

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060223\  
 Data File : VN078019.D  
 Acq On : 02 Jun 2023 09:00  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 05 01:12:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 393487   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 688994   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 603984   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 254220   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 287357   | 48.807   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 97.620%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 245434   | 54.628   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 109.260% |
| 50) Toluene-d8              | 10.571 | 98    | 895814   | 51.801   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.600% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 304033   | 49.779   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.560%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.136 | 85  | 171804  | 38.365  | ug/l   | 94  |
| 3) Chloromethane             | 2.371 | 50  | 196527  | 41.072  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.524 | 62  | 251788  | 44.596  | ug/l   | 97  |
| 5) Bromomethane              | 2.959 | 94  | 187189  | 44.828  | ug/l   | 98  |
| 6) Chloroethane              | 3.124 | 64  | 187281  | 46.027  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 374062  | 47.540  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.965 | 74  | 137305  | 47.800  | ug/l   | 81  |
| 9) 1,1,2-Trichlorotrifluo... | 4.377 | 101 | 211647  | 48.605  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.600 | 142 | 277384  | 53.415  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.530 | 59  | 175627  | 216.145 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.353 | 96  | 199591  | 48.227  | ug/l   | 86  |
| 13) Acrolein                 | 4.189 | 56  | 77826   | 141.489 | ug/l   | 96  |
| 14) Allyl chloride           | 5.030 | 41  | 280792  | 46.184  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.724 | 53  | 497406  | 229.135 | ug/l   | 100 |
| 16) Acetone                  | 4.436 | 43  | 528408  | 285.270 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.718 | 76  | 469144  | 42.071  | ug/l   | 100 |
| 18) Methyl Acetate           | 5.030 | 43  | 365179  | 46.994  | ug/l   | 89  |
| 19) Methyl tert-butyl Ether  | 5.800 | 73  | 733323  | 48.953  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.283 | 84  | 247483  | 51.387  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.794 | 96  | 222708  | 47.906  | ug/l # | 79  |
| 22) Diisopropyl ether        | 6.683 | 45  | 712070  | 49.968  | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.612 | 43  | 2039909 | 231.036 | ug/l # | 88  |
| 24) 1,1-Dichloroethane       | 6.577 | 63  | 442068  | 50.634  | ug/l   | 97  |
| 25) 2-Butanone               | 7.488 | 43  | 685456  | 236.562 | ug/l   | 89  |
| 26) 2,2-Dichloropropane      | 7.494 | 77  | 395465  | 53.317  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 280726  | 50.362  | ug/l   | 90  |
| 28) Bromochloromethane       | 7.818 | 49  | 188565  | 49.940  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 411258  | 216.759 | ug/l # | 84  |
| 30) Chloroform               | 7.971 | 83  | 485227  | 50.524  | ug/l   | 98  |
| 31) Cyclohexane              | 8.265 | 56  | 331656  | 41.447  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 418580  | 51.264  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 345996  | 52.651  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.571 | 43  | 263653  | 45.013  | ug/l   | 94  |
| 38) Carbon Tetrachloride     | 8.365 | 117 | 367567  | 55.391  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 332435  | 41.321  | ug/l   | 92  |
| 40) Benzene                  | 8.612 | 78  | 1039526 | 53.605  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060223\  
 Data File : VN078019.D  
 Acq On : 02 Jun 2023 09:00  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 05 01:12:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 141805   | 45.460  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 363960   | 51.667  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 464116   | 48.511  | ug/l   | 96       |
| 44) Trichloroethene           | 9.359  | 130  | 264528   | 53.872  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 267542   | 54.088  | ug/l   | 95       |
| 46) Dibromomethane            | 9.712  | 93   | 185442   | 52.392  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.894  | 83   | 383074   | 56.531  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.688  | 41   | 218791   | 48.235  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 81701    | 953.642 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 1383081  | 243.207 | ug/l   | 93       |
| 52) Toluene                   | 10.635 | 92   | 668414   | 55.366  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 399109   | 55.617  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 439393   | 55.563  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.024 | 97   | 255813   | 53.366  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 370950   | 51.181  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 11.171 | 76   | 428635   | 52.160  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 704572   | 197.599 | ug/l   | 92       |
| 59) 2-Hexanone                | 11.200 | 43   | 991426   | 235.698 | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.365 | 129  | 287257   | 58.048  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 260570   | 54.488  | ug/l   | 95       |
| 64) Tetrachloroethene         | 11.112 | 164  | 245022   | 58.010  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 700389   | 53.491  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 273536   | 60.376  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.971 | 91   | 1257012  | 53.571  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 966810   | 108.741 | ug/l   | 98       |
| 69) o-Xylene                  | 12.406 | 106  | 476536   | 54.500  | ug/l   | 97       |
| 70) Styrene                   | 12.418 | 104  | 770415   | 55.465  | ug/l   | 98       |
| 71) Bromoform                 | 12.582 | 173  | 176992   | 58.726  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1203726  | 54.930  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.500 | 43   | 369765   | 45.650  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 346941   | 51.463  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 286517m  | 45.003  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 270749   | 54.140  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.041 | 91   | 1371431  | 53.084  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 839635   | 54.464  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 978684   | 53.138  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 101379   | 50.900  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 799605   | 52.130  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.447 | 119  | 817855   | 50.866  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 982907   | 54.264  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 1083672  | 47.424  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 887684   | 48.728  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 478777   | 51.769  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 462914   | 50.441  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.065 | 91   | 718960   | 42.908  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.341 | 117  | 155524   | 51.968  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 469262   | 54.314  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 56306    | 43.140  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 183872   | 36.418  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 77955    | 37.187  | ug/l   | 99       |
| 95) Naphthalene               | 15.647 | 128  | 567126   | 32.634  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 182280   | 36.873  | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060223\  
Data File : VN078019.D  
Acq On : 02 Jun 2023 09:00  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

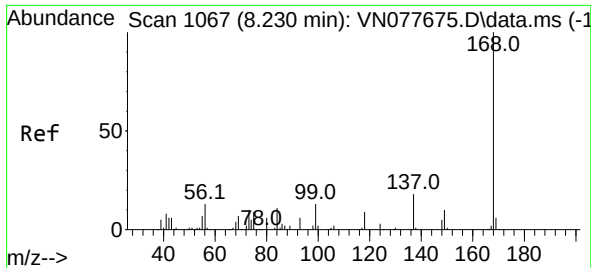
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 05 01:12:11 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

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

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

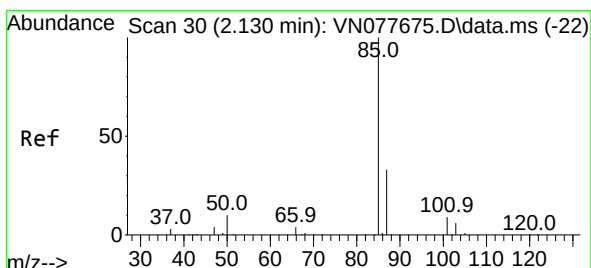
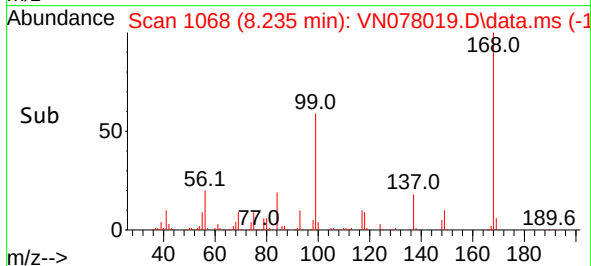
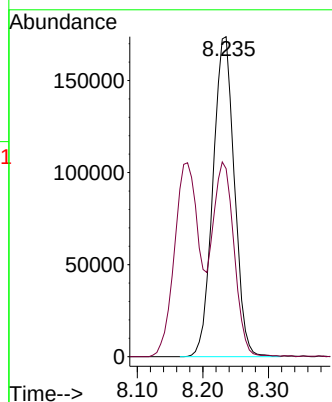
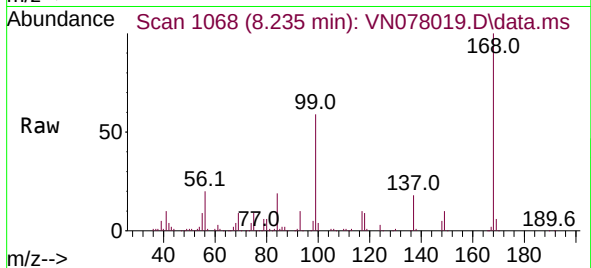




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 10  
Delta R.T. 0.005 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

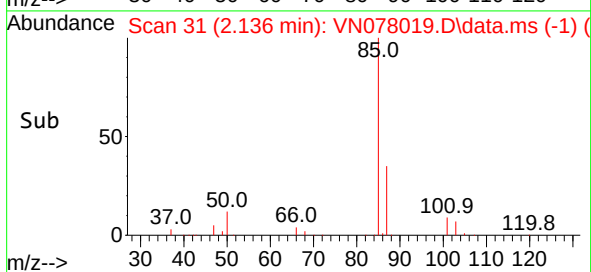
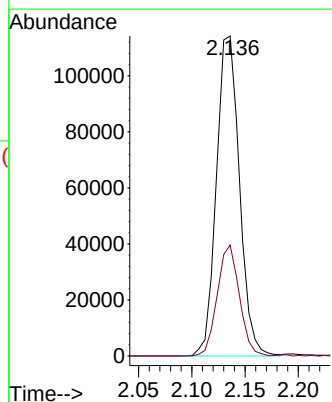
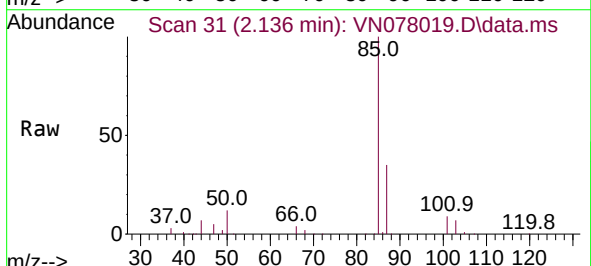
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

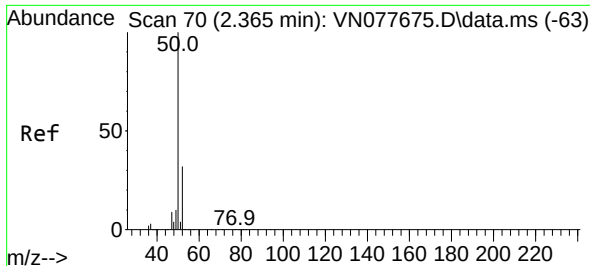
Tgt Ion:168 Resp: 393487  
Ion Ratio Lower Upper  
168 100  
99 58.6 53.0 79.6



#2  
Dichlorodifluoromethane  
Concen: 38.365 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 85 Resp: 171804  
Ion Ratio Lower Upper  
85 100  
87 34.7 15.8 47.4

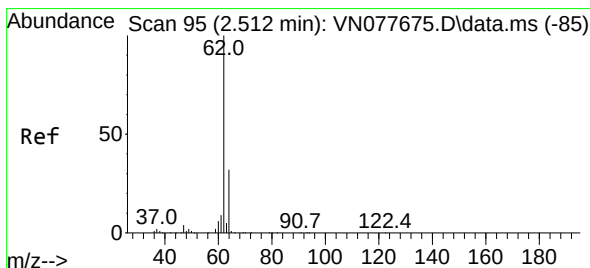
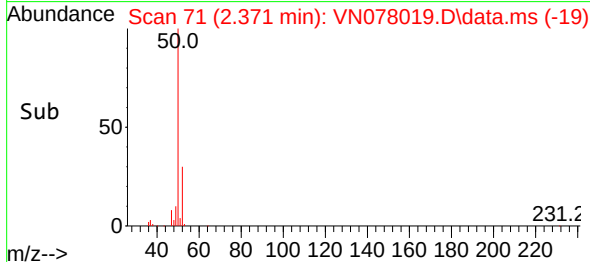
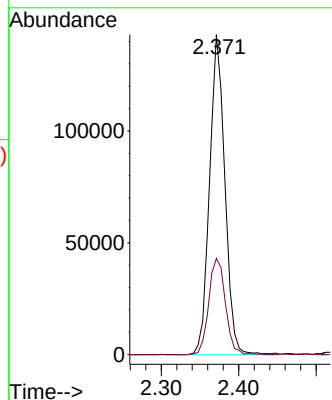
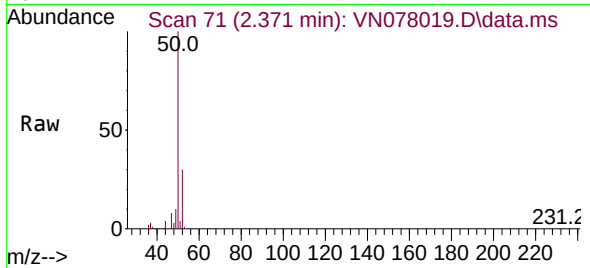




#3  
Chloromethane  
Concen: 41.072 ug/l  
RT: 2.371 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

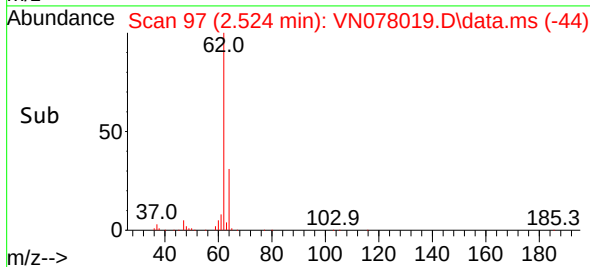
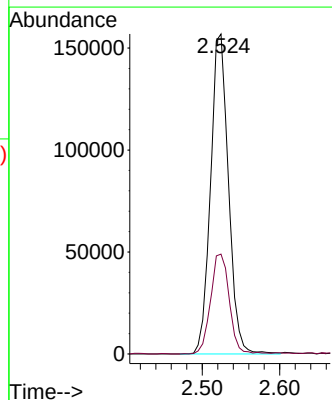
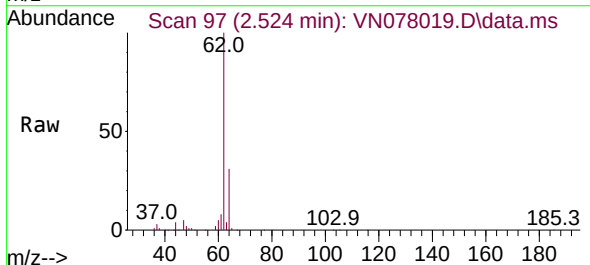
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

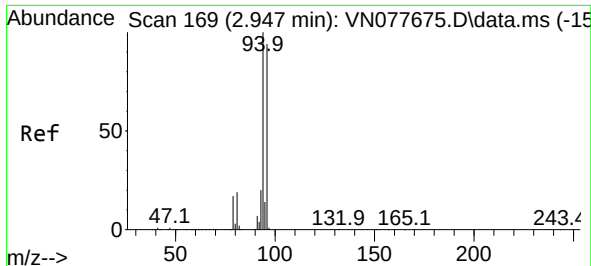
Tgt Ion: 50 Resp: 196527  
Ion Ratio Lower Upper  
50 100  
52 30.1 26.5 39.7



#4  
Vinyl Chloride  
Concen: 44.596 ug/l  
RT: 2.524 min Scan# 97  
Delta R.T. 0.012 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 62 Resp: 251788  
Ion Ratio Lower Upper  
62 100  
64 31.2 26.2 39.2

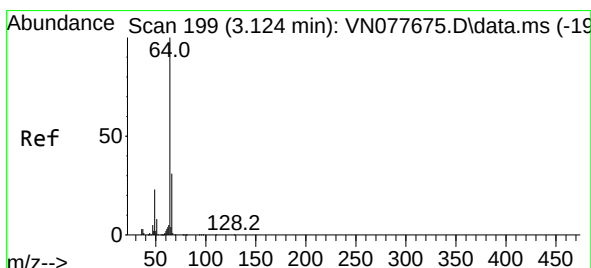
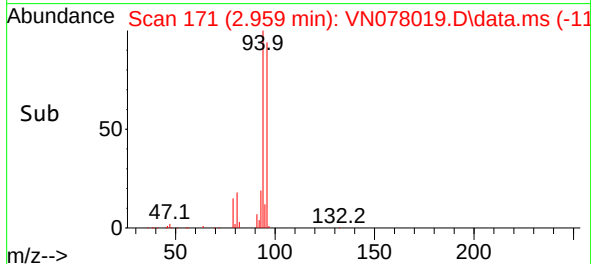
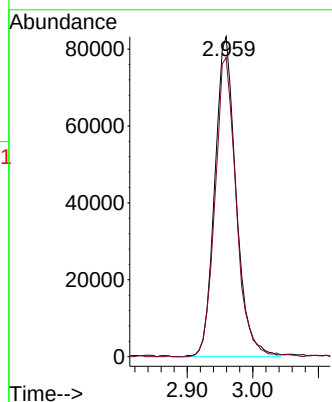
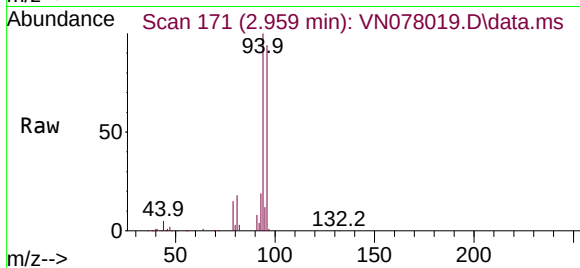




#5  
Bromomethane  
Concen: 44.828 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.012 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

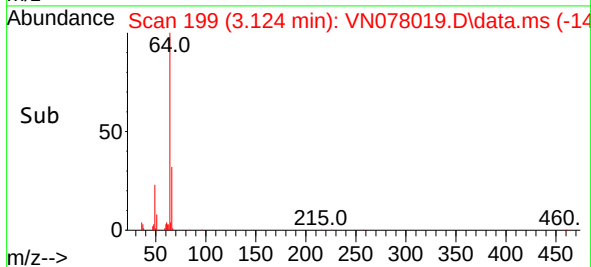
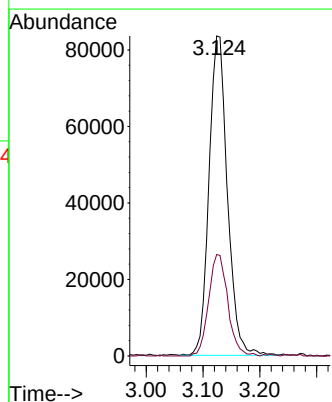
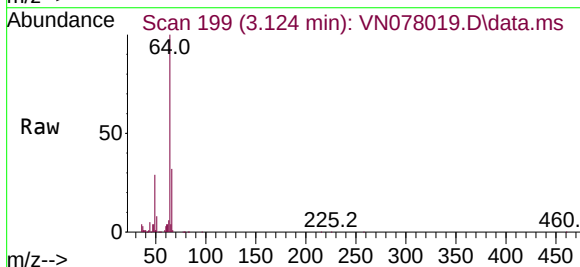
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

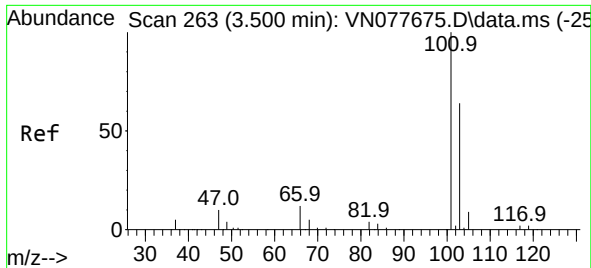
Tgt Ion: 94 Resp: 187189  
Ion Ratio Lower Upper  
94 100  
96 93.5 73.1 109.7



#6  
Chloroethane  
Concen: 46.027 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 64 Resp: 187281  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.2

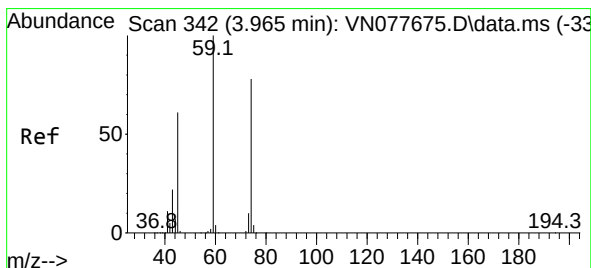
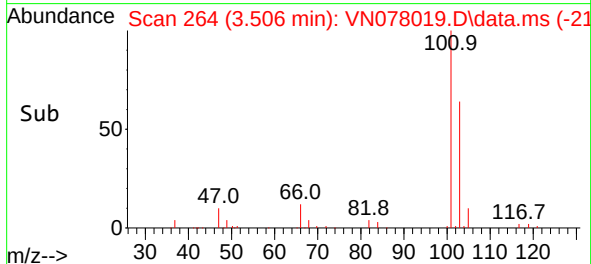
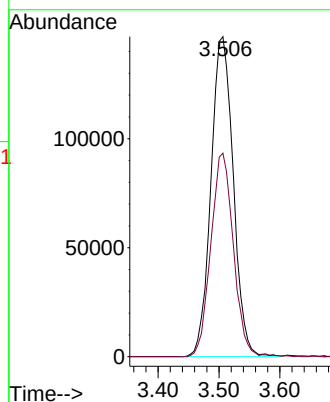
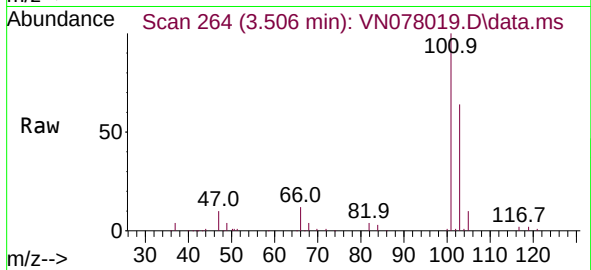




#7  
 Trichlorofluoromethane  
 Concen: 47.540 ug/l  
 RT: 3.506 min Scan# 210  
 Delta R.T. 0.006 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

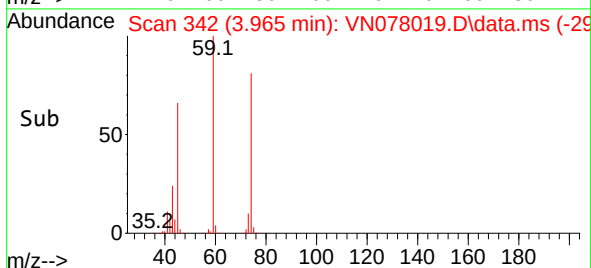
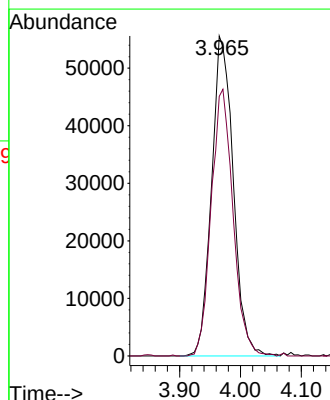
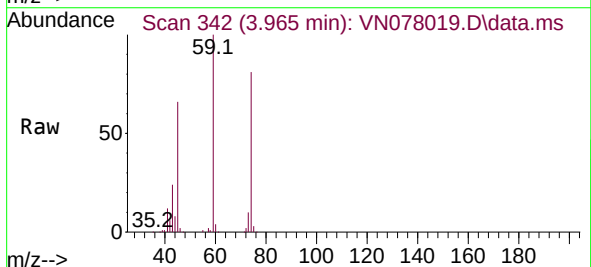
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 374062  
 Ion Ratio Lower Upper  
 101 100  
 103 63.6 50.7 76.1

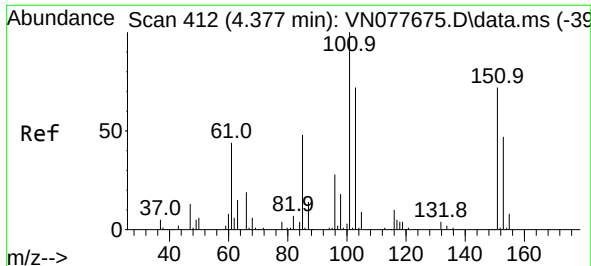


#8  
 Diethyl Ether  
 Concen: 47.800 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

Tgt Ion: 74 Resp: 137305  
 Ion Ratio Lower Upper  
 74 100  
 45 84.0 34.4 103.3



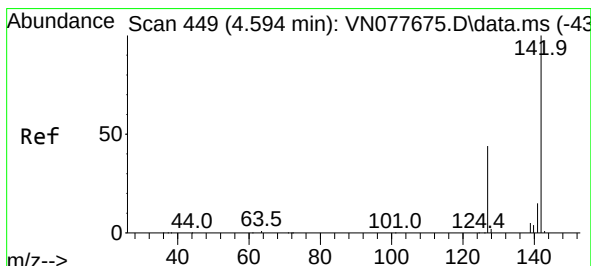
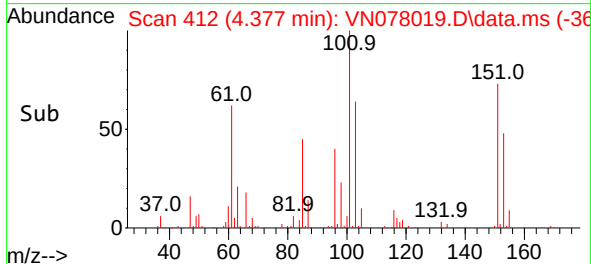
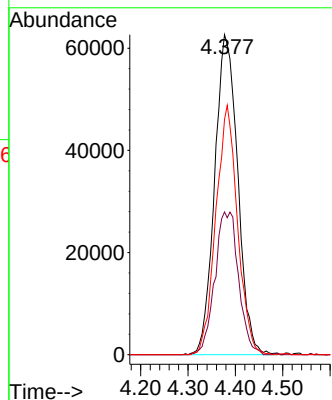
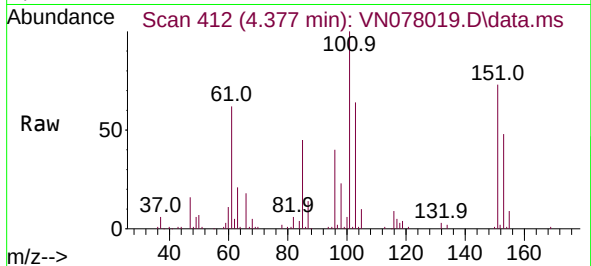




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.605 ug/l  
RT: 4.377 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

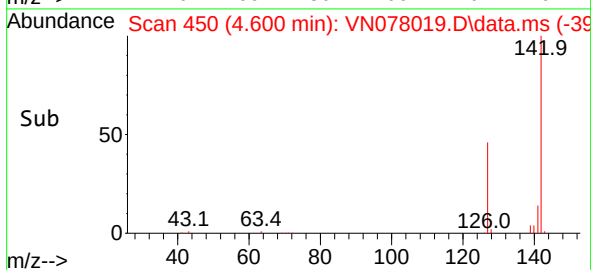
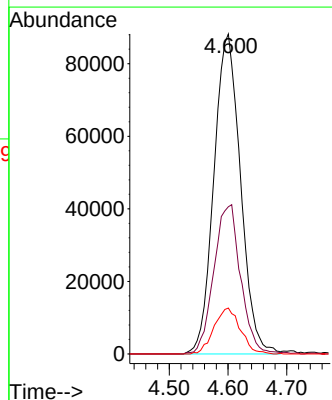
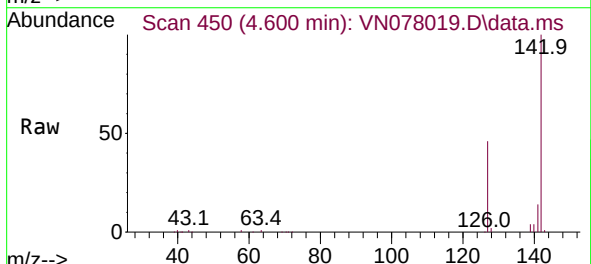
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

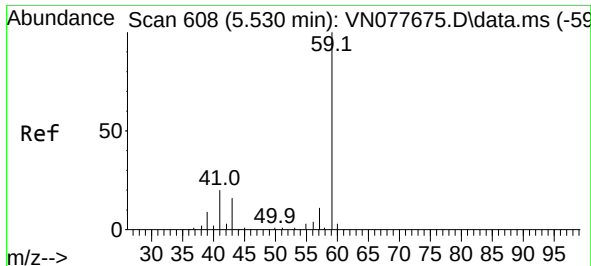
Tgt Ion:101 Resp: 211647  
Ion Ratio Lower Upper  
101 100  
85 45.9 36.6 55.0  
151 73.3 57.6 86.4



#10  
Methyl Iodide  
Concen: 53.415 ug/l  
RT: 4.600 min Scan# 450  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:142 Resp: 277384  
Ion Ratio Lower Upper  
142 100  
127 46.0 37.6 56.4  
141 14.4 11.4 17.0

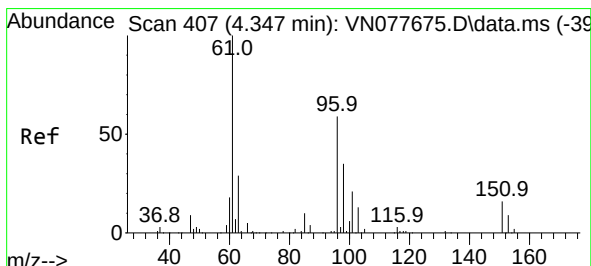
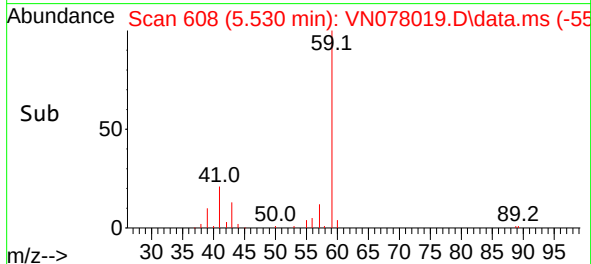
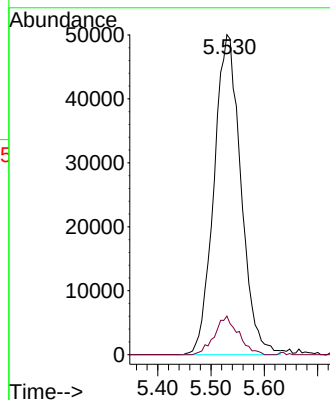
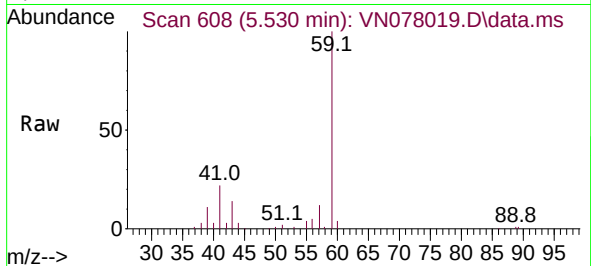




#11  
Tert butyl alcohol  
Concen: 216.145 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

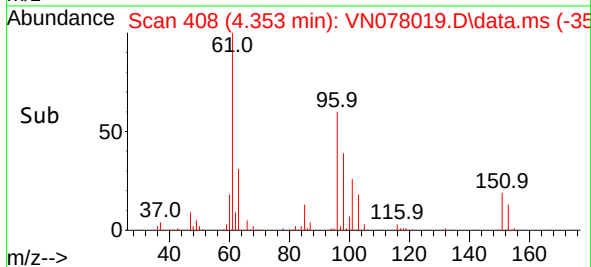
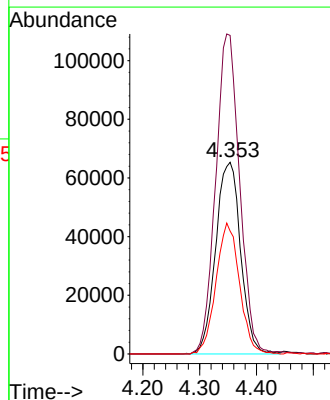
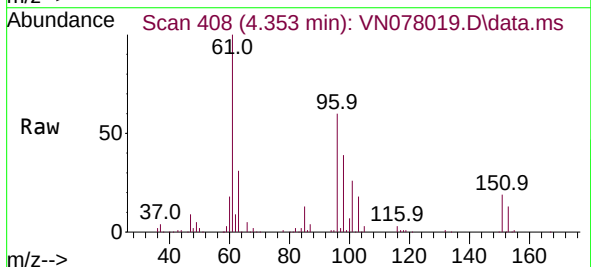
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

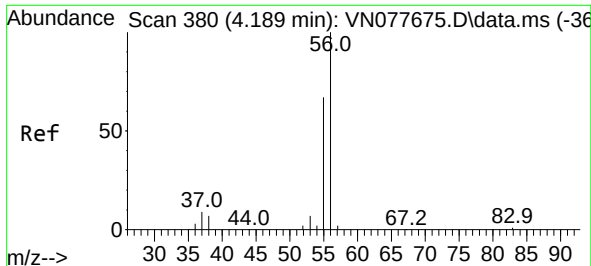
Tgt Ion: 59 Resp: 175627  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 48.227 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 96 Resp: 199591  
Ion Ratio Lower Upper  
96 100  
61 166.2 112.7 169.1  
98 64.1 51.2 76.8

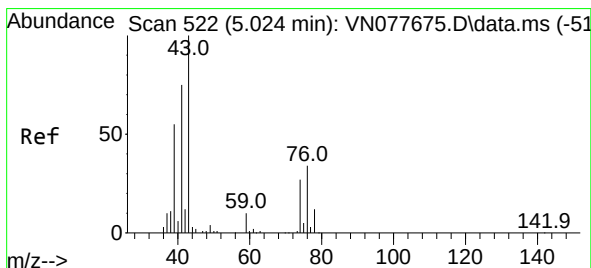
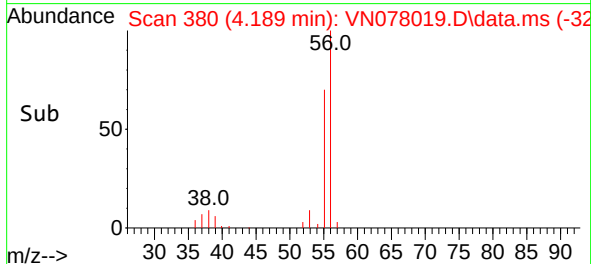
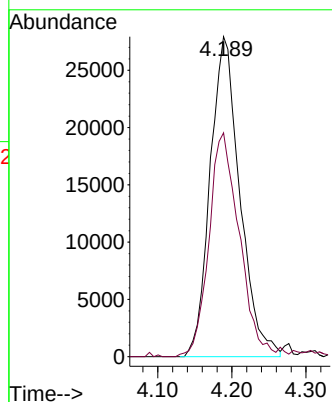
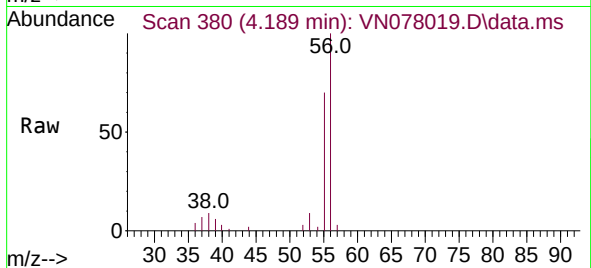




#13  
Acrolein  
Concen: 141.489 ug/l  
RT: 4.189 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

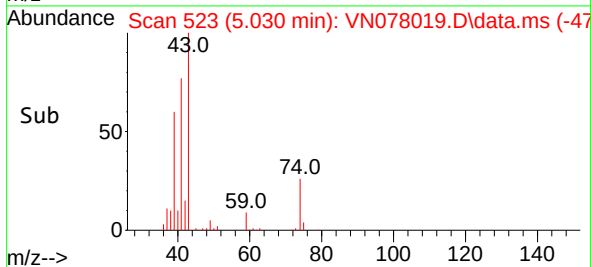
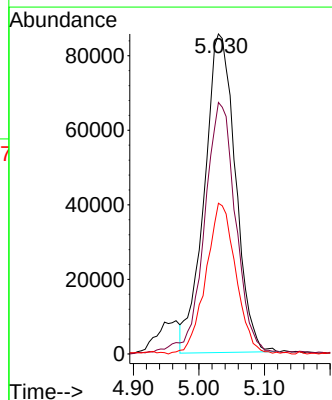
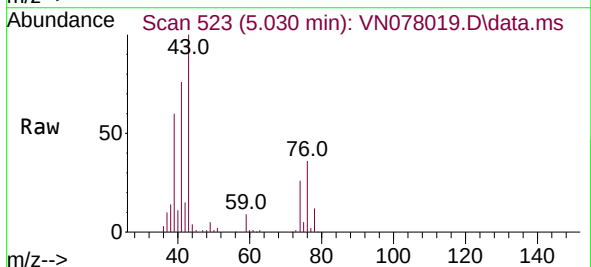
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

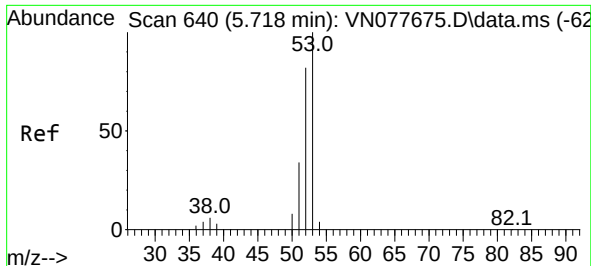
Tgt Ion: 56 Resp: 77826  
Ion Ratio Lower Upper  
56 100  
55 71.1 54.5 81.7



#14  
Allyl chloride  
Concen: 46.184 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 41 Resp: 280792  
Ion Ratio Lower Upper  
41 100  
39 80.3 58.8 88.2  
76 45.8 39.1 58.7

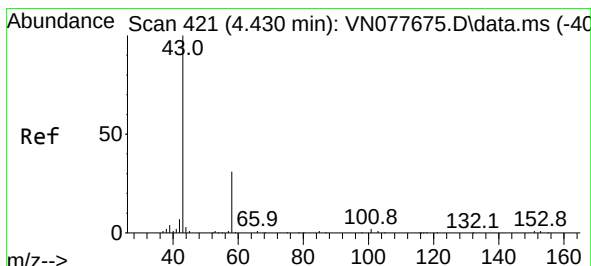
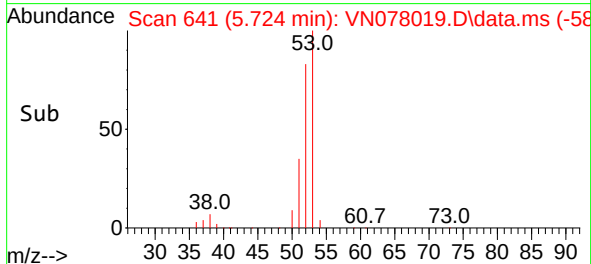
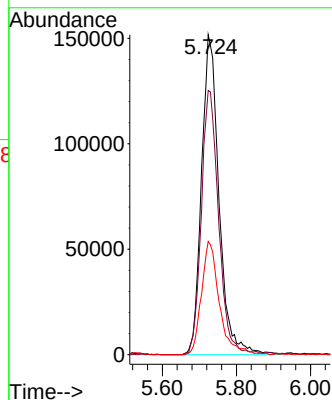
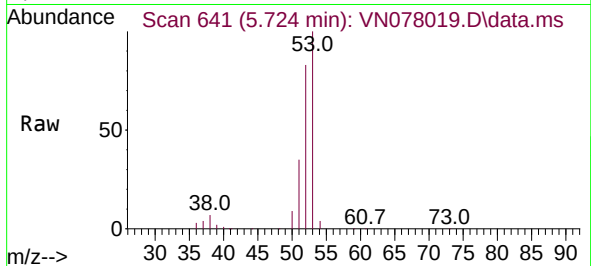




#15  
Acrylonitrile  
Concen: 229.135 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

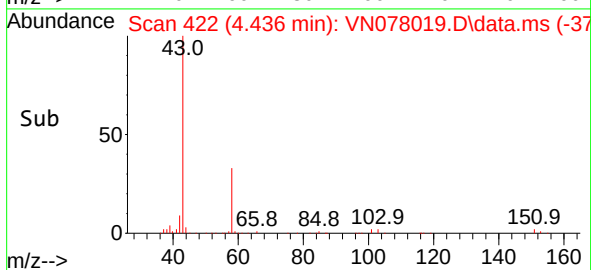
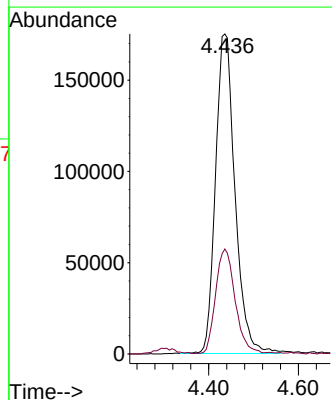
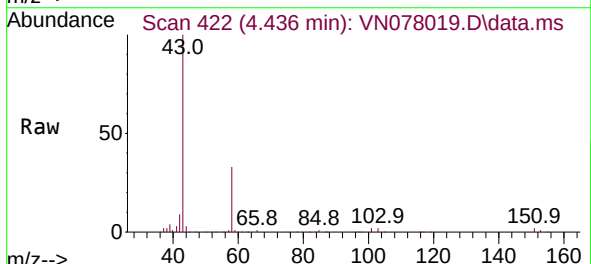
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

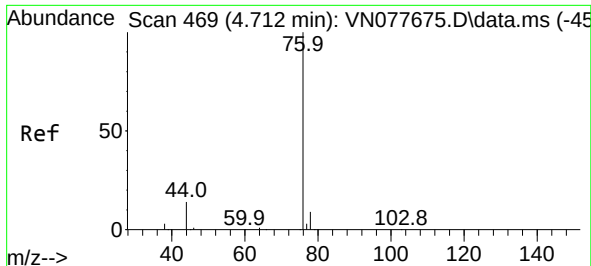
Tgt Ion: 53 Resp: 497406  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.3 97.9  
51 36.1 28.9 43.3



#16  
Acetone  
Concen: 285.270 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 43 Resp: 528408  
Ion Ratio Lower Upper  
43 100  
58 32.4 28.0 42.0

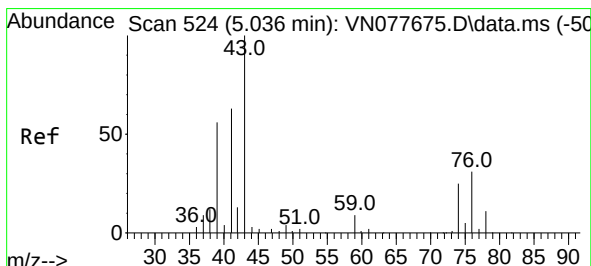
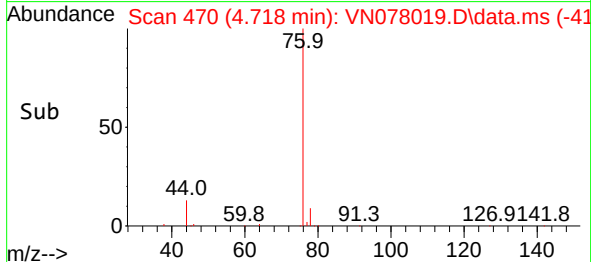
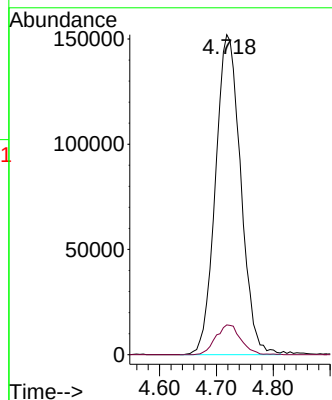
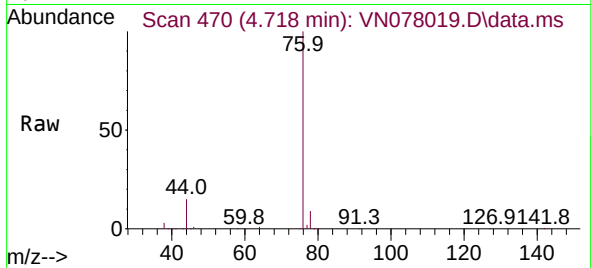




#17  
Carbon Disulfide  
Concen: 42.071 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

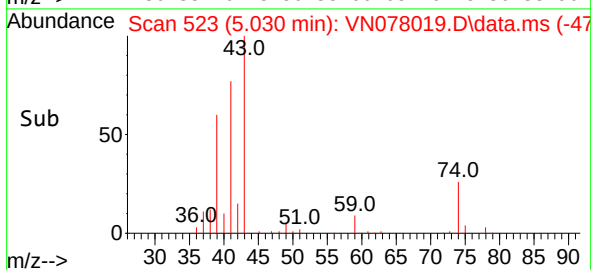
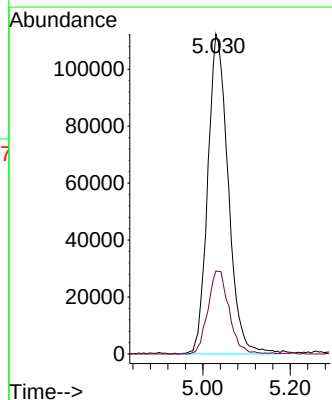
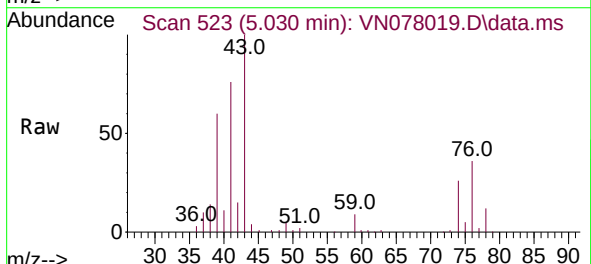
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

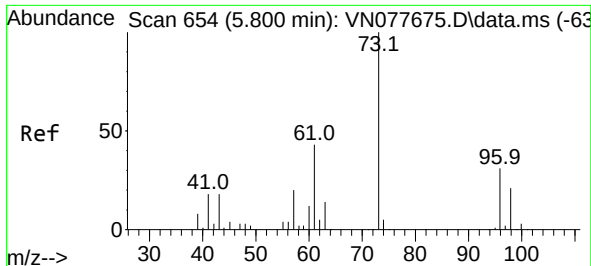
Tgt Ion: 76 Resp: 469144  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.0



#18  
Methyl Acetate  
Concen: 46.994 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 43 Resp: 365179  
Ion Ratio Lower Upper  
43 100  
74 26.8 26.2 39.4

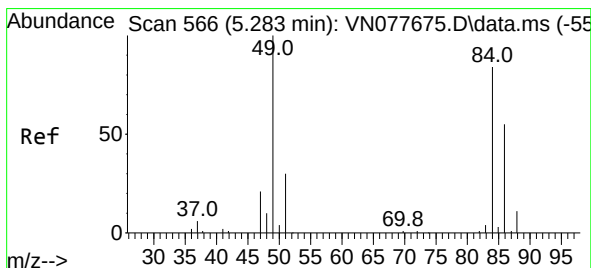
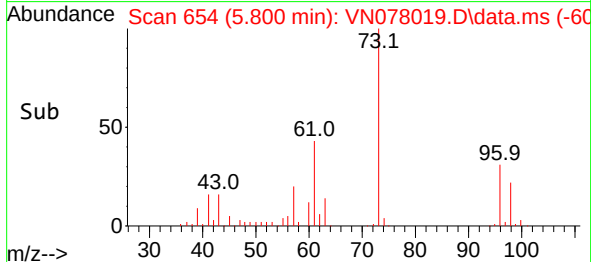
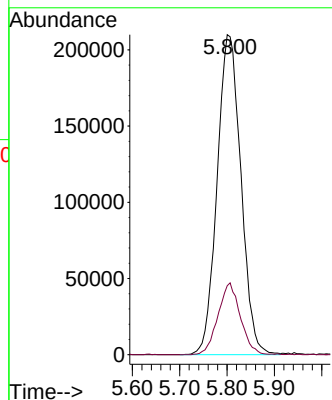
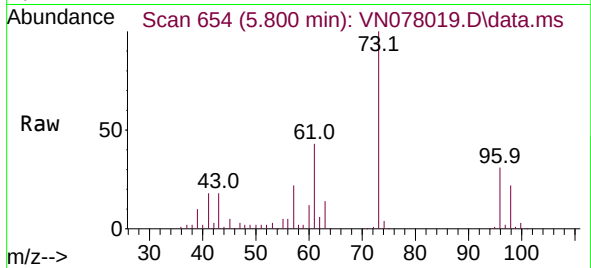




#19  
Methyl tert-butyl Ether  
Concen: 48.953 ug/l  
RT: 5.800 min Scan# 619  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

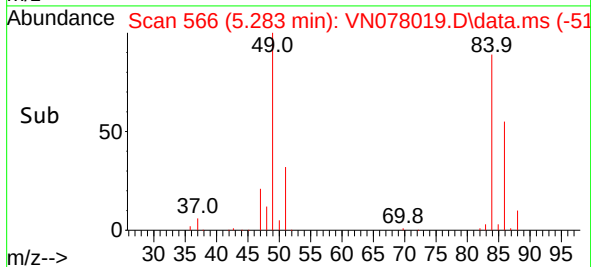
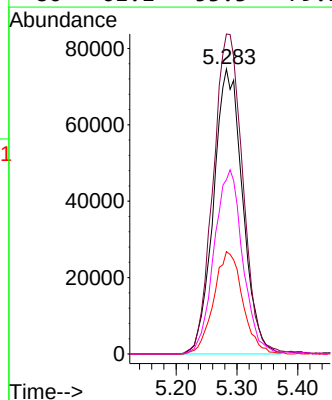
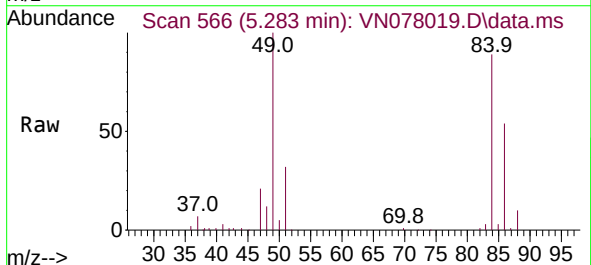
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

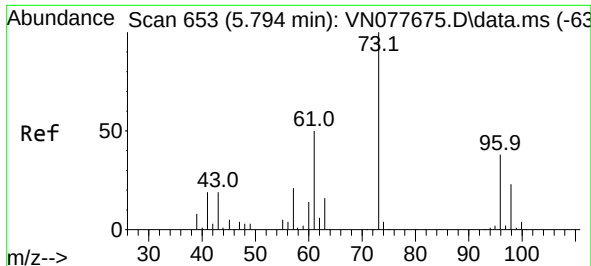
Tgt Ion: 73 Resp: 733323  
Ion Ratio Lower Upper  
73 100  
57 21.6 15.6 23.4



#20  
Methylene Chloride  
Concen: 51.387 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 84 Resp: 247483  
Ion Ratio Lower Upper  
84 100  
49 112.3 79.7 119.5  
51 35.9 25.2 37.8  
86 61.1 53.3 79.9

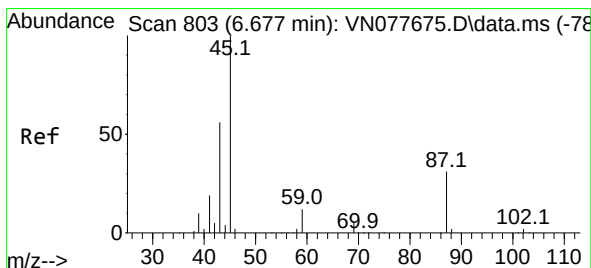
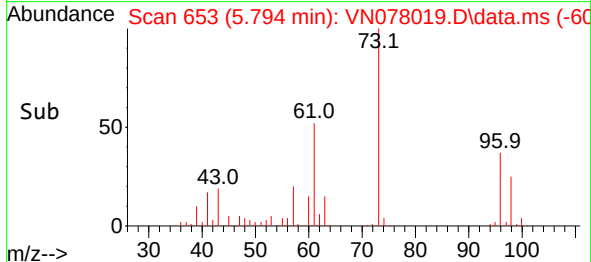
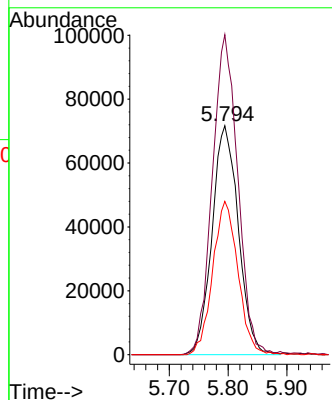
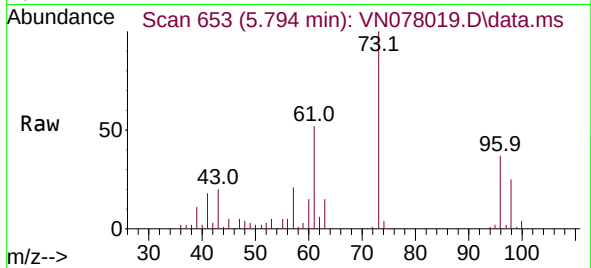




#21  
trans-1,2-Dichloroethene  
Concen: 47.906 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

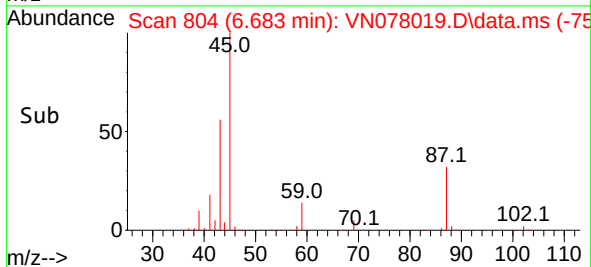
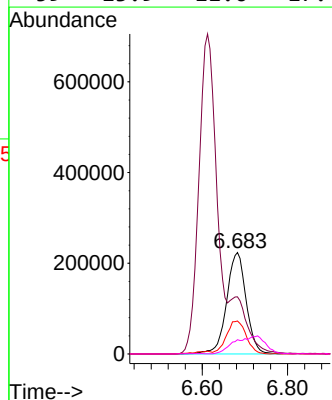
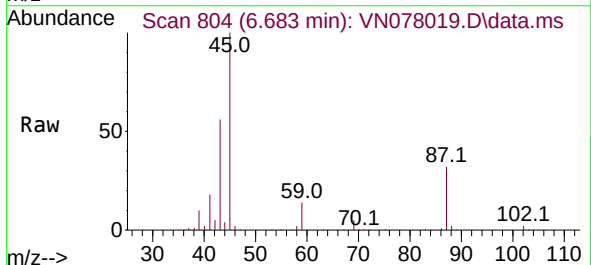
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

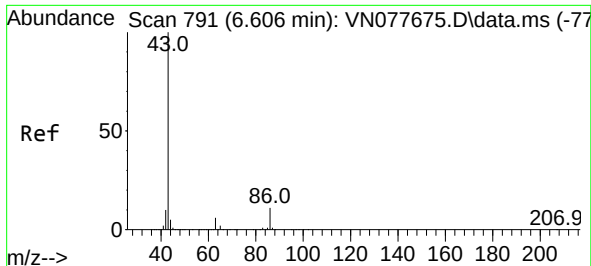
Tgt Ion: 96 Resp: 222708  
Ion Ratio Lower Upper  
96 100  
61 139.8 90.1 135.1#  
98 66.9 46.4 69.6



#22  
Diisopropyl ether  
Concen: 49.968 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 45 Resp: 712070  
Ion Ratio Lower Upper  
45 100  
43 55.9 45.5 68.3  
87 32.3 31.8 47.8  
59 13.9 11.6 17.4

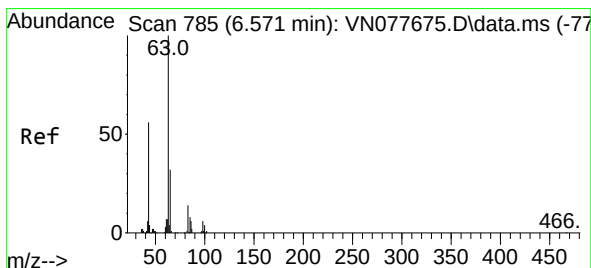
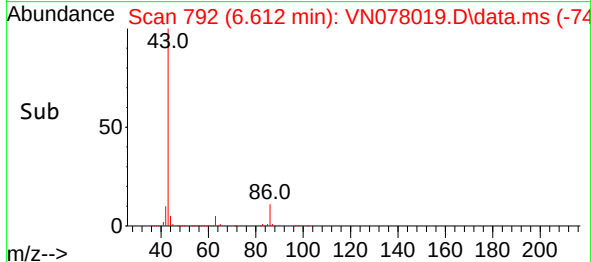
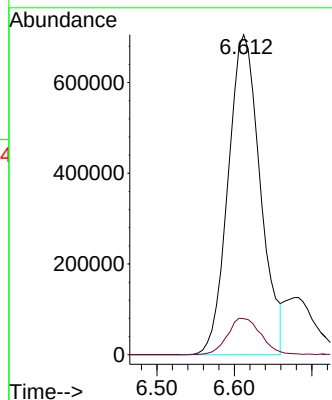
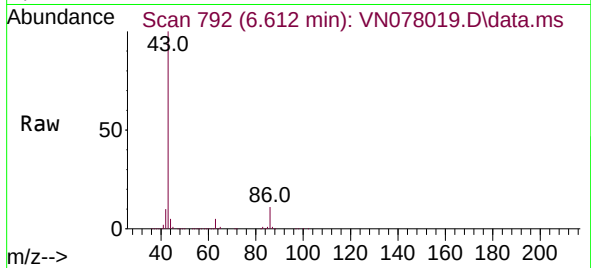




#23  
 Vinyl Acetate  
 Concen: 231.036 ug/l  
 RT: 6.612 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

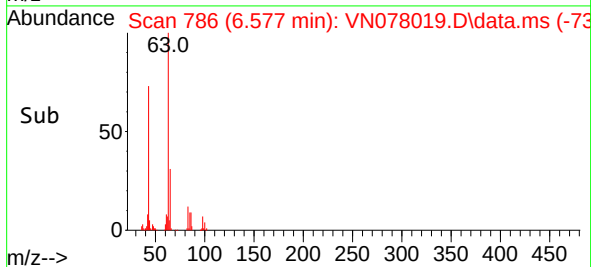
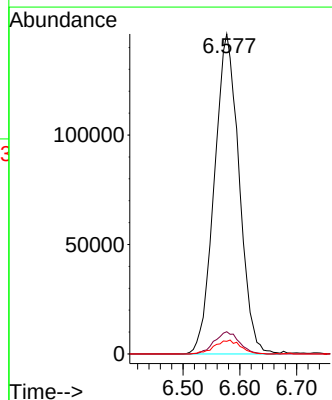
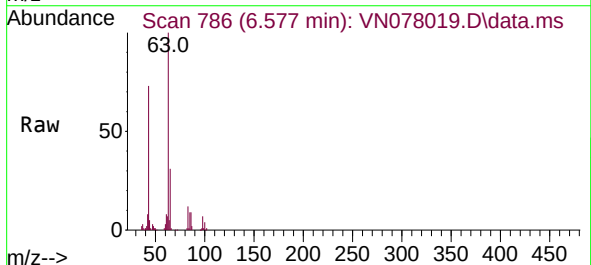
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2039909  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 13.0 19.6#

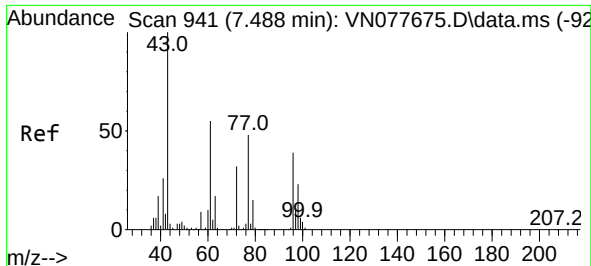


#24  
 1,1-Dichloroethane  
 Concen: 50.634 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.006 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

Tgt Ion: 63 Resp: 442068  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.9 11.7  
 100 4.0 2.5 7.4







#25

2-Butanone

Concen: 236.562 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

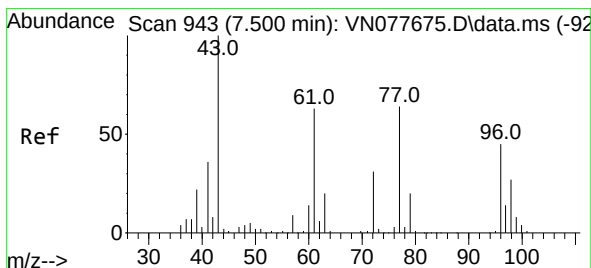
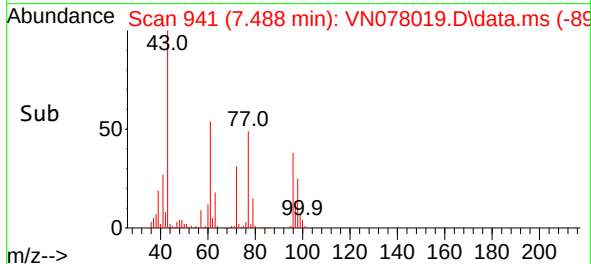
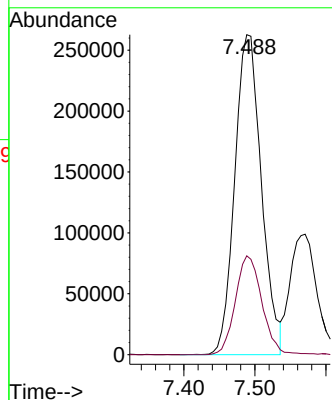
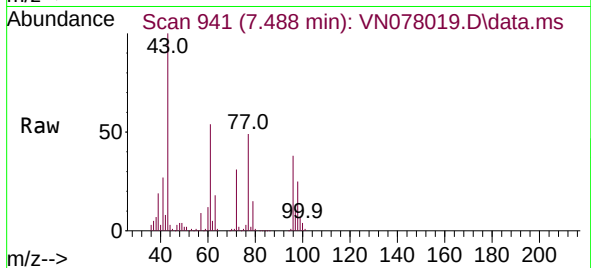
VSTDCCC050

Tgt Ion: 43 Resp: 685456

Ion Ratio Lower Upper

43 100

72 30.9 30.2 45.2



#26

2,2-Dichloropropane

Concen: 53.317 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078019.D

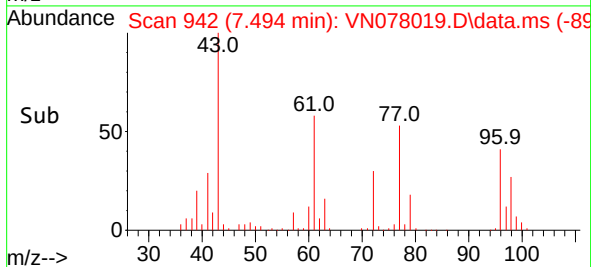
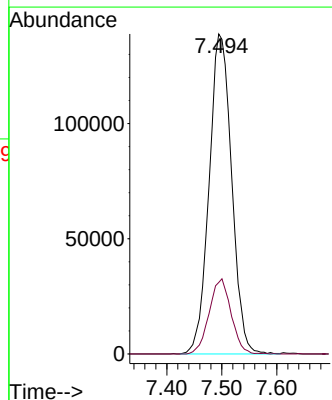
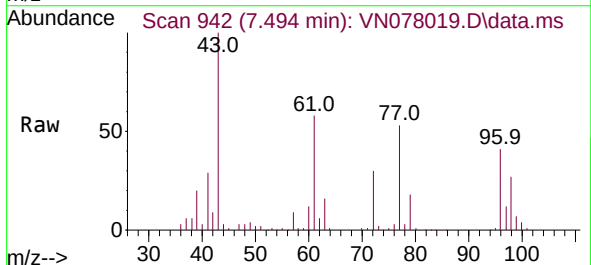
Acq: 02 Jun 2023 09:00

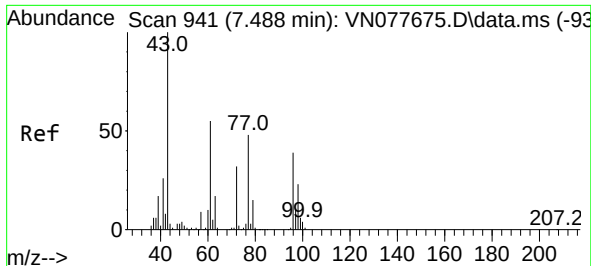
Tgt Ion: 77 Resp: 395465

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.362 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

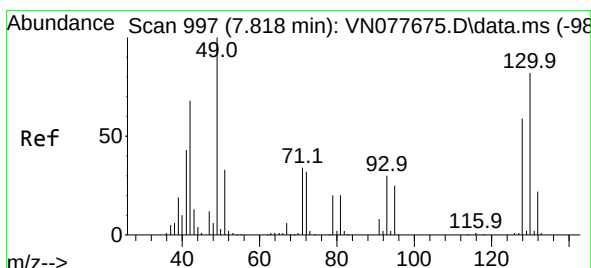
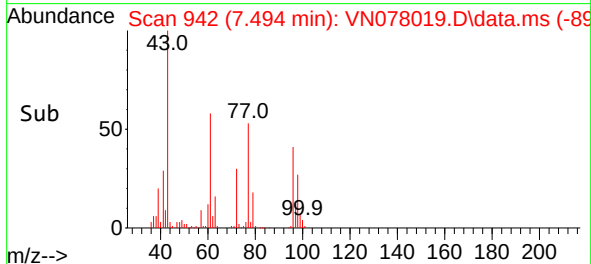
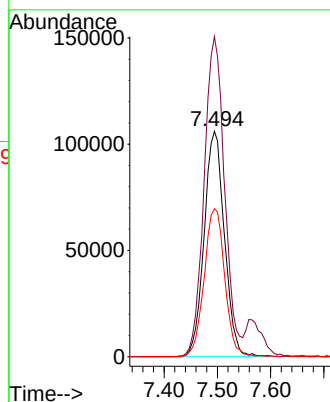
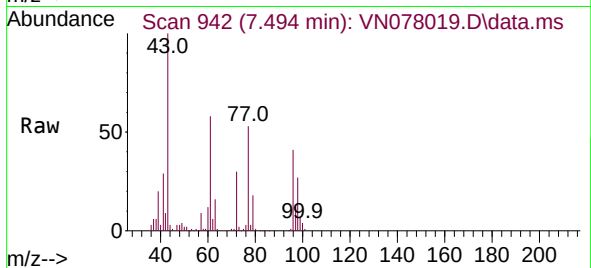
Tgt Ion: 96 Resp: 280726

Ion Ratio Lower Upper

96 100

61 143.3 0.0 255.2

98 66.5 0.0 128.8



#28

Bromochloromethane

Concen: 49.940 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

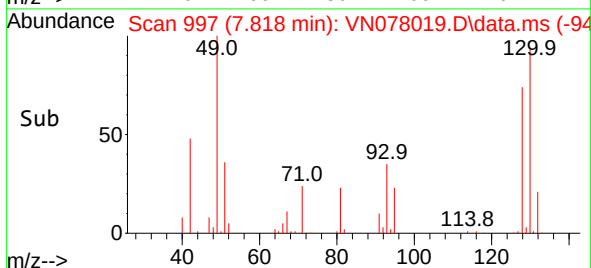
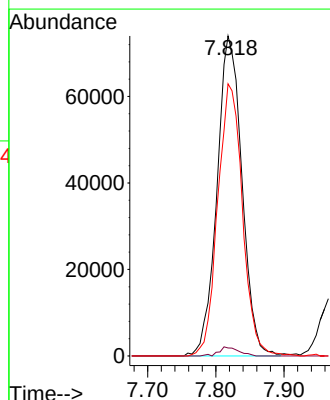
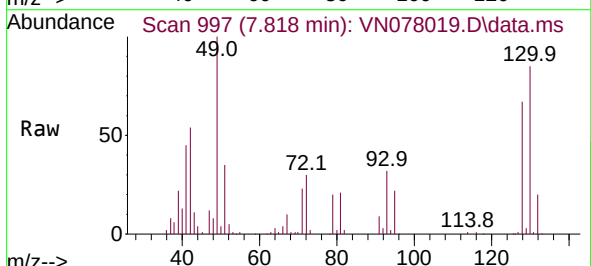
Tgt Ion: 49 Resp: 188565

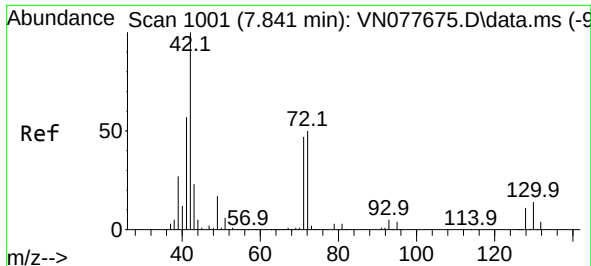
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 84.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 216.759 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

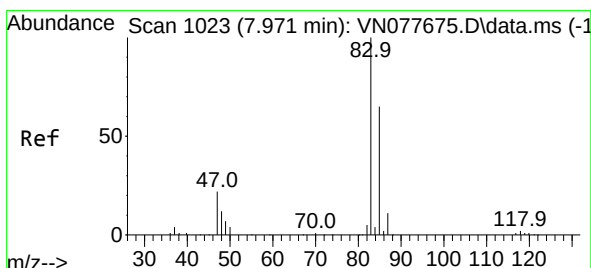
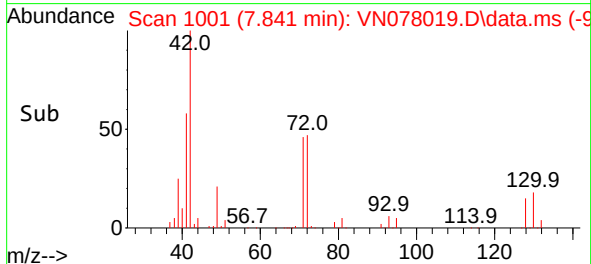
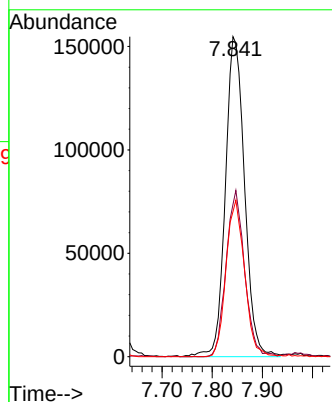
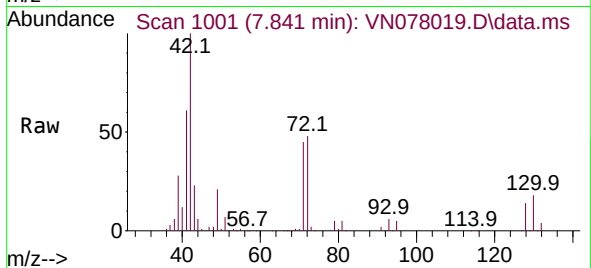
Tgt Ion: 42 Resp: 411258

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 47.3 47.4 71.2#



#30

Chloroform

Concen: 50.524 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078019.D

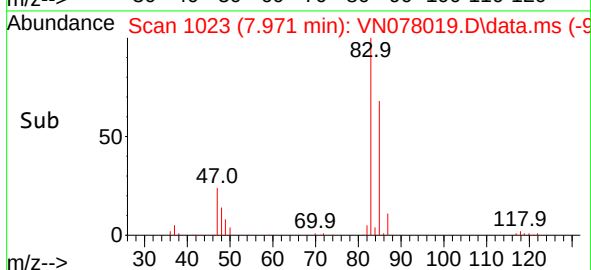
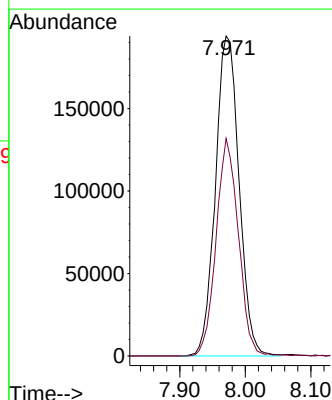
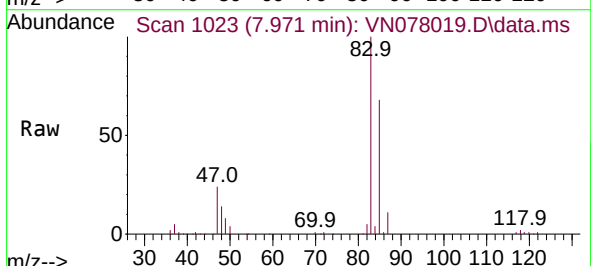
Acq: 02 Jun 2023 09:00

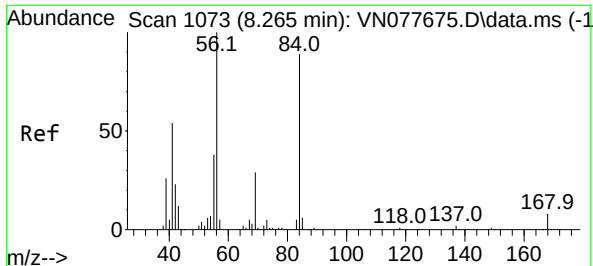
Tgt Ion: 83 Resp: 485227

Ion Ratio Lower Upper

83 100

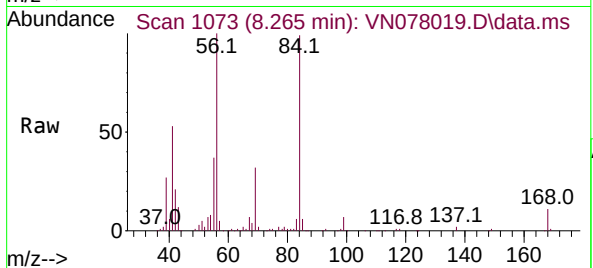
85 67.9 55.4 83.0



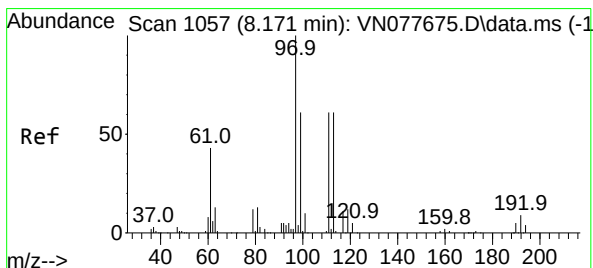
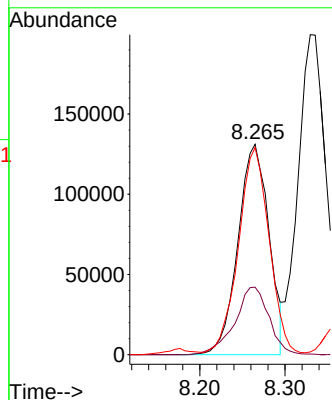
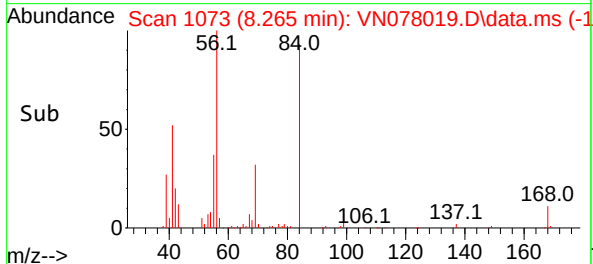


#31  
Cyclohexane  
Concen: 41.447 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

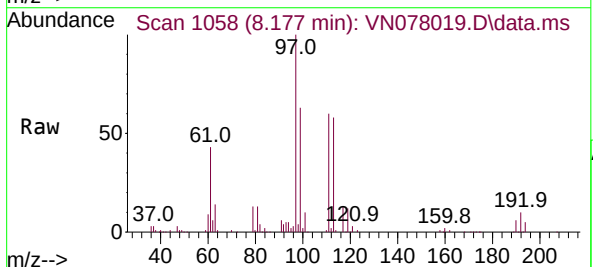
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050



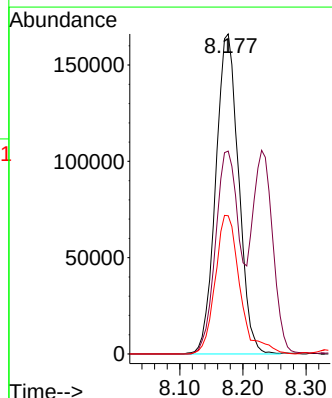
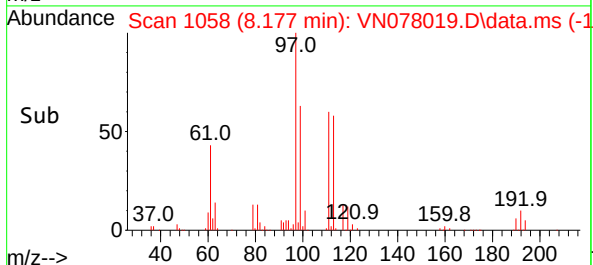
Tgt Ion: 56 Resp: 331656  
Ion Ratio Lower Upper  
56 100  
69 32.1 26.8 40.2  
84 95.6 81.8 122.6

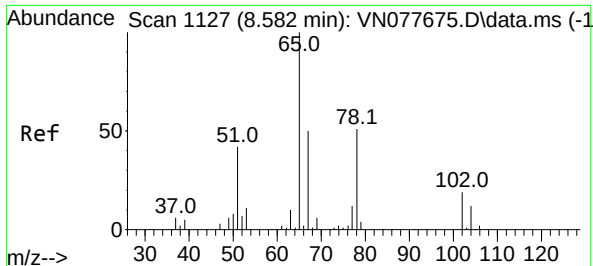


#32  
1,1,1-Trichloroethane  
Concen: 51.264 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00



Tgt Ion: 97 Resp: 418580  
Ion Ratio Lower Upper  
97 100  
99 66.9 50.3 75.5  
61 46.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.807 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

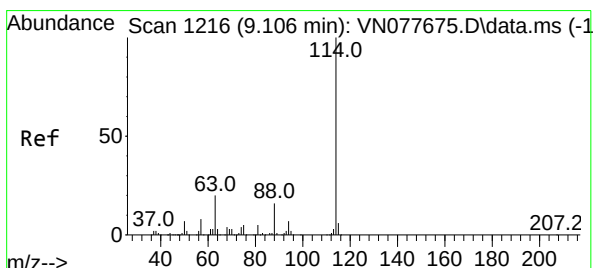
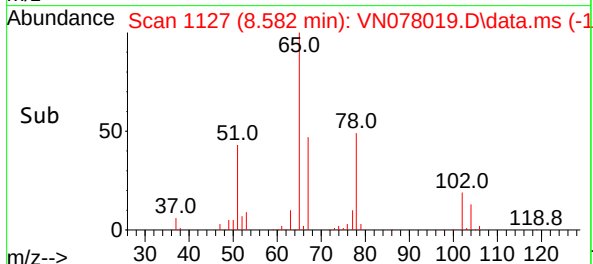
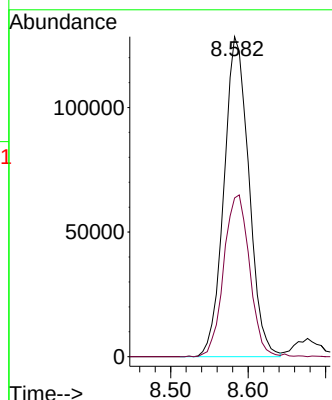
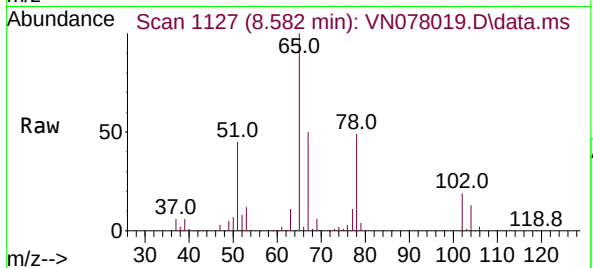
VSTDCCC050

Tgt Ion: 65 Resp: 287357

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

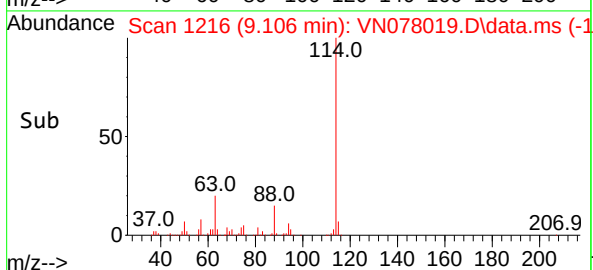
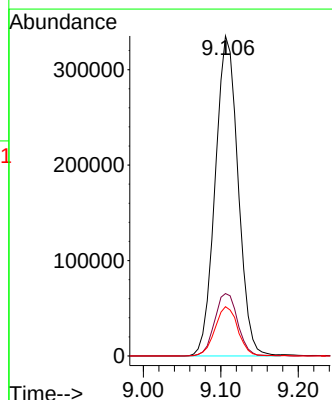
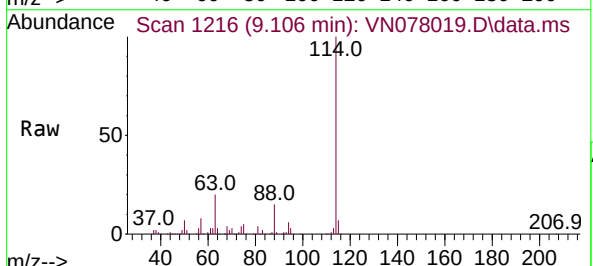
Tgt Ion: 114 Resp: 688994

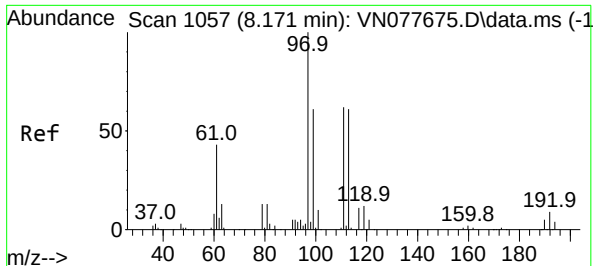
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.628 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

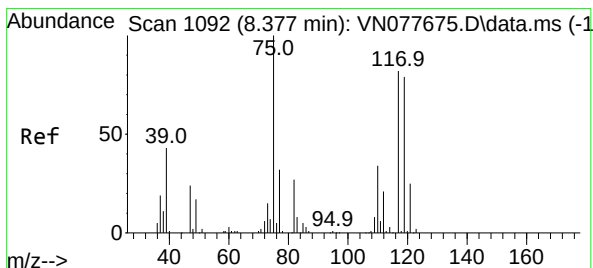
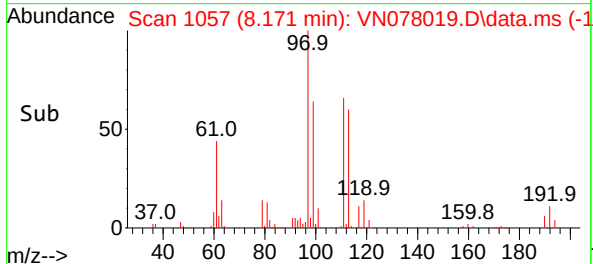
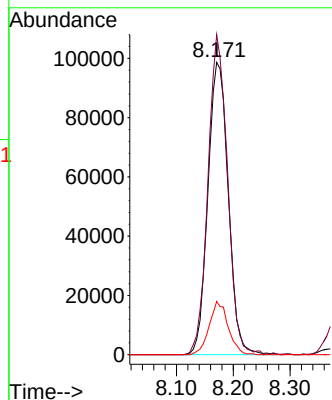
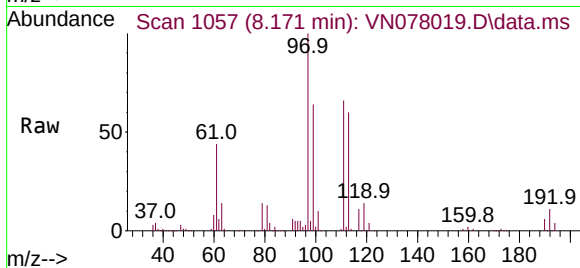
Tgt Ion:113 Resp: 245434

Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 52.651 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

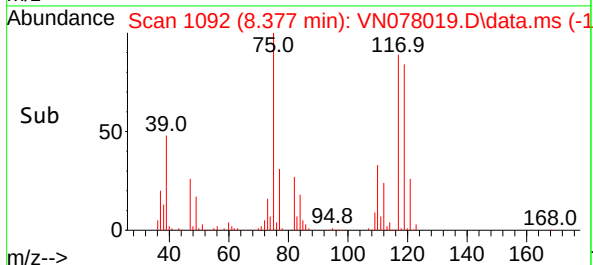
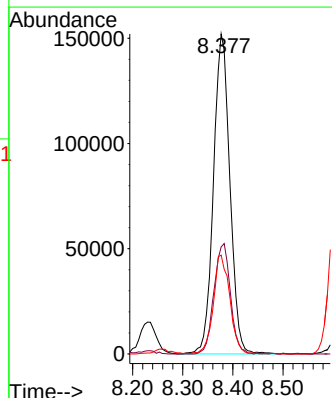
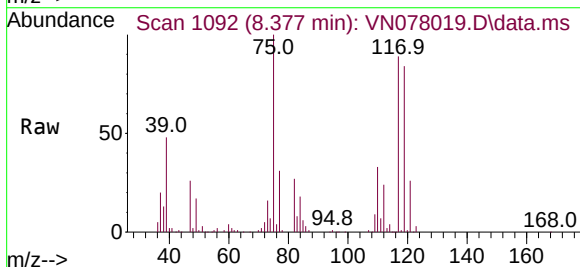
Tgt Ion: 75 Resp: 345996

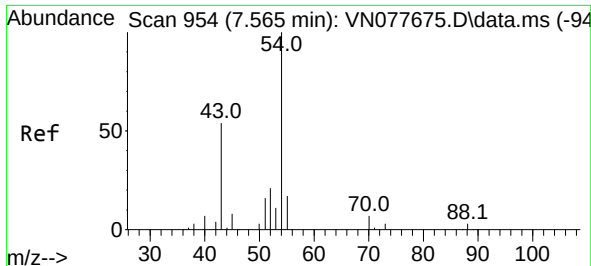
Ion Ratio Lower Upper

75 100

110 34.6 19.1 57.3

77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 45.013 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

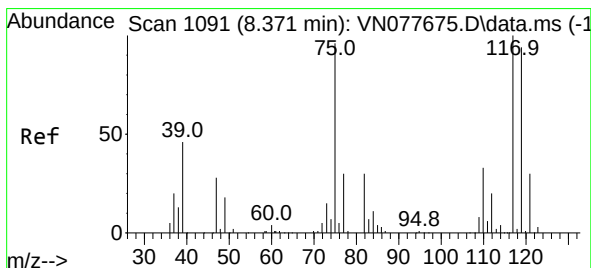
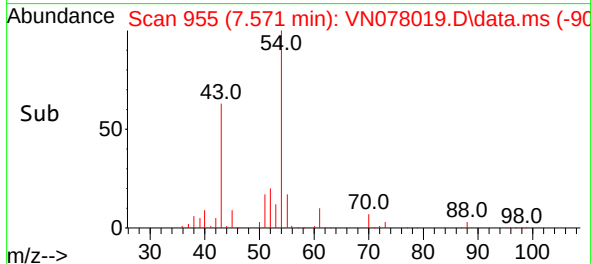
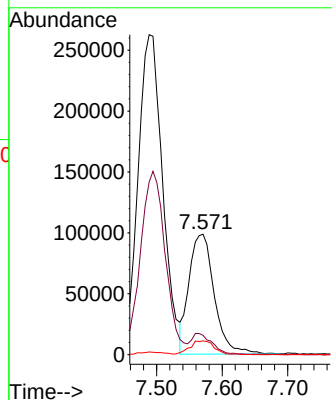
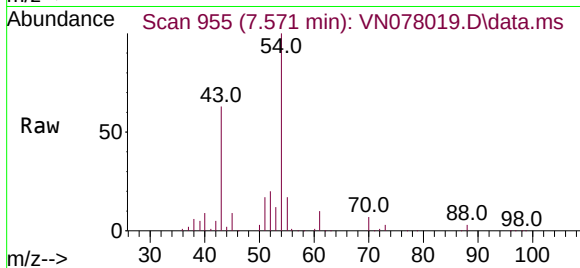
Tgt Ion: 43 Resp: 263653

Ion Ratio Lower Upper

43 100

61 14.0 13.2 19.8

70 11.3 11.3 16.9



#38

Carbon Tetrachloride

Concen: 55.391 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

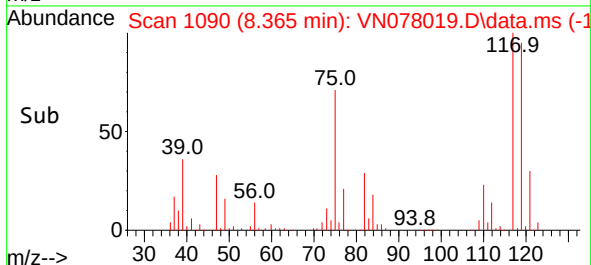
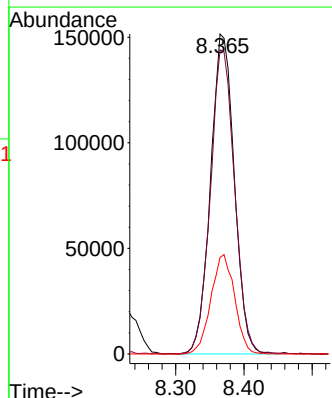
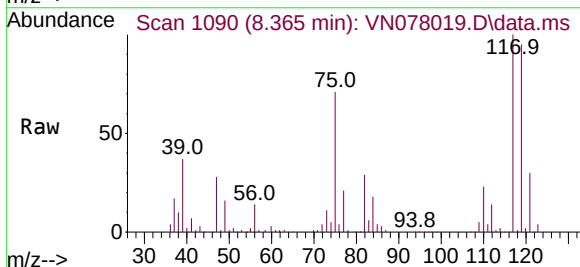
Tgt Ion: 117 Resp: 367567

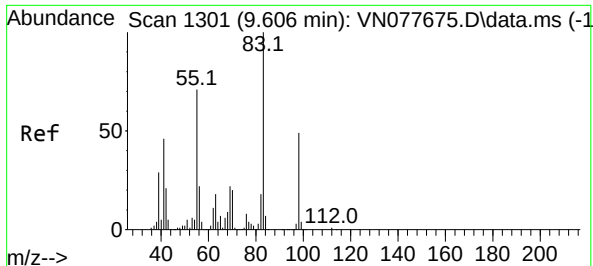
Ion Ratio Lower Upper

117 100

119 94.9 77.3 115.9

121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 41.321 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

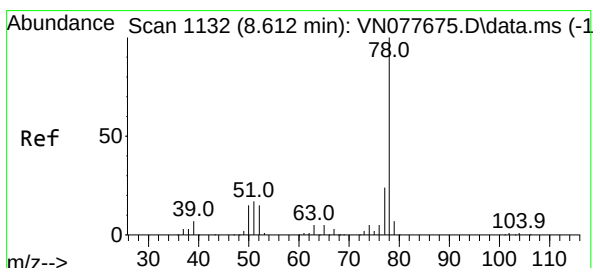
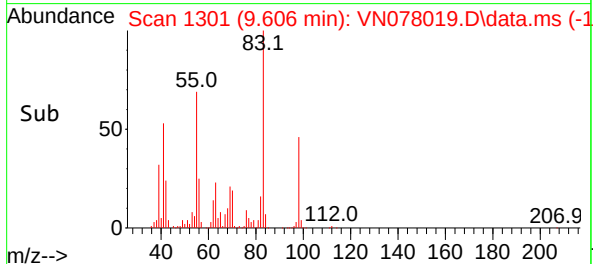
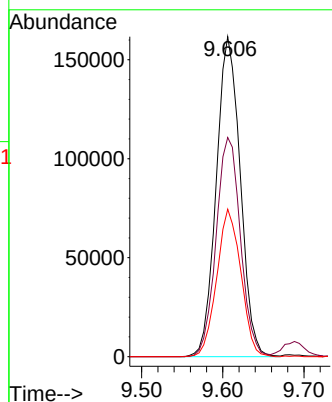
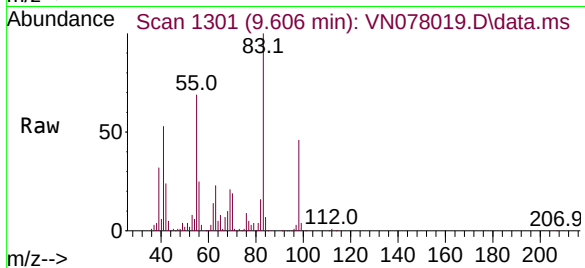
Tgt Ion: 83 Resp: 332435

Ion Ratio Lower Upper

83 100

55 68.5 49.1 73.7

98 46.1 40.6 61.0



#40

Benzene

Concen: 53.605 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN078019.D

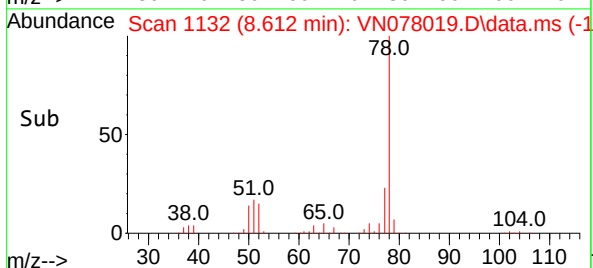
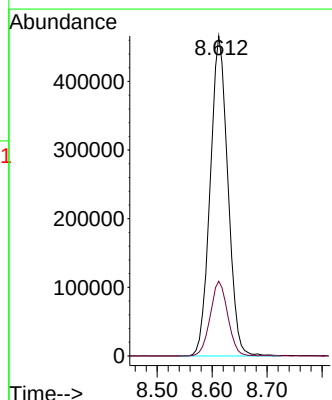
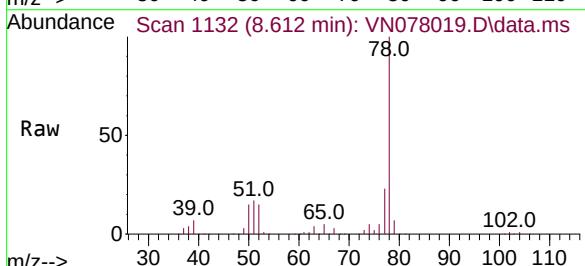
Acq: 02 Jun 2023 09:00

Tgt Ion: 78 Resp: 1039526

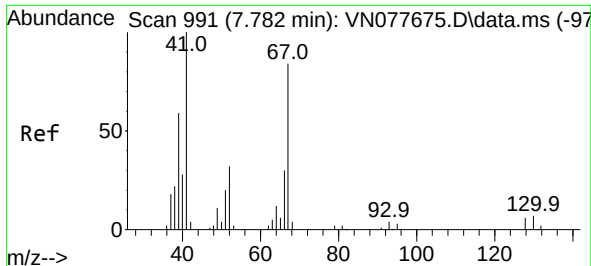
Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6





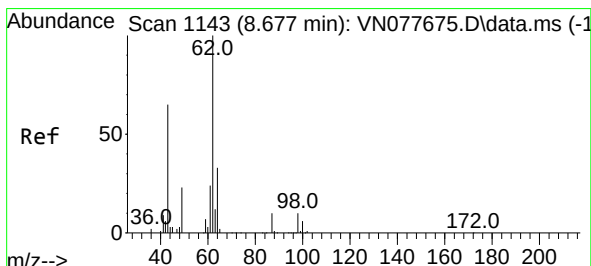
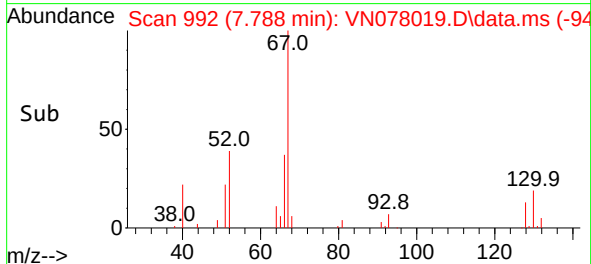
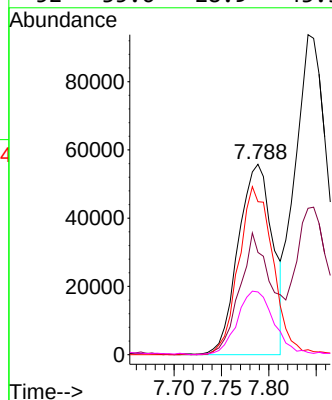
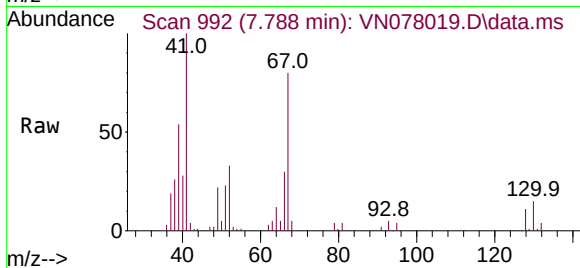


#41  
Methacrylonitrile  
Concen: 45.460 ug/l  
RT: 7.788 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 141805

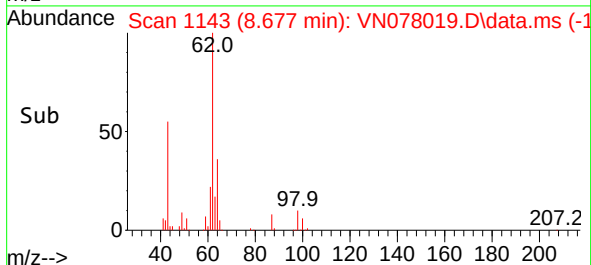
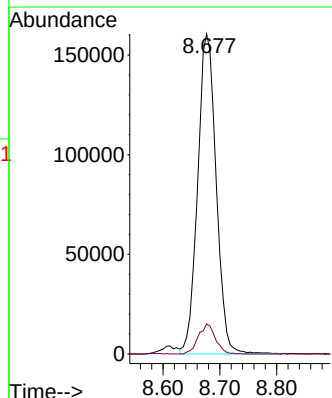
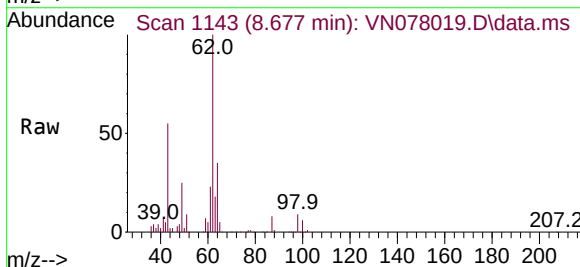
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.5  | 42.6  | 64.0  |
| 67  | 87.6  | 77.5  | 116.3 |
| 52  | 35.6  | 28.9  | 43.3  |

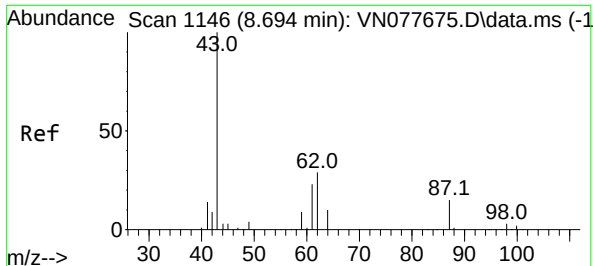


#42  
1,2-Dichloroethane  
Concen: 51.667 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 62 Resp: 363960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 19.8  |

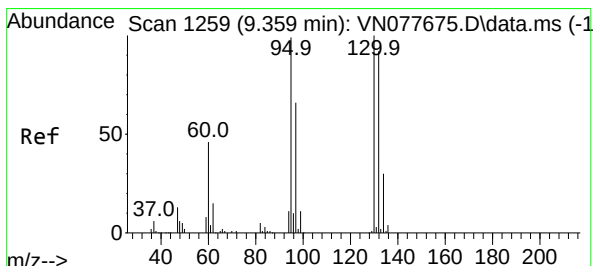
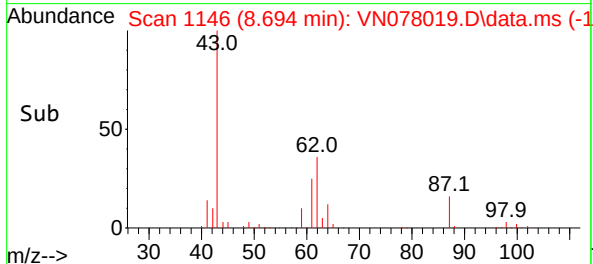
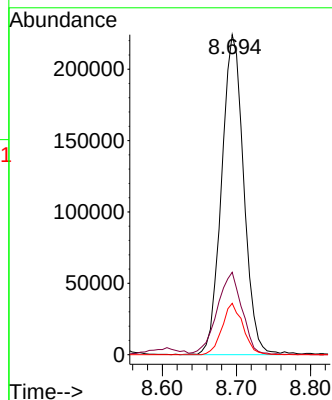
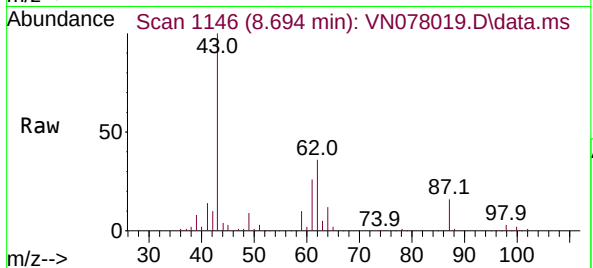




#43  
Isopropyl Acetate  
Concen: 48.511 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

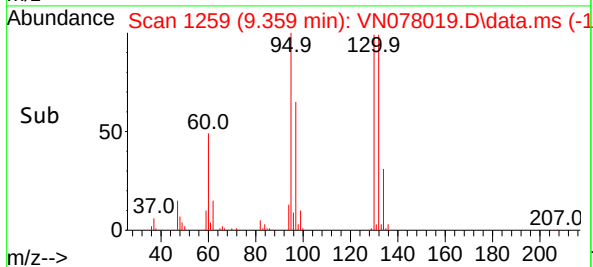
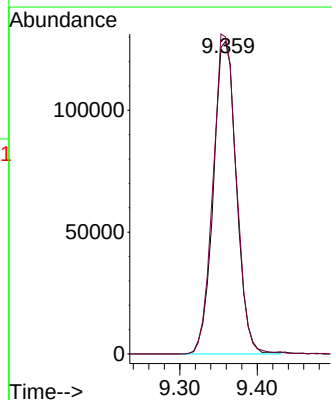
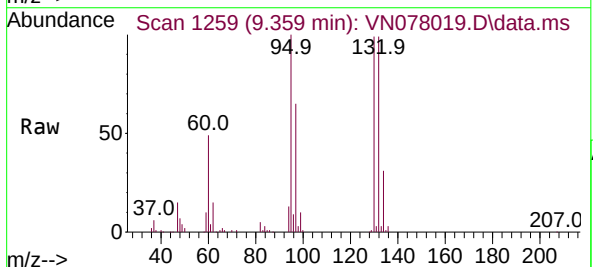
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

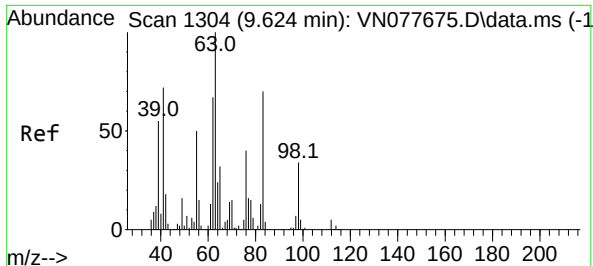
Tgt Ion: 43 Resp: 464116  
Ion Ratio Lower Upper  
43 100  
61 29.2 24.7 37.1  
87 15.1 14.6 21.8



#44  
Trichloroethene  
Concen: 53.872 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:130 Resp: 264528  
Ion Ratio Lower Upper  
130 100  
95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.088 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

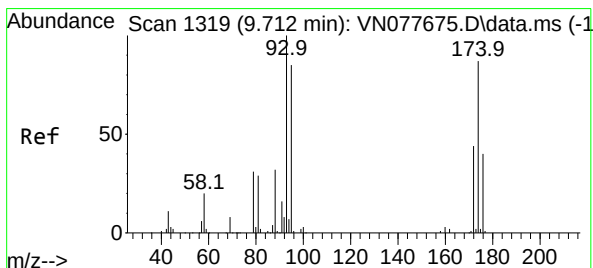
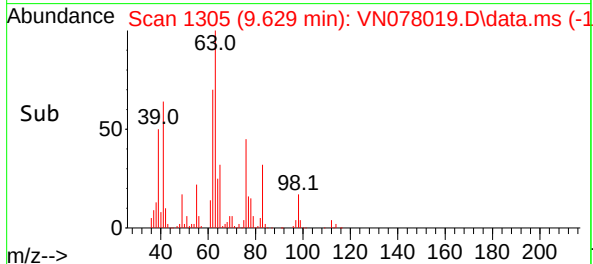
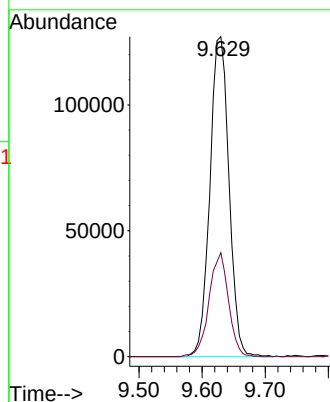
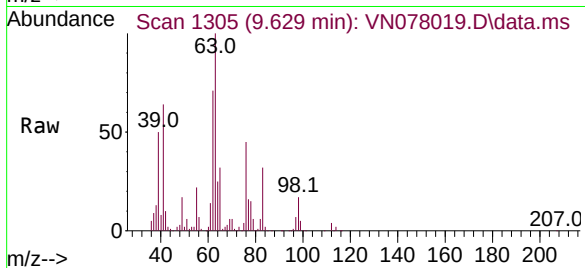
VSTDCCC050

Tgt Ion: 63 Resp: 267542

Ion Ratio Lower Upper

63 100

65 32.5 23.9 35.9



#46

Dibromomethane

Concen: 52.392 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

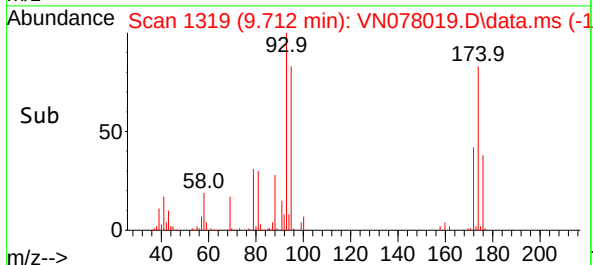
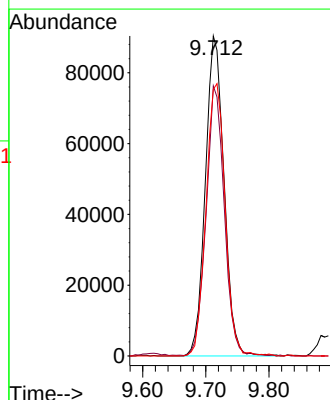
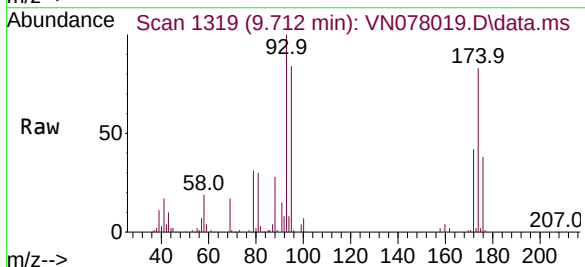
Tgt Ion: 93 Resp: 185442

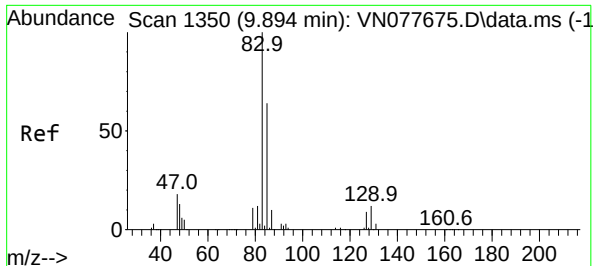
Ion Ratio Lower Upper

93 100

95 81.6 63.8 95.8

174 87.5 65.6 98.4

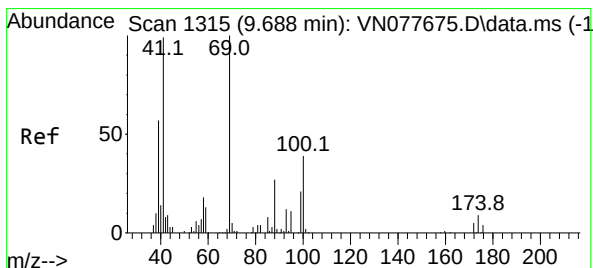
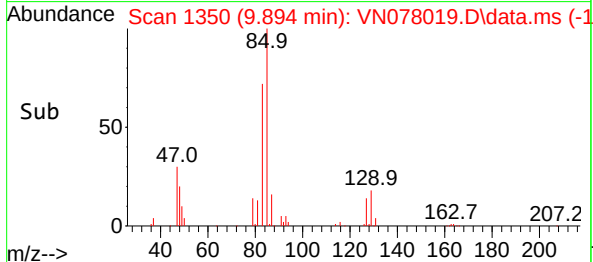
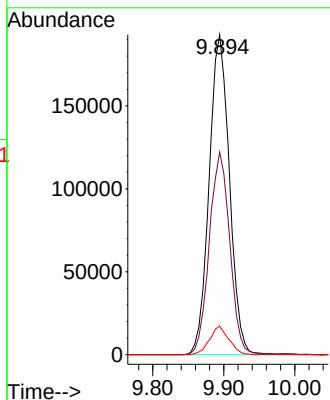
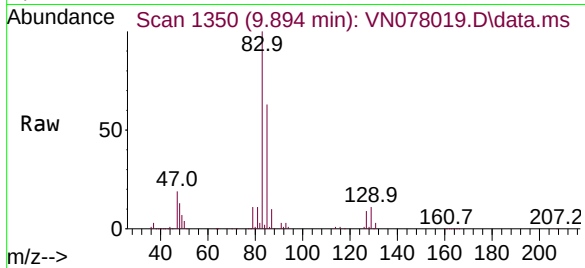




#47  
Bromodichloromethane  
Concen: 56.531 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

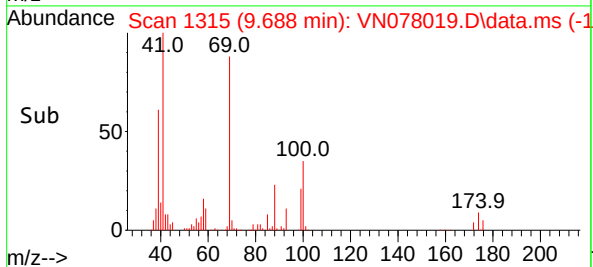
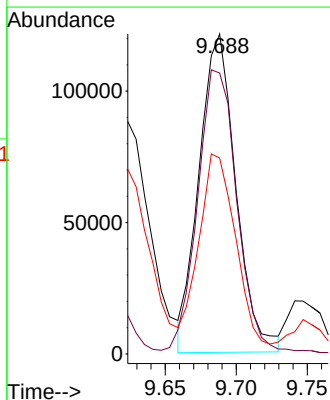
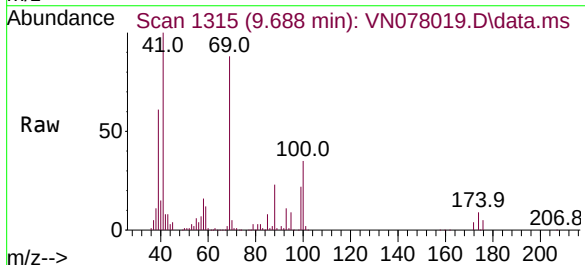
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

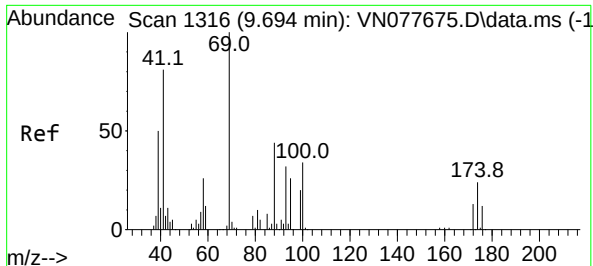
Tgt Ion: 83 Resp: 383074  
Ion Ratio Lower Upper  
83 100  
85 63.3 49.6 74.4  
127 8.9 7.0 10.6



#48  
Methyl methacrylate  
Concen: 48.235 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 41 Resp: 218791  
Ion Ratio Lower Upper  
41 100  
69 95.7 90.4 135.6  
39 64.6 54.6 81.8





#49

1,4-Dioxane

Concen: 953.642 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

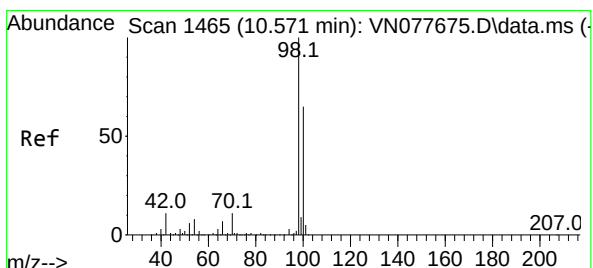
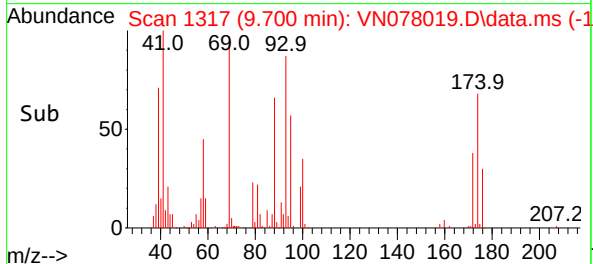
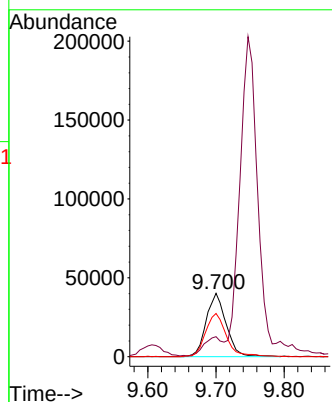
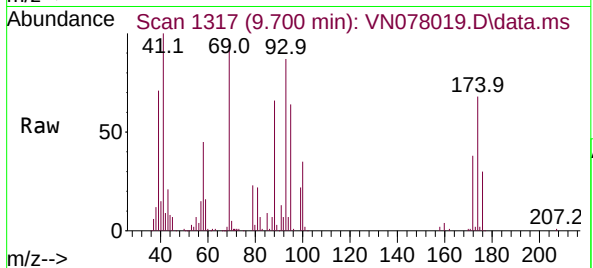
Tgt Ion: 88 Resp: 81701

Ion Ratio Lower Upper

88 100

43 28.2 17.0 25.6#

58 71.8 47.0 70.4#



#50

Toluene-d8

Concen: 51.801 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078019.D

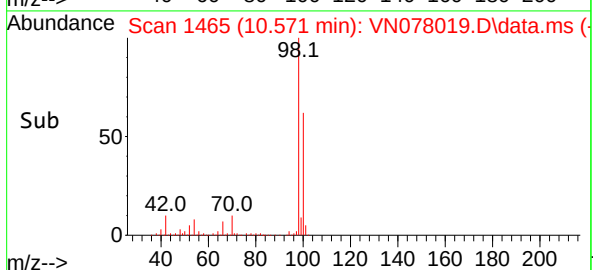
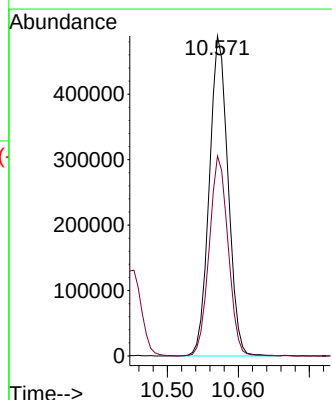
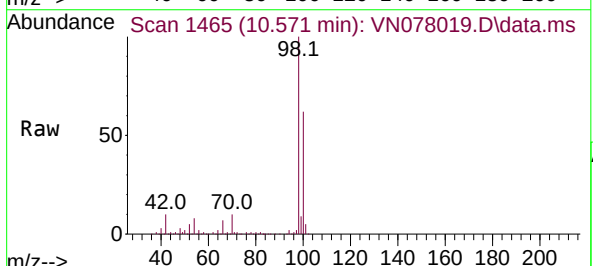
Acq: 02 Jun 2023 09:00

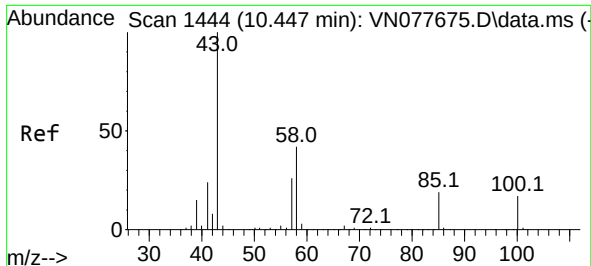
Tgt Ion: 98 Resp: 895814

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

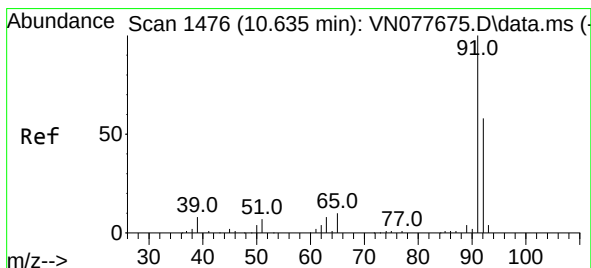
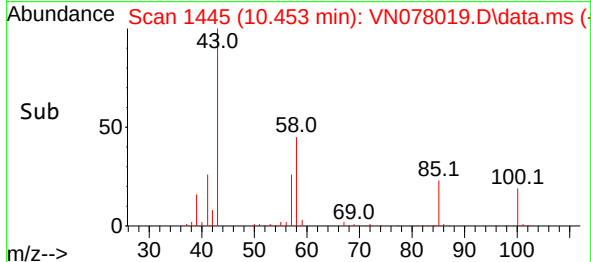
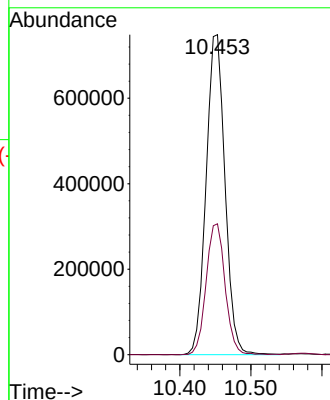
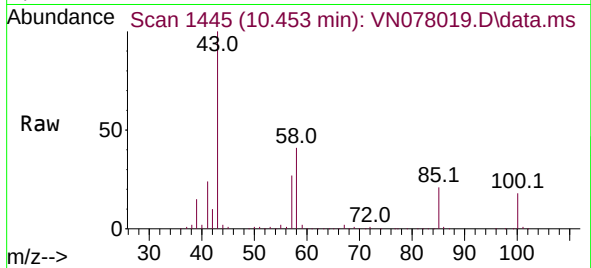




#51  
4-Methyl-2-Pentanone  
Concen: 243.207 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

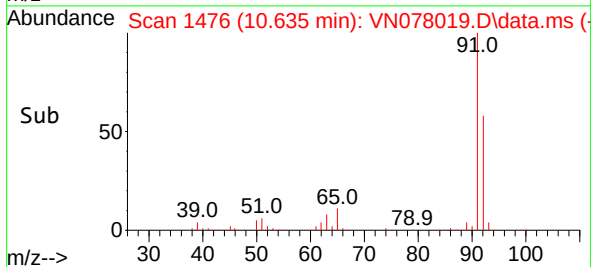
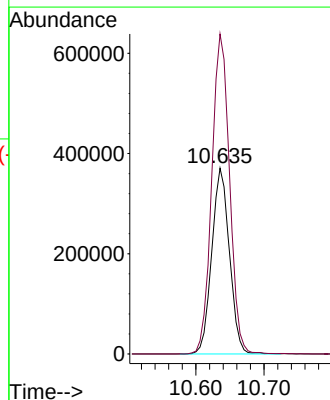
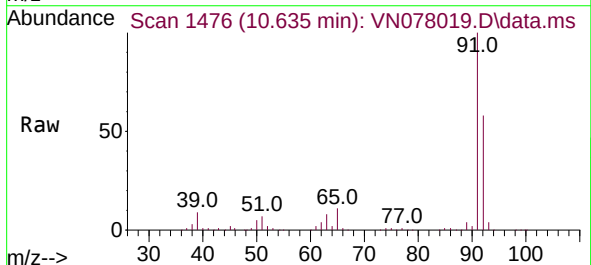
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

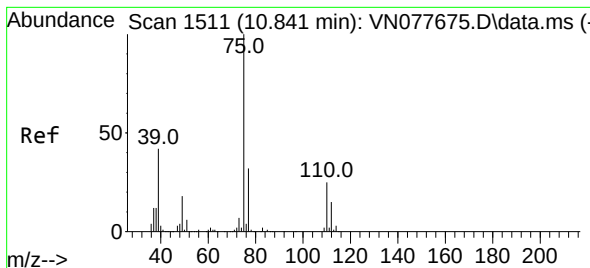
Tgt Ion: 43 Resp: 1383081  
Ion Ratio Lower Upper  
43 100  
58 41.1 36.6 54.8



#52  
Toluene  
Concen: 55.366 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 92 Resp: 668414  
Ion Ratio Lower Upper  
92 100  
91 173.8 137.4 206.0

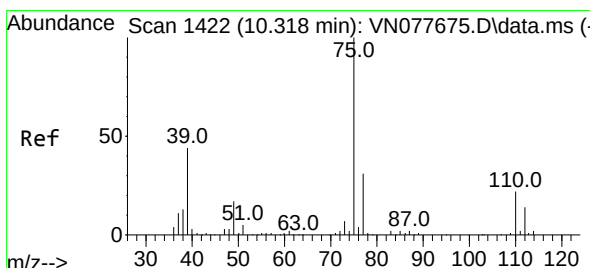
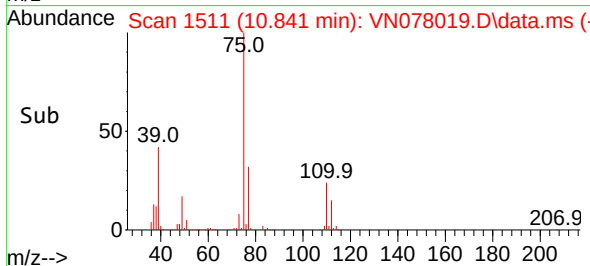
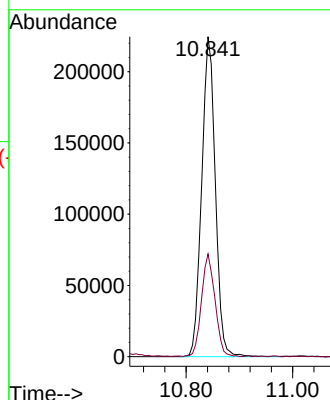
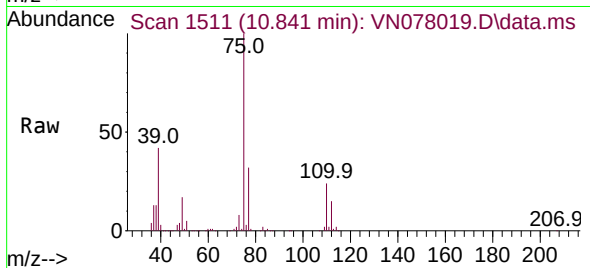




#53  
t-1,3-Dichloropropene  
Concen: 55.617 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

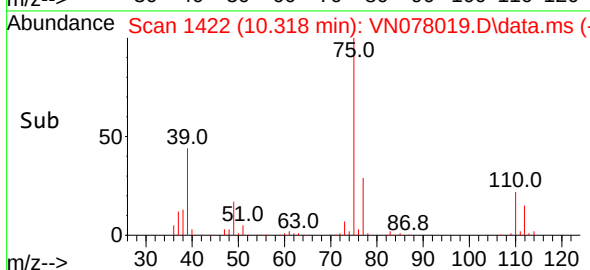
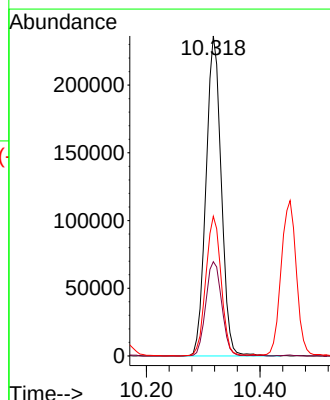
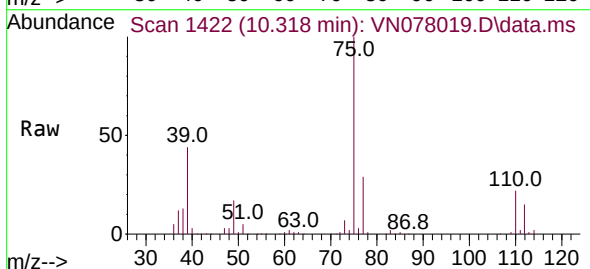
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

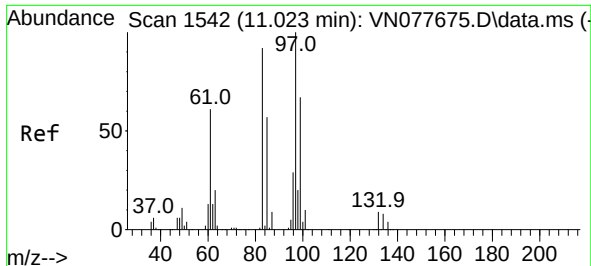
Tgt Ion: 75 Resp: 399109  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 55.563 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 75 Resp: 439393  
Ion Ratio Lower Upper  
75 100  
77 29.5 26.1 39.1  
39 43.6 31.6 47.4

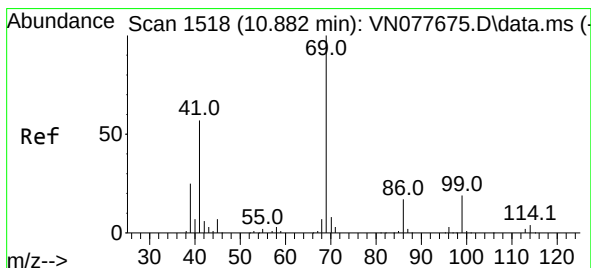
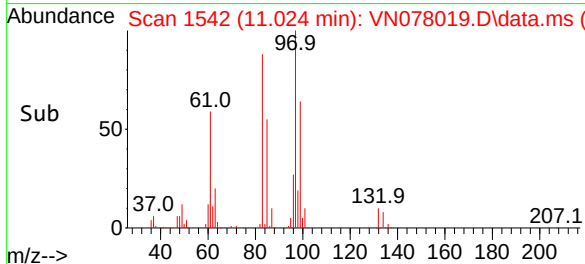
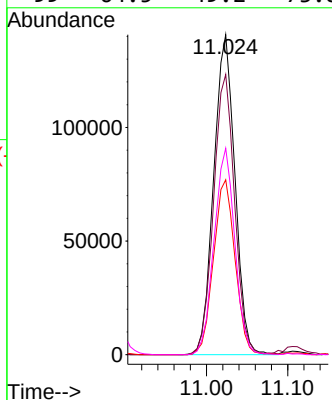
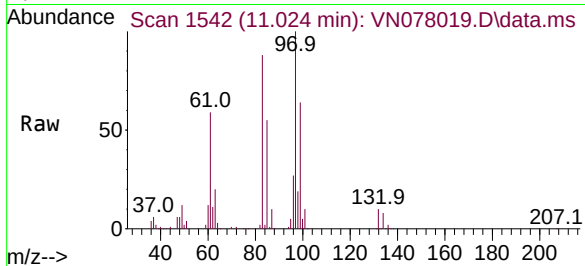




#55  
1,1,2-Trichloroethane  
Concen: 53.366 ug/l  
RT: 11.024 min Scan# 1542  
Delta R.T. 0.001 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

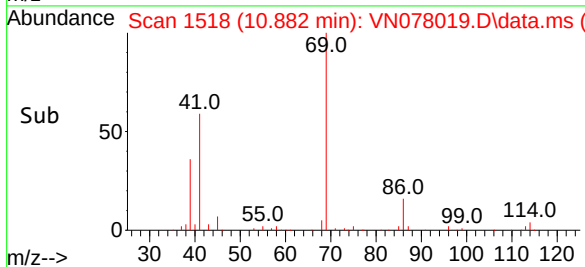
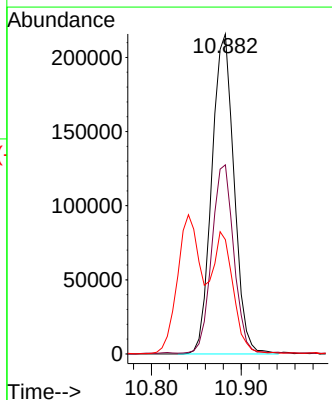
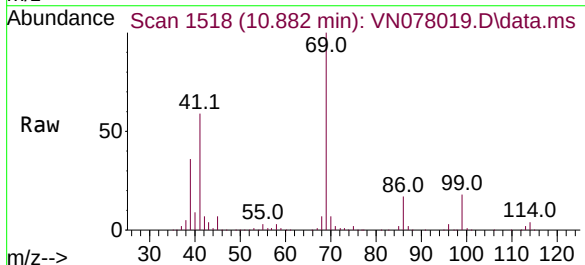
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 255813 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.5  | 65.1  | 97.7   |
| 85       | 54.7  | 43.4  | 65.2   |
| 99       | 64.5  | 49.2  | 73.8   |

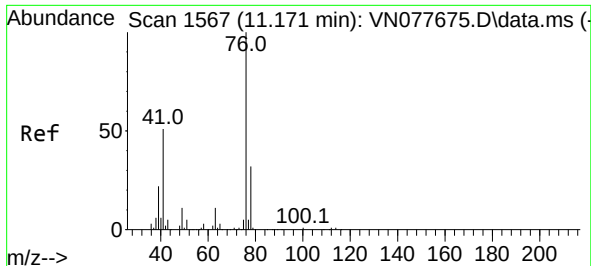


#56  
Ethyl methacrylate  
Concen: 51.181 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 370950 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.4  | 39.6  | 59.4   |
| 39       | 36.4  | 28.6  | 43.0   |







#57

1,3-Dichloropropane

Concen: 52.160 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

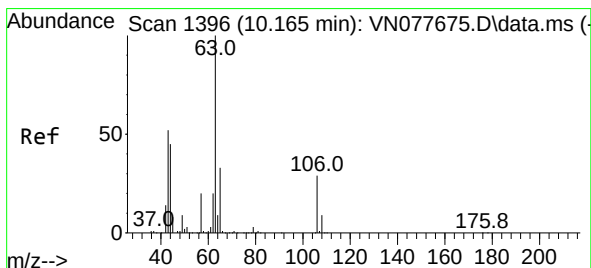
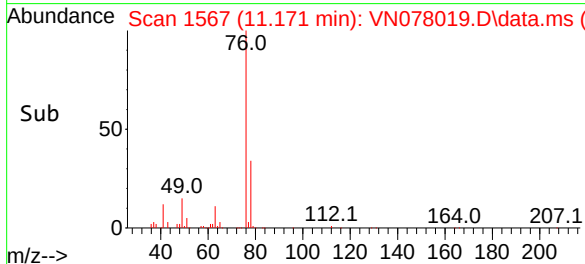
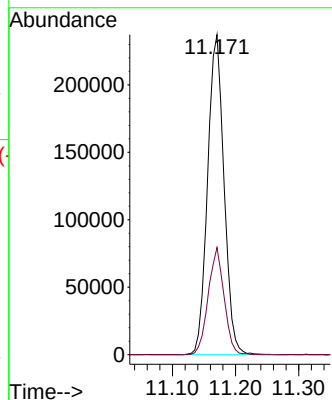
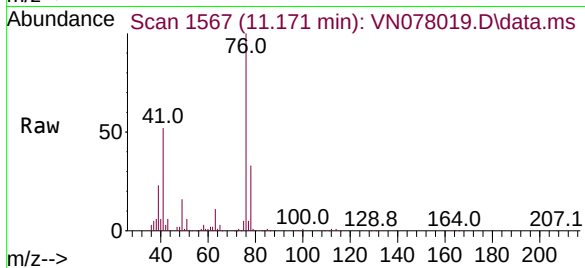
VSTDCCC050

Tgt Ion: 76 Resp: 428635

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 197.599 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078019.D

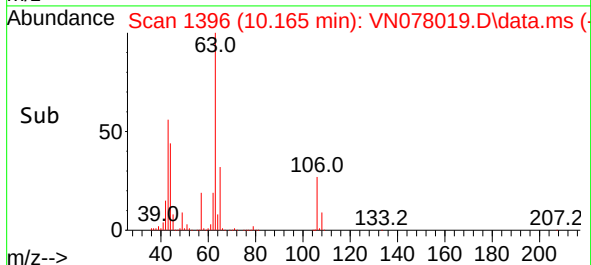
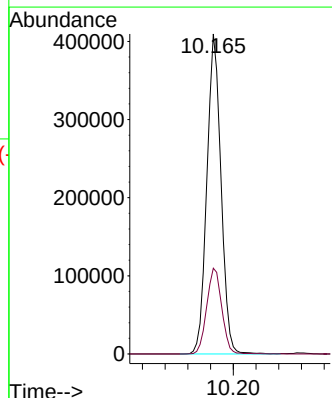
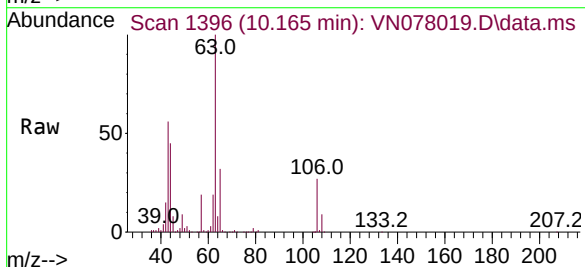
Acq: 02 Jun 2023 09:00

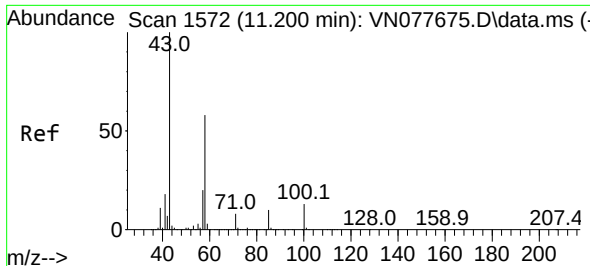
Tgt Ion: 63 Resp: 704572

Ion Ratio Lower Upper

63 100

106 28.6 26.2 39.4

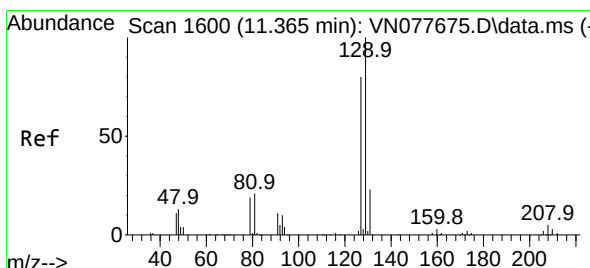
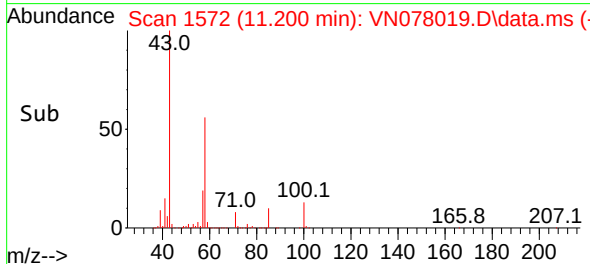
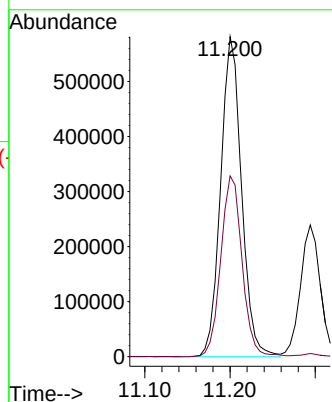
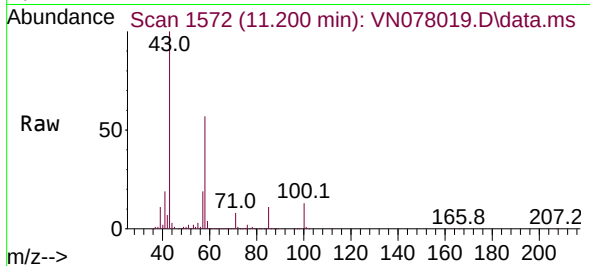




#59  
2-Hexanone  
Concen: 235.698 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

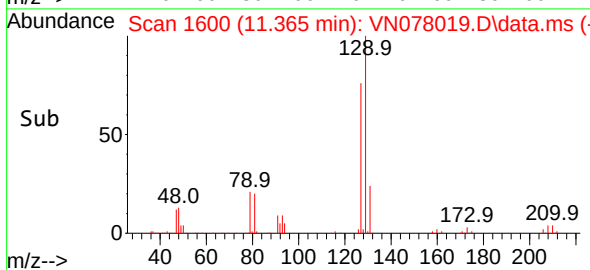
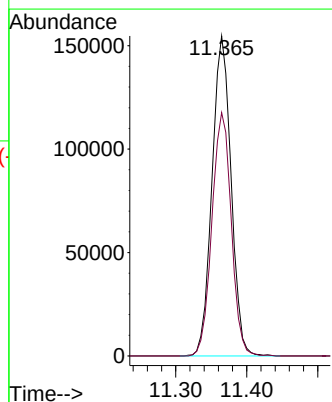
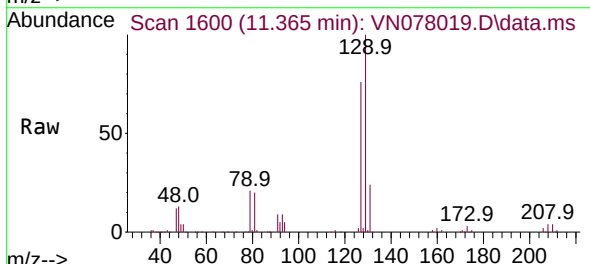
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

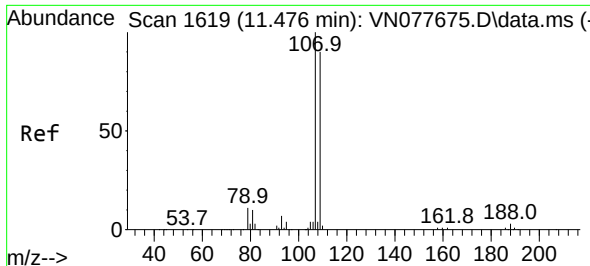
Tgt Ion: 43 Resp: 991426  
Ion Ratio Lower Upper  
43 100  
58 57.5 31.7 95.1



#60  
Dibromochloromethane  
Concen: 58.048 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:129 Resp: 287257  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0

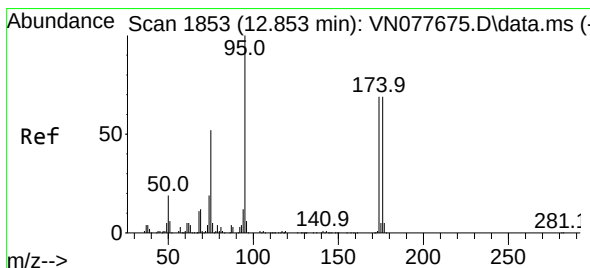
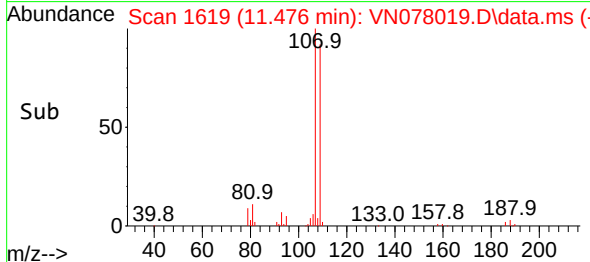
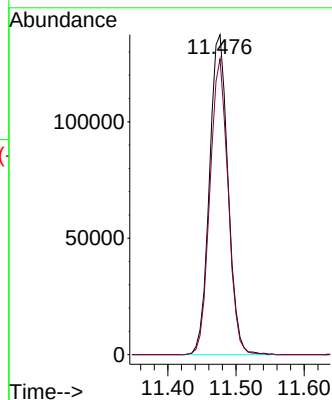
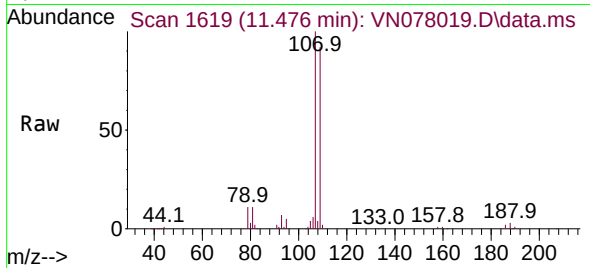




#61  
1,2-Dibromoethane  
Concen: 54.488 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

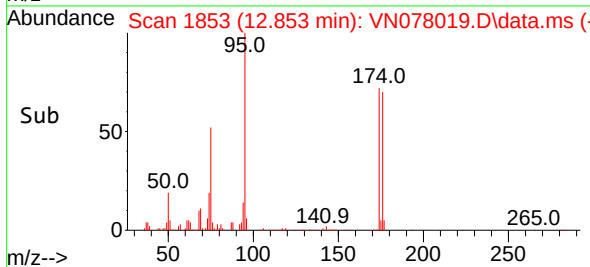
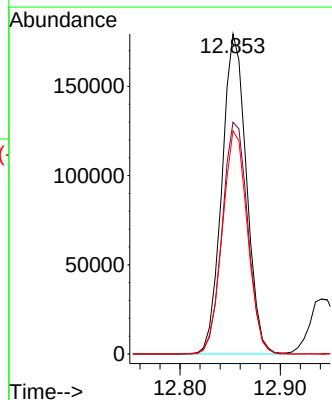
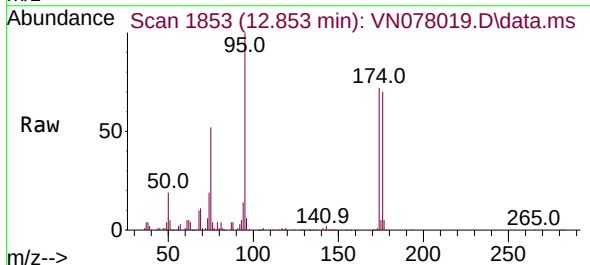
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ClientSampleId :  
VSTDCCC050

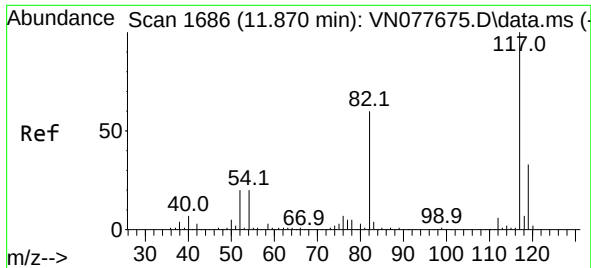
Tgt Ion:107 Resp: 260570  
Ion Ratio Lower Upper  
107 100  
109 90.4 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 49.779 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 95 Resp: 304033  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 143.8  
176 71.8 0.0 135.8

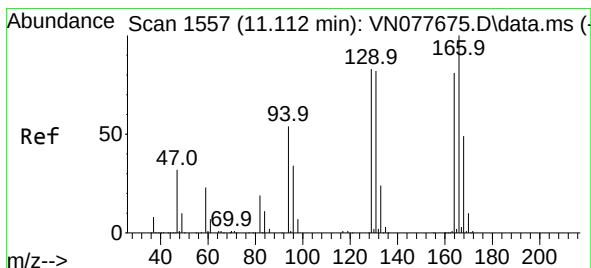
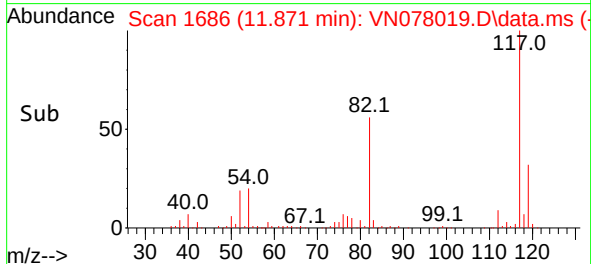
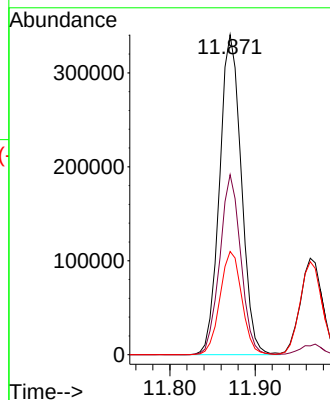
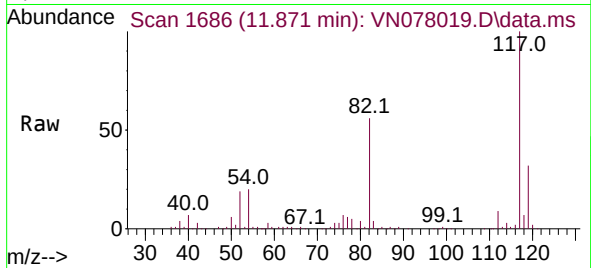




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

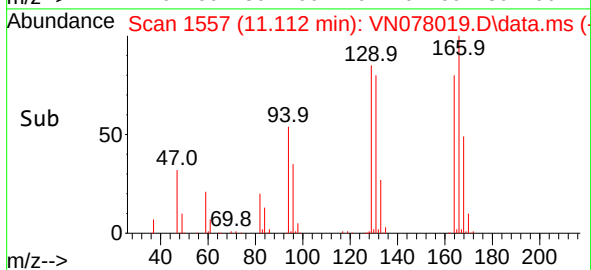
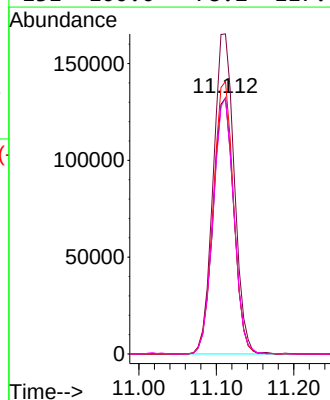
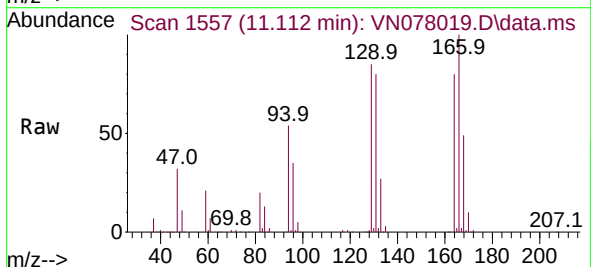
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MSVOA\_N  
ClientSampleId :  
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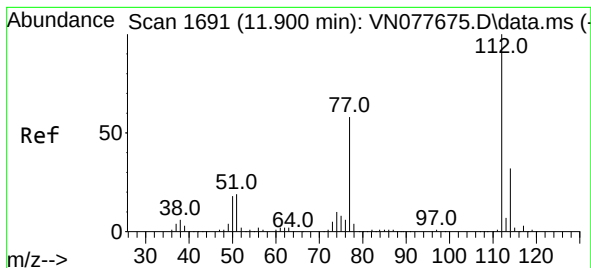
Tgt Ion:117 Resp: 603984  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.0 66.0  
119 32.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 58.010 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:164 Resp: 245022  
Ion Ratio Lower Upper  
164 100  
166 125.0 101.4 152.0  
129 106.4 82.4 123.6  
131 100.0 78.2 117.4





#65

Chlorobenzene

Concen: 53.491 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

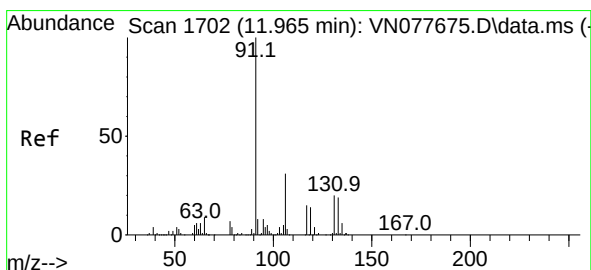
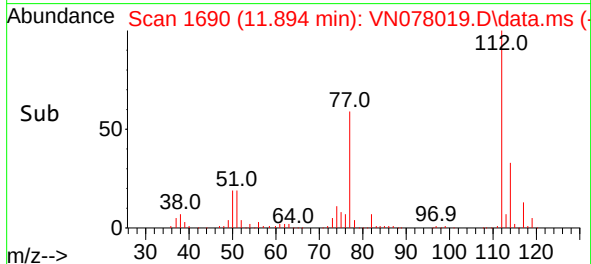
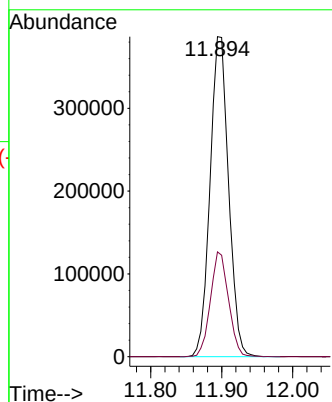
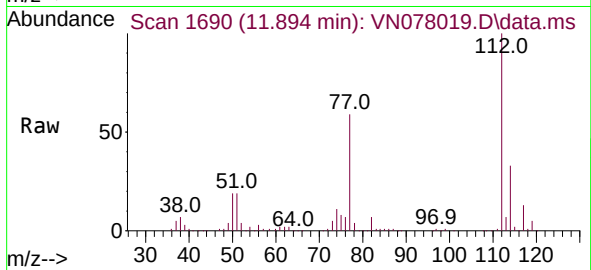
VSTDCCC050

Tgt Ion:112 Resp: 700389

Ion Ratio Lower Upper

112 100

114 32.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 60.376 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

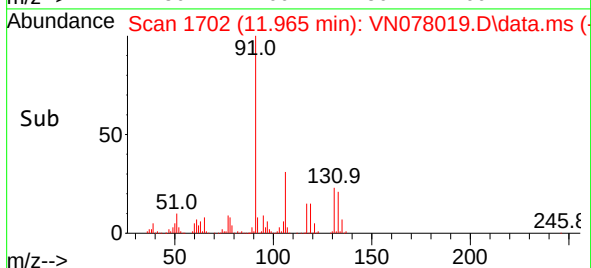
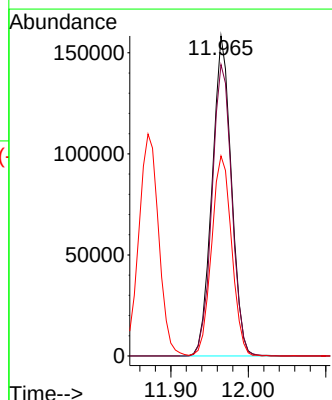
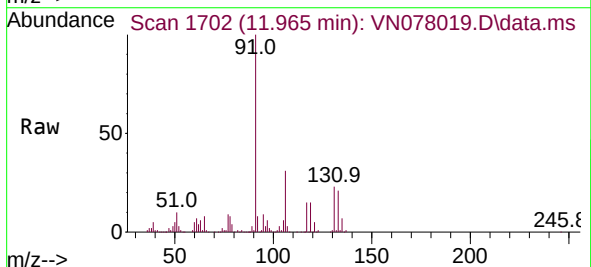
Tgt Ion:131 Resp: 273536

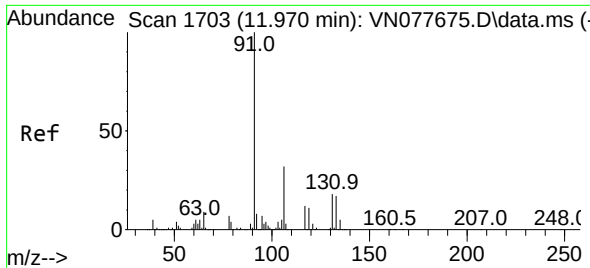
Ion Ratio Lower Upper

131 100

133 93.5 46.4 139.1

119 65.0 34.1 102.2

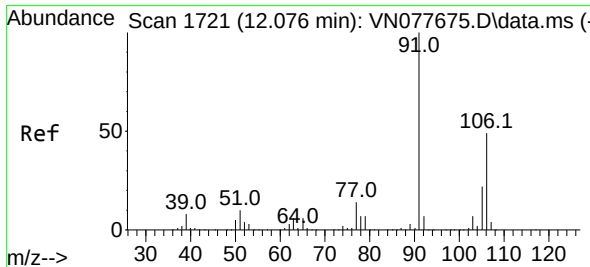
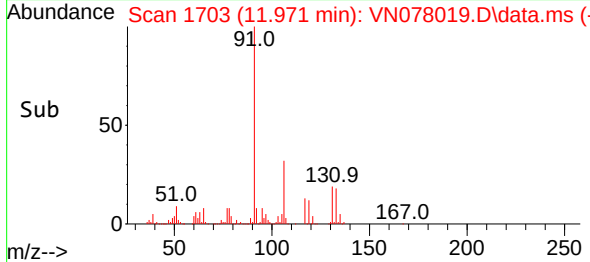
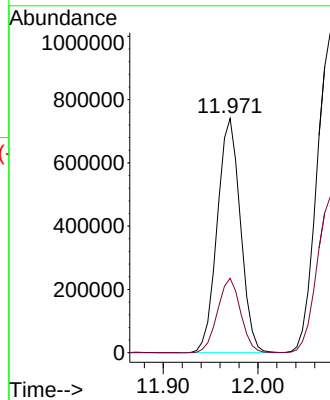
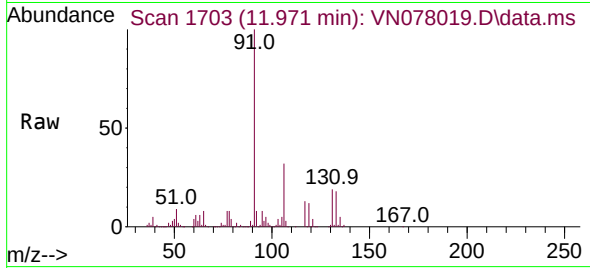




#67  
Ethyl Benzene  
Concen: 53.571 ug/l  
RT: 11.971 min Scan# 1703  
Delta R.T. 0.001 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

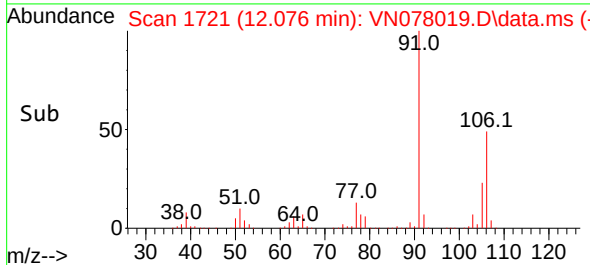
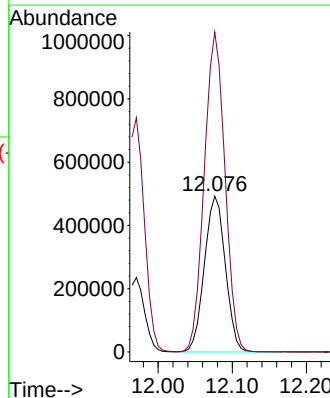
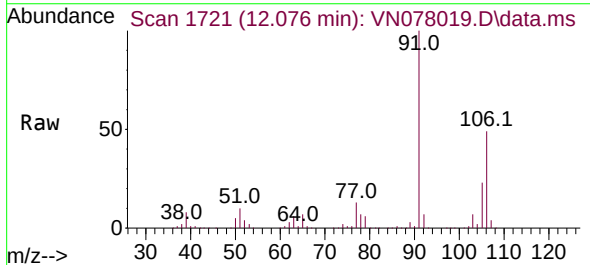
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

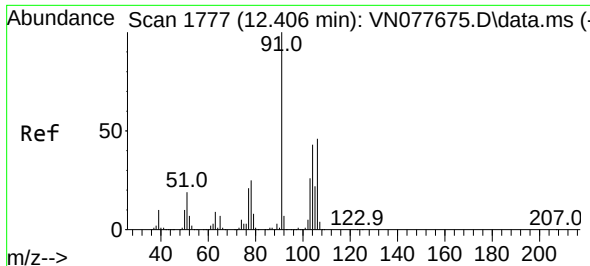
Tgt Ion: 91 Resp: 1257012  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.6 38.4



#68  
m/p-Xylenes  
Concen: 108.741 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:106 Resp: 966810  
Ion Ratio Lower Upper  
106 100  
91 203.2 159.6 239.4

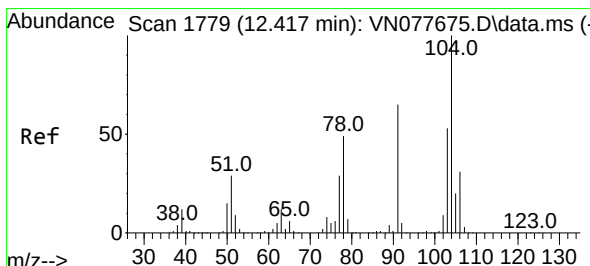
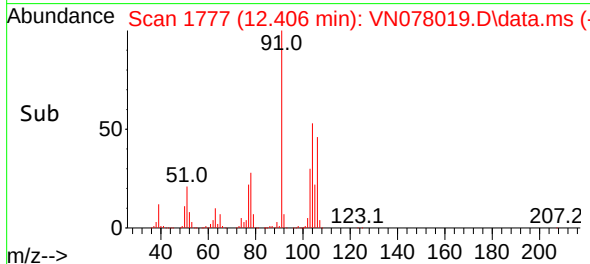
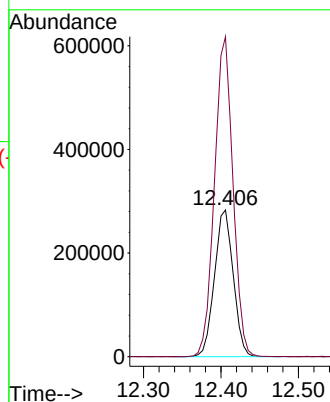
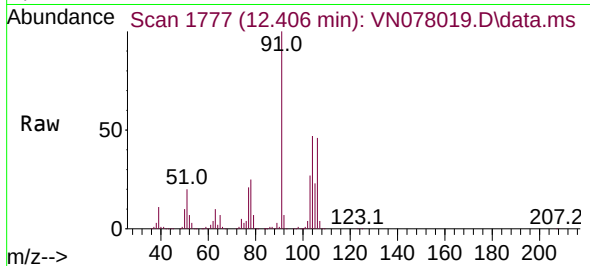




#69  
o-Xylene  
Concen: 54.500 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

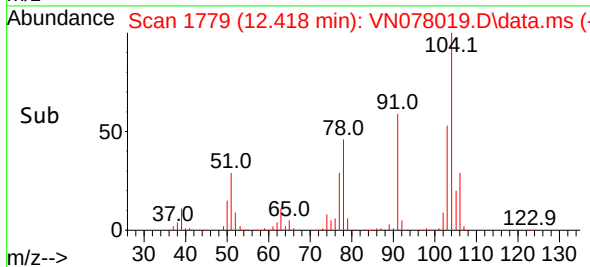
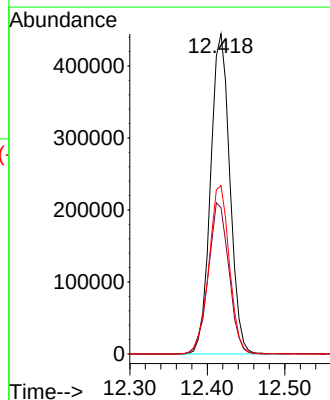
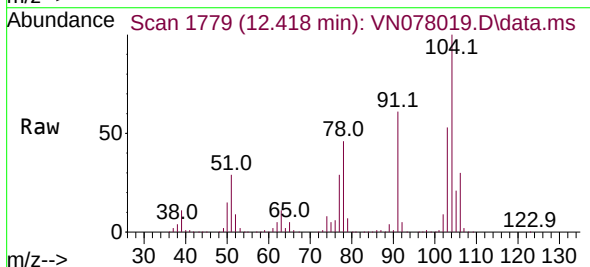
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

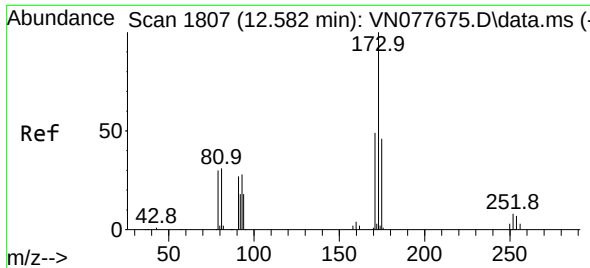
Tgt Ion:106 Resp: 476536  
Ion Ratio Lower Upper  
106 100  
91 214.7 105.2 315.5



#70  
Styrene  
Concen: 55.465 ug/l  
RT: 12.418 min Scan# 1779  
Delta R.T. 0.001 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:104 Resp: 770415  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.5 59.3  
103 55.9 43.2 64.8

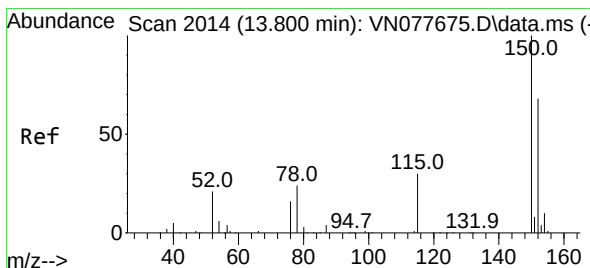
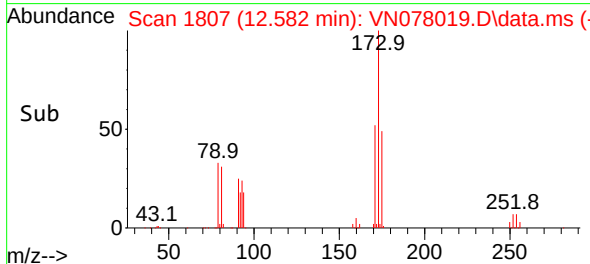
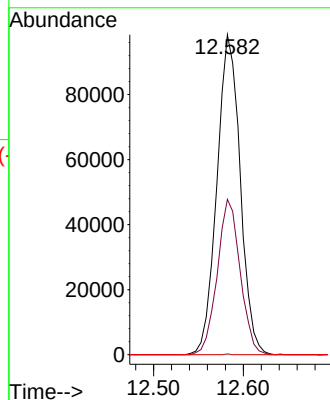
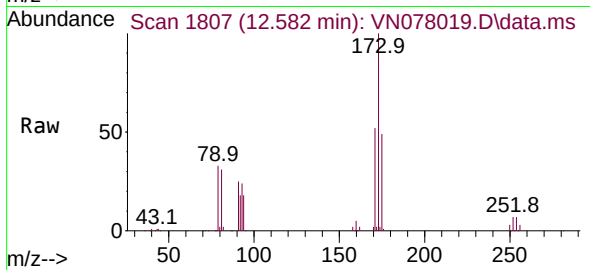




#71  
Bromoform  
Concen: 58.726 ug/l  
RT: 12.582 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

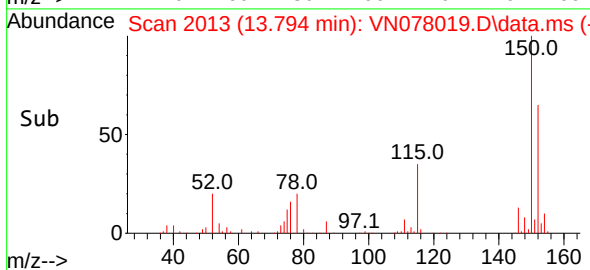
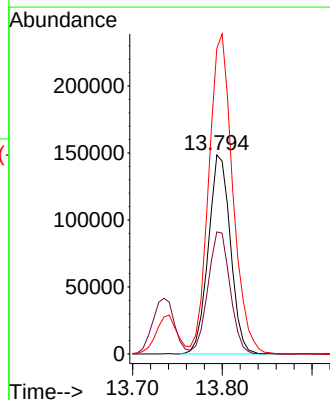
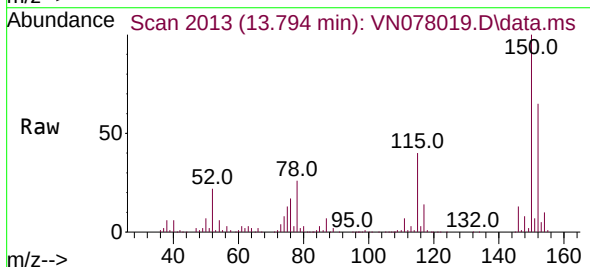
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 176992  
Ion Ratio Lower Upper  
173 100  
175 47.7 24.3 73.0  
254 0.0 0.0 0.0#

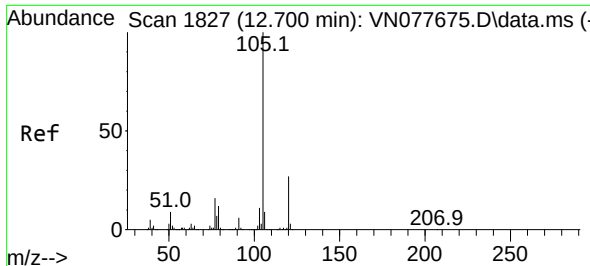


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion:152 Resp: 254220  
Ion Ratio Lower Upper  
152 100  
115 61.3 32.3 96.8  
150 173.6 0.0 355.8



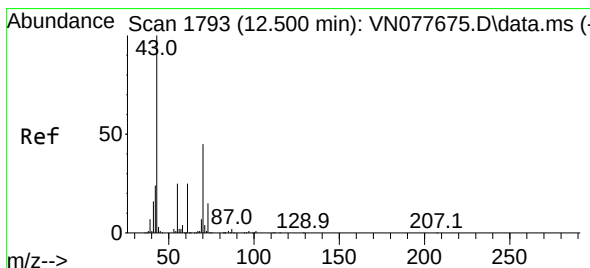
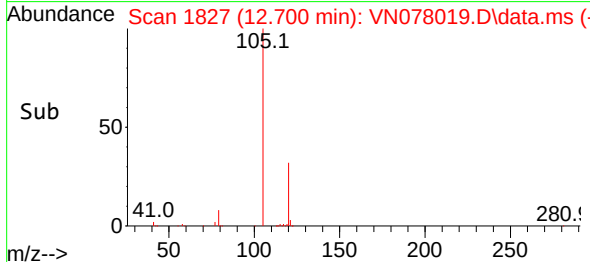
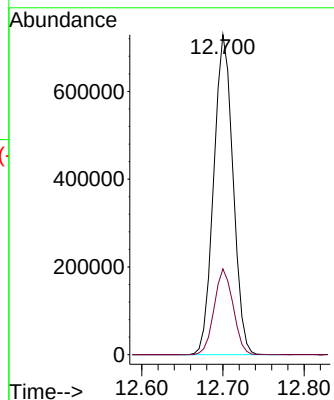
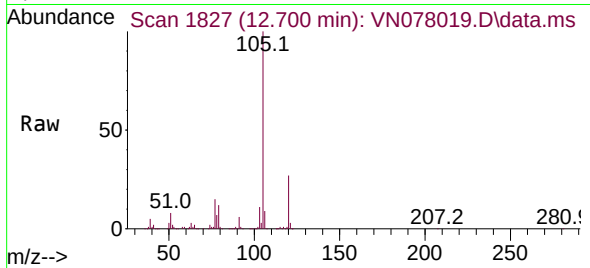




#73  
Isopropylbenzene  
Concen: 54.930 ug/l  
RT: 12.700 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

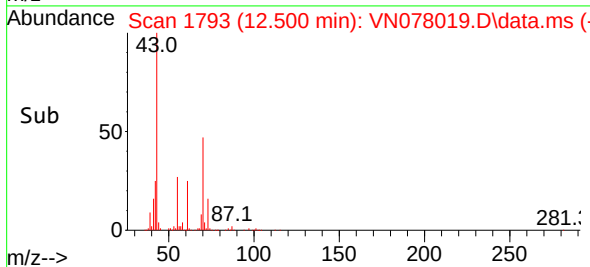
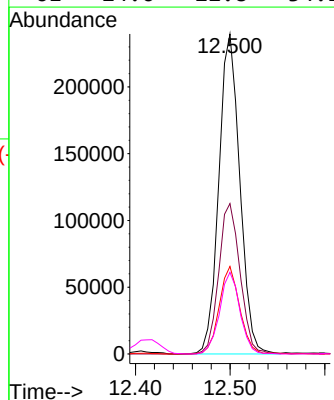
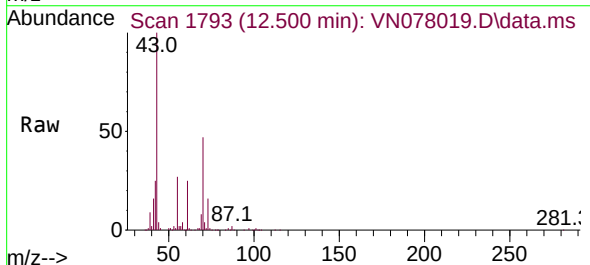
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ClientSampleId :  
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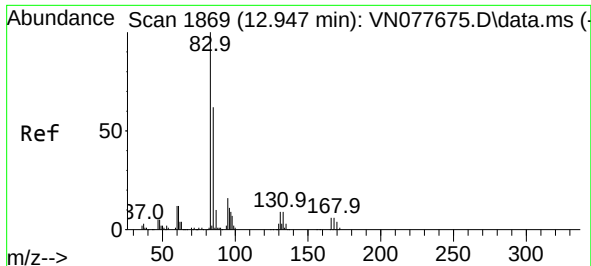
Tgt Ion:105 Resp: 1203726  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.1 39.1



#74  
N-ethyl acetate  
Concen: 45.650 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 43 Resp: 369765  
Ion Ratio Lower Upper  
43 100  
70 47.7 43.4 65.2  
55 27.0 21.4 32.0  
61 24.6 22.8 34.2

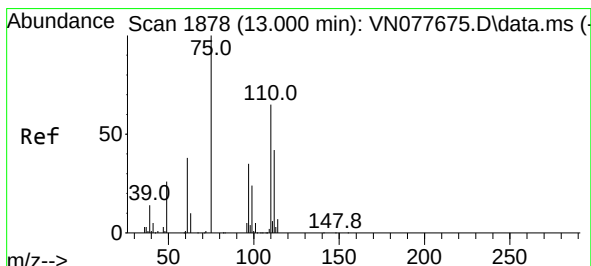
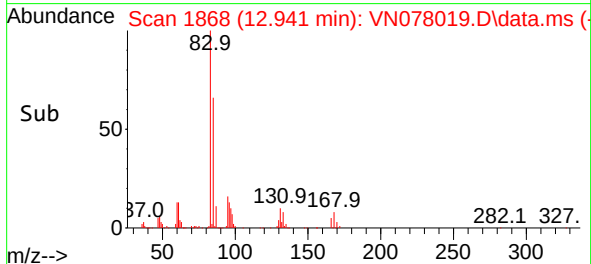
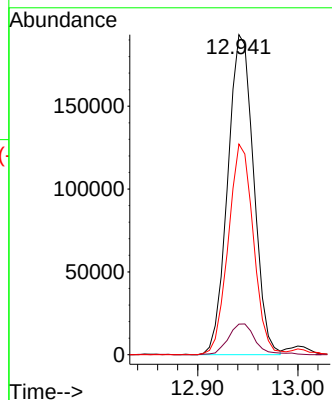
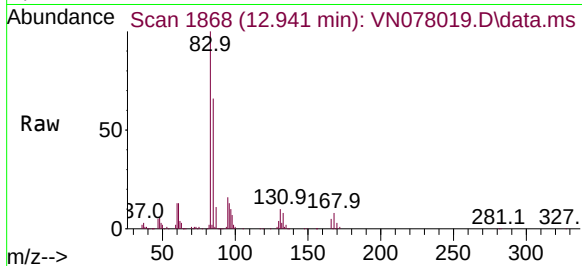




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.463 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

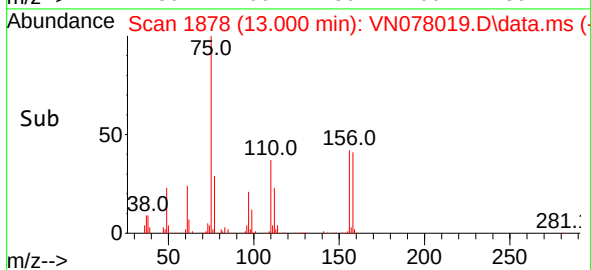
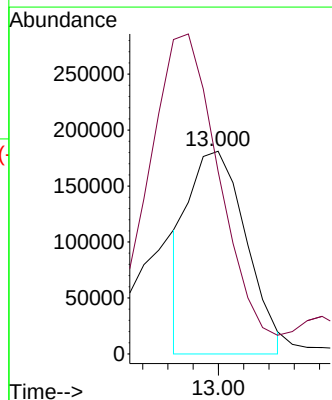
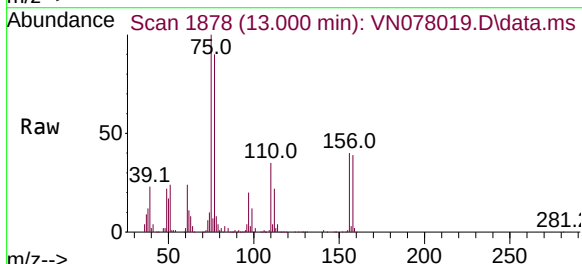
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ClientSampleId :  
VSTDCCC050

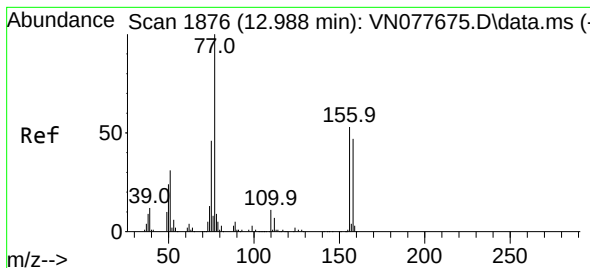
Tgt Ion: 83 Resp: 346941  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 15.0  
85 64.1 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 45.003 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 75 Resp: 286517  
Ion Ratio Lower Upper  
75 100  
77 199.9 84.5 253.5





#77

Bromobenzene

Concen: 54.140 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

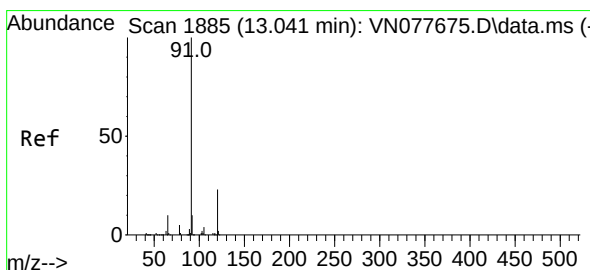
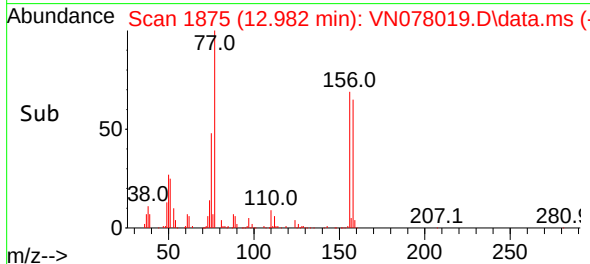
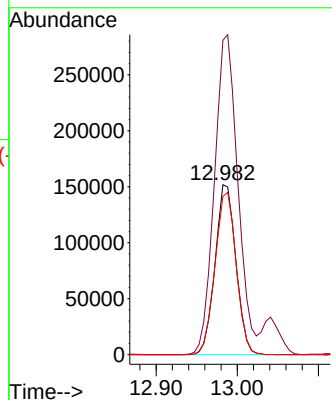
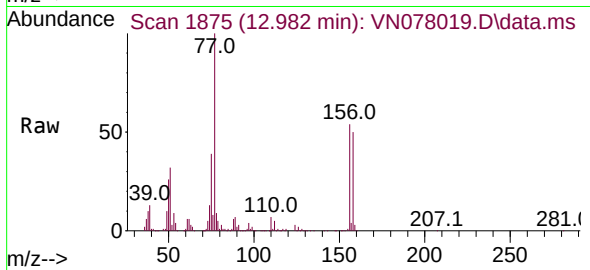
Tgt Ion:156 Resp: 270749

Ion Ratio Lower Upper

156 100

77 211.5 107.7 323.3

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 53.084 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078019.D

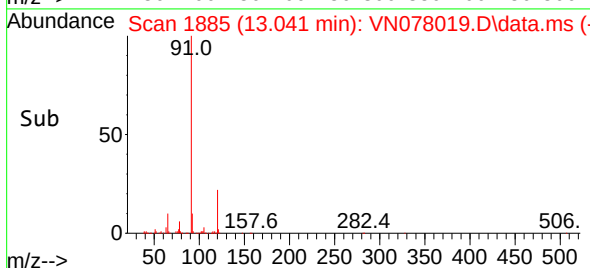
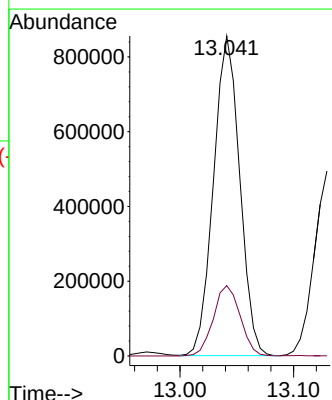
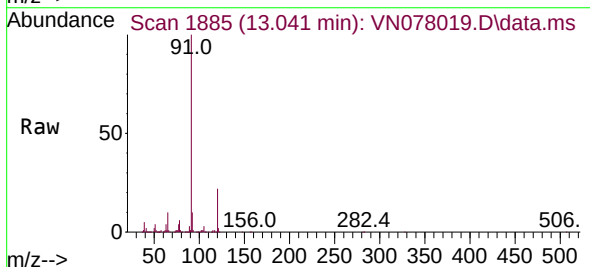
Acq: 02 Jun 2023 09:00

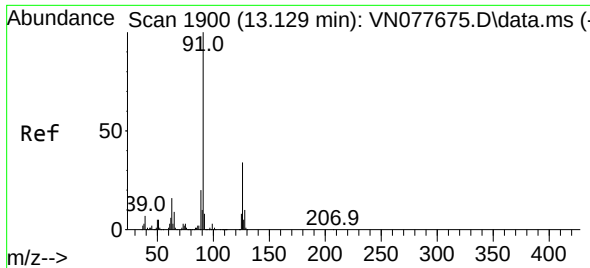
Tgt Ion: 91 Resp: 1371431

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

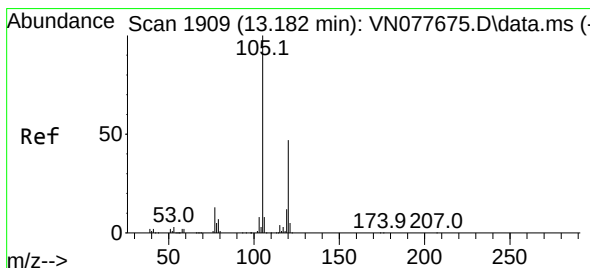
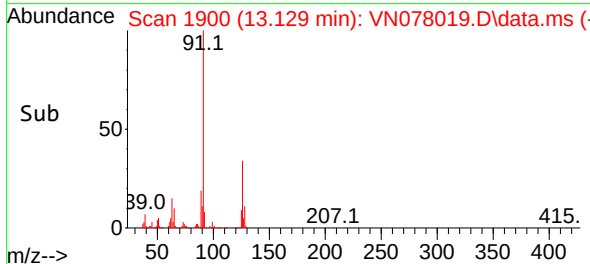
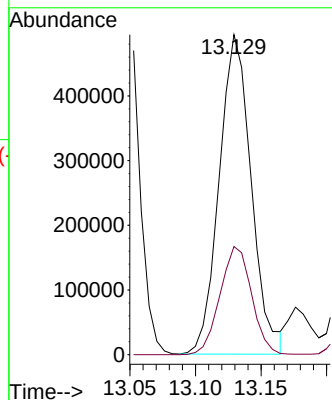
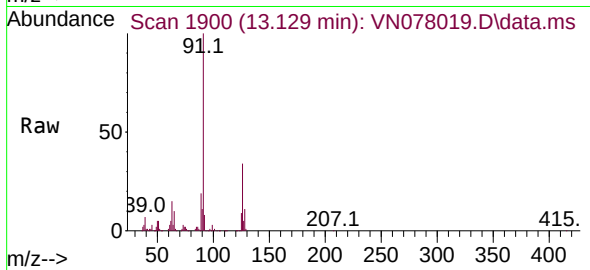




#79  
2-Chlorotoluene  
Concen: 54.464 ug/l  
RT: 13.129 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

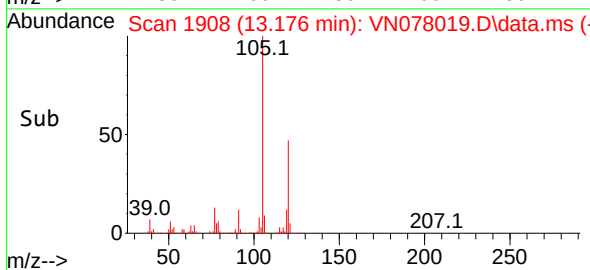
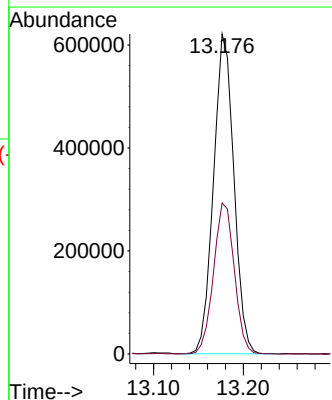
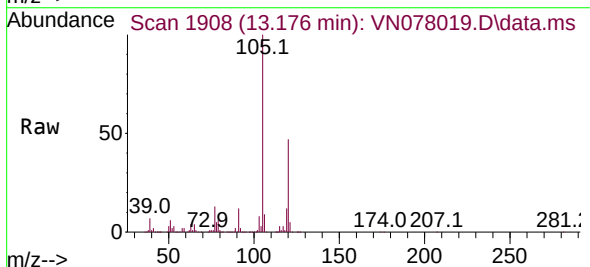
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

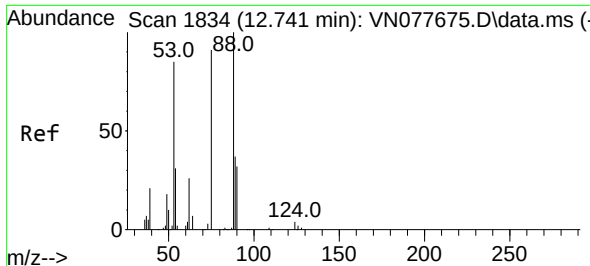
Tgt Ion: 91 Resp: 839635  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 53.138 ug/l  
RT: 13.176 min Scan# 1908  
Delta R.T. -0.006 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 105 Resp: 978684  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.3

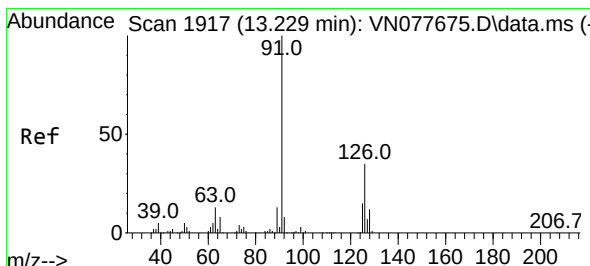
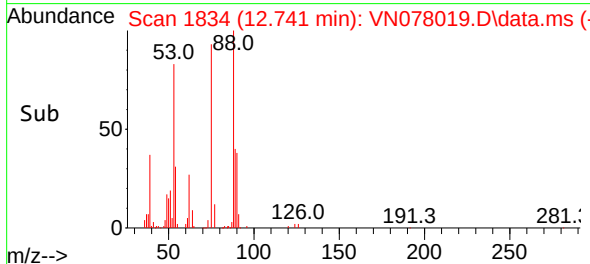
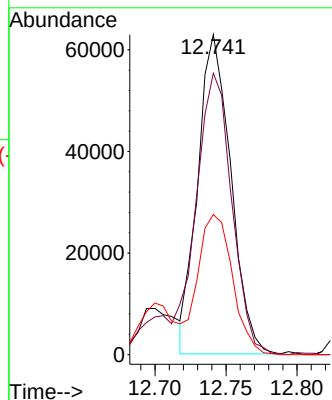
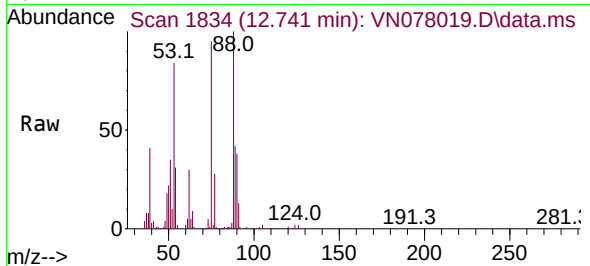




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.900 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

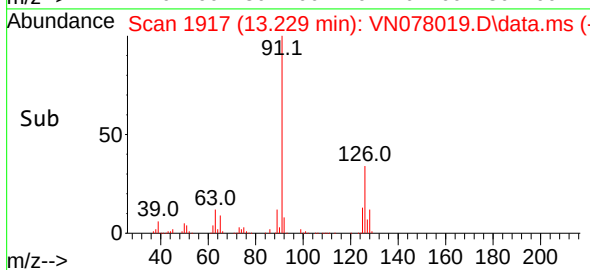
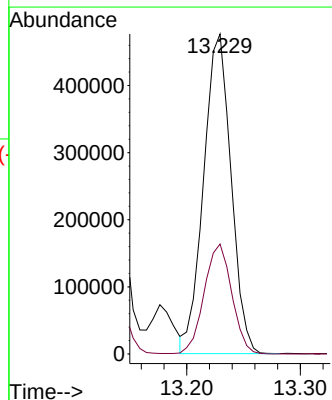
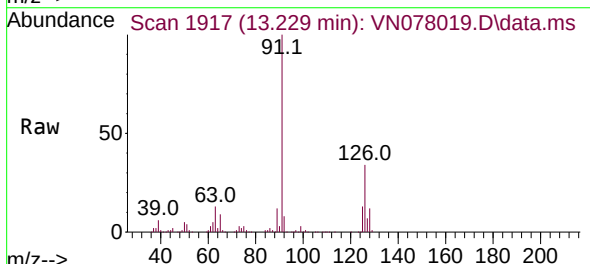
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

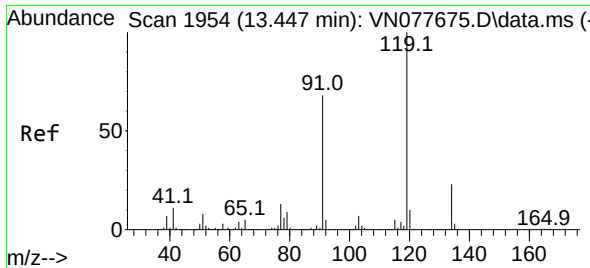
Tgt Ion: 75 Resp: 101379  
Ion Ratio Lower Upper  
75 100  
53 107.5 67.4 101.2#  
89 46.4 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 52.130 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN078019.D  
Acq: 02 Jun 2023 09:00

Tgt Ion: 91 Resp: 799605  
Ion Ratio Lower Upper  
91 100  
126 34.6 16.7 50.0

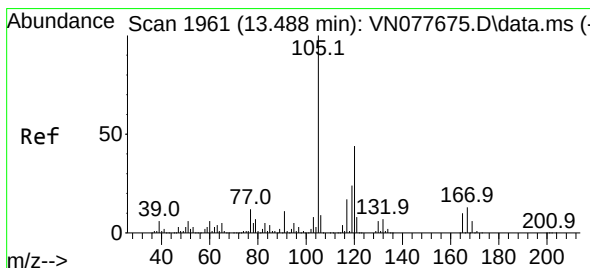
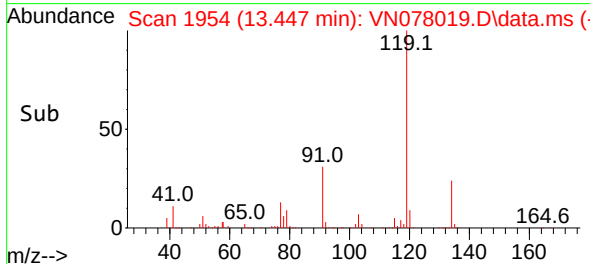
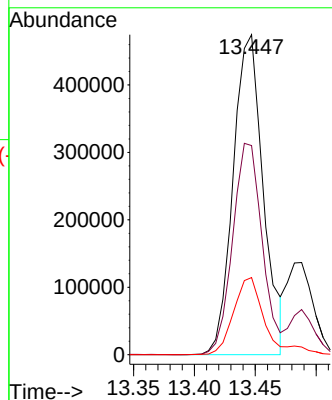
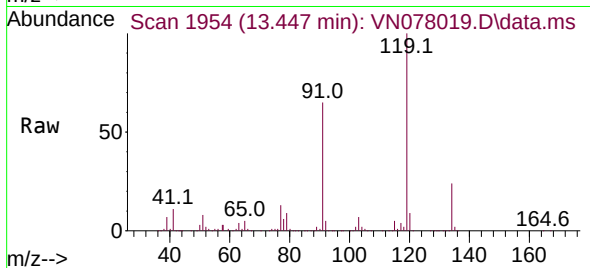




#83  
 tert-Butylbenzene  
 Concen: 50.866 ug/l  
 RT: 13.447 min Scan# 1954  
 Delta R.T. -0.000 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

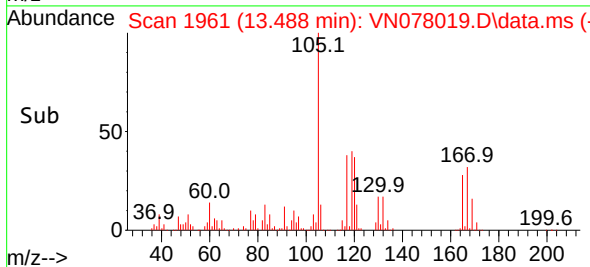
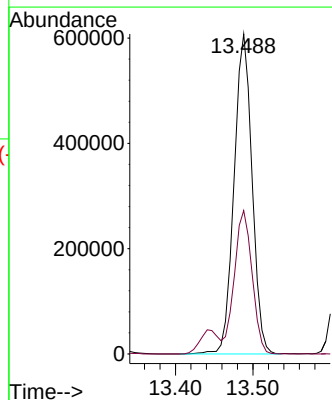
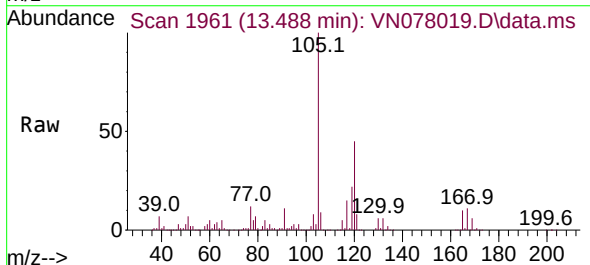
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

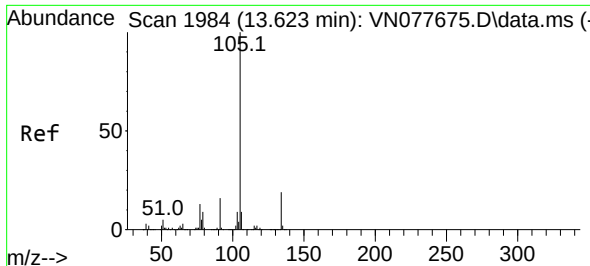
Tgt Ion:119 Resp: 817855  
 Ion Ratio Lower Upper  
 119 100  
 91 65.0 33.9 101.7  
 134 25.2 13.2 39.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.264 ug/l  
 RT: 13.488 min Scan# 1961  
 Delta R.T. 0.000 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

Tgt Ion:105 Resp: 982907  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 22.0 66.0

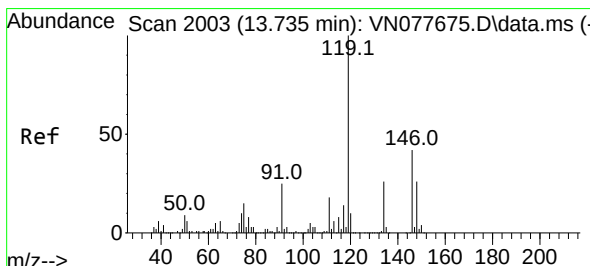
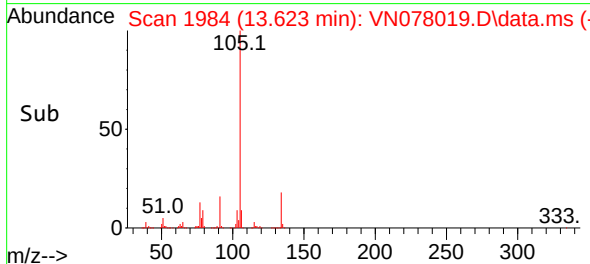
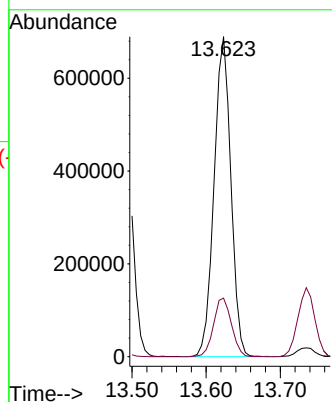
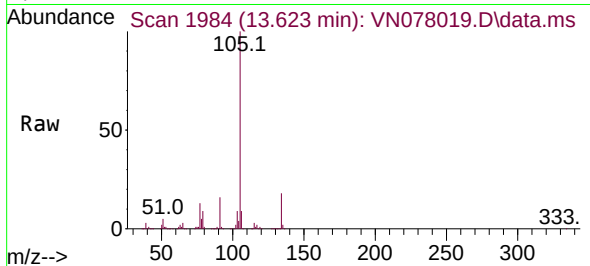




#85  
 sec-Butylbenzene  
 Concen: 47.424 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

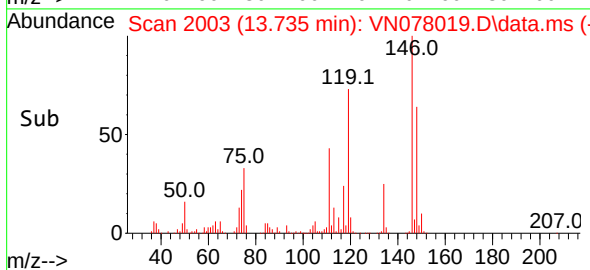
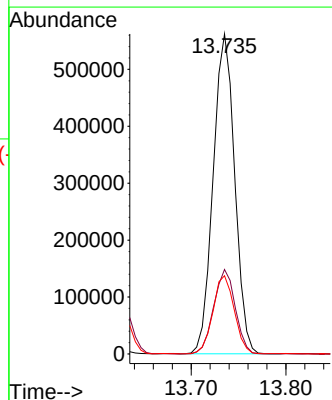
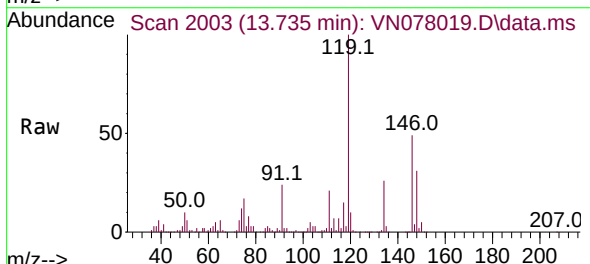
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

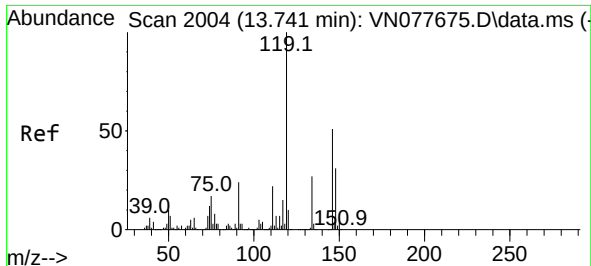
Tgt Ion:105 Resp: 1083672  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 48.728 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN078019.D  
 Acq: 02 Jun 2023 09:00

Tgt Ion:119 Resp: 887684  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 12.6 37.8  
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 51.769 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

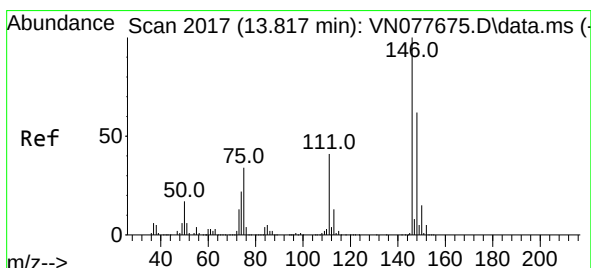
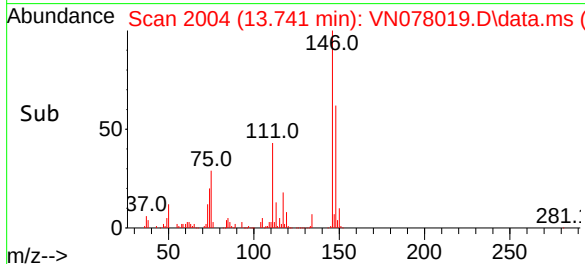
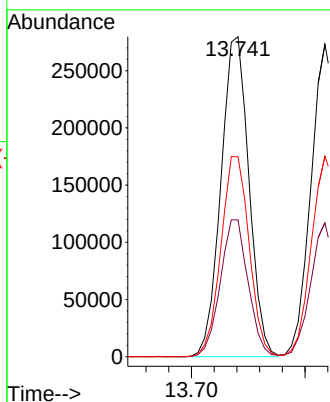
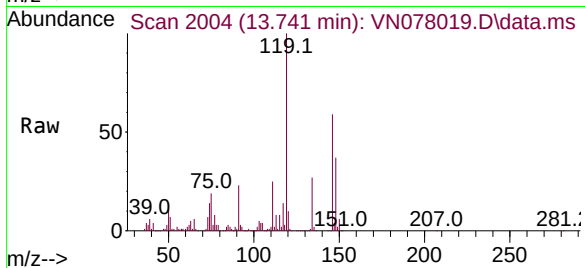
Tgt Ion:146 Resp: 478777

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 50.441 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

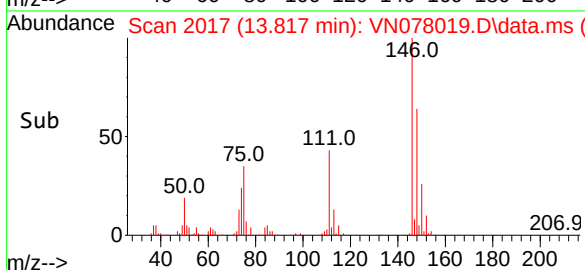
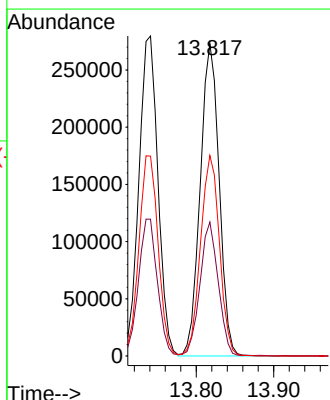
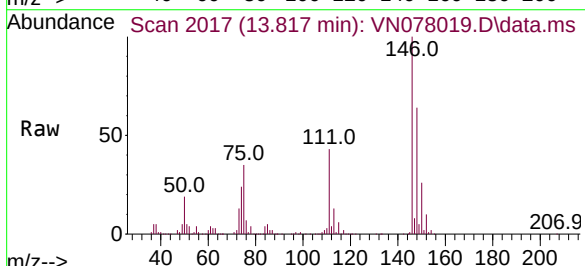
Tgt Ion:146 Resp: 462914

Ion Ratio Lower Upper

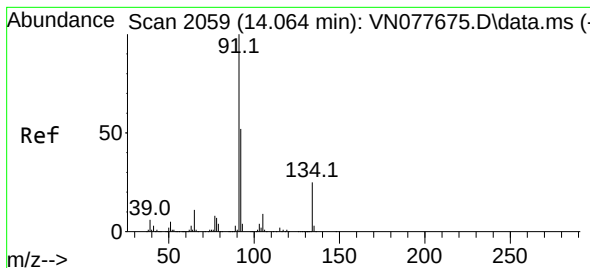
146 100

111 41.1 20.6 61.8

148 64.2 31.6 94.8







#89

n-Butylbenzene

Concen: 42.908 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

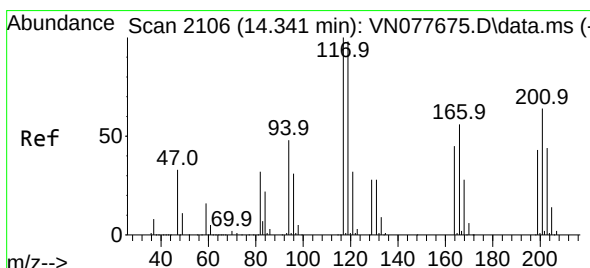
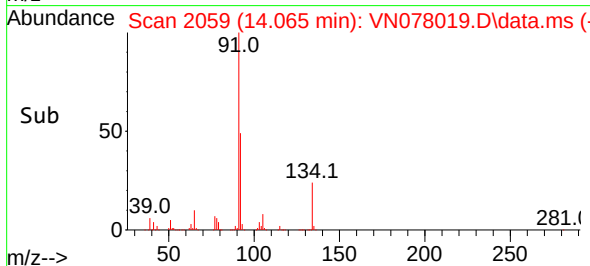
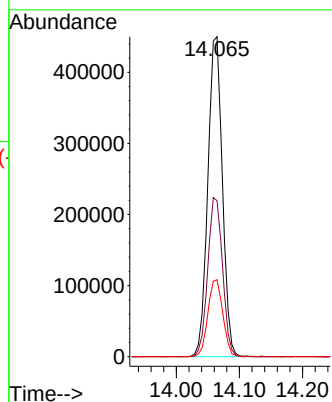
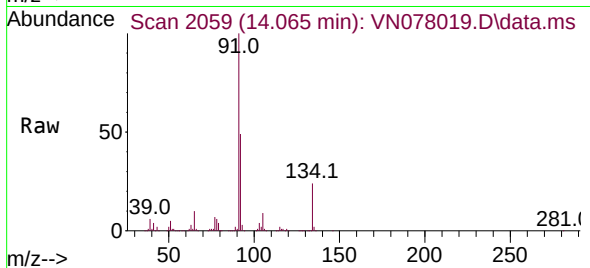
Tgt Ion: 91 Resp: 718960

Ion Ratio Lower Upper

91 100

92 50.6 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 51.968 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN078019.D

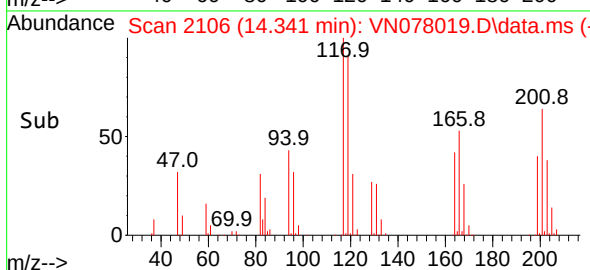
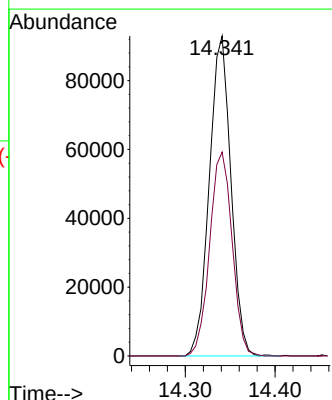
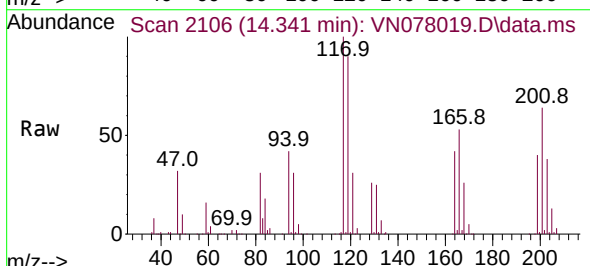
Acq: 02 Jun 2023 09:00

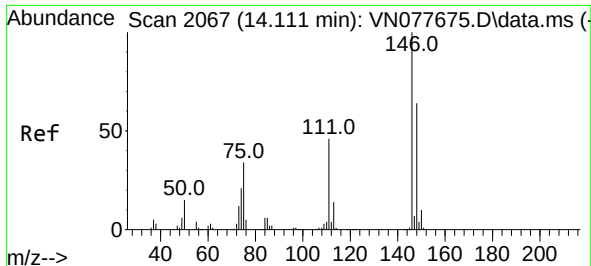
Tgt Ion: 117 Resp: 155524

Ion Ratio Lower Upper

117 100

201 66.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 54.314 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

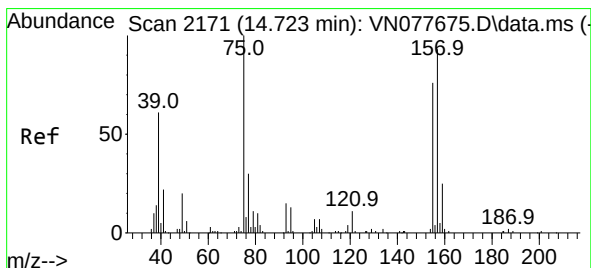
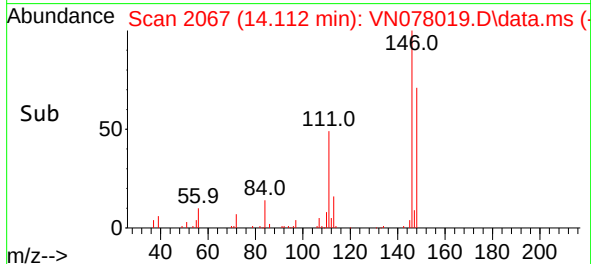
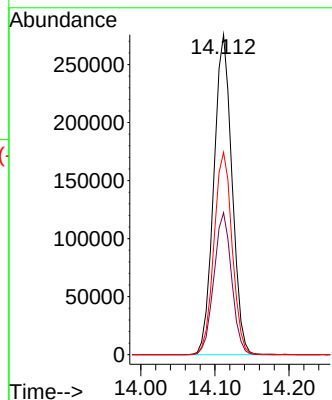
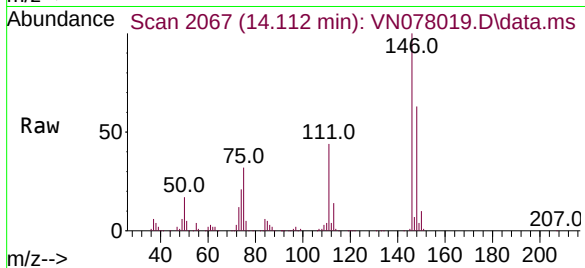
Tgt Ion:146 Resp: 469262

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.140 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

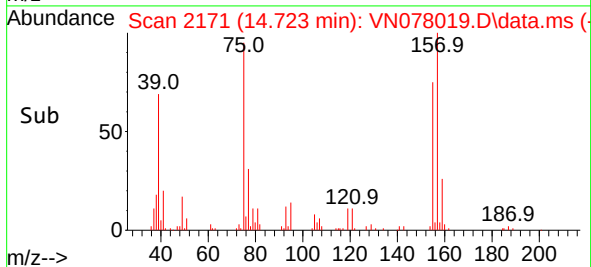
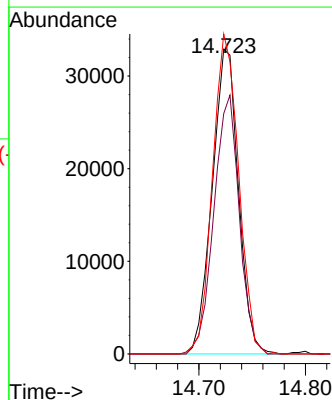
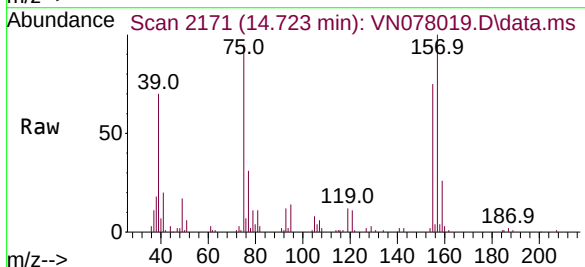
Tgt Ion: 75 Resp: 56306

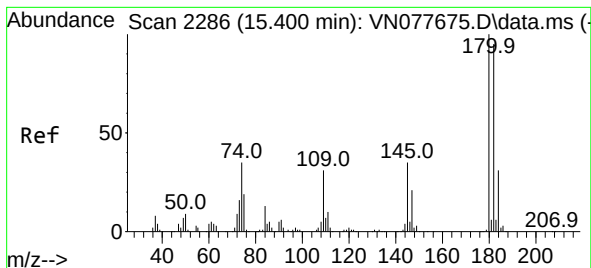
Ion Ratio Lower Upper

75 100

155 82.2 39.1 117.2

157 104.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 36.418 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

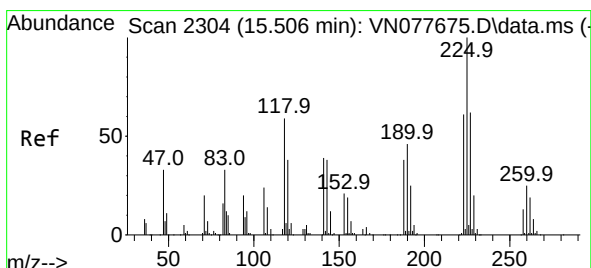
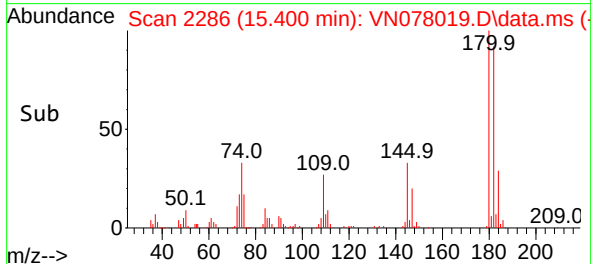
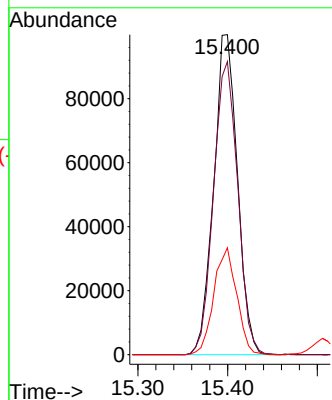
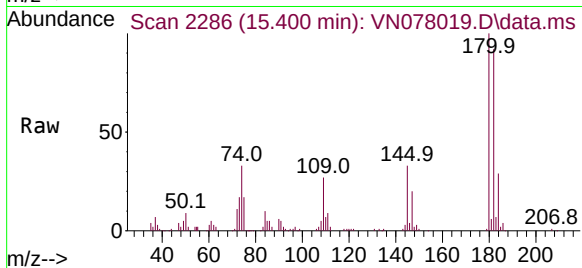
Tgt Ion:180 Resp: 183872

Ion Ratio Lower Upper

180 100

182 93.2 46.1 138.2

145 32.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 37.187 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

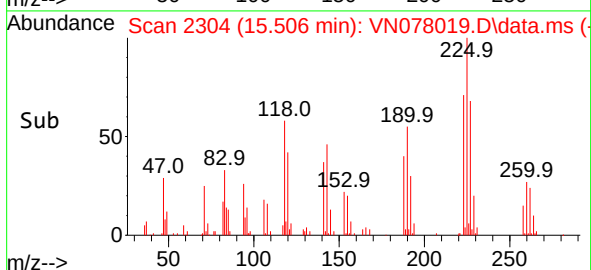
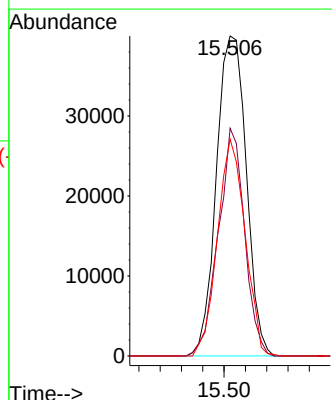
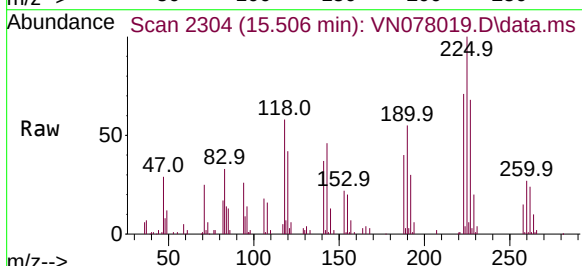
Tgt Ion:225 Resp: 77955

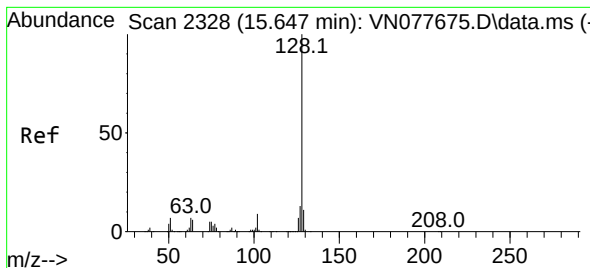
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 32.634 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

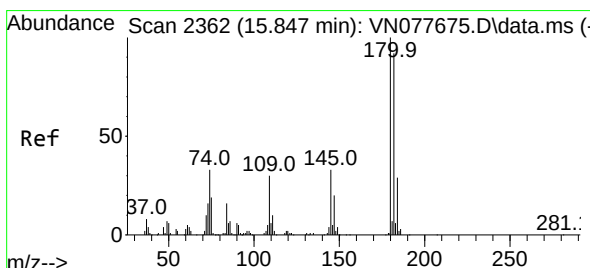
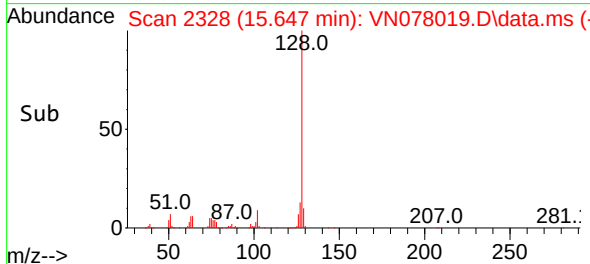
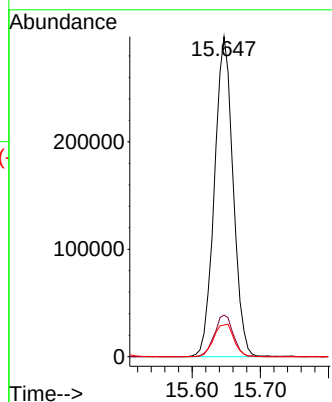
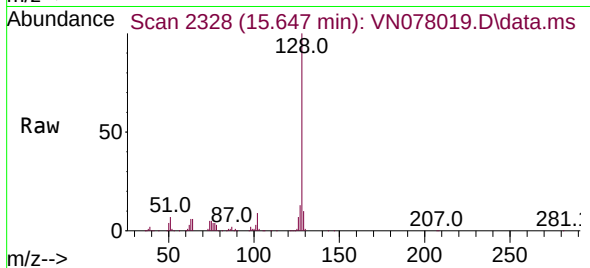
Tgt Ion:128 Resp: 567126

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 36.873 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078019.D

Acq: 02 Jun 2023 09:00

Tgt Ion:180 Resp: 182280

Ion Ratio Lower Upper

180 100

182 97.6 46.2 138.6

145 35.8 17.5 52.6

