA\_N  
ClientSampleId :

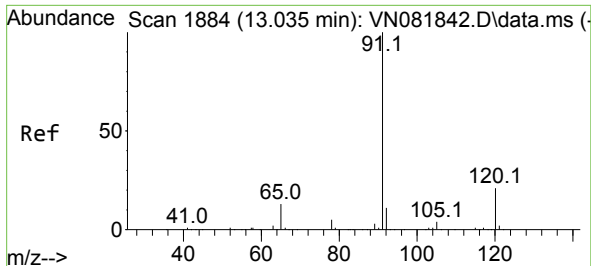
Tgt Ion: 75 Resp: 243311  
Ion Ratio Lower Upper  
75 100  
77 128.1 90.5 271.3



#77  
Bromobenzene  
Concen: 51.025 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 156 Resp: 121321  
Ion Ratio Lower Upper  
156 100  
77 256.9 100.2 300.6  
158 95.9 49.1 147.3

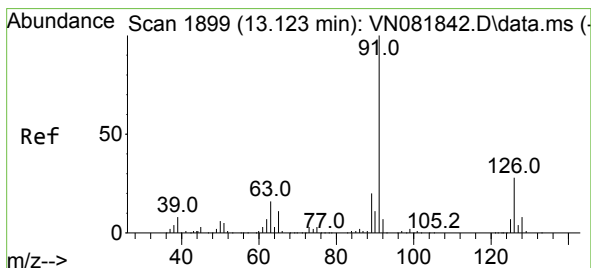
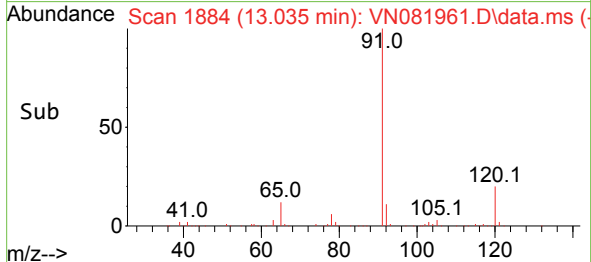
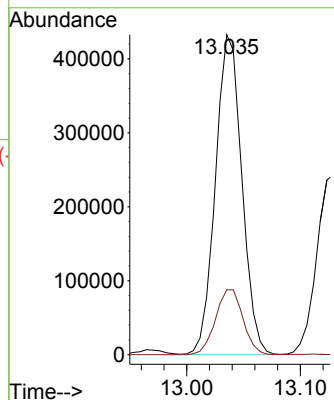
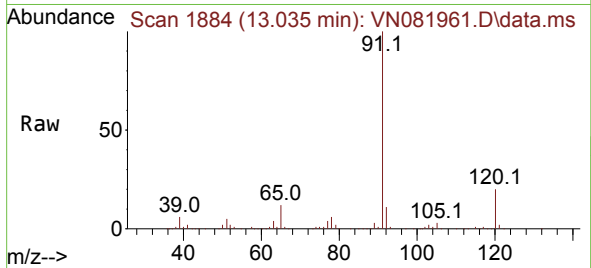




#78  
n-propylbenzene  
Concen: 50.552 ug/l  
RT: 13.035 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

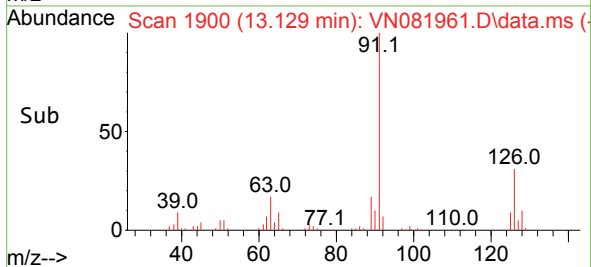
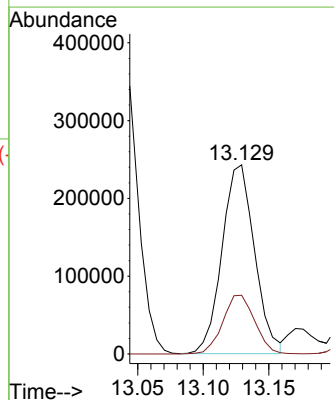
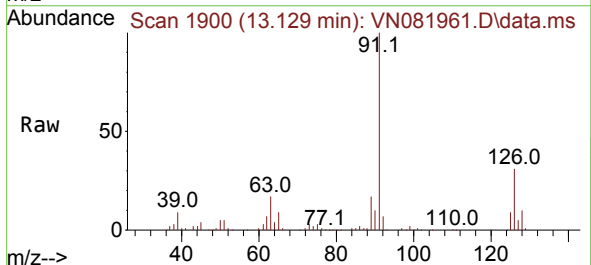
Instrument :  
MSVOA\_N  
ClientSampleId :

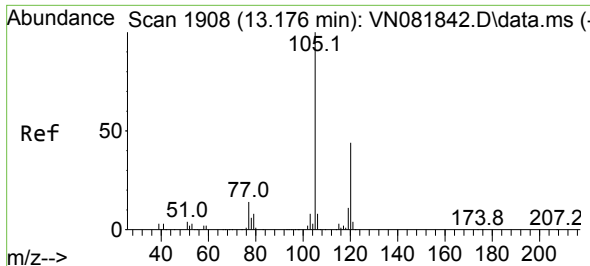
Tgt Ion: 91 Resp: 697694  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.7 35.0



#79  
2-Chlorotoluene  
Concen: 47.753 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 91 Resp: 419315  
Ion Ratio Lower Upper  
91 100  
126 30.7 17.5 52.5

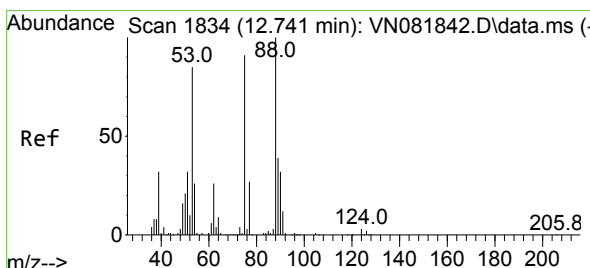
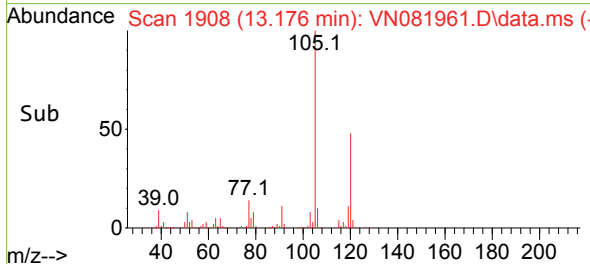
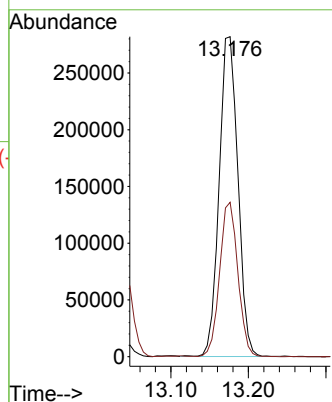
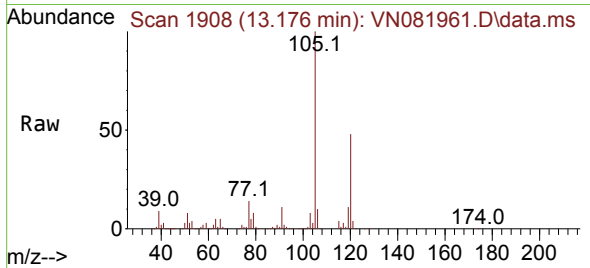




#80  
 1,3,5-Trimethylbenzene  
 Concen: 49.262 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

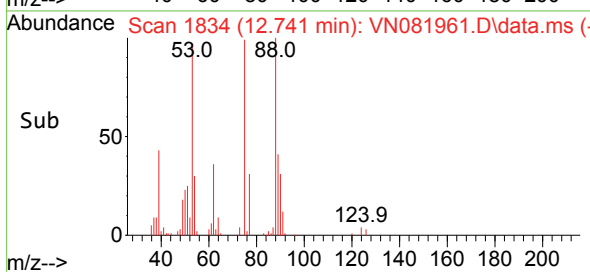
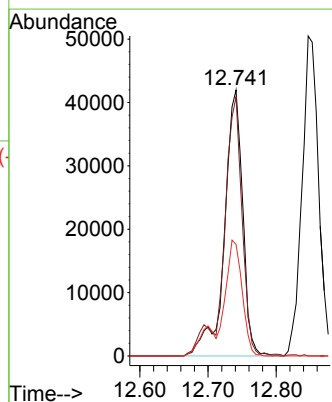
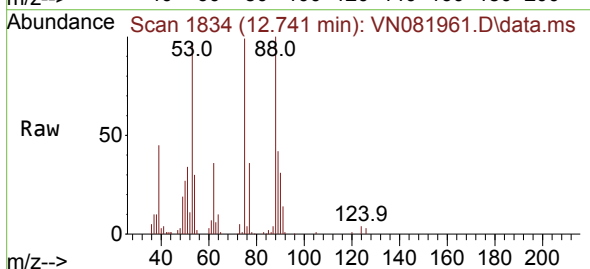
Instrument :  
 MSVOA\_N  
 ClientSampleId :

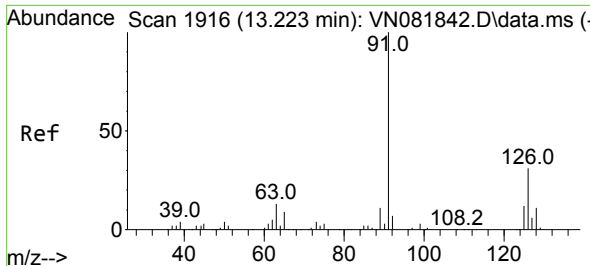
Tgt Ion:105 Resp: 473641  
 Ion Ratio Lower Upper  
 105 100  
 120 47.0 24.8 74.3



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.465 ug/l  
 RT: 12.741 min Scan# 1834  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Tgt Ion: 75 Resp: 78369  
 Ion Ratio Lower Upper  
 75 100  
 53 86.4 72.9 109.3  
 89 39.4 39.1 58.7

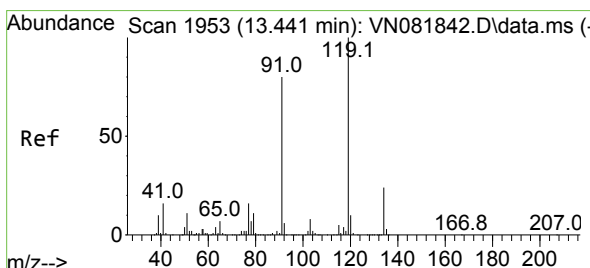
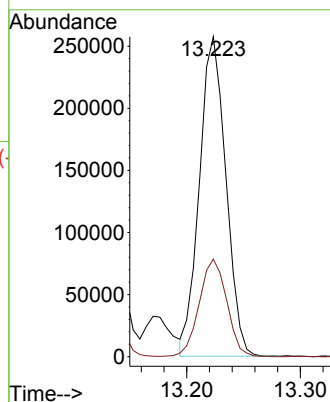
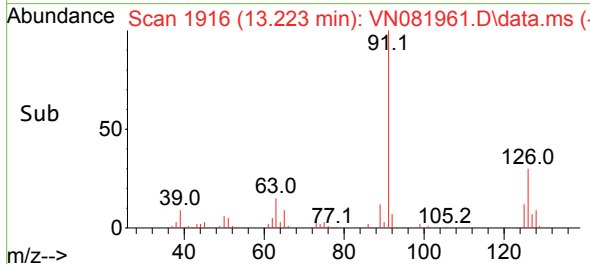
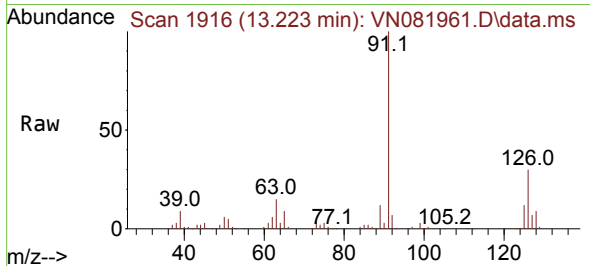




#82  
4-Chlorotoluene  
Concen: 48.835 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

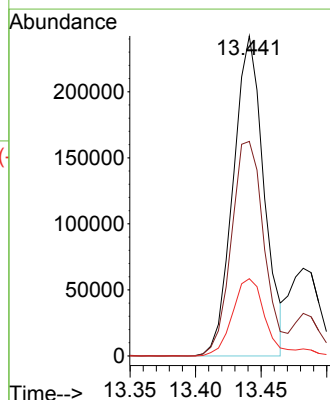
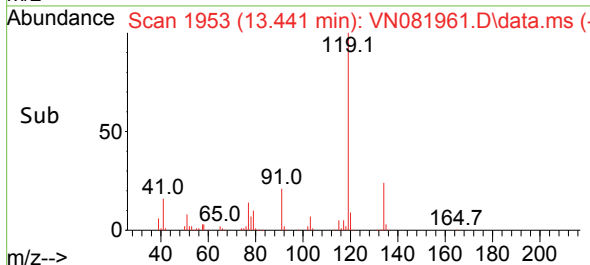
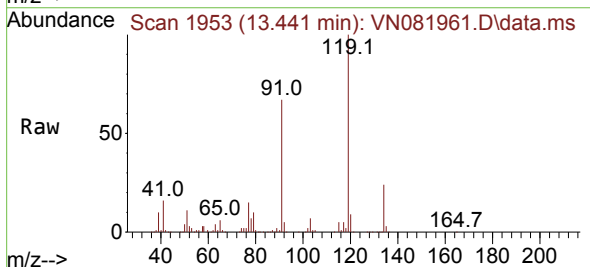
Instrument :  
MSVOA\_N  
ClientSampleId :

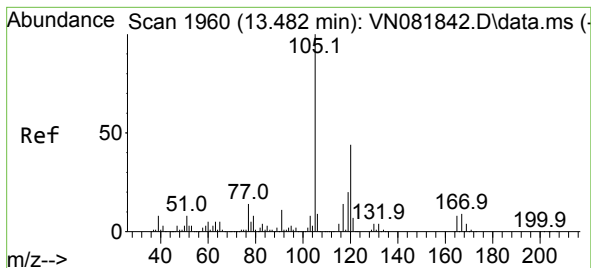
Tgt Ion: 91 Resp: 416315  
Ion Ratio Lower Upper  
91 100  
126 31.8 17.4 52.3



#83  
tert-Butylbenzene  
Concen: 49.407 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 119 Resp: 395597  
Ion Ratio Lower Upper  
119 100  
91 72.1 32.6 97.8  
134 26.6 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 48.940 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

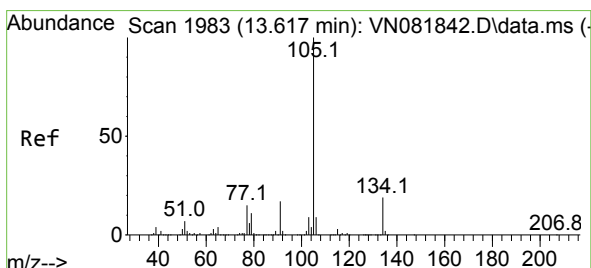
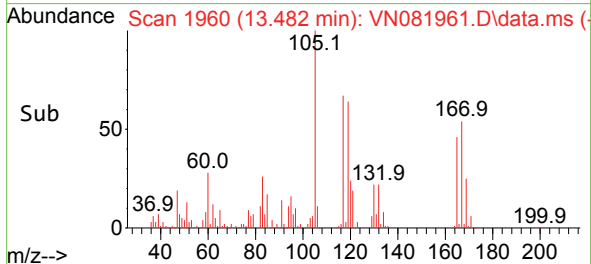
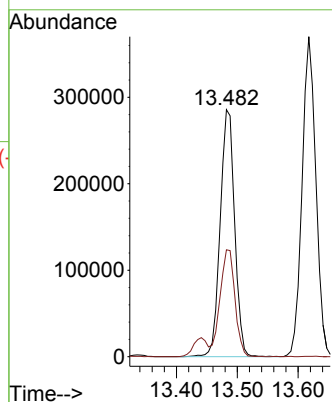
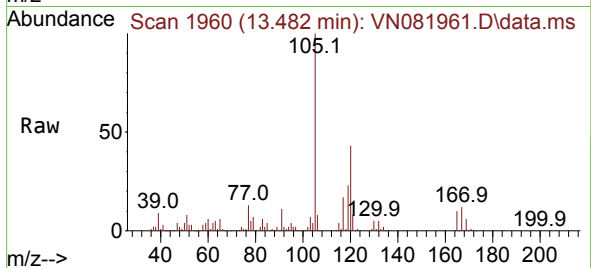
ClientSampleId :

Tgt Ion:105 Resp: 469909

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7



#85

sec-Butylbenzene

Concen: 51.452 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081961.D

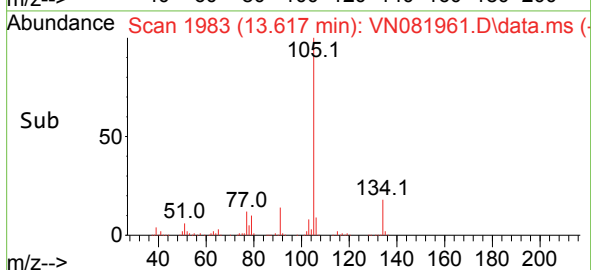
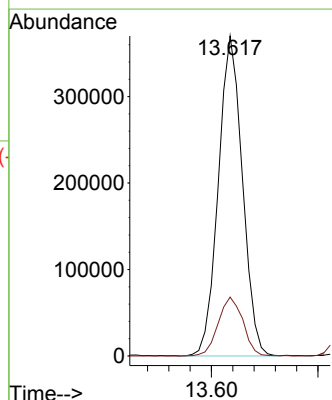
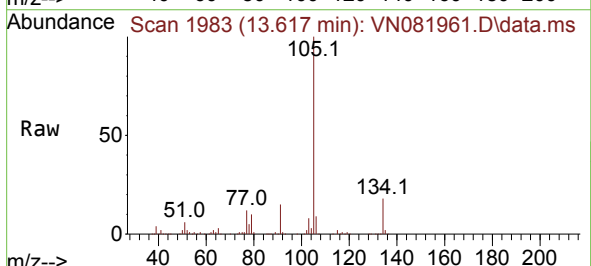
Acq: 01 May 2024 17:02

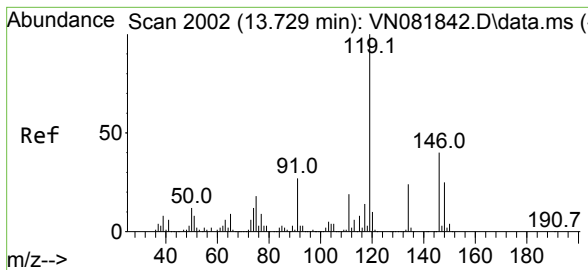
Tgt Ion:105 Resp: 580300

Ion Ratio Lower Upper

105 100

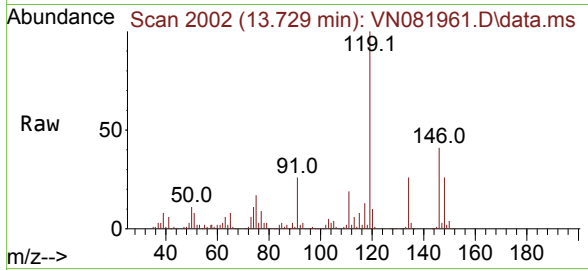
134 18.9 10.2 30.4





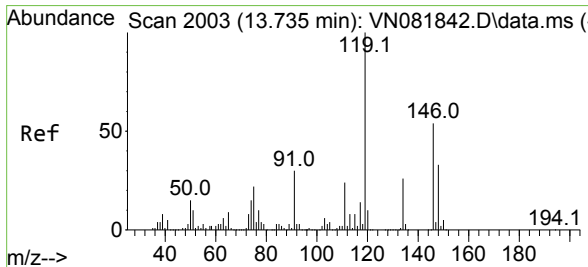
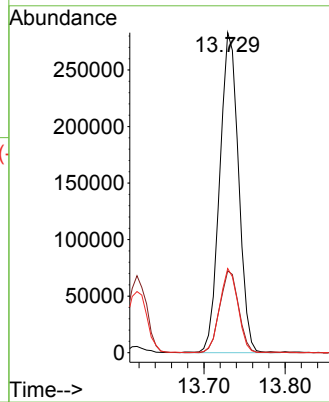
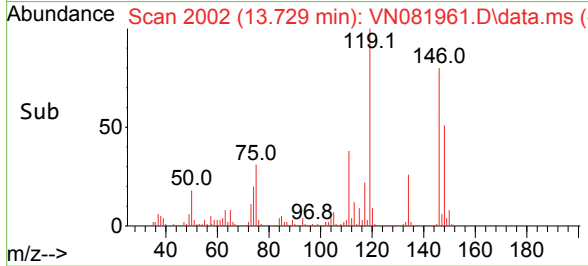
#86  
 p-Isopropyltoluene  
 Concen: 50.531 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :

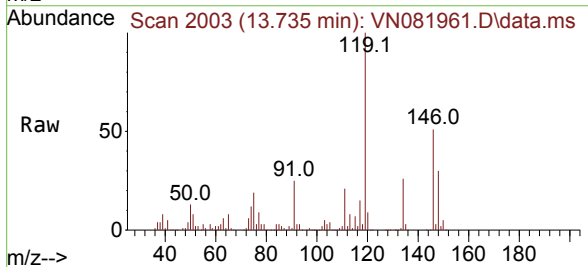


Tgt Ion:119 Resp: 457611  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 25.6  | 13.2  | 39.5  |
| 91  | 25.2  | 11.8  | 35.3  |

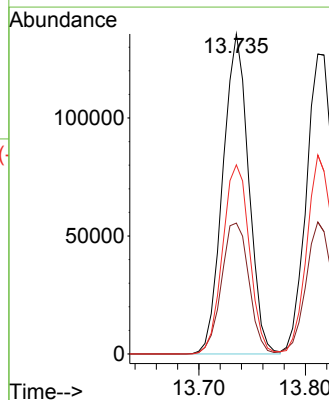
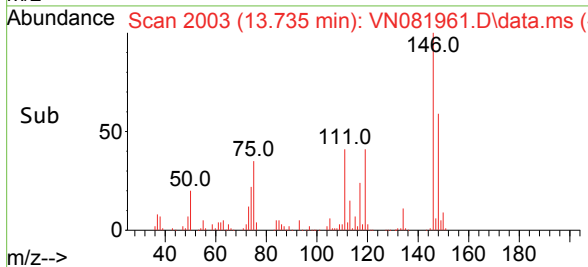


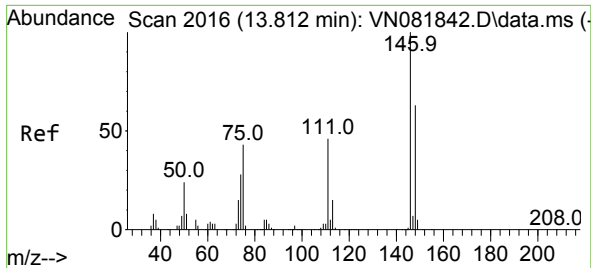
#87  
 1,3-Dichlorobenzene  
 Concen: 51.462 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02



Tgt Ion:146 Resp: 228309  

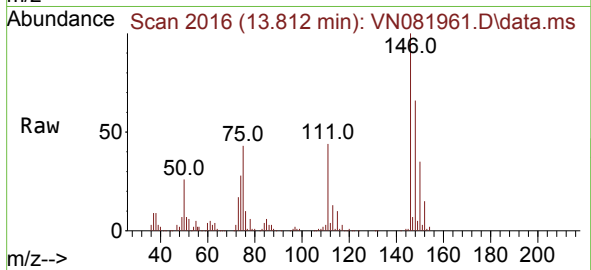
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.5  | 20.8  | 62.5  |
| 148 | 61.1  | 32.1  | 96.3  |



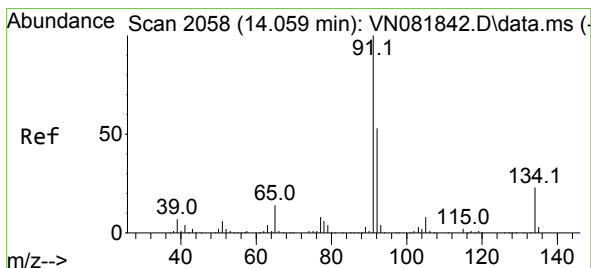
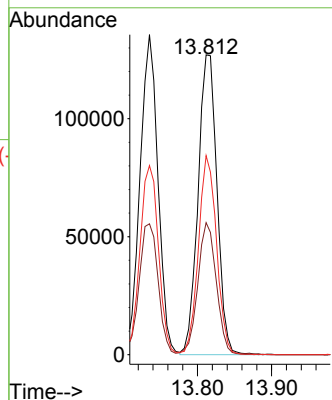
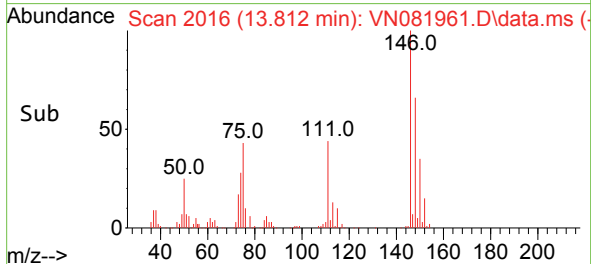


#88  
1,4-Dichlorobenzene  
Concen: 51.685 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Instrument :  
MSVOA\_N  
ClientSampleId :

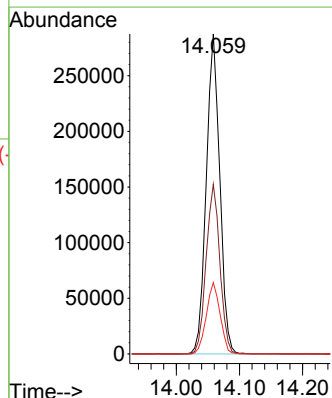
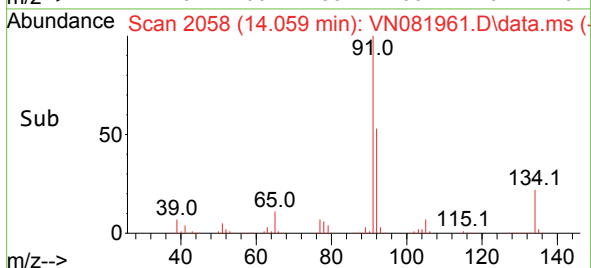
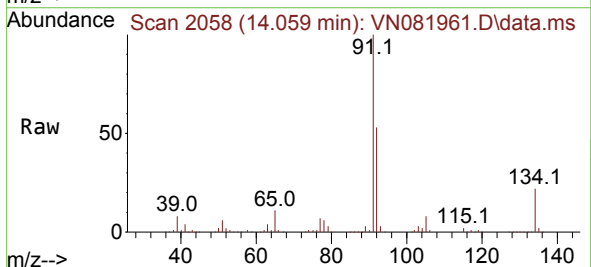


Tgt Ion:146 Resp: 225803  
Ion Ratio Lower Upper  
146 100  
111 43.1 19.3 57.9  
148 63.5 31.3 93.9

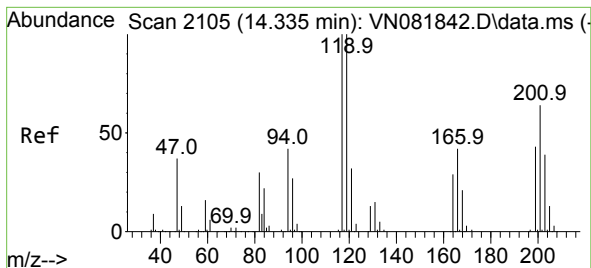


#89  
n-Butylbenzene  
Concen: 50.549 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. 0.000 min  
Lab File: VN081961.D  
Acq: 01 May 2024 17:02

Tgt Ion: 91 Resp: 426095  
Ion Ratio Lower Upper  
91 100  
92 54.0 26.2 78.5  
134 22.8 13.2 39.5







#90

Hexachloroethane

Concen: 49.061 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

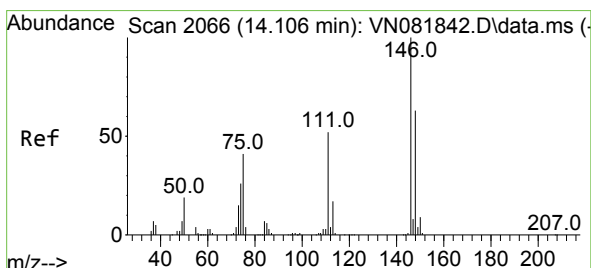
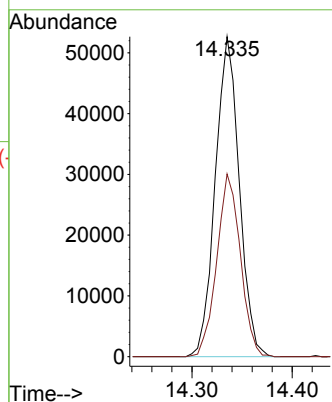
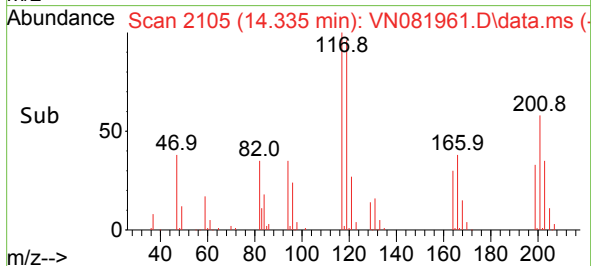
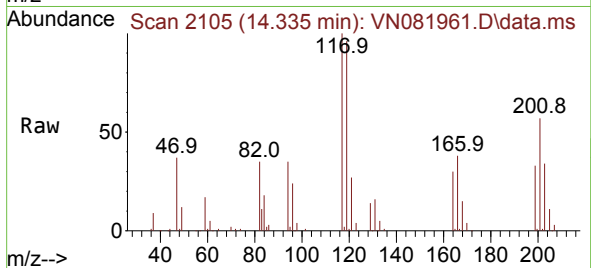
ClientSampleId :

Tgt Ion:117 Resp: 87401

Ion Ratio Lower Upper

117 100

201 56.1 33.3 99.8



#91

1,2-Dichlorobenzene

Concen: 51.075 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

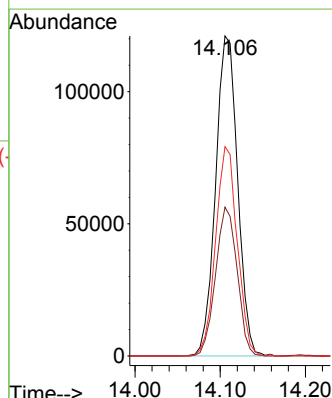
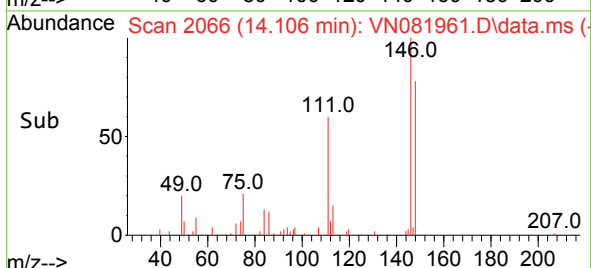
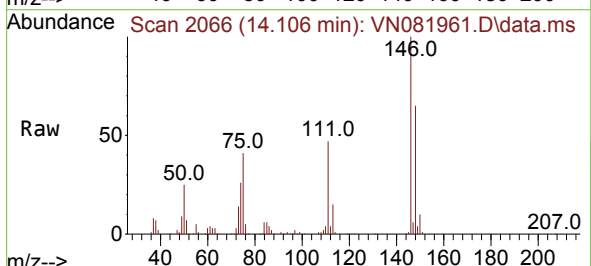
Tgt Ion:146 Resp: 217219

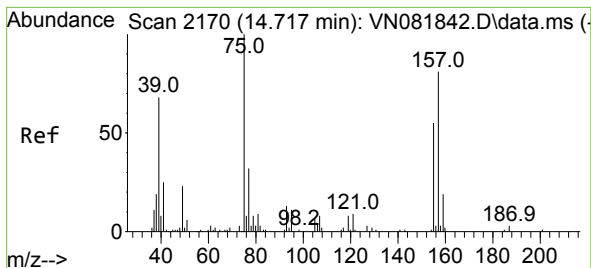
Ion Ratio Lower Upper

146 100

111 45.5 21.3 64.0

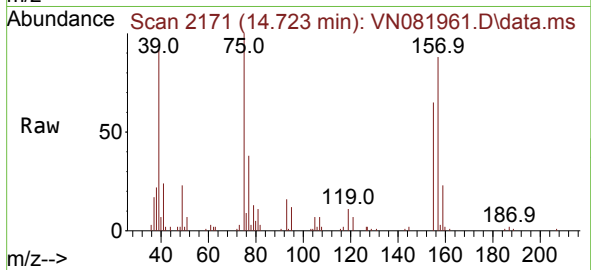
148 64.1 31.8 95.4



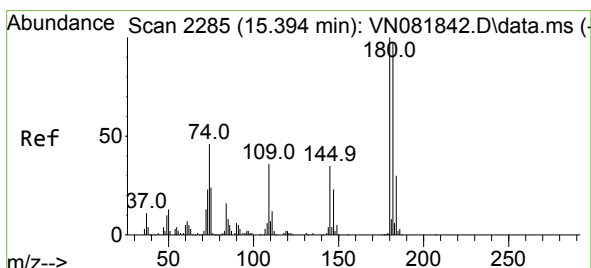
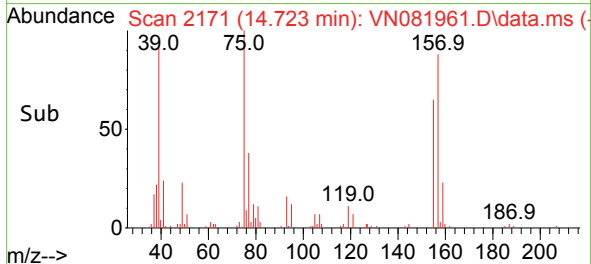
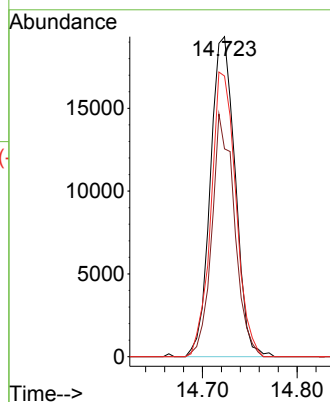


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 42.379 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. 0.006 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :

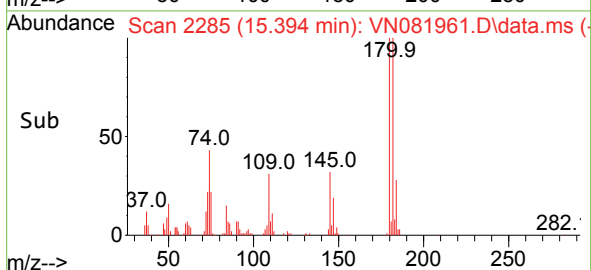
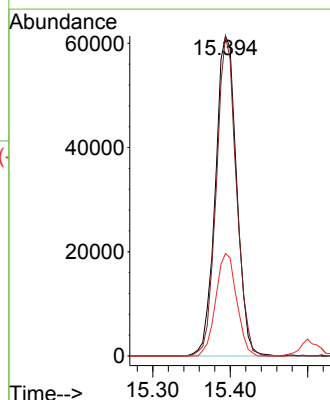
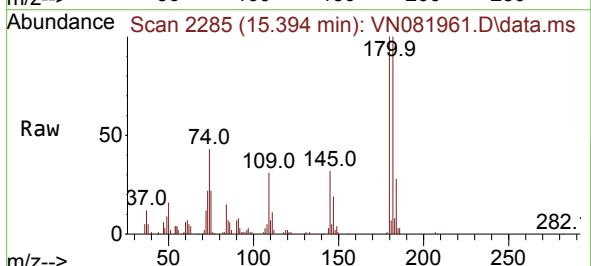


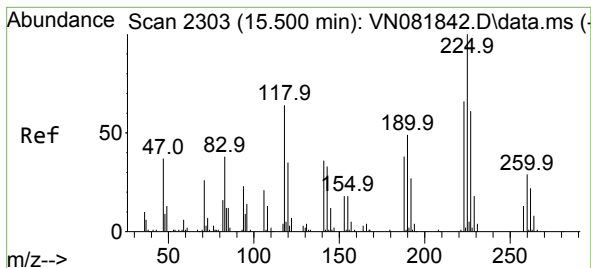
Tgt Ion: 75 Resp: 35204  
 Ion Ratio Lower Upper  
 75 100  
 155 69.1 42.6 128.0  
 157 89.1 53.0 159.0



#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.887 ug/l  
 RT: 15.394 min Scan# 2285  
 Delta R.T. 0.000 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Tgt Ion: 180 Resp: 116320  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 46.7 140.0  
 145 31.6 16.2 48.6





#94

Hexachlorobutadiene

Concen: 43.445 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

Instrument :

MSVOA\_N

ClientSampleId :

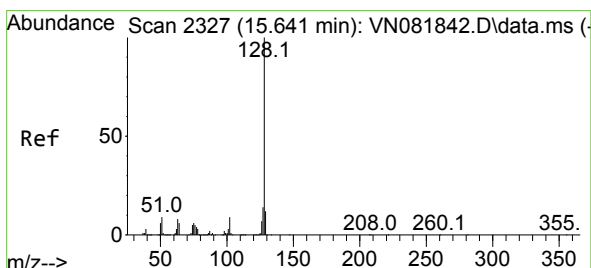
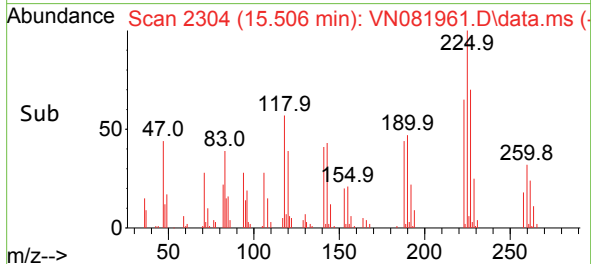
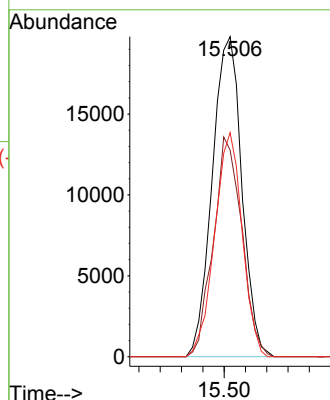
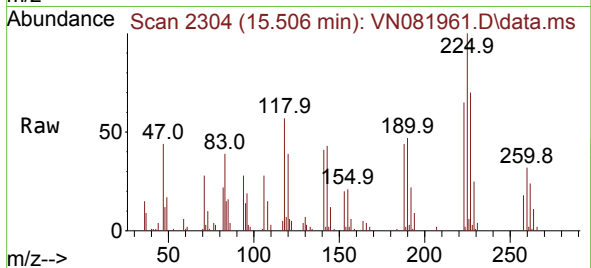
Tgt Ion:225 Resp: 38101

Ion Ratio Lower Upper

225 100

223 66.1 31.1 93.2

227 65.1 30.6 91.6



#95

Naphthalene

Concen: 49.409 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081961.D

Acq: 01 May 2024 17:02

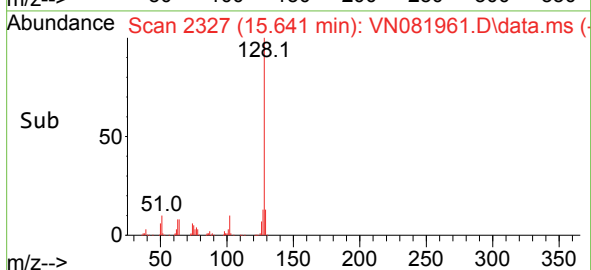
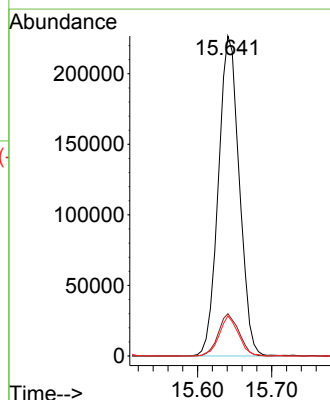
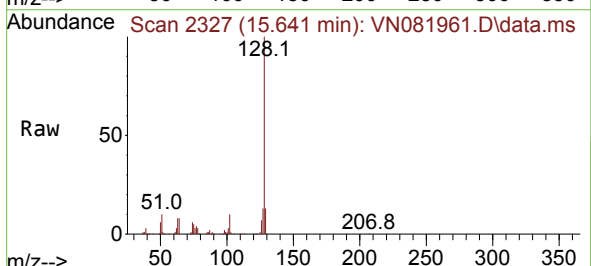
Tgt Ion:128 Resp: 444231

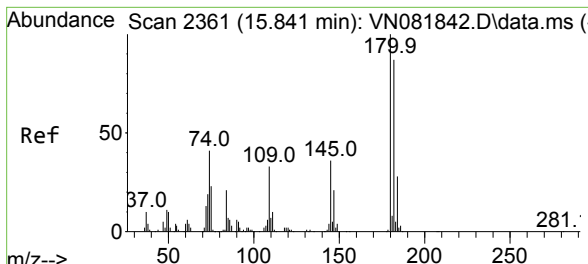
Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

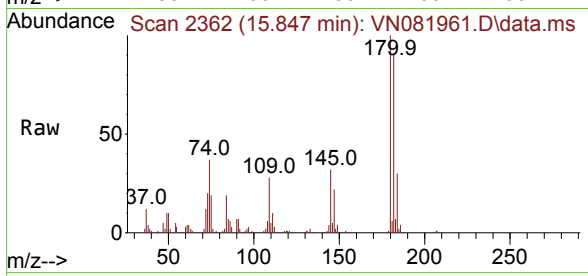
129 11.5 8.9 13.3





#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.856 ug/l  
 RT: 15.847 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN081961.D  
 Acq: 01 May 2024 17:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:180 Resp: 113892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 93.2  | 46.0  | 137.8 |
| 145 | 35.7  | 17.1  | 51.3  |

