

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022624\  
 Data File : VN081204.D  
 Acq On : 26 Feb 2024 18:52  
 Operator : JC\MD  
 Sample : P1577-02MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

Quant Time: Feb 27 00:15:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 270166   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 517294   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 468873   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 219512   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 169908   | 51.309   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.620% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 145380   | 49.700   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 99.400%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 481091   | 46.306   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 92.620%  |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 195719   | 50.135   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 100.280% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 186523  | 53.386  | ug/l   | 100 |
| 3) Chloromethane             | 2.359 | 50  | 187293  | 49.104  | ug/l   | 93  |
| 4) Vinyl Chloride            | 2.512 | 62  | 208359  | 53.688  | ug/l   | 94  |
| 5) Bromomethane              | 2.942 | 94  | 125070  | 45.373  | ug/l   | 96  |
| 6) Chloroethane              | 3.112 | 64  | 144644  | 57.781  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.495 | 101 | 310683  | 54.798  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.953 | 74  | 115910  | 55.918  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 173510  | 54.897  | ug/l   | 93  |
| 10) Methyl Iodide            | 4.589 | 142 | 172531  | 48.904  | ug/l   | 96  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 199241  | 327.163 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.336 | 96  | 160345  | 52.482  | ug/l   | 92  |
| 13) Acrolein                 | 4.183 | 56  | 126292  | 386.915 | ug/l   | 97  |
| 14) Allyl chloride           | 5.024 | 41  | 238788  | 52.675  | ug/l # | 88  |
| 15) Acrylonitrile            | 5.718 | 53  | 506777  | 318.629 | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 384112  | 294.792 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.712 | 76  | 402454  | 47.227  | ug/l   | 96  |
| 18) Methyl Acetate           | 5.024 | 43  | 224159  | 70.521  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 606117  | 57.924  | ug/l   | 97  |
| 20) Methylene Chloride       | 5.277 | 84  | 197270  | 58.684  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.789 | 96  | 180649  | 52.996  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.671 | 45  | 603753  | 58.712  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.606 | 43  | 2311589 | 277.060 | ug/l # | 93  |
| 24) 1,1-Dichloroethane       | 6.571 | 63  | 345505  | 58.108  | ug/l   | 98  |
| 25) 2-Butanone               | 7.483 | 43  | 669268  | 317.938 | ug/l # | 88  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 269360  | 48.348  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 218449  | 55.158  | ug/l   | 86  |
| 28) Bromochloromethane       | 7.818 | 49  | 144412  | 58.584  | ug/l # | 66  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 458278  | 326.129 | ug/l # | 89  |
| 30) Chloroform               | 7.971 | 83  | 366508  | 57.982  | ug/l   | 99  |
| 31) Cyclohexane              | 8.259 | 56  | 286088  | 50.034  | ug/l # | 80  |
| 32) 1,1,1-Trichloroethane    | 8.171 | 97  | 330901  | 57.480  | ug/l   | 93  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 258584  | 51.599  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.565 | 43  | 254810  | 56.339  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 276973  | 54.628  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.606 | 83  | 297545  | 50.933  | ug/l   | 88  |
| 40) Benzene                  | 8.612 | 78  | 786865  | 54.246  | ug/l   | 94  |

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 Sample : P1577-02MS  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

Quant Time: Feb 27 00:15:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 16 23:45:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 150898   | 58.623   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 281948   | 55.713   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 455147   | 57.540   | ug/l # | 96       |
| 44) Trichloroethene           | 9.353  | 130  | 200494   | 51.895   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 202752   | 55.878   | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 146016   | 55.231   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.894  | 83   | 283186   | 56.557   | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 210169   | 57.101   | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 92978    | 1388.252 | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1445990  | 317.778  | ug/l   | 96       |
| 52) Toluene                   | 10.635 | 92   | 503007   | 54.776   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 305030   | 54.820   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 320392   | 53.295   | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 201836   | 57.146   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 311813   | 57.765   | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 352199   | 57.671   | ug/l   | 98       |
| 59) 2-Hexanone                | 11.200 | 43   | 1095724  | 303.735  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.365 | 129  | 217660   | 58.010   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 207411   | 55.844   | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 178194   | 55.684   | ug/l   | 92       |
| 65) Chlorobenzene             | 11.894 | 112  | 538092   | 53.025   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 202450   | 55.544   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 985886   | 54.293   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.076 | 106  | 750339   | 107.804  | ug/l   | 96       |
| 69) o-Xylene                  | 12.400 | 106  | 369935   | 53.619   | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 614148   | 56.175   | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 144071   | 62.303   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 980418   | 51.048   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 401856   | 49.507   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 298069   | 55.193   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 402427   | 80.688   | ug/l   | 57       |
| 77) Bromobenzene              | 12.982 | 156  | 218377   | 50.995   | ug/l   | 78       |
| 78) n-propylbenzene           | 13.041 | 91   | 1152638  | 52.133   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 677687   | 49.972   | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 814207   | 52.287   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 100531   | 51.882   | ug/l # | 84       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 672232   | 50.696   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 735781   | 54.645   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 823237   | 53.053   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1011129  | 54.017   | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 834867   | 53.696   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 411619   | 50.872   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 406518   | 51.130   | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.059 | 91   | 731560   | 54.008   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 147785   | 57.503   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 399069   | 51.137   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 64270    | 57.240   | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 216316   | 49.685   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 79091    | 48.710   | ug/l   | 97       |
| 95) Naphthalene               | 15.647 | 128  | 834192   | 52.286   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 218061   | 50.488   | ug/l   | 98       |

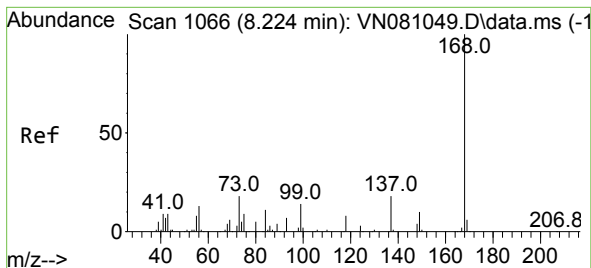
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Data File : VN081204.D  
Acq On : 26 Feb 2024 18:52  
Operator : JC\MD  
Sample : P1577-02MS  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

Quant Time: Feb 27 00:15:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021624W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 16 23:45:20 2024  
Response via : Initial Calibration

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

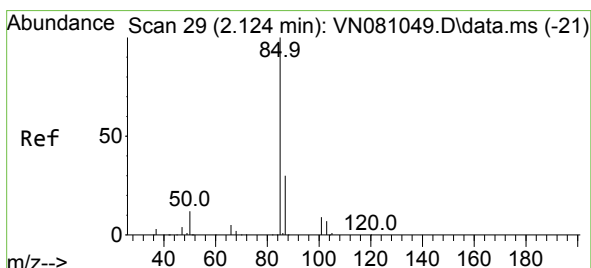
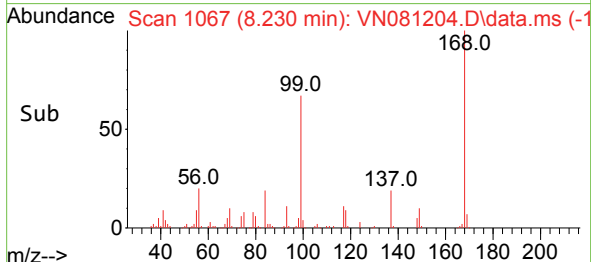
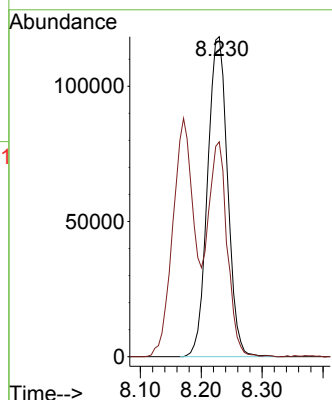
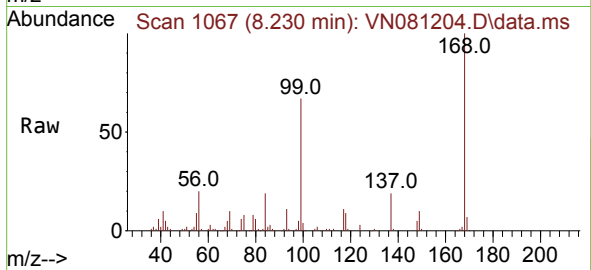
RW10A-MW01I-20240221MS

Tgt Ion:168 Resp: 270166

Ion Ratio Lower Upper

168 100

99 67.1 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 53.386 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081204.D

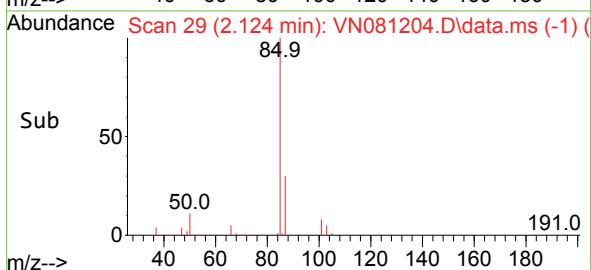
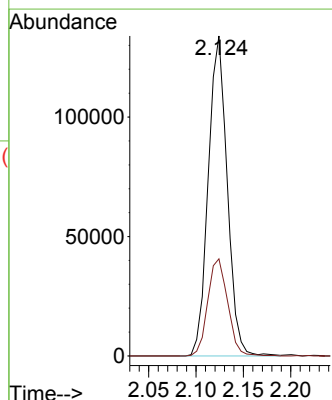
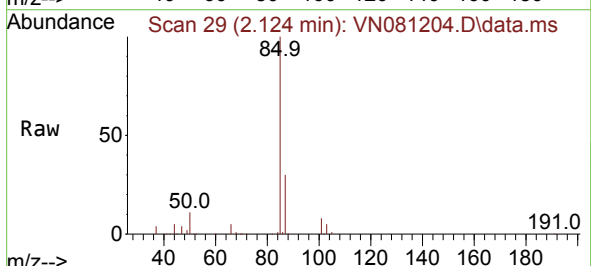
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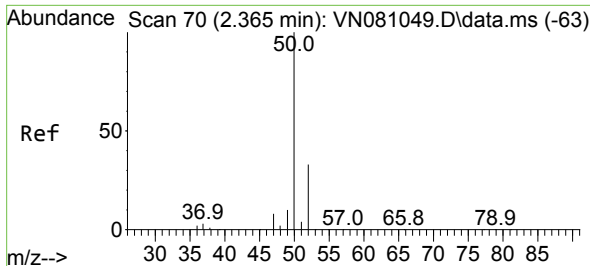
Tgt Ion: 85 Resp: 186523

Ion Ratio Lower Upper

85 100

87 30.4 15.3 45.9

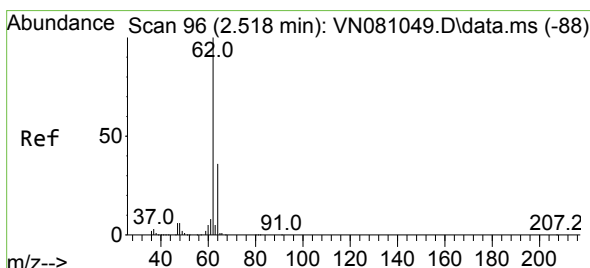
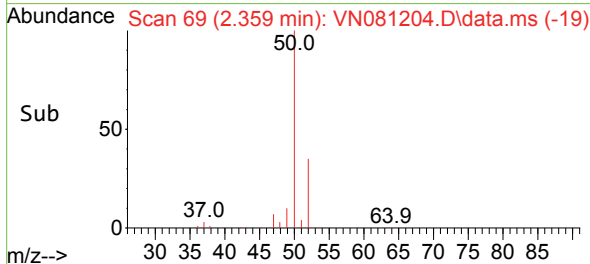
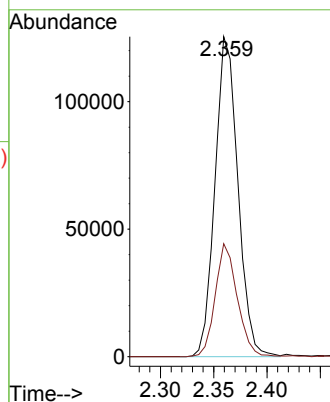
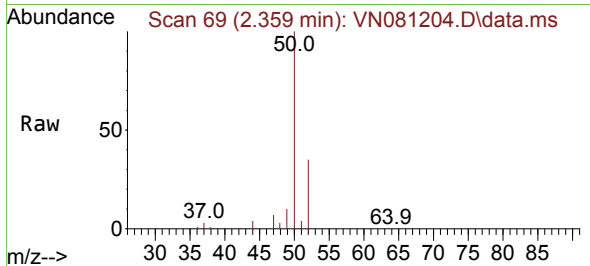




#3  
Chloromethane  
Concen: 49.104 ug/l  
RT: 2.359 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

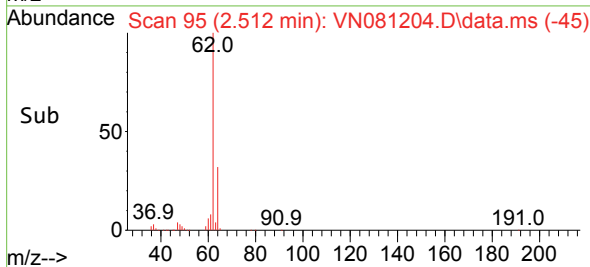
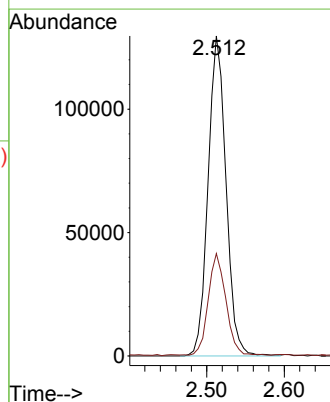
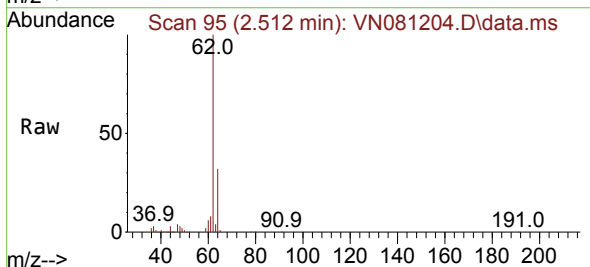
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

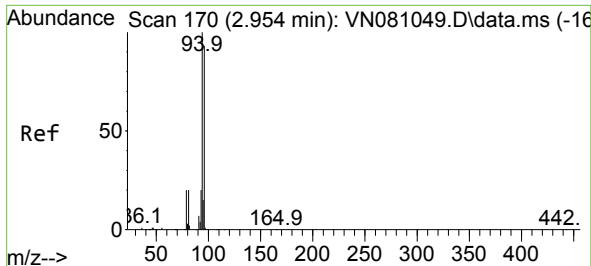
Tgt Ion: 50 Resp: 187293  
Ion Ratio Lower Upper  
50 100  
52 35.3 25.0 37.4



#4  
Vinyl Chloride  
Concen: 53.688 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 62 Resp: 208359  
Ion Ratio Lower Upper  
62 100  
64 31.7 22.7 34.1

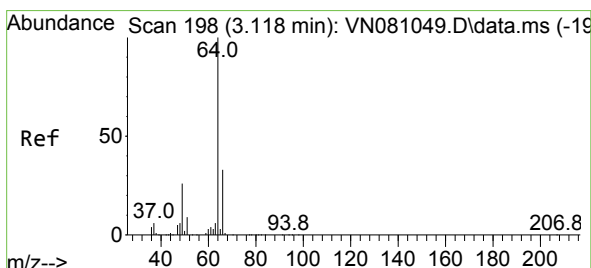
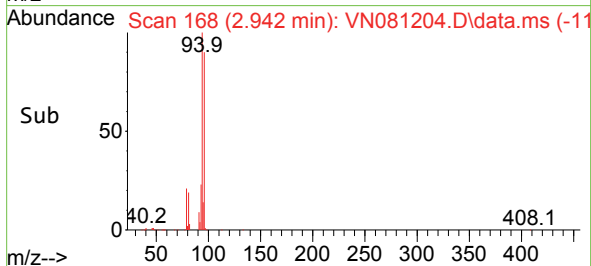
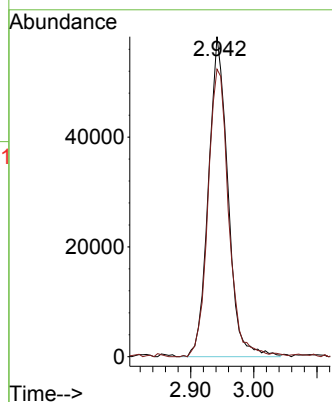
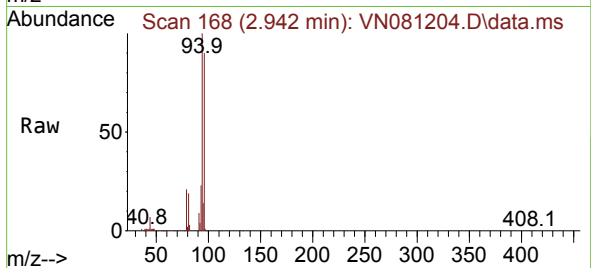




#5  
Bromomethane  
Concen: 45.373 ug/l  
RT: 2.942 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

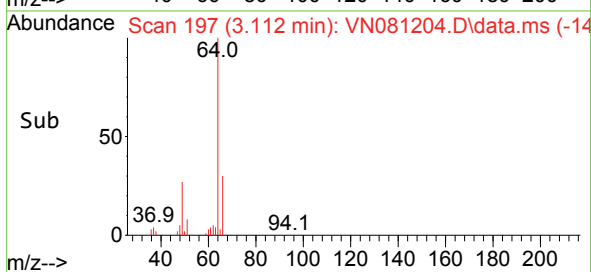
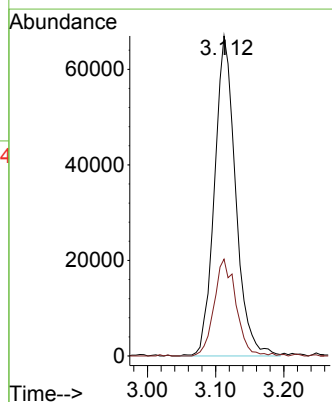
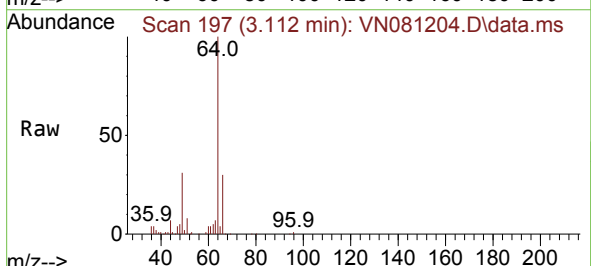
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

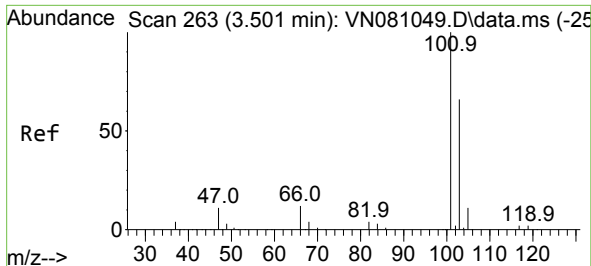
Tgt Ion: 94 Resp: 125070  
Ion Ratio Lower Upper  
94 100  
96 89.9 69.2 103.8



#6  
Chloroethane  
Concen: 57.781 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 64 Resp: 144644  
Ion Ratio Lower Upper  
64 100  
66 30.3 26.4 39.6

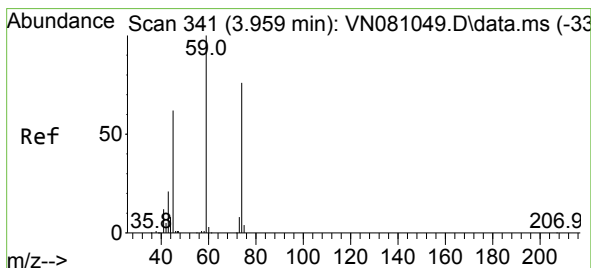
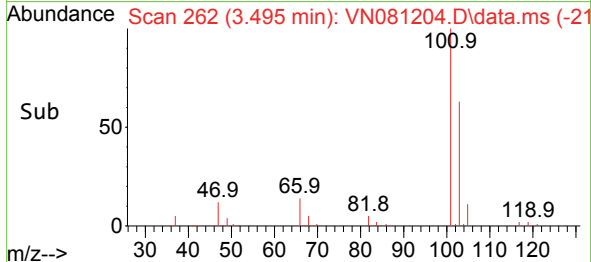
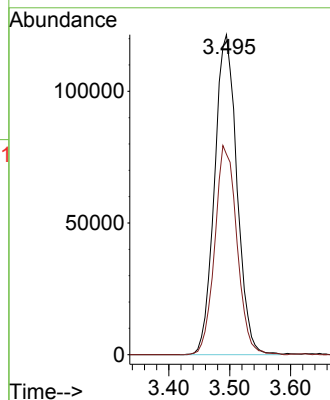
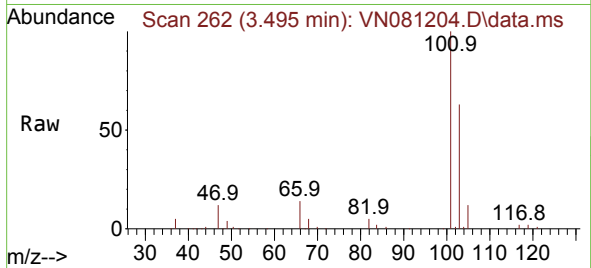




#7  
Trichlorofluoromethane  
Concen: 54.798 ug/l  
RT: 3.495 min Scan# 210  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

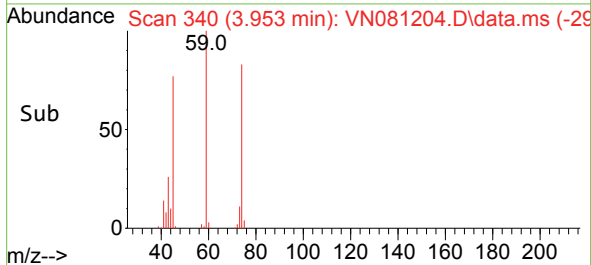
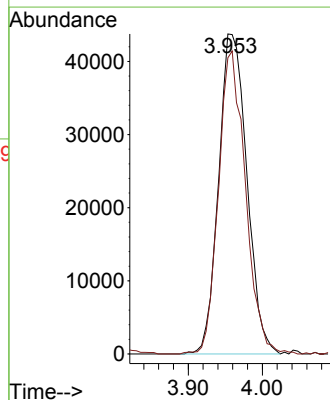
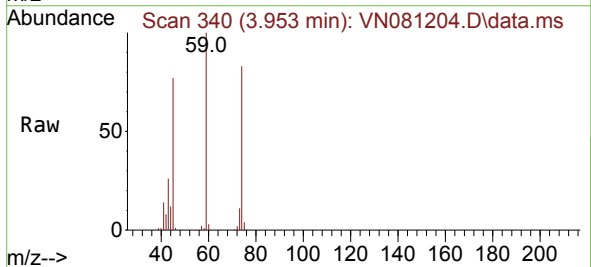
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

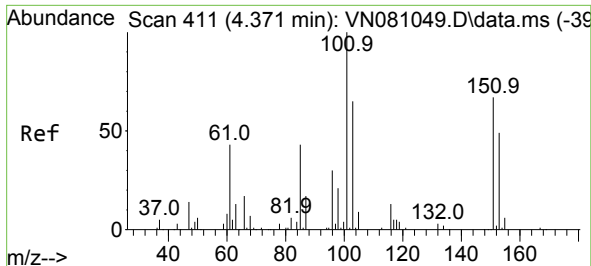
Tgt Ion:101 Resp: 310683  
Ion Ratio Lower Upper  
101 100  
103 62.7 54.4 81.6



#8  
Diethyl Ether  
Concen: 55.918 ug/l  
RT: 3.953 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 74 Resp: 115910  
Ion Ratio Lower Upper  
74 100  
45 90.3 53.3 159.9

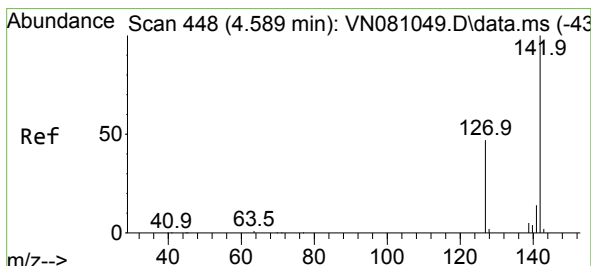
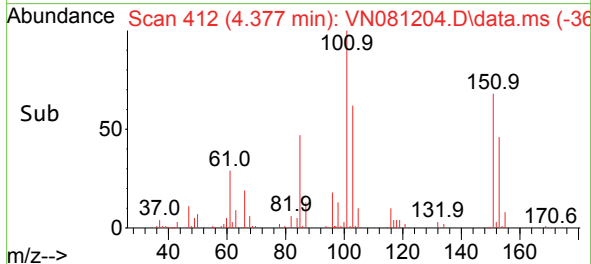
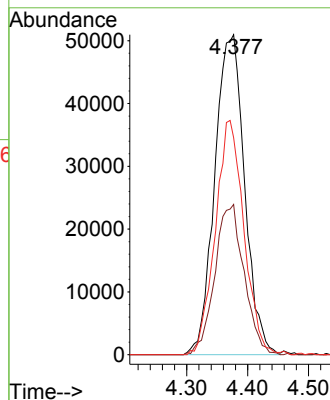
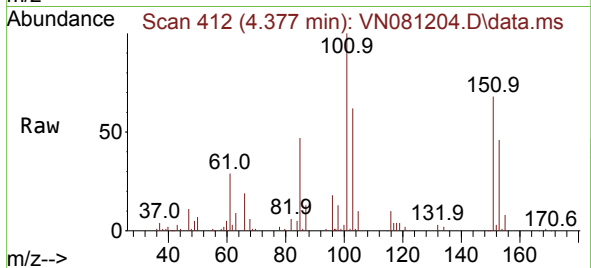




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 54.897 ug/l  
RT: 4.377 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

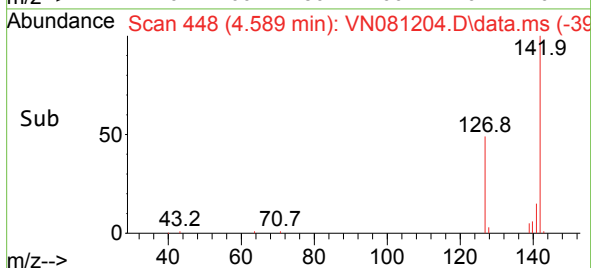
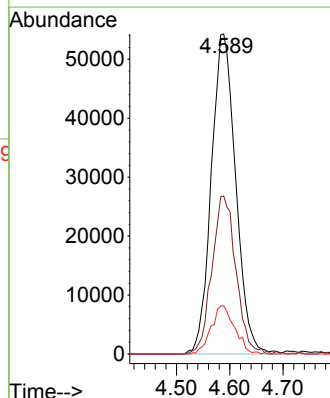
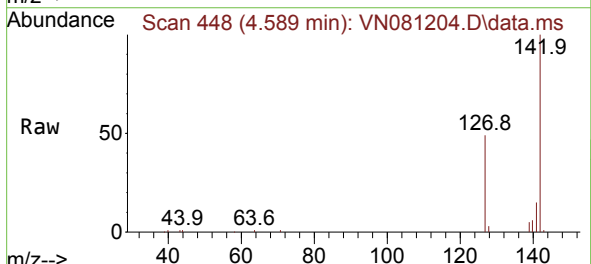
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01-20240221MS

Tgt Ion:101 Resp: 173510  
Ion Ratio Lower Upper  
101 100  
85 46.2 38.1 57.1  
151 70.3 49.1 73.7



#10  
Methyl Iodide  
Concen: 48.904 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:142 Resp: 172531  
Ion Ratio Lower Upper  
142 100  
127 49.4 37.0 55.4  
141 15.0 12.5 18.7

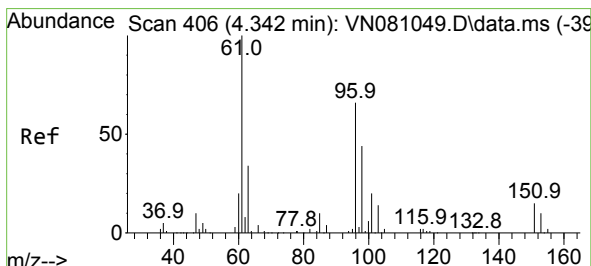
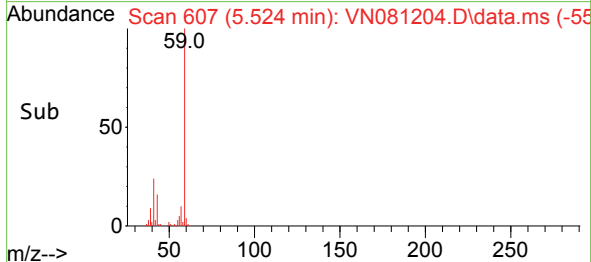
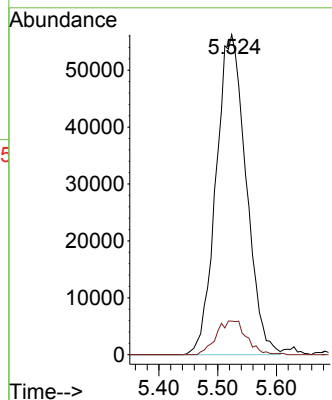
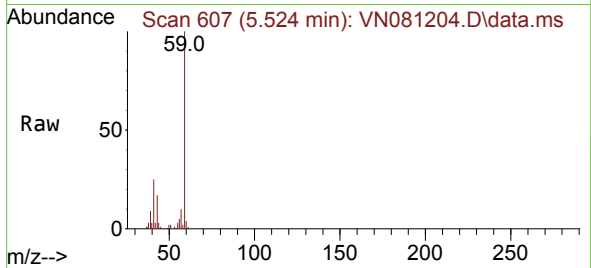




#11  
Tert butyl alcohol  
Concen: 327.163 ug/l  
RT: 5.524 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

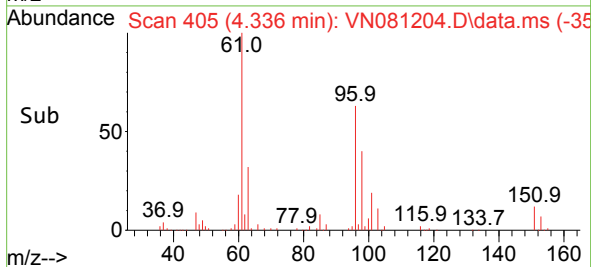
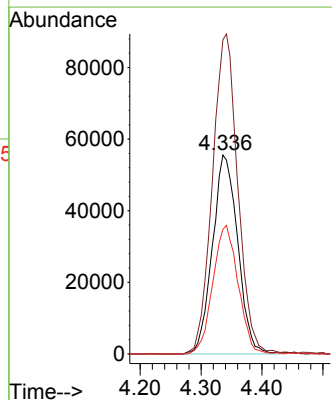
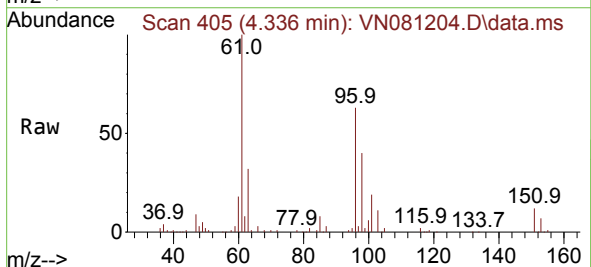
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01-20240221MS

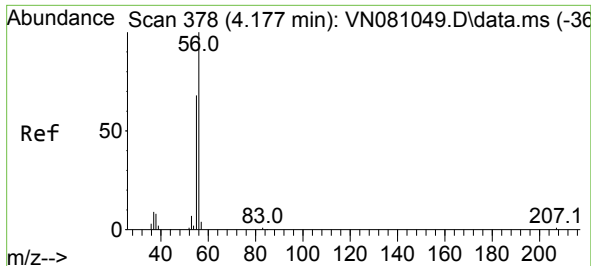
Tgt Ion: 59 Resp: 199241  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 52.482 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 96 Resp: 160345  
Ion Ratio Lower Upper  
96 100  
61 158.0 138.2 207.4  
98 62.7 49.2 73.8

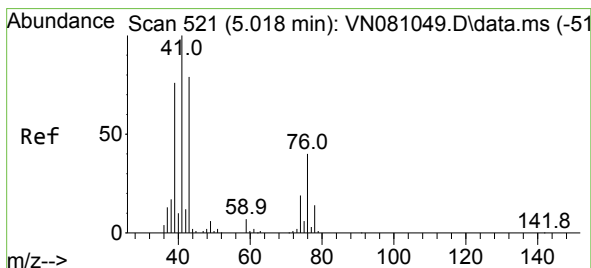
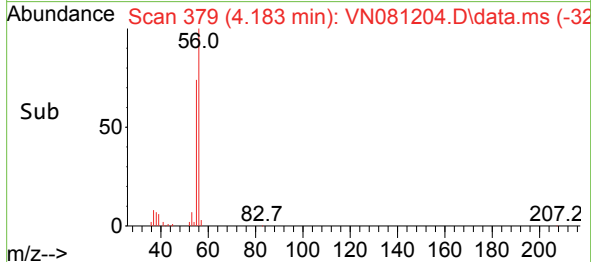
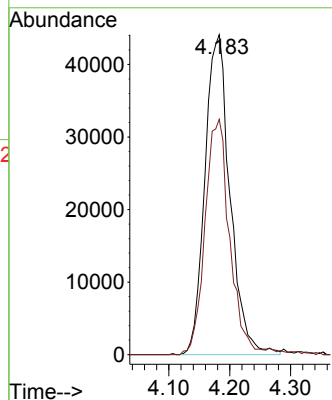
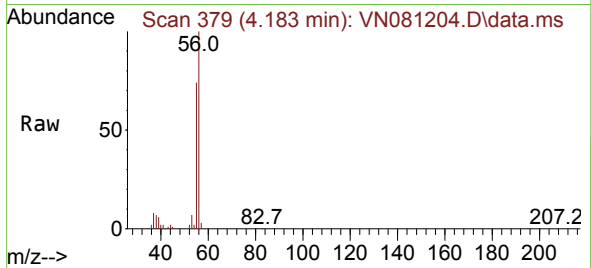




#13  
Acrolein  
Concen: 386.915 ug/l  
RT: 4.183 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

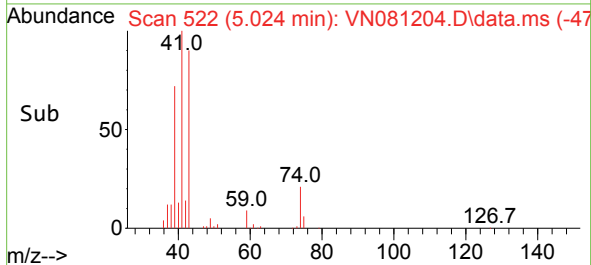
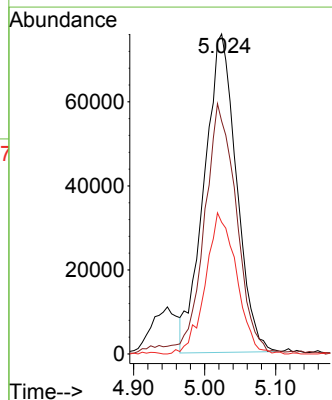
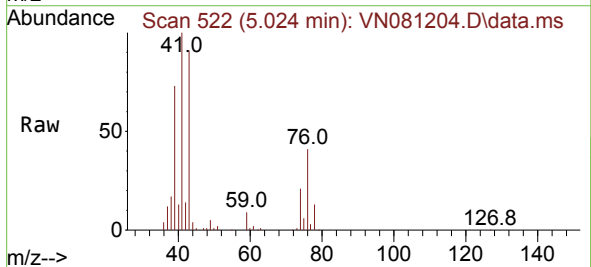
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

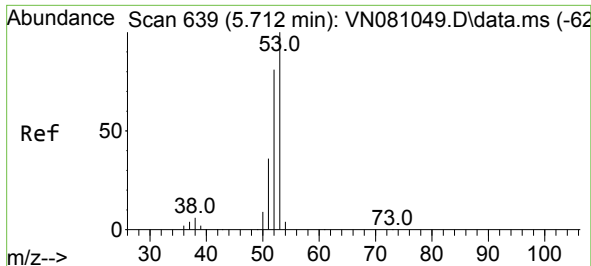
Tgt Ion: 56 Resp: 126292  
Ion Ratio Lower Upper  
56 100  
55 71.7 55.3 82.9



#14  
Allyl chloride  
Concen: 52.675 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 41 Resp: 238788  
Ion Ratio Lower Upper  
41 100  
39 80.2 57.7 86.5  
76 42.6 26.8 40.2#

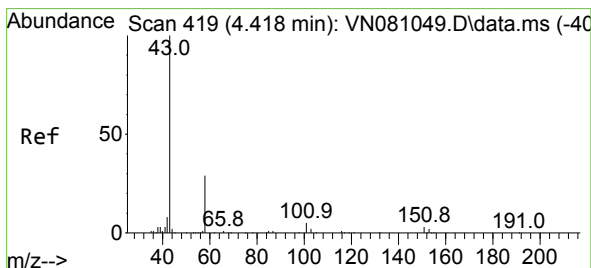
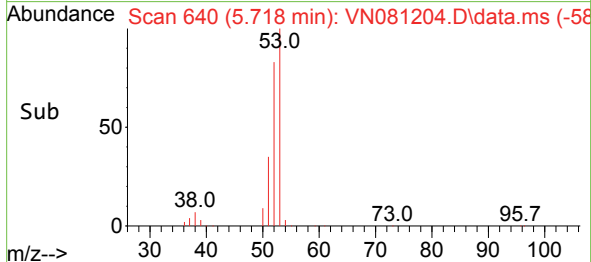
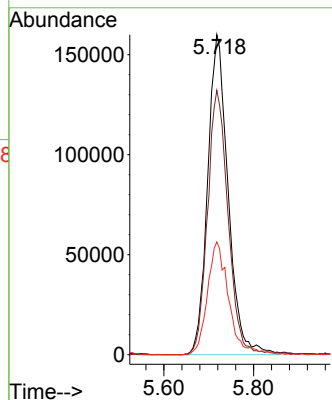
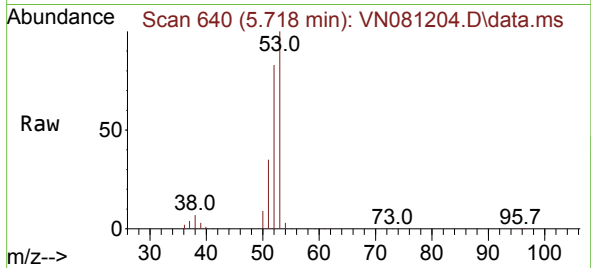




#15  
Acrylonitrile  
Concen: 318.629 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

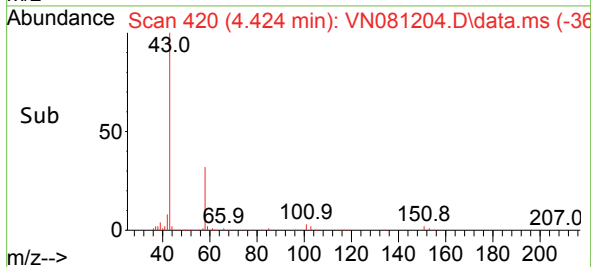
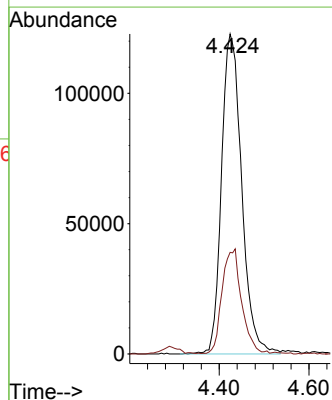
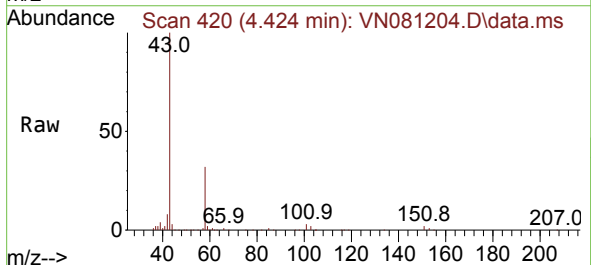
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

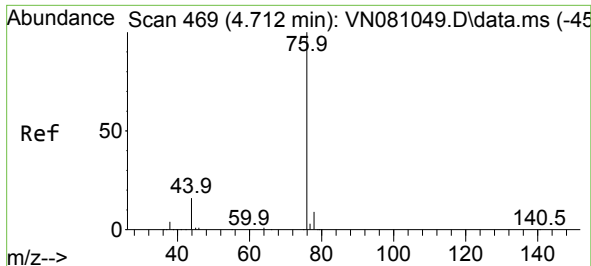
Tgt Ion: 53 Resp: 506777  
Ion Ratio Lower Upper  
53 100  
52 82.6 64.8 97.2  
51 36.7 26.9 40.3



#16  
Acetone  
Concen: 294.792 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 43 Resp: 384112  
Ion Ratio Lower Upper  
43 100  
58 31.4 24.8 37.2

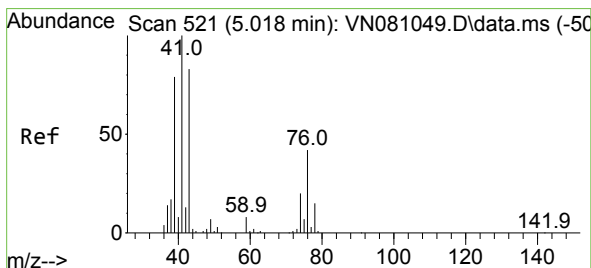
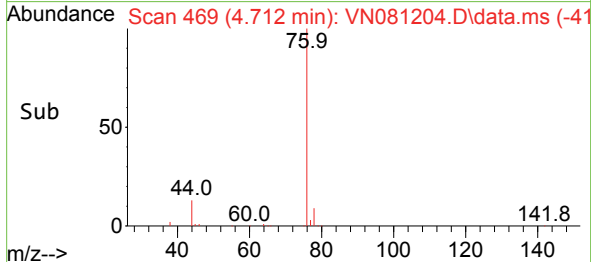
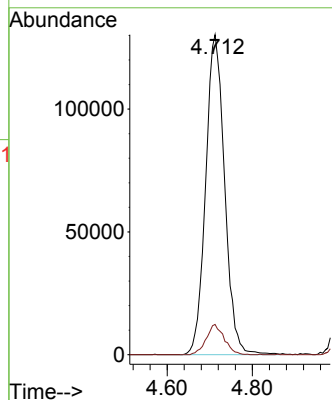
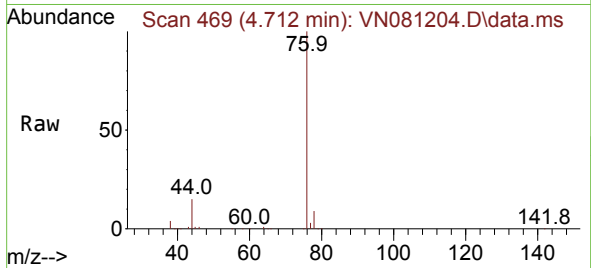




#17  
Carbon Disulfide  
Concen: 47.227 ug/l  
RT: 4.712 min Scan# 407  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

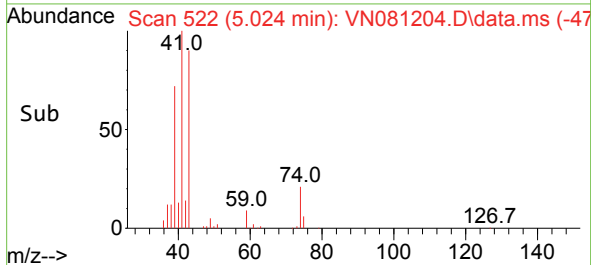
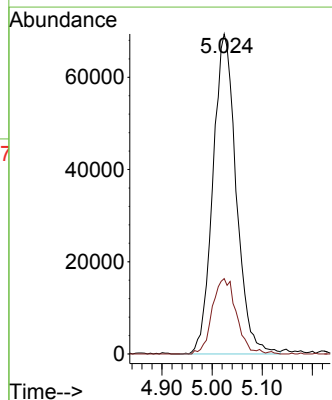
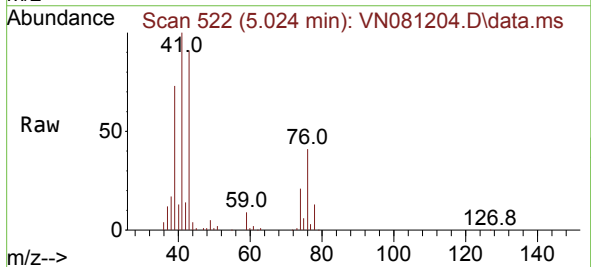
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ClientSampleId :  
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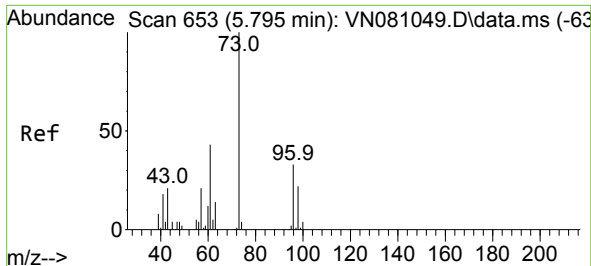
Tgt Ion: 76 Resp: 402454  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.3 9.5



#18  
Methyl Acetate  
Concen: 70.521 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 43 Resp: 224159  
Ion Ratio Lower Upper  
43 100  
74 24.3 17.3 25.9

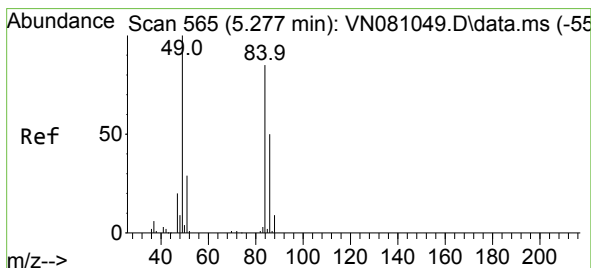
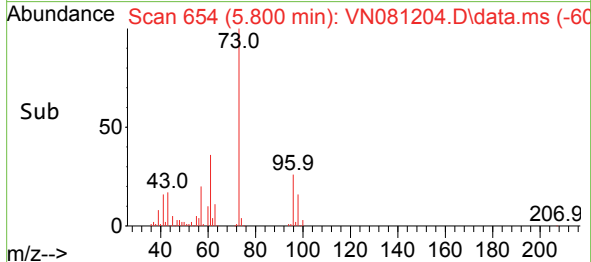
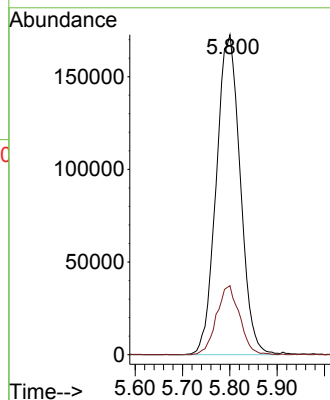
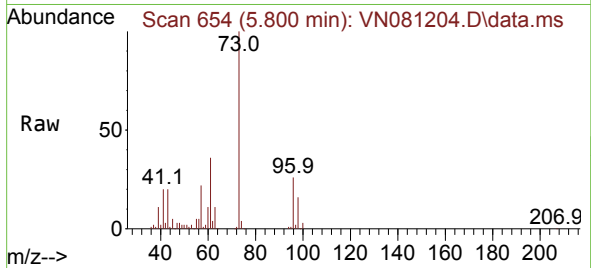




#19  
Methyl tert-butyl Ether  
Concen: 57.924 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

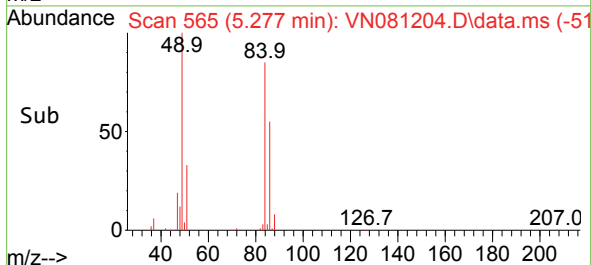
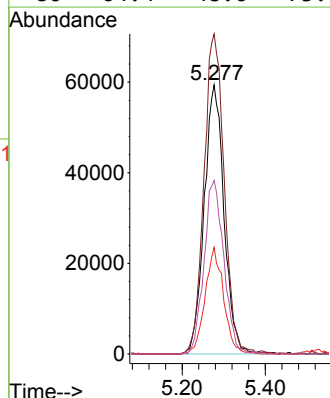
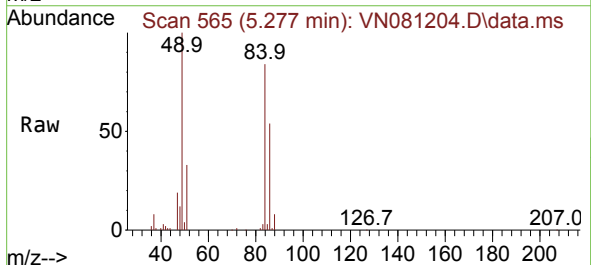
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

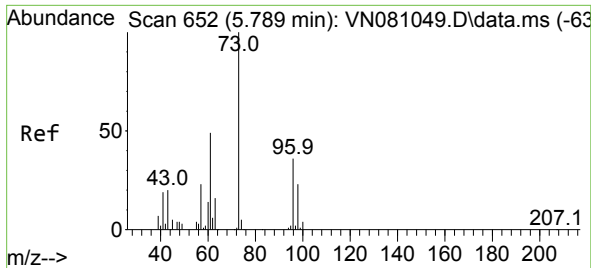
Tgt Ion: 73 Resp: 606117  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.2 27.4



#20  
Methylene Chloride  
Concen: 58.684 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 84 Resp: 197270  
Ion Ratio Lower Upper  
84 100  
49 118.9 108.1 162.1  
51 39.6 32.9 49.3  
86 64.4 48.6 73.0

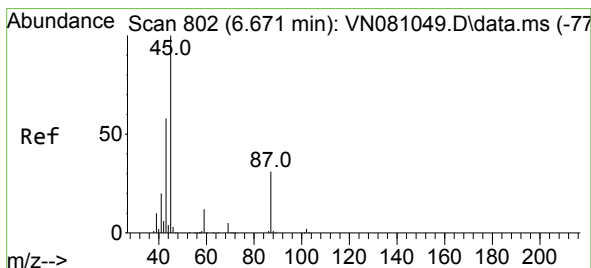
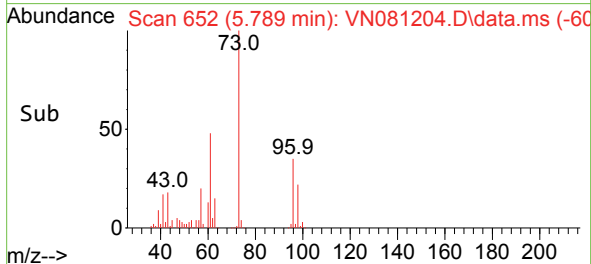
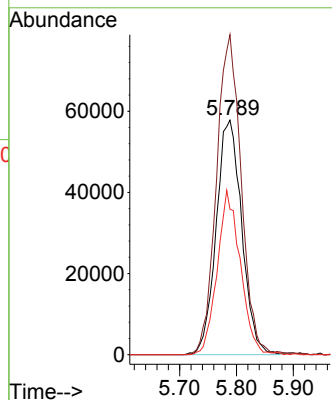
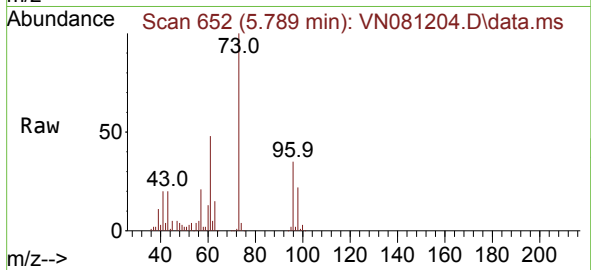




#21  
trans-1,2-Dichloroethene  
Concen: 52.996 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

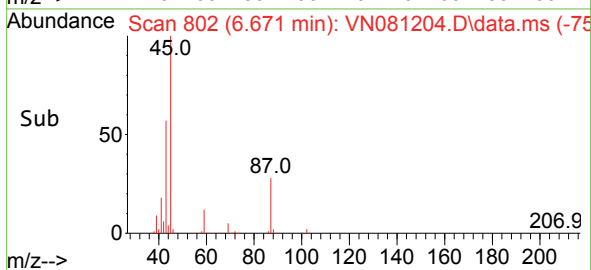
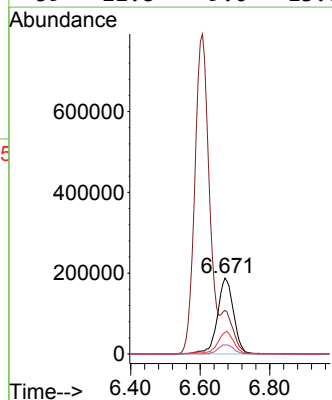
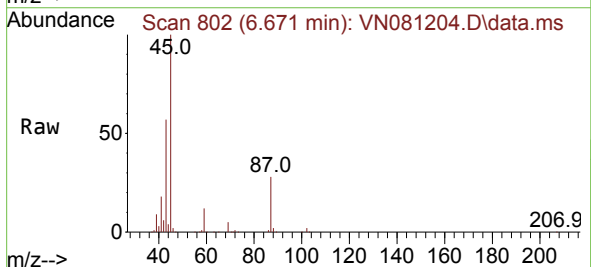
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ClientSampleId :  
RW10A-MW01I-20240221MS

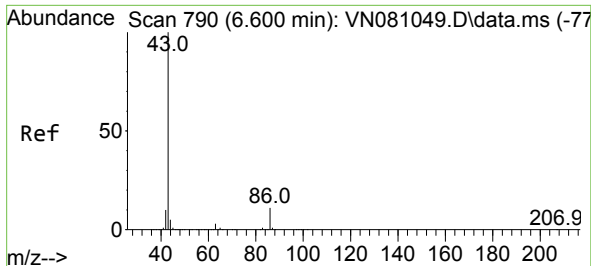
Tgt Ion: 96 Resp: 180649  
Ion Ratio Lower Upper  
96 100  
61 136.4 112.8 169.2  
98 62.0 51.0 76.4



#22  
Diisopropyl ether  
Concen: 58.712 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 45 Resp: 603753  
Ion Ratio Lower Upper  
45 100  
43 56.8 41.8 62.8  
87 28.5 18.1 27.1#  
59 11.8 9.0 13.6

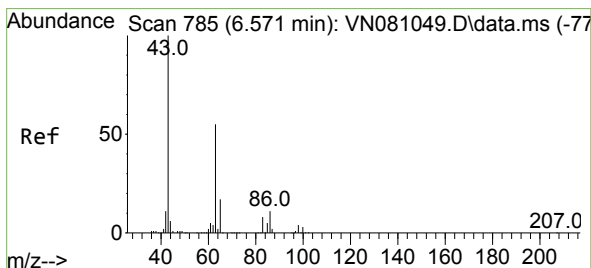
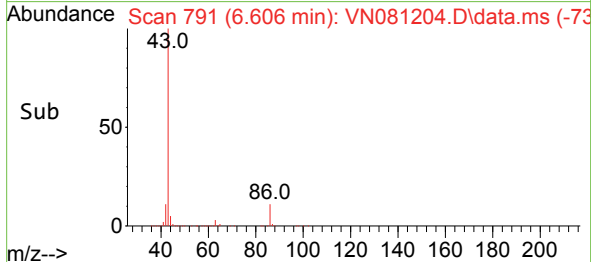
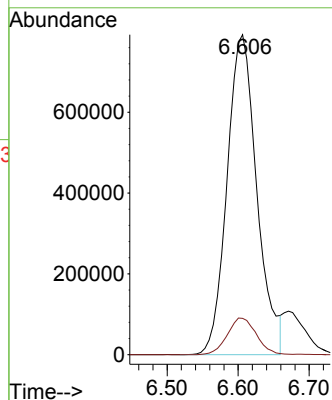
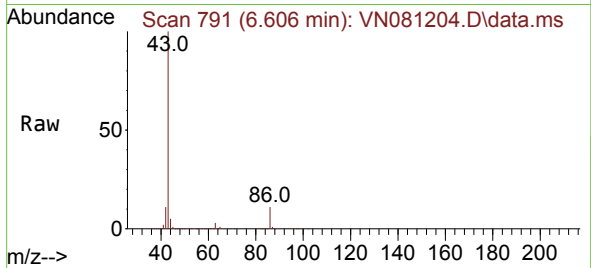




#23  
 Vinyl Acetate  
 Concen: 277.060 ug/l  
 RT: 6.606 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

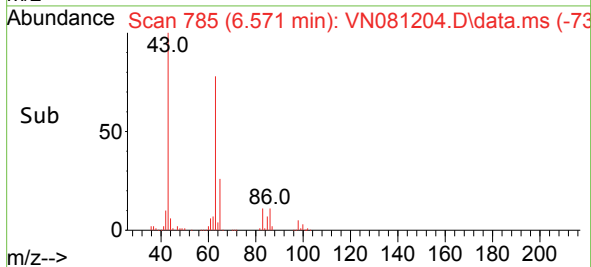
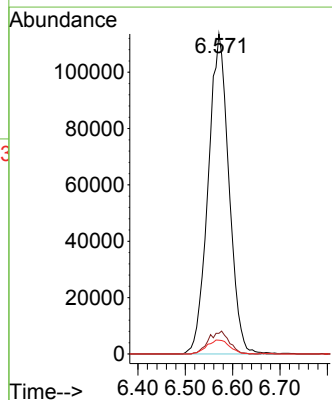
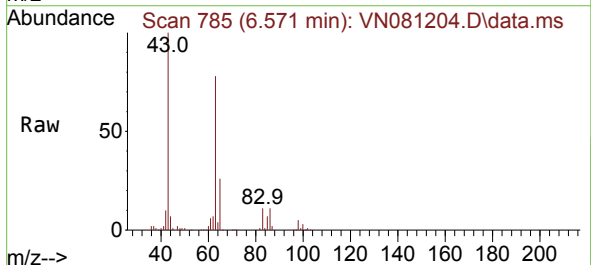
Instrument :  
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 RW10A-MW01I-20240221MS

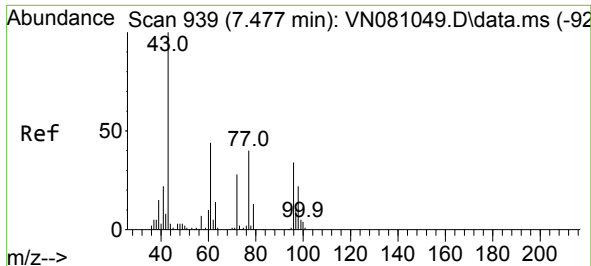
Tgt Ion: 43 Resp: 2311589  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 7.1 10.7#



#24  
 1,1-Dichloroethane  
 Concen: 58.108 ug/l  
 RT: 6.571 min Scan# 785  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Tgt Ion: 63 Resp: 345505  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 2.9 8.6  
 100 4.3 1.9 5.7

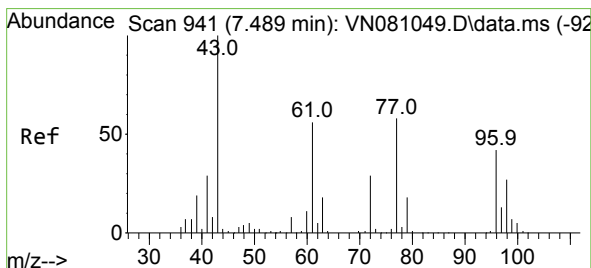
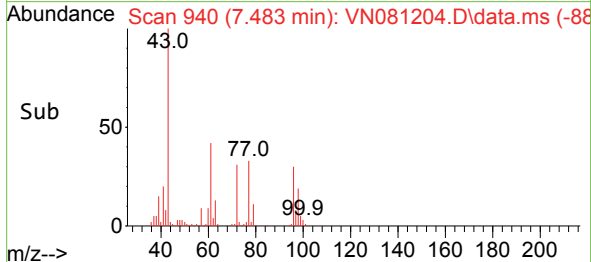
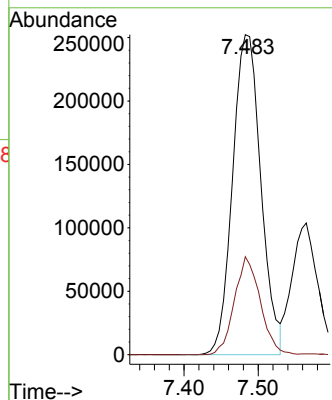
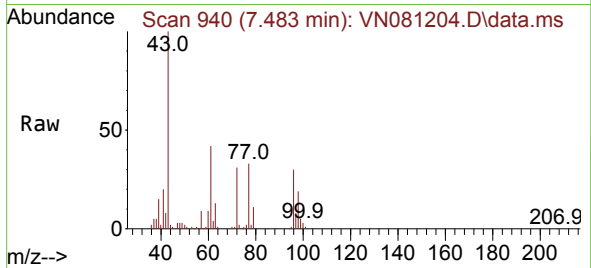




#25  
2-Butanone  
Concen: 317.938 ug/l  
RT: 7.483 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

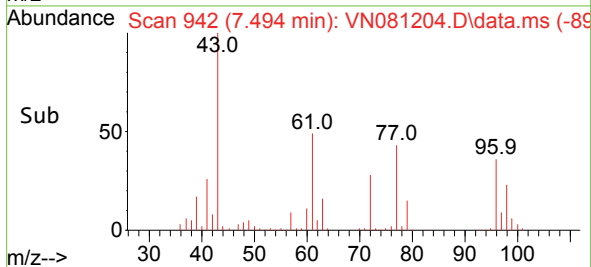
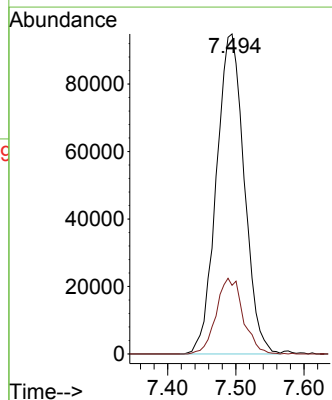
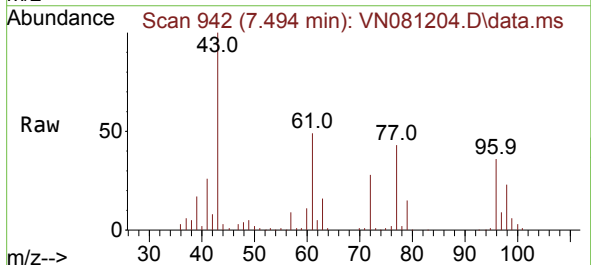
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

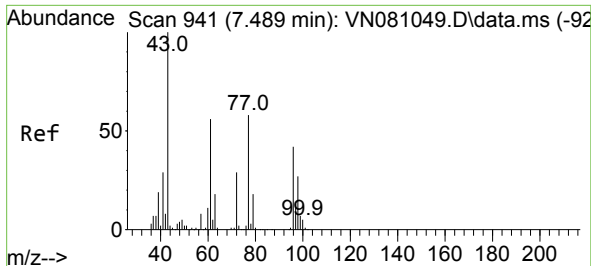
Tgt Ion: 43 Resp: 669268  
Ion Ratio Lower Upper  
43 100  
72 30.6 19.5 29.3#



#26  
2,2-Dichloropropane  
Concen: 48.348 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

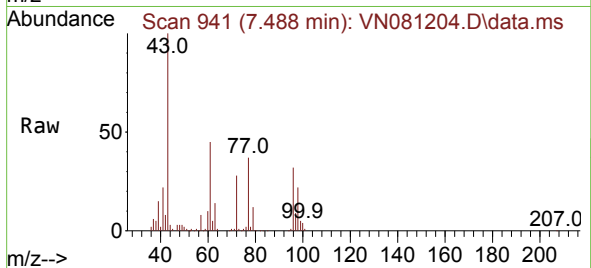
Tgt Ion: 77 Resp: 269360  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.5 34.5



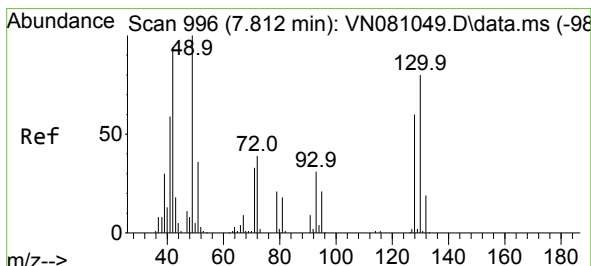
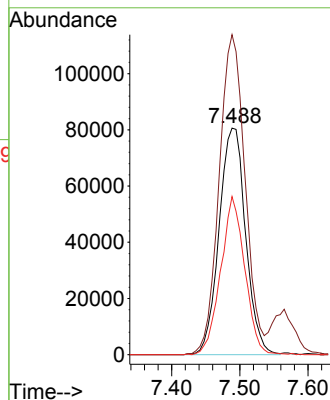
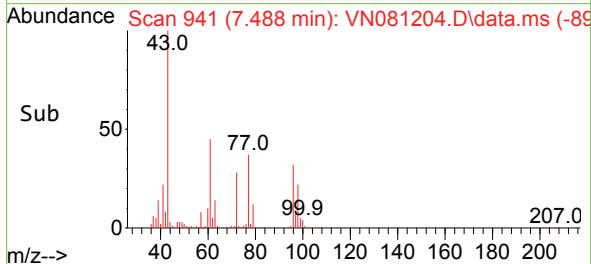


#27  
 cis-1,2-Dichloroethene  
 Concen: 55.158 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01-20240221MS

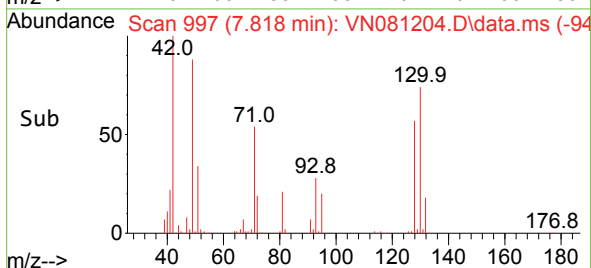
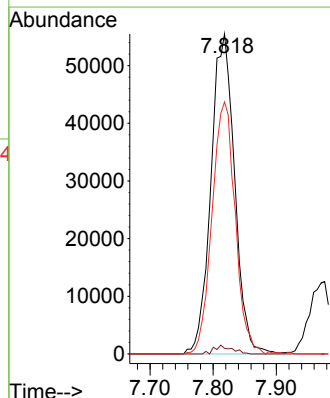
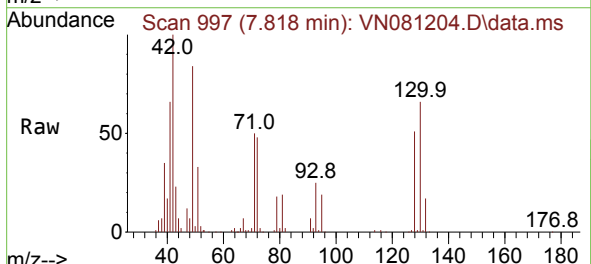


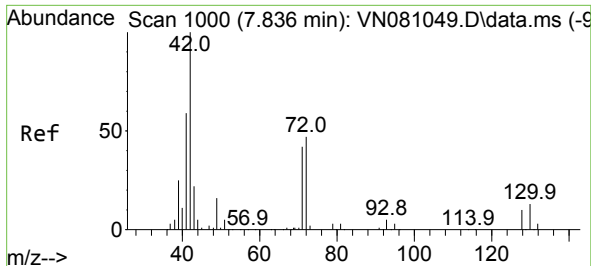
Tgt Ion: 96 Resp: 218449  
 Ion Ratio Lower Upper  
 96 100  
 61 137.8 0.0 325.4  
 98 63.4 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 58.584 ug/l  
 RT: 7.818 min Scan# 997  
 Delta R.T. 0.006 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Tgt Ion: 49 Resp: 144412  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 1.6#  
 130 77.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 326.129 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS

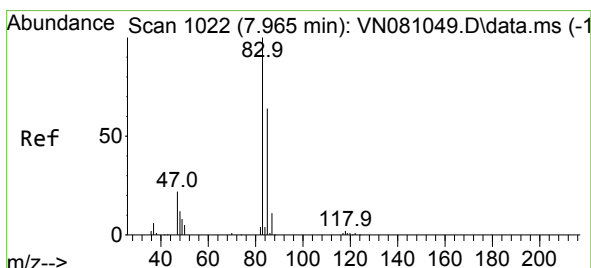
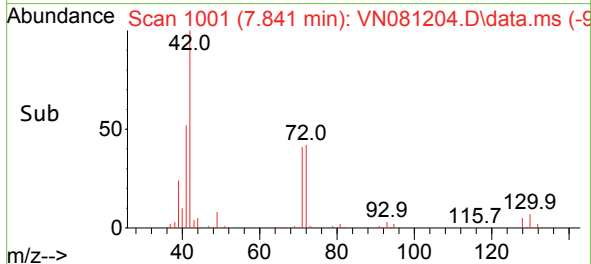
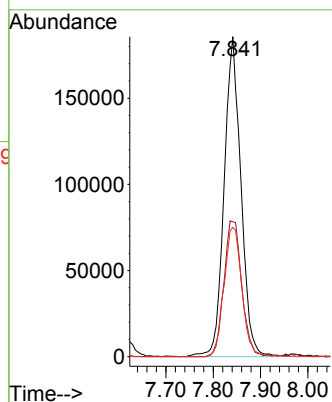
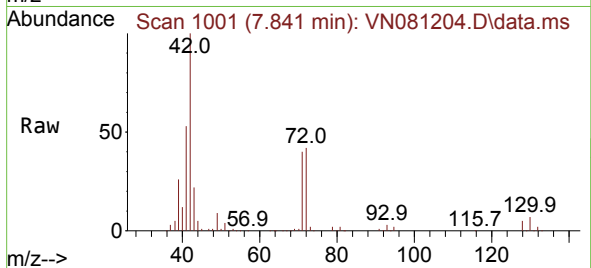
Tgt Ion: 42 Resp: 458278

Ion Ratio Lower Upper

42 100

72 44.8 31.1 46.7

71 42.9 28.3 42.5#



#30

Chloroform

Concen: 57.982 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081204.D

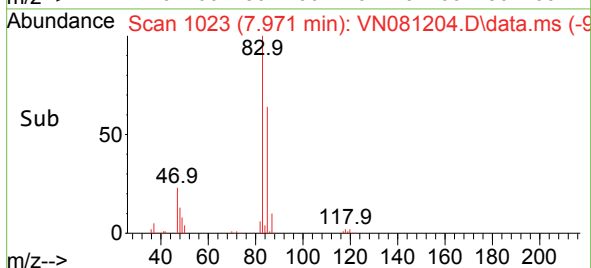
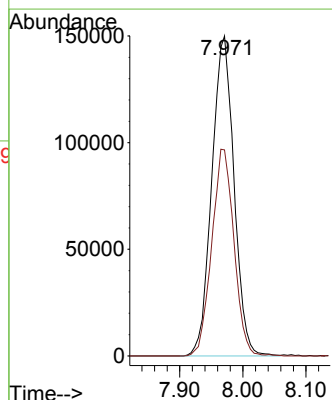
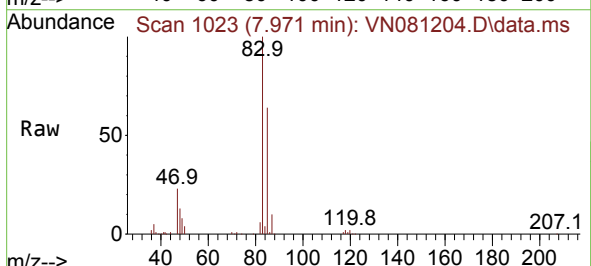
Acq: 26 Feb 2024 18:52

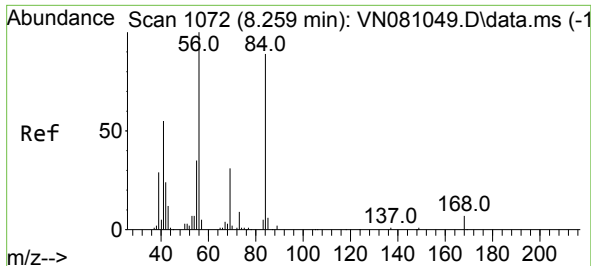
Tgt Ion: 83 Resp: 366508

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

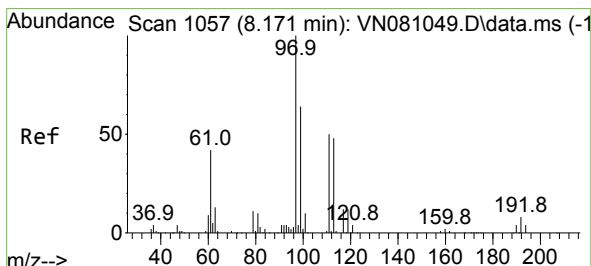
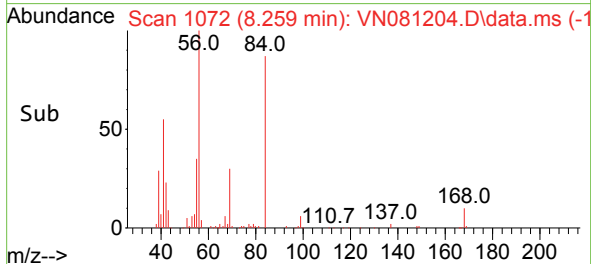
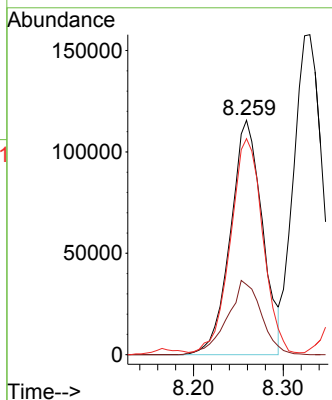
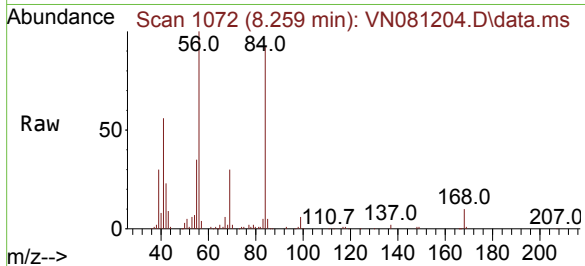




#31  
Cyclohexane  
Concen: 50.034 ug/l  
RT: 8.259 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

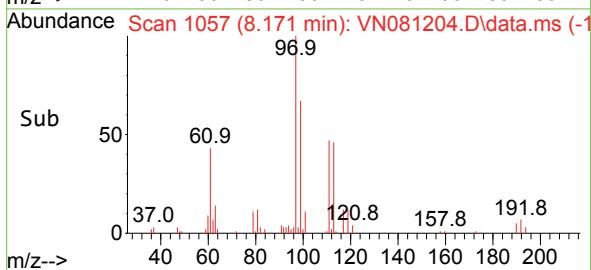
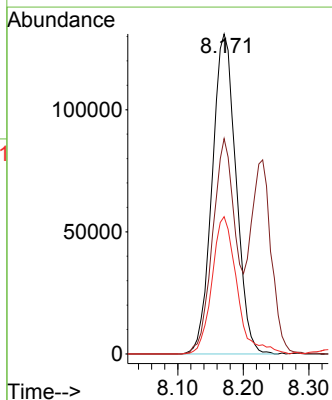
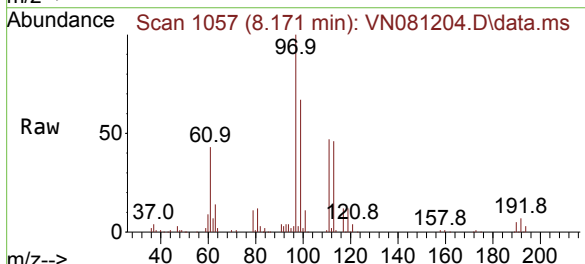
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

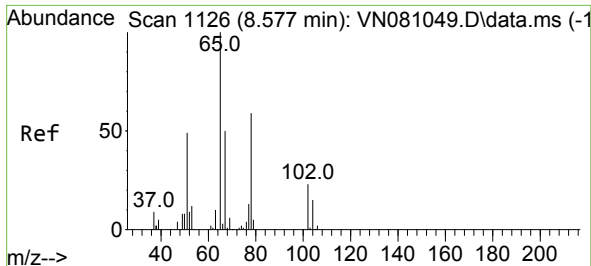
Tgt Ion: 56 Resp: 286088  
Ion Ratio Lower Upper  
56 100  
69 29.9 20.1 30.1  
84 90.4 56.9 85.3#



#32  
1,1,1-Trichloroethane  
Concen: 57.480 ug/l  
RT: 8.171 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 97 Resp: 330901  
Ion Ratio Lower Upper  
97 100  
99 65.2 53.4 80.0  
61 44.8 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

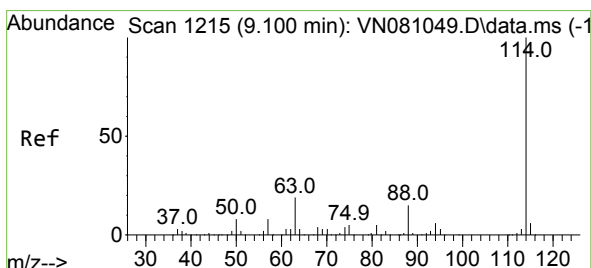
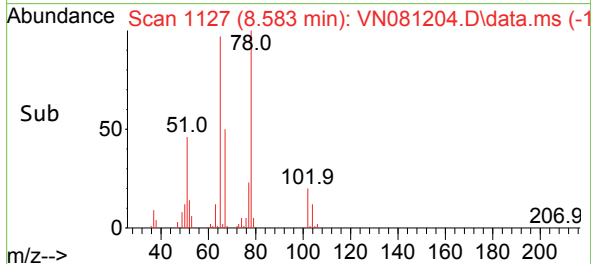
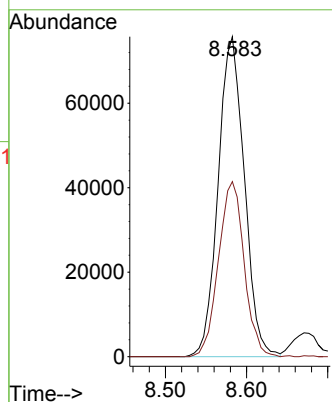
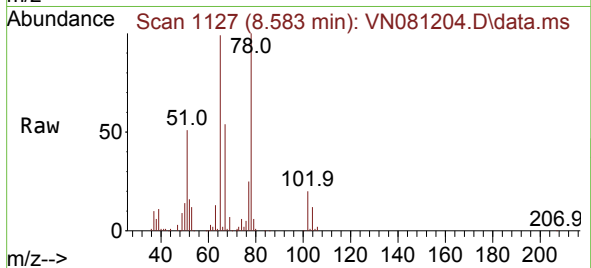
RW10A-MW01I-20240221MS

Tgt Ion: 65 Resp: 169908

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

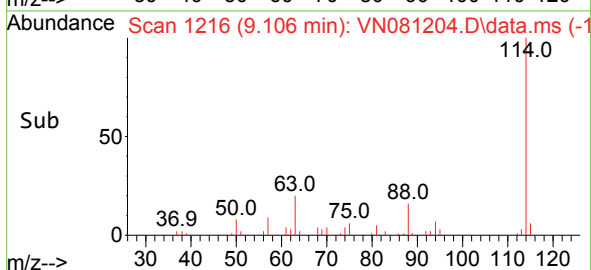
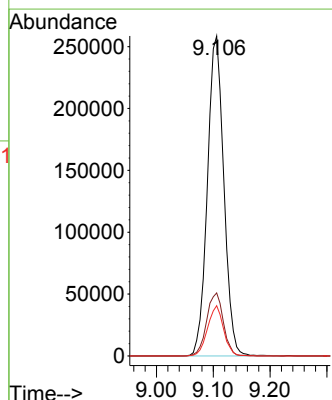
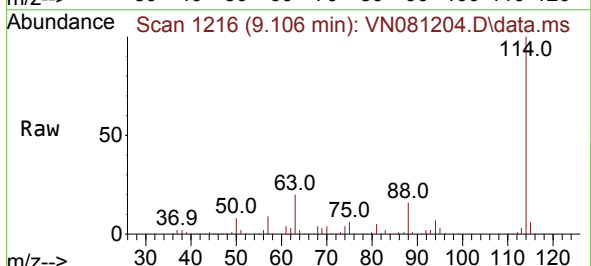
Tgt Ion:114 Resp: 517294

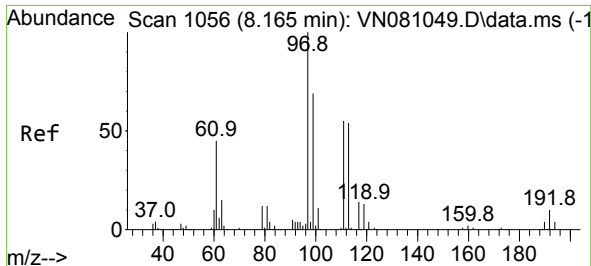
Ion Ratio Lower Upper

114 100

63 19.7 0.0 48.0

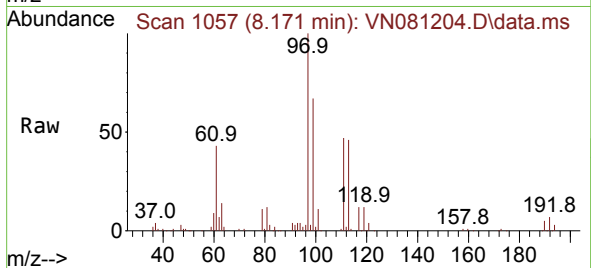
88 15.7 0.0 34.8



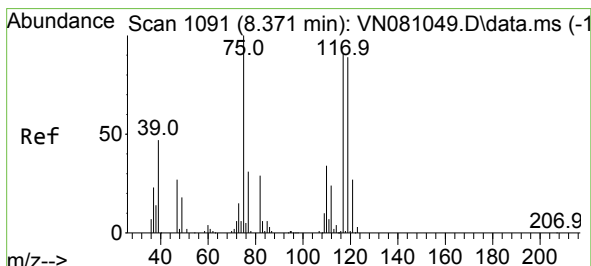
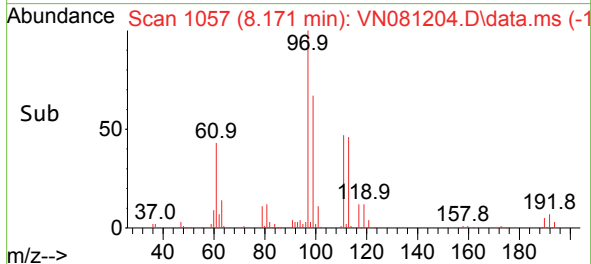
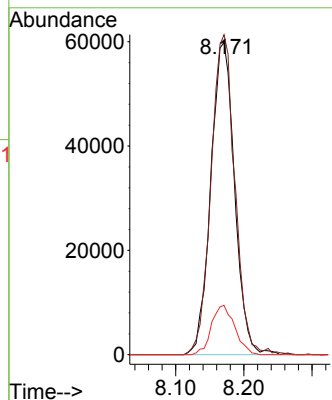


#35  
Dibromofluoromethane  
Concen: 49.700 ug/l  
RT: 8.171 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

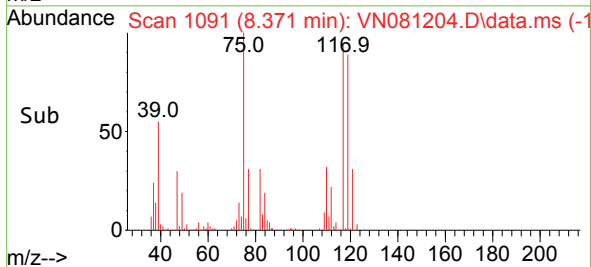
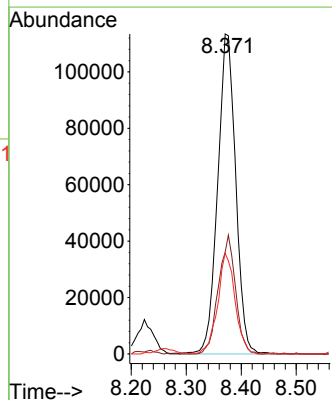
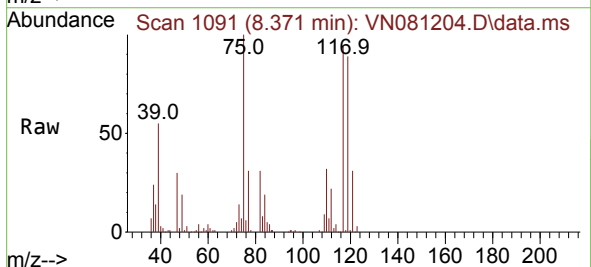


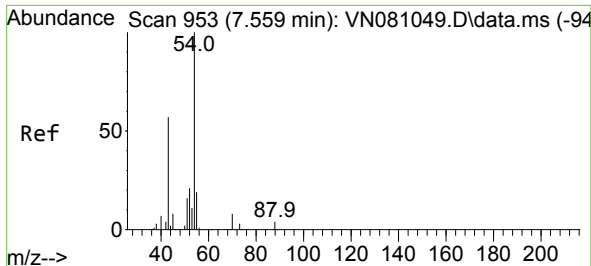
Tgt Ion:113 Resp: 145380  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.4  
192 15.5 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 51.599 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 75 Resp: 258584  
Ion Ratio Lower Upper  
75 100  
110 35.3 16.0 48.0  
77 30.5 25.8 38.6





#37

Ethyl Acetate

Concen: 56.339 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081204.D

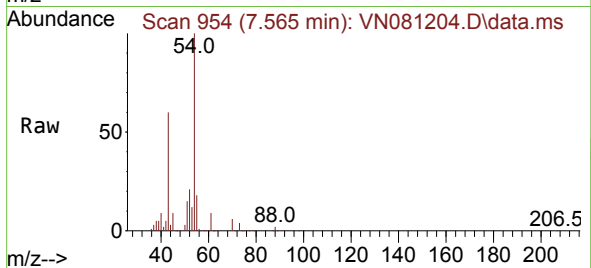
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS



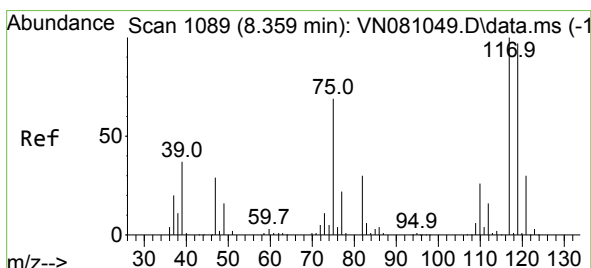
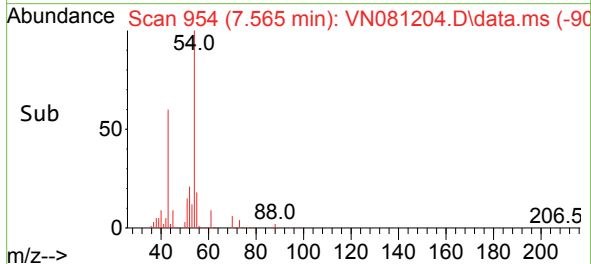
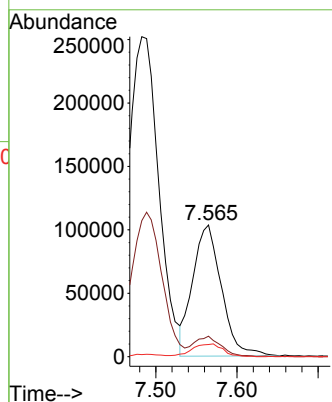
Tgt Ion: 43 Resp: 254810

Ion Ratio Lower Upper

43 100

61 14.9 10.6 15.8

70 10.6 8.0 12.0



#38

Carbon Tetrachloride

Concen: 54.628 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

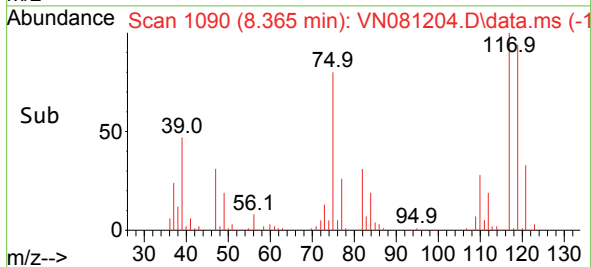
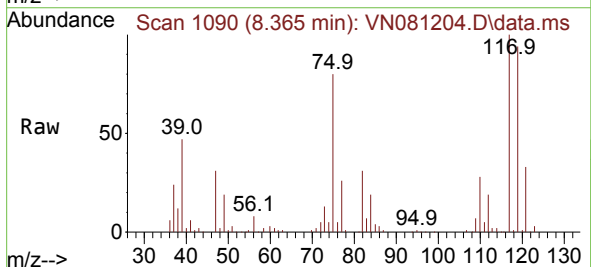
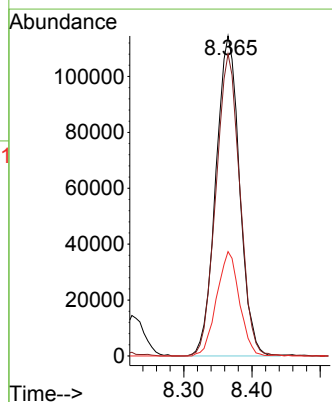
Tgt Ion: 117 Resp: 276973

Ion Ratio Lower Upper

117 100

119 94.4 73.4 110.2

121 32.6 24.4 36.6





#39

Methylcyclohexane

Concen: 50.933 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081204.D

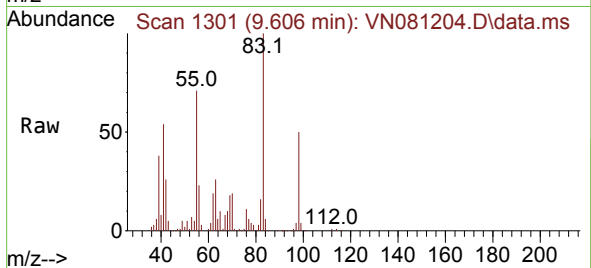
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS



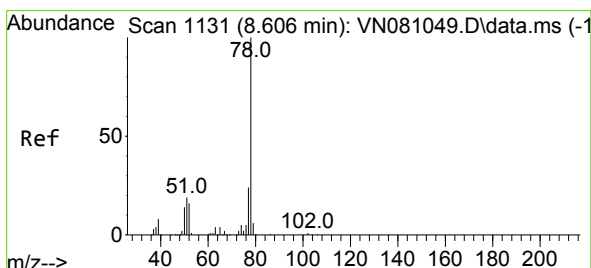
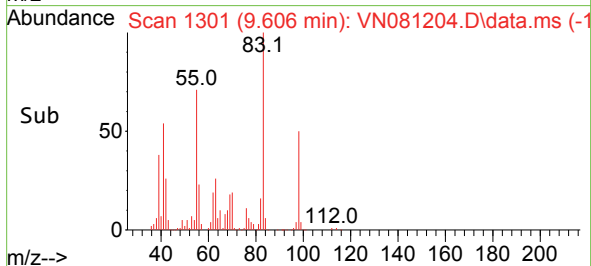
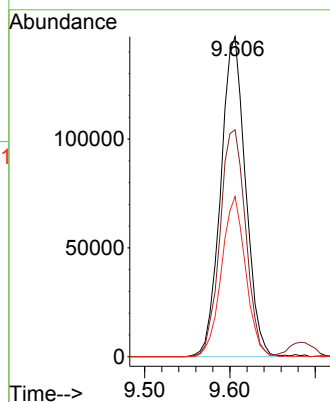
Tgt Ion: 83 Resp: 297545

Ion Ratio Lower Upper

83 100

55 70.9 65.7 98.5

98 50.0 33.8 50.6



#40

Benzene

Concen: 54.246 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081204.D

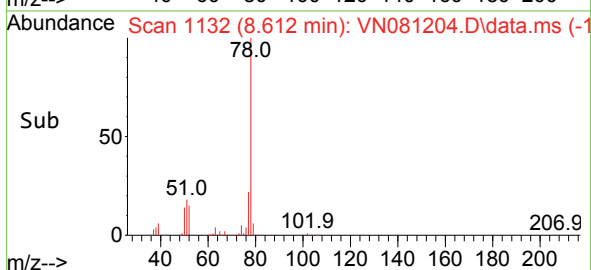
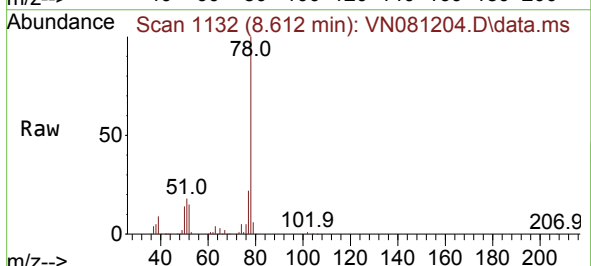
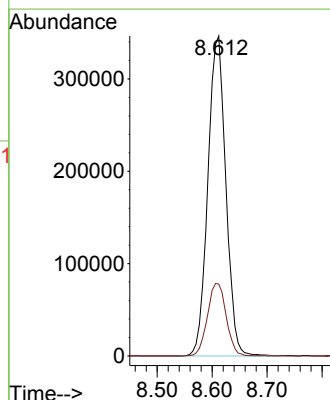
Acq: 26 Feb 2024 18:52

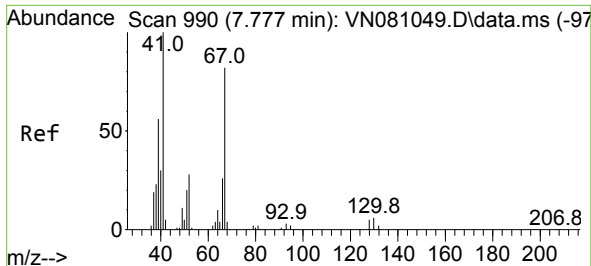
Tgt Ion: 78 Resp: 786865

Ion Ratio Lower Upper

78 100

77 22.5 20.4 30.6

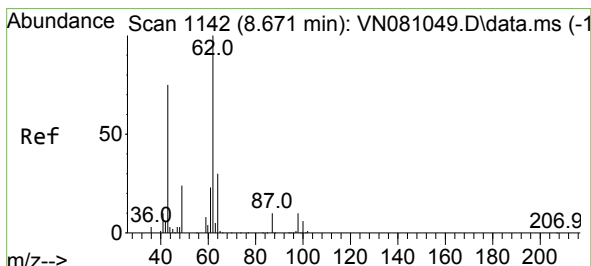
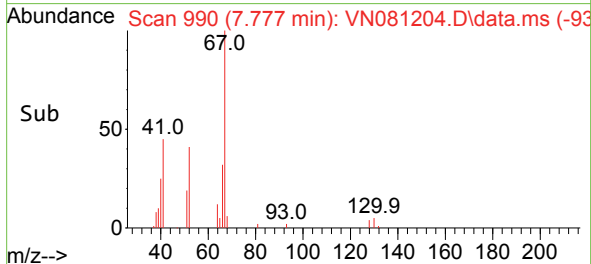
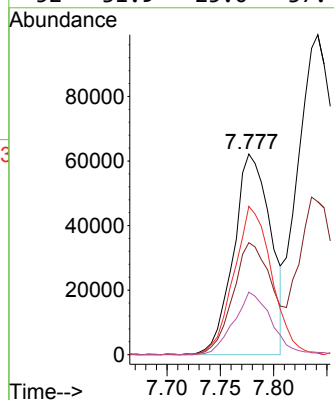
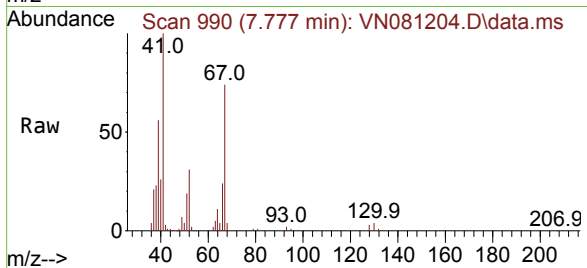




#41  
Methacrylonitrile  
Concen: 58.623 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

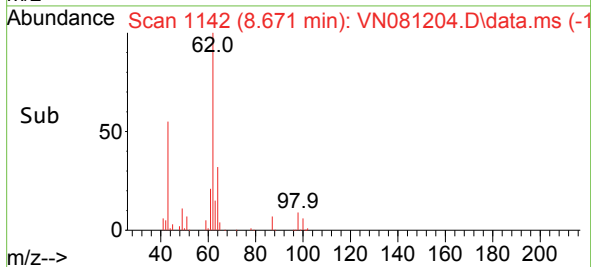
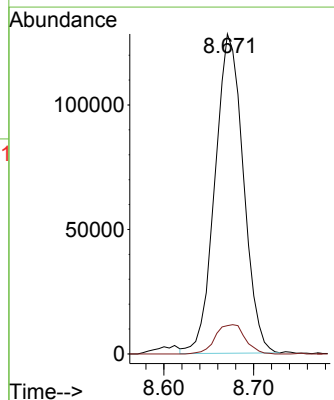
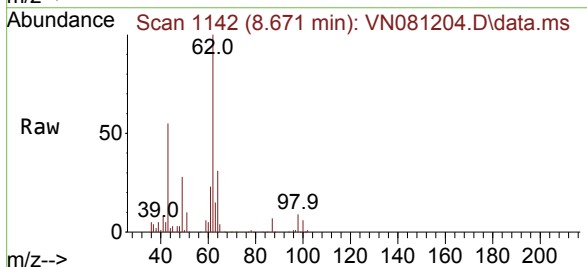
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

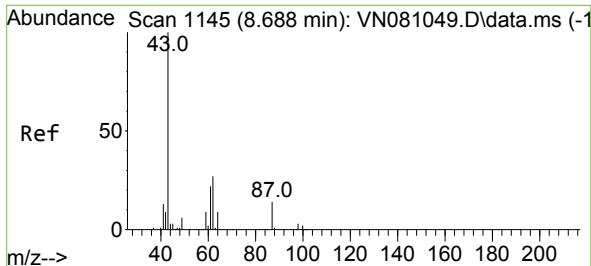
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 150898 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 60.9  | 48.4  | 72.6   |
| 67       | 75.3  | 56.8  | 85.2   |
| 52       | 31.9  | 25.0  | 37.4   |



#42  
1,2-Dichloroethane  
Concen: 55.713 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 281948 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.7   | 0.0   | 18.0   |

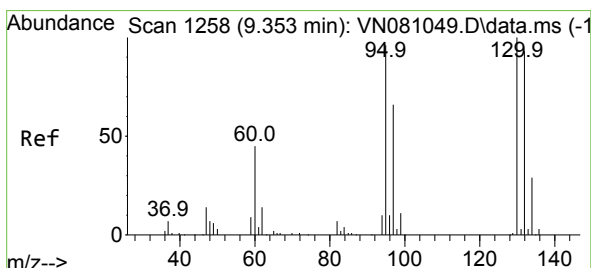
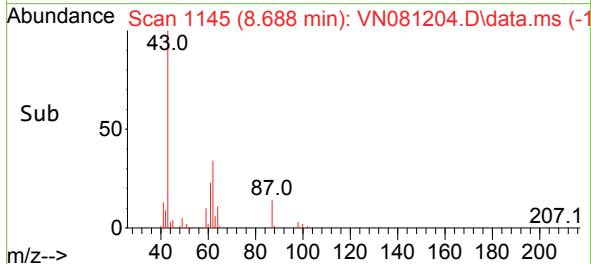
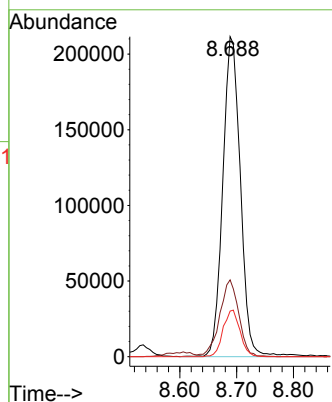
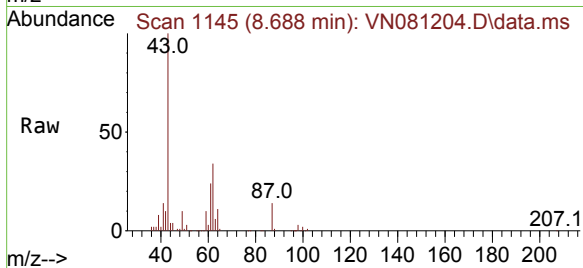




#43  
Isopropyl Acetate  
Concen: 57.540 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

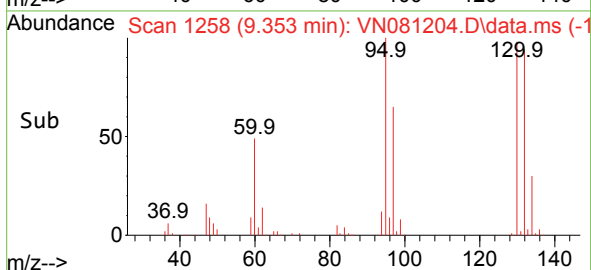
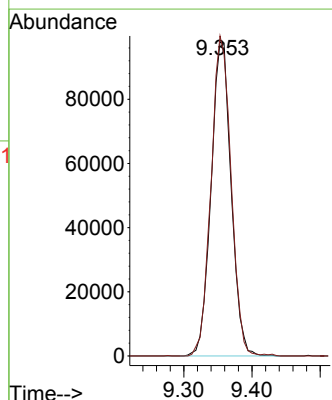
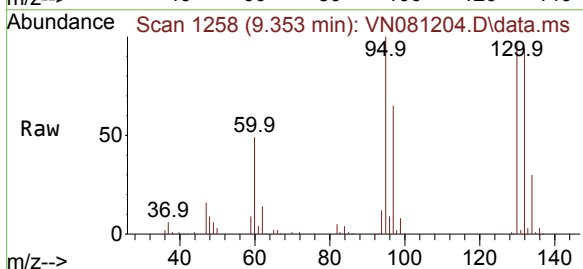
Instrument : MSVOA\_N  
ClientSampleId : RW10A-MW01I-20240221MS

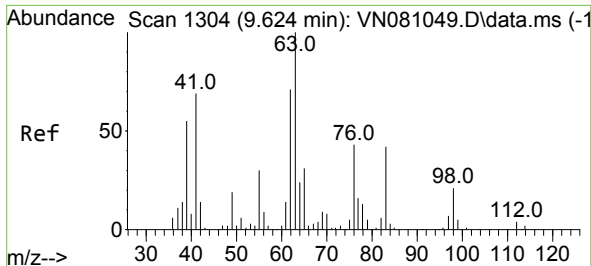
Tgt Ion: 43 Resp: 455147  
Ion Ratio Lower Upper  
43 100  
61 26.1 19.9 29.9  
87 14.0 9.0 13.6#



#44  
Trichloroethene  
Concen: 51.895 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:130 Resp: 200494  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 210.4

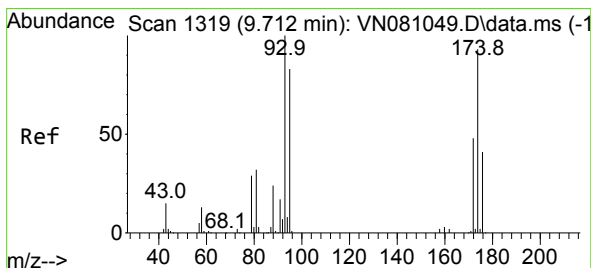
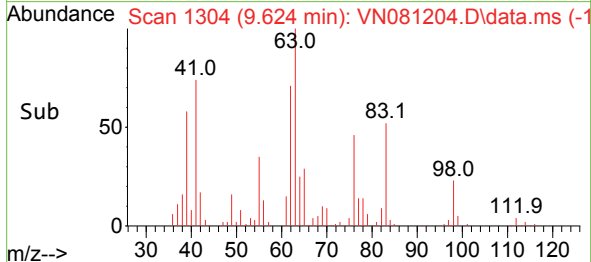
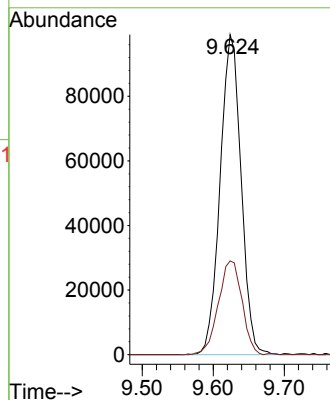
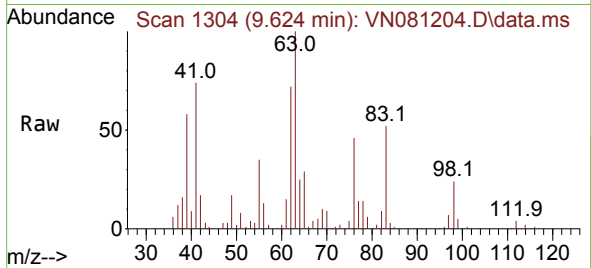




#45  
1,2-Dichloropropane  
Concen: 55.878 ug/l  
RT: 9.624 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

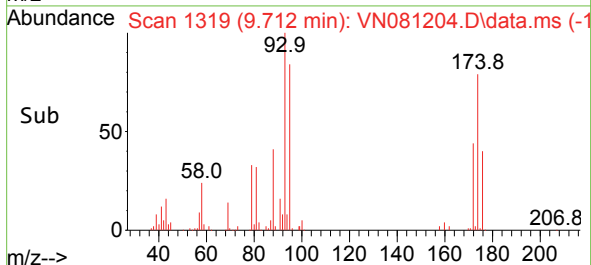
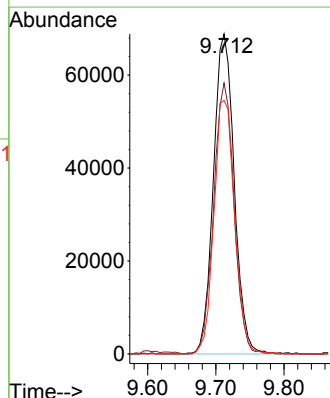
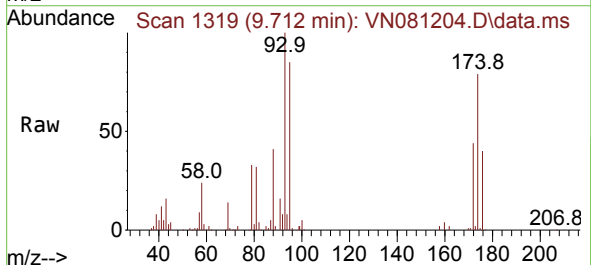
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

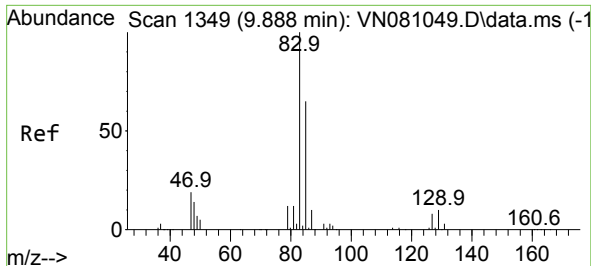
Tgt Ion: 63 Resp: 202752  
Ion Ratio Lower Upper  
63 100  
65 29.3 26.1 39.1



#46  
Dibromomethane  
Concen: 55.231 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 93 Resp: 146016  
Ion Ratio Lower Upper  
93 100  
95 83.1 68.1 102.1  
174 79.2 57.2 85.8

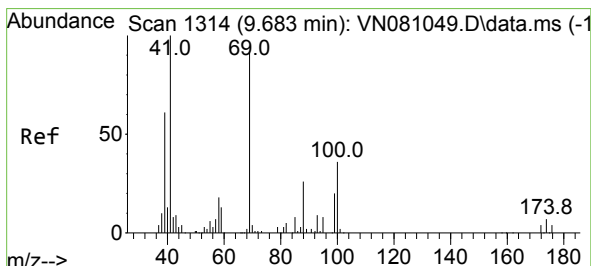
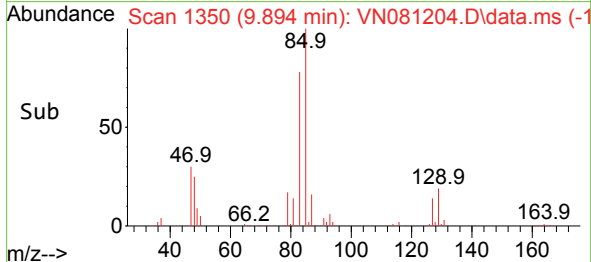
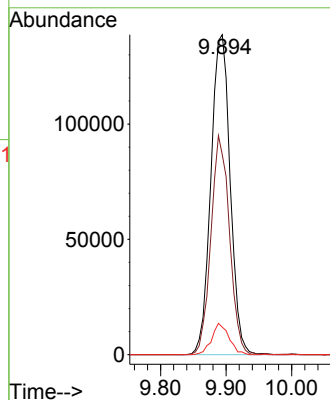
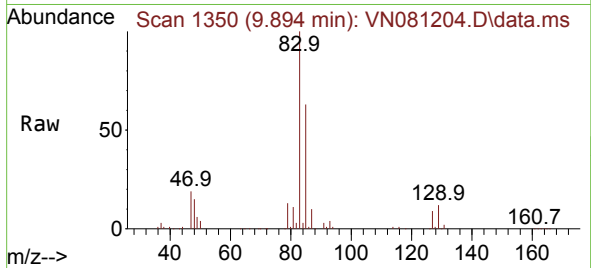




#47  
Bromodichloromethane  
Concen: 56.557 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

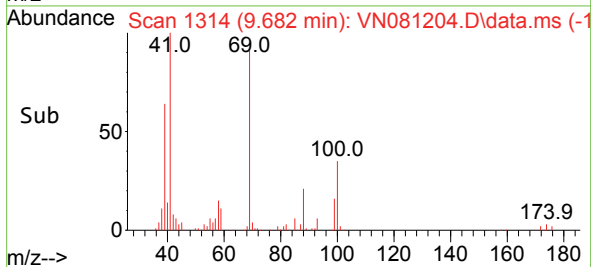
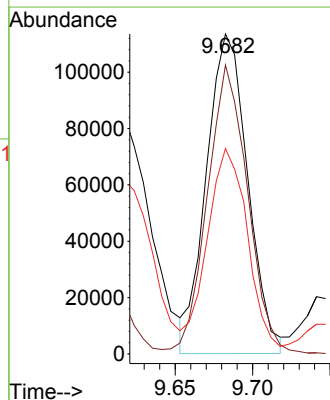
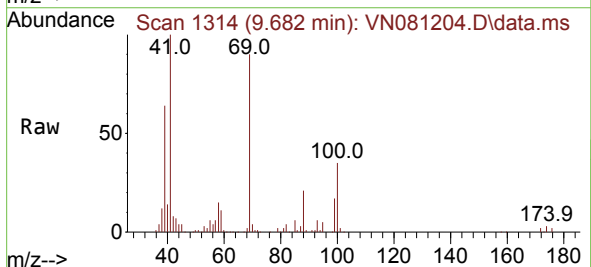
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

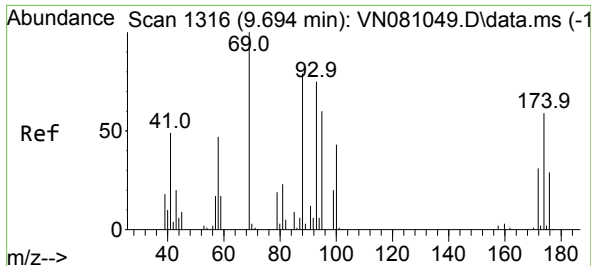
Tgt Ion: 83 Resp: 283186  
Ion Ratio Lower Upper  
83 100  
85 62.5 52.3 78.5  
127 8.6 4.6 7.0#



#48  
Methyl methacrylate  
Concen: 57.101 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 41 Resp: 210169  
Ion Ratio Lower Upper  
41 100  
69 88.5 62.2 93.2  
39 63.4 47.6 71.4





#49

1,4-Dioxane

Concen: 1388.252 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081204.D

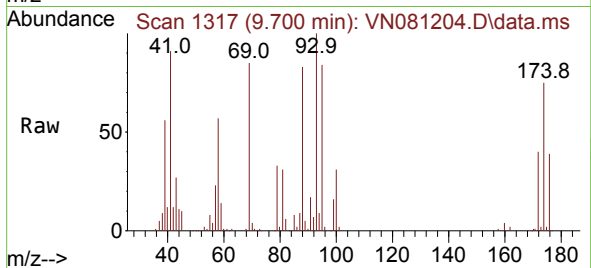
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS



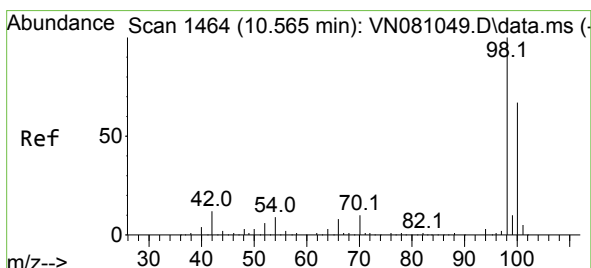
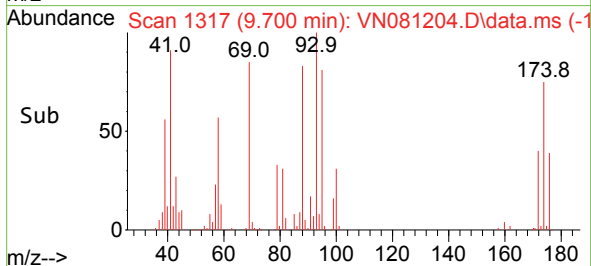
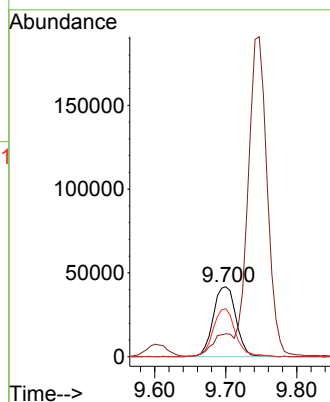
Tgt Ion: 88 Resp: 92978

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 67.4 63.9 95.9



#50

Toluene-d8

Concen: 46.306 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081204.D

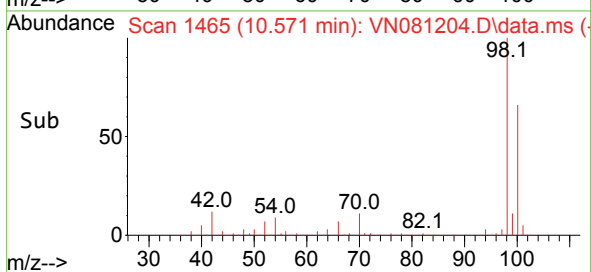
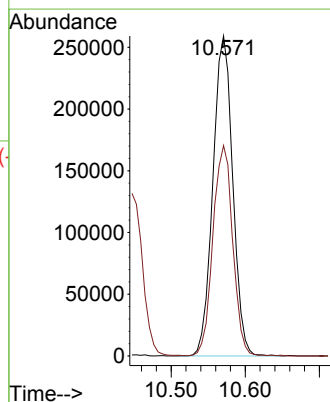
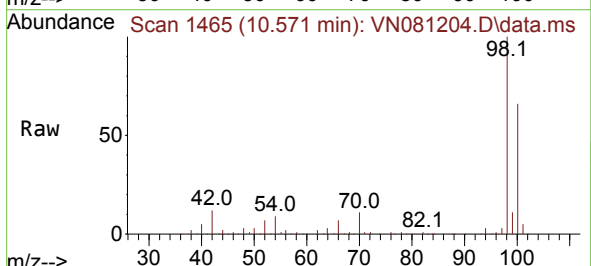
Acq: 26 Feb 2024 18:52

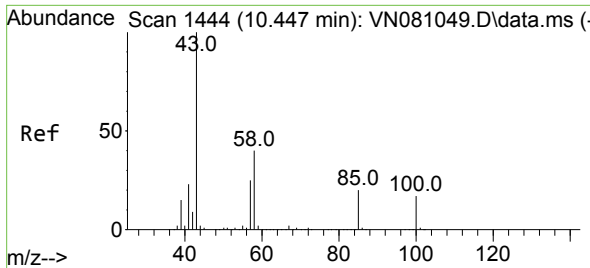
Tgt Ion: 98 Resp: 481091

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

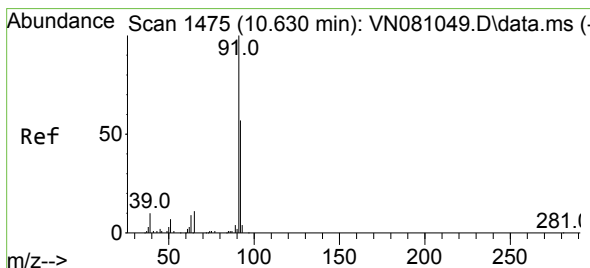
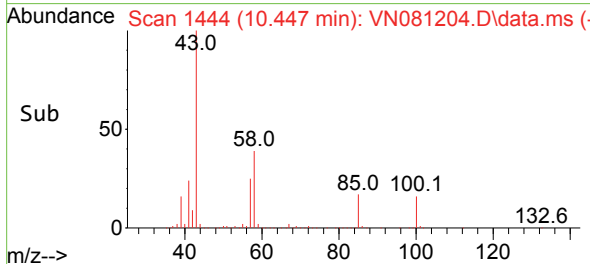
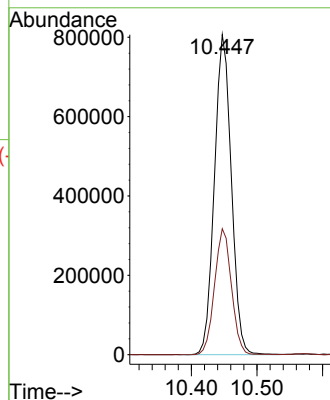
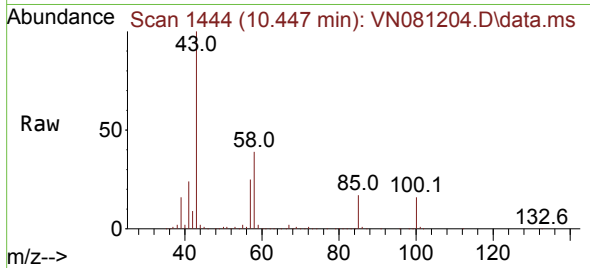




#51  
4-Methyl-2-Pentanone  
Concen: 317.778 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

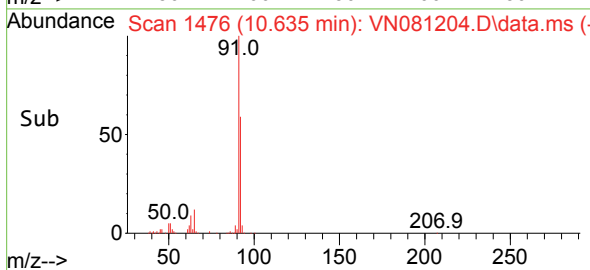
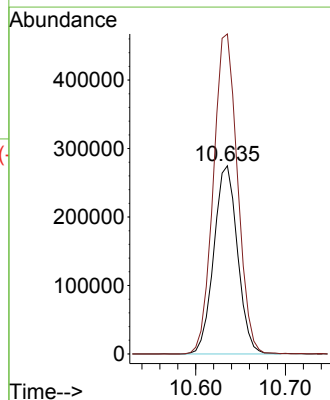
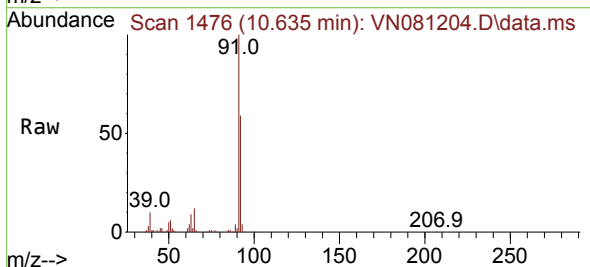
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

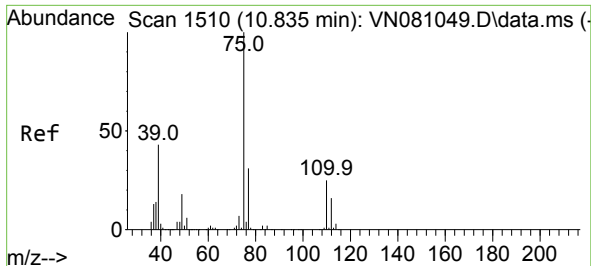
Tgt Ion: 43 Resp: 1445990  
Ion Ratio Lower Upper  
43 100  
58 39.3 29.4 44.0



#52  
Toluene  
Concen: 54.776 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 92 Resp: 503007  
Ion Ratio Lower Upper  
92 100  
91 173.6 139.4 209.0

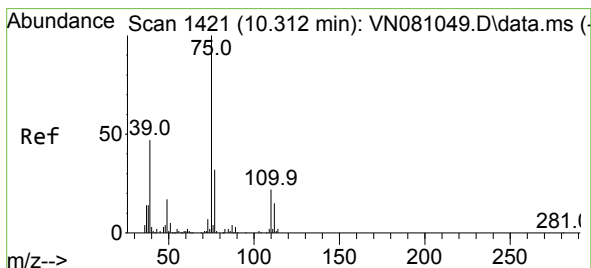
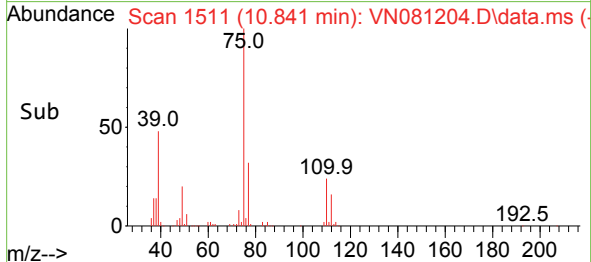
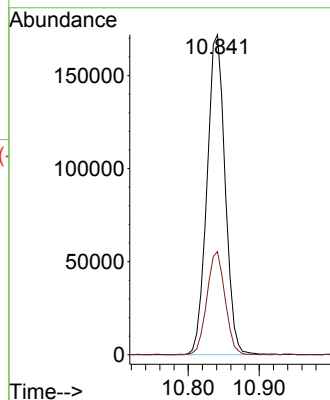
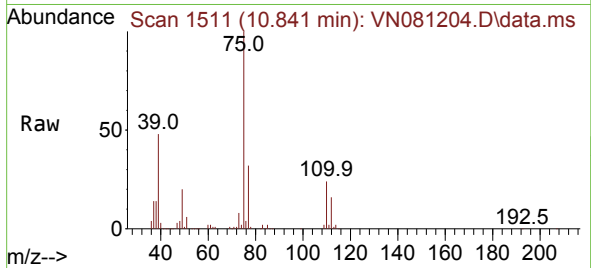




#53  
 t-1,3-Dichloropropene  
 Concen: 54.820 ug/l  
 RT: 10.841 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

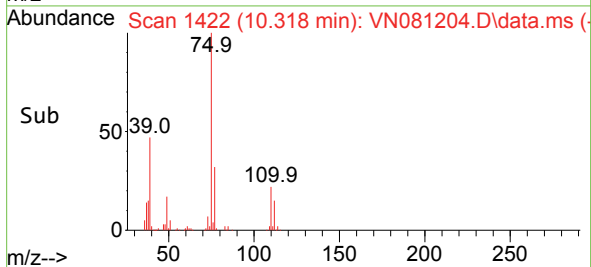
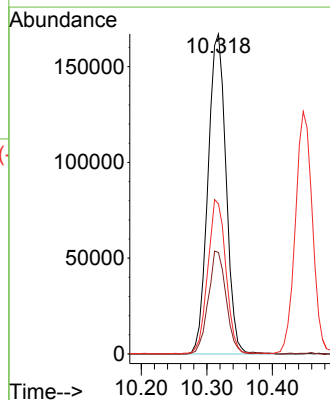
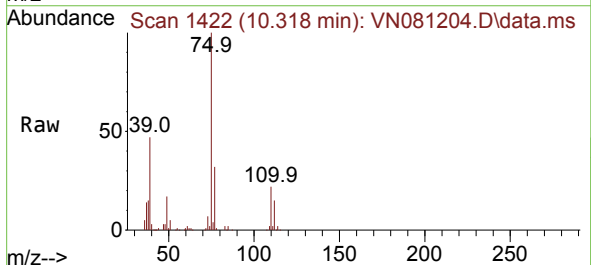
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

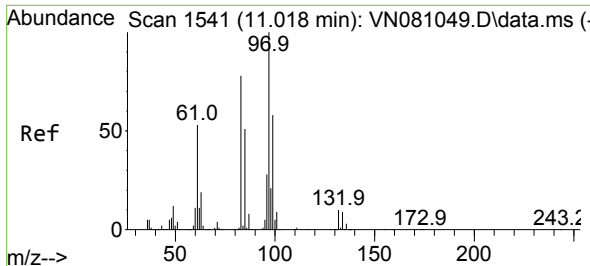
Tgt Ion: 75 Resp: 305030  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.5 38.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.295 ug/l  
 RT: 10.318 min Scan# 1422  
 Delta R.T. 0.006 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Tgt Ion: 75 Resp: 320392  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 23.3 34.9  
 39 46.9 44.6 66.8

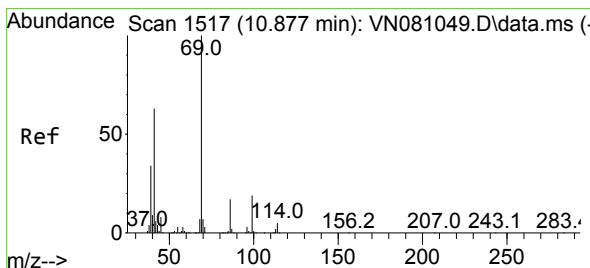
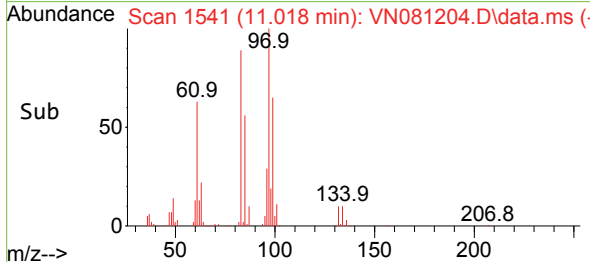
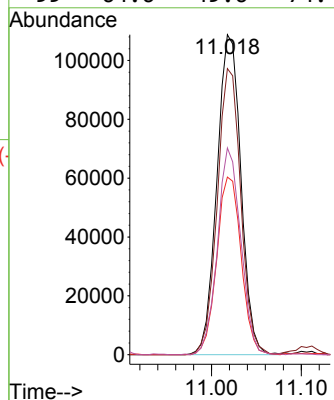
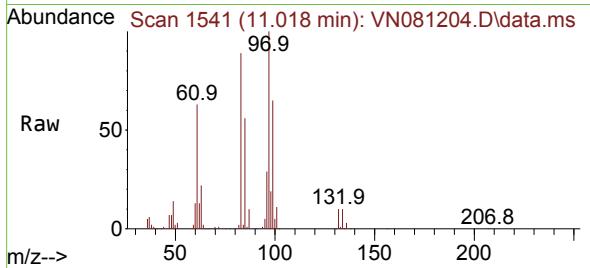




#55  
1,1,2-Trichloroethane  
Concen: 57.146 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

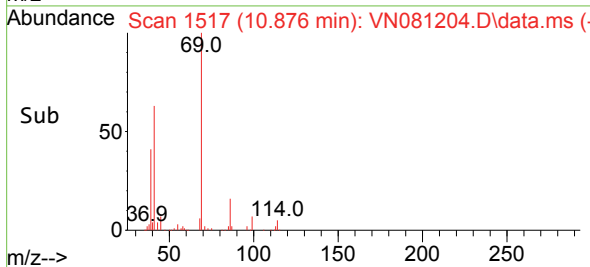
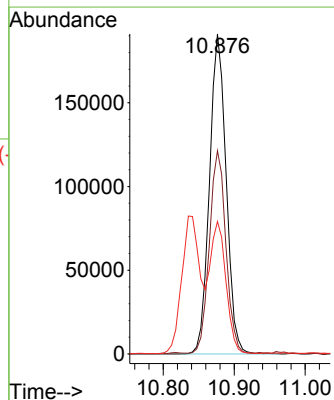
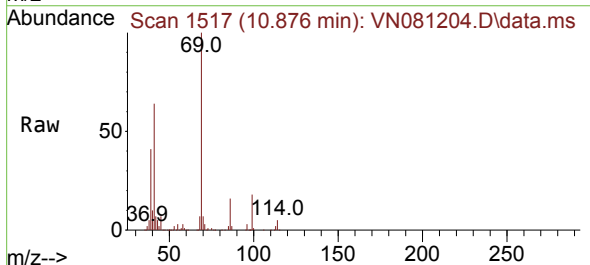
Instrument : MSVOA\_N  
ClientSampleId : RW10A-MW01-20240221MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 201836 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 89.4  | 72.9  | 109.3  |
| 85       | 55.5  | 50.2  | 75.2   |
| 99       | 64.6  | 49.6  | 74.4   |



#56  
Ethyl methacrylate  
Concen: 57.765 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 311813 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.7  | 61.0  | 91.6   |
| 39       | 39.0  | 31.8  | 47.6   |





#57

1,3-Dichloropropane

Concen: 57.671 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

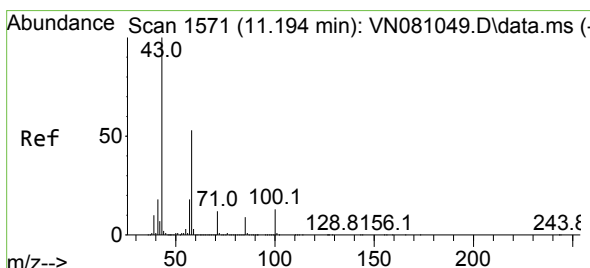
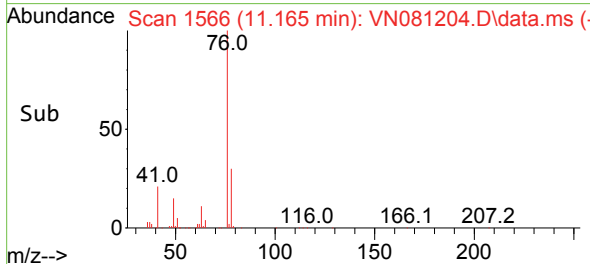
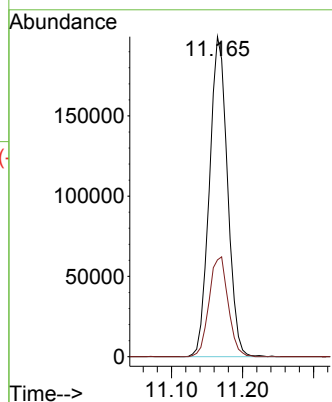
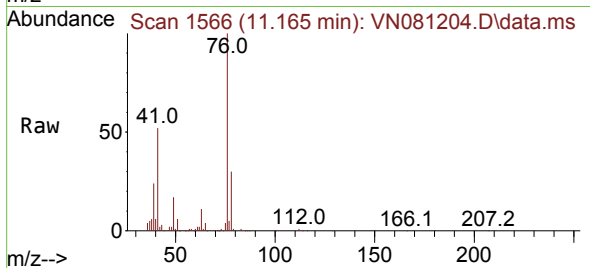
RW10A-MW01I-20240221MS

Tgt Ion: 76 Resp: 352199

Ion Ratio Lower Upper

76 100

78 32.9 25.5 38.3



#59

2-Hexanone

Concen: 303.735 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN081204.D

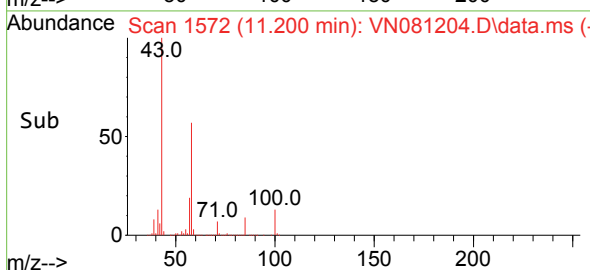
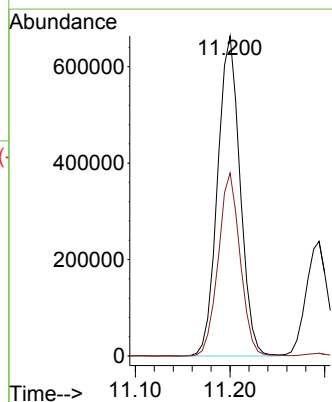
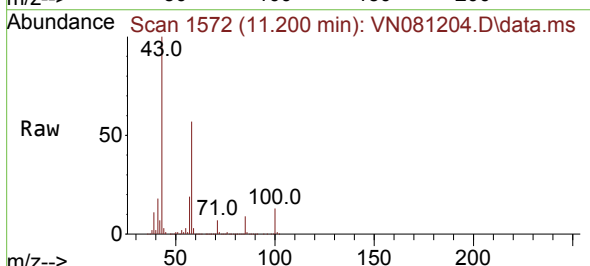
Acq: 26 Feb 2024 18:52

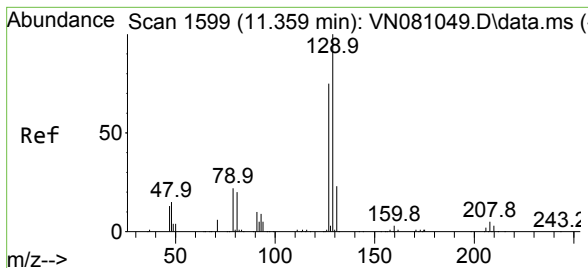
Tgt Ion: 43 Resp: 1095724

Ion Ratio Lower Upper

43 100

58 55.6 25.9 77.8





#60

Dibromochloromethane

Concen: 58.010 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

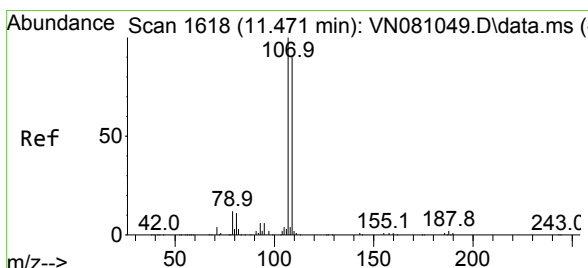
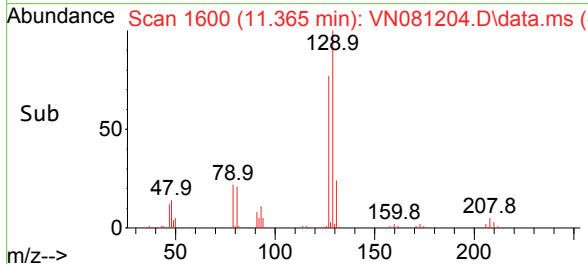
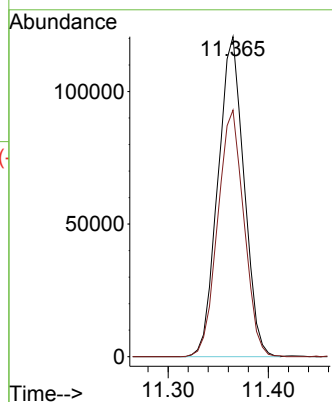
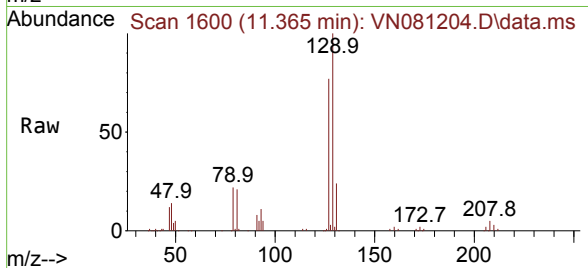
RW10A-MW01I-20240221MS

Tgt Ion:129 Resp: 217660

Ion Ratio Lower Upper

129 100

127 77.6 39.4 118.2



#61

1,2-Dibromoethane

Concen: 55.844 ug/l

RT: 11.476 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VN081204.D

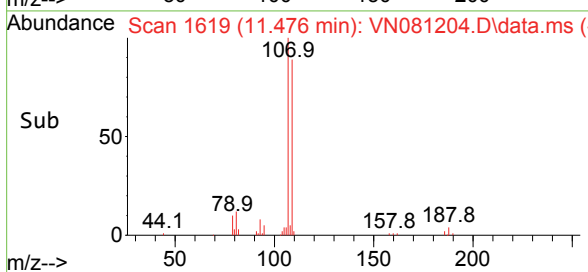
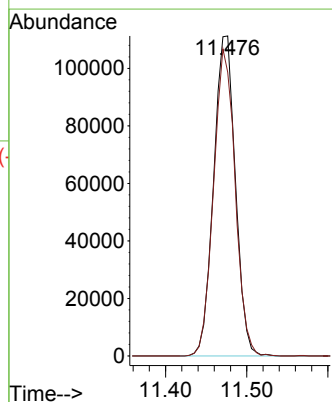
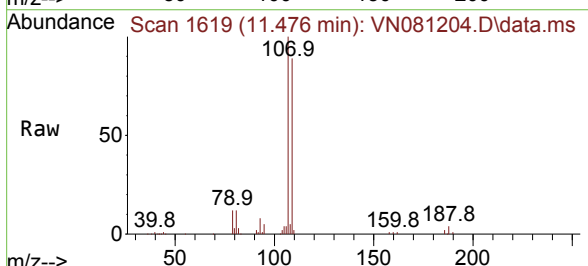
Acq: 26 Feb 2024 18:52

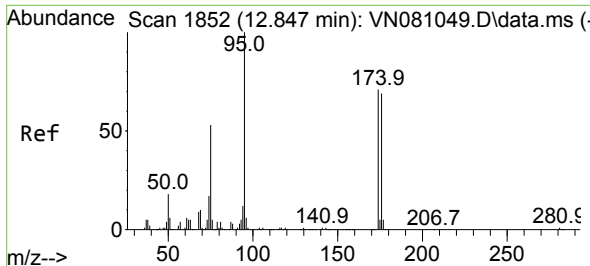
Tgt Ion:107 Resp: 207411

Ion Ratio Lower Upper

107 100

109 95.2 73.4 110.2

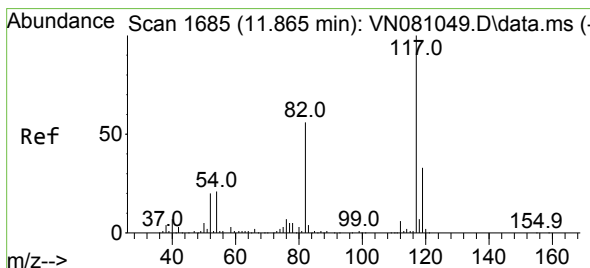
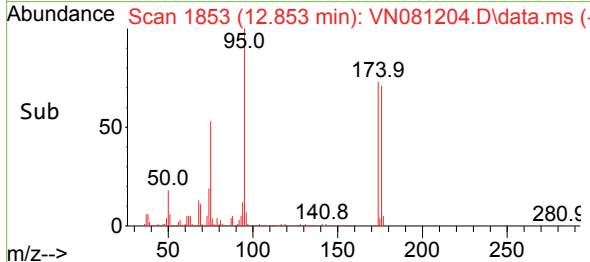
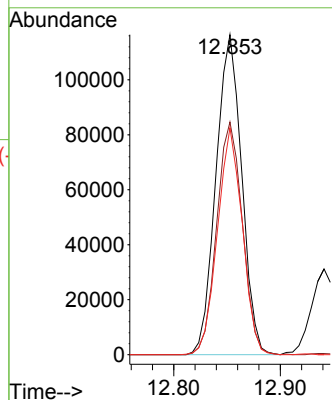
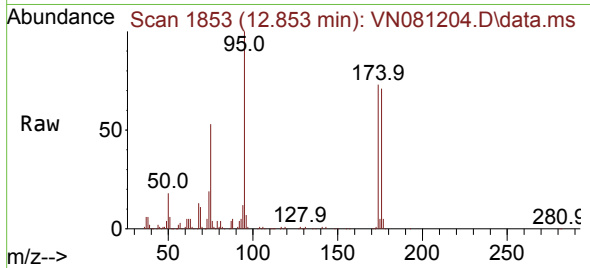




#62  
4-Bromofluorobenzene  
Concen: 50.135 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

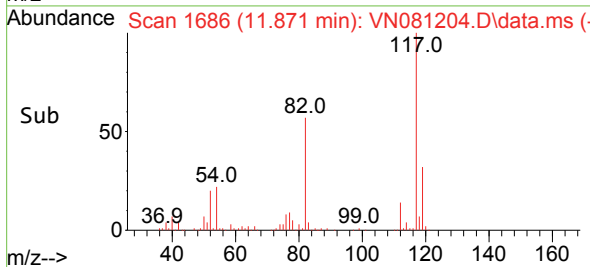
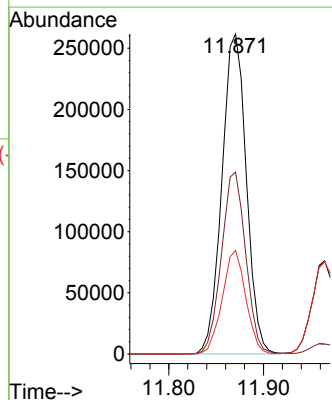
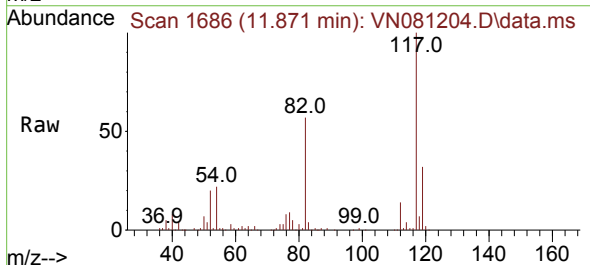
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

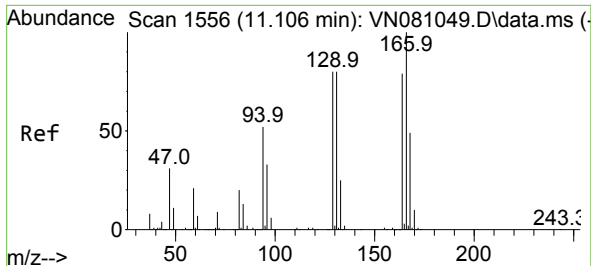
Tgt Ion: 95 Resp: 195719  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 120.4  
176 68.1 0.0 121.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 117 Resp: 468873  
Ion Ratio Lower Upper  
117 100  
82 56.9 52.7 79.1  
119 32.3 25.3 37.9

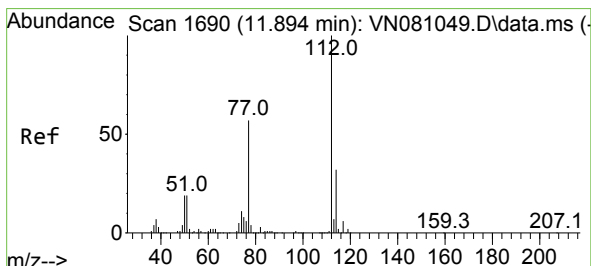
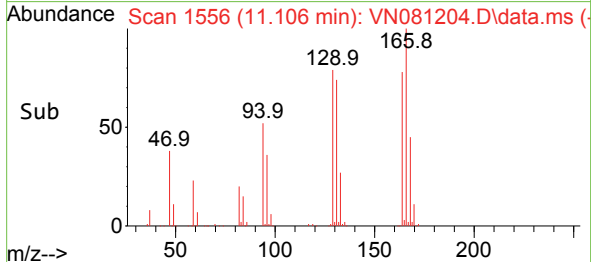
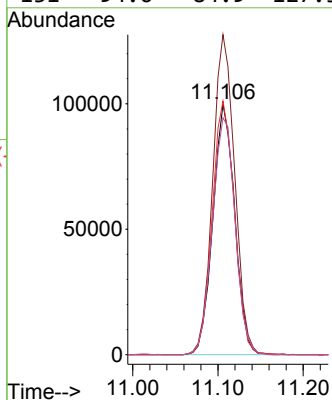
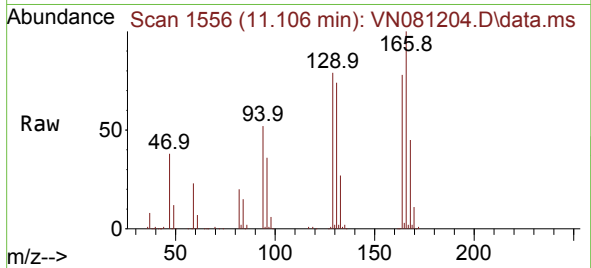




#64  
Tetrachloroethene  
Concen: 55.684 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

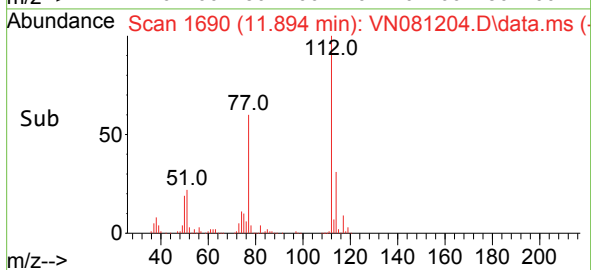
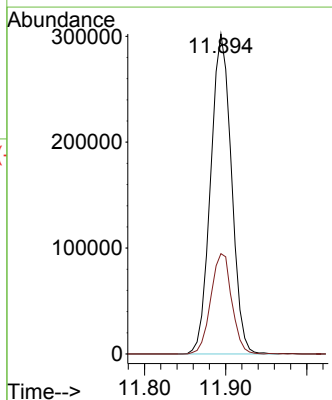
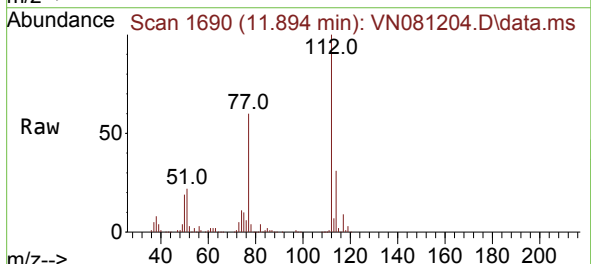
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

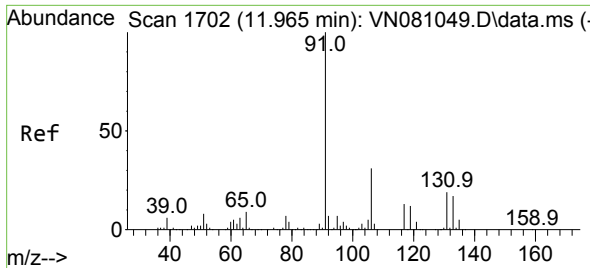
Tgt Ion:164 Resp: 178194  
Ion Ratio Lower Upper  
164 100  
166 127.7 105.8 158.6  
129 101.2 89.6 134.4  
131 94.6 84.9 127.3



#65  
Chlorobenzene  
Concen: 53.025 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:112 Resp: 538092  
Ion Ratio Lower Upper  
112 100  
114 31.4 23.7 35.5

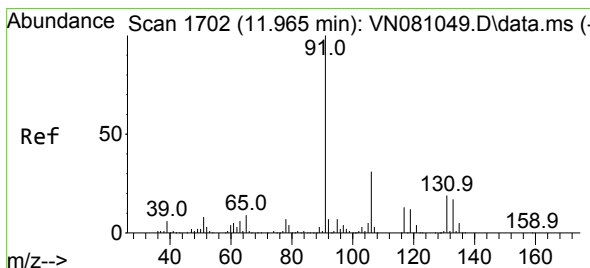
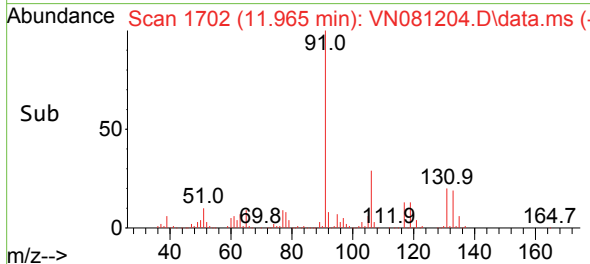
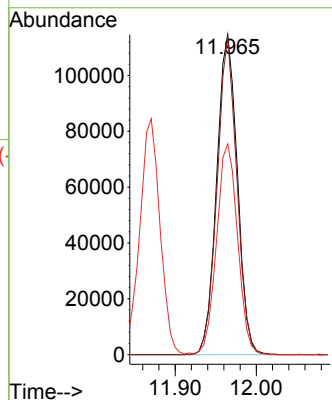
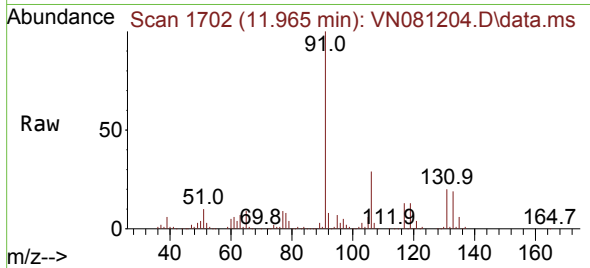




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 55.544 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

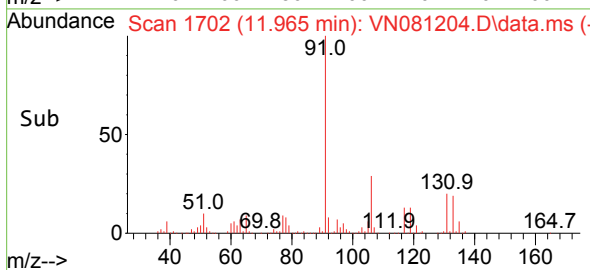
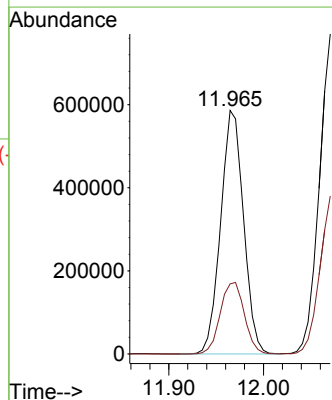
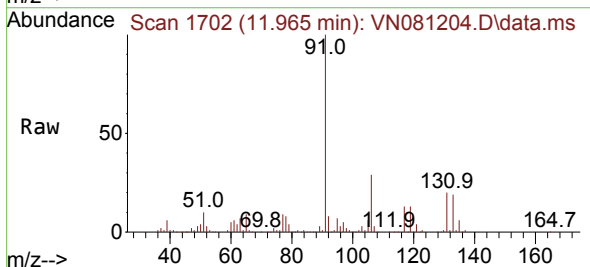
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

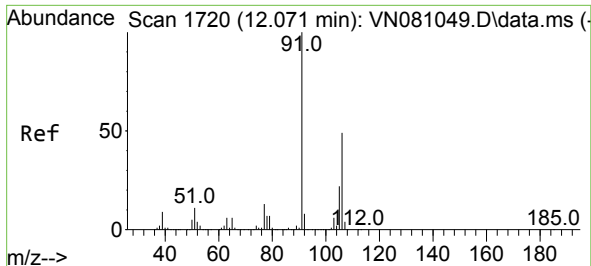
Tgt Ion:131 Resp: 202450  
 Ion Ratio Lower Upper  
 131 100  
 133 95.0 46.8 140.3  
 119 67.0 34.6 103.9



#67  
 Ethyl Benzene  
 Concen: 54.293 ug/l  
 RT: 11.965 min Scan# 1702  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Tgt Ion: 91 Resp: 985886  
 Ion Ratio Lower Upper  
 91 100  
 106 28.8 23.8 35.6

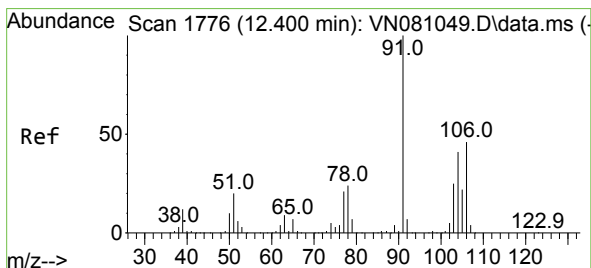
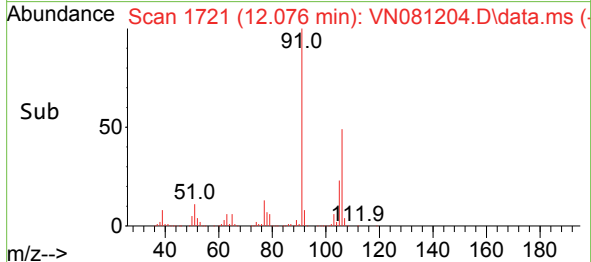
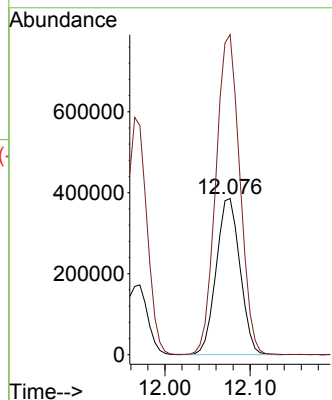
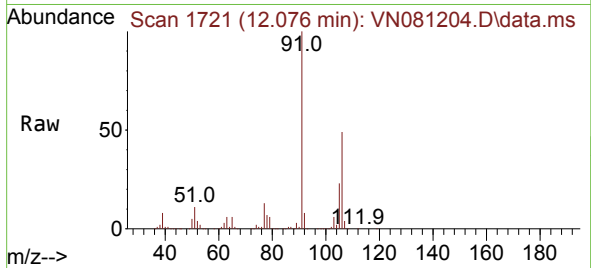




#68  
m/p-Xylenes  
Concen: 107.804 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

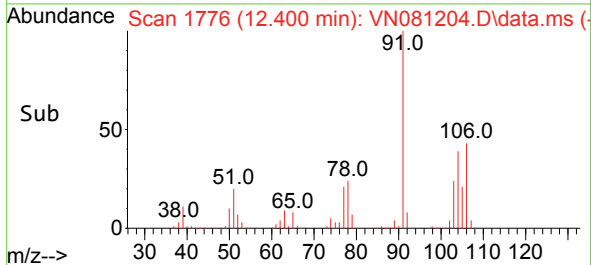
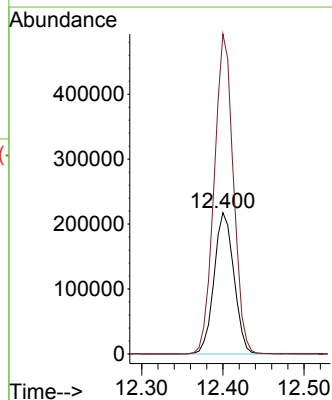
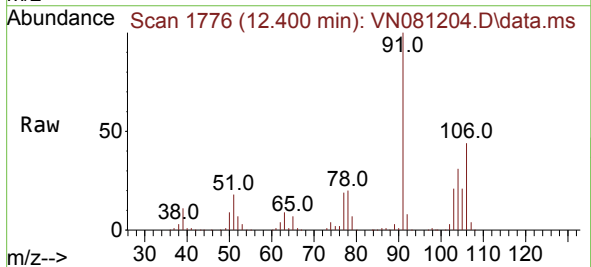
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

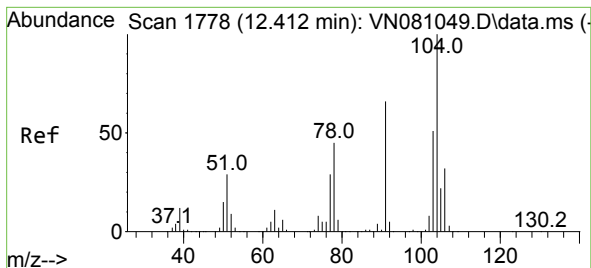
Tgt Ion:106 Resp: 750339  
Ion Ratio Lower Upper  
106 100  
91 205.7 169.0 253.6



#69  
o-Xylene  
Concen: 53.619 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:106 Resp: 369935  
Ion Ratio Lower Upper  
106 100  
91 219.5 112.1 336.3





#70

Styrene

Concen: 56.175 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081204.D

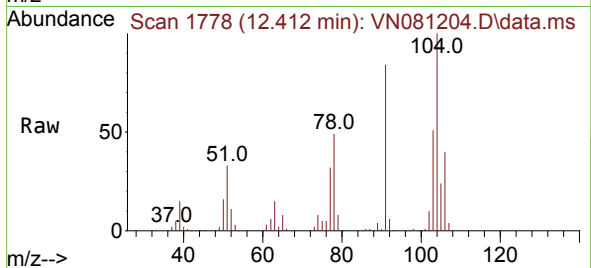
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS



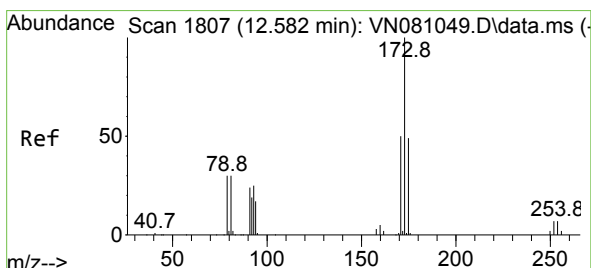
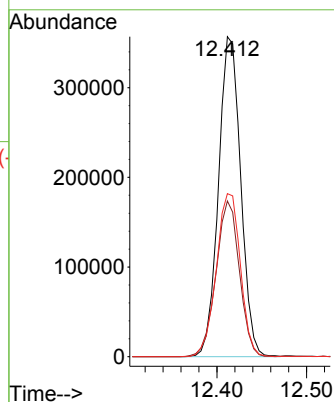
Tgt Ion:104 Resp: 614148

Ion Ratio Lower Upper

104 100

78 51.3 43.8 65.8

103 55.1 44.2 66.2



#71

Bromoform

Concen: 62.303 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

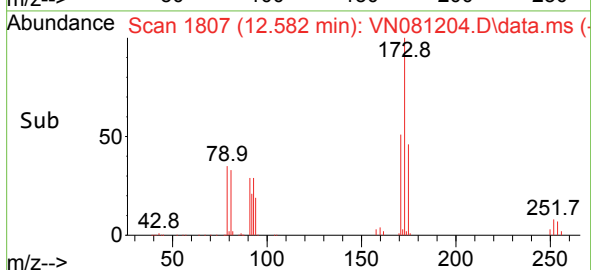
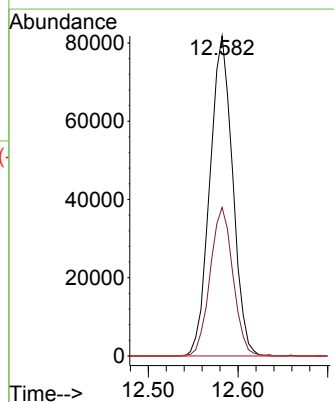
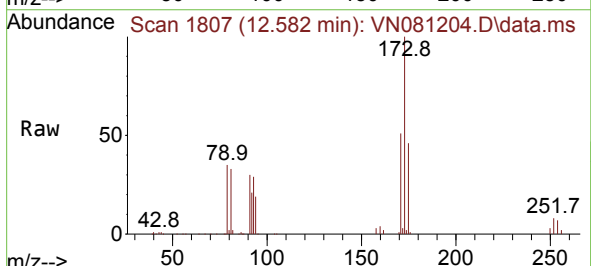
Tgt Ion:173 Resp: 144071

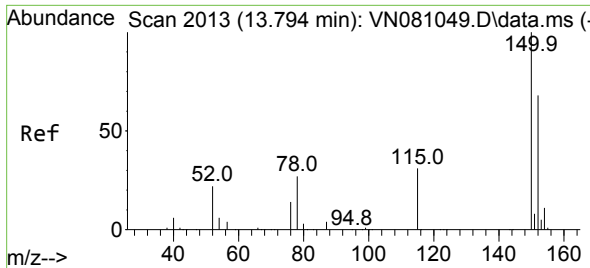
Ion Ratio Lower Upper

173 100

175 46.5 23.1 69.2

254 0.0 0.0 0.0

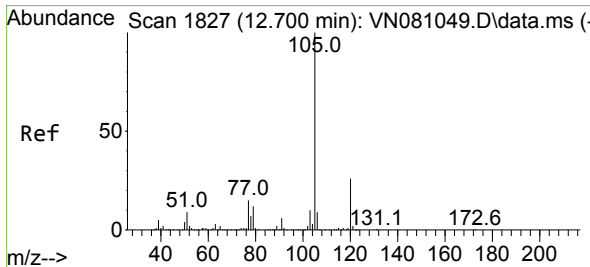
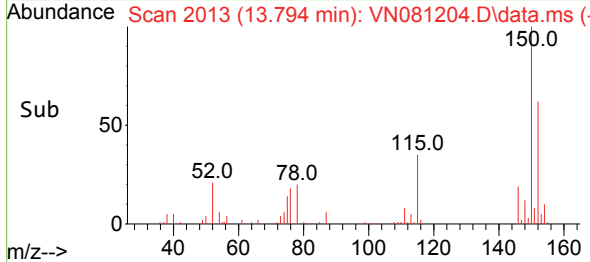
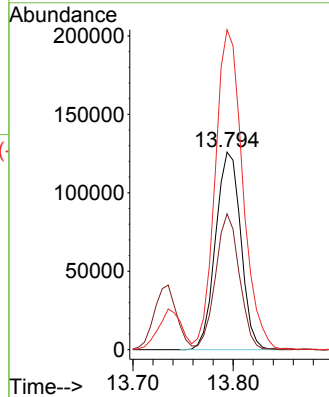
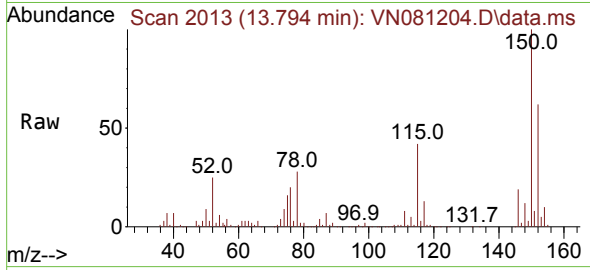




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

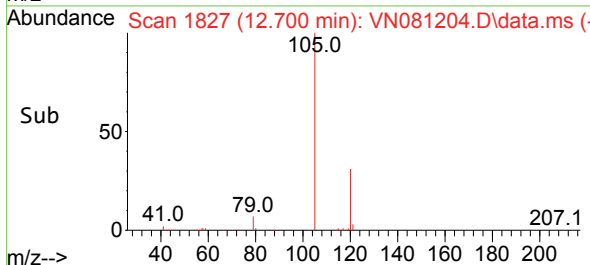
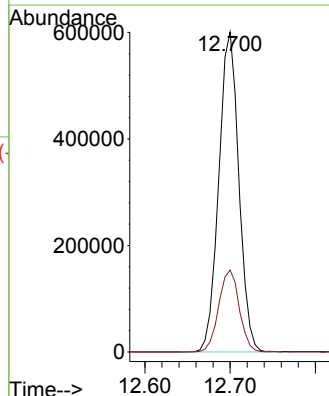
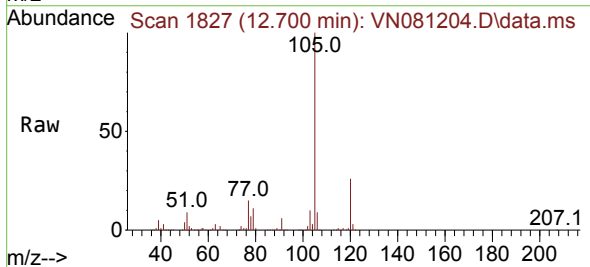
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

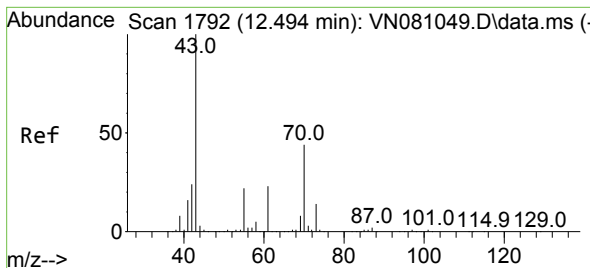
Tgt Ion:152 Resp: 219512  
Ion Ratio Lower Upper  
152 100  
115 65.4 32.3 96.8  
150 176.5 0.0 339.8



#73  
Isopropylbenzene  
Concen: 51.048 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:105 Resp: 980418  
Ion Ratio Lower Upper  
105 100  
120 26.2 12.6 37.6





#74

N-amy1 acetate

Concen: 49.507 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN081204.D

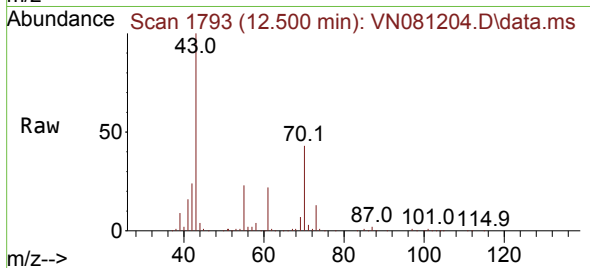
Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS



Tgt Ion: 43 Resp: 401856

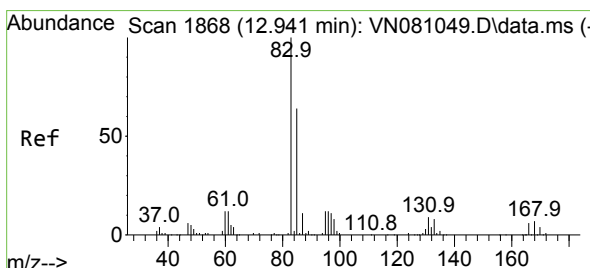
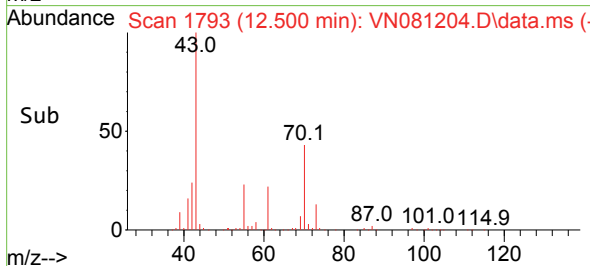
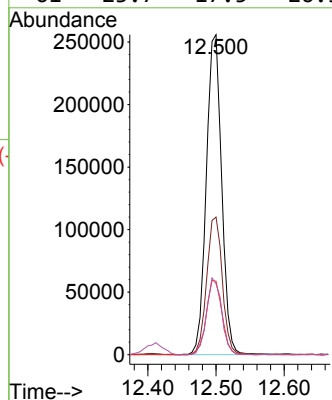
Ion Ratio Lower Upper

43 100

70 43.8 30.1 45.1

55 23.8 17.0 25.4

61 23.7 17.5 26.3



#75

1,1,2,2-Tetrachloroethane

Concen: 55.193 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

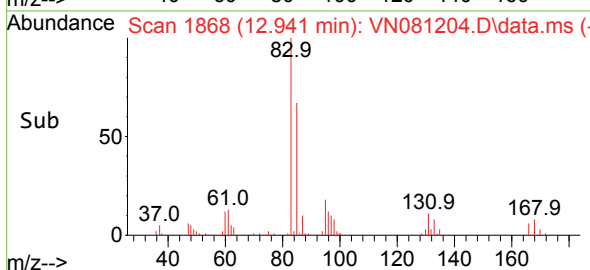
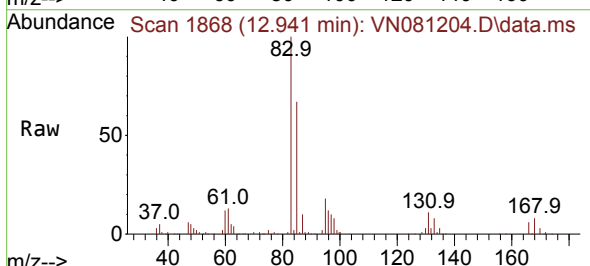
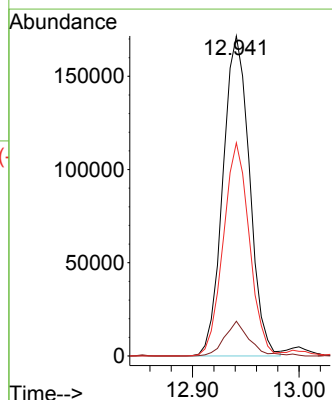
Tgt Ion: 83 Resp: 298069

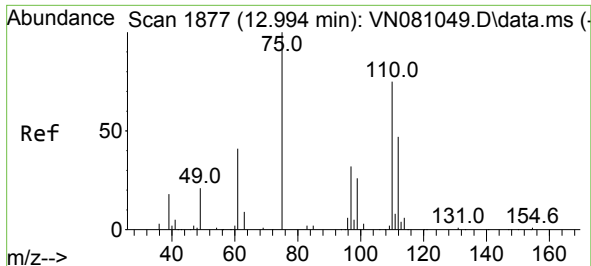
Ion Ratio Lower Upper

83 100

131 10.2 4.1 12.3

85 65.2 32.1 96.3

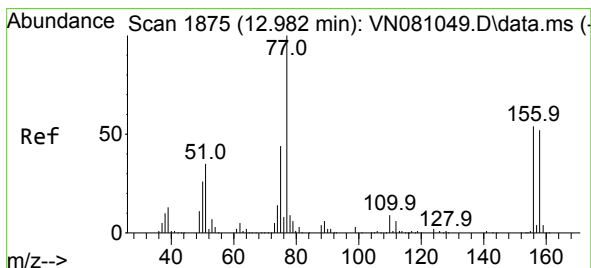
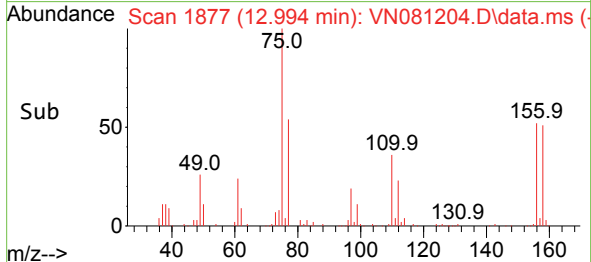
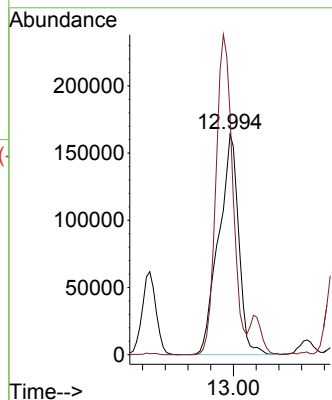
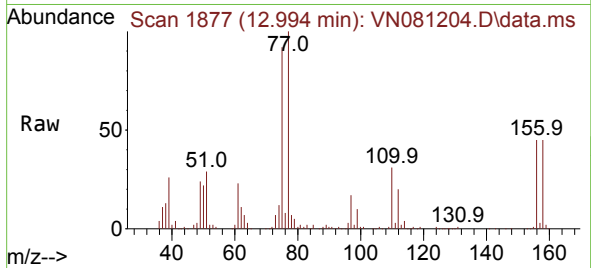




#76  
1,2,3-Trichloropropane  
Concen: 80.688 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

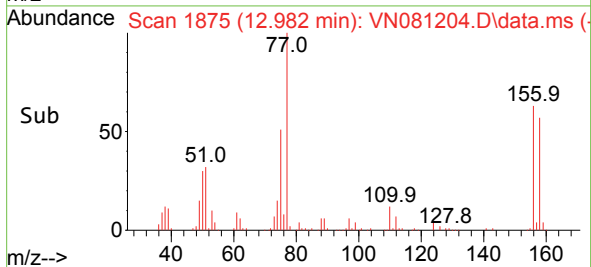
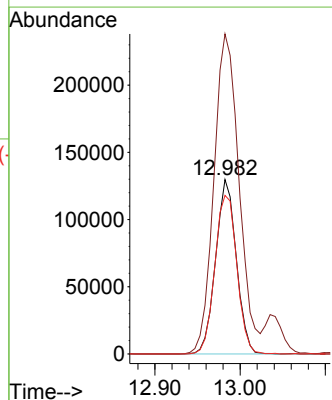
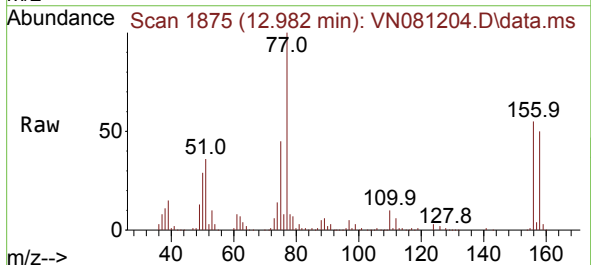
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01-20240221MS

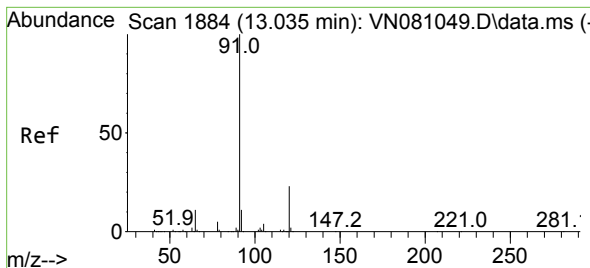
Tgt Ion: 75 Resp: 402427  
Ion Ratio Lower Upper  
75 100  
77 121.2 91.0 272.8



#77  
Bromobenzene  
Concen: 50.995 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:156 Resp: 218377  
Ion Ratio Lower Upper  
156 100  
77 223.3 138.1 414.3  
158 97.1 46.5 139.5





#78

n-propylbenzene

Concen: 52.133 ug/l

RT: 13.041 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

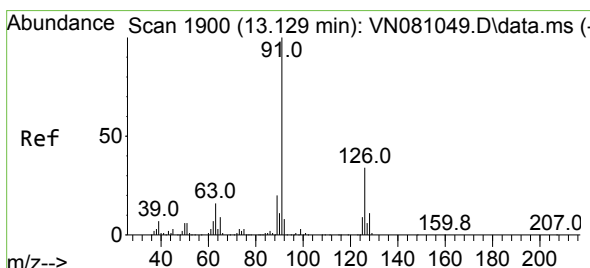
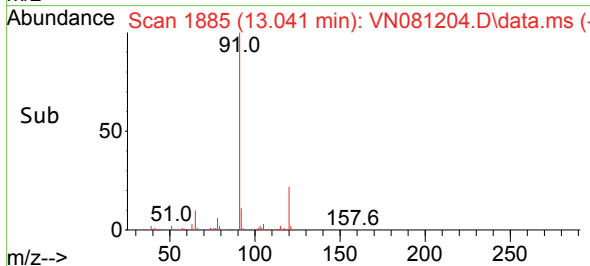
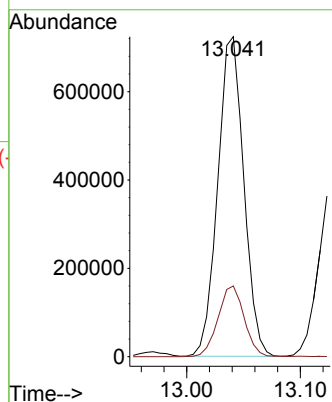
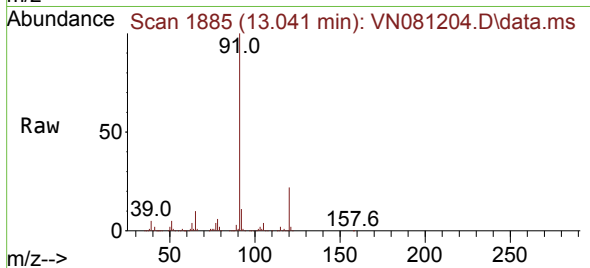
RW10A-MW01-20240221MS

Tgt Ion: 91 Resp: 1152638

Ion Ratio Lower Upper

91 100

120 22.2 10.3 30.9



#79

2-Chlorotoluene

Concen: 49.972 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VN081204.D

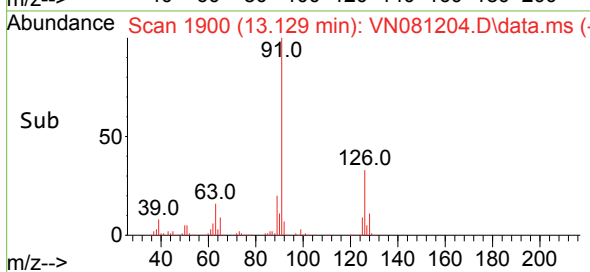
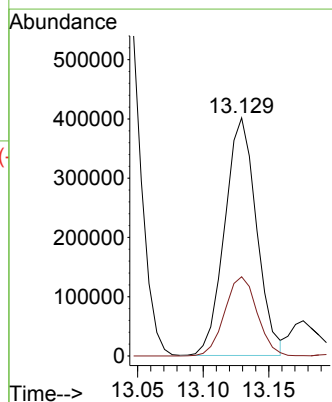
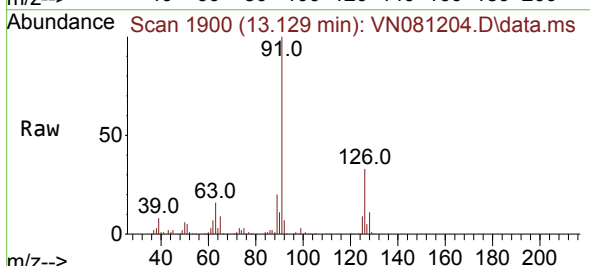
Acq: 26 Feb 2024 18:52

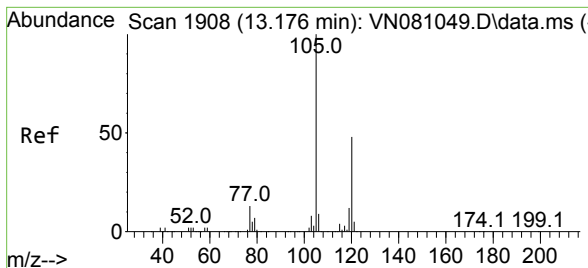
Tgt Ion: 91 Resp: 677687

Ion Ratio Lower Upper

91 100

126 33.9 14.8 44.4





#80

1,3,5-Trimethylbenzene

Concen: 52.287 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

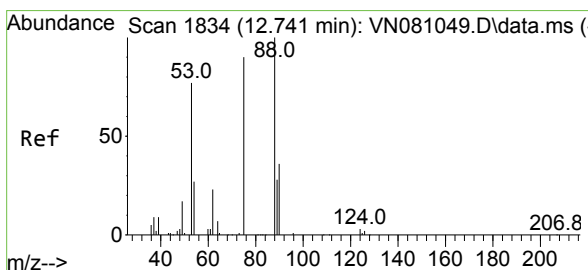
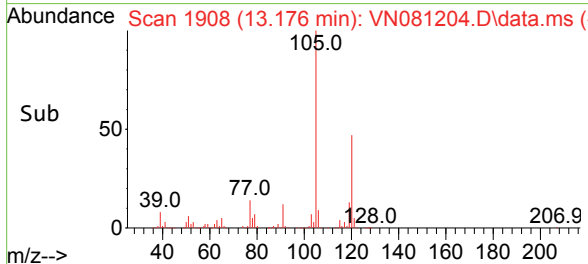
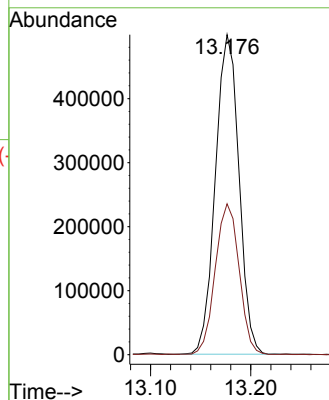
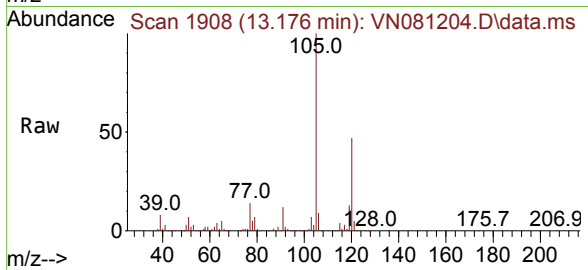
RW10A-MW01I-20240221MS

Tgt Ion:105 Resp: 814207

Ion Ratio Lower Upper

105 100

120 47.7 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 51.882 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

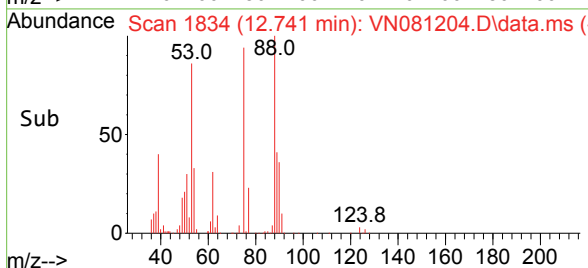
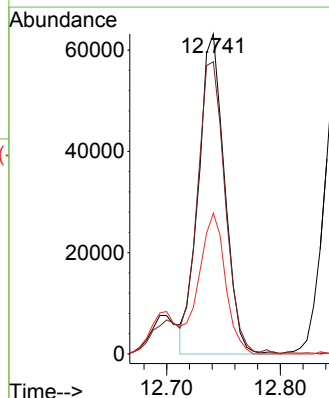
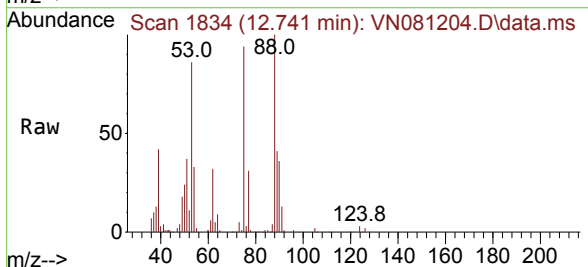
Tgt Ion: 75 Resp: 100531

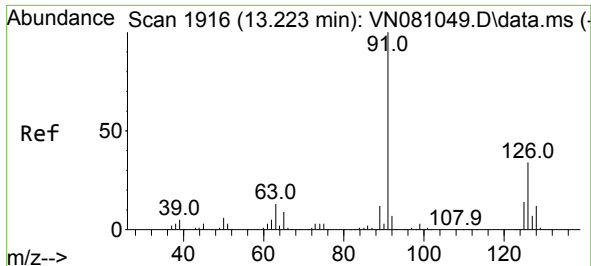
Ion Ratio Lower Upper

75 100

53 109.1 71.4 107.2#

89 45.0 33.4 50.0

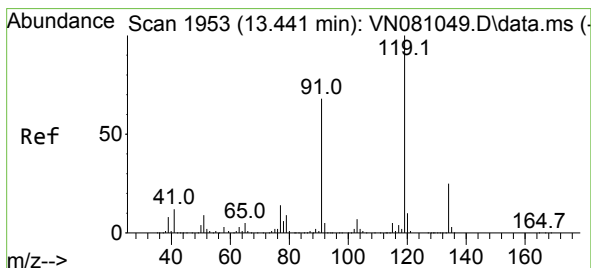
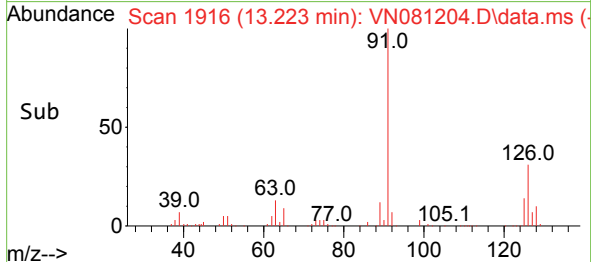
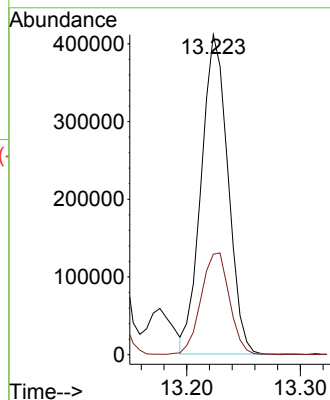
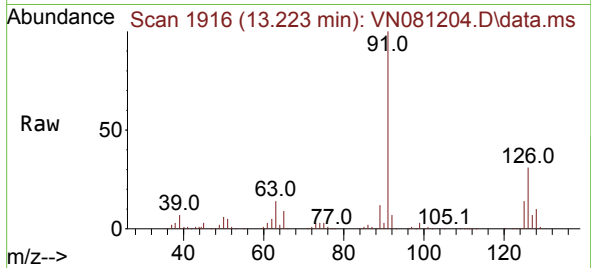




#82  
4-Chlorotoluene  
Concen: 50.696 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

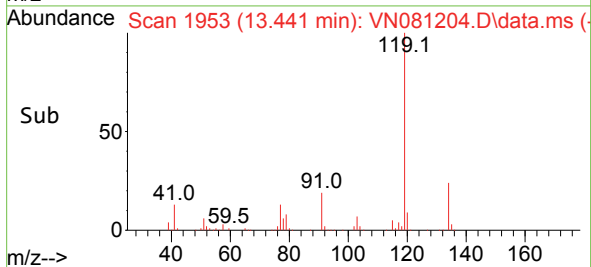
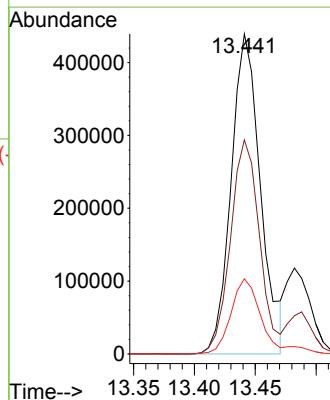
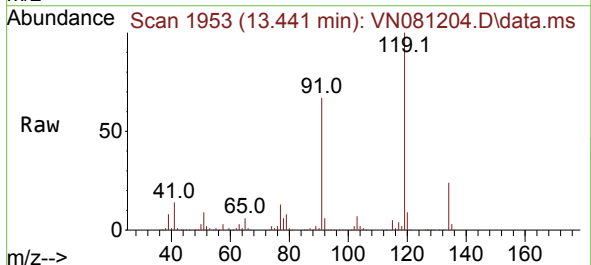
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01-20240221MS

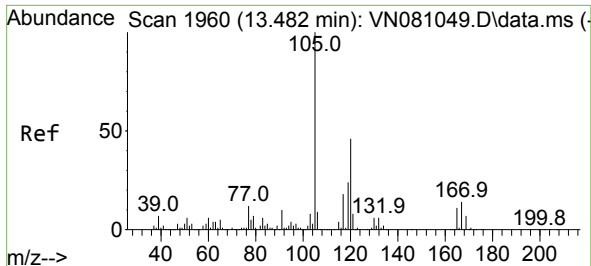
Tgt Ion: 91 Resp: 672232  
Ion Ratio Lower Upper  
91 100  
126 33.9 15.3 45.9



#83  
tert-Butylbenzene  
Concen: 54.645 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion: 119 Resp: 735781  
Ion Ratio Lower Upper  
119 100  
91 66.4 36.8 110.4  
134 24.9 12.4 37.4

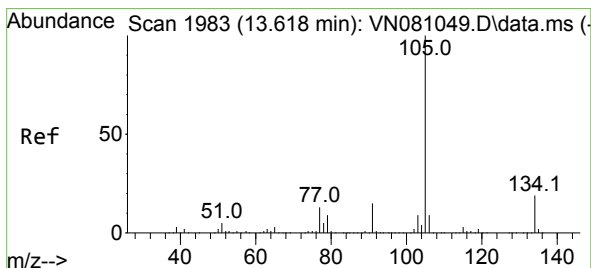
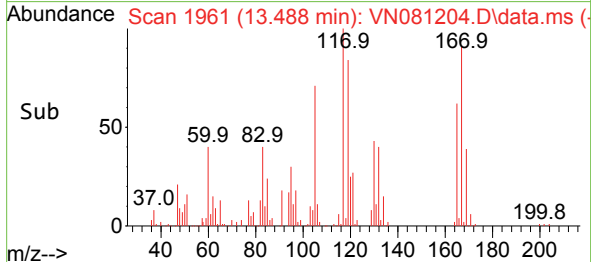
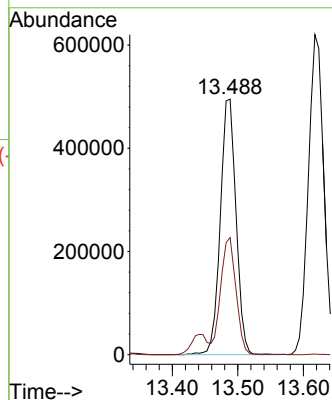
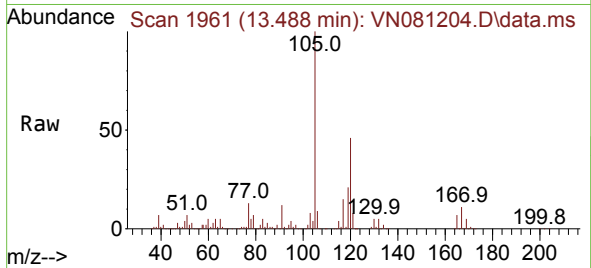




#84  
1,2,4-Trimethylbenzene  
Concen: 53.053 ug/l  
RT: 13.488 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

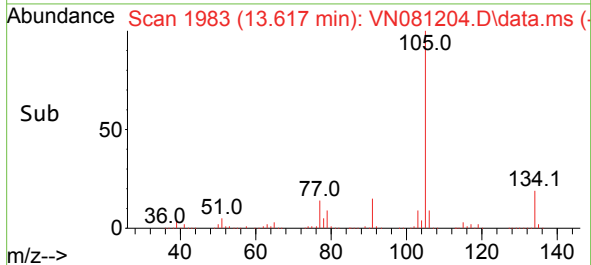
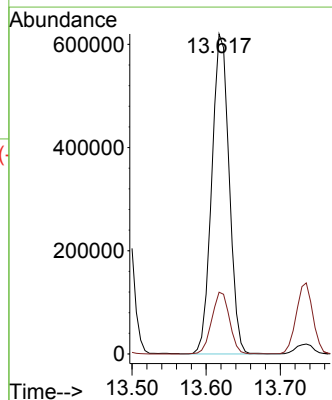
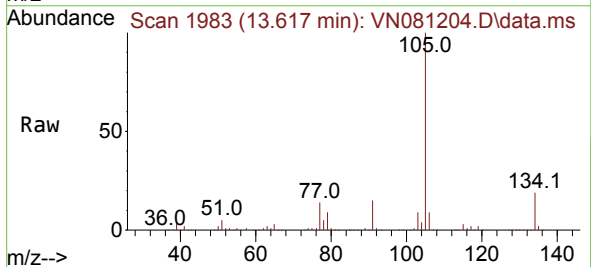
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01I-20240221MS

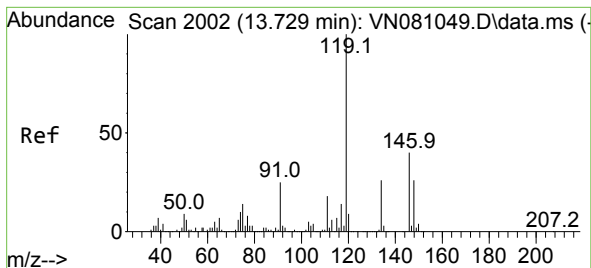
Tgt Ion:105 Resp: 823237  
Ion Ratio Lower Upper  
105 100  
120 44.5 20.9 62.7



#85  
sec-Butylbenzene  
Concen: 54.017 ug/l  
RT: 13.617 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:105 Resp: 1011129  
Ion Ratio Lower Upper  
105 100  
134 19.7 8.6 25.8





#86

p-Isopropyltoluene

Concen: 53.696 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS

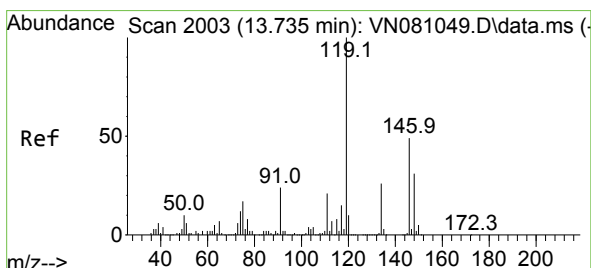
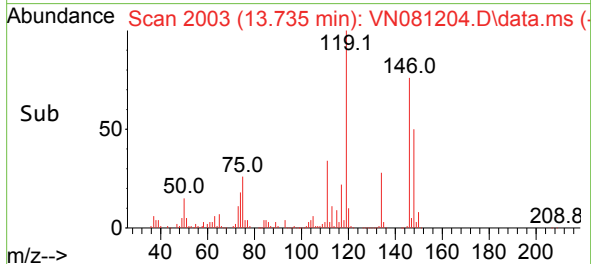
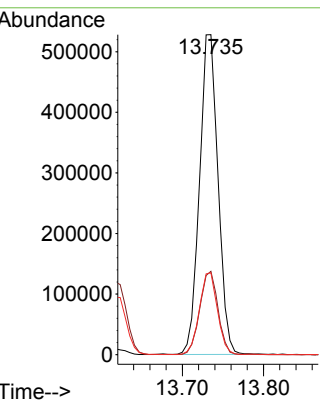
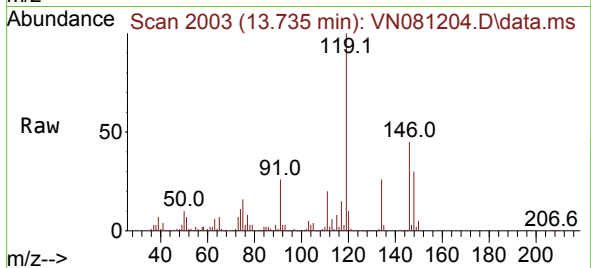
Tgt Ion:119 Resp: 834867

Ion Ratio Lower Upper

119 100

134 25.7 12.4 37.2

91 25.0 13.5 40.4



#87

1,3-Dichlorobenzene

Concen: 50.872 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

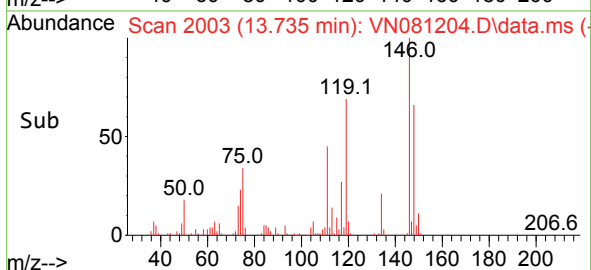
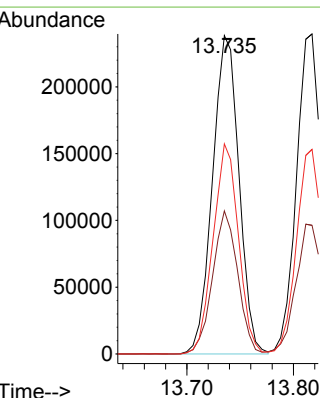
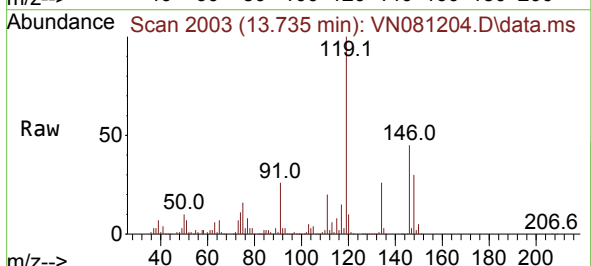
Tgt Ion:146 Resp: 411619

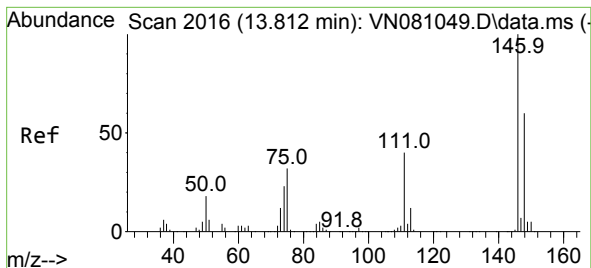
Ion Ratio Lower Upper

146 100

111 42.8 23.9 71.7

148 63.3 32.6 97.7





#88

1,4-Dichlorobenzene

Concen: 51.130 ug/l

RT: 13.817 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

RW10A-MW01I-20240221MS

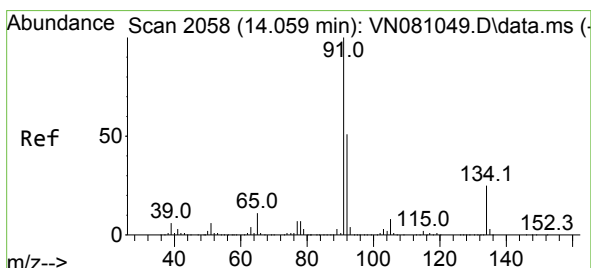
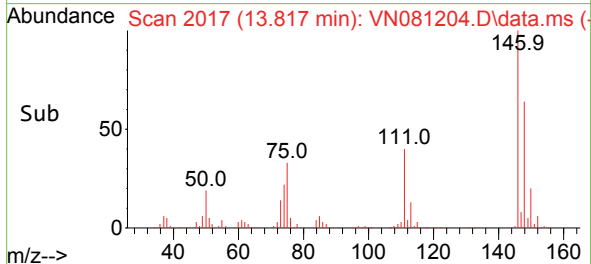
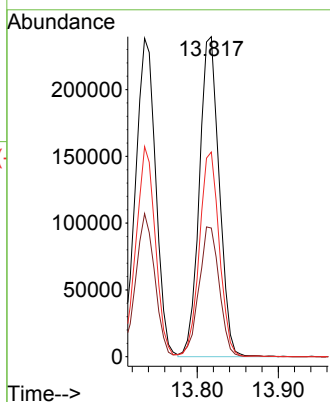
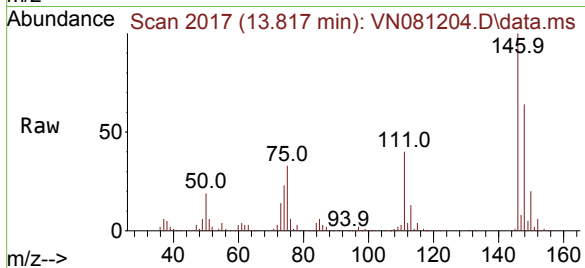
Tgt Ion:146 Resp: 406518

Ion Ratio Lower Upper

146 100

111 41.2 22.6 67.7

148 63.6 31.9 95.5



#89

n-Butylbenzene

Concen: 54.008 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

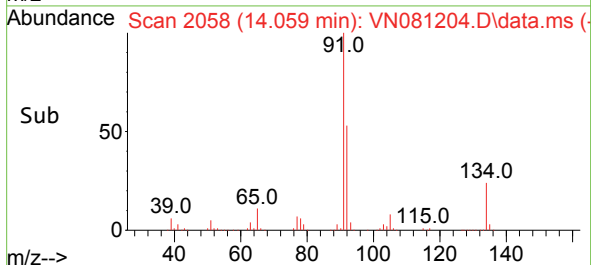
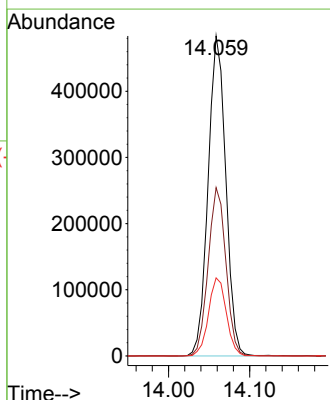
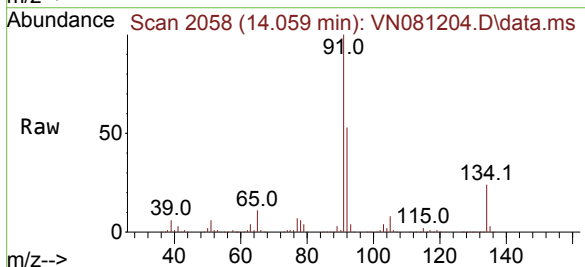
Tgt Ion: 91 Resp: 731560

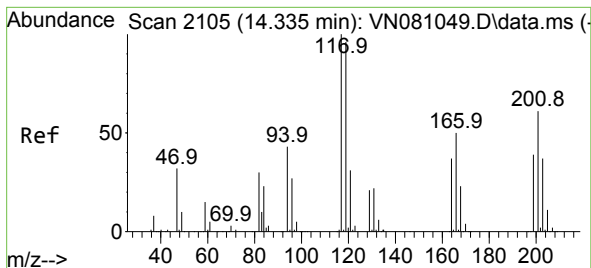
Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 24.6 10.8 32.4





#90

Hexachloroethane

Concen: 57.503 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

Instrument :

MSVOA\_N

ClientSampleId :

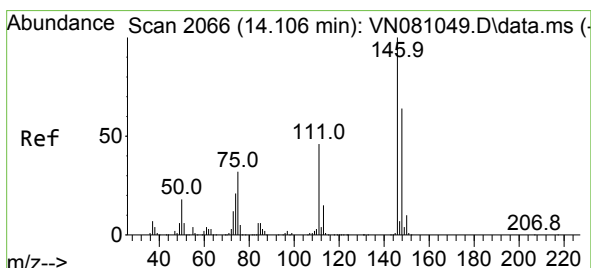
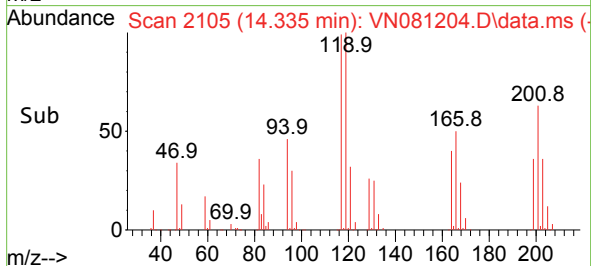
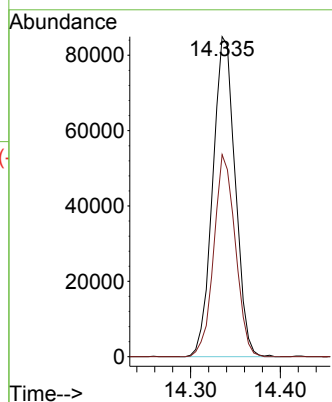
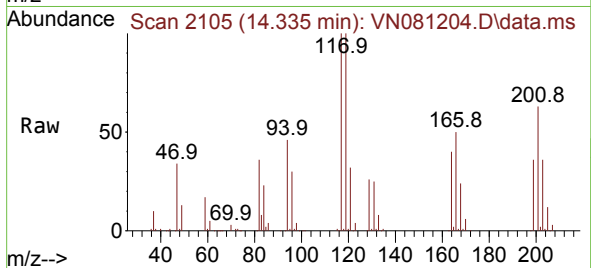
RW10A-MW01I-20240221MS

Tgt Ion:117 Resp: 147785

Ion Ratio Lower Upper

117 100

201 60.5 30.0 90.0



#91

1,2-Dichlorobenzene

Concen: 51.137 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN081204.D

Acq: 26 Feb 2024 18:52

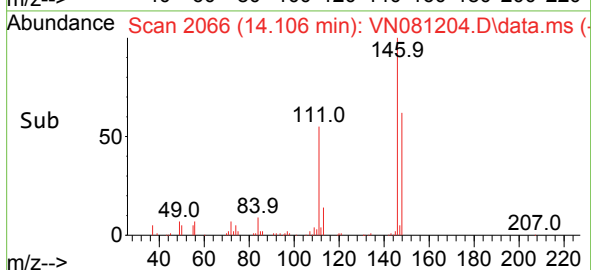
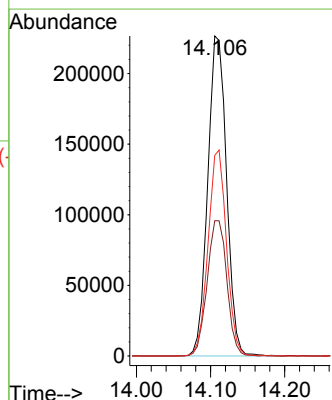
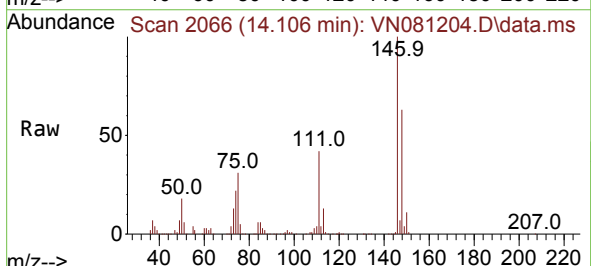
Tgt Ion:146 Resp: 399069

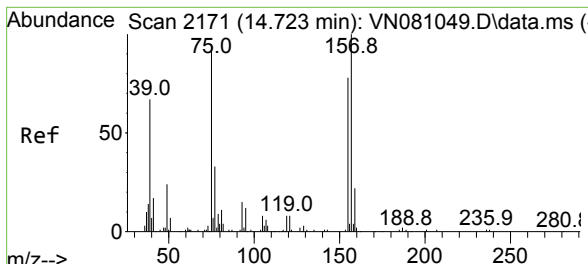
Ion Ratio Lower Upper

146 100

111 44.4 23.9 71.8

148 63.2 31.4 94.0

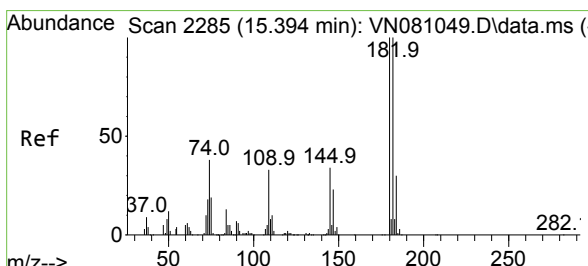
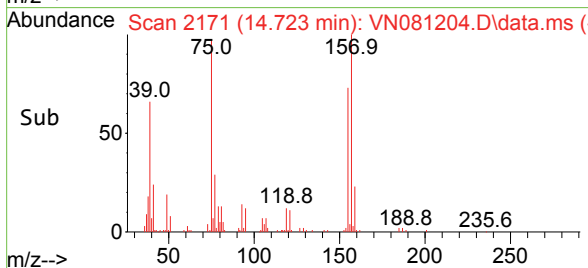
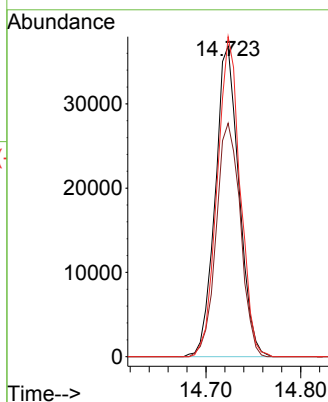
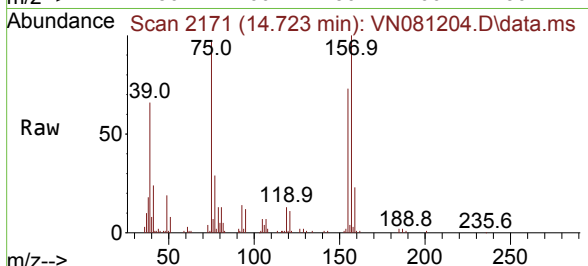




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 57.240 ug/l  
 RT: 14.723 min Scan# 2171  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

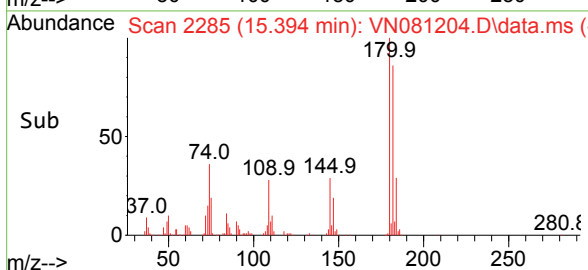
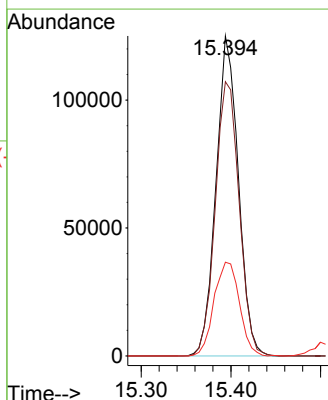
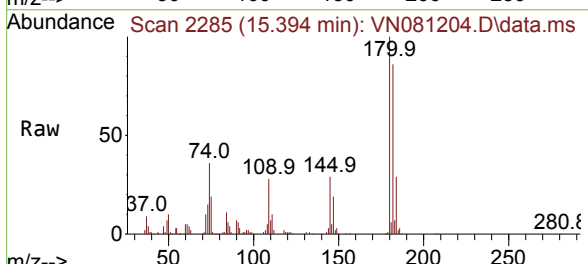
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

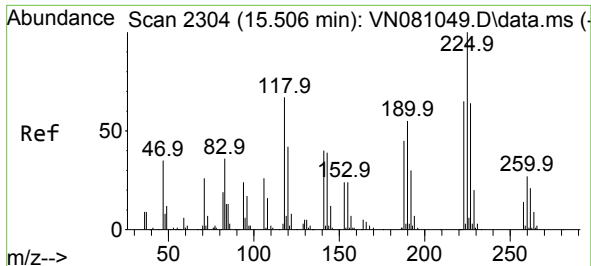
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 64270 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 76.5  | 31.8  | 95.4  |
| 157       | 99.4  | 41.1  | 123.4 |



#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.685 ug/l  
 RT: 15.394 min Scan# 2285  
 Delta R.T. -0.000 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 216316 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 91.6  | 46.6  | 139.7  |
| 145       | 33.3  | 16.8  | 50.3   |

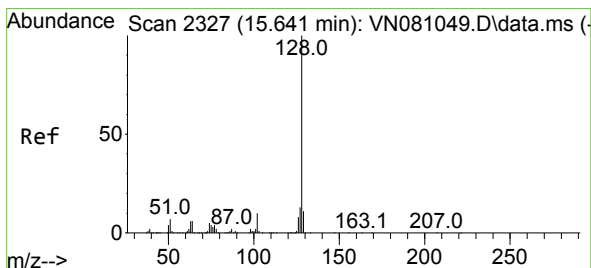
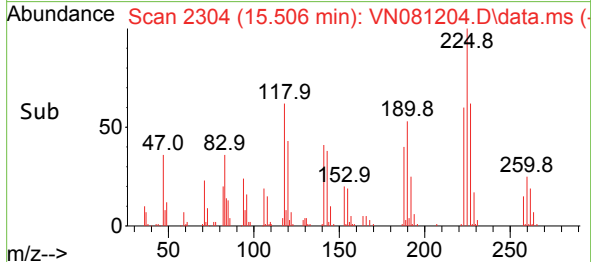
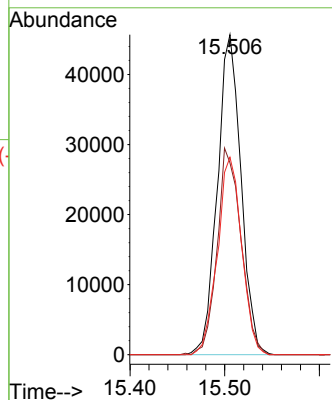
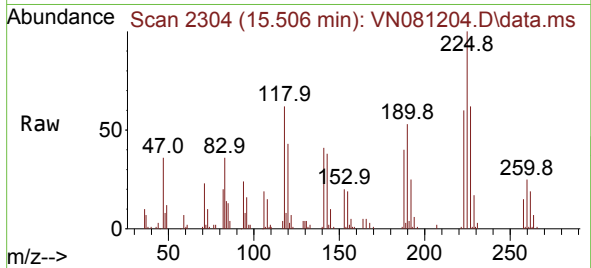




#94  
Hexachlorobutadiene  
Concen: 48.710 ug/l  
RT: 15.506 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

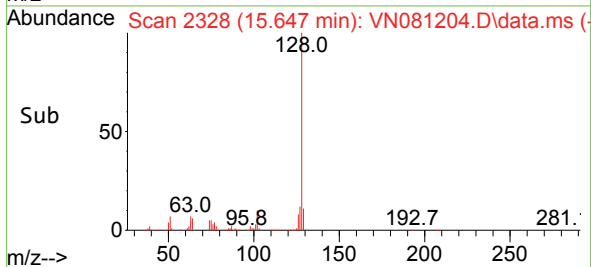
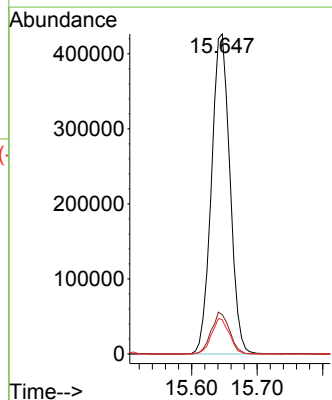
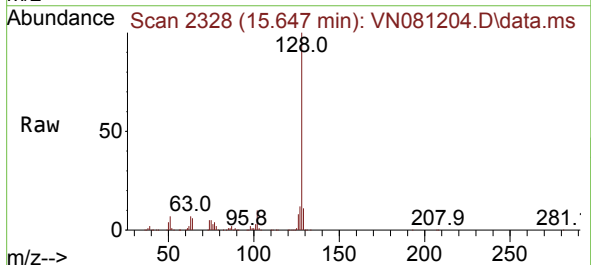
Instrument :  
MSVOA\_N  
ClientSampleId :  
RW10A-MW01-20240221MS

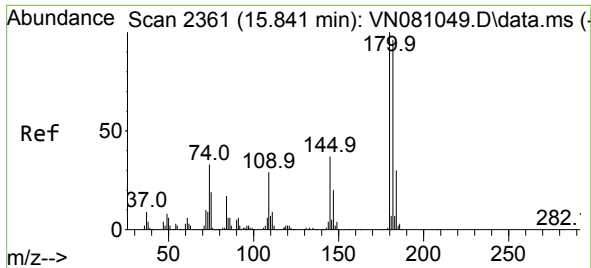
Tgt Ion:225 Resp: 79091  
Ion Ratio Lower Upper  
225 100  
223 65.2 33.3 99.8  
227 63.3 33.1 99.2



#95  
Naphthalene  
Concen: 52.286 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN081204.D  
Acq: 26 Feb 2024 18:52

Tgt Ion:128 Resp: 834192  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.0 15.0  
129 10.7 8.7 13.1





#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.488 ug/l  
 RT: 15.847 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN081204.D  
 Acq: 26 Feb 2024 18:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RW10A-MW01I-20240221MS

Tgt Ion:180 Resp: 218061  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 46.5 139.3  
 145 36.1 17.8 53.4

