

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050123\  
 Data File : VN077538.D  
 Acq On : 01 May 2023 11:19  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 01 21:59:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:50:59 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.231  | 168  | 737931   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.101  | 114  | 1356349  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 1246678  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 546553   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.584  | 65    | 489947   | 50.882   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.760% |      |
| 35) Dibromofluoromethane    | 8.172  | 113   | 437730   | 53.694   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.380% |      |
| 50) Toluene-d8              | 10.566 | 98    | 1700942  | 54.440   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 108.880% |      |
| 62) 4-Bromofluorobenzene    | 12.848 | 95    | 600016   | 58.697   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 117.400% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.137 | 85  | 470212  | 49.917  | ug/l   | 97  |
| 3) Chloromethane             | 2.372 | 50  | 331483  | 44.813  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.525 | 62  | 460818  | 46.765  | ug/l   | 100 |
| 5) Bromomethane              | 2.949 | 94  | 371996  | 43.581  | ug/l   | 96  |
| 6) Chloroethane              | 3.125 | 64  | 310877  | 41.526  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 728995  | 50.334  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.972 | 74  | 259200  | 49.250  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.384 | 101 | 422705  | 50.184  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.596 | 142 | 515186  | 49.785  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.525 | 59  | 353941  | 228.967 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.348 | 96  | 396978  | 48.206  | ug/l   | 97  |
| 13) Acrolein                 | 4.184 | 56  | 347837  | 226.196 | ug/l   | 98  |
| 14) Allyl chloride           | 5.031 | 41  | 456077  | 49.814  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.731 | 53  | 867233  | 247.302 | ug/l   | 100 |
| 16) Acetone                  | 4.437 | 43  | 828445  | 270.431 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.719 | 76  | 939776  | 44.910  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.025 | 43  | 571803  | 48.335  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.801 | 73  | 1402793 | 51.221  | ug/l   | 99  |
| 20) Methylene Chloride       | 5.284 | 84  | 462786  | 47.636  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.795 | 96  | 431968  | 48.509  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.678 | 45  | 1013783 | 48.246  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.613 | 43  | 3120092 | 237.758 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.578 | 63  | 740552  | 49.788  | ug/l   | 99  |
| 25) 2-Butanone               | 7.489 | 43  | 1080402 | 248.656 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.495 | 77  | 755726  | 52.399  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 535259  | 50.754  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.819 | 49  | 239395  | 42.146  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.842 | 42  | 643229  | 236.277 | ug/l   | 96  |
| 30) Chloroform               | 7.966 | 83  | 892550  | 53.246  | ug/l   | 95  |
| 31) Cyclohexane              | 8.260 | 56  | 599273  | 43.933  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 8.178 | 97  | 822029  | 53.339  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.372 | 75  | 622180  | 52.827  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.566 | 43  | 425709  | 47.567  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 709262  | 54.581  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.601 | 83  | 821221  | 52.923  | ug/l   | 98  |
| 40) Benzene                  | 8.607 | 78  | 1887524 | 52.608  | ug/l   | 99  |

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 01 21:59:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:50:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.784  | 41   | 220452   | 47.294   | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.672  | 62   | 633136   | 51.377   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.689  | 43   | 758223   | 48.972   | ug/l   | 97       |
| 44) Trichloroethene           | 9.354  | 130  | 491474   | 53.499   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.625  | 63   | 429630   | 51.118   | ug/l   | 95       |
| 46) Dibromomethane            | 9.713  | 93   | 347642   | 50.977   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.889  | 83   | 716323   | 54.303   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.683  | 41   | 330628   | 46.913   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 184981   | 1046.394 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 2212904  | 243.674  | ug/l   | 98       |
| 52) Toluene                   | 10.630 | 92   | 1282449  | 54.561   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 762369   | 57.075   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 796651   | 54.793   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 500374   | 52.939   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 713032   | 53.837   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 818970   | 54.397   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 954004   | 212.964  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.195 | 43   | 1666394  | 252.438  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.360 | 129  | 545458   | 55.606   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.472 | 107  | 524577   | 54.362   | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.107 | 164  | 385665   | 51.679   | ug/l   | 100      |
| 65) Chlorobenzene             | 11.895 | 112  | 1385995  | 52.538   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 501519   | 52.252   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.966 | 91   | 2496358  | 53.754   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.072 | 106  | 1946943  | 107.869  | ug/l   | 99       |
| 69) o-Xylene                  | 12.401 | 106  | 954668   | 53.774   | ug/l   | 99       |
| 70) Styrene                   | 12.413 | 104  | 1559200  | 56.159   | ug/l   | 99       |
| 71) Bromoform                 | 12.577 | 173  | 349341   | 55.633   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.695 | 105  | 2557886  | 50.434   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.495 | 43   | 664687   | 44.267   | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.936 | 83   | 735839   | 46.175   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 888486   | 69.907   | ug/l   | 70       |
| 77) Bromobenzene              | 12.983 | 156  | 528527   | 47.815   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.036 | 91   | 2908077  | 51.857   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.124 | 91   | 1738652  | 50.286   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 2117033  | 56.208   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.736 | 75   | 222352   | 49.426   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 1688674  | 52.267   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.442 | 119  | 1845971  | 50.468   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 2062971  | 58.648   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 2649340  | 52.770   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 2131435  | 55.178   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 1004698  | 51.109   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.813 | 146  | 996359   | 51.333   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.060 | 91   | 1817347  | 60.793   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.336 | 117  | 412355   | 48.319   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 986004   | 50.572   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 137330   | 46.602   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 356474   | 54.791   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.501 | 225  | 222034   | 56.355   | ug/l   | 97       |
| 95) Naphthalene               | 15.642 | 128  | 1342555  | 54.327   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 320958   | 53.309   | ug/l   | 96       |

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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

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Quant Title : SW846 8260  
QLast Update : Tue Apr 25 02:50:59 2023  
Response via : Initial Calibration

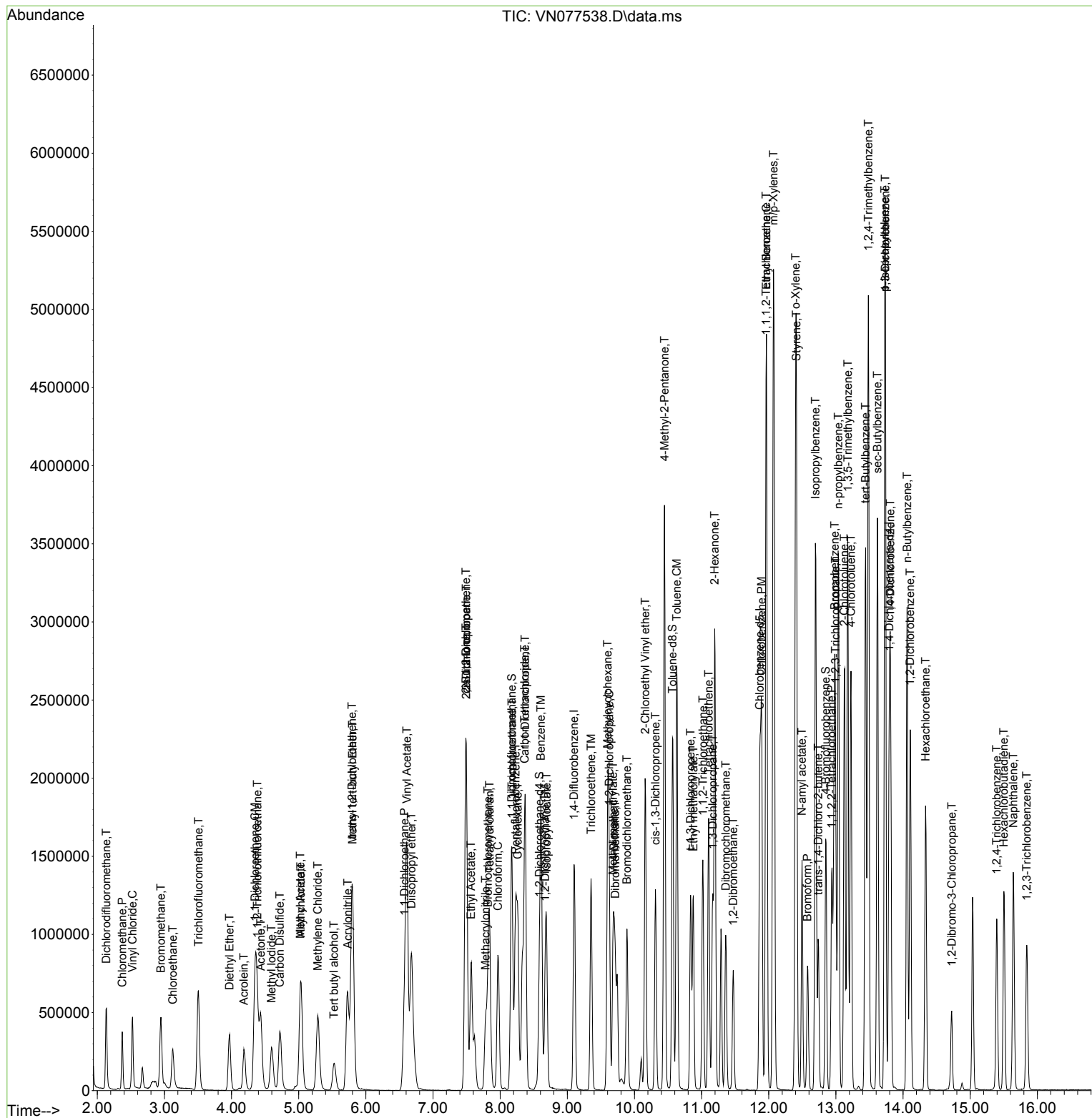
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

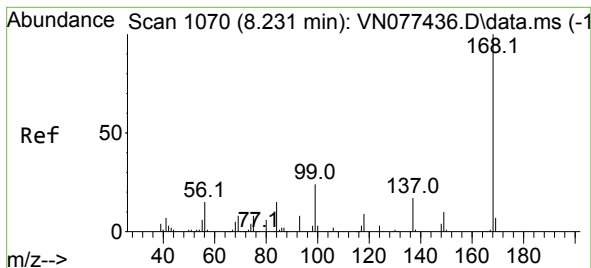
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

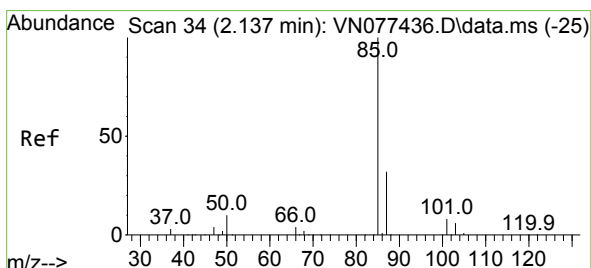
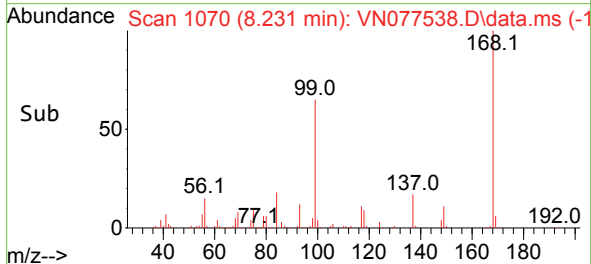
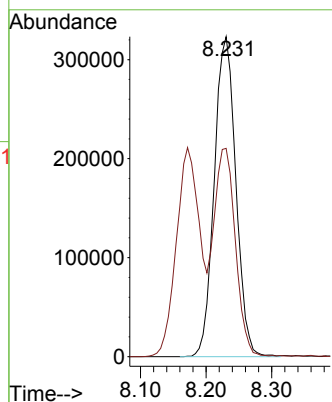
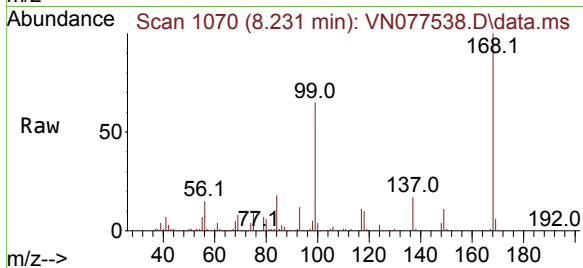
VSTDCCC050

Tgt Ion:168 Resp: 737931

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 49.917 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077538.D

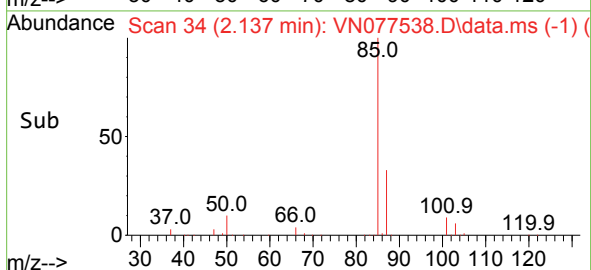
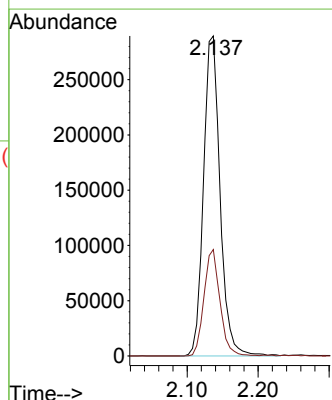
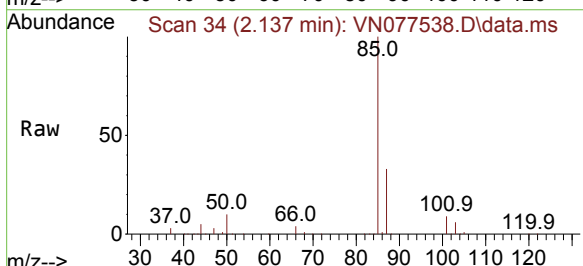
Acq: 01 May 2023 11:19

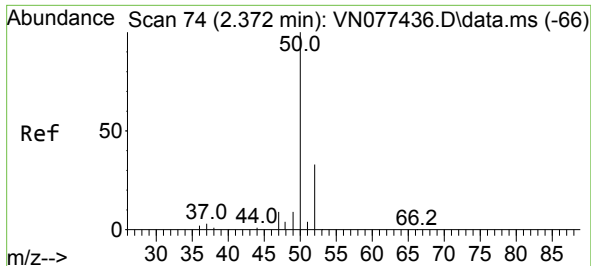
Tgt Ion: 85 Resp: 470212

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4

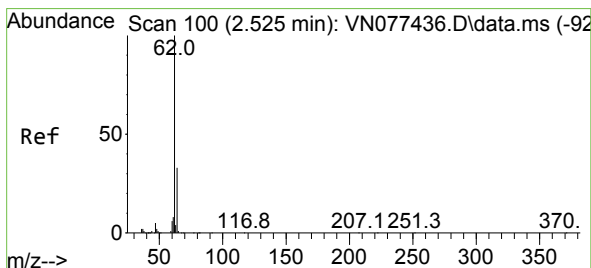
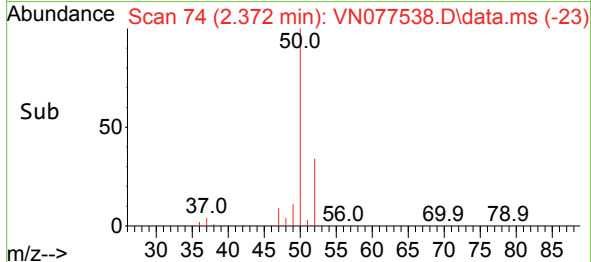
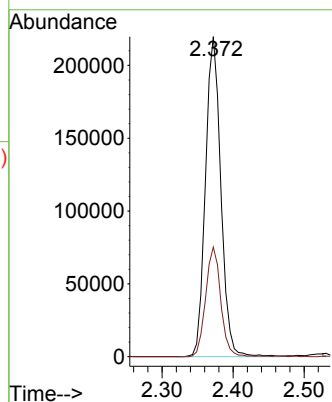
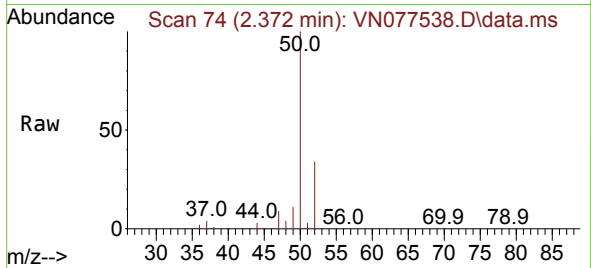




#3  
Chloromethane  
Concen: 44.813 ug/l  
RT: 2.372 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

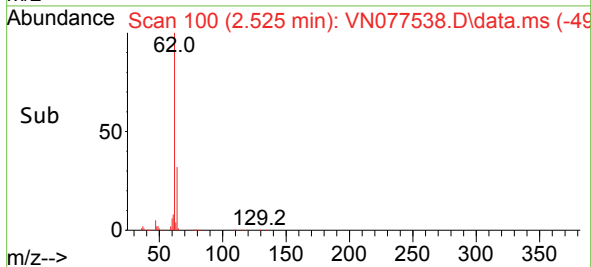
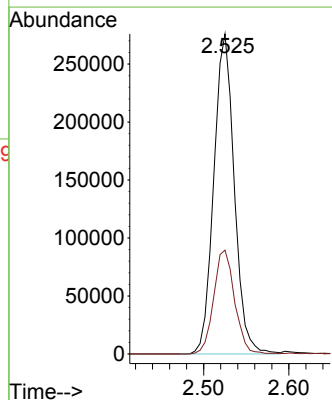
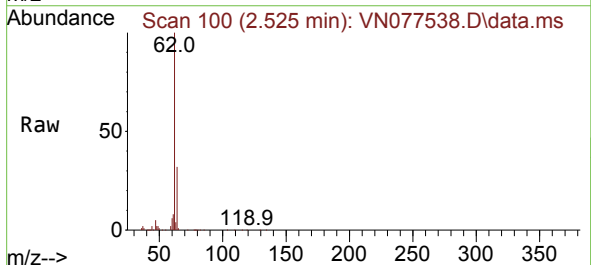
Instrument :  
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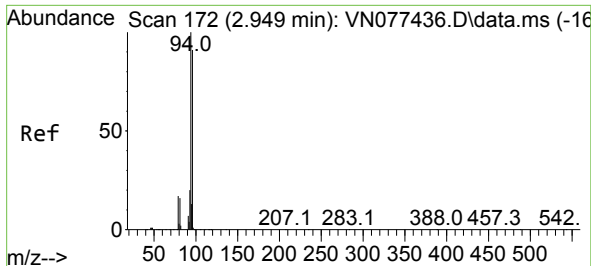
Tgt Ion: 50 Resp: 331483  
Ion Ratio Lower Upper  
50 100  
52 34.3 26.5 39.7



#4  
Vinyl Chloride  
Concen: 46.765 ug/l  
RT: 2.525 min Scan# 100  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 62 Resp: 460818  
Ion Ratio Lower Upper  
62 100  
64 32.5 26.2 39.2

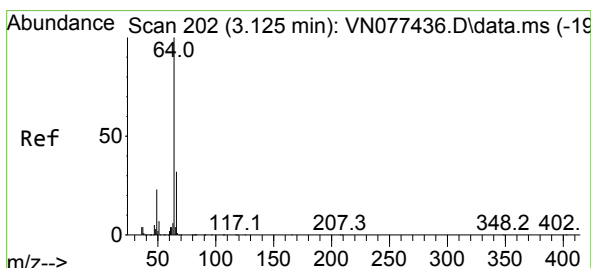
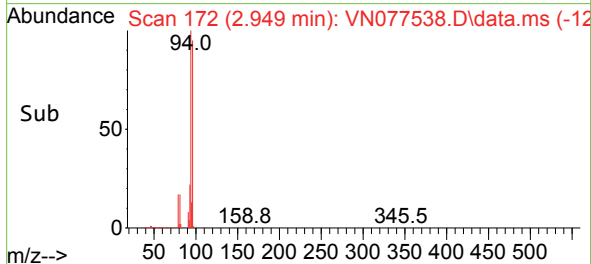
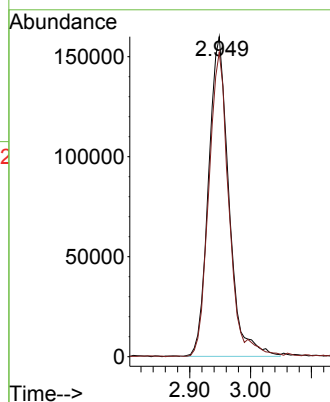
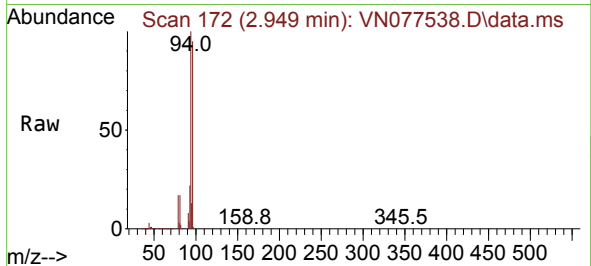




#5  
Bromomethane  
Concen: 43.581 ug/l  
RT: 2.949 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

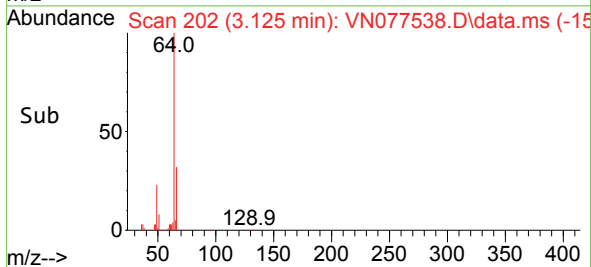
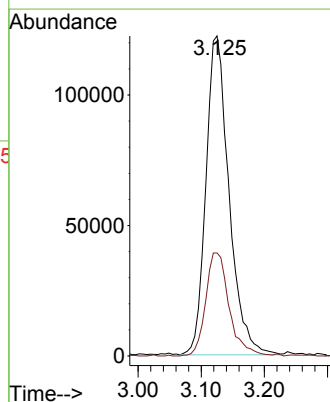
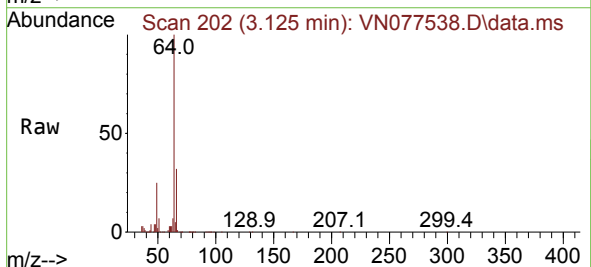
Instrument :  
MSVOA\_N  
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VSTDCCC050

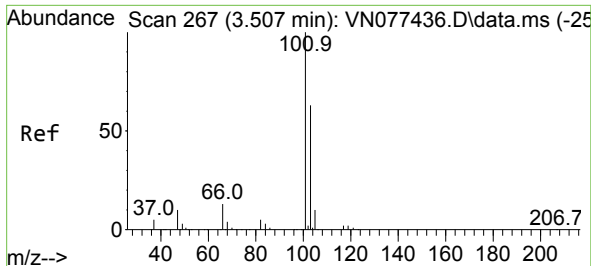
Tgt Ion: 94 Resp: 371996  
Ion Ratio Lower Upper  
94 100  
96 95.0 73.1 109.7



#6  
Chloroethane  
Concen: 41.526 ug/l  
RT: 3.125 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 64 Resp: 310877  
Ion Ratio Lower Upper  
64 100  
66 32.3 25.4 38.2

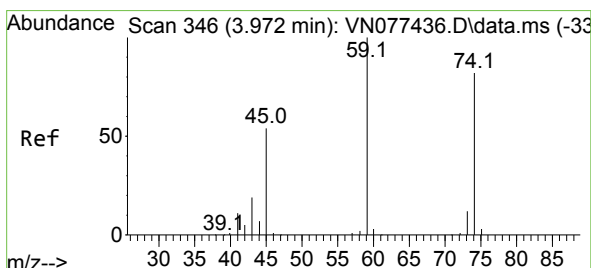
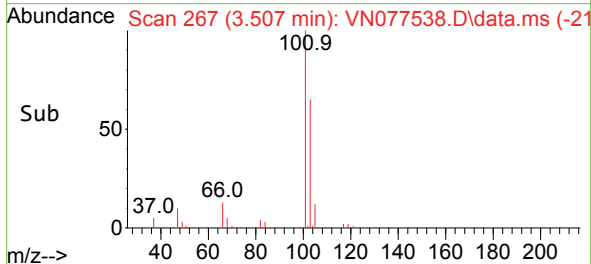
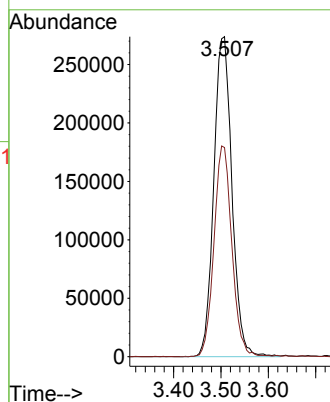
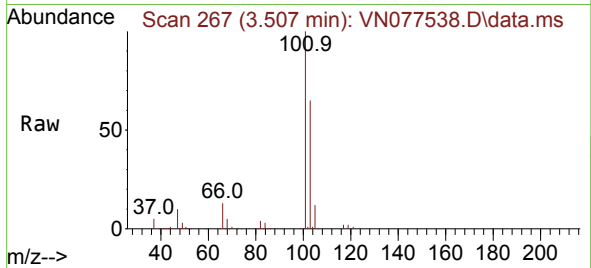




#7  
Trichlorofluoromethane  
Concen: 50.334 ug/l  
RT: 3.507 min Scan# 267  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

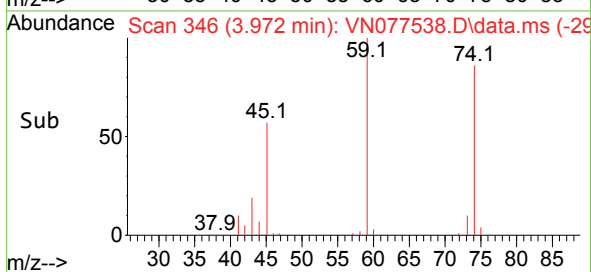
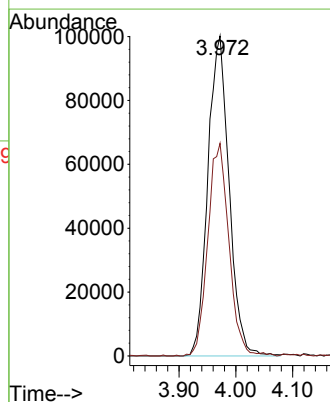
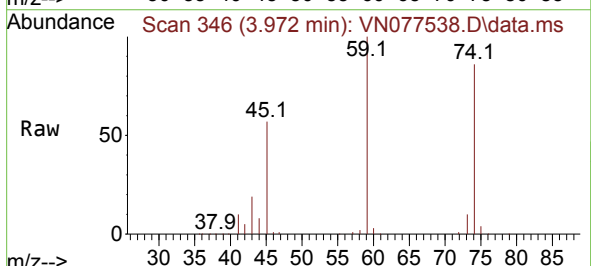
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

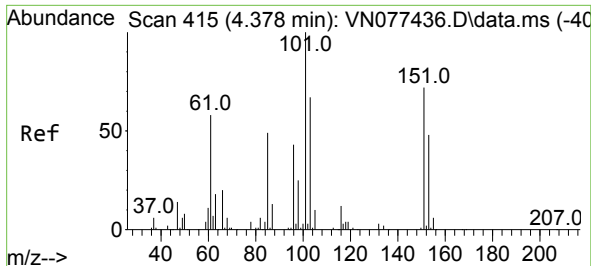
Tgt Ion:101 Resp: 728995  
Ion Ratio Lower Upper  
101 100  
103 65.4 50.7 76.1



#8  
Diethyl Ether  
Concen: 49.250 ug/l  
RT: 3.972 min Scan# 346  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 74 Resp: 259200  
Ion Ratio Lower Upper  
74 100  
45 66.2 34.4 103.3

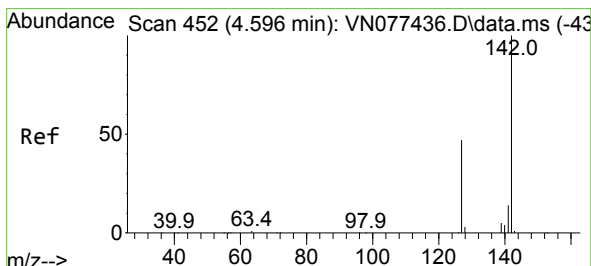
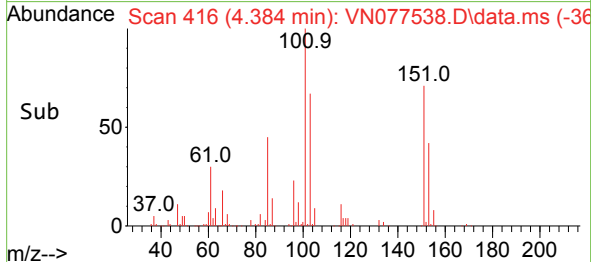
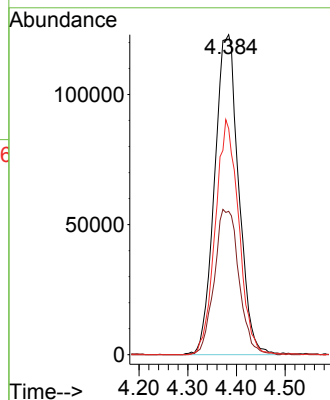
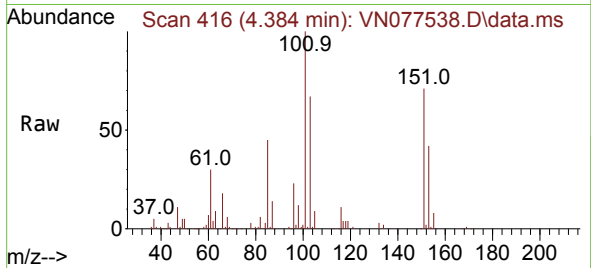




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.184 ug/l  
RT: 4.384 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

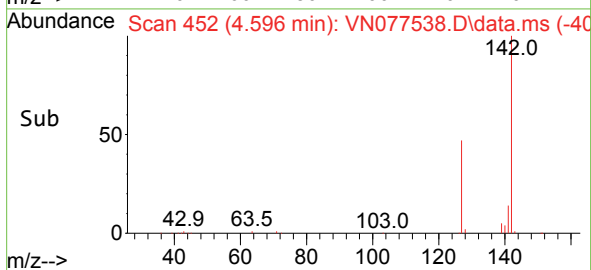
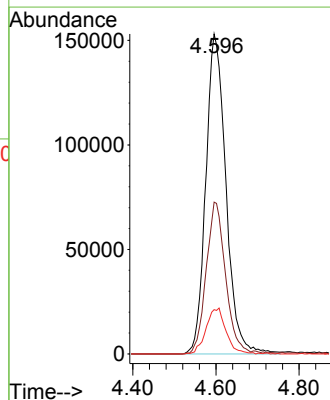
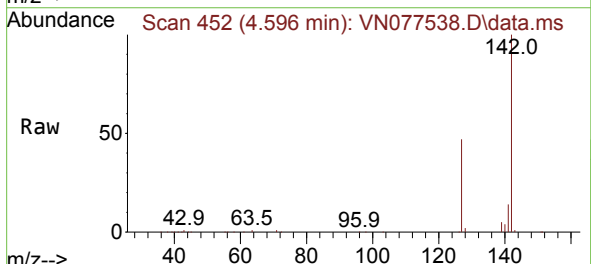
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

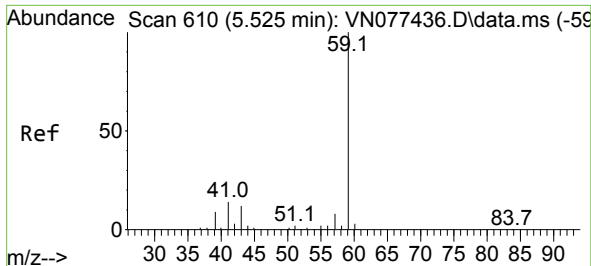
Tgt Ion:101 Resp: 422705  
Ion Ratio Lower Upper  
101 100  
85 46.6 36.6 55.0  
151 71.5 57.6 86.4



#10  
Methyl Iodide  
Concen: 49.785 ug/l  
RT: 4.596 min Scan# 452  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:142 Resp: 515186  
Ion Ratio Lower Upper  
142 100  
127 47.4 37.6 56.4  
141 13.9 11.4 17.0

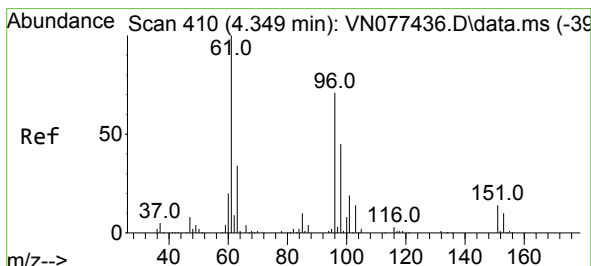
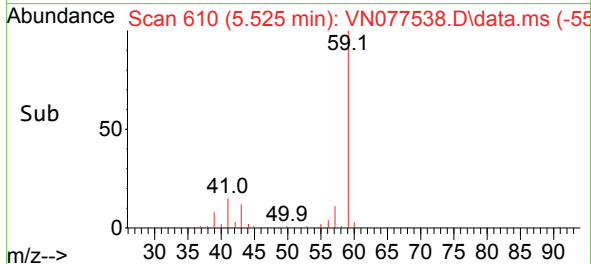
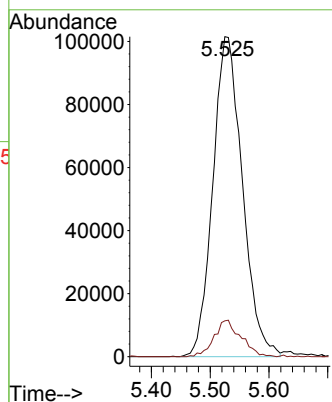
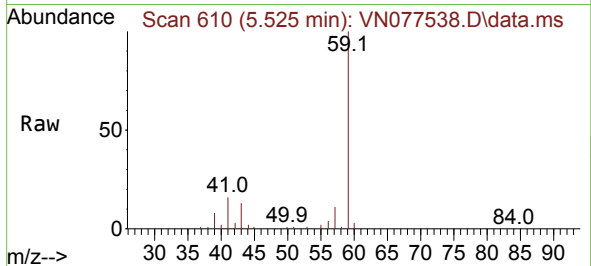




#11  
Tert butyl alcohol  
Concen: 228.967 ug/l  
RT: 5.525 min Scan# 610  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

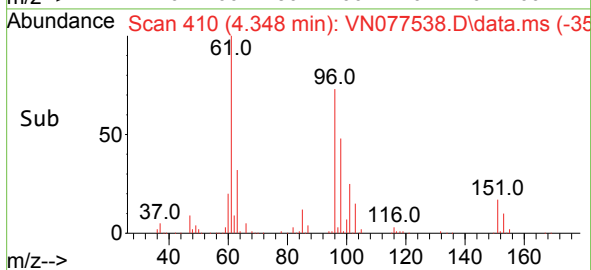
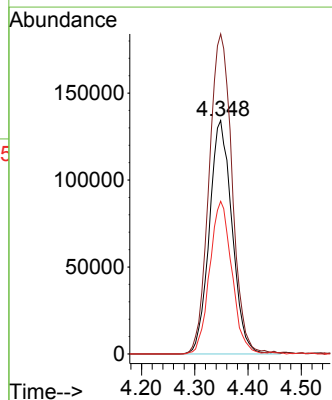
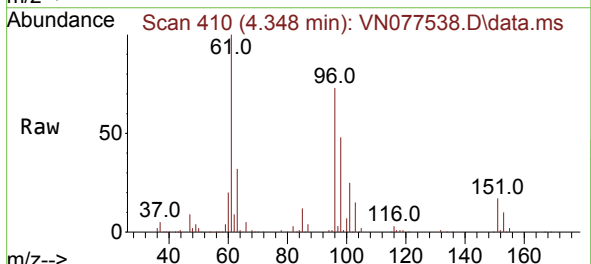
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

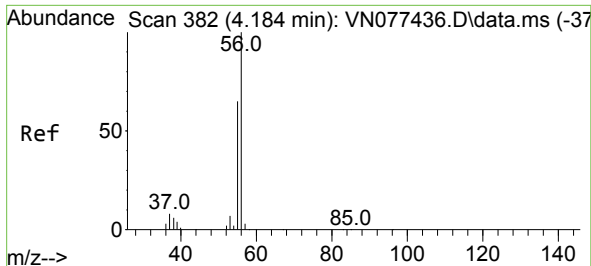
Tgt Ion: 59 Resp: 353941  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 48.206 ug/l  
RT: 4.348 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 96 Resp: 396978  
Ion Ratio Lower Upper  
96 100  
61 137.0 112.7 169.1  
98 65.4 51.2 76.8

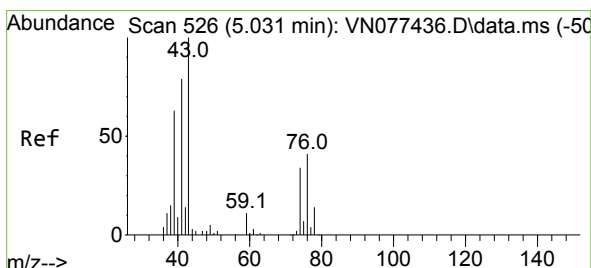
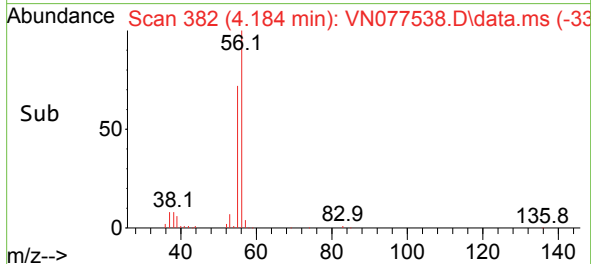
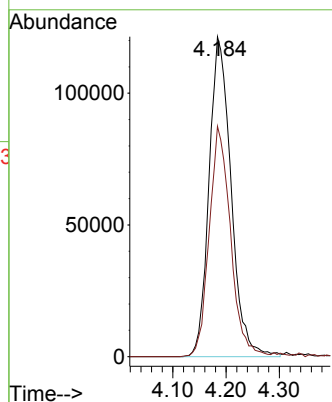
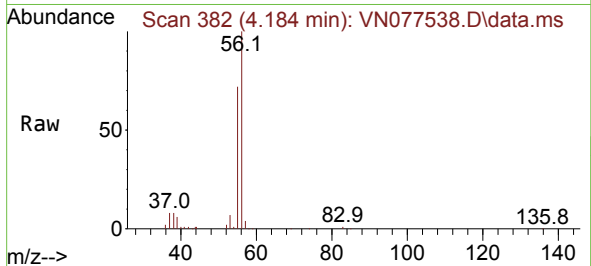




#13  
Acrolein  
Concen: 226.196 ug/l  
RT: 4.184 min Scan# 382  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

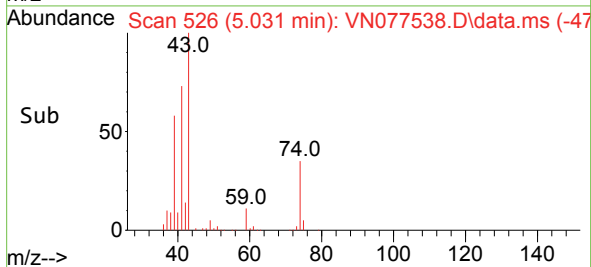
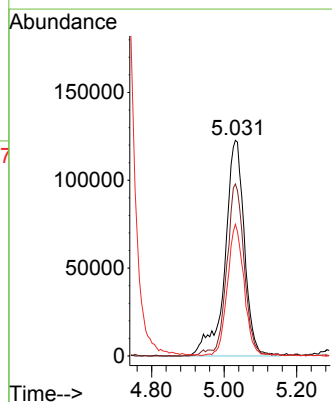
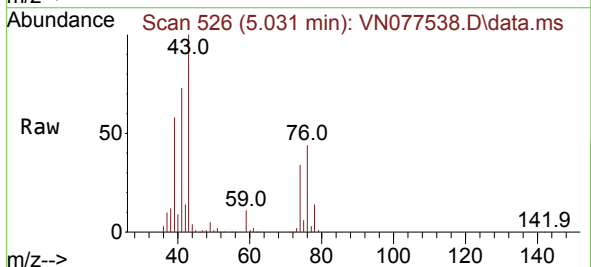
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

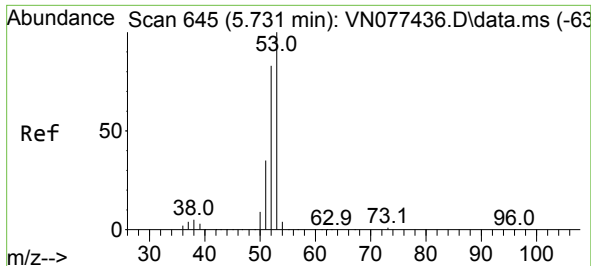
Tgt Ion: 56 Resp: 347837  
Ion Ratio Lower Upper  
56 100  
55 69.8 54.5 81.7



#14  
Allyl chloride  
Concen: 49.814 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 41 Resp: 456077  
Ion Ratio Lower Upper  
41 100  
39 68.8 58.8 88.2  
76 52.0 39.1 58.7

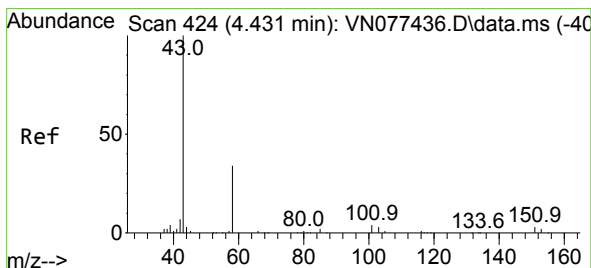
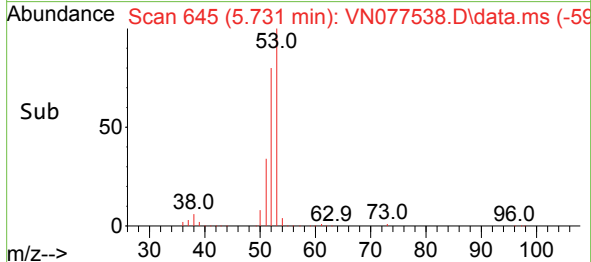
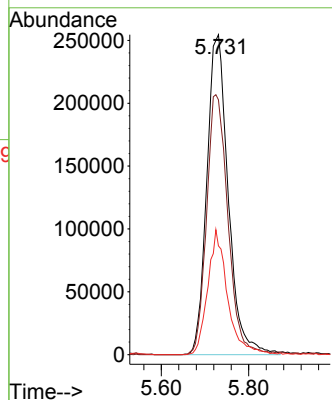
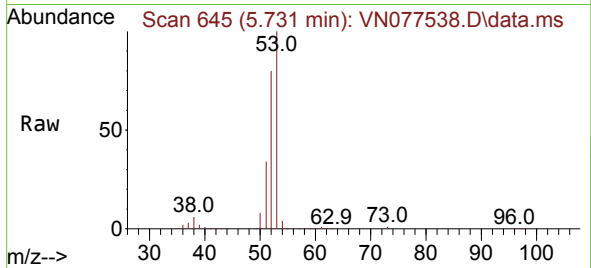




#15  
Acrylonitrile  
Concen: 247.302 ug/l  
RT: 5.731 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

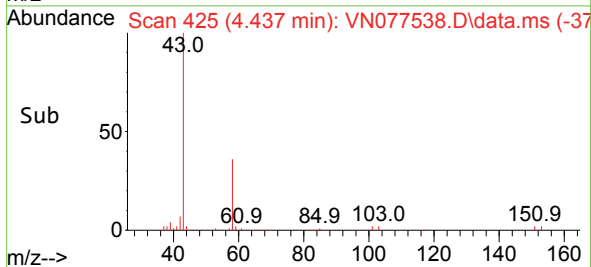
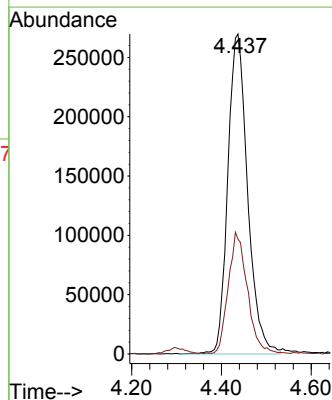
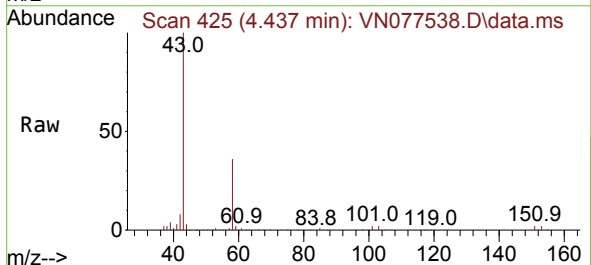
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

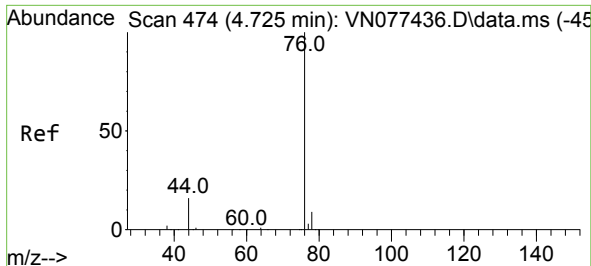
Tgt Ion: 53 Resp: 867233  
Ion Ratio Lower Upper  
53 100  
52 81.0 65.3 97.9  
51 36.1 28.9 43.3



#16  
Acetone  
Concen: 270.431 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. 0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 43 Resp: 828445  
Ion Ratio Lower Upper  
43 100  
58 35.4 28.0 42.0

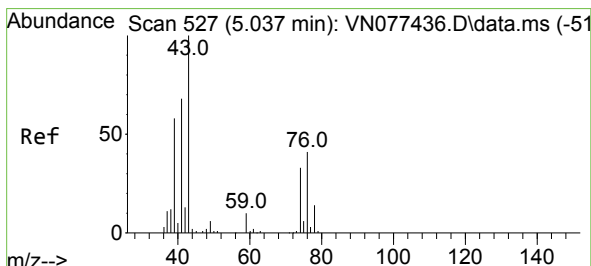
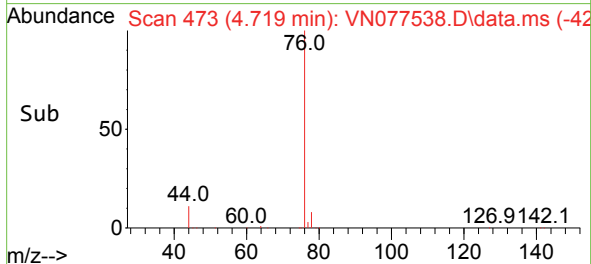
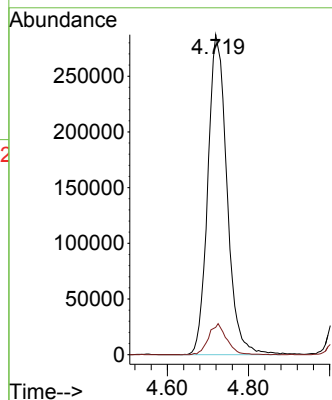
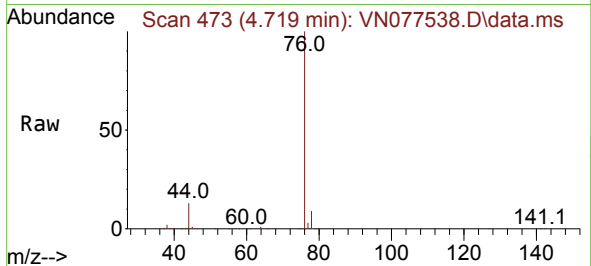




#17  
Carbon Disulfide  
Concen: 44.910 ug/l  
RT: 4.719 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

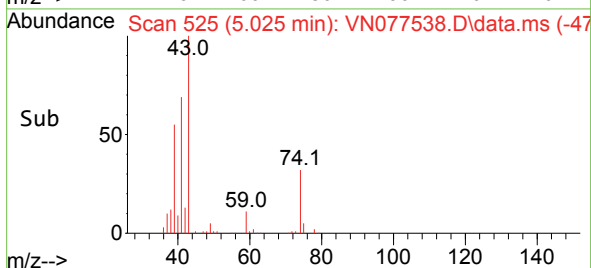
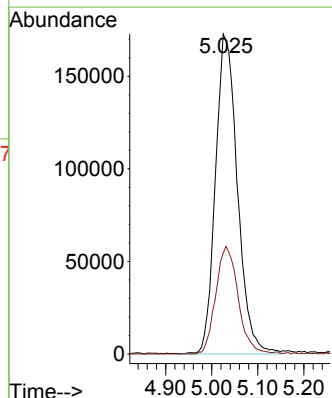
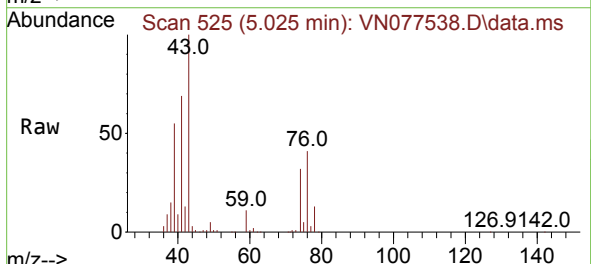
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ClientSampleId :  
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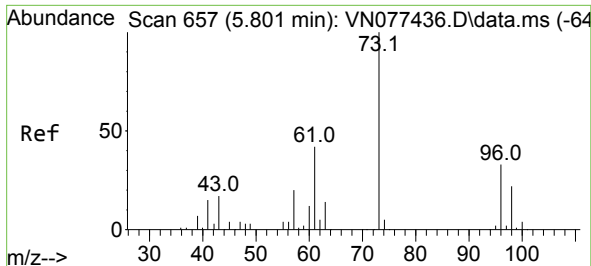
Tgt Ion: 76 Resp: 939776  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.0



#18  
Methyl Acetate  
Concen: 48.335 ug/l  
RT: 5.025 min Scan# 525  
Delta R.T. -0.012 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 43 Resp: 571803  
Ion Ratio Lower Upper  
43 100  
74 34.2 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 51.221 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

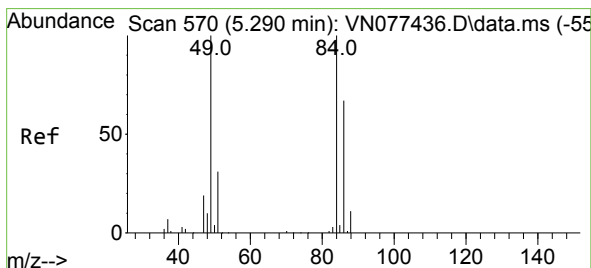
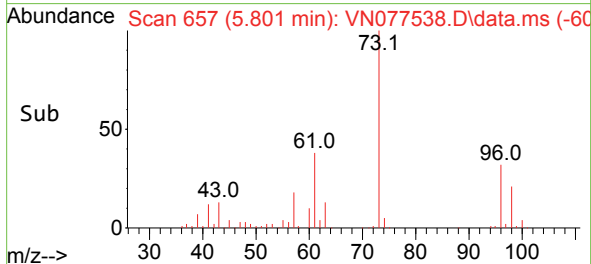
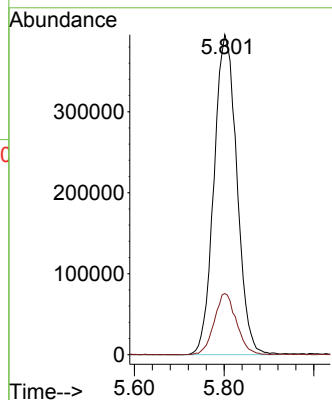
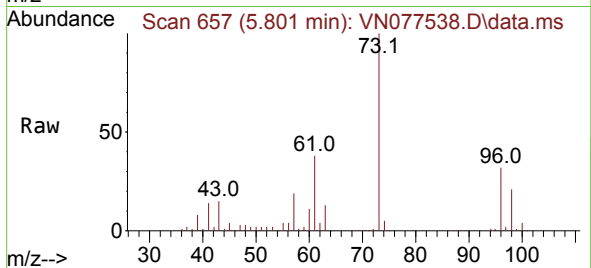
VSTDCCC050

Tgt Ion: 73 Resp: 1402793

Ion Ratio Lower Upper

73 100

57 19.1 15.6 23.4



#20

Methylene Chloride

Concen: 47.636 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Tgt Ion: 84 Resp: 462786

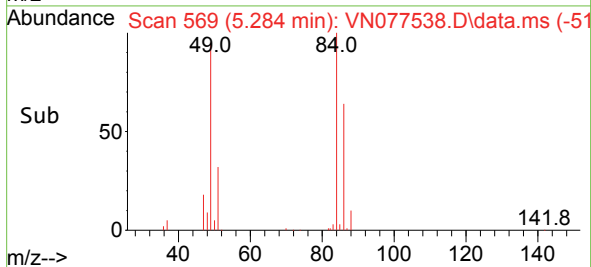
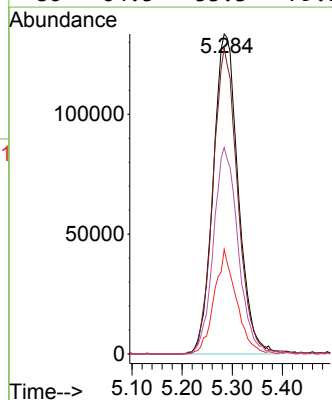
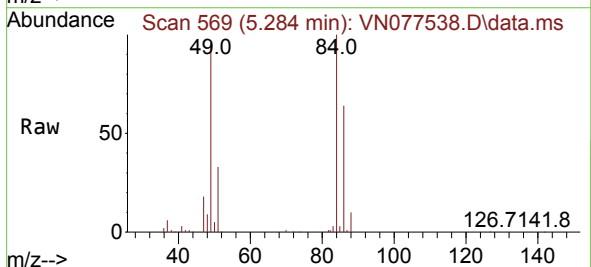
Ion Ratio Lower Upper

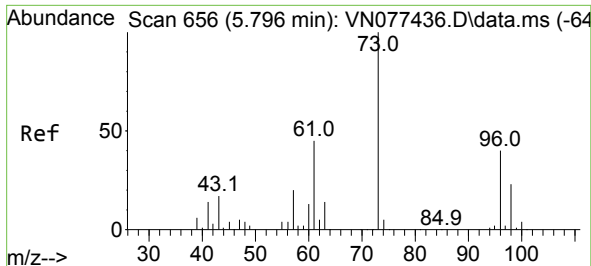
84 100

49 95.6 79.7 119.5

51 32.7 25.2 37.8

86 64.5 53.3 79.9

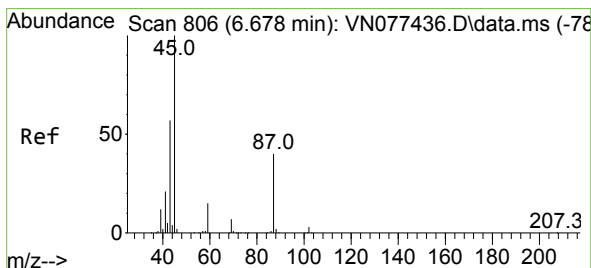
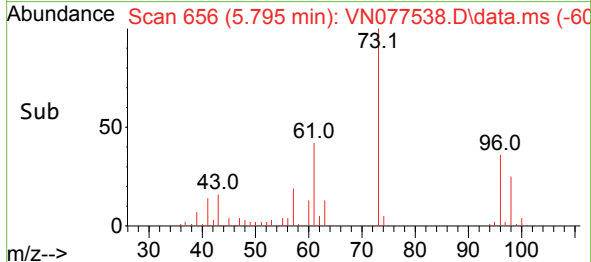
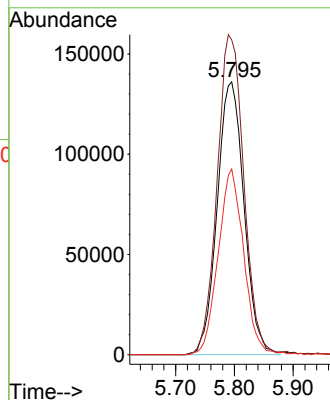
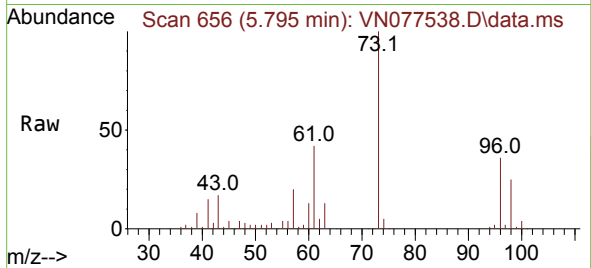




#21  
trans-1,2-Dichloroethene  
Concen: 48.509 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

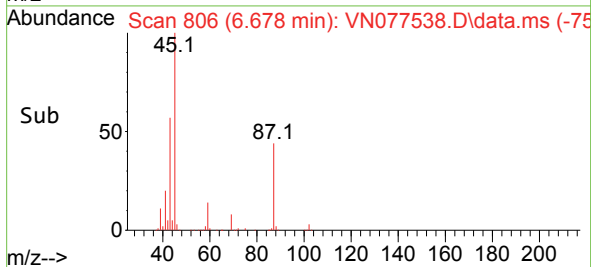
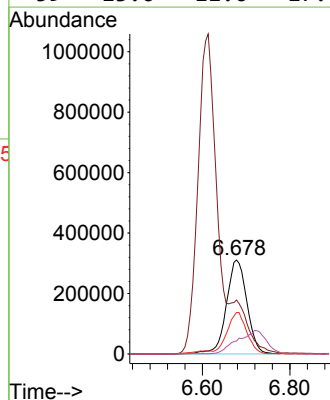
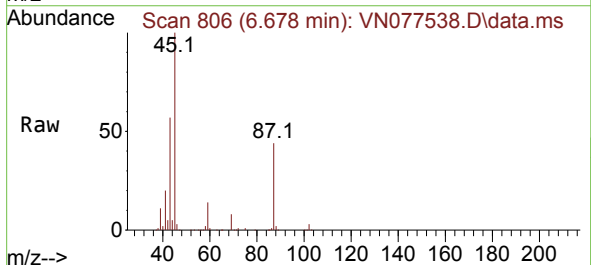
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ClientSampleId :  
VSTDCCC050

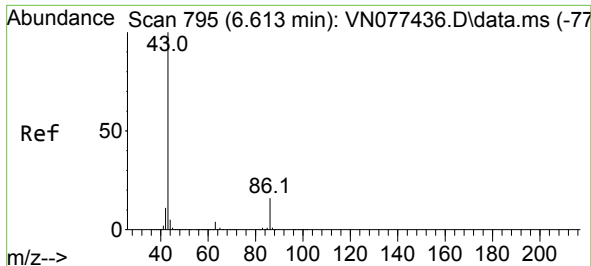
Tgt Ion: 96 Resp: 431968  
Ion Ratio Lower Upper  
96 100  
61 115.4 90.1 135.1  
98 68.1 46.4 69.6



#22  
Diisopropyl ether  
Concen: 48.246 ug/l  
RT: 6.678 min Scan# 806  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 45 Resp: 1013783  
Ion Ratio Lower Upper  
45 100  
43 56.4 45.5 68.3  
87 43.9 31.8 47.8  
59 13.6 11.6 17.4

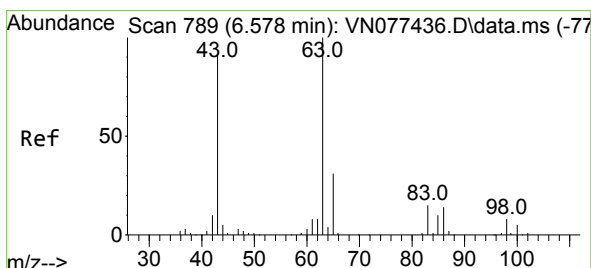
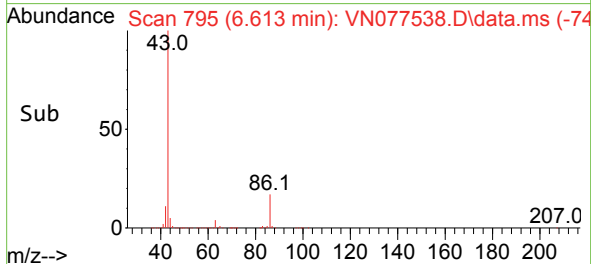
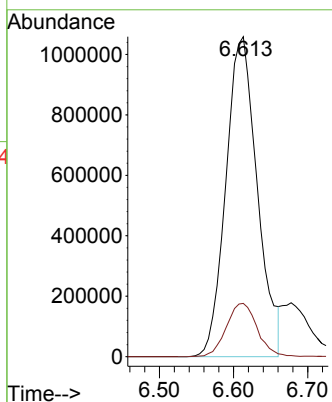
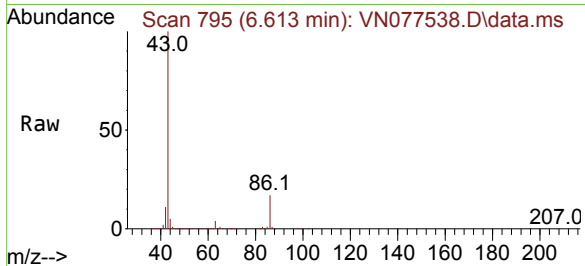




#23  
 Vinyl Acetate  
 Concen: 237.758 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

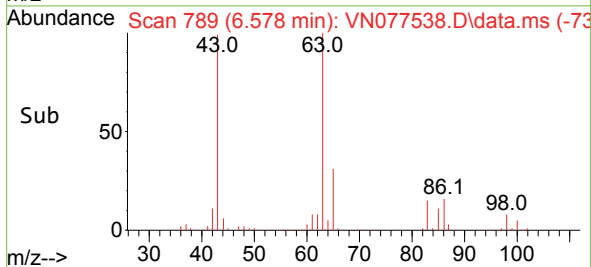
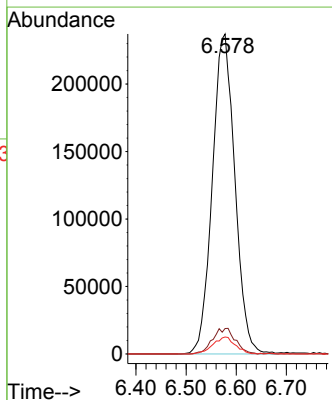
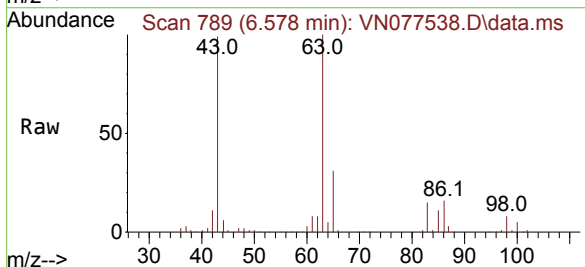
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

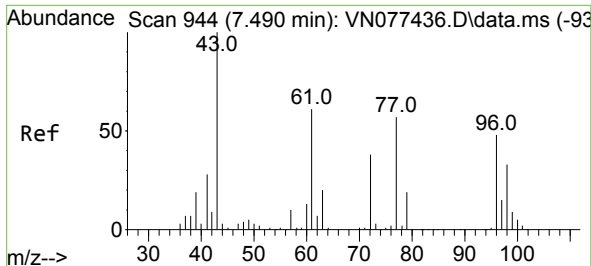
Tgt Ion: 43 Resp: 3120092  
 Ion Ratio Lower Upper  
 43 100  
 86 16.7 13.0 19.6



#24  
 1,1-Dichloroethane  
 Concen: 49.788 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

Tgt Ion: 63 Resp: 740552  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.9 11.7  
 100 5.3 2.5 7.4

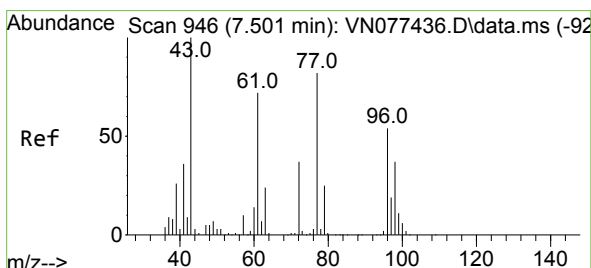
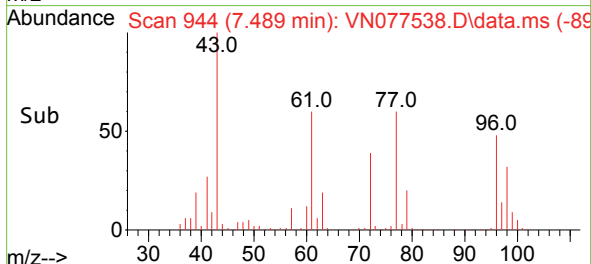
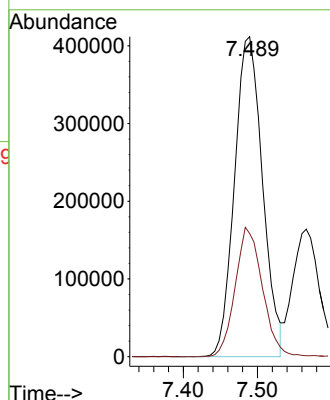
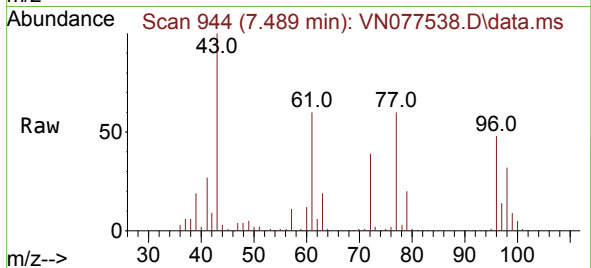




#25  
2-Butanone  
Concen: 248.656 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

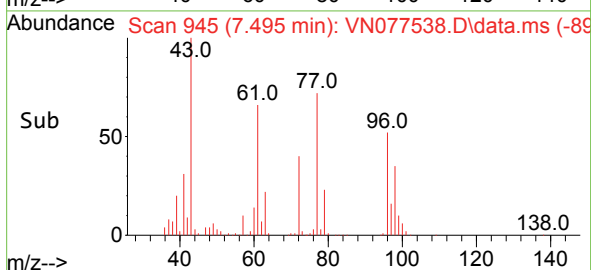
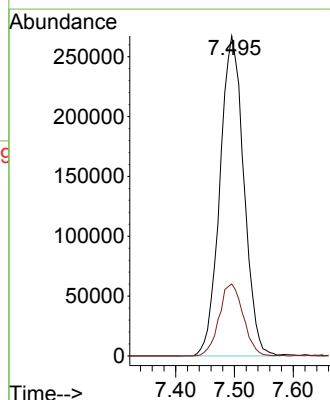
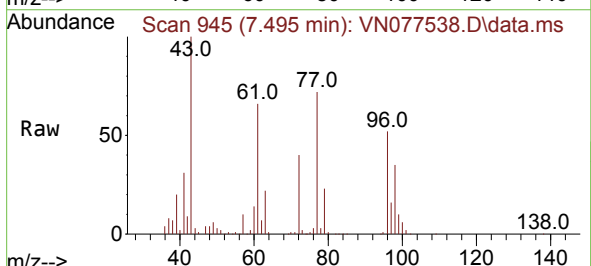
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

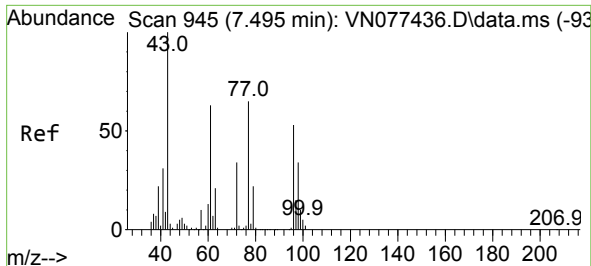
Tgt Ion: 43 Resp: 1080402  
Ion Ratio Lower Upper  
43 100  
72 38.5 30.2 45.2



#26  
2,2-Dichloropropane  
Concen: 52.399 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 77 Resp: 755726  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.2 33.6

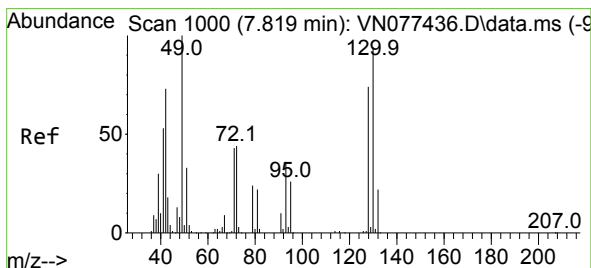
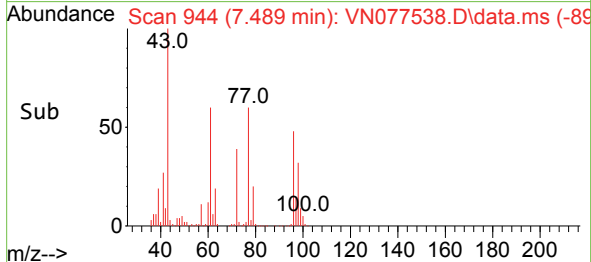
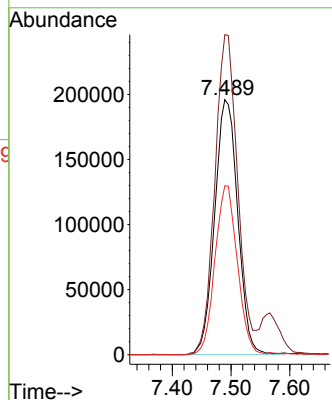
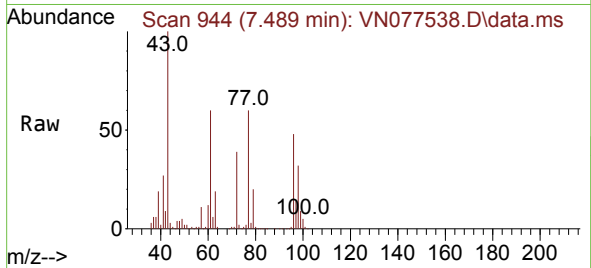




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.754 ug/l  
 RT: 7.489 min Scan# 94  
 Delta R.T. -0.006 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

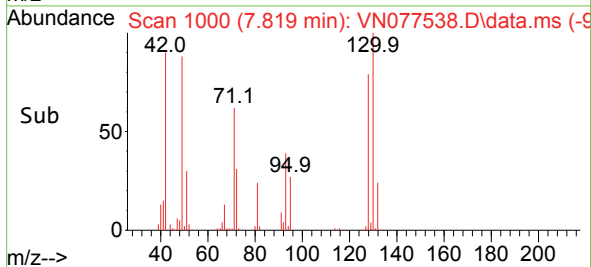
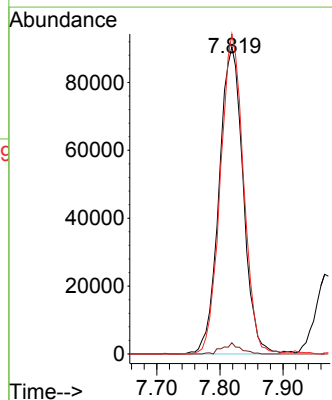
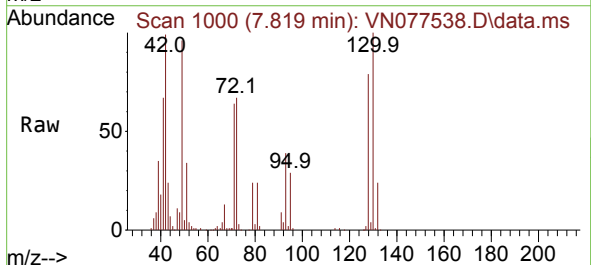
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

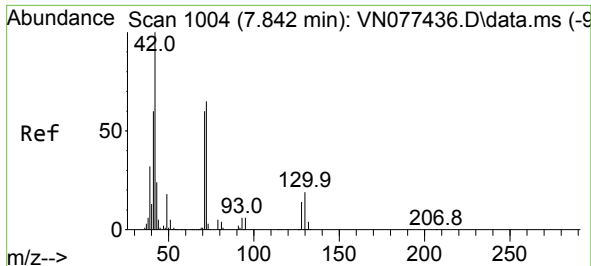
Tgt Ion: 96 Resp: 535259  
 Ion Ratio Lower Upper  
 96 100  
 61 124.5 0.0 255.2  
 98 64.2 0.0 128.8



#28  
 Bromochloromethane  
 Concen: 42.146 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

Tgt Ion: 49 Resp: 239395  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 4.8  
 130 100.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 236.277 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

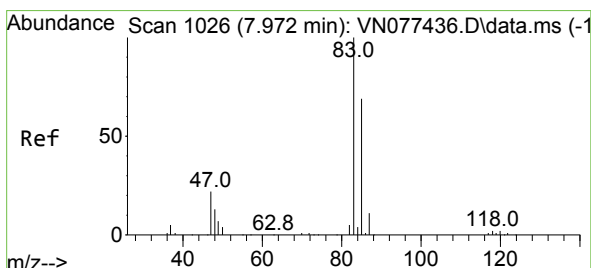
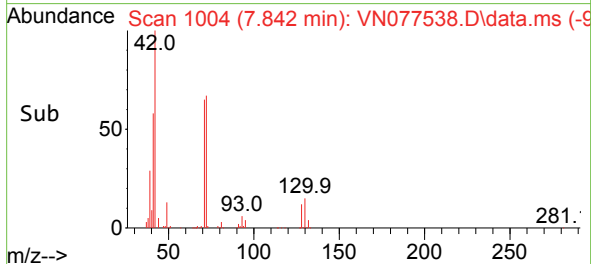
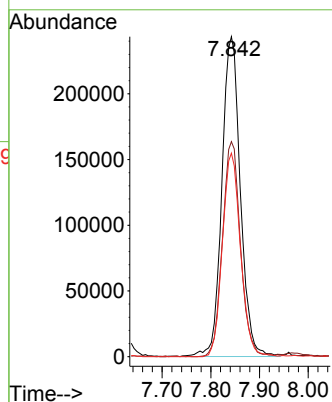
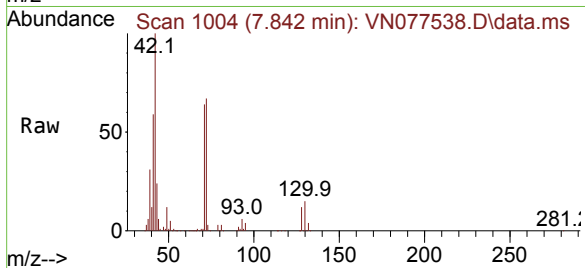
Tgt Ion: 42 Resp: 643229

Ion Ratio Lower Upper

42 100

72 65.5 49.8 74.6

71 62.3 47.4 71.2



#30

Chloroform

Concen: 53.246 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077538.D

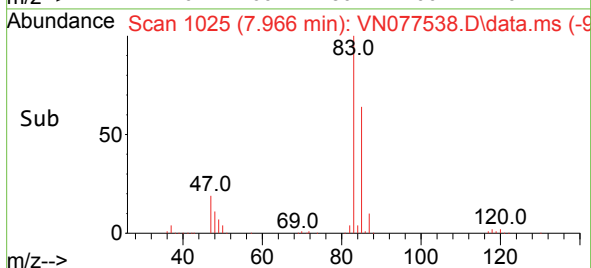
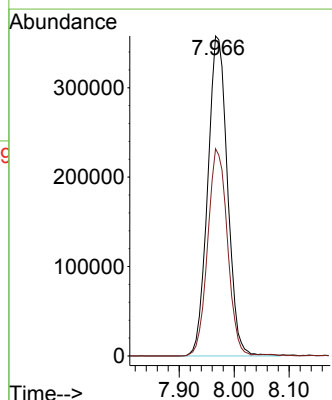
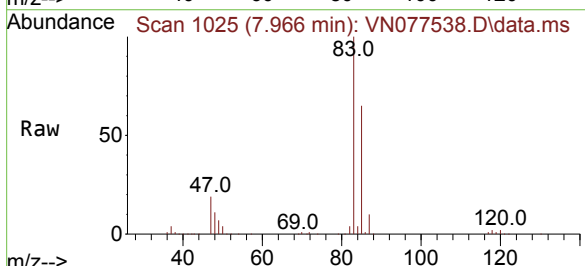
Acq: 01 May 2023 11:19

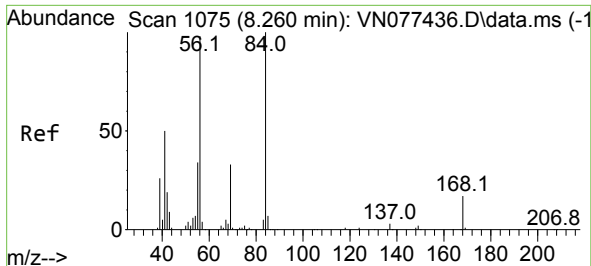
Tgt Ion: 83 Resp: 892550

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0

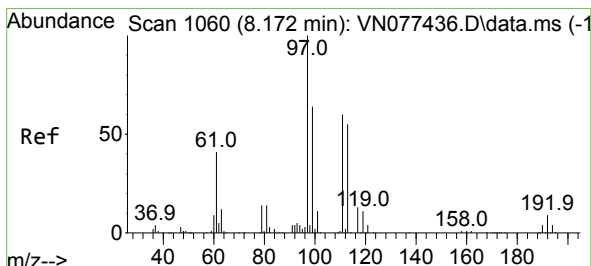
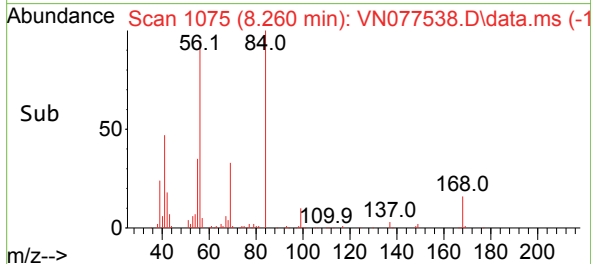
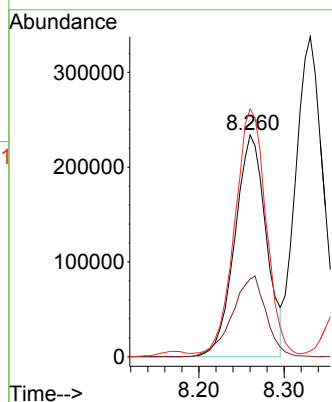
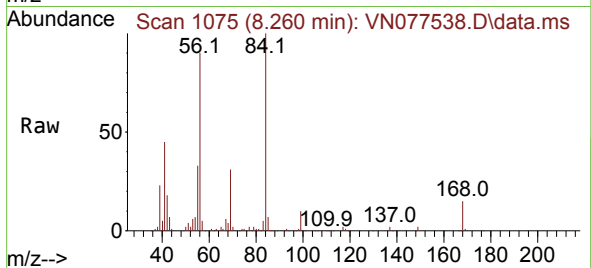




#31  
Cyclohexane  
Concen: 43.933 ug/l  
RT: 8.260 min Scan# 1075  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

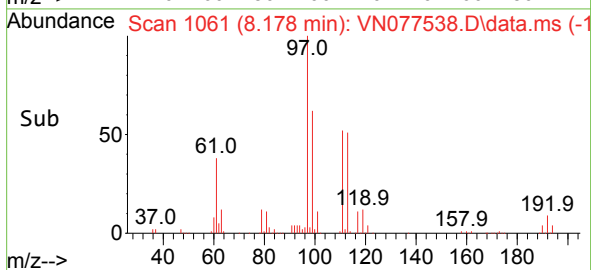
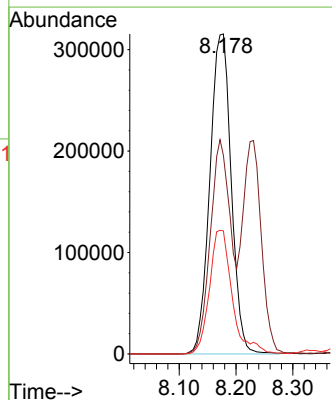
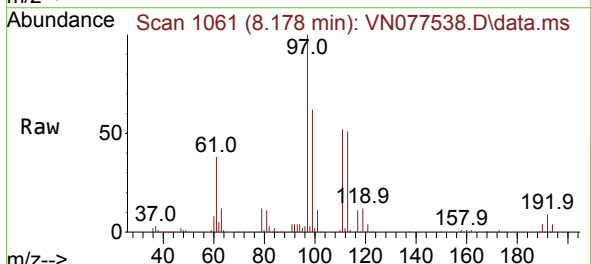
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

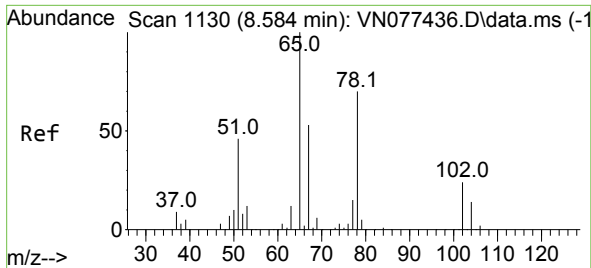
Tgt Ion: 56 Resp: 599273  
Ion Ratio Lower Upper  
56 100  
69 35.1 26.8 40.2  
84 109.4 81.8 122.6



#32  
1,1,1-Trichloroethane  
Concen: 53.339 ug/l  
RT: 8.178 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 97 Resp: 822029  
Ion Ratio Lower Upper  
97 100  
99 64.5 50.3 75.5  
61 41.2 34.7 52.1

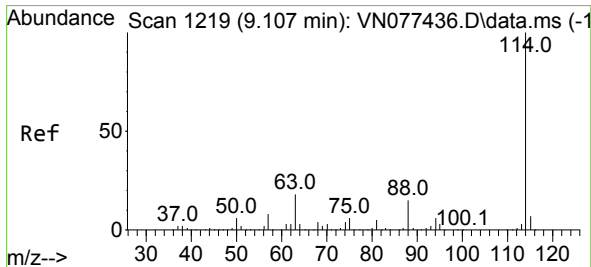
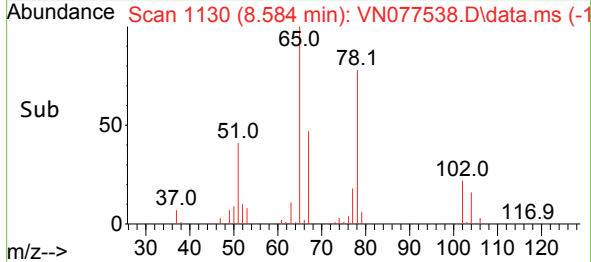
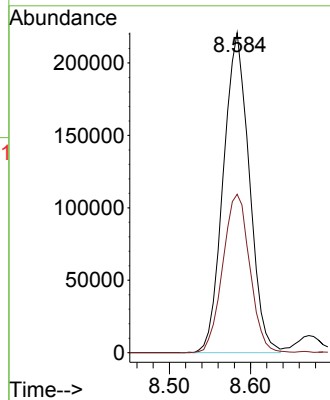
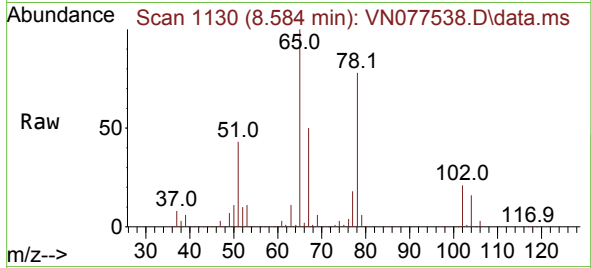




#33  
1,2-Dichloroethane-d4  
Concen: 50.882 ug/l  
RT: 8.584 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

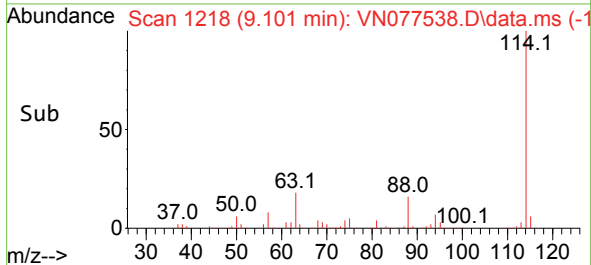
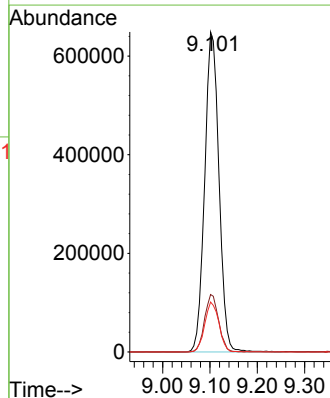
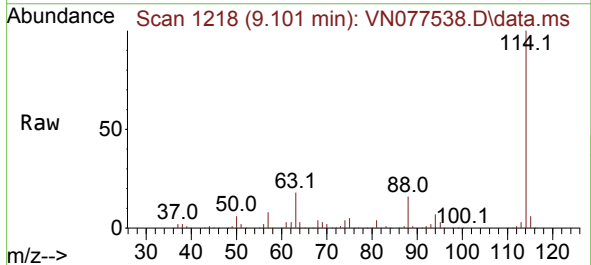
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

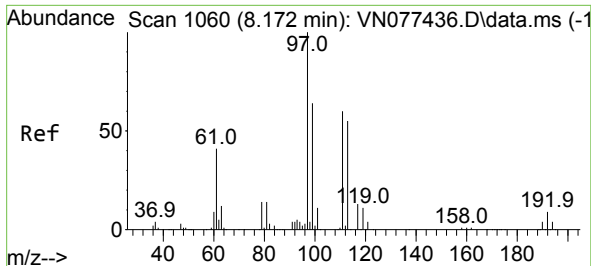
Tgt Ion: 65 Resp: 489947  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 106.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.101 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 114 Resp: 1356349  
Ion Ratio Lower Upper  
114 100  
63 17.9 0.0 36.4  
88 15.6 0.0 30.6

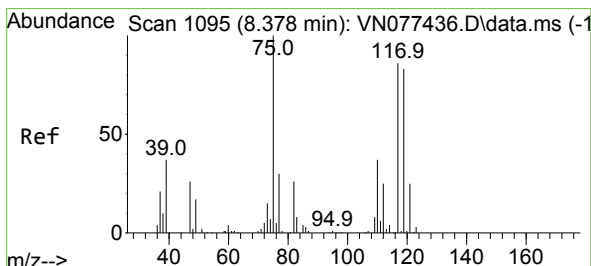
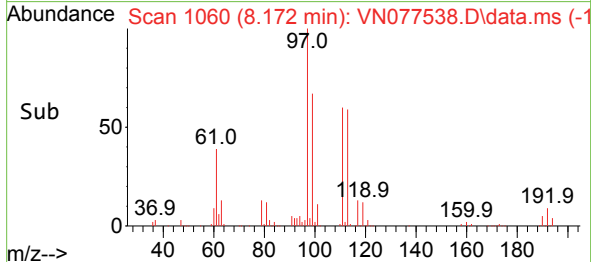
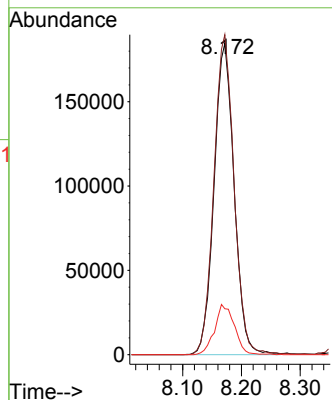
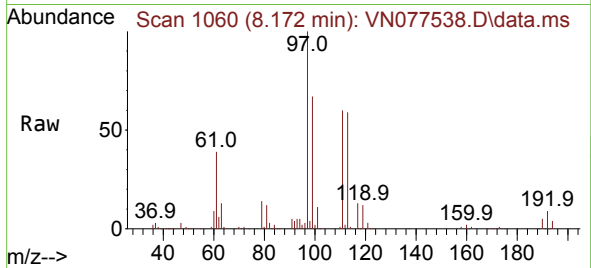




#35  
Dibromofluoromethane  
Concen: 53.694 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

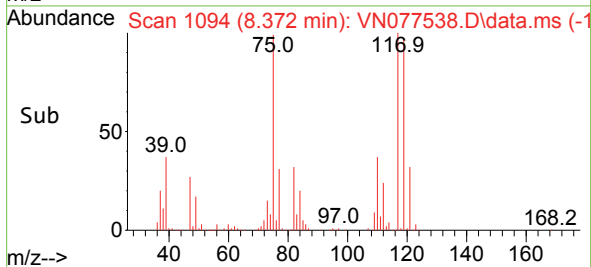
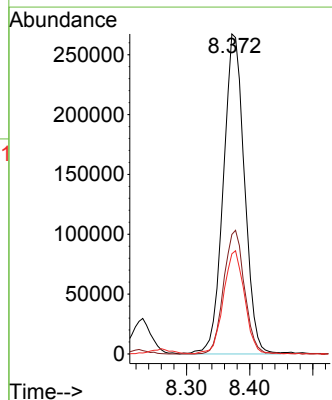
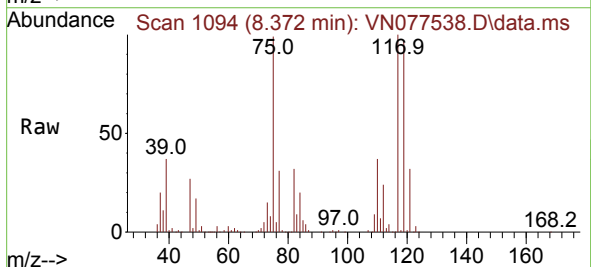
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

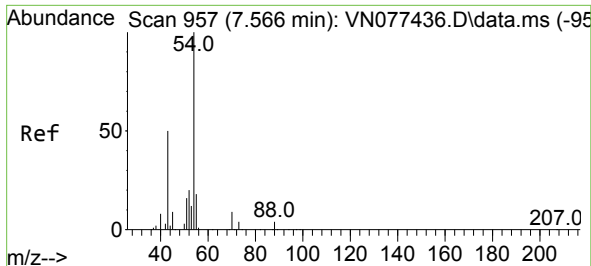
Tgt Ion:113 Resp: 437730  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.6 123.8  
192 15.8 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 52.827 ug/l  
RT: 8.372 min Scan# 1094  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 75 Resp: 622180  
Ion Ratio Lower Upper  
75 100  
110 38.1 19.1 57.3  
77 31.9 25.0 37.4

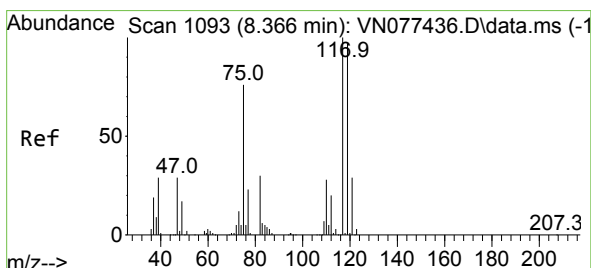
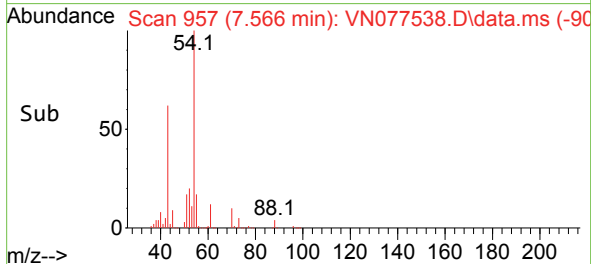
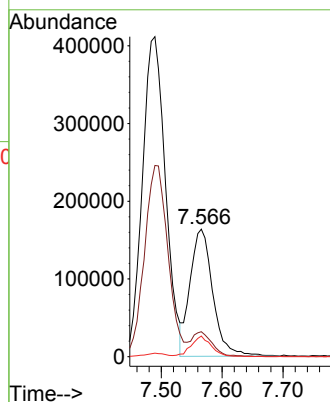
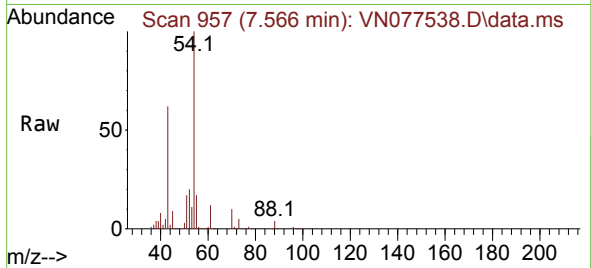




#37  
Ethyl Acetate  
Concen: 47.567 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

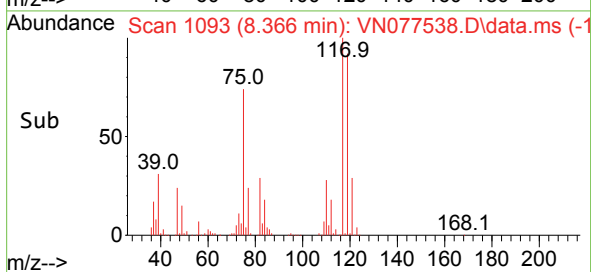
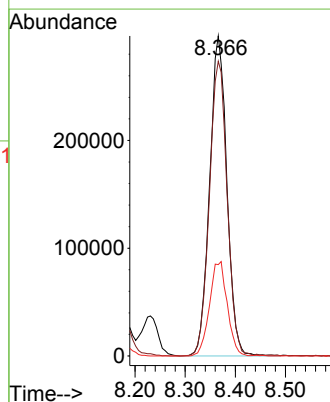
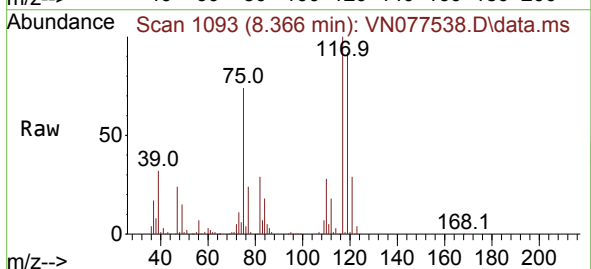
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ClientSampleId :  
VSTDCCC050

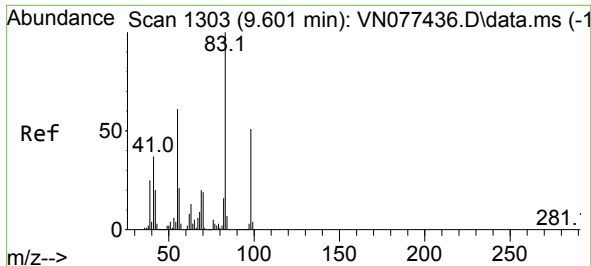
Tgt Ion: 43 Resp: 425709  
Ion Ratio Lower Upper  
43 100  
61 17.3 13.2 19.8  
70 14.3 11.3 16.9



#38  
Carbon Tetrachloride  
Concen: 54.581 ug/l  
RT: 8.366 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 117 Resp: 709262  
Ion Ratio Lower Upper  
117 100  
119 92.1 77.3 115.9  
121 28.6 23.3 34.9





#39

Methylcyclohexane

Concen: 52.923 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

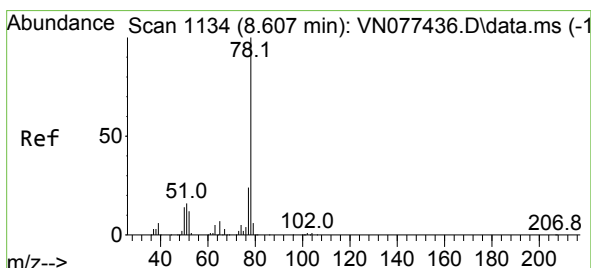
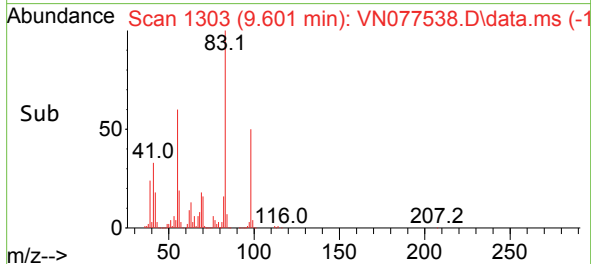
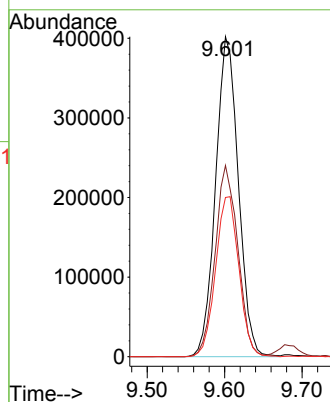
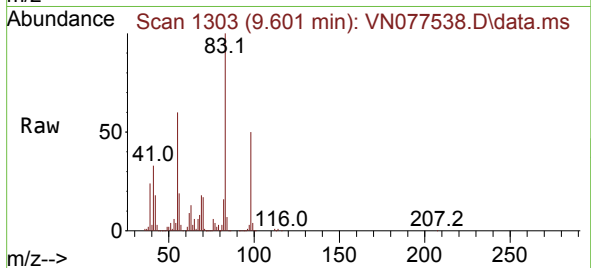
Tgt Ion: 83 Resp: 821221

Ion Ratio Lower Upper

83 100

55 59.8 49.1 73.7

98 49.7 40.6 61.0



#40

Benzene

Concen: 52.608 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077538.D

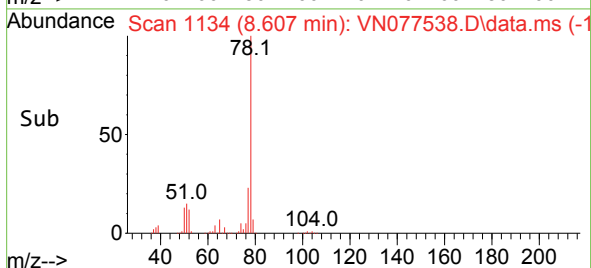
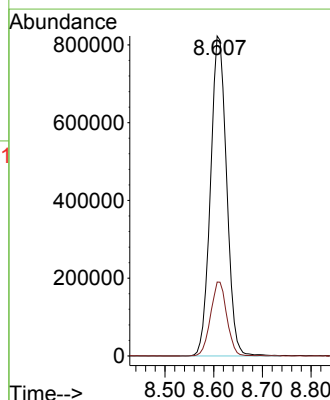
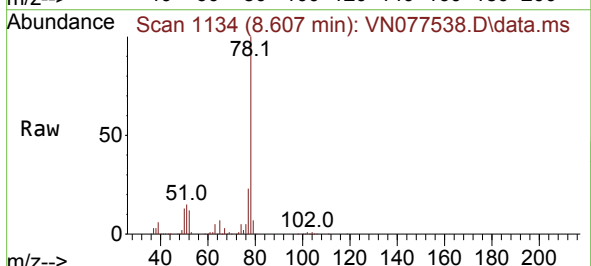
Acq: 01 May 2023 11:19

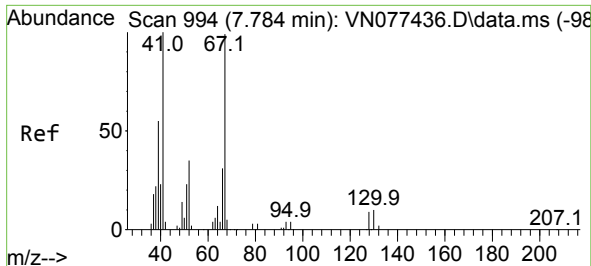
Tgt Ion: 78 Resp: 1887524

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

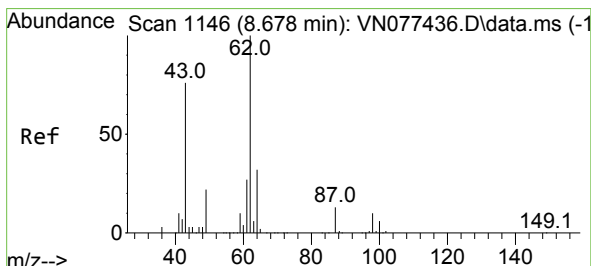
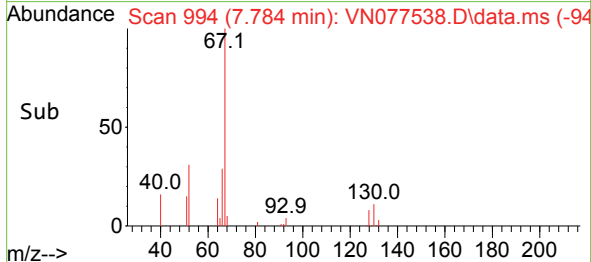
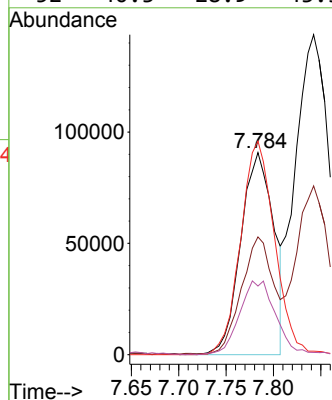
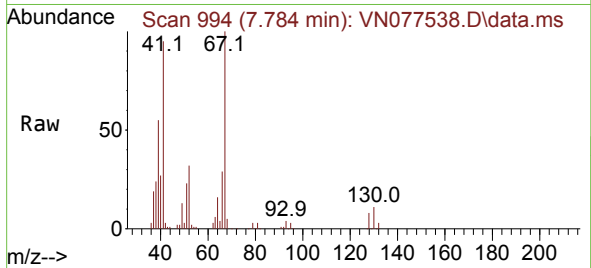




#41  
Methacrylonitrile  
Concen: 47.294 ug/l  
RT: 7.784 min Scan# 994  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

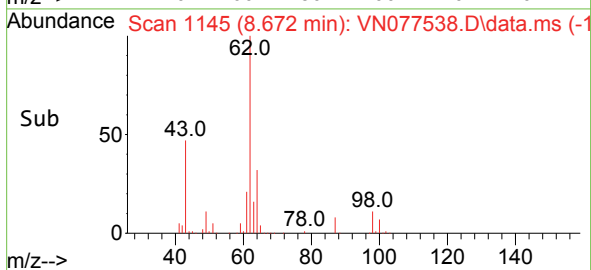
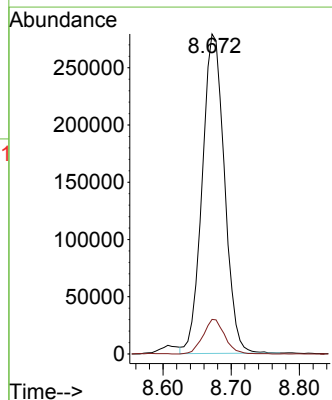
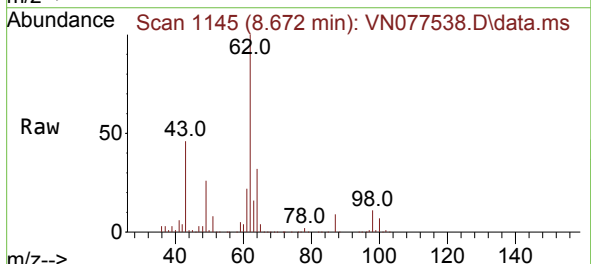
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

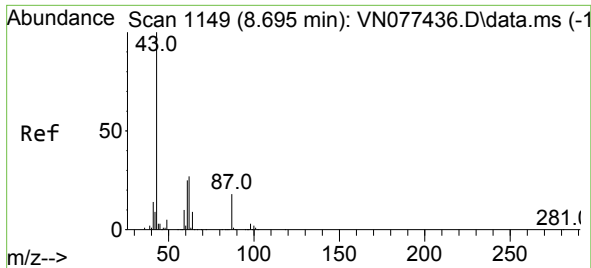
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 220452 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 55.8  | 42.6  | 64.0   |
| 67       | 109.1 | 77.5  | 116.3  |
| 52       | 40.3  | 28.9  | 43.3   |



#42  
1,2-Dichloroethane  
Concen: 51.377 ug/l  
RT: 8.672 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 633136 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 19.8   |

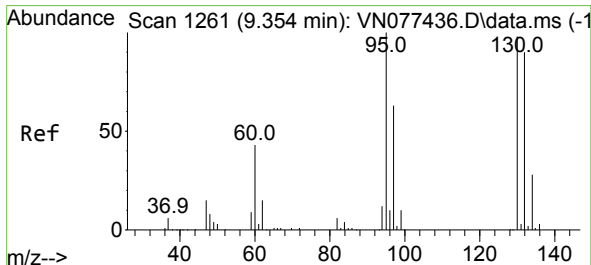
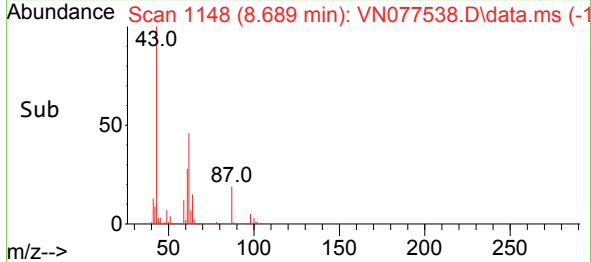
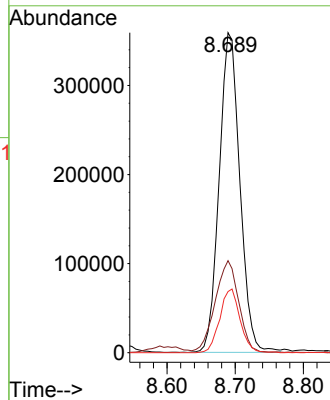
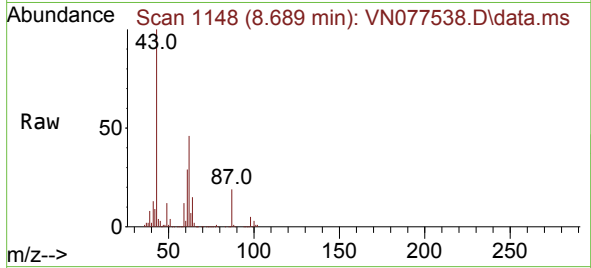




#43  
Isopropyl Acetate  
Concen: 48.972 ug/l  
RT: 8.689 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

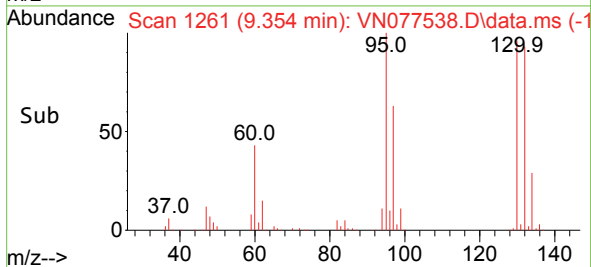
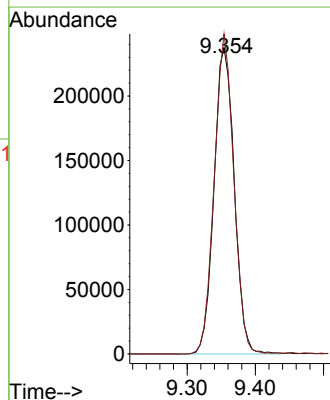
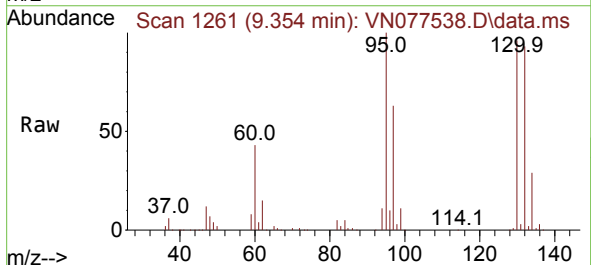
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

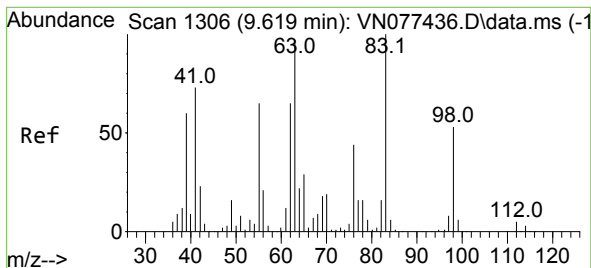
Tgt Ion: 43 Resp: 758223  
Ion Ratio Lower Upper  
43 100  
61 32.5 24.7 37.1  
87 19.6 14.6 21.8



#44  
Trichloroethene  
Concen: 53.499 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:130 Resp: 491474  
Ion Ratio Lower Upper  
130 100  
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.118 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

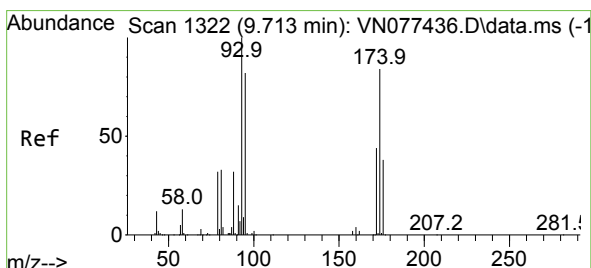
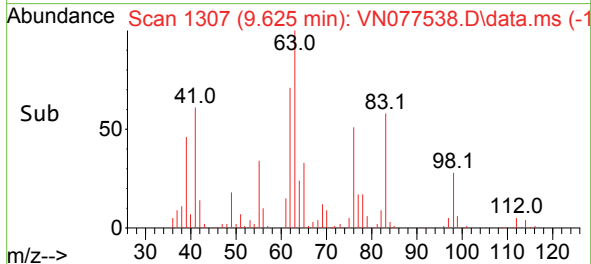
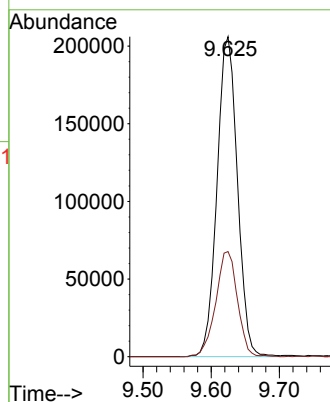
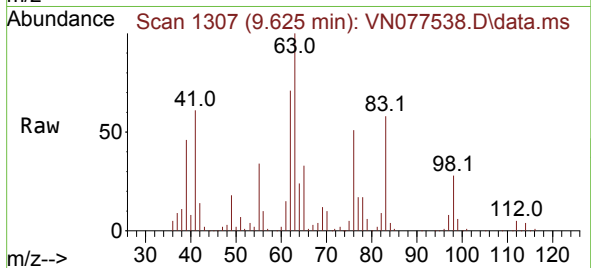
VSTDCCC050

Tgt Ion: 63 Resp: 429630

Ion Ratio Lower Upper

63 100

65 32.8 23.9 35.9



#46

Dibromomethane

Concen: 50.977 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

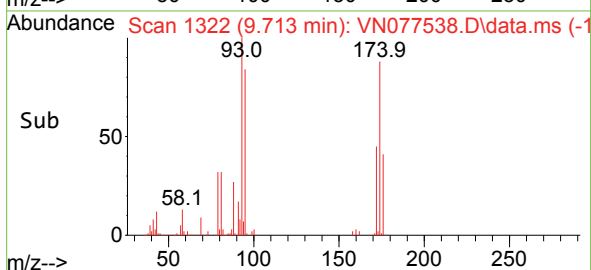
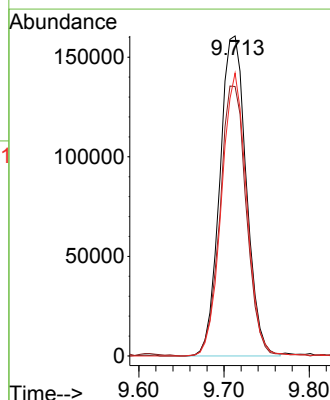
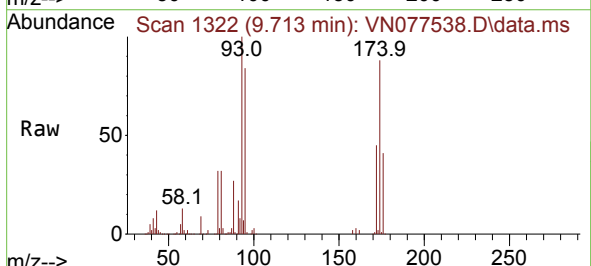
Tgt Ion: 93 Resp: 347642

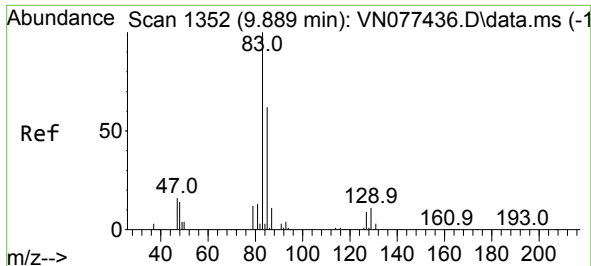
Ion Ratio Lower Upper

93 100

95 84.2 63.8 95.8

174 84.4 65.6 98.4

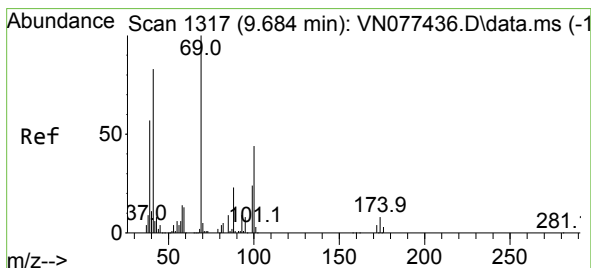
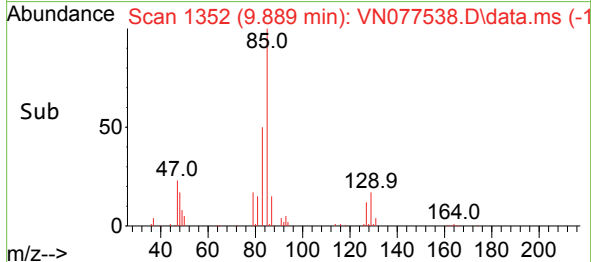
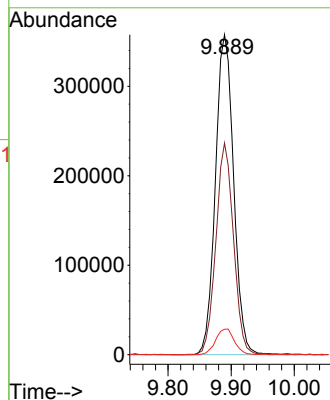
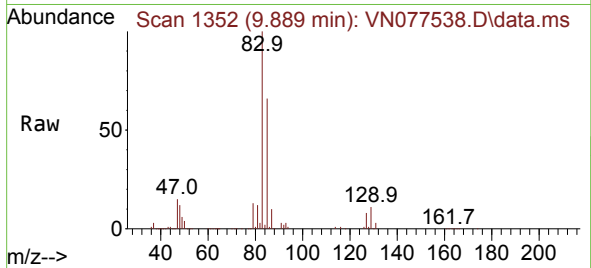




#47  
Bromodichloromethane  
Concen: 54.303 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

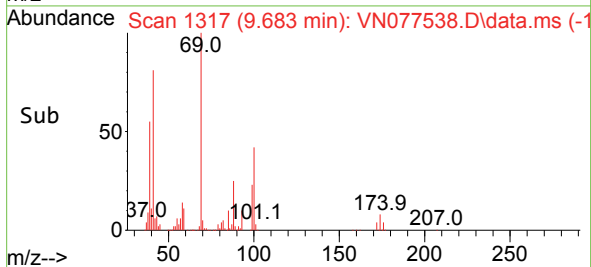
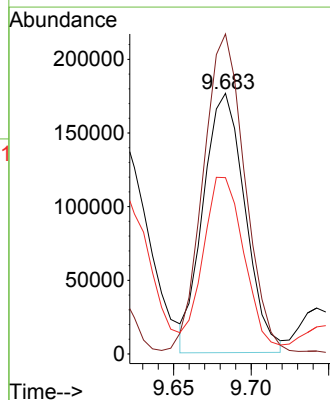
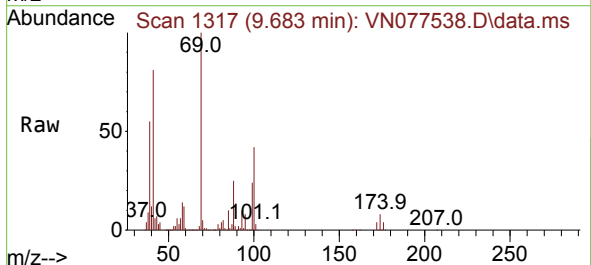
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

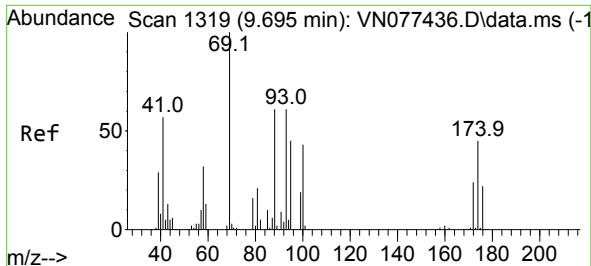
Tgt Ion: 83 Resp: 716323  
Ion Ratio Lower Upper  
83 100  
85 66.1 49.6 74.4  
127 7.9 7.0 10.6



#48  
Methyl methacrylate  
Concen: 46.913 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 41 Resp: 330628  
Ion Ratio Lower Upper  
41 100  
69 123.4 90.4 135.6  
39 67.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1046.394 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

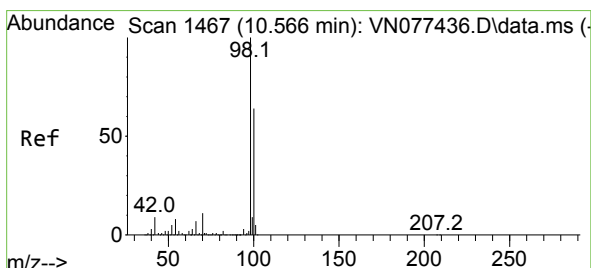
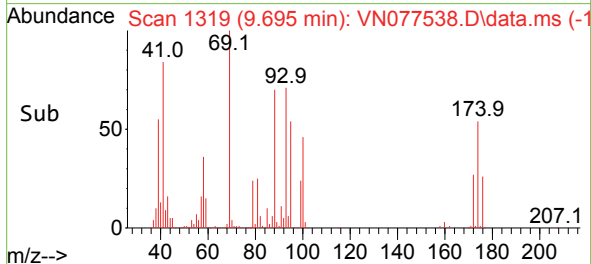
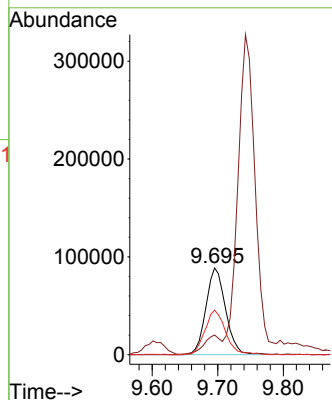
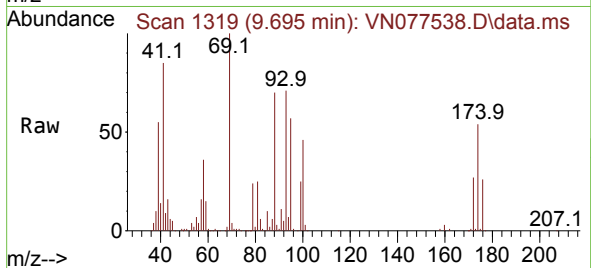
Tgt Ion: 88 Resp: 184981

Ion Ratio Lower Upper

88 100

43 19.1 17.0 25.6

58 54.1 47.0 70.4



#50

Toluene-d8

Concen: 54.440 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077538.D

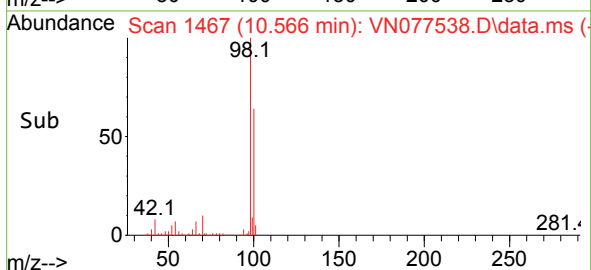
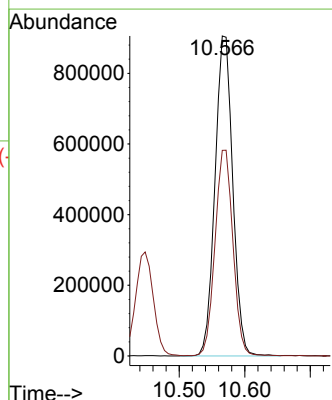
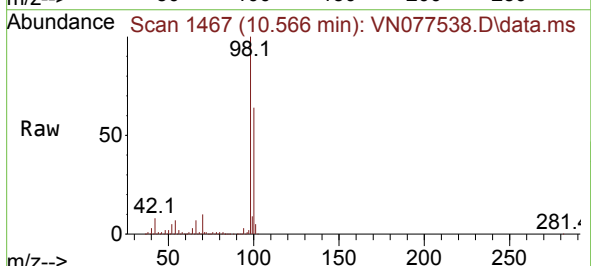
Acq: 01 May 2023 11:19

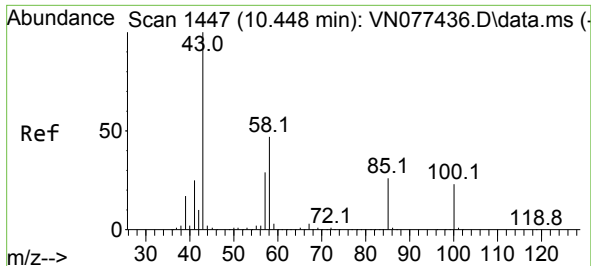
Tgt Ion: 98 Resp: 1700942

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

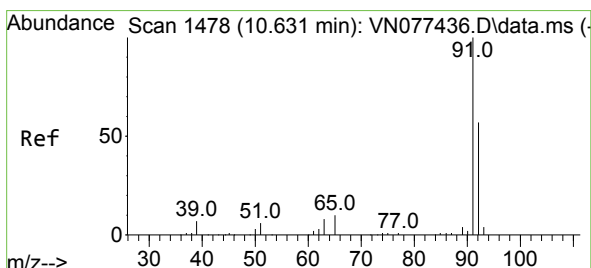
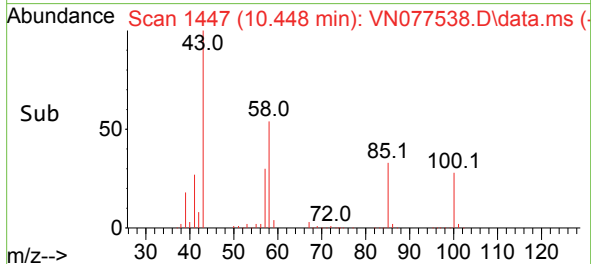
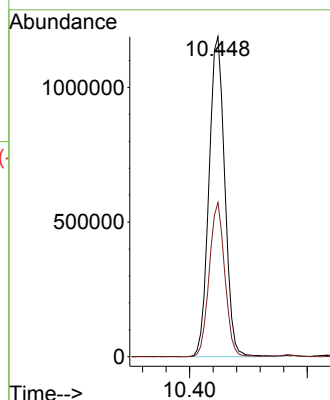
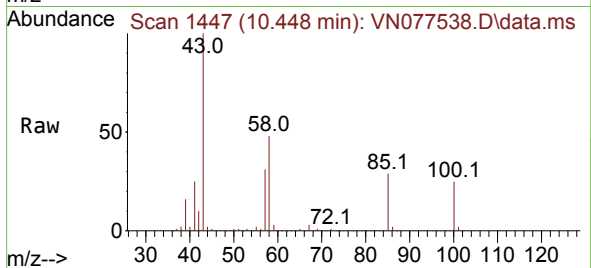




#51  
4-Methyl-2-Pentanone  
Concen: 243.674 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

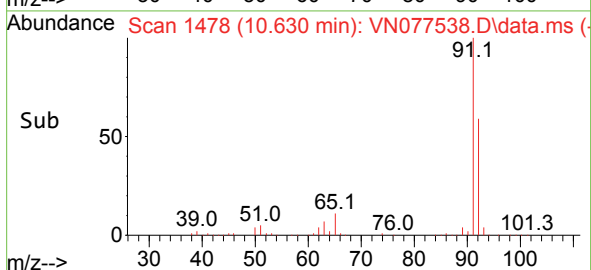
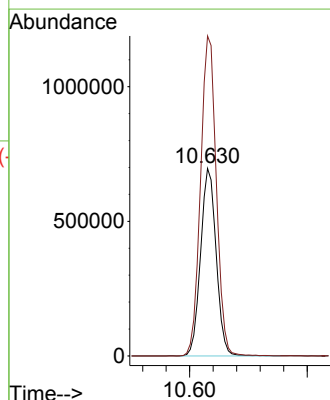
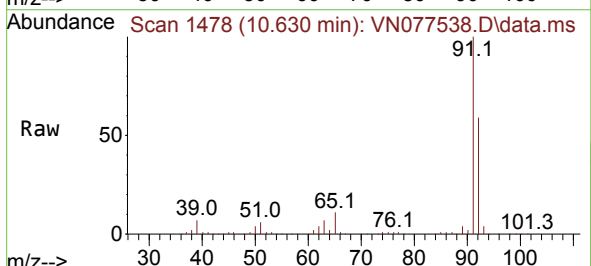
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

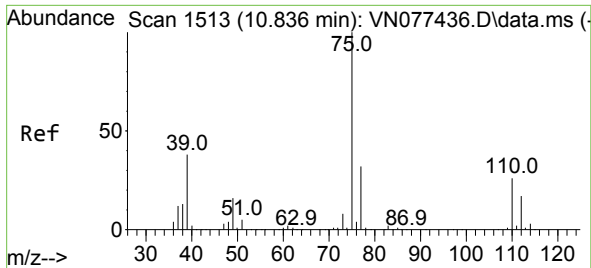
Tgt Ion: 43 Resp: 2212904  
Ion Ratio Lower Upper  
43 100  
58 47.3 36.6 54.8



#52  
Toluene  
Concen: 54.561 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 92 Resp: 1282449  
Ion Ratio Lower Upper  
92 100  
91 173.1 137.4 206.0

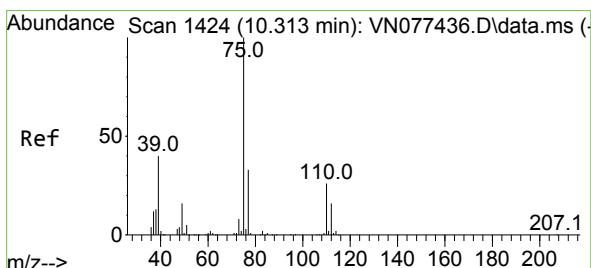
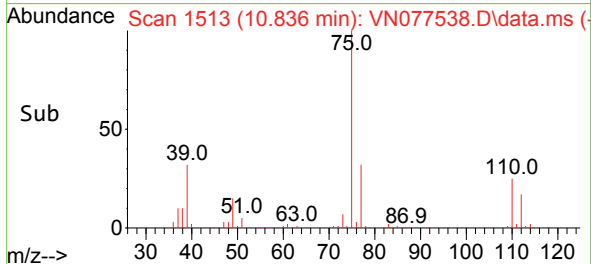
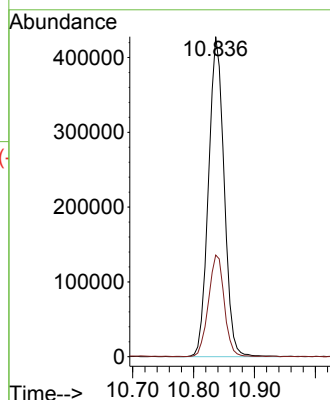
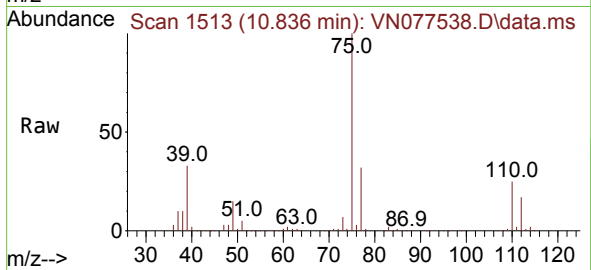




#53  
 t-1,3-Dichloropropene  
 Concen: 57.075 ug/l  
 RT: 10.836 min Scan# 1513  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

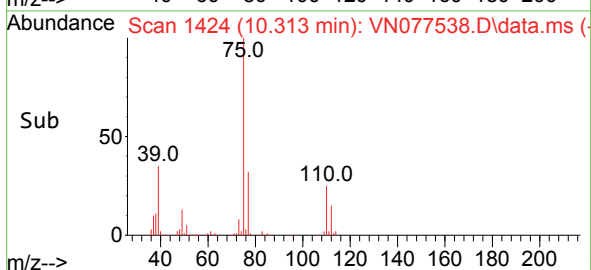
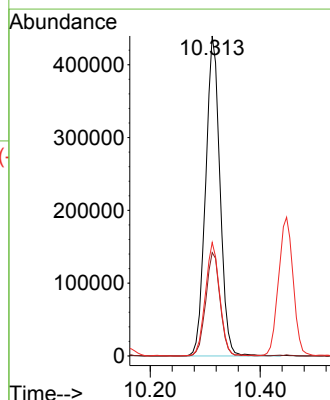
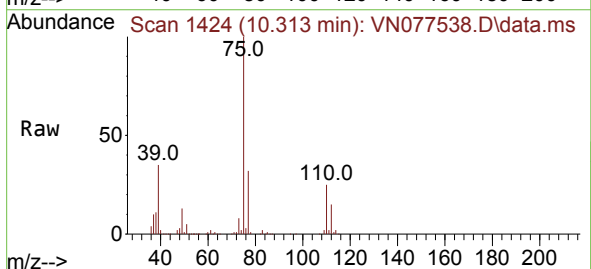
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

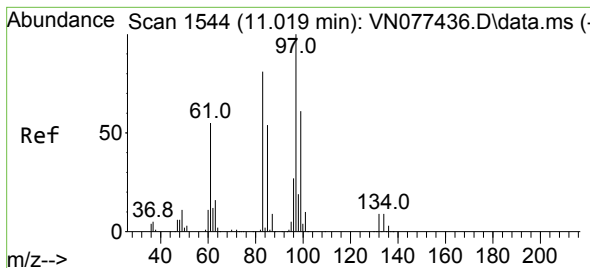
Tgt Ion: 75 Resp: 762369  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.793 ug/l  
 RT: 10.313 min Scan# 1424  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

Tgt Ion: 75 Resp: 796651  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 26.1 39.1  
 39 35.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 52.939 ug/l

RT: 11.019 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 500374

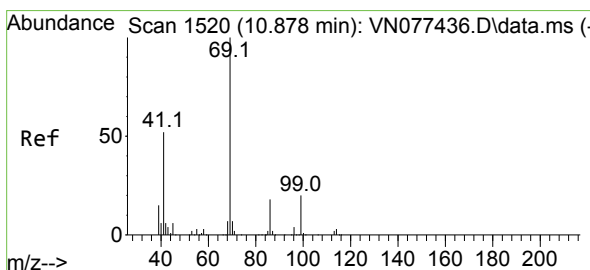
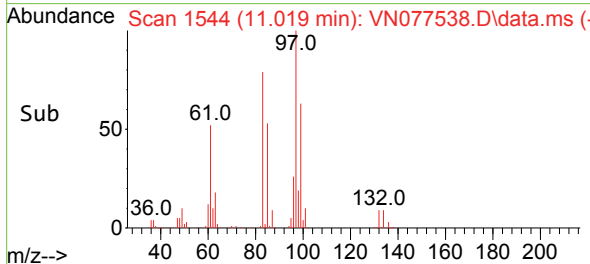
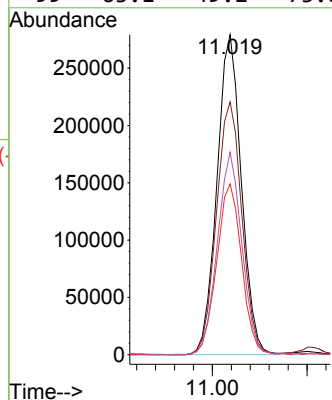
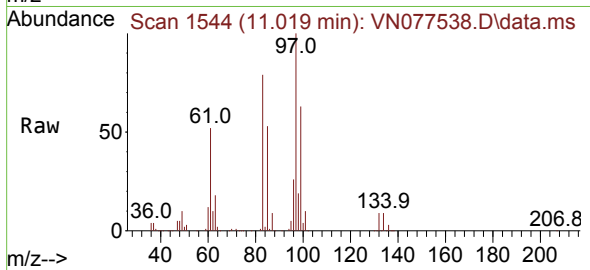
Ion Ratio Lower Upper

97 100

83 79.0 65.1 97.7

85 53.4 43.4 65.2

99 63.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 53.837 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

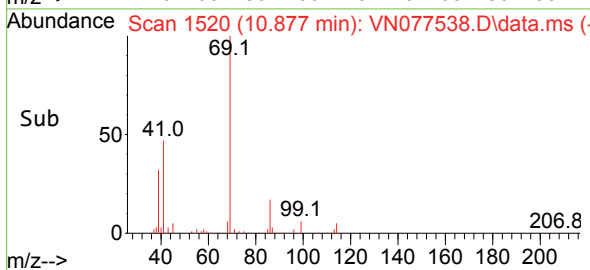
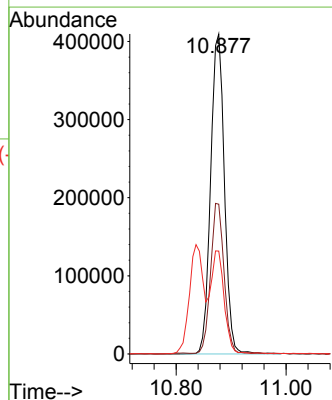
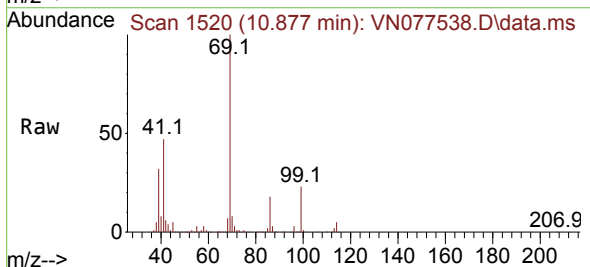
Tgt Ion: 69 Resp: 713032

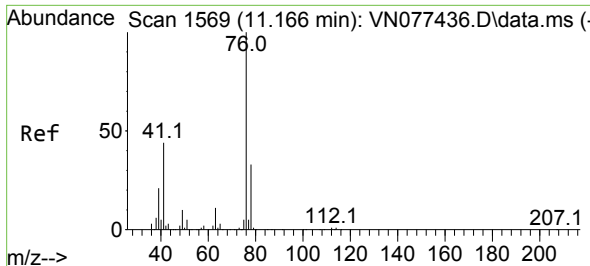
Ion Ratio Lower Upper

69 100

41 45.5 39.6 59.4

39 31.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.397 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

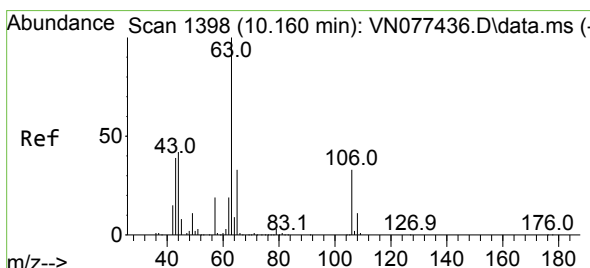
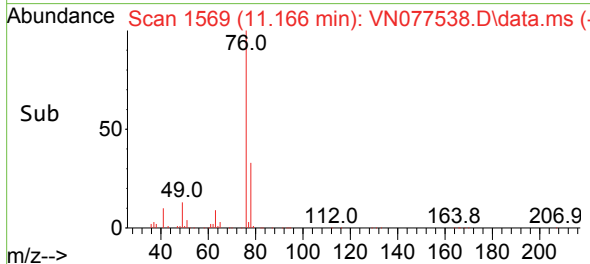
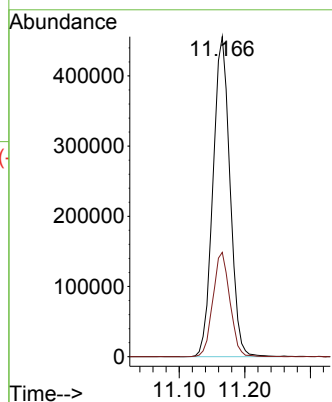
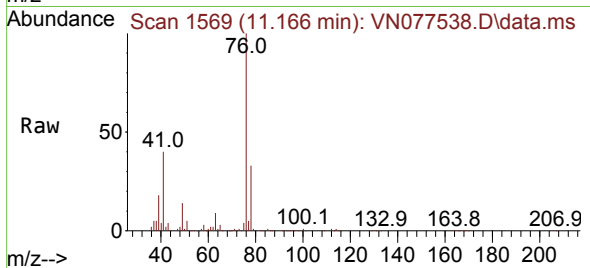
VSTDCCC050

Tgt Ion: 76 Resp: 818970

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 212.964 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077538.D

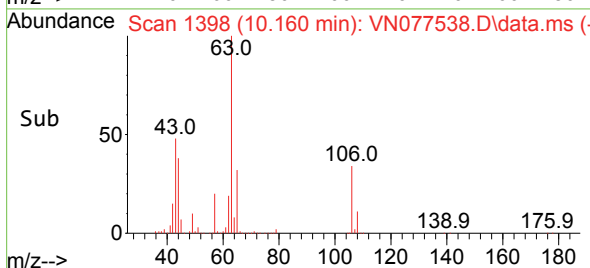
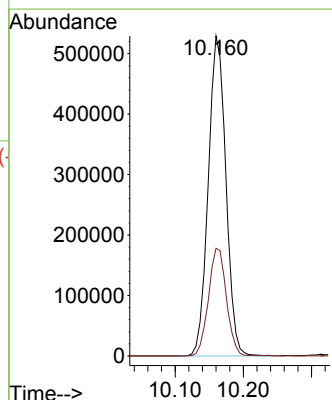
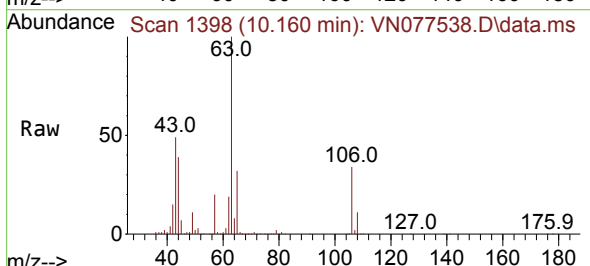
Acq: 01 May 2023 11:19

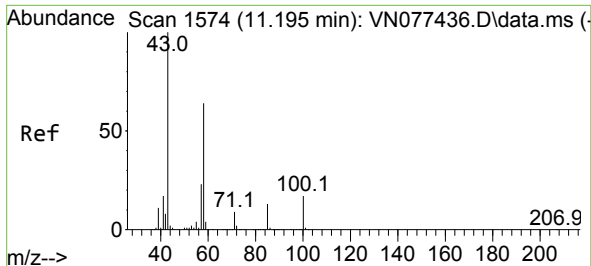
Tgt Ion: 63 Resp: 954004

Ion Ratio Lower Upper

63 100

106 34.3 26.2 39.4

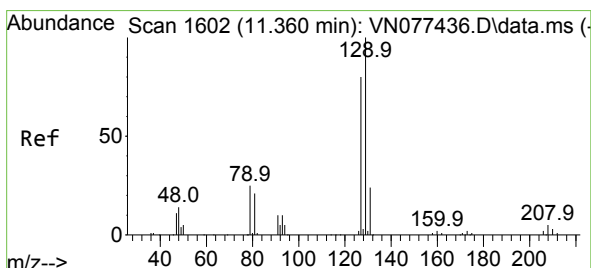
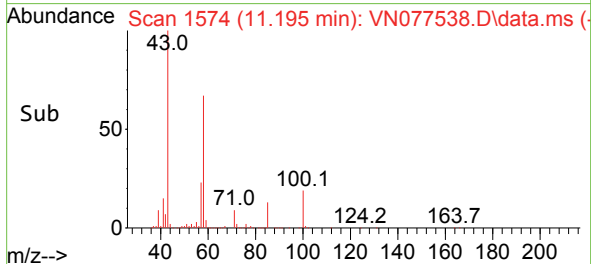
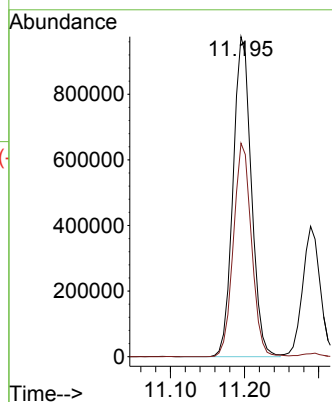
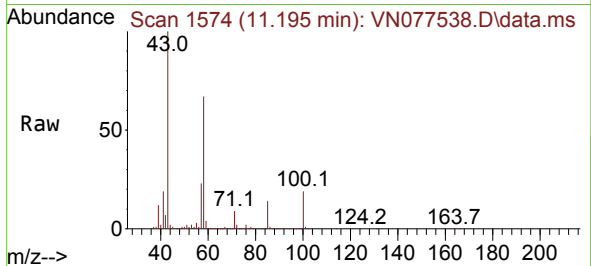




#59  
2-Hexanone  
Concen: 252.438 ug/l  
RT: 11.195 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

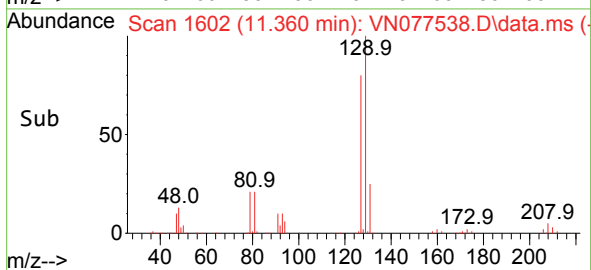
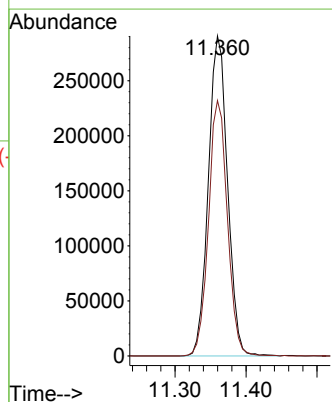
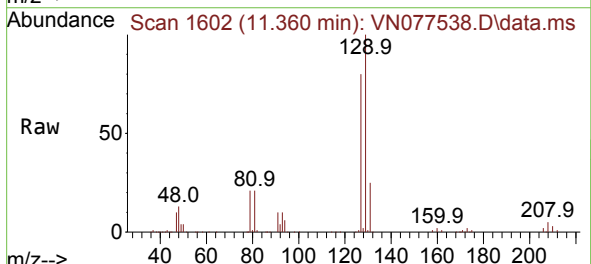
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

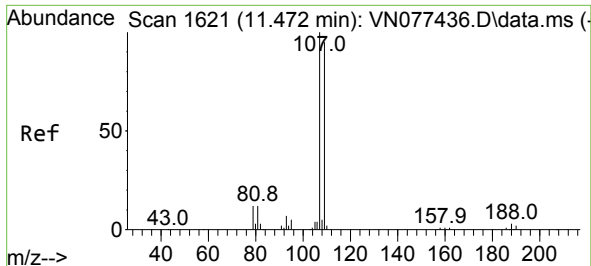
Tgt Ion: 43 Resp: 1666394  
Ion Ratio Lower Upper  
43 100  
58 66.2 31.7 95.1



#60  
Dibromochloromethane  
Concen: 55.606 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:129 Resp: 545458  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 116.0

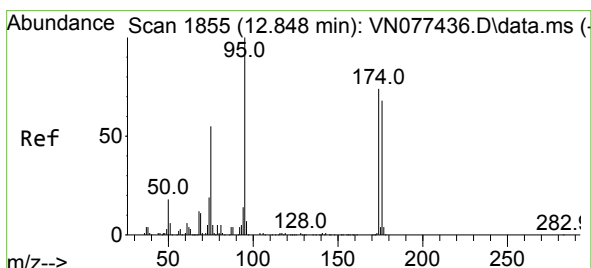
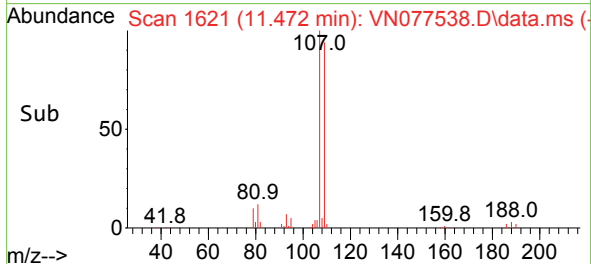
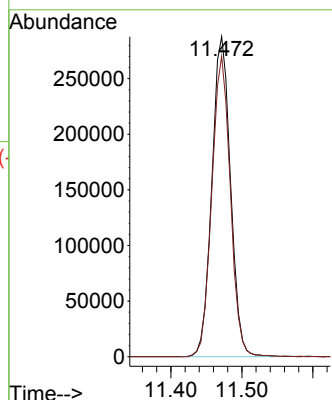
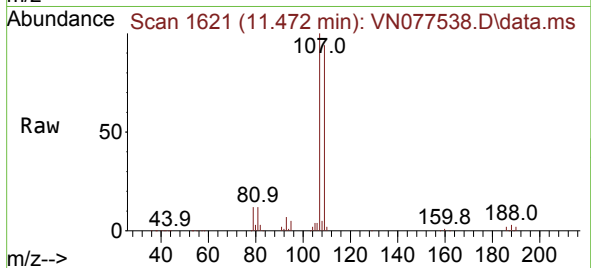




#61  
1,2-Dibromoethane  
Concen: 54.362 ug/l  
RT: 11.472 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

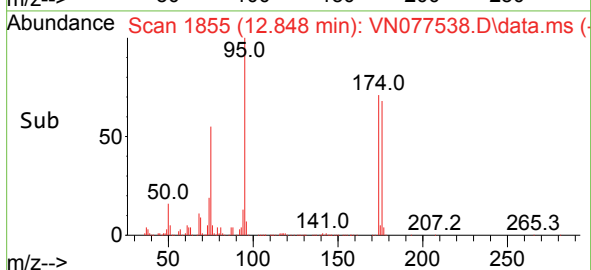
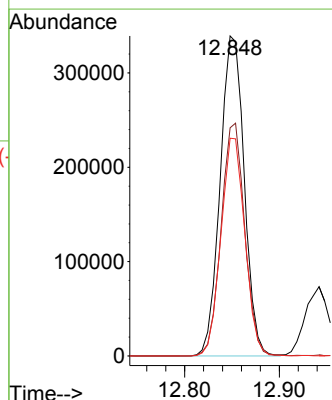
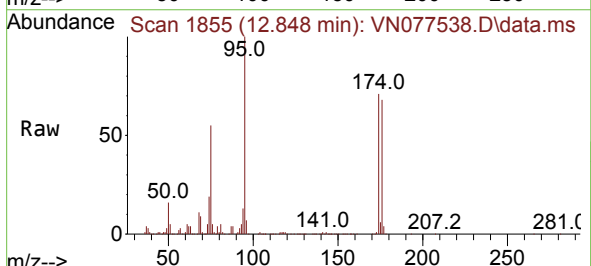
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

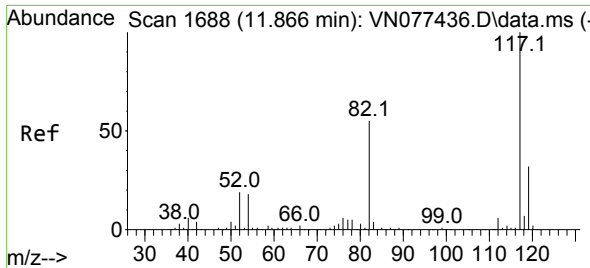
Tgt Ion:107 Resp: 524577  
Ion Ratio Lower Upper  
107 100  
109 93.1 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 58.697 ug/l  
RT: 12.848 min Scan# 1855  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 95 Resp: 600016  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 143.8  
176 67.6 0.0 135.8

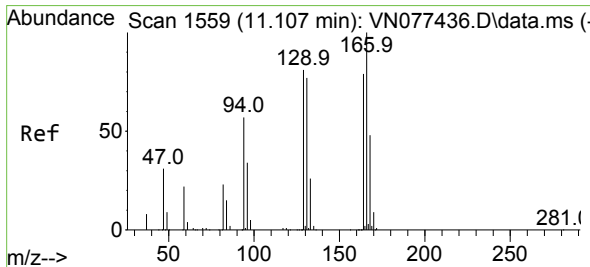
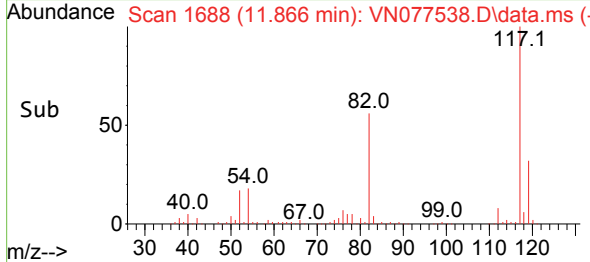
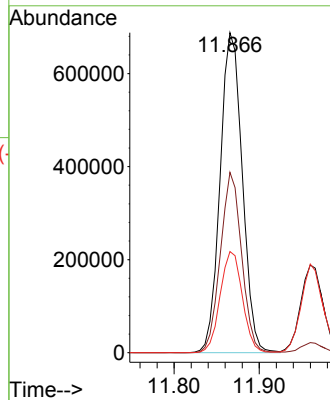
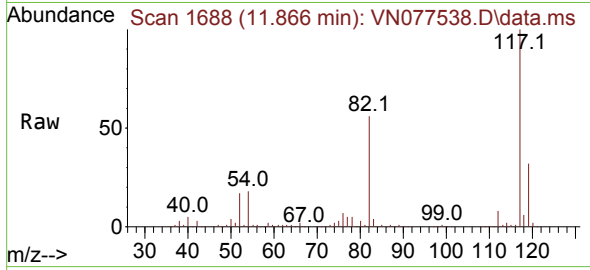




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

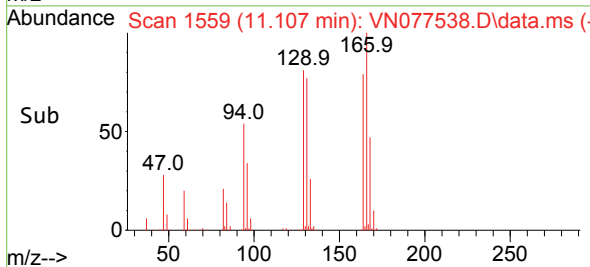
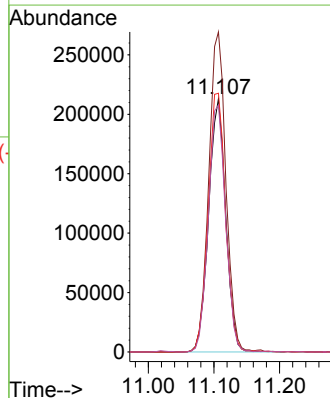
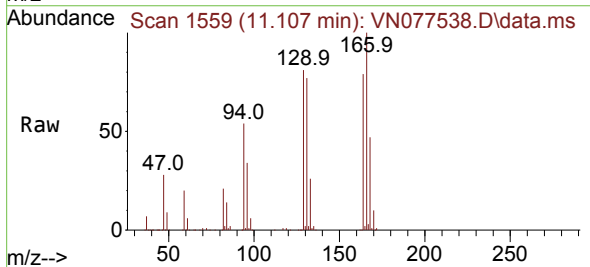
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

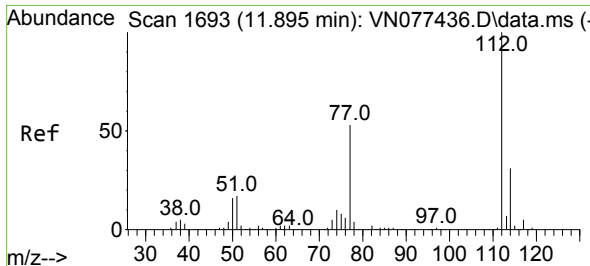
Tgt Ion:117 Resp: 1246678  
Ion Ratio Lower Upper  
117 100  
82 56.4 44.0 66.0  
119 31.6 25.6 38.4



#64  
Tetrachloroethene  
Concen: 51.679 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:164 Resp: 385665  
Ion Ratio Lower Upper  
164 100  
166 126.4 101.4 152.0  
129 102.2 82.4 123.6  
131 97.5 78.2 117.4

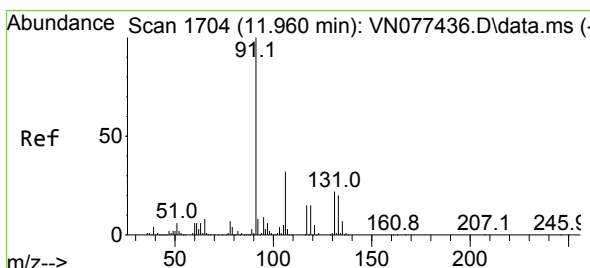
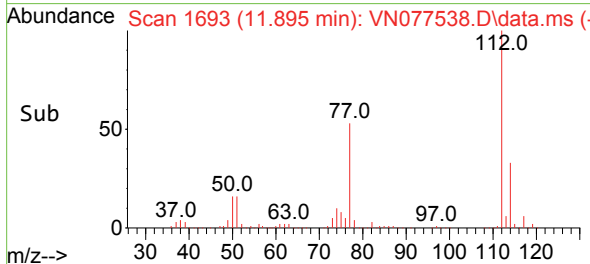
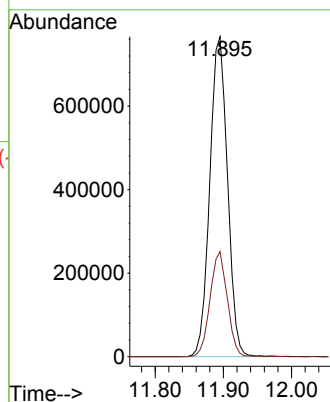
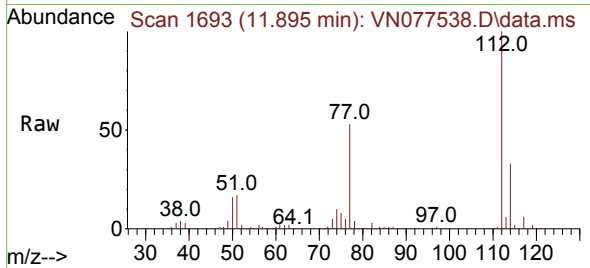




#65  
Chlorobenzene  
Concen: 52.538 ug/l  
RT: 11.895 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

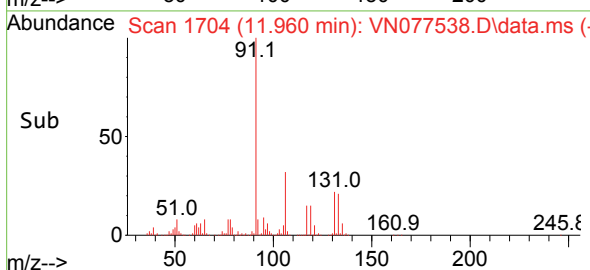
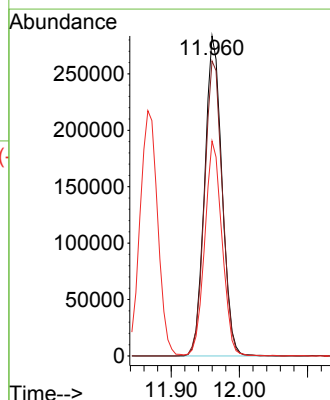
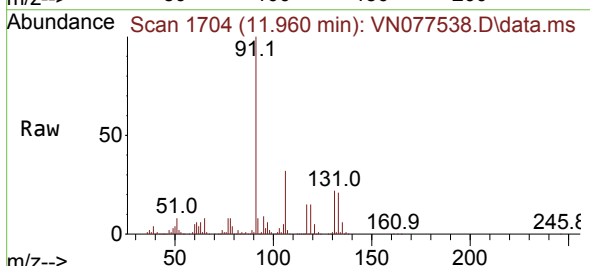
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

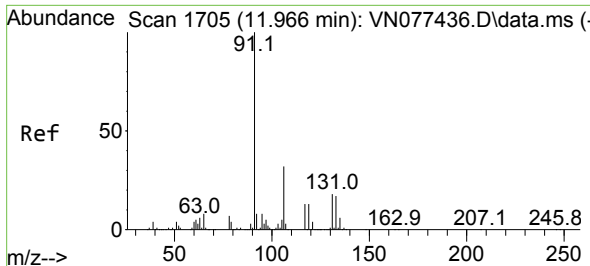
Tgt Ion:112 Resp: 1385995  
Ion Ratio Lower Upper  
112 100  
114 32.9 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.252 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:131 Resp: 501519  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.4 139.1  
119 66.9 34.1 102.2

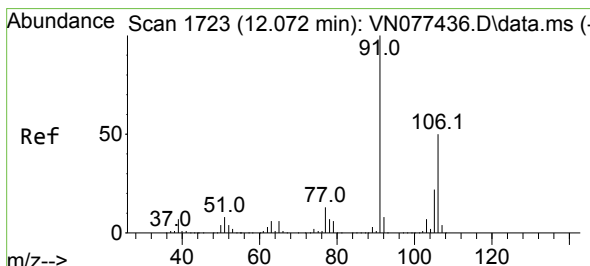
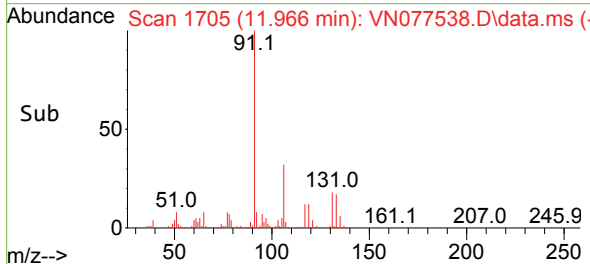
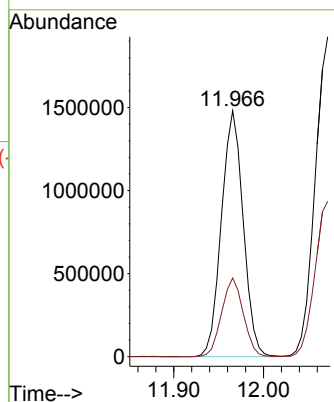
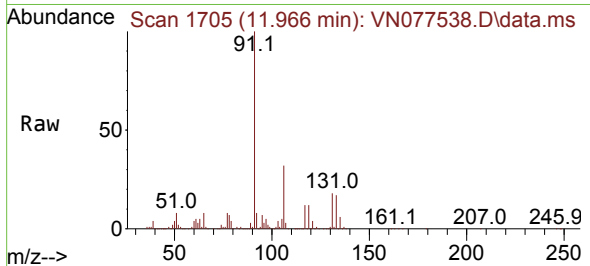




#67  
Ethyl Benzene  
Concen: 53.754 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

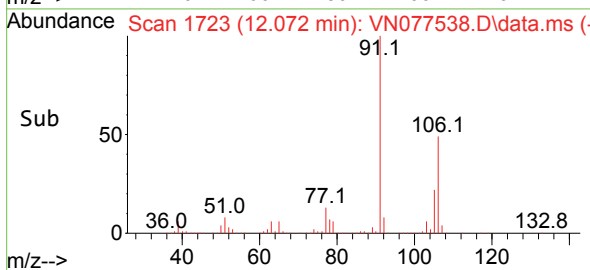
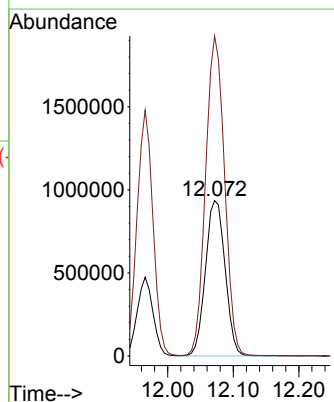
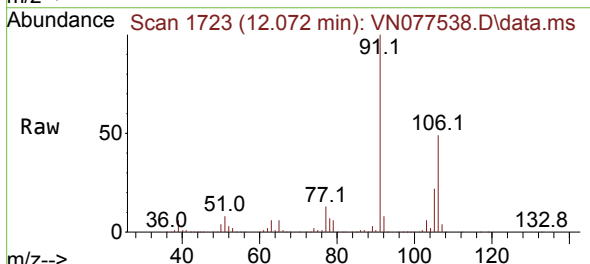
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

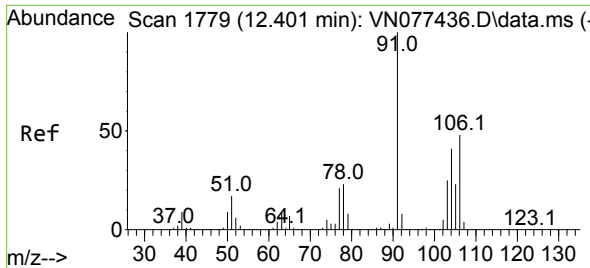
Tgt Ion: 91 Resp: 2496358  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.6 38.4



#68  
m/p-Xylenes  
Concen: 107.869 ug/l  
RT: 12.072 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:106 Resp: 1946943  
Ion Ratio Lower Upper  
106 100  
91 198.7 159.6 239.4

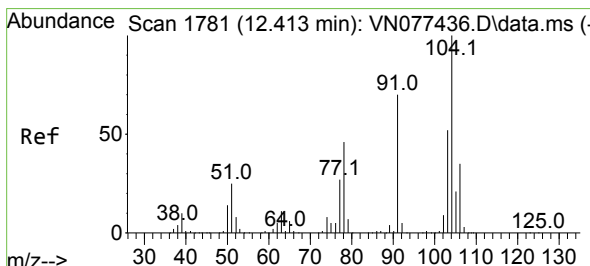
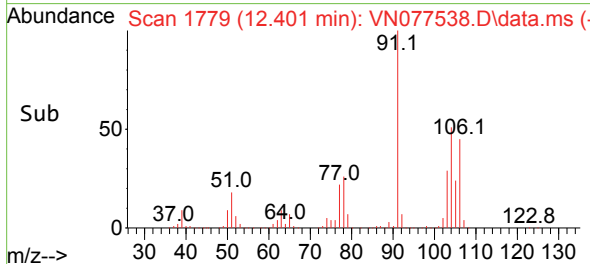
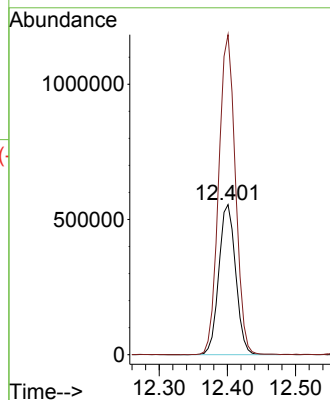
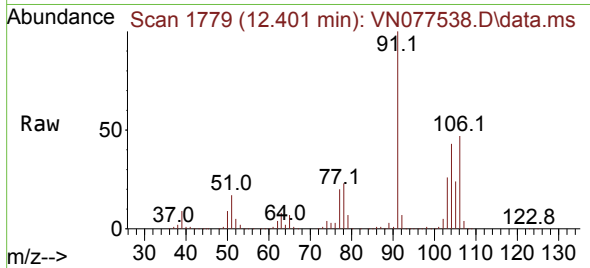




#69  
o-Xylene  
Concen: 53.774 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

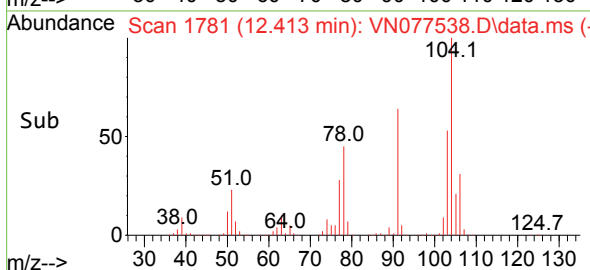
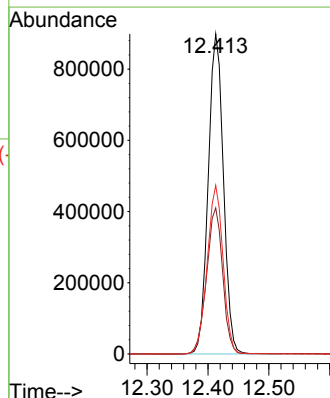
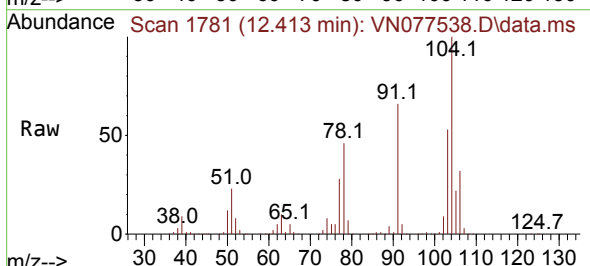
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

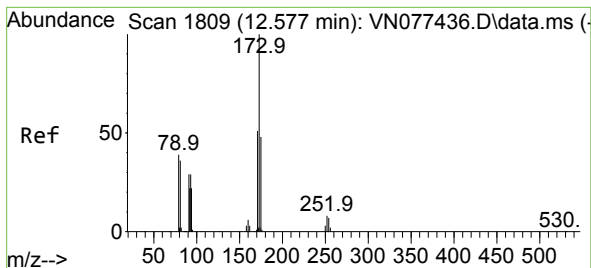
Tgt Ion:106 Resp: 954668  
Ion Ratio Lower Upper  
106 100  
91 211.8 105.2 315.5



#70  
Styrene  
Concen: 56.159 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:104 Resp: 1559200  
Ion Ratio Lower Upper  
104 100  
78 48.3 39.5 59.3  
103 55.0 43.2 64.8





#71

Bromoform

Concen: 55.633 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

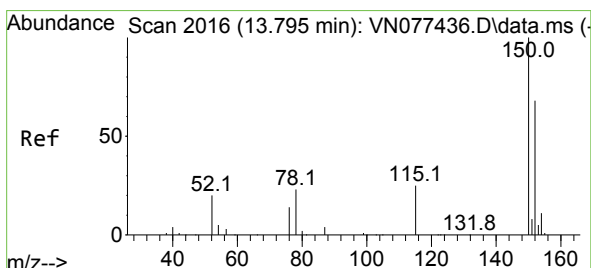
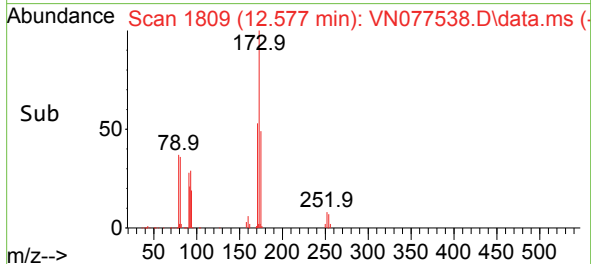
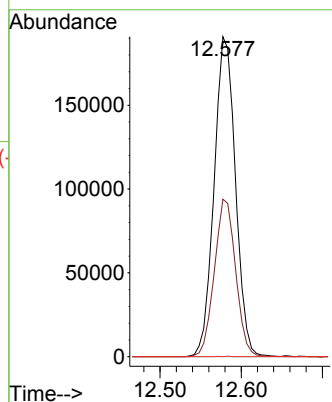
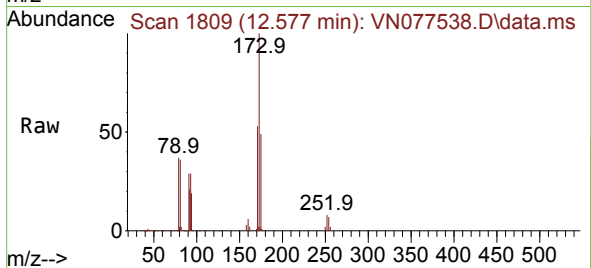
Tgt Ion:173 Resp: 349341

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

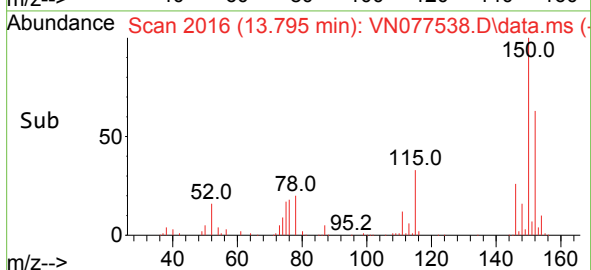
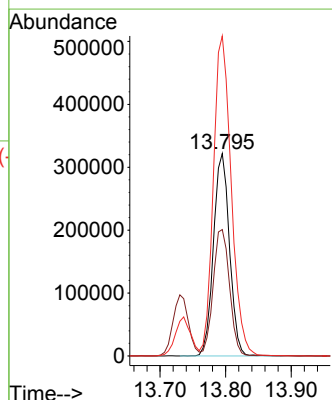
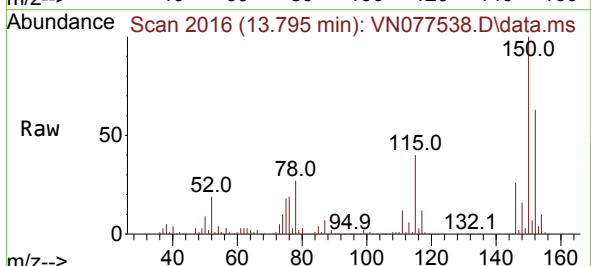
Tgt Ion:152 Resp: 546553

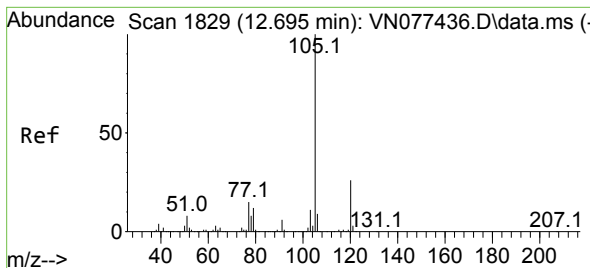
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 176.1 0.0 355.8





#73

Isopropylbenzene

Concen: 50.434 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

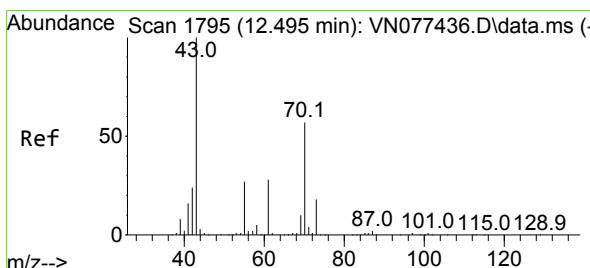
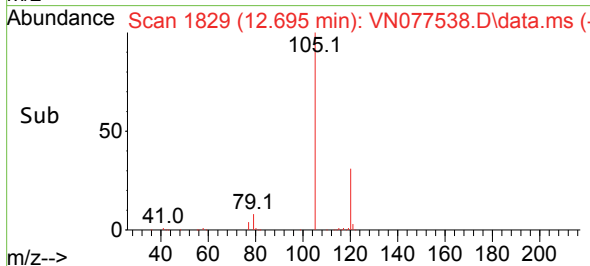
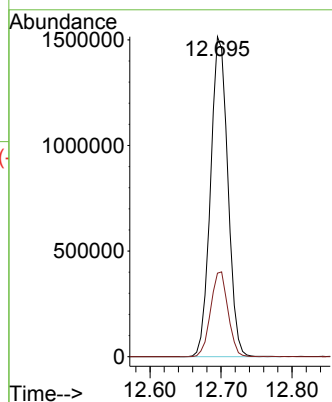
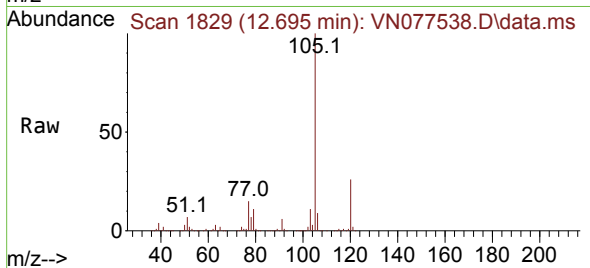
VSTDCCC050

Tgt Ion:105 Resp: 2557886

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 44.267 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Tgt Ion: 43 Resp: 664687

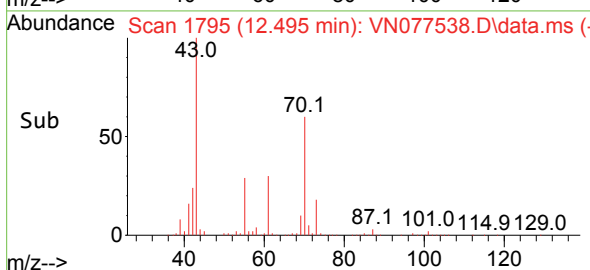
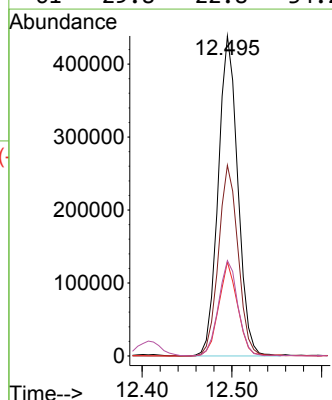
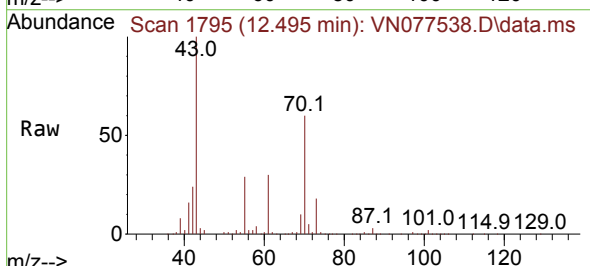
Ion Ratio Lower Upper

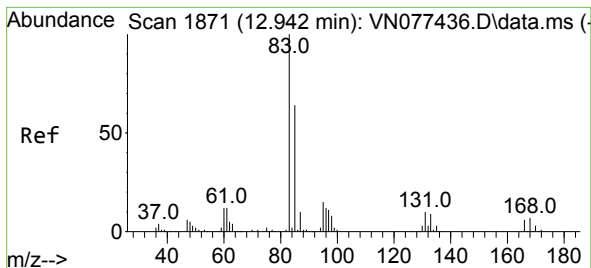
43 100

70 59.6 43.4 65.2

55 28.1 21.4 32.0

61 29.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.175 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

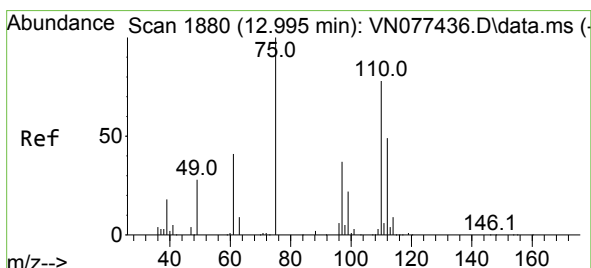
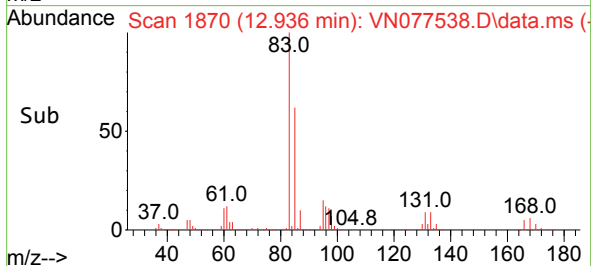
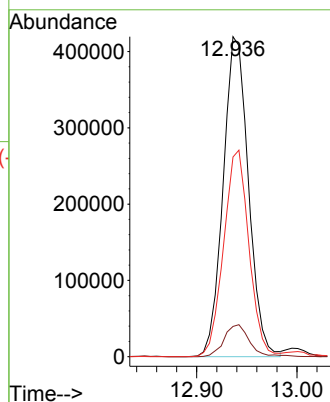
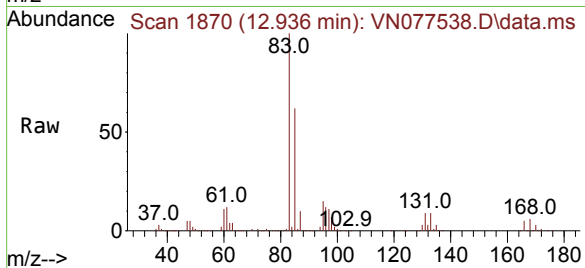
Tgt Ion: 83 Resp: 735839

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 69.907 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077538.D

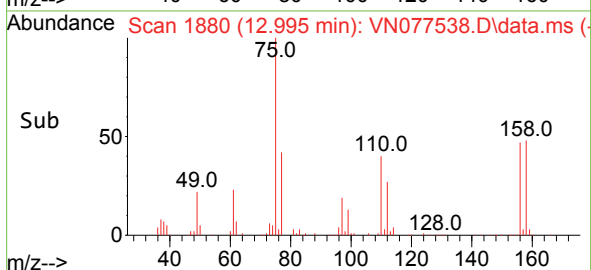
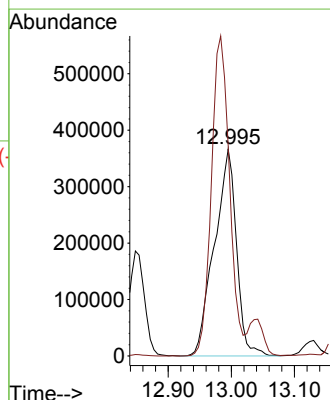
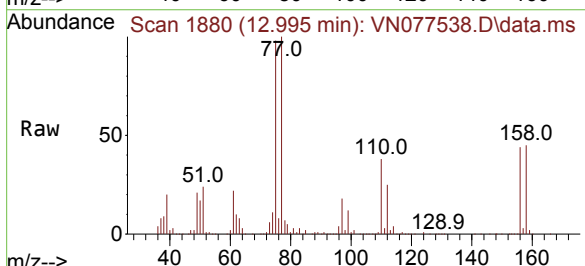
Acq: 01 May 2023 11:19

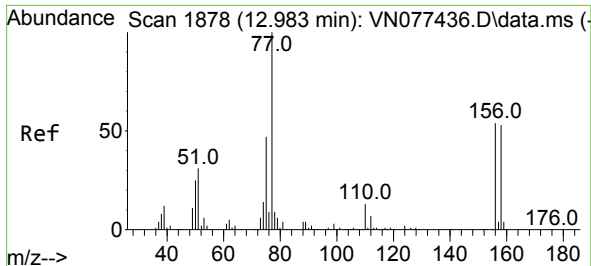
Tgt Ion: 75 Resp: 888486

Ion Ratio Lower Upper

75 100

77 127.4 84.5 253.5

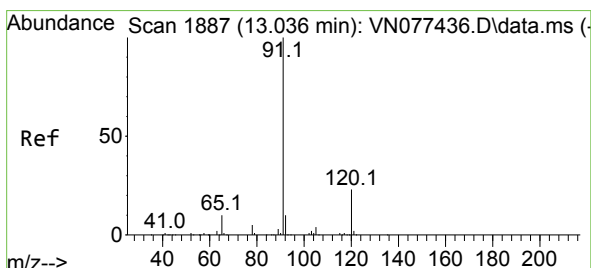
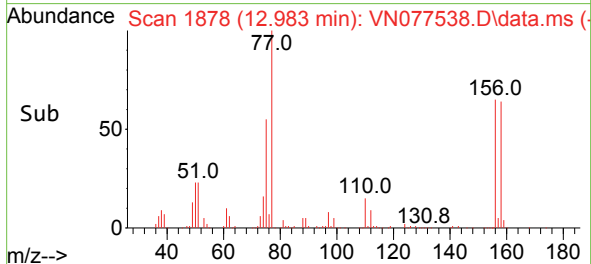
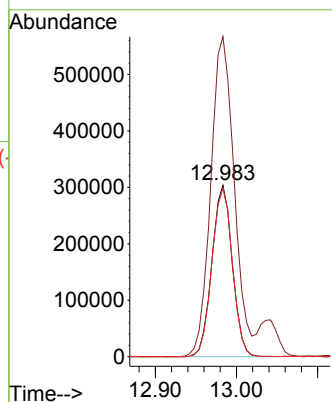
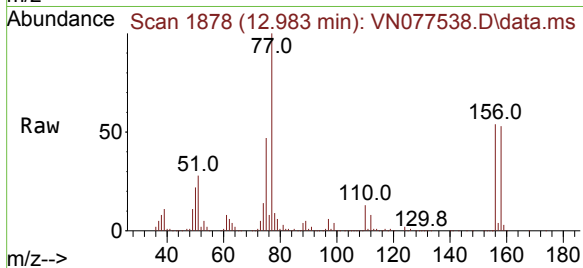




#77  
Bromobenzene  
Concen: 47.815 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

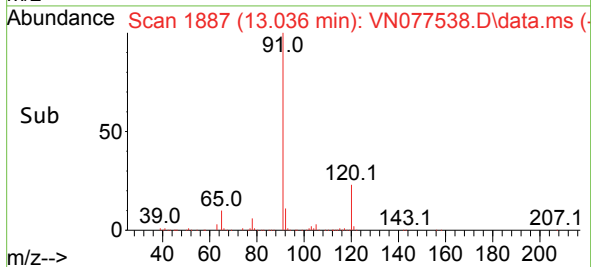
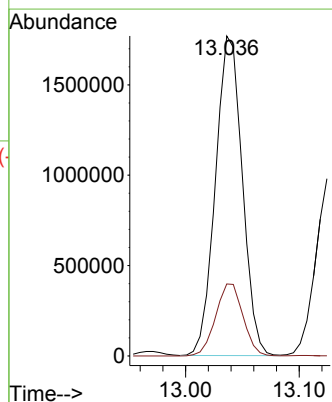
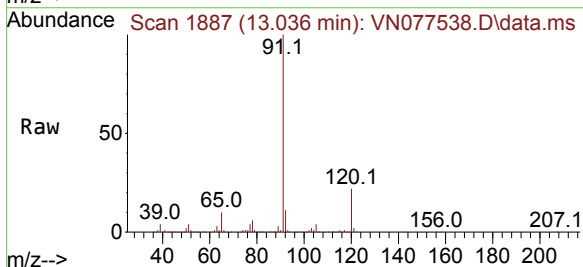
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

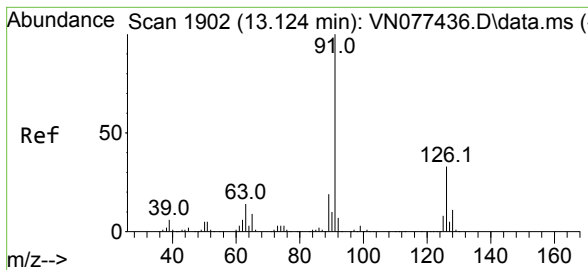
Tgt Ion:156 Resp: 528527  
Ion Ratio Lower Upper  
156 100  
77 214.2 107.7 323.3  
158 99.0 48.4 145.3



#78  
n-propylbenzene  
Concen: 51.857 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 91 Resp: 2908077  
Ion Ratio Lower Upper  
91 100  
120 23.0 11.5 34.4

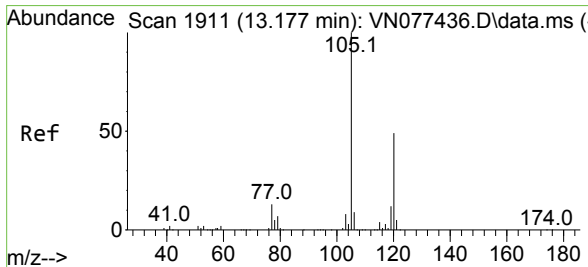
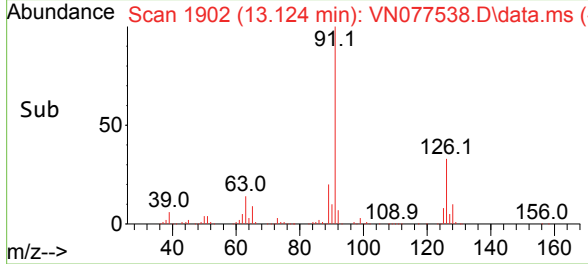
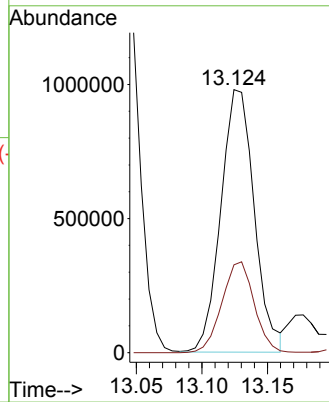
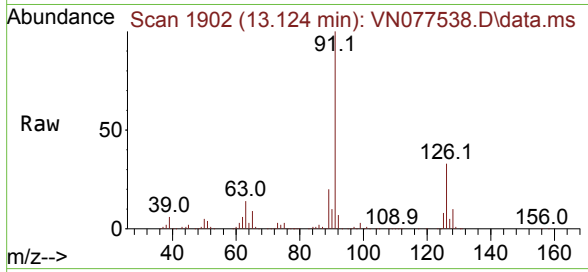




#79  
2-Chlorotoluene  
Concen: 50.286 ug/l  
RT: 13.124 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

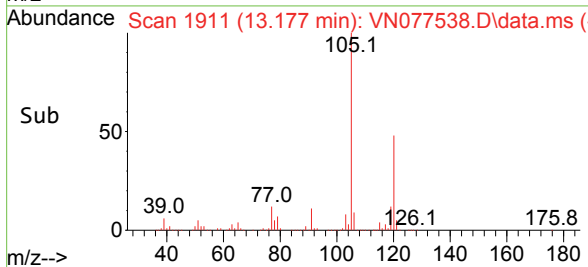
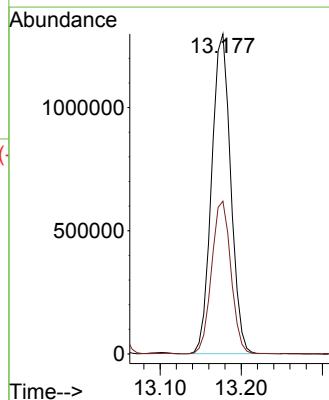
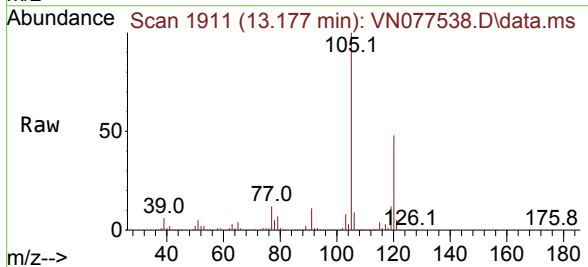
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

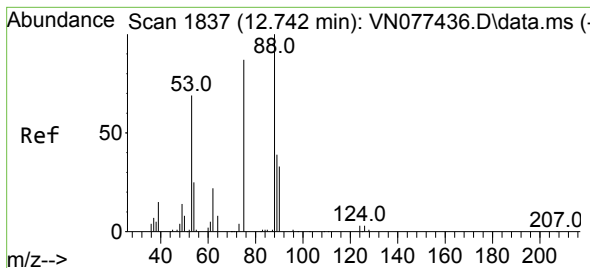
Tgt Ion: 91 Resp: 1738652  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 56.208 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:105 Resp: 2117033  
Ion Ratio Lower Upper  
105 100  
120 48.4 24.1 72.3

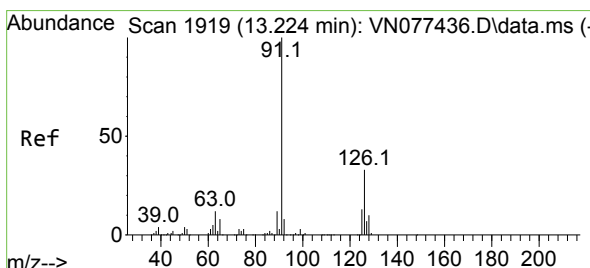
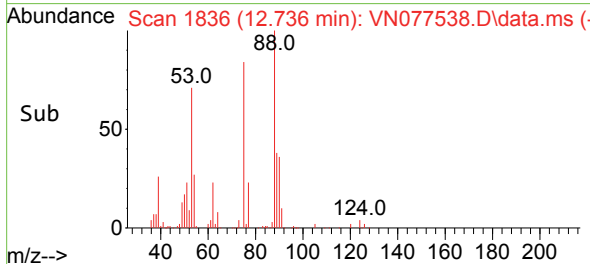
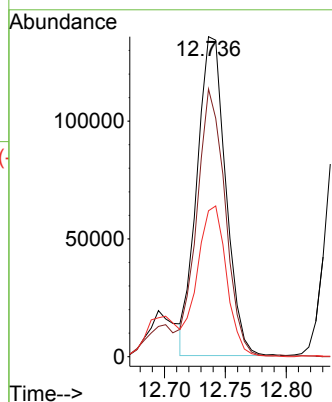
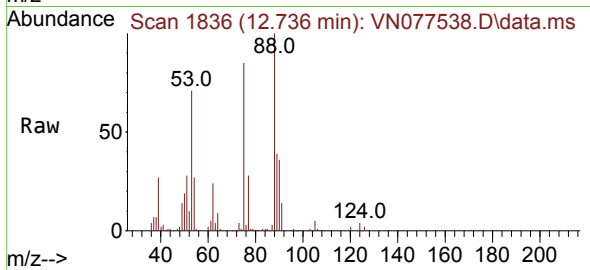




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.426 ug/l  
RT: 12.736 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

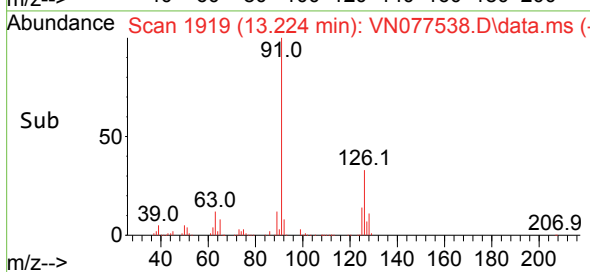
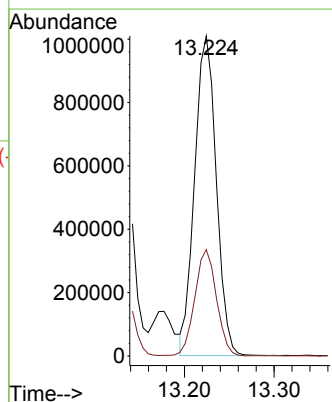
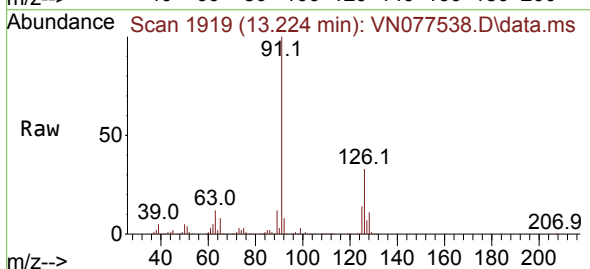
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

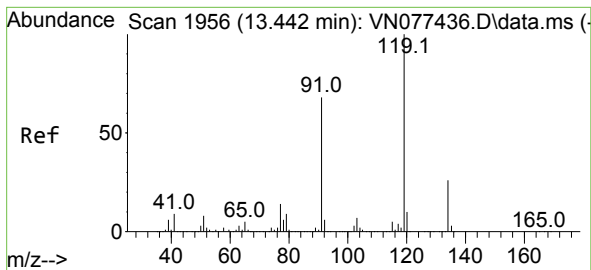
Tgt Ion: 75 Resp: 222352  
Ion Ratio Lower Upper  
75 100  
53 93.4 67.4 101.2  
89 48.4 38.8 58.2



#82  
4-Chlorotoluene  
Concen: 52.267 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 91 Resp: 1688674  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.7 50.0

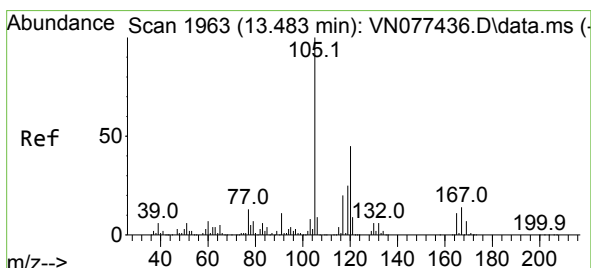
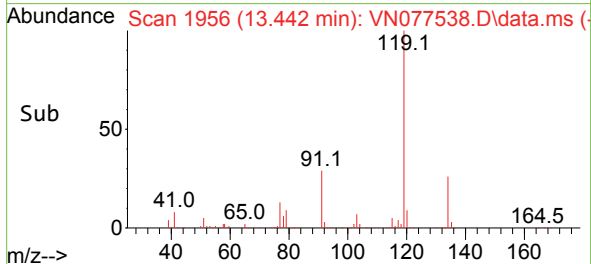
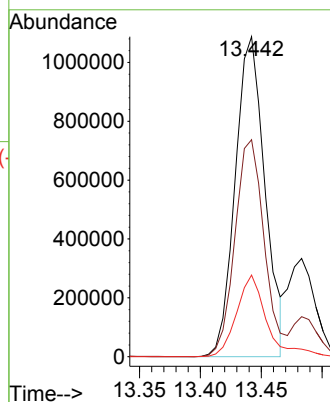
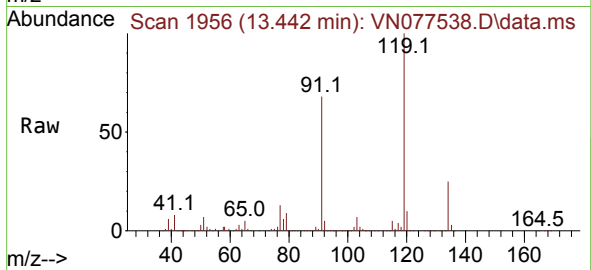




#83  
tert-Butylbenzene  
Concen: 50.468 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

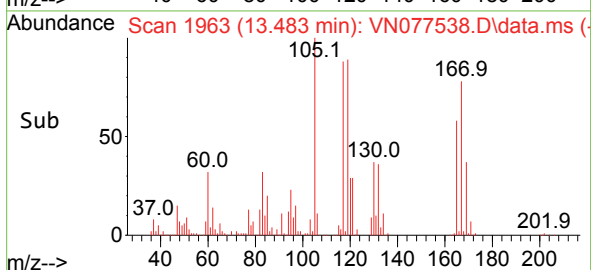
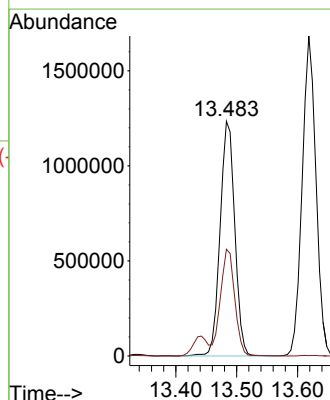
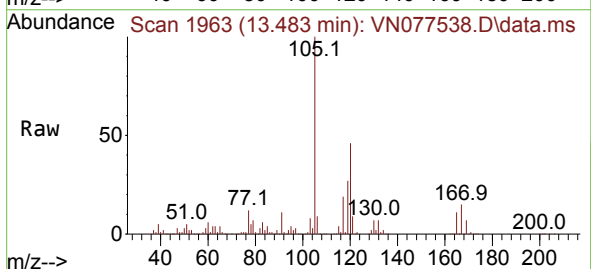
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

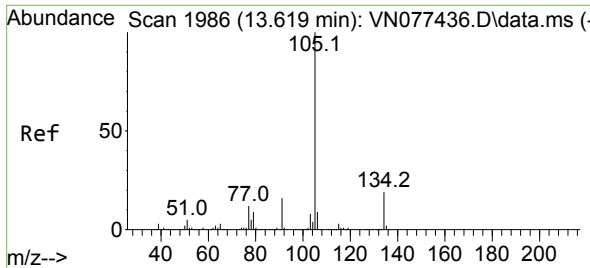
Tgt Ion:119 Resp: 1845971  
Ion Ratio Lower Upper  
119 100  
91 67.6 33.9 101.7  
134 26.0 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 58.648 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion:105 Resp: 2062971  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.0 66.0

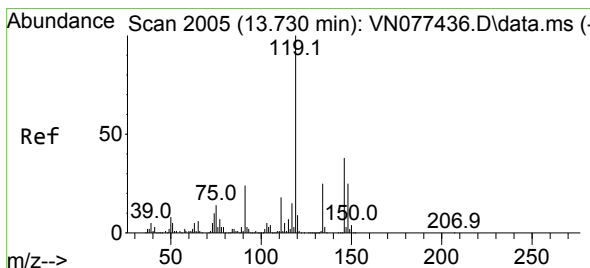
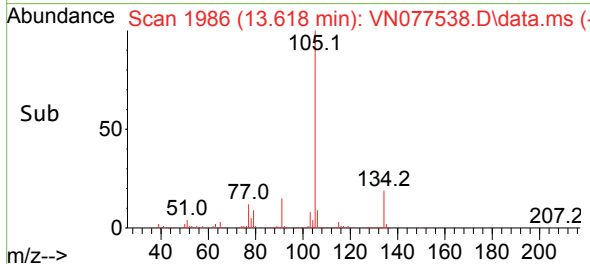
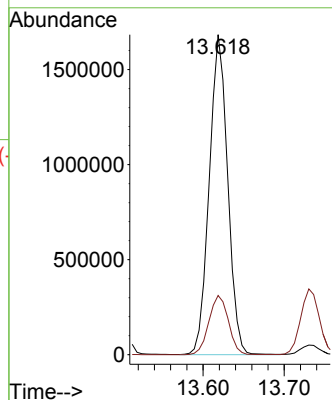
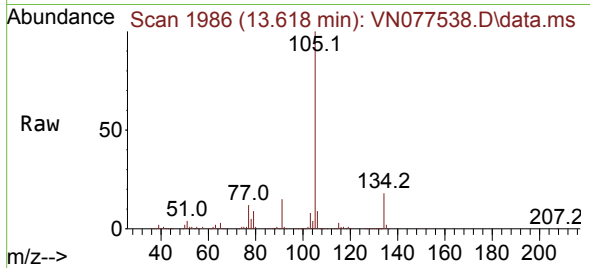




#85  
 sec-Butylbenzene  
 Concen: 52.770 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

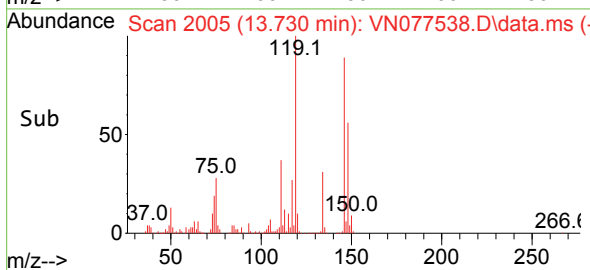
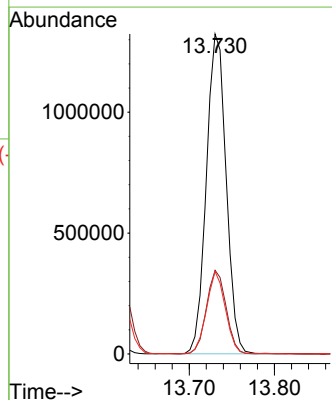
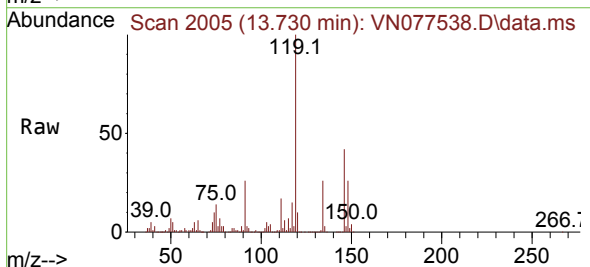
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 ClientSampleId :  
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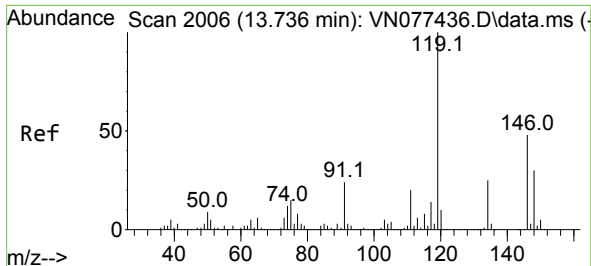
Tgt Ion:105 Resp: 2649340  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 55.178 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

Tgt Ion:119 Resp: 2131435  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.6 37.8  
 91 24.4 12.4 37.2

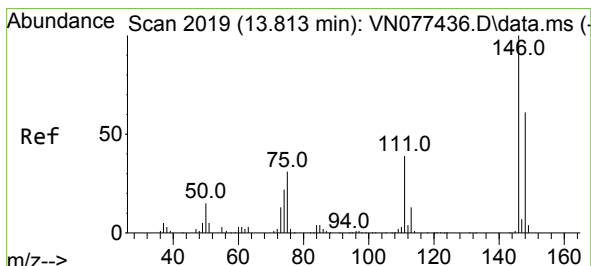
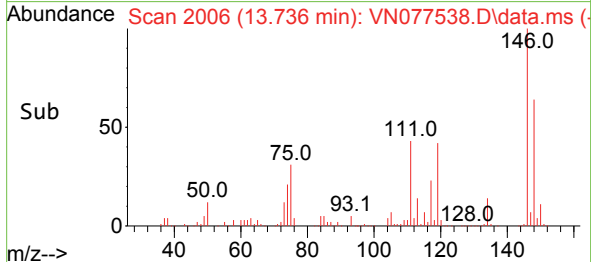
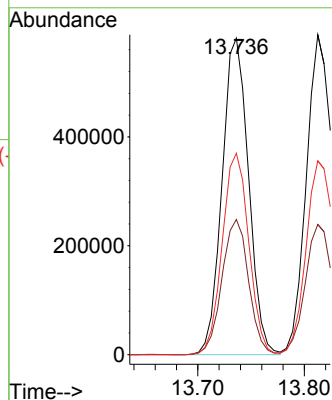
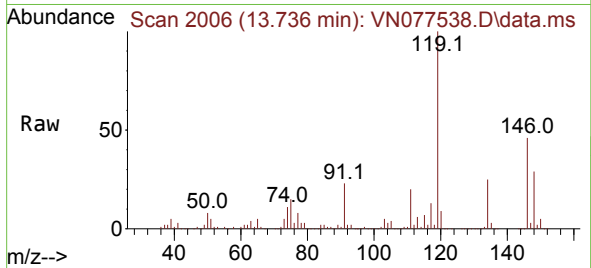




#87  
 1,3-Dichlorobenzene  
 Concen: 51.109 ug/l  
 RT: 13.736 min Scan# 2006  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

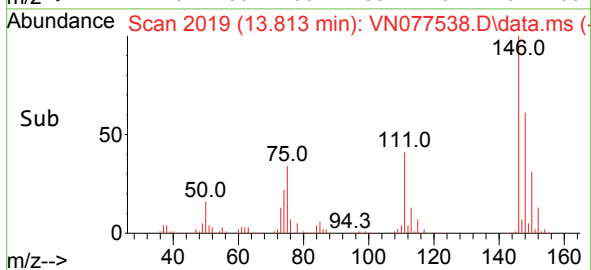
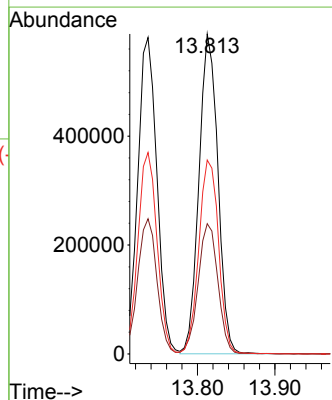
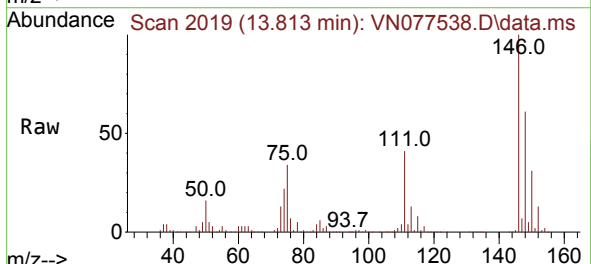
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

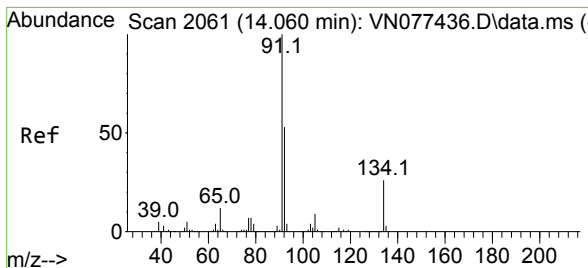
Tgt Ion:146 Resp: 1004698  
 Ion Ratio Lower Upper  
 146 100  
 111 43.0 22.1 66.3  
 148 63.8 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 51.333 ug/l  
 RT: 13.813 min Scan# 2019  
 Delta R.T. -0.000 min  
 Lab File: VN077538.D  
 Acq: 01 May 2023 11:19

Tgt Ion:146 Resp: 996359  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 20.6 61.8  
 148 63.0 31.6 94.8





#89

n-Butylbenzene

Concen: 60.793 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

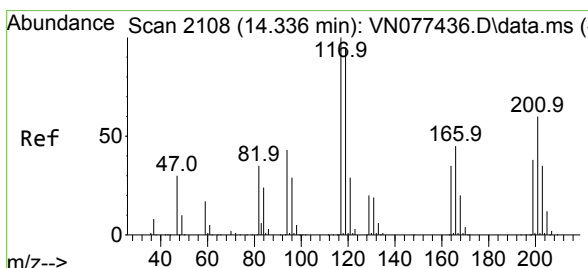
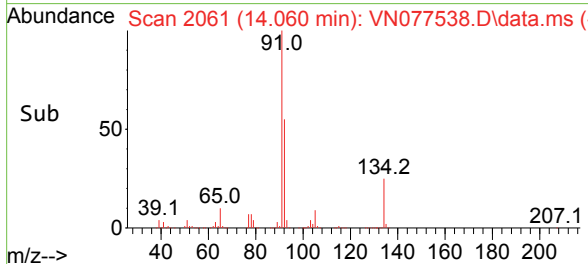
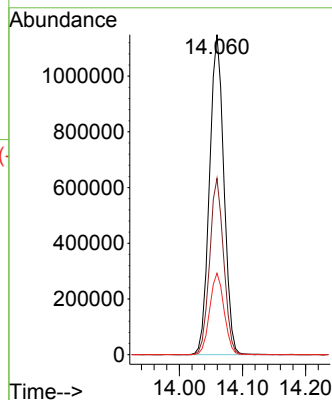
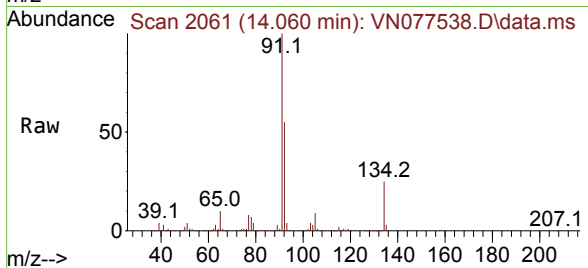
MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1817347

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.9  | 26.4  | 79.0  |
| 134 | 25.5  | 12.6  | 37.6  |



#90

Hexachloroethane

Concen: 48.319 ug/l

RT: 14.336 min Scan# 2108

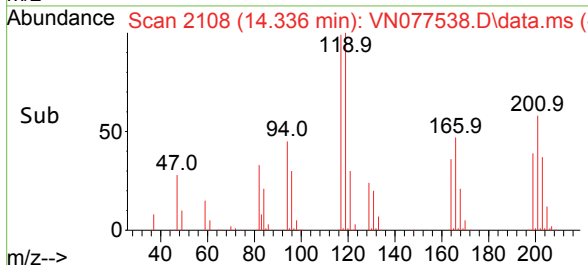
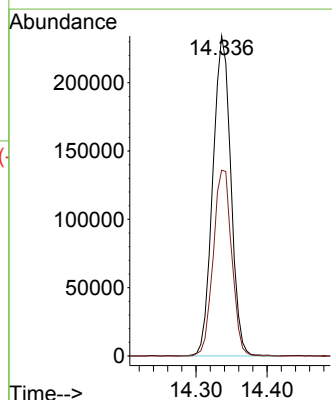
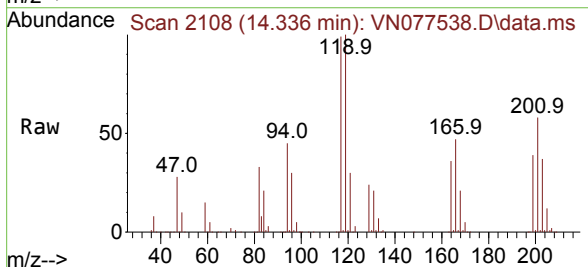
Delta R.T. -0.000 min

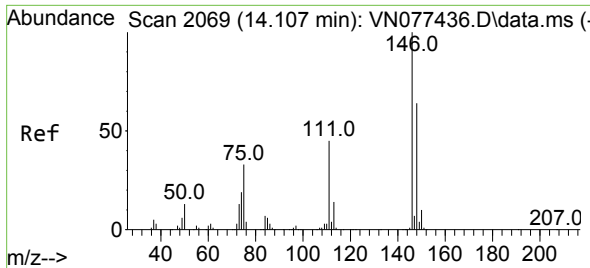
Lab File: VN077538.D

Acq: 01 May 2023 11:19

Tgt Ion: 117 Resp: 412355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 59.4  | 29.3  | 88.0  |

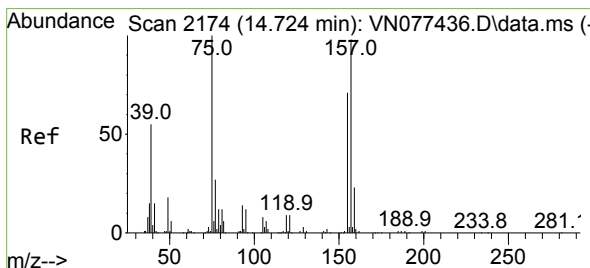
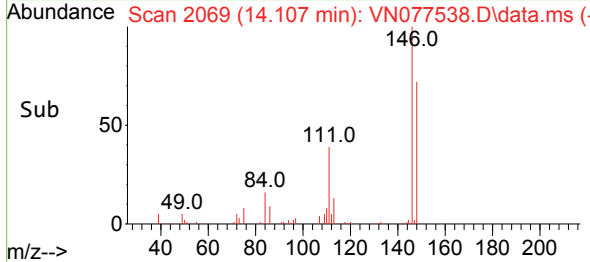
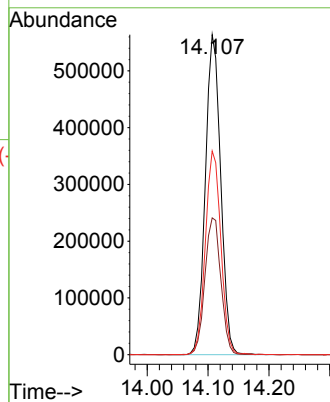
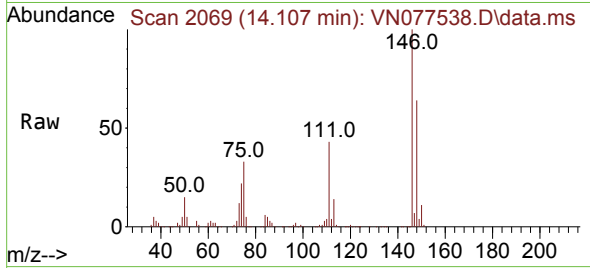




#91  
1,2-Dichlorobenzene  
Concen: 50.572 ug/l  
RT: 14.107 min Scan# 2069  
Delta R.T. -0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

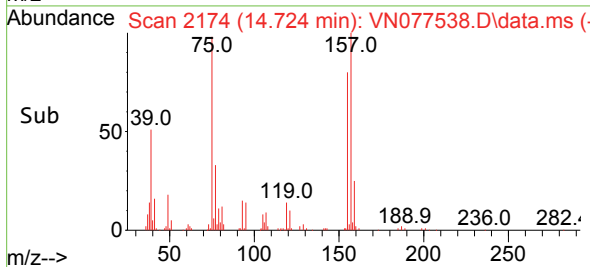
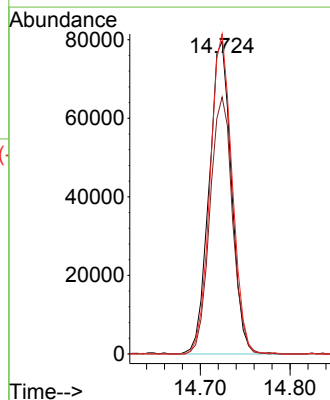
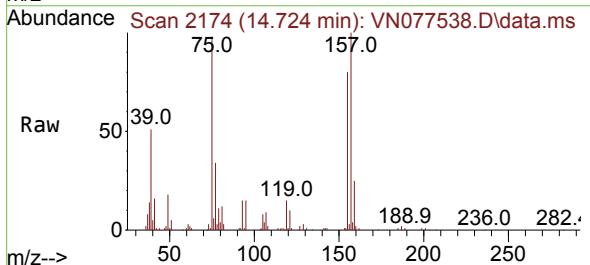
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

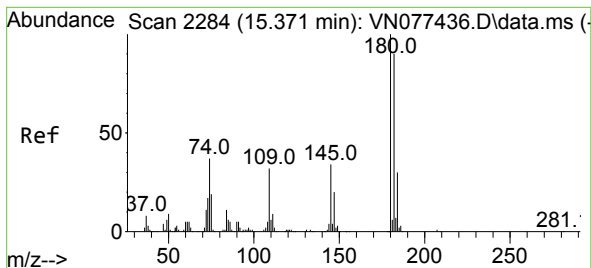
Tgt Ion:146 Resp: 986004  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.0 66.0  
148 64.2 31.8 95.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.602 ug/l  
RT: 14.724 min Scan# 2174  
Delta R.T. 0.000 min  
Lab File: VN077538.D  
Acq: 01 May 2023 11:19

Tgt Ion: 75 Resp: 137330  
Ion Ratio Lower Upper  
75 100  
155 83.1 39.1 117.2  
157 100.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 54.791 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

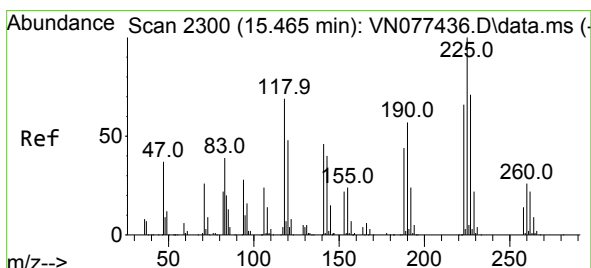
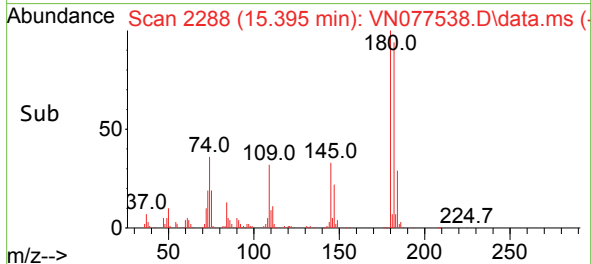
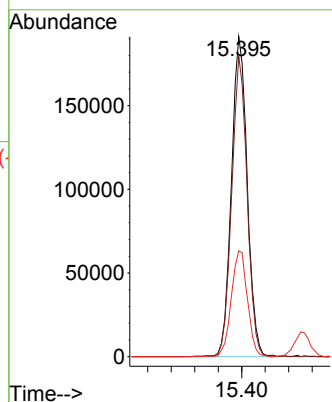
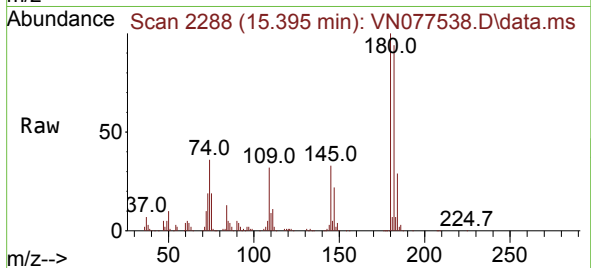
Tgt Ion:180 Resp: 356474

Ion Ratio Lower Upper

180 100

182 91.5 46.1 138.2

145 33.7 16.6 49.8



#94

Hexachlorobutadiene

Concen: 56.355 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. 0.036 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

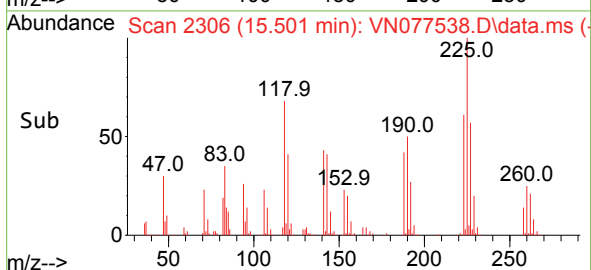
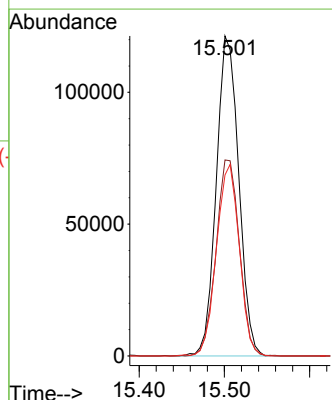
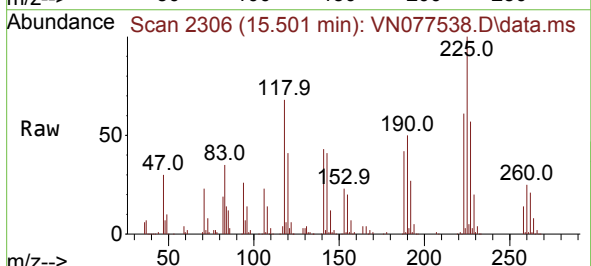
Tgt Ion:225 Resp: 222034

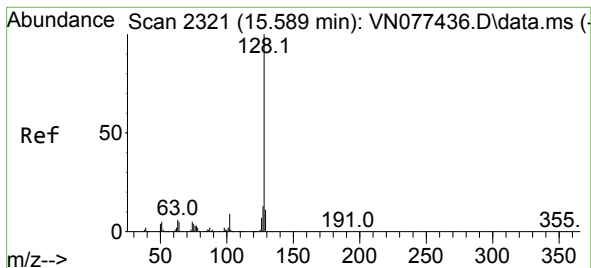
Ion Ratio Lower Upper

225 100

223 63.9 31.3 93.8

227 61.0 31.9 95.9





#95

Naphthalene

Concen: 54.327 ug/l

RT: 15.642 min Scan# 21

Delta R.T. 0.053 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

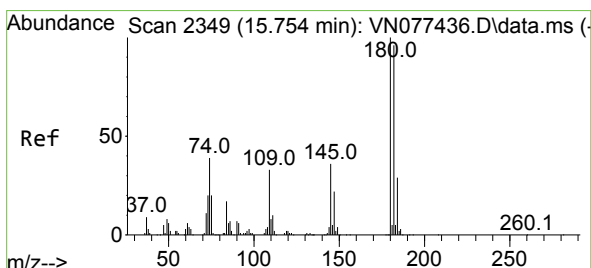
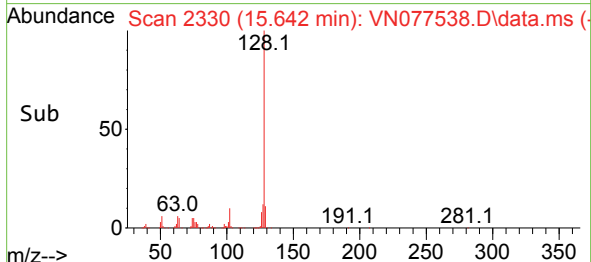
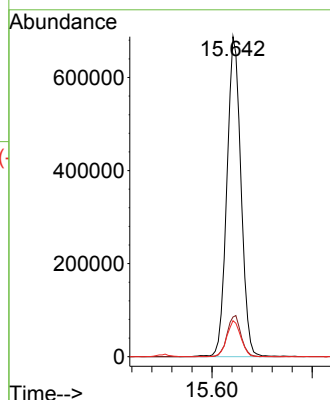
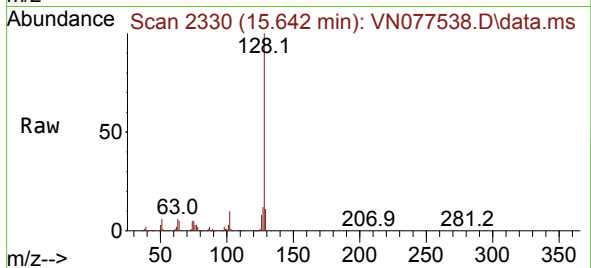
Tgt Ion:128 Resp: 1342555

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 53.309 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.088 min

Lab File: VN077538.D

Acq: 01 May 2023 11:19

Tgt Ion:180 Resp: 320958

Ion Ratio Lower Upper

180 100

182 96.4 46.2 138.6

145 37.0 17.5 52.6

