

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
 Data File : VN070557.D  
 Acq On : 10 Jan 2022 21:06  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 11 06:08:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1065070  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1799174  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.741 | 117  | 1674353  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.672 | 152  | 733227   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 680000   | 44.405   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 88.800% |
| 35) Dibromofluoromethane    | 8.018  | 113   | 508709   | 46.731   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 93.460% |
| 50) Toluene-d8              | 10.440 | 98    | 2051183  | 46.125   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 92.260% |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 761588   | 47.417   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 94.840% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.073 | 85  | 463048  | 38.337  | ug/l   | 99  |
| 3) Chloromethane             | 2.303 | 50  | 671014  | 40.840  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.448 | 62  | 629386  | 42.073  | ug/l   | 98  |
| 5) Bromomethane              | 2.853 | 94  | 346544  | 44.883  | ug/l   | 100 |
| 6) Chloroethane              | 3.022 | 64  | 379740  | 42.152  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.381 | 101 | 697341  | 38.730  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.824 | 74  | 366356  | 46.156  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 4.213 | 101 | 483215  | 43.878  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.422 | 142 | 686267  | 46.047  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.369 | 59  | 552635  | 216.736 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.183 | 96  | 476983  | 43.973  | ug/l   | 92  |
| 13) Acrolein                 | 4.041 | 56  | 370544  | 179.104 | ug/l   | 99  |
| 14) Allyl chloride           | 4.843 | 41  | 1124820 | 45.737  | ug/l # | 84  |
| 15) Acrylonitrile            | 5.551 | 53  | 1902116 | 239.057 | ug/l   | 99  |
| 16) Acetone                  | 4.285 | 43  | 1692503 | 170.256 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.532 | 76  | 1194712 | 40.349  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.851 | 43  | 1313495 | 45.677  | ug/l   | 92  |
| 19) Methyl tert-butyl Ether  | 5.615 | 73  | 1904836 | 47.286  | ug/l   | 95  |
| 20) Methylene Chloride       | 5.095 | 84  | 592096  | 43.049  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.597 | 96  | 501390  | 43.656  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.495 | 45  | 2294015 | 47.890  | ug/l   | 91  |
| 23) Vinyl Acetate            | 6.433 | 43  | 9027336 | 242.896 | ug/l   | 95  |
| 24) 1,1-Dichloroethane       | 6.385 | 63  | 1119550 | 45.075  | ug/l   | 98  |
| 25) 2-Butanone               | 7.332 | 43  | 2674943 | 213.707 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 7.324 | 77  | 821019  | 41.901  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.324 | 96  | 627538  | 45.792  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.656 | 49  | 610369  | 50.249  | ug/l # | 77  |
| 29) Tetrahydrofuran          | 7.683 | 42  | 1751986 | 234.599 | ug/l   | 88  |
| 30) Chloroform               | 7.817 | 83  | 1047757 | 43.727  | ug/l   | 99  |
| 31) Cyclohexane              | 8.094 | 56  | 1041462 | 43.097  | ug/l   | 87  |
| 32) 1,1,1-Trichloroethane    | 8.013 | 97  | 867997  | 42.962  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.220 | 75  | 777523  | 43.176  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.410 | 43  | 1062599 | 45.522  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.206 | 117 | 687152  | 39.960  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.459 | 83  | 937526  | 43.002  | ug/l   | 89  |
| 40) Benzene                  | 8.458 | 78  | 2478538 | 44.894  | ug/l   | 100 |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 11 06:08:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Dec 27 18:47:12 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.632  | 41   | 541784   | 46.404  | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 848663   | 40.896  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.558  | 43   | 1718535  | 46.697  | ug/l   | 96       |
| 44) Trichloroethene           | 9.215  | 130  | 565367   | 43.098  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.488  | 63   | 696189   | 46.835  | ug/l   | 99       |
| 46) Dibromomethane            | 9.574  | 93   | 402009   | 43.492  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.759  | 83   | 803788   | 43.795  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.558  | 41   | 781581   | 44.524  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.566  | 88   | 216462   | 842.387 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 5440075  | 235.246 | ug/l   | 98       |
| 52) Toluene                   | 10.502 | 92   | 1508818  | 45.150  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.717 | 75   | 924864   | 46.548  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.188 | 75   | 1015844  | 47.263  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.896 | 97   | 603786   | 45.665  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.759 | 69   | 1069108  | 48.936  | ug/l   | 89       |
| 57) 1,3-Dichloropropane       | 11.041 | 76   | 1078094  | 46.100  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.038 | 63   | 2145715  | 374.546 | ug/l   | 90       |
| 59) 2-Hexanone                | 11.084 | 43   | 4273702  | 253.424 | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.237 | 129  | 586340   | 45.451  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.344 | 107  | 612220   | 45.602  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.974 | 164  | 483718   | 39.895  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.768 | 112  | 1568269  | 44.144  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.838 | 131  | 554453   | 43.717  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.843 | 91   | 2943050  | 45.214  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.950 | 106  | 2161709  | 91.235  | ug/l   | 94       |
| 69) o-Xylene                  | 12.277 | 106  | 1085368  | 46.054  | ug/l   | 94       |
| 70) Styrene                   | 12.291 | 104  | 1782923  | 47.799  | ug/l   | 97       |
| 71) Bromoform                 | 12.454 | 173  | 423097   | 44.950  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.575 | 105  | 2807412  | 41.230  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.385 | 43   | 1401106  | 48.938  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.825 | 83   | 946908   | 41.734  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.878 | 75   | 1181135  | 54.171  | ug/l # | 1        |
| 77) Bromobenzene              | 12.857 | 156  | 639705   | 40.921  | ug/l   | 76       |
| 78) n-propylbenzene           | 12.918 | 91   | 3240230  | 42.949  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 1962577  | 40.543  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.058 | 105  | 2300802  | 42.166  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.623 | 75   | 296087   | 49.337  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 13.101 | 91   | 1922104  | 42.390  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 2029783  | 42.246  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.366 | 105  | 2263530  | 43.080  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 2821011  | 43.247  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.613 | 119  | 2282818  | 44.551  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.613 | 146  | 1128835  | 43.136  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.694 | 146  | 1105488  | 42.825  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.940 | 91   | 1992949  | 46.629  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.208 | 117  | 352769   | 39.629  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 1103370  | 43.009  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75   | 173907   | 44.089  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.260 | 180  | 603196   | 49.900  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.367 | 225  | 322729   | 45.938  | ug/l   | 98       |
| 95) Naphthalene               | 15.501 | 128  | 1803596  | 53.844  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.697 | 180  | 586925   | 50.749  | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jan 11 06:08:24 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N122721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Dec 27 18:47:12 2021  
Response via : Initial Calibration

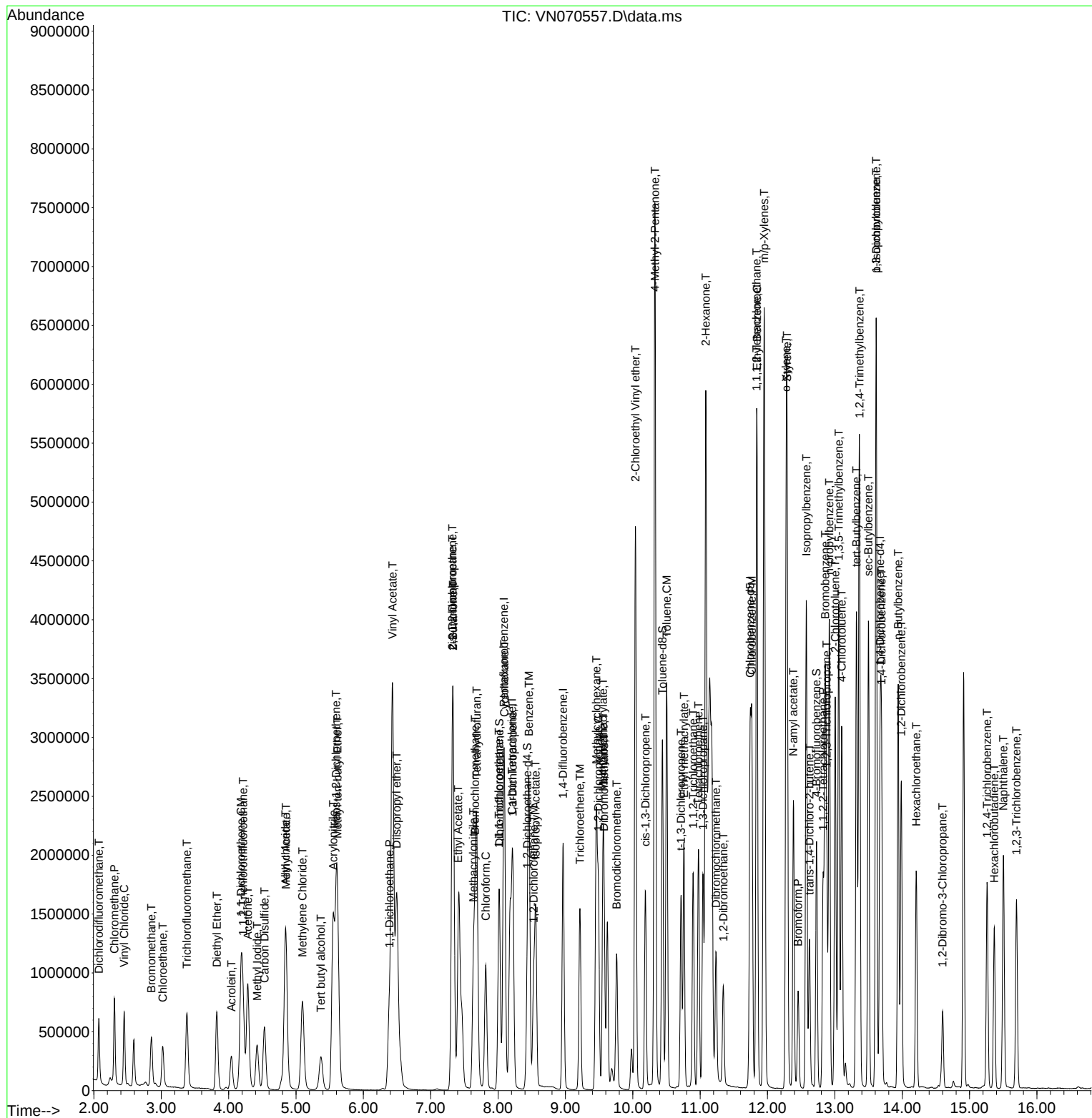
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

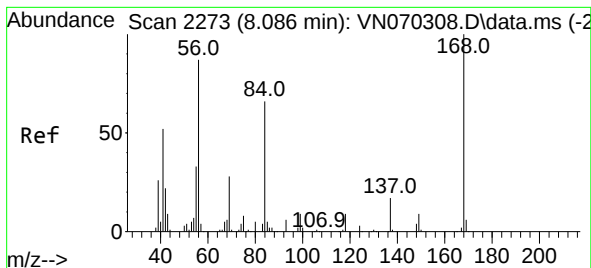
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011022\  
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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

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 Quant Title : SW846 8260  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

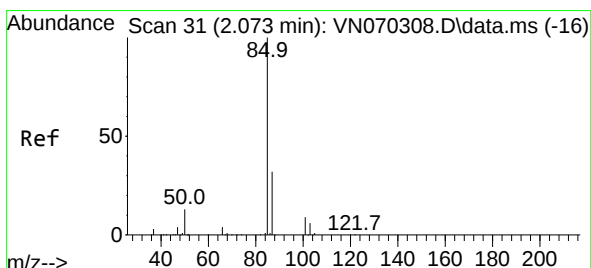
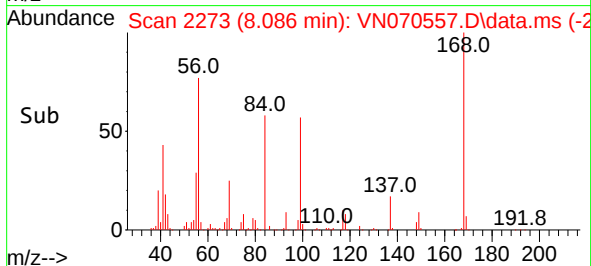
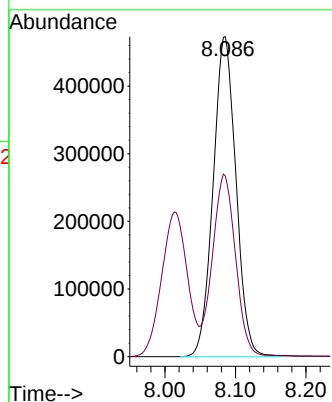
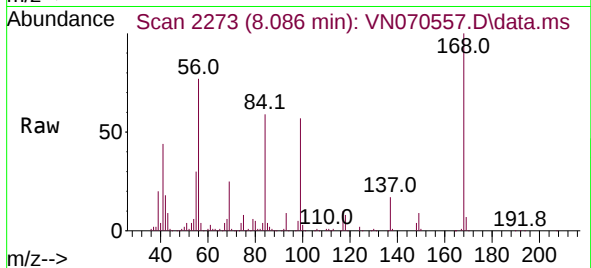
ClientSampleId :

Tgt Ion:168 Resp: 1065070

Ion Ratio Lower Upper

168 100

99 56.2 41.3 61.9



#2

Dichlorodifluoromethane

Concen: 38.337 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070557.D

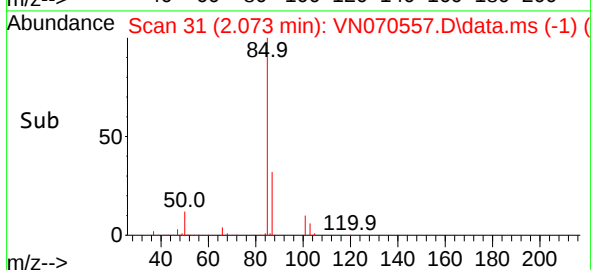
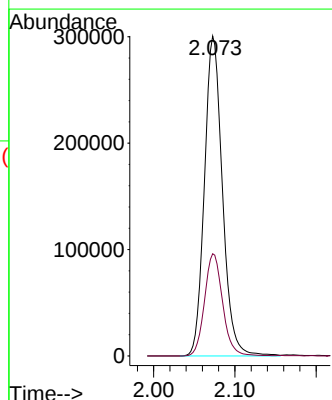
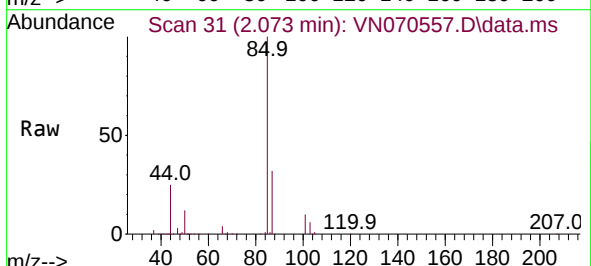
Acq: 10 Jan 2022 21:06

Tgt Ion: 85 Resp: 463048

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.9

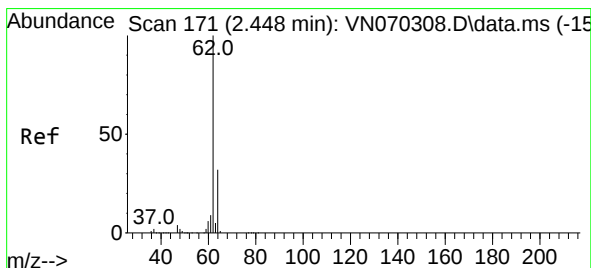
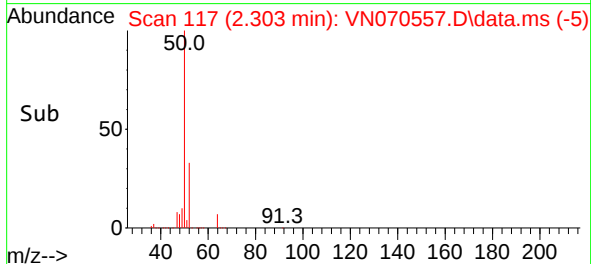
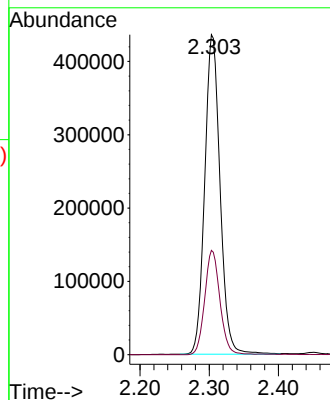
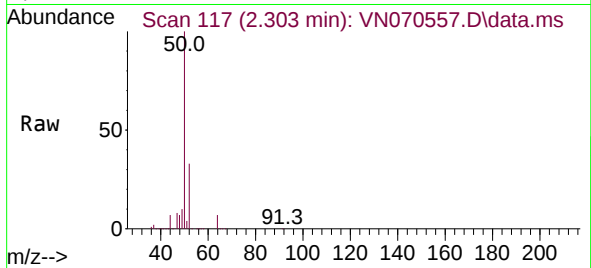




#3  
Chloromethane  
Concen: 40.840 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

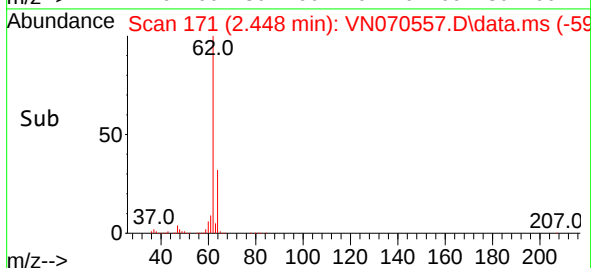
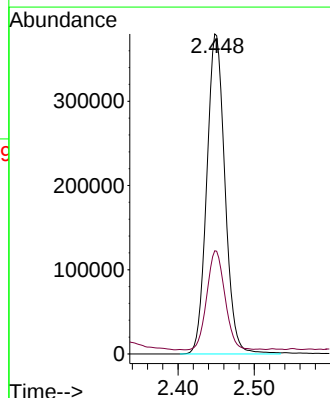
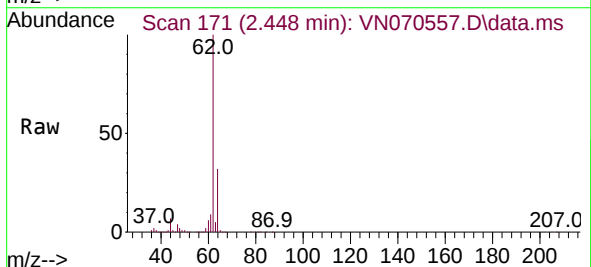
Instrument :  
MSVOA\_N  
ClientSampleId :

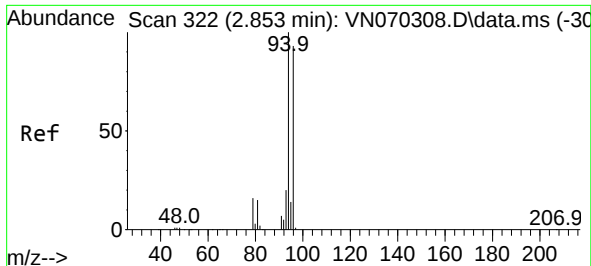
Tgt Ion: 50 Resp: 671014  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.0



#4  
Vinyl Chloride  
Concen: 42.073 ug/l  
RT: 2.448 min Scan# 171  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

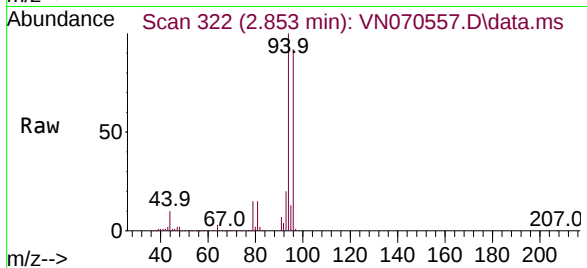
Tgt Ion: 62 Resp: 629386  
Ion Ratio Lower Upper  
62 100  
64 30.8 25.8 38.6



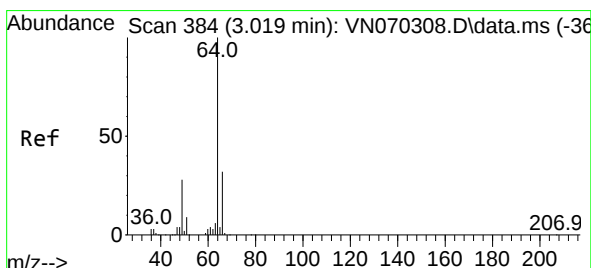
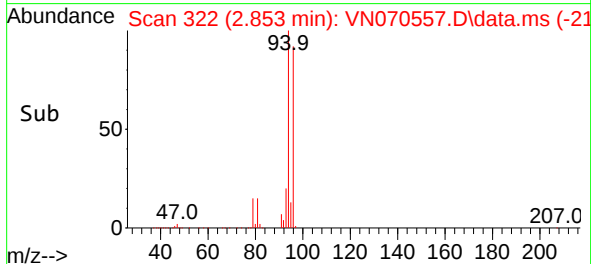
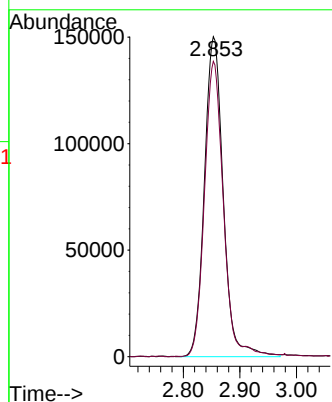


#5  
Bromomethane  
Concen: 44.883 ug/l  
RT: 2.853 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

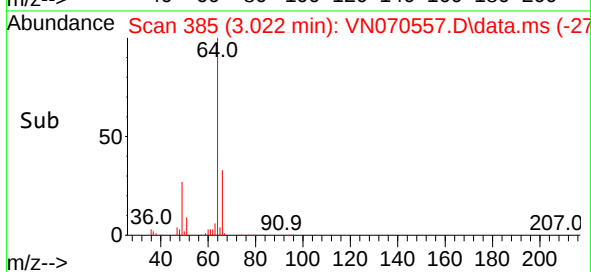
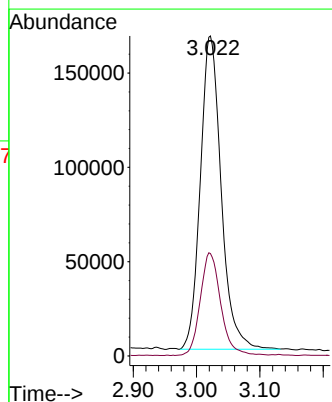
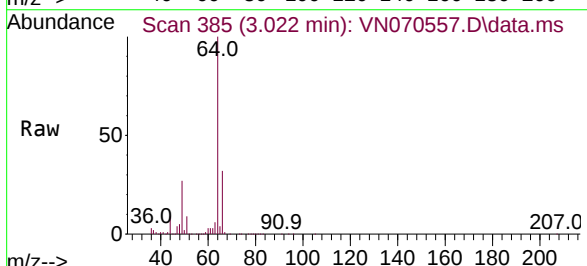


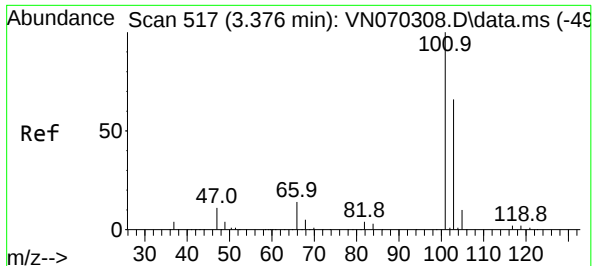
Tgt Ion: 94 Resp: 346544  
Ion Ratio Lower Upper  
94 100  
96 92.2 73.8 110.8



#6  
Chloroethane  
Concen: 42.152 ug/l  
RT: 3.022 min Scan# 385  
Delta R.T. 0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 64 Resp: 379740  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.3 39.5

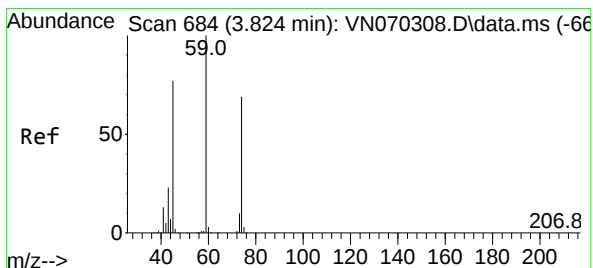
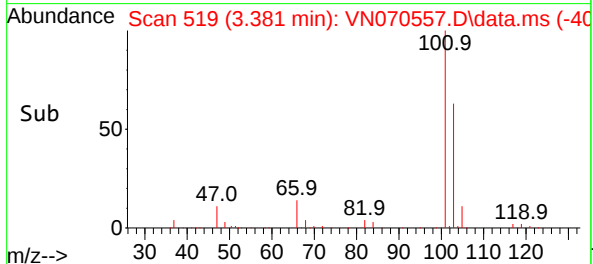
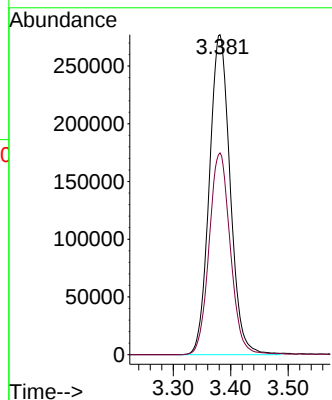
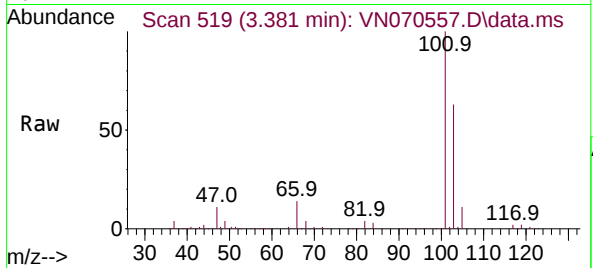




#7  
Trichlorofluoromethane  
Concen: 38.730 ug/l  
RT: 3.381 min Scan# 517  
Delta R.T. 0.005 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

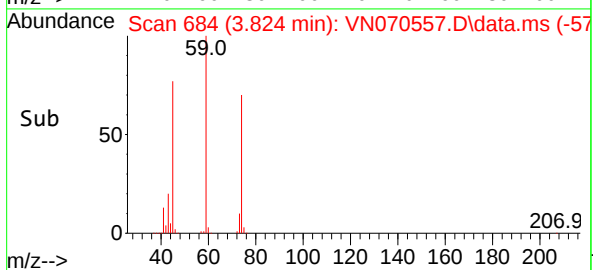
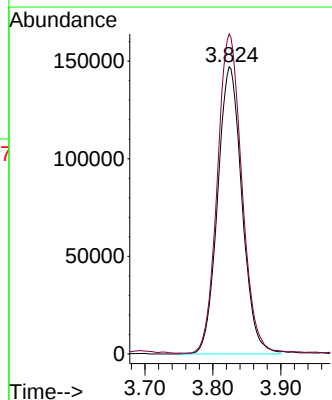
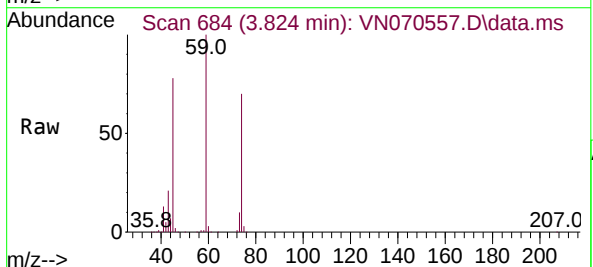
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:101 Resp: 697341  
Ion Ratio Lower Upper  
101 100  
103 63.1 50.1 75.1



#8  
Diethyl Ether  
Concen: 46.156 ug/l  
RT: 3.824 min Scan# 684  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 74 Resp: 366356  
Ion Ratio Lower Upper  
74 100  
45 111.7 47.0 141.2

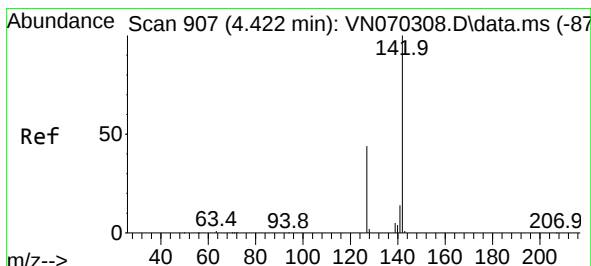
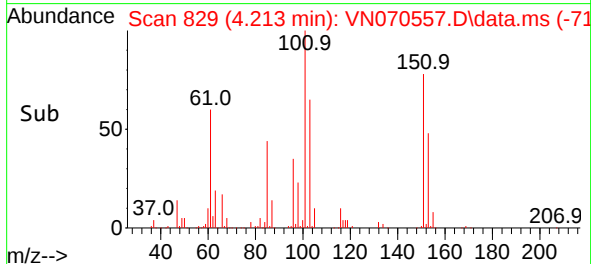
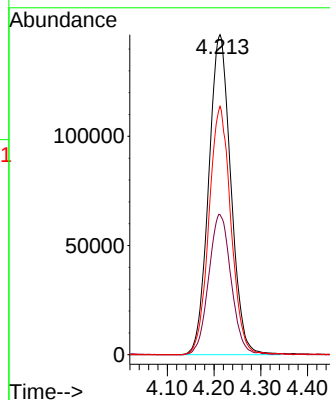
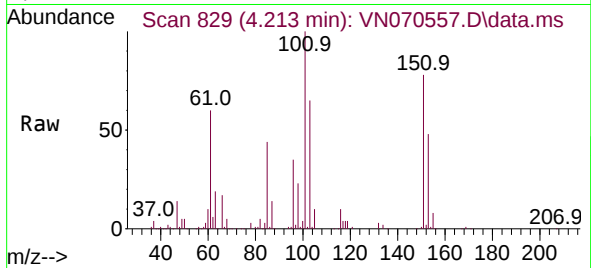




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.878 ug/l  
RT: 4.213 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

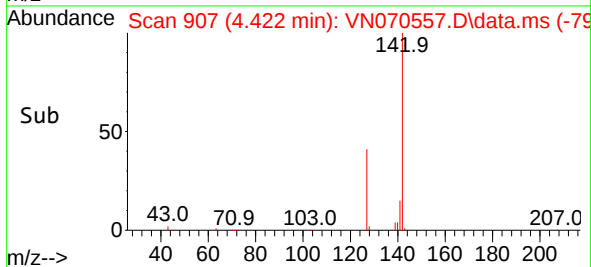
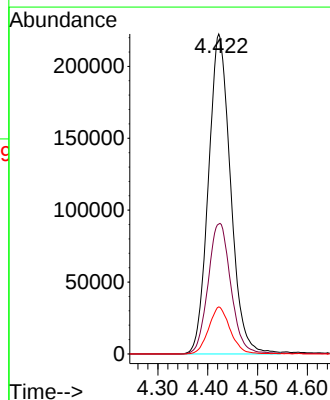
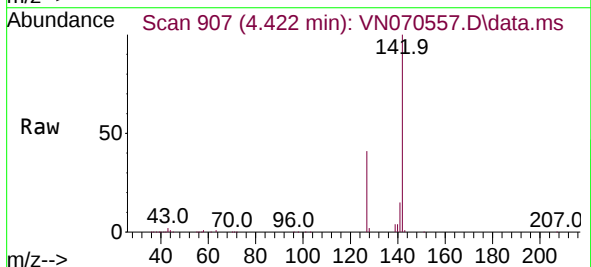
Instrument :  
MSVOA\_N  
ClientSampleId :

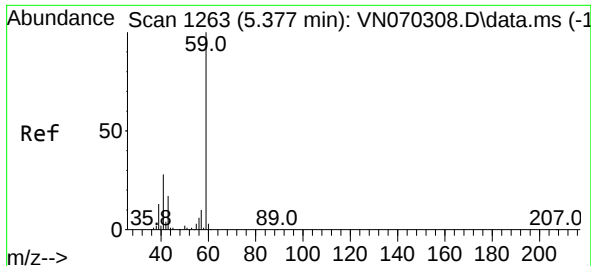
Tgt Ion:101 Resp: 483215  
Ion Ratio Lower Upper  
101 100  
85 44.1 37.2 55.8  
151 76.5 65.9 98.9



#10  
Methyl Iodide  
Concen: 46.047 ug/l  
RT: 4.422 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion:142 Resp: 686267  
Ion Ratio Lower Upper  
142 100  
127 42.1 35.4 53.0  
141 14.3 11.6 17.4

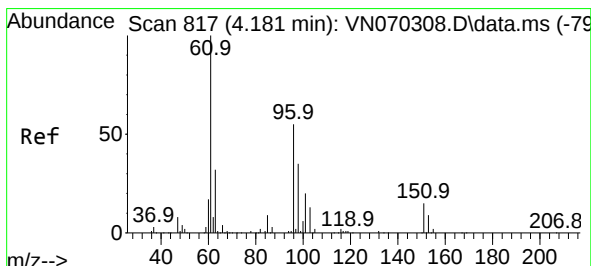
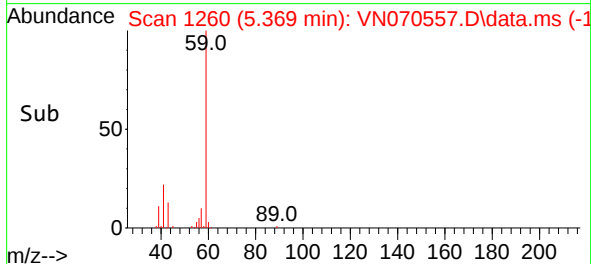
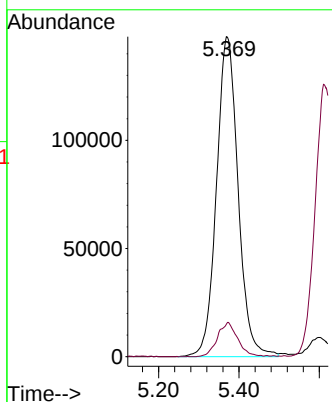
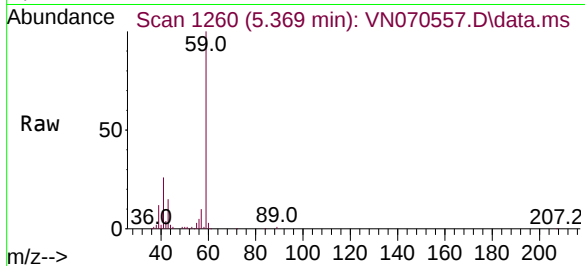




#11  
Tert butyl alcohol  
Concen: 216.736 ug/l  
RT: 5.369 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

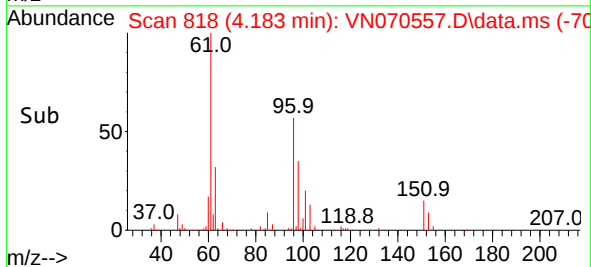
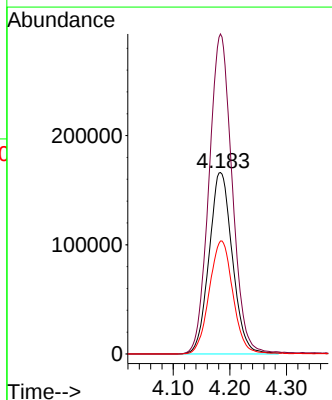
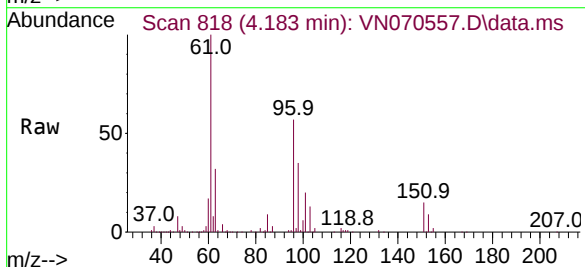
Instrument :  
MSVOA\_N  
ClientSampleId :

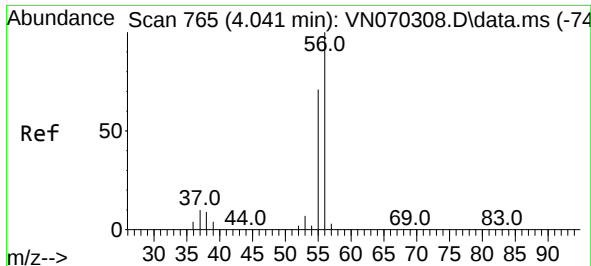
Tgt Ion: 59 Resp: 552635  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.7 13.1



#12  
1,1-Dichloroethene  
Concen: 43.973 ug/l  
RT: 4.183 min Scan# 818  
Delta R.T. 0.002 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 96 Resp: 476983  
Ion Ratio Lower Upper  
96 100  
61 176.4 131.0 196.6  
98 62.3 52.4 78.6

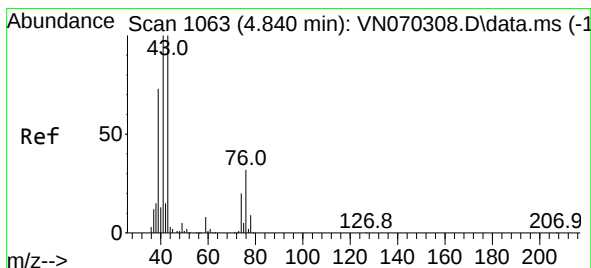
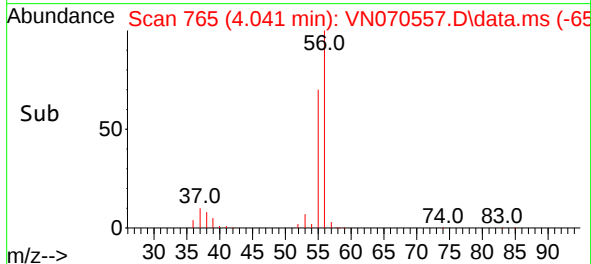
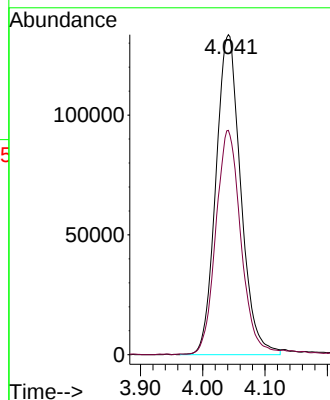
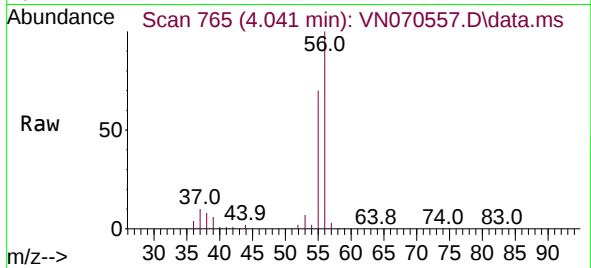




#13  
Acrolein  
Concen: 179.104 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

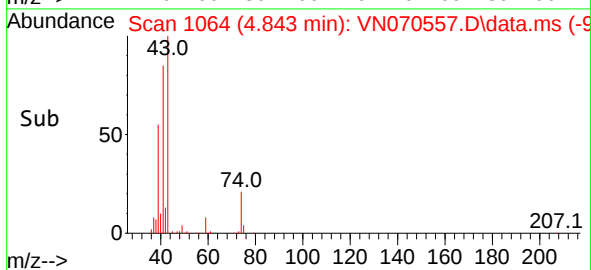
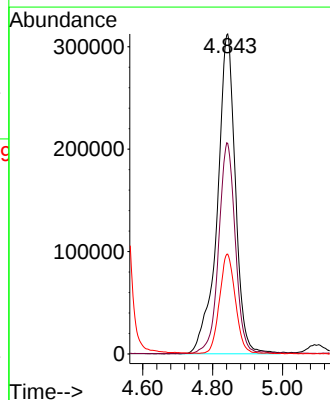
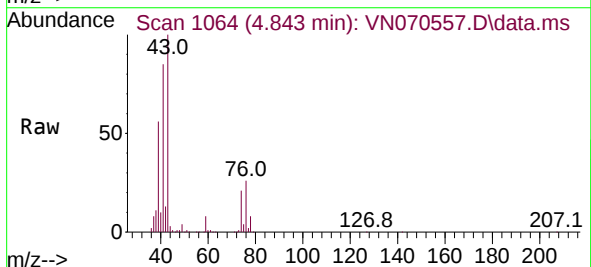
Instrument :  
MSVOA\_N  
ClientSampleId :

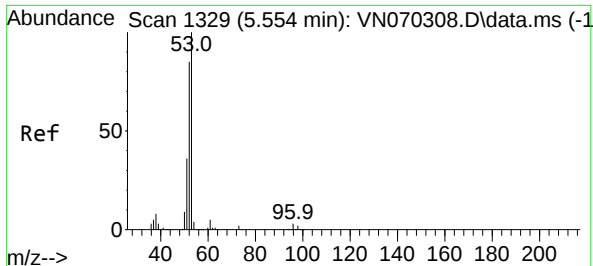
Tgt Ion: 56 Resp: 370544  
Ion Ratio Lower Upper  
56 100  
55 70.3 56.6 85.0



#14  
Allyl chloride  
Concen: 45.737 ug/l  
RT: 4.843 min Scan# 1064  
Delta R.T. 0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 41 Resp: 1124820  
Ion Ratio Lower Upper  
41 100  
39 60.2 61.2 91.8#  
76 26.9 26.0 39.0





#15

Acrylonitrile

Concen: 239.057 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

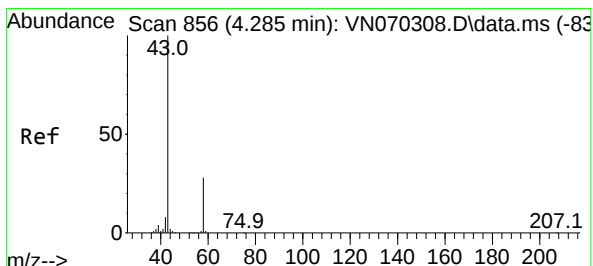
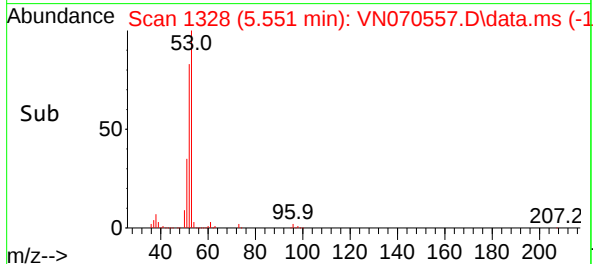
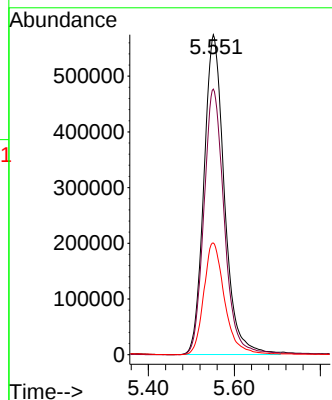
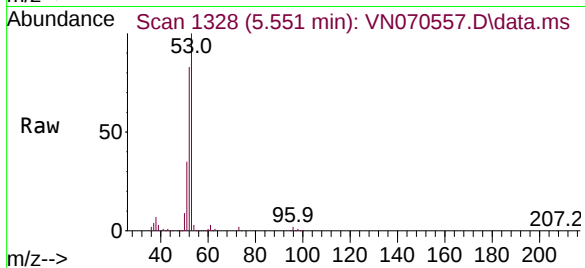
Tgt Ion: 53 Resp: 1902116

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

51 35.7 29.6 44.4



#16

Acetone

Concen: 170.256 ug/l

RT: 4.285 min Scan# 856

Delta R.T. 0.000 min

Lab File: VN070557.D

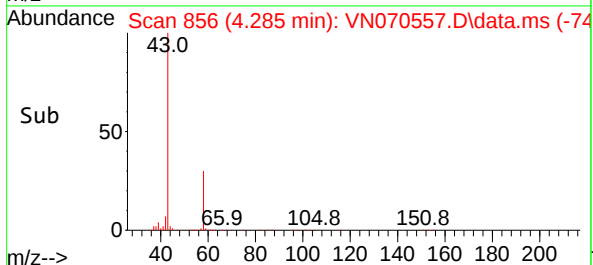
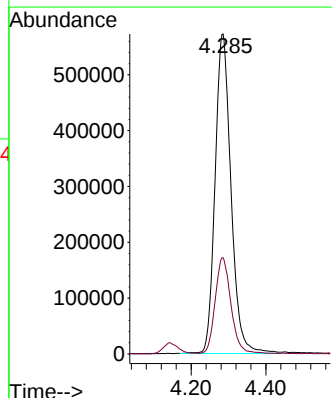
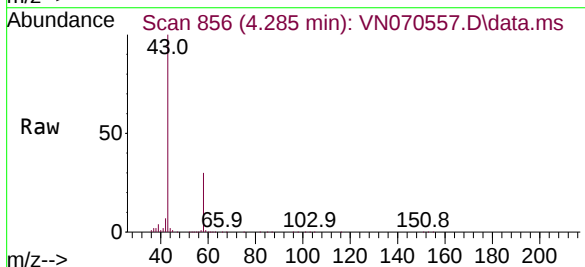
Acq: 10 Jan 2022 21:06

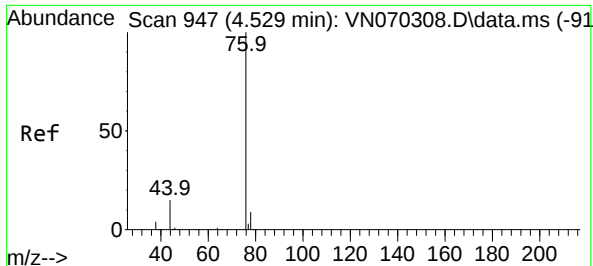
Tgt Ion: 43 Resp: 1692503

Ion Ratio Lower Upper

43 100

58 29.9 23.1 34.7

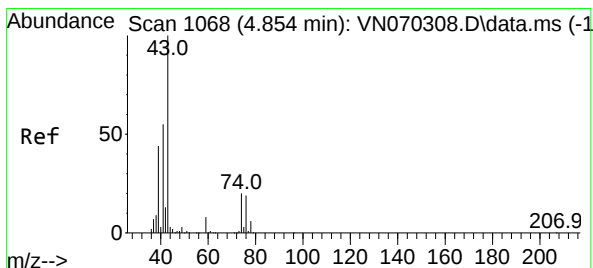
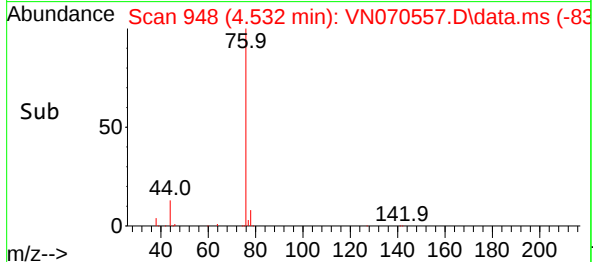
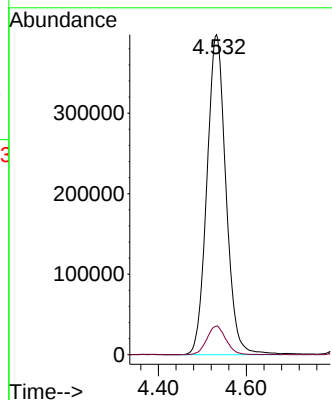
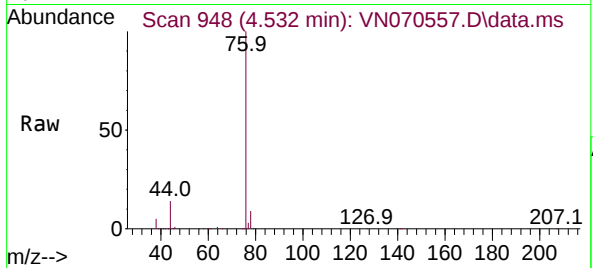




#17  
Carbon Disulfide  
Concen: 40.349 ug/l  
RT: 4.532 min Scan# 947  
Delta R.T. 0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

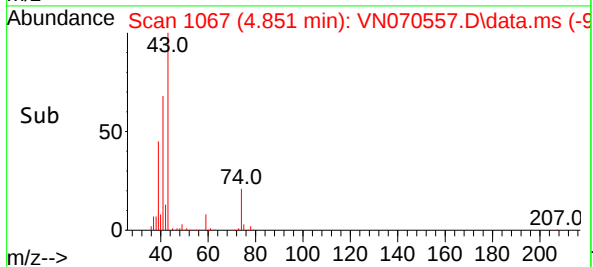
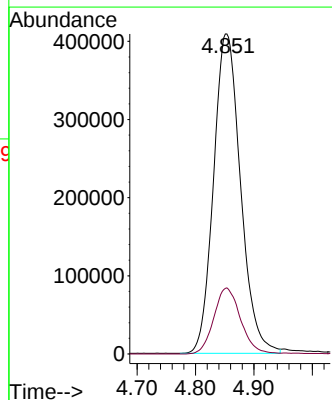
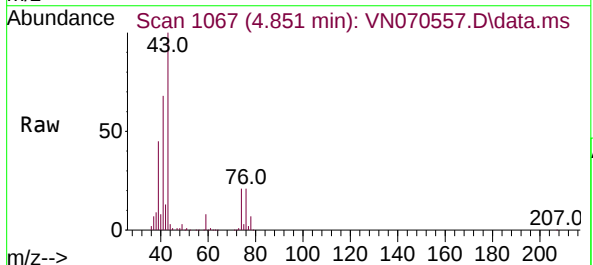
Instrument :  
MSVOA\_N  
ClientSampleId :

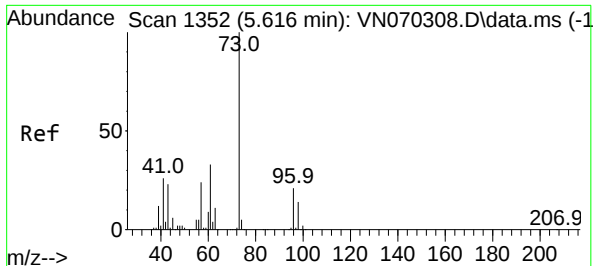
Tgt Ion: 76 Resp: 1194712  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 45.677 ug/l  
RT: 4.851 min Scan# 1067  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 43 Resp: 1313495  
Ion Ratio Lower Upper  
43 100  
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.286 ug/l

RT: 5.615 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

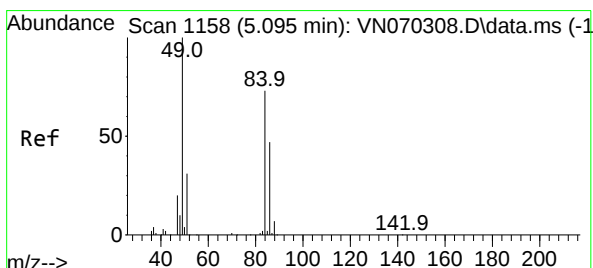
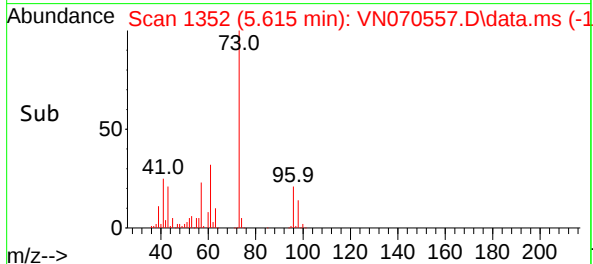
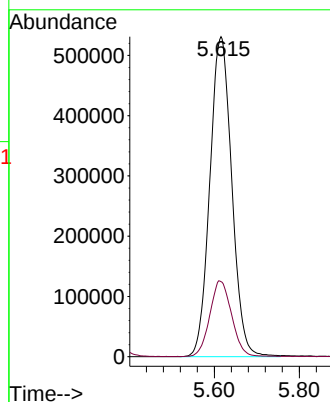
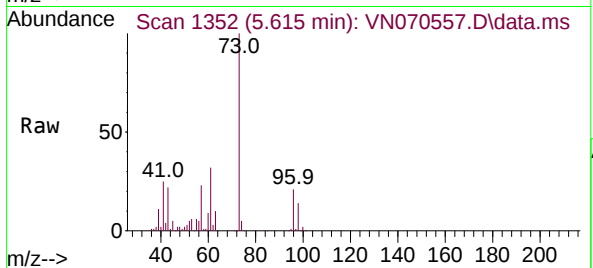
ClientSampleId :

Tgt Ion: 73 Resp: 1904836

Ion Ratio Lower Upper

73 100

57 23.4 16.8 25.2



#20

Methylene Chloride

Concen: 43.049 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Tgt Ion: 84 Resp: 592096

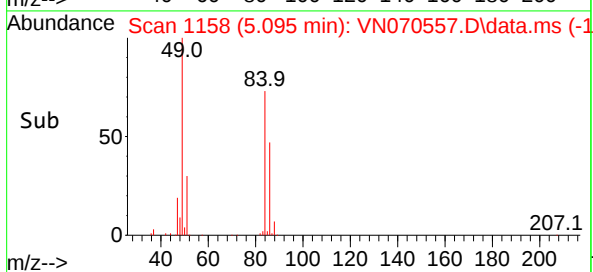
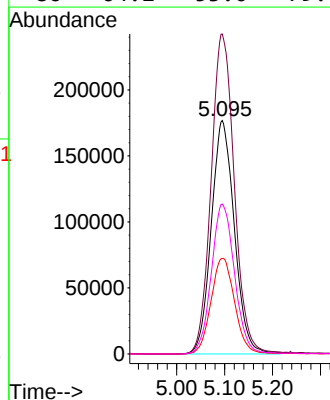
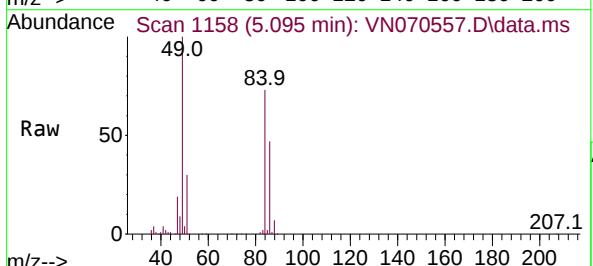
Ion Ratio Lower Upper

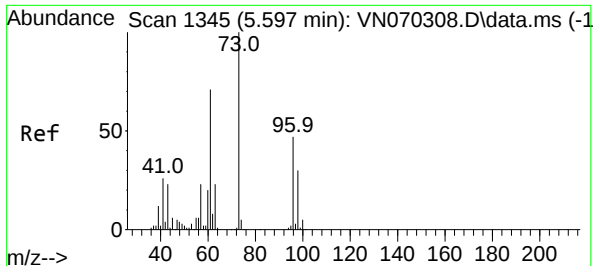
84 100

49 137.1 93.5 140.3

51 41.0 29.4 44.2

86 64.2 53.0 79.4

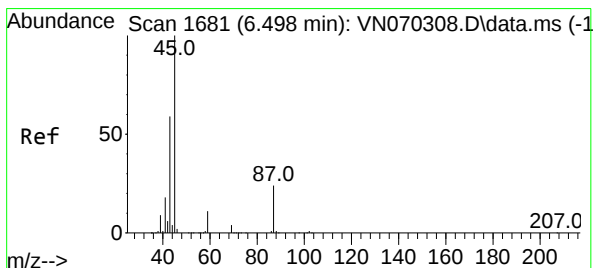
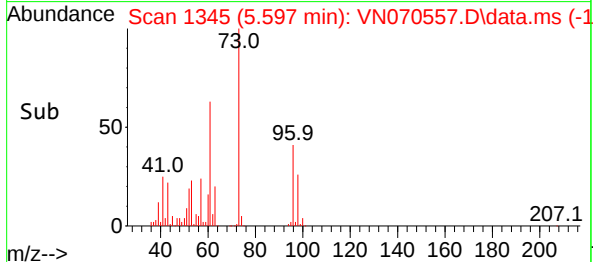
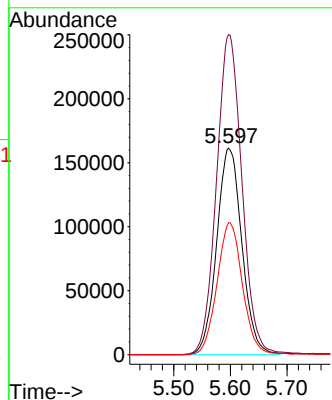
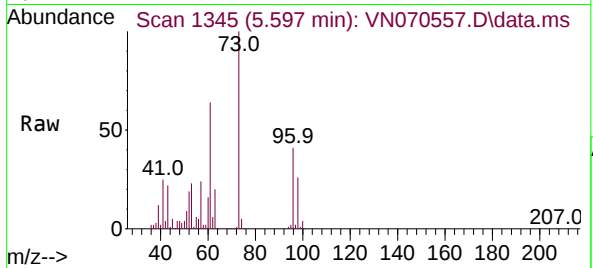




#21  
trans-1,2-Dichloroethene  
Concen: 43.656 ug/l  
RT: 5.597 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

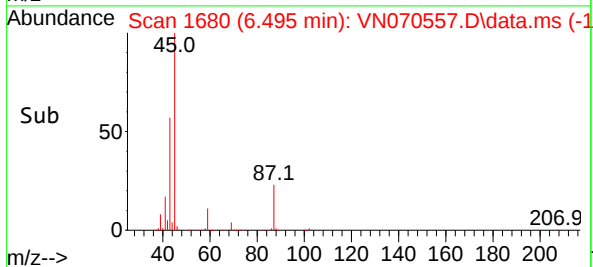
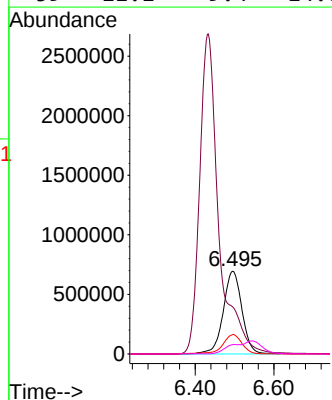
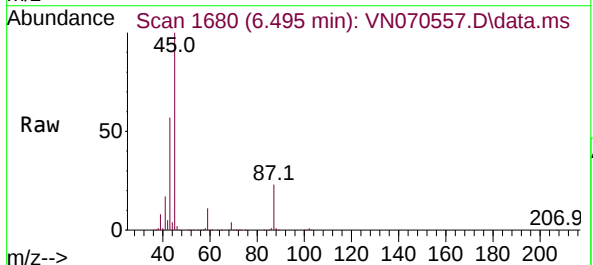
Instrument :  
MSVOA\_N  
ClientSampleId :

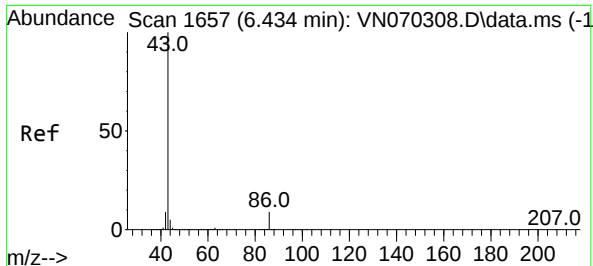
Tgt Ion: 96 Resp: 501390  
Ion Ratio Lower Upper  
96 100  
61 155.0 105.8 158.6  
98 63.9 52.0 78.0



#22  
Diisopropyl ether  
Concen: 47.890 ug/l  
RT: 6.495 min Scan# 1680  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 45 Resp: 2294015  
Ion Ratio Lower Upper  
45 100  
43 56.6 51.7 77.5  
87 23.3 23.2 34.8  
59 11.1 9.4 14.0

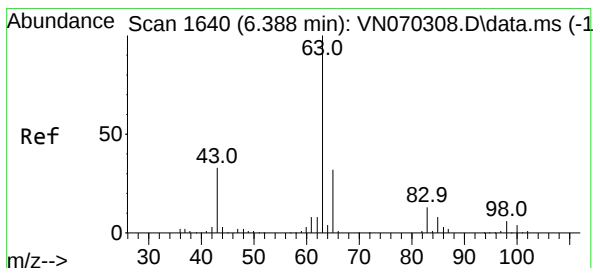
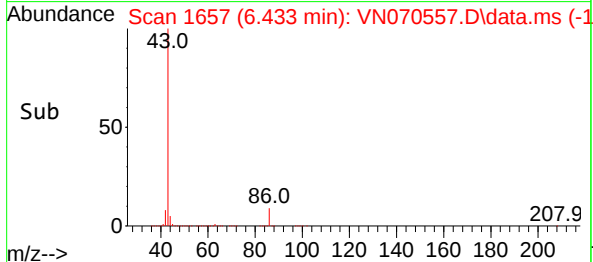
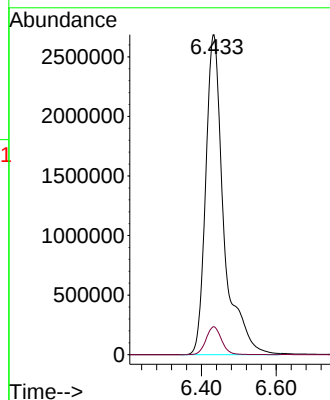
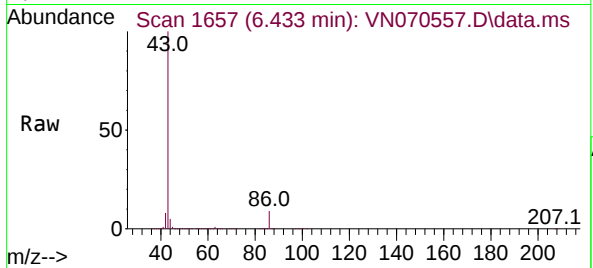




#23  
 Vinyl Acetate  
 Concen: 242.896 ug/l  
 RT: 6.433 min Scan# 1657  
 Delta R.T. -0.001 min  
 Lab File: VN070557.D  
 Acq: 10 Jan 2022 21:06

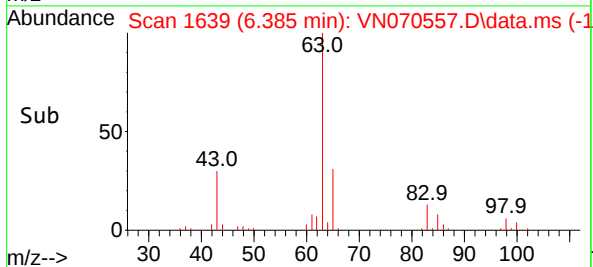
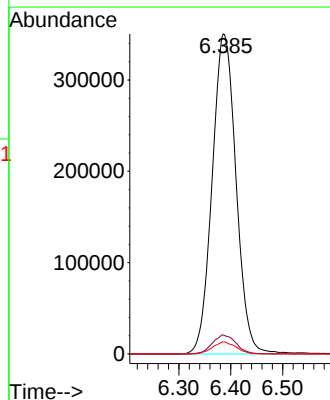
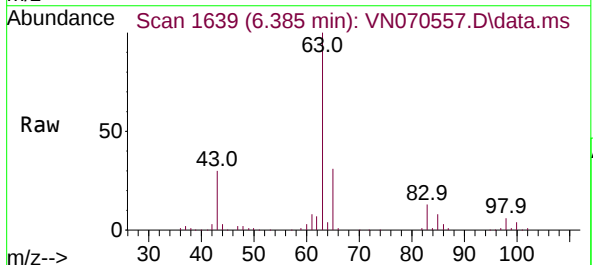
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 43 Resp: 9027336  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 45.075 ug/l  
 RT: 6.385 min Scan# 1639  
 Delta R.T. -0.003 min  
 Lab File: VN070557.D  
 Acq: 10 Jan 2022 21:06

Tgt Ion: 63 Resp: 1119550  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.3 9.9  
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 213.707 ug/l

RT: 7.332 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

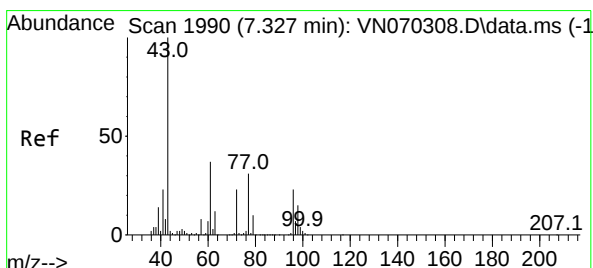
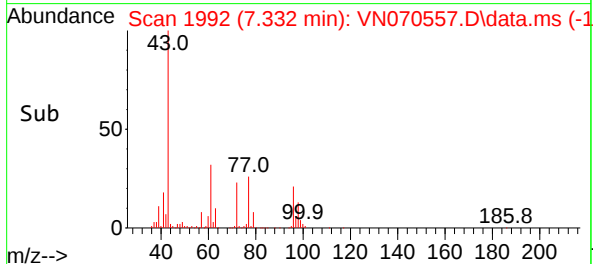
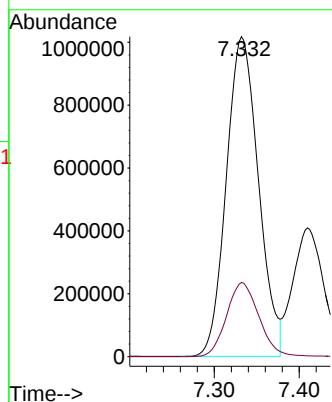
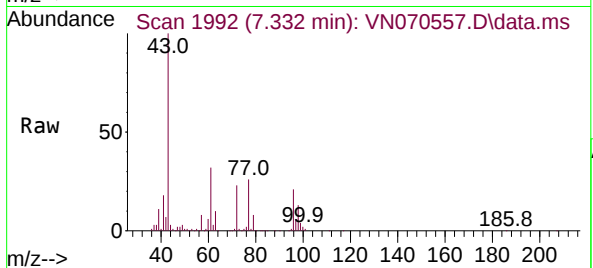
ClientSampleId :

Tgt Ion: 43 Resp: 2674943

Ion Ratio Lower Upper

43 100

72 23.2 21.7 32.5



#26

2,2-Dichloropropane

Concen: 41.901 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070557.D

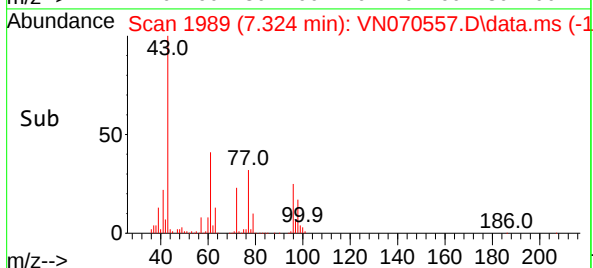
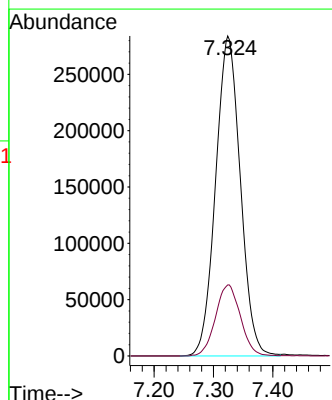
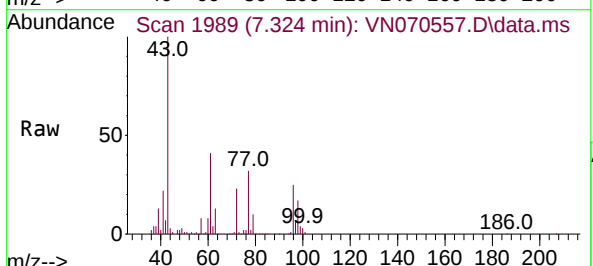
Acq: 10 Jan 2022 21:06

Tgt Ion: 77 Resp: 821019

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.792 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

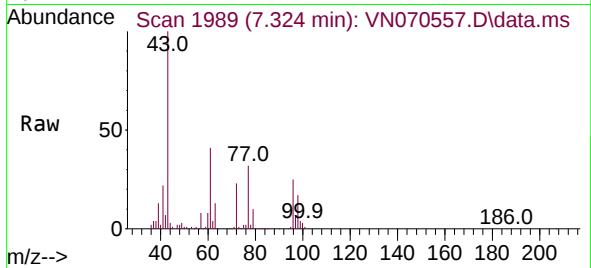
Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :



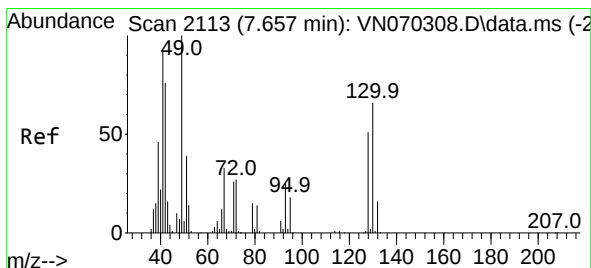
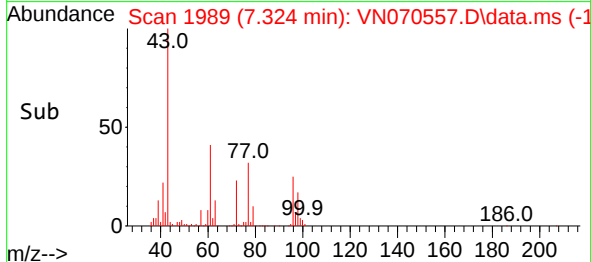
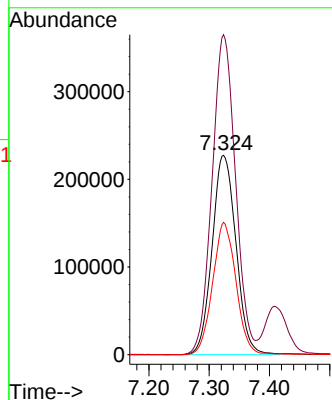
Tgt Ion: 96 Resp: 627538

Ion Ratio Lower Upper

96 100

61 157.3 0.0 275.0

98 64.4 0.0 129.6



#28

Bromochloromethane

Concen: 50.249 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

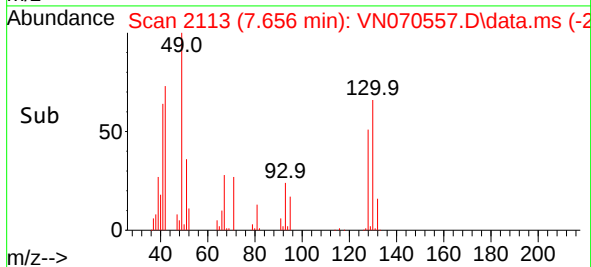
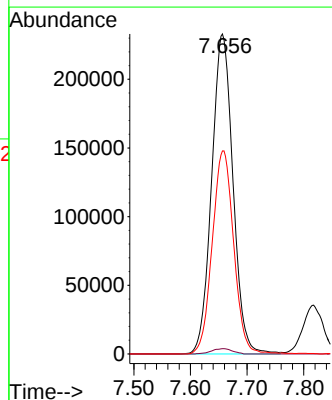
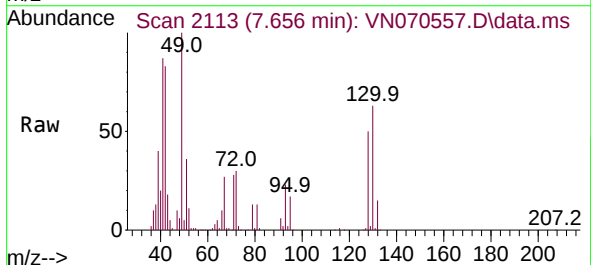
Tgt Ion: 49 Resp: 610369

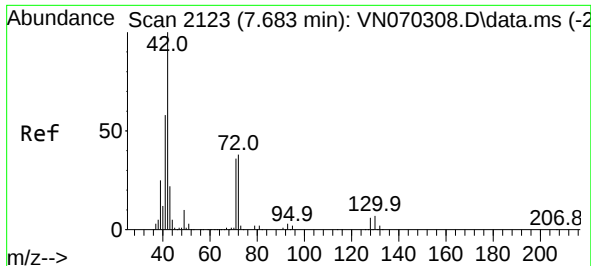
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 63.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 234.599 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

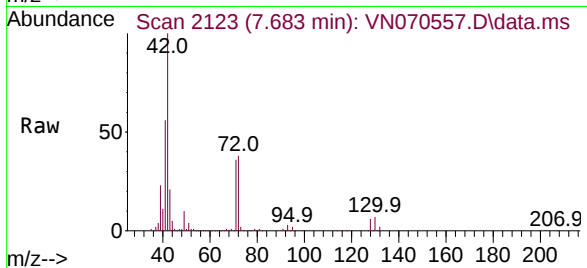
Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :



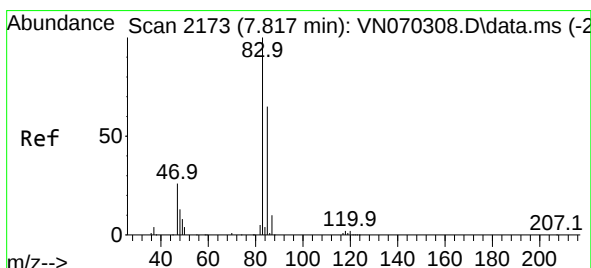
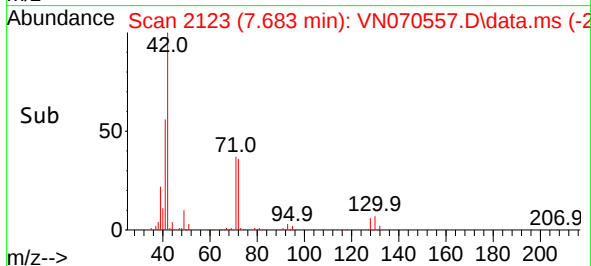
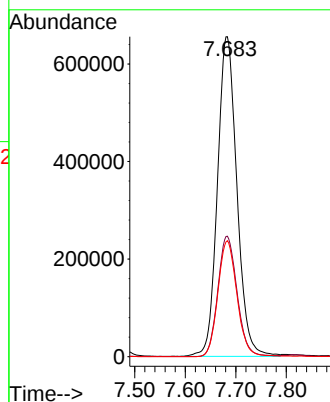
Tgt Ion: 42 Resp: 1751986

Ion Ratio Lower Upper

42 100

72 37.3 36.3 54.5

71 35.7 34.7 52.1



#30

Chloroform

Concen: 43.727 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN070557.D

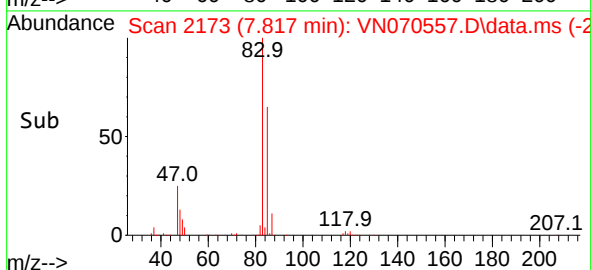
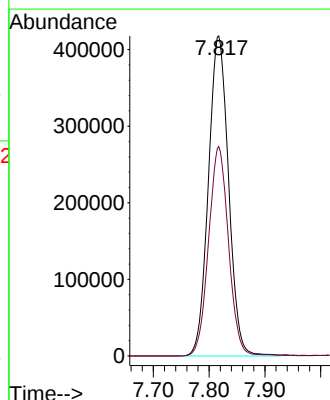
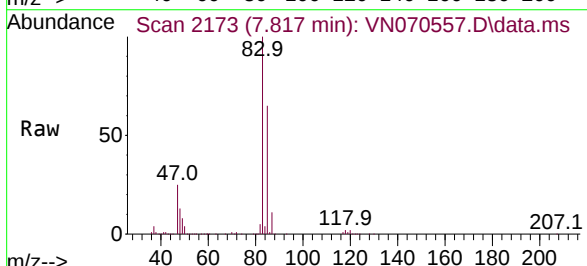
Acq: 10 Jan 2022 21:06

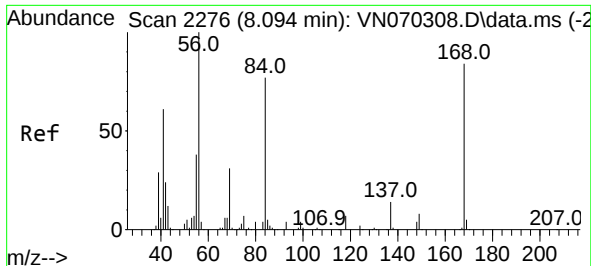
Tgt Ion: 83 Resp: 1047757

Ion Ratio Lower Upper

83 100

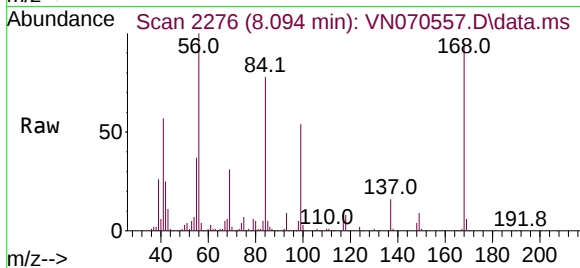
85 65.4 51.9 77.9



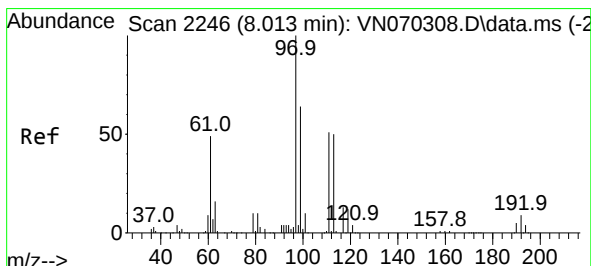
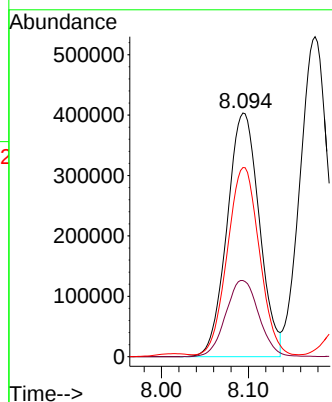
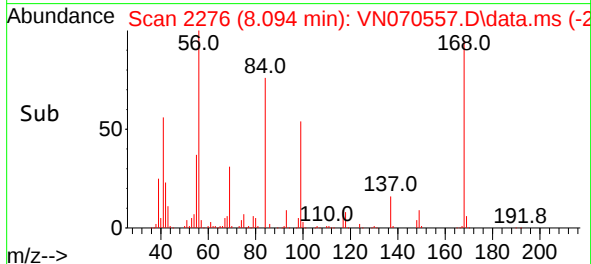


#31  
Cyclohexane  
Concen: 43.097 ug/l  
RT: 8.094 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

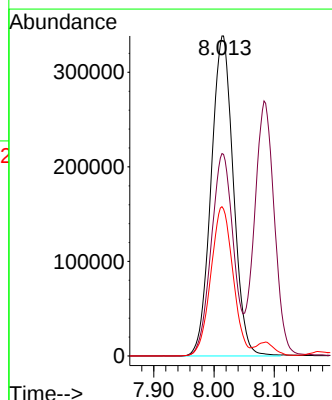
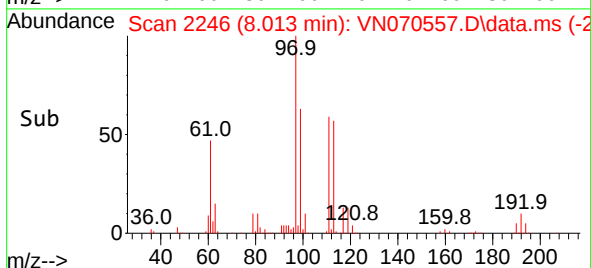
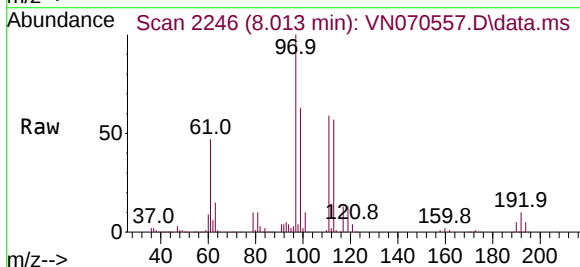


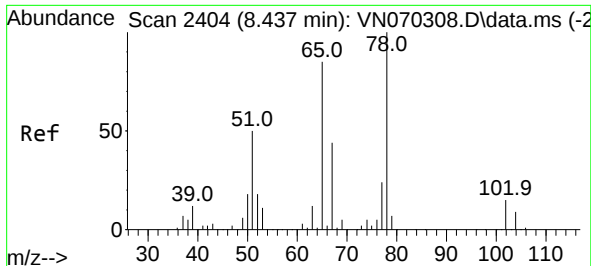
Tgt Ion: 56 Resp: 1041462  
Ion Ratio Lower Upper  
56 100  
69 31.3 27.1 40.7  
84 76.4 73.4 110.0



#32  
1,1,1-Trichloroethane  
Concen: 42.962 ug/l  
RT: 8.013 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 97 Resp: 867997  
Ion Ratio Lower Upper  
97 100  
99 62.6 50.1 75.1  
61 46.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.405 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

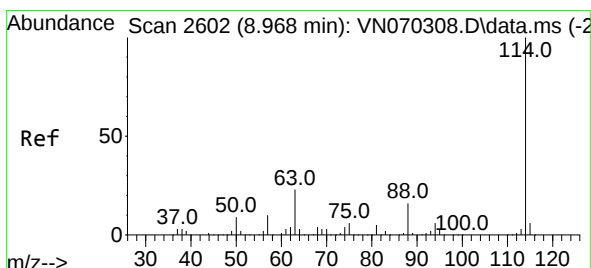
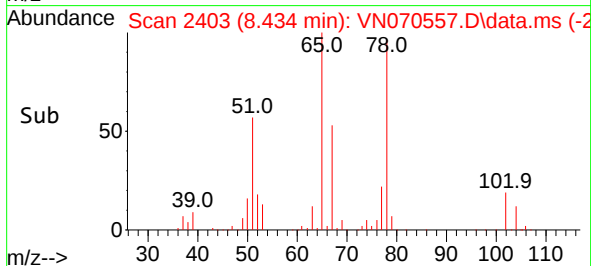
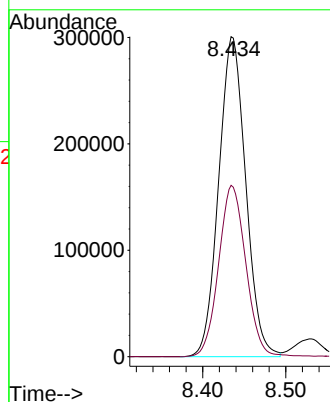
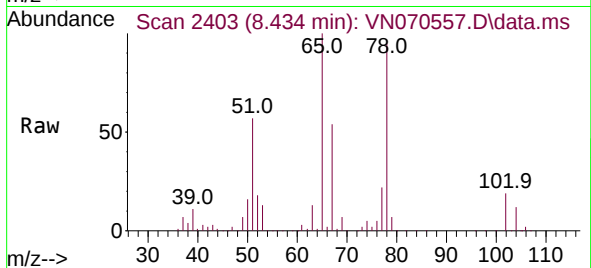
ClientSampleId :

Tgt Ion: 65 Resp: 680000

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

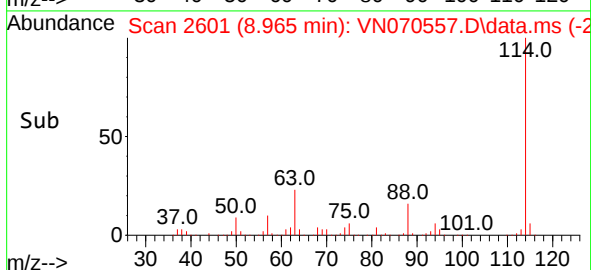
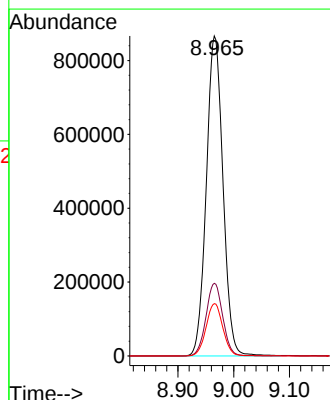
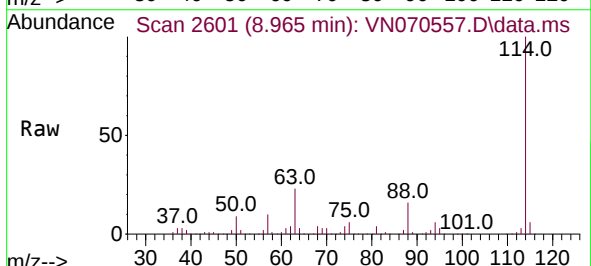
Tgt Ion: 114 Resp: 1799174

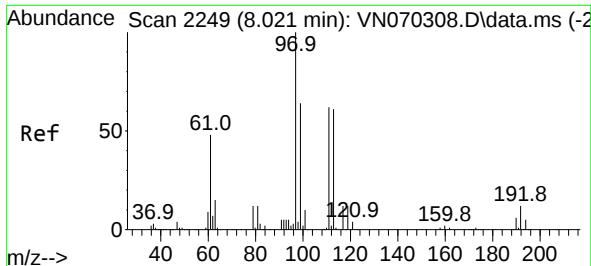
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

88 16.4 0.0 27.4

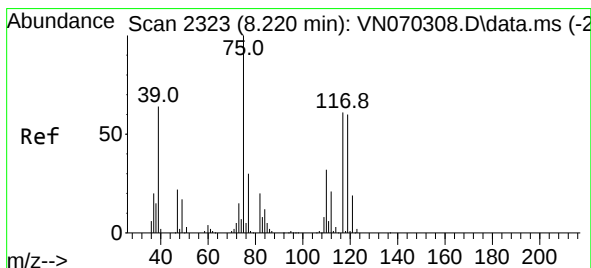
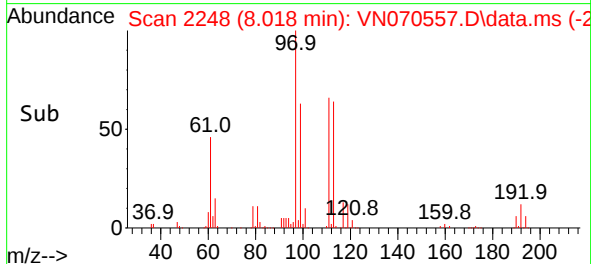
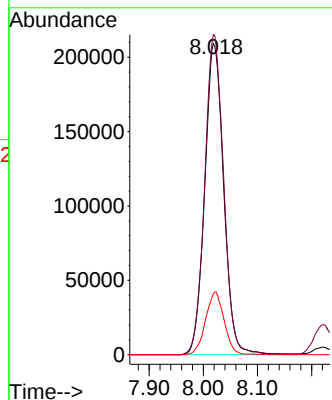
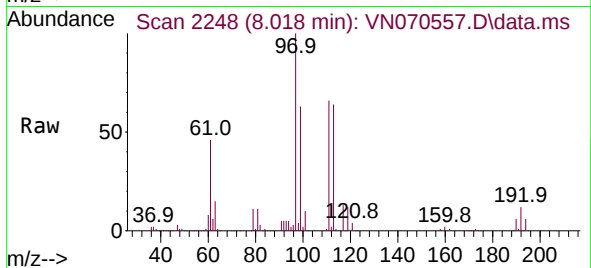




#35  
Dibromofluoromethane  
Concen: 46.731 ug/l  
RT: 8.018 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

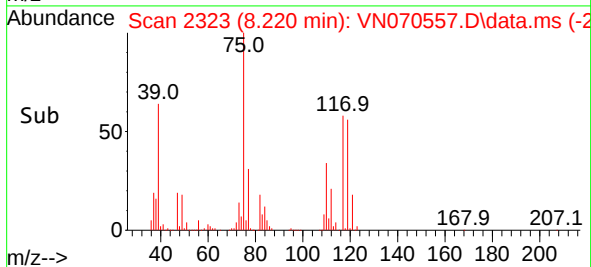
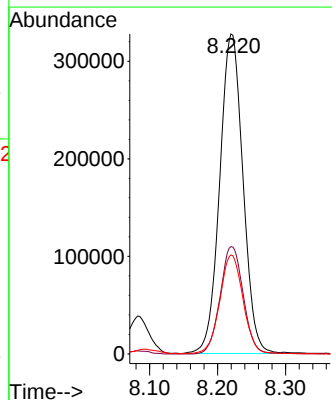
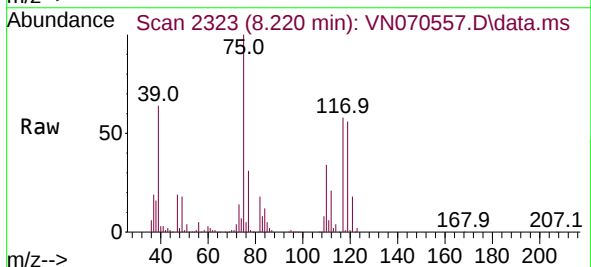
Instrument :  
MSVOA\_N  
ClientSampleId :

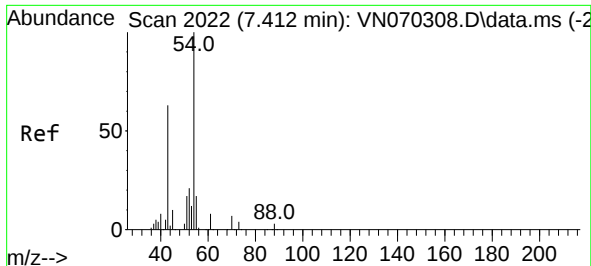
Tgt Ion:113 Resp: 508709  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 19.6 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 43.176 ug/l  
RT: 8.220 min Scan# 2323  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 75 Resp: 777523  
Ion Ratio Lower Upper  
75 100  
110 33.5 18.4 55.2  
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 45.522 ug/l

RT: 7.410 min Scan# 2022

Delta R.T. -0.002 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

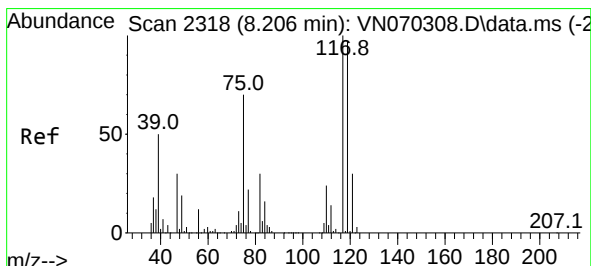
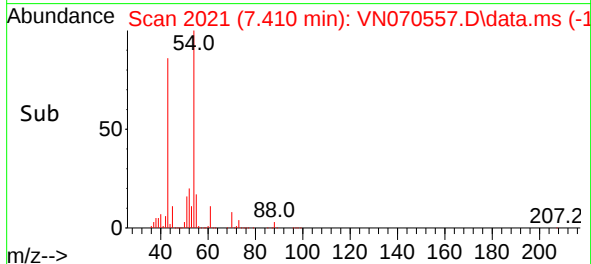
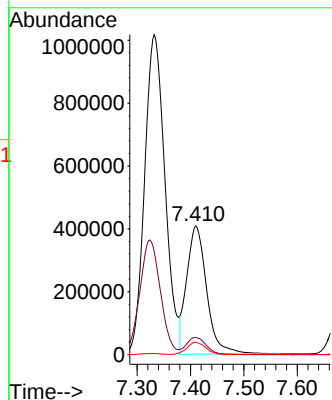
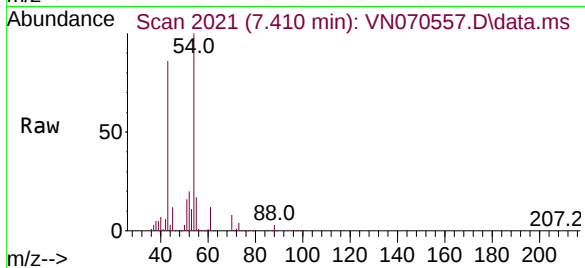
Tgt Ion: 43 Resp: 1062599

Ion Ratio Lower Upper

43 100

61 13.1 11.5 17.3

70 9.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 39.960 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

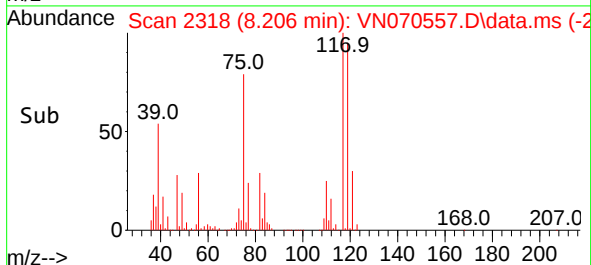
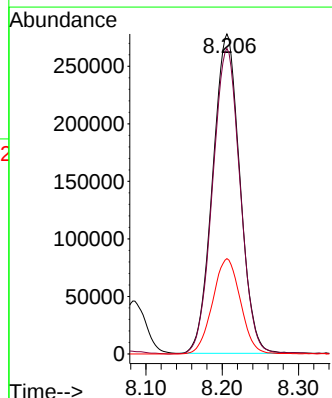
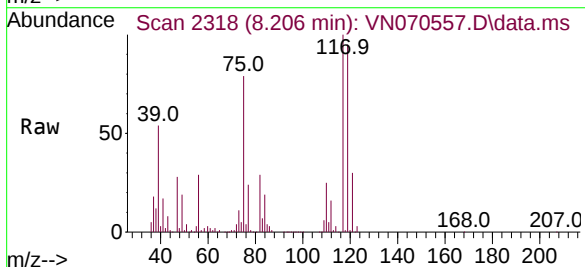
Tgt Ion: 117 Resp: 687152

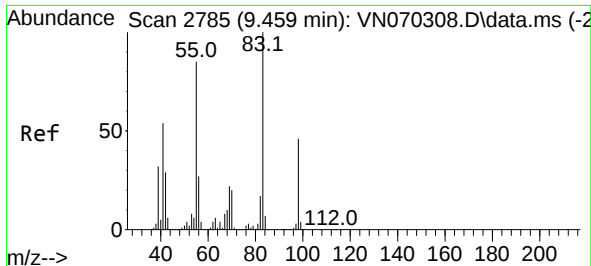
Ion Ratio Lower Upper

117 100

119 95.5 76.1 114.1

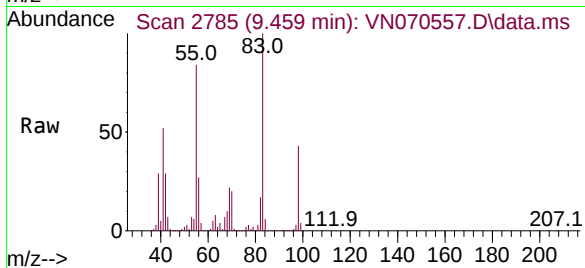
121 29.9 24.2 36.2



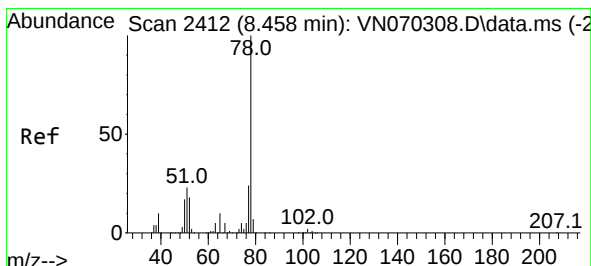
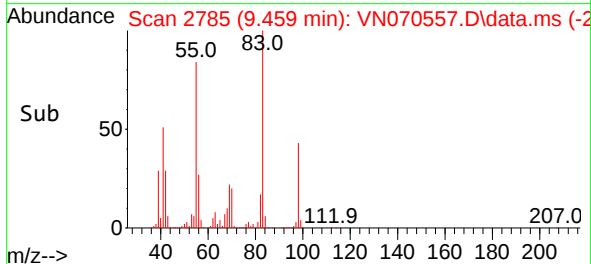
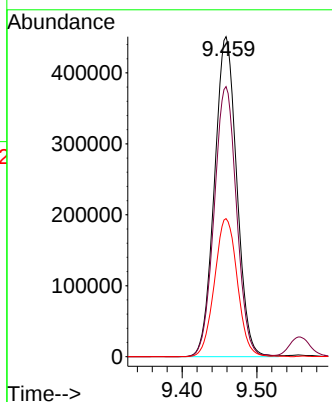


#39  
Methylcyclohexane  
Concen: 43.002 ug/l  
RT: 9.459 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

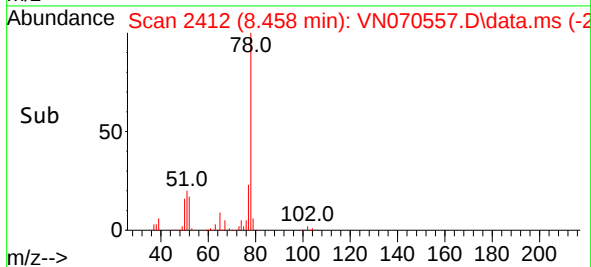
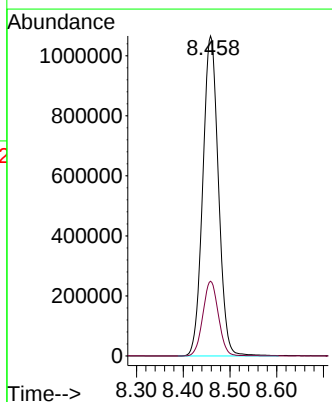
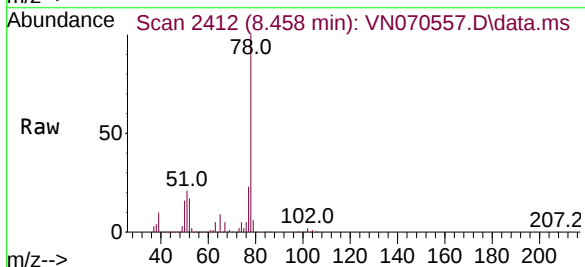


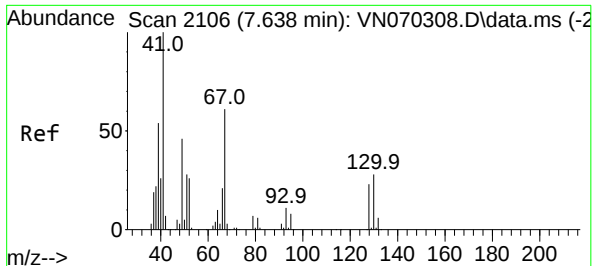
Tgt Ion: 83 Resp: 937526  
Ion Ratio Lower Upper  
83 100  
55 84.4 58.1 87.1  
98 43.1 38.4 57.6



#40  
Benzene  
Concen: 44.894 ug/l  
RT: 8.458 min Scan# 2412  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

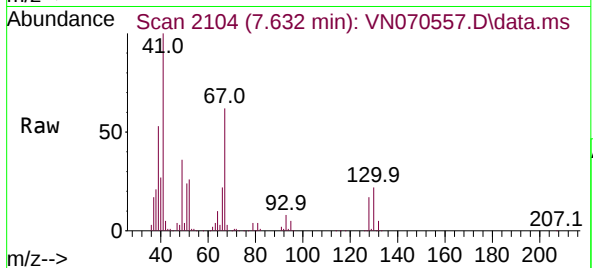
Tgt Ion: 78 Resp: 2478538  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.6 27.8



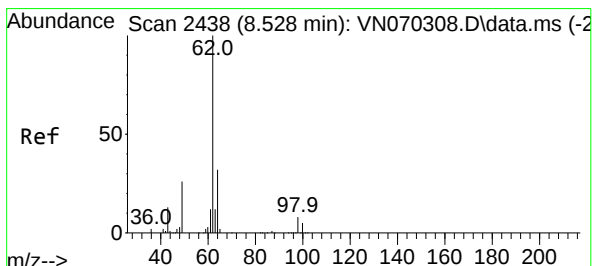
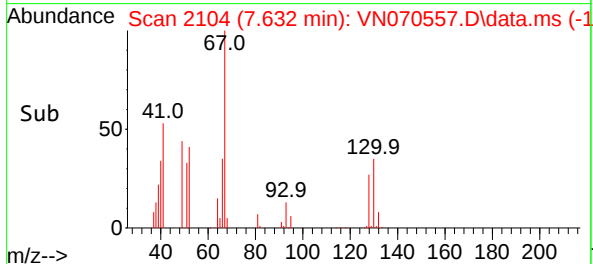
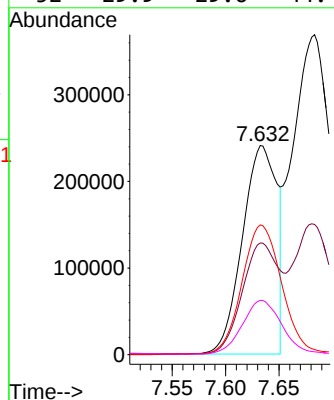


#41  
Methacrylonitrile  
Concen: 46.404 ug/l  
RT: 7.632 min Scan# 2104  
Delta R.T. -0.006 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

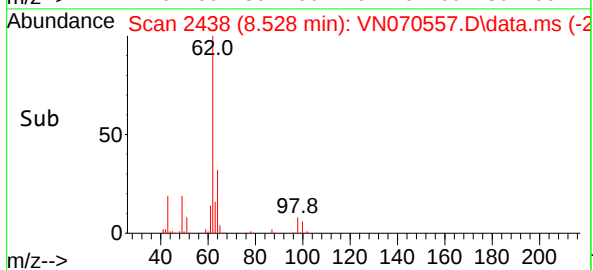
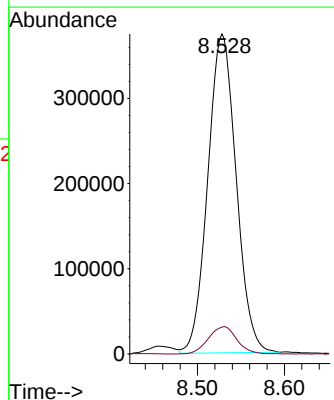
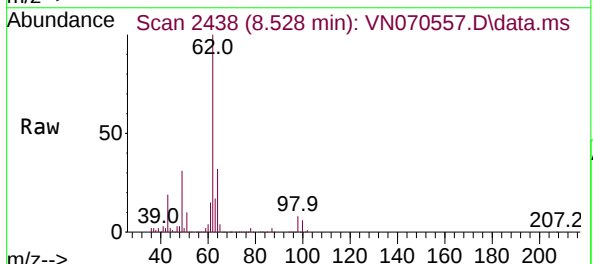


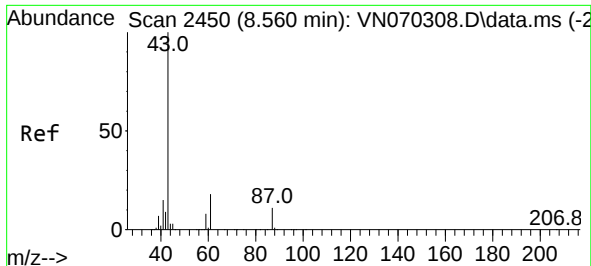
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 541784 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 58.7  | 48.1  | 72.1   |
| 67       | 70.5  | 68.3  | 102.5  |
| 52       | 29.9  | 29.6  | 44.4   |



#42  
1,2-Dichloroethane  
Concen: 40.896 ug/l  
RT: 8.528 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

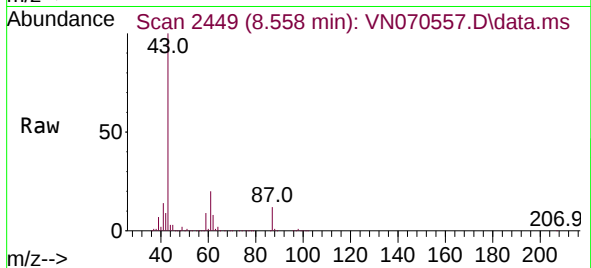
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 848663 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.6   | 0.0   | 17.6   |



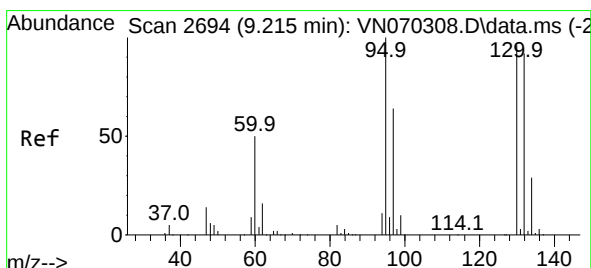
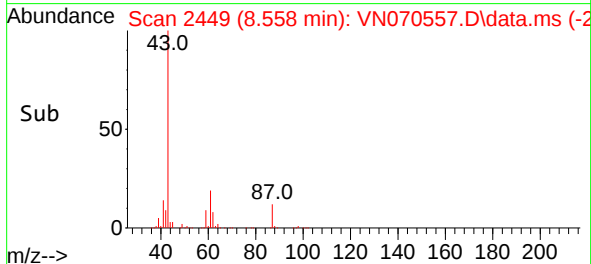
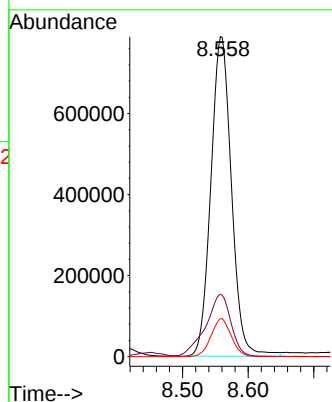


#43  
Isopropyl Acetate  
Concen: 46.697 ug/l  
RT: 8.558 min Scan# 2449  
Delta R.T. -0.002 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

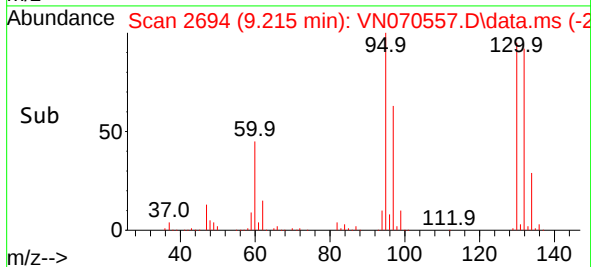
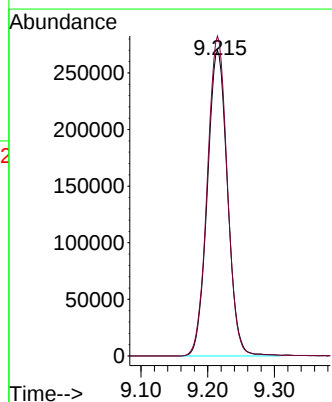
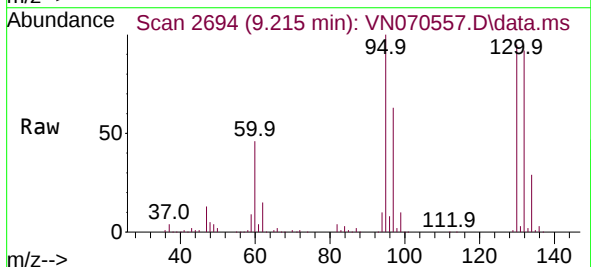


Tgt Ion: 43 Resp: 1718535  
Ion Ratio Lower Upper  
43 100  
61 24.0 20.4 30.6  
87 11.7 11.2 16.8



#44  
Trichloroethene  
Concen: 43.098 ug/l  
RT: 9.215 min Scan# 2694  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion:130 Resp: 565367  
Ion Ratio Lower Upper  
130 100  
95 104.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.835 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

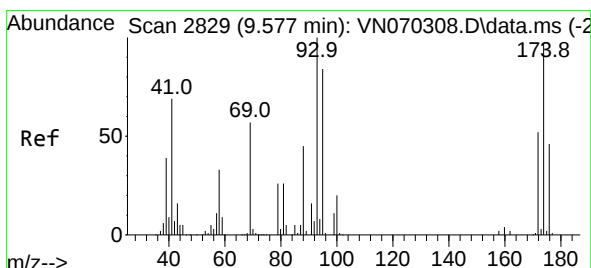
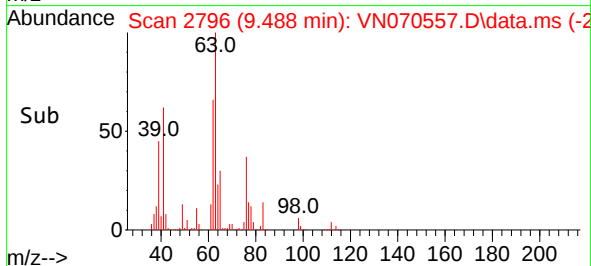
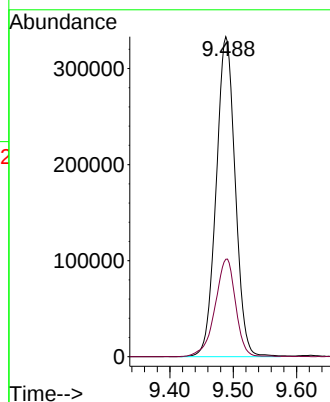
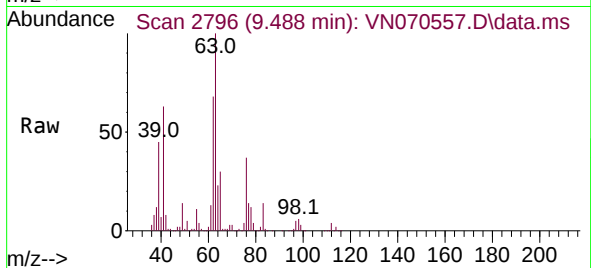
ClientSampleId :

Tgt Ion: 63 Resp: 696189

Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



#46

Dibromomethane

Concen: 43.492 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

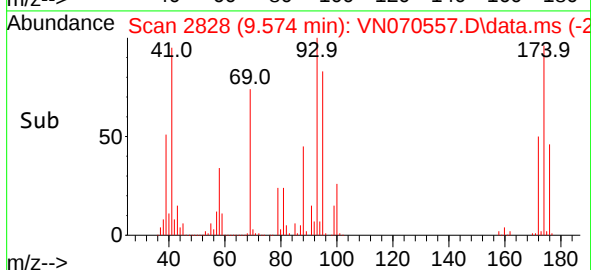
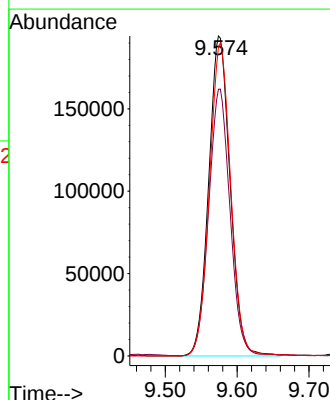
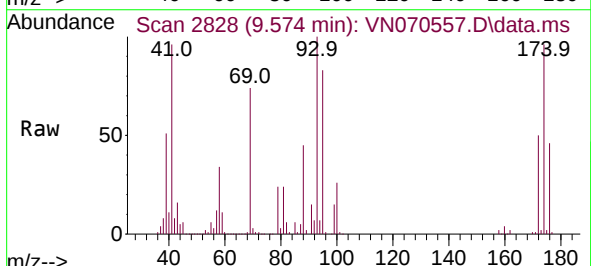
Tgt Ion: 93 Resp: 402009

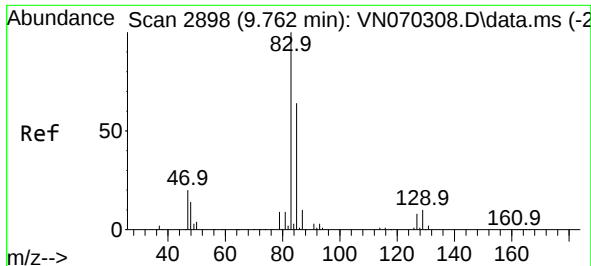
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 96.9 84.6 127.0

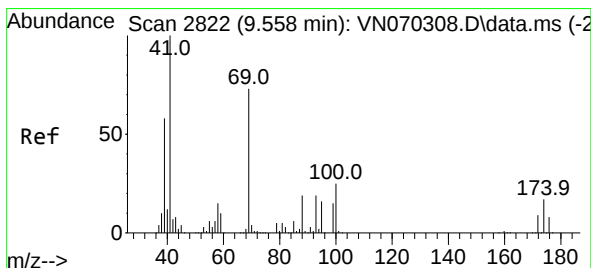
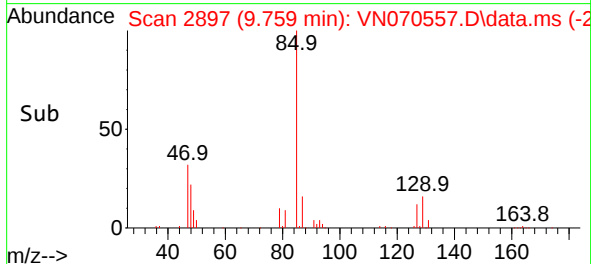
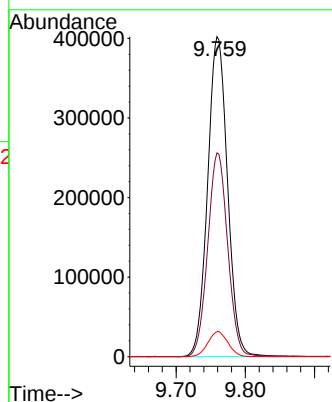
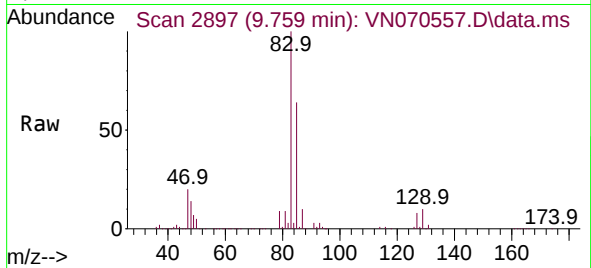




#47  
Bromodichloromethane  
Concen: 43.795 ug/l  
RT: 9.759 min Scan# 2897  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

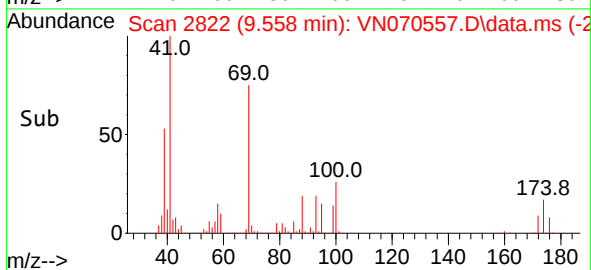
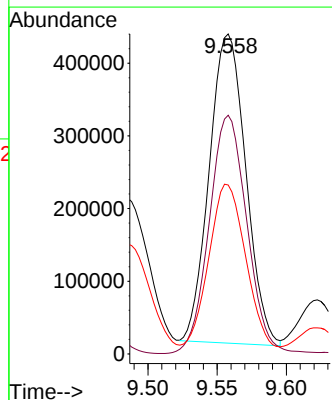
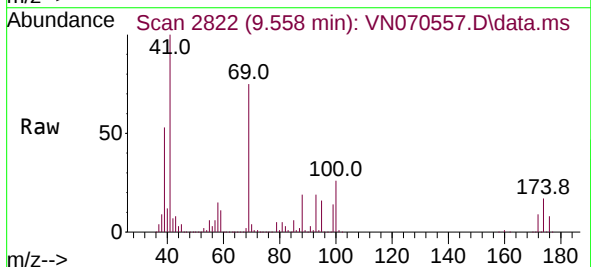
Instrument :  
MSVOA\_N  
ClientSampleId :

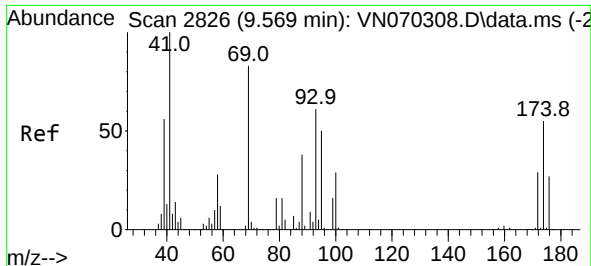
Tgt Ion: 83 Resp: 803788  
Ion Ratio Lower Upper  
83 100  
85 63.7 50.9 76.3  
127 7.8 7.1 10.7



#48  
Methyl methacrylate  
Concen: 44.524 ug/l  
RT: 9.558 min Scan# 2822  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 41 Resp: 781581  
Ion Ratio Lower Upper  
41 100  
69 79.5 72.4 108.6  
39 56.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 842.387 ug/l

RT: 9.566 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

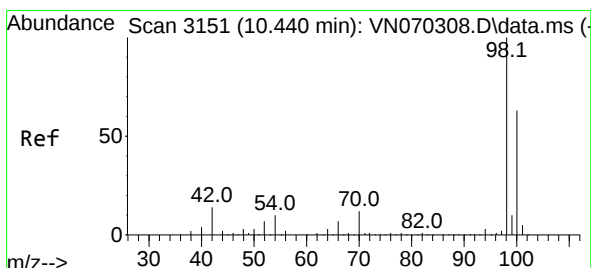
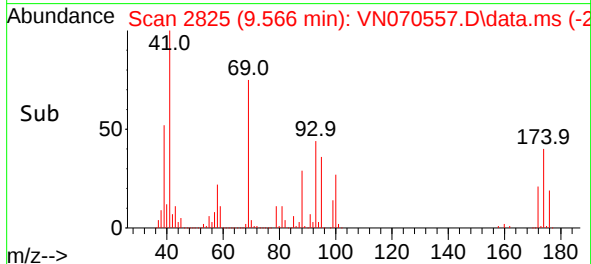
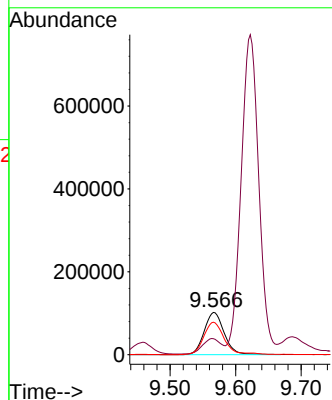
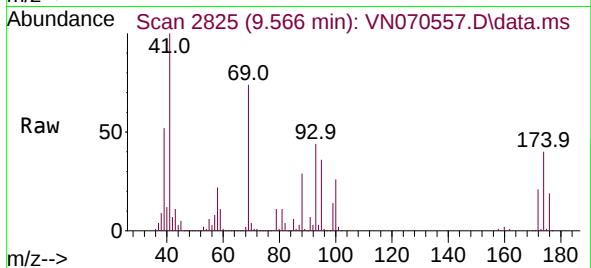
Tgt Ion: 88 Resp: 216462

Ion Ratio Lower Upper

88 100

43 34.5 23.4 35.2

58 76.6 50.6 75.8#



#50

Toluene-d8

Concen: 46.125 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070557.D

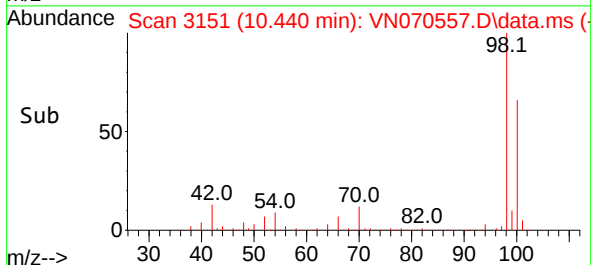
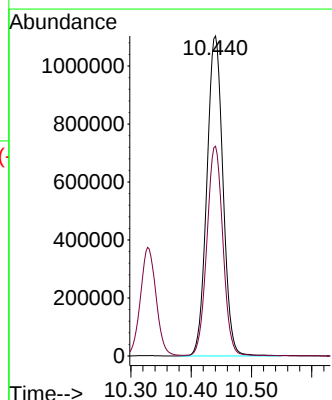
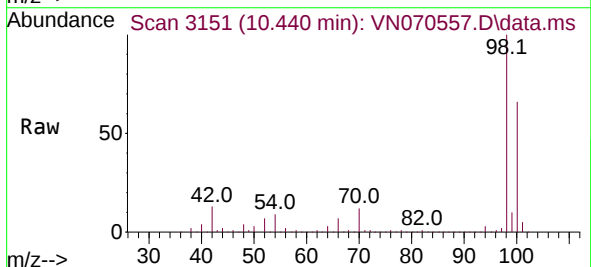
Acq: 10 Jan 2022 21:06

Tgt Ion: 98 Resp: 2051183

Ion Ratio Lower Upper

98 100

100 64.8 50.4 75.6

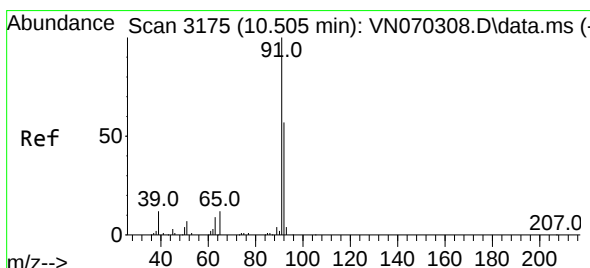
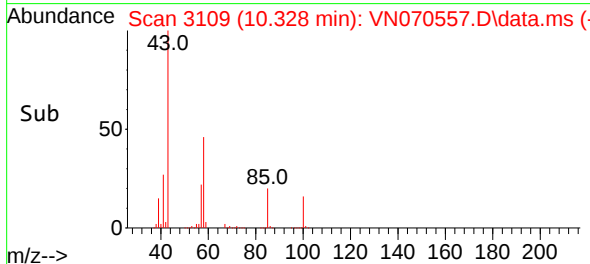
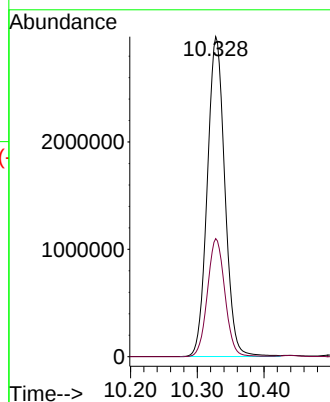
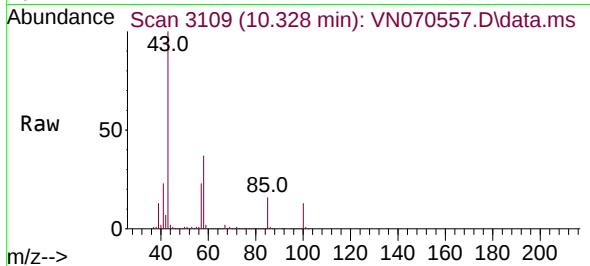




#51  
4-Methyl-2-Pentanone  
Concen: 235.246 ug/l  
RT: 10.328 min Scan# 3110  
Delta R.T. -0.002 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

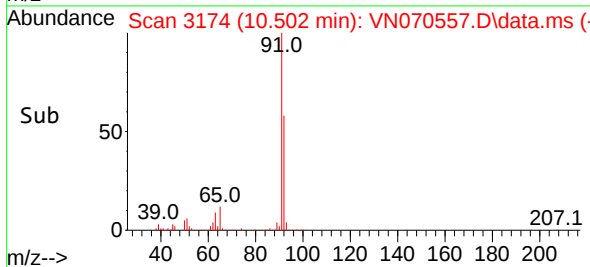
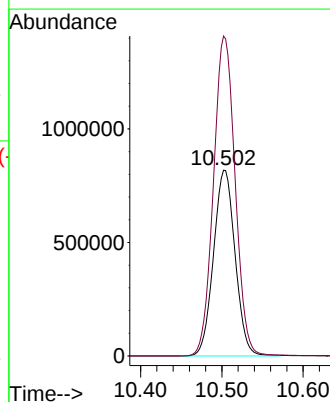
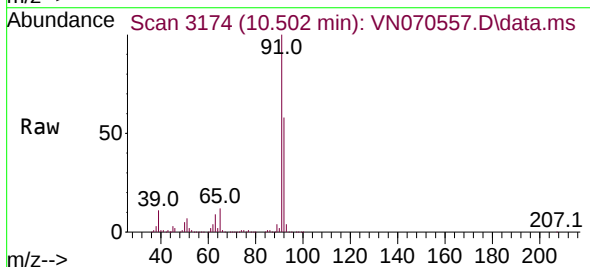
Instrument :  
MSVOA\_N  
ClientSampleId :

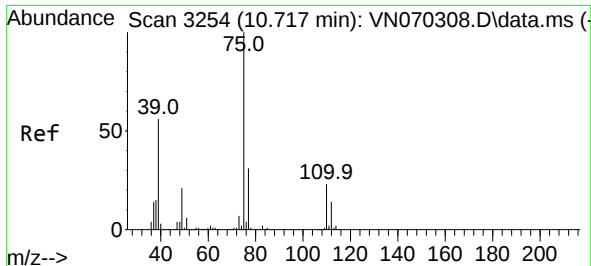
Tgt Ion: 43 Resp: 5440075  
Ion Ratio Lower Upper  
43 100  
58 36.8 30.4 45.6



#52  
Toluene  
Concen: 45.150 ug/l  
RT: 10.502 min Scan# 3174  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

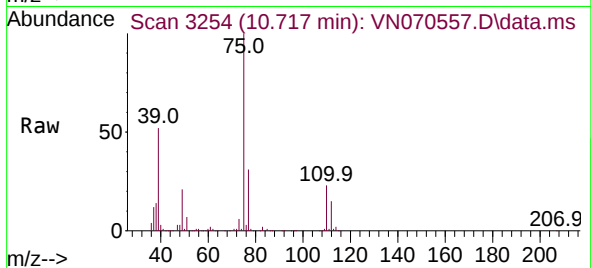
Tgt Ion: 92 Resp: 1508818  
Ion Ratio Lower Upper  
92 100  
91 173.3 142.0 213.0



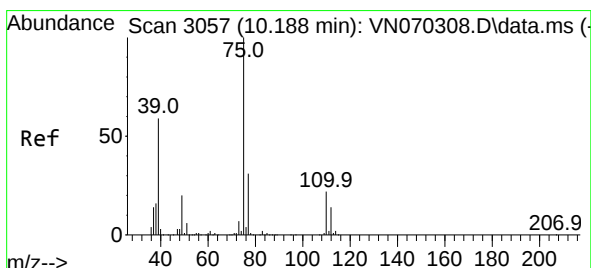
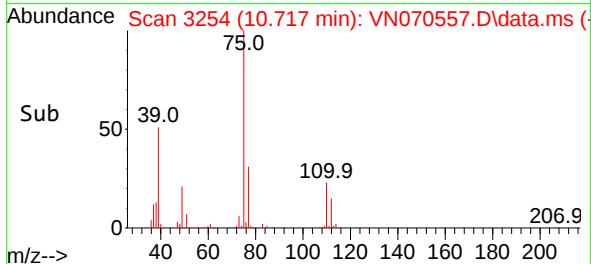
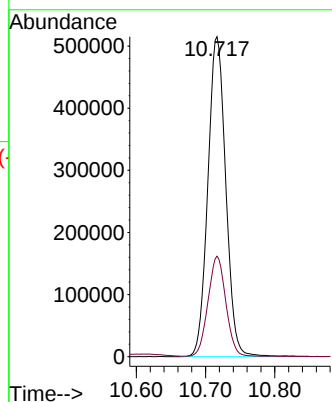


#53  
t-1,3-Dichloropropene  
Concen: 46.548 ug/l  
RT: 10.717 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

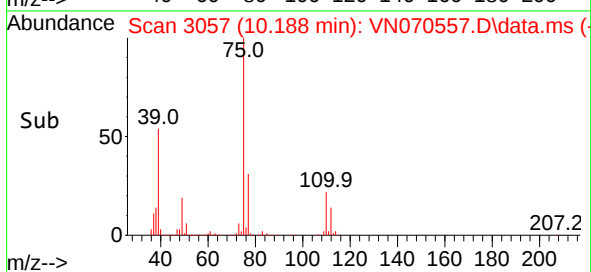
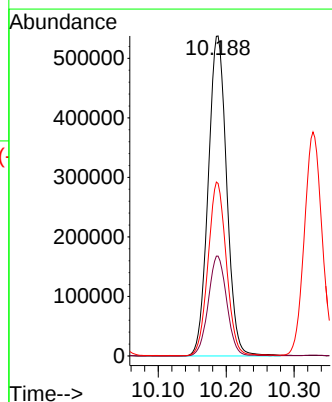
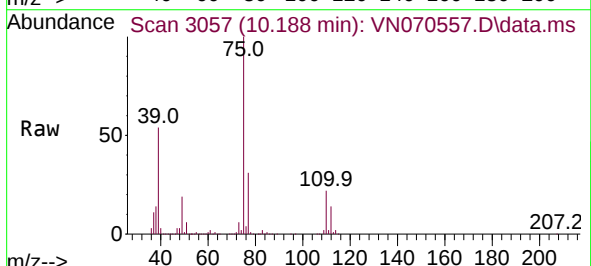


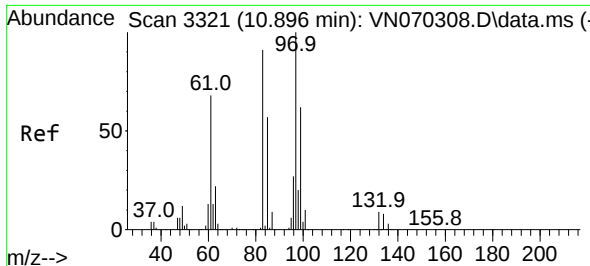
Tgt Ion: 75 Resp: 924864  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 47.263 ug/l  
RT: 10.188 min Scan# 3057  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 75 Resp: 1015844  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.4 39.6  
39 53.8 42.5 63.7

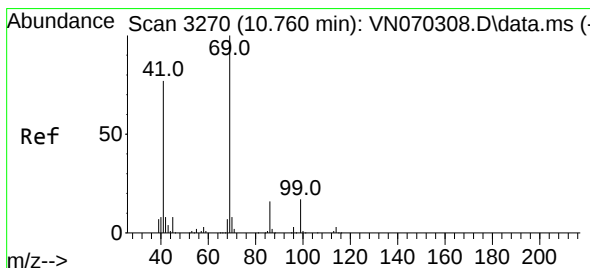
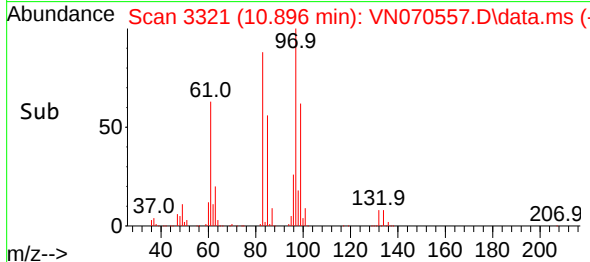
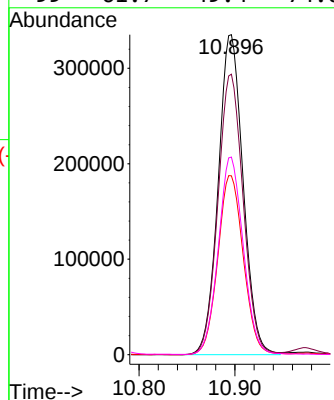
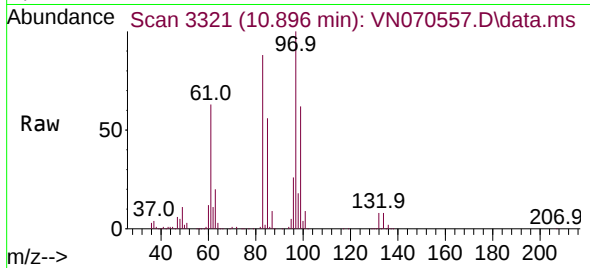




#55  
1,1,2-Trichloroethane  
Concen: 45.665 ug/l  
RT: 10.896 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

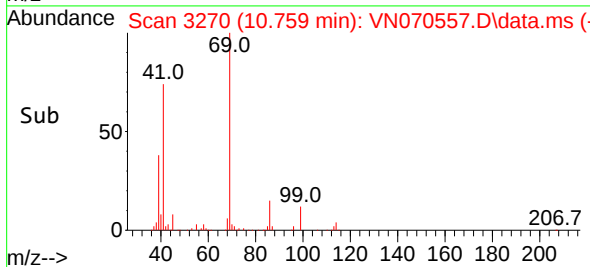
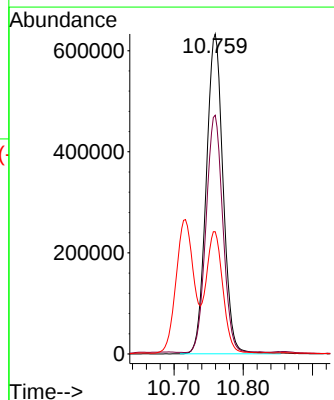
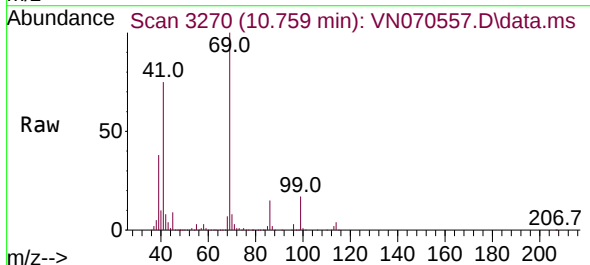
Instrument :  
MSVOA\_N  
ClientSampleId :

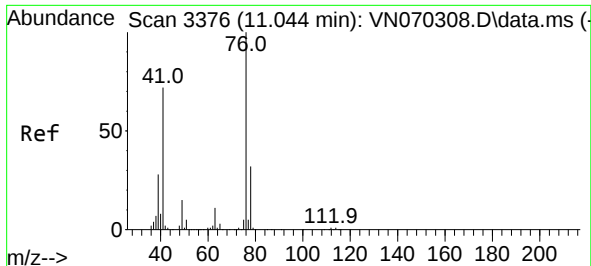
Tgt Ion: 97 Resp: 603786  
Ion Ratio Lower Upper  
97 100  
83 87.6 67.8 101.6  
85 55.9 45.4 68.2  
99 61.7 49.4 74.0



#56  
Ethyl methacrylate  
Concen: 48.936 ug/l  
RT: 10.759 min Scan# 3270  
Delta R.T. -0.001 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 69 Resp: 1069108  
Ion Ratio Lower Upper  
69 100  
41 74.0 51.4 77.0  
39 37.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 46.100 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

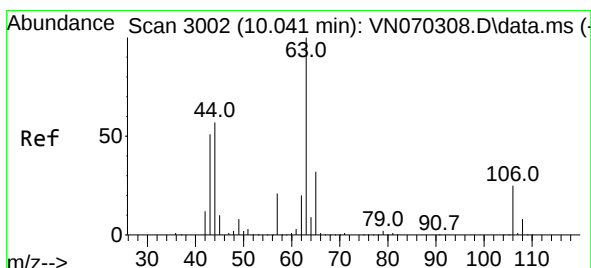
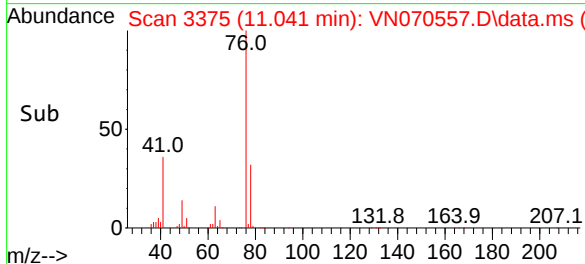
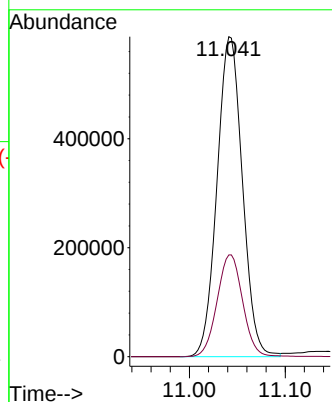
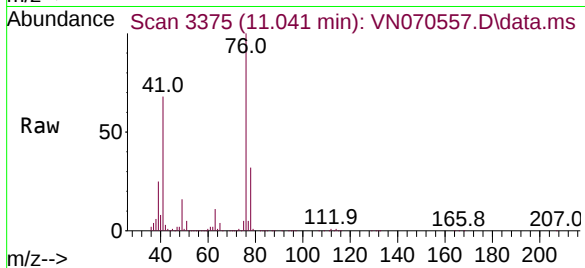
ClientSampleId :

Tgt Ion: 76 Resp: 1078094

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 374.546 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070557.D

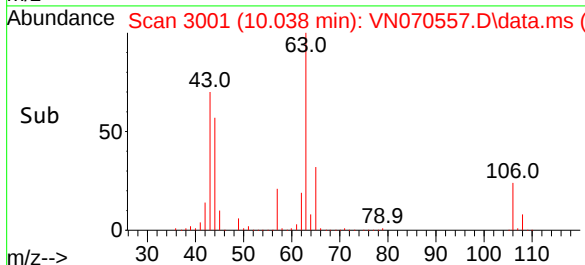
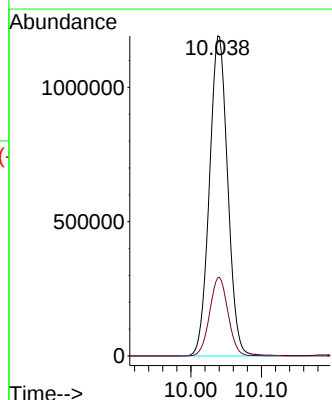
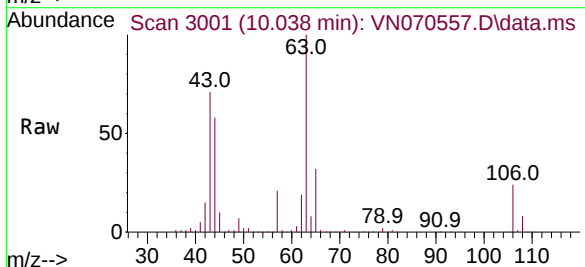
Acq: 10 Jan 2022 21:06

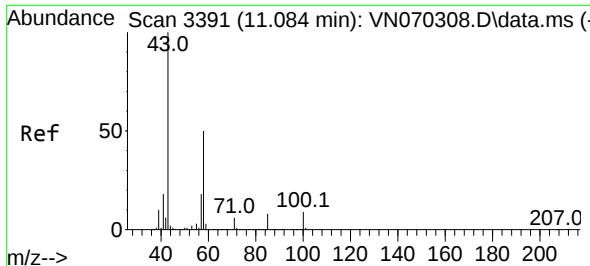
Tgt Ion: 63 Resp: 2145715

Ion Ratio Lower Upper

63 100

106 24.7 23.9 35.9

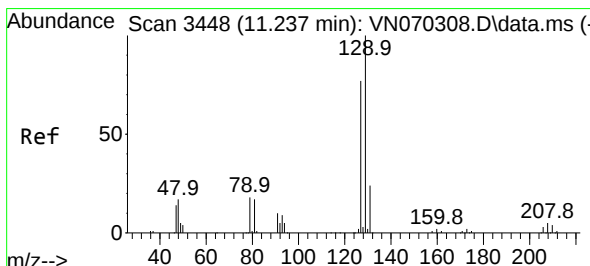
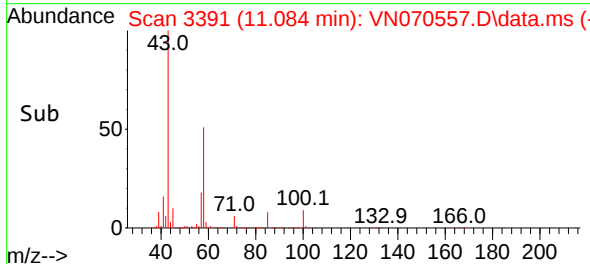
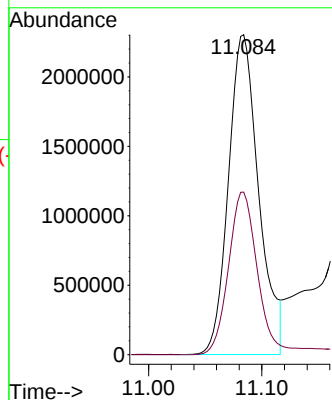
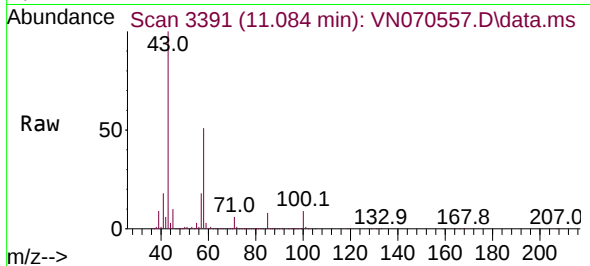




#59  
2-Hexanone  
Concen: 253.424 ug/l  
RT: 11.084 min Scan# 3391  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

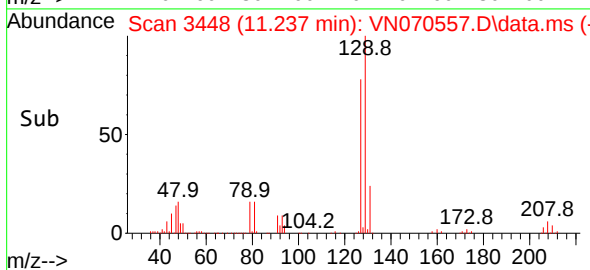
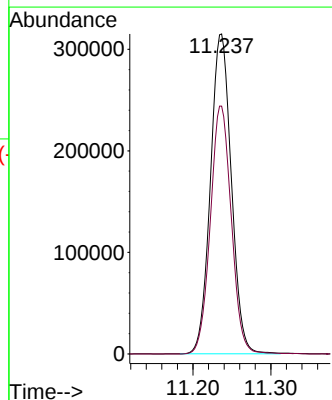
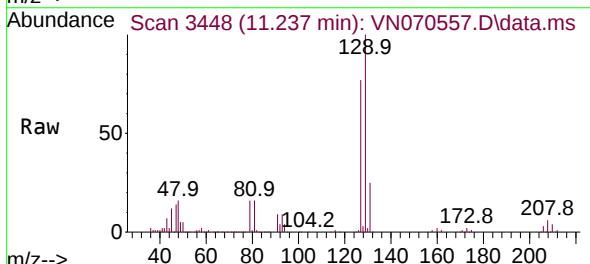
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 4273702  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.9 80.7



#60  
Dibromochloromethane  
Concen: 45.451 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 129 Resp: 586340  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 116.0

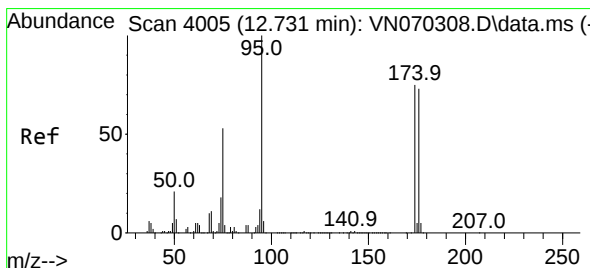
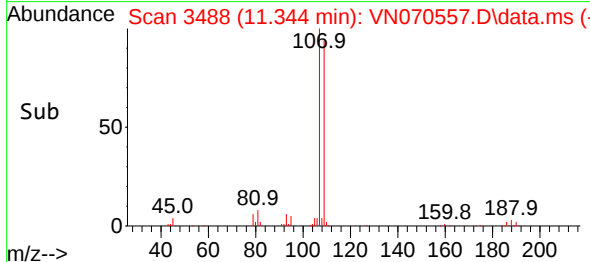
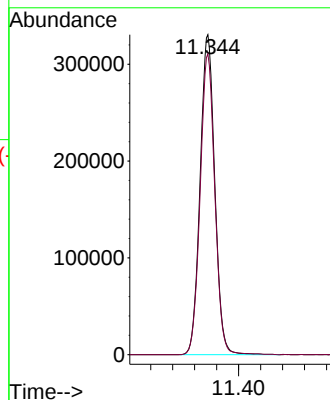
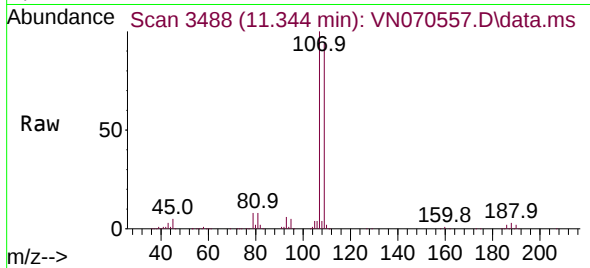




#61  
1,2-Dibromoethane  
Concen: 45.602 ug/l  
RT: 11.344 min Scan# 3488  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

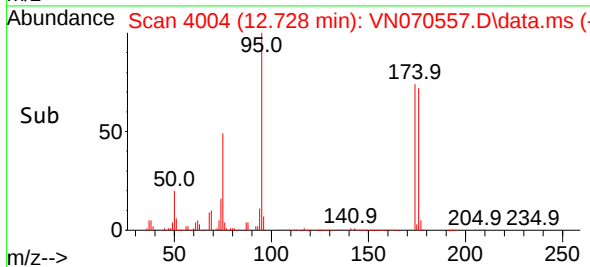
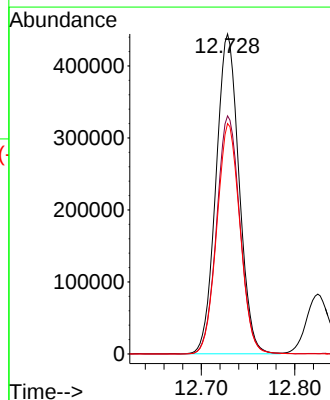
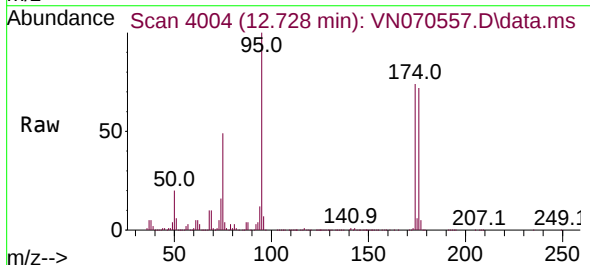
Instrument :  
MSVOA\_N  
ClientSampleId :

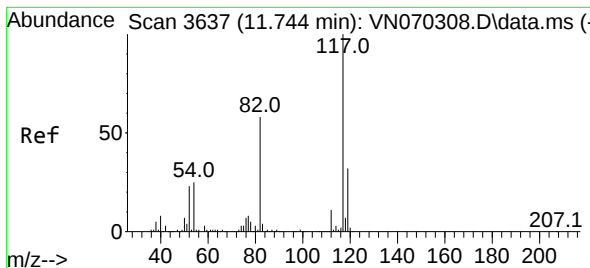
Tgt Ion:107 Resp: 612220  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.7 113.5



#62  
4-Bromofluorobenzene  
Concen: 47.417 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 95 Resp: 761588  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 187.2  
176 72.5 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3

Delta R.T. -0.003 min

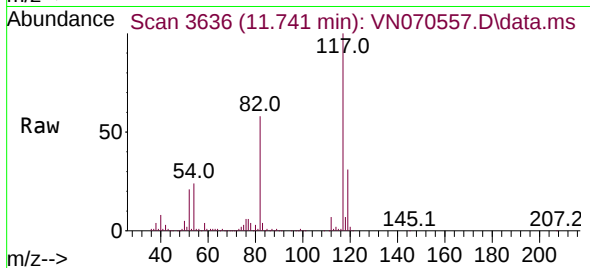
Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :



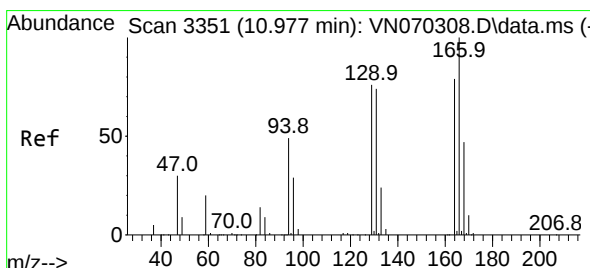
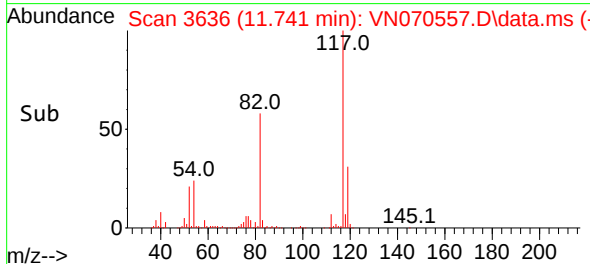
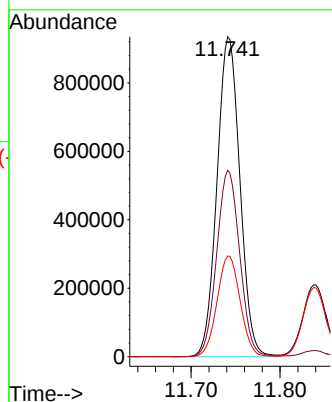
Tgt Ion:117 Resp: 1674353

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 39.895 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Tgt Ion:164 Resp: 483718

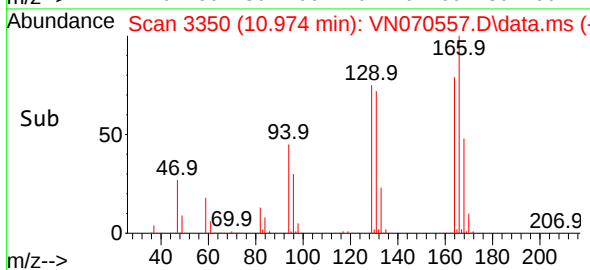
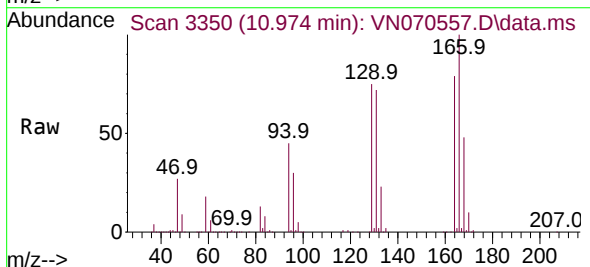
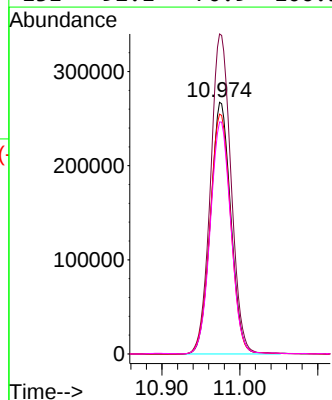
Ion Ratio Lower Upper

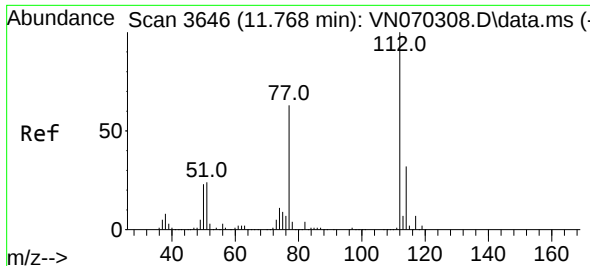
164 100

166 127.2 101.9 152.9

129 95.3 72.0 108.0

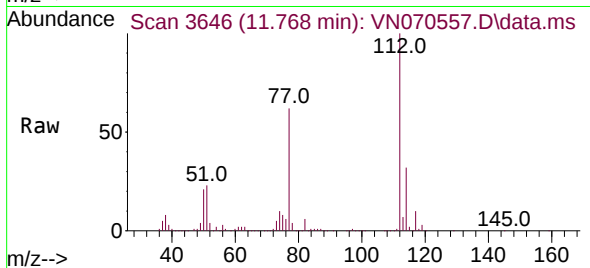
131 92.1 70.9 106.3



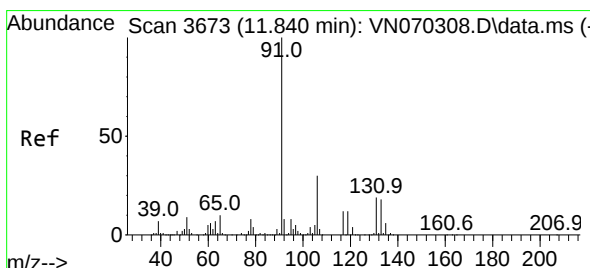
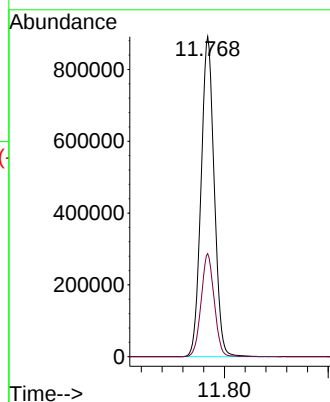
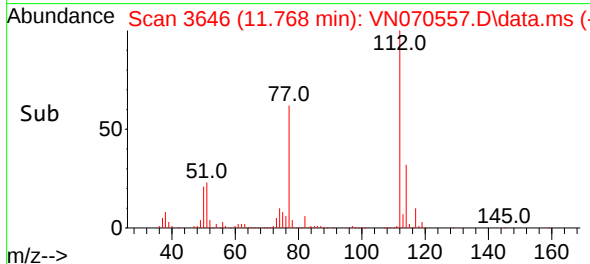


#65  
Chlorobenzene  
Concen: 44.144 ug/l  
RT: 11.768 min Scan# 3646  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

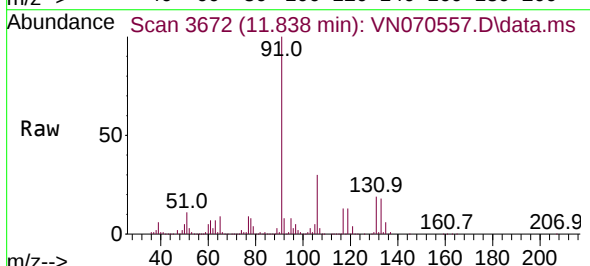
Instrument :  
MSVOA\_N  
ClientSampleId :



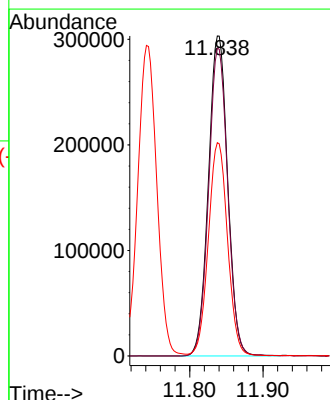
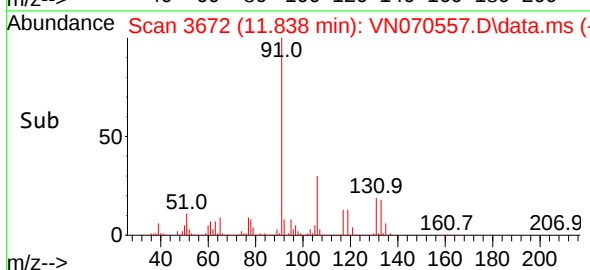
Tgt Ion:112 Resp: 1568269  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.0

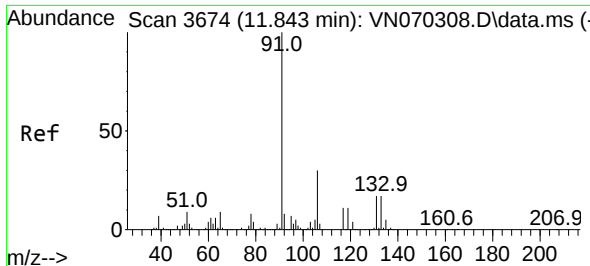


#66  
1,1,1,2-Tetrachloroethane  
Concen: 43.717 ug/l  
RT: 11.838 min Scan# 3672  
Delta R.T. -0.002 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06



Tgt Ion:131 Resp: 554453  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.9 143.7  
119 66.2 32.1 96.5

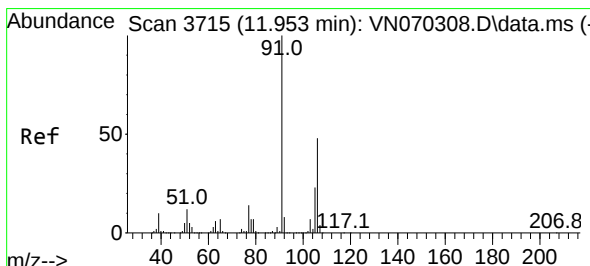
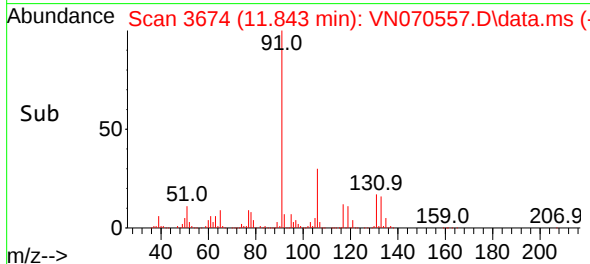
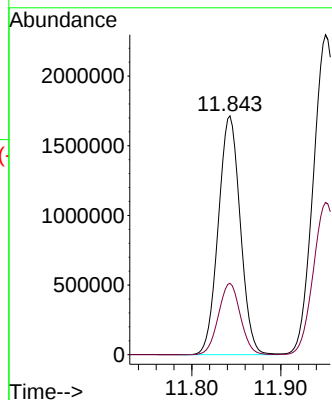
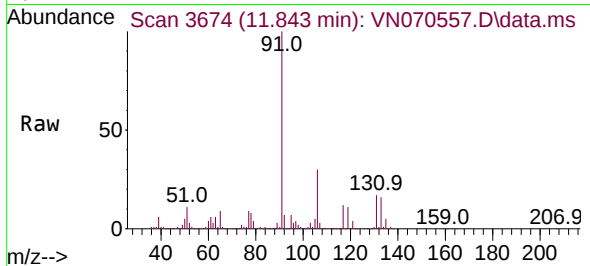




#67  
Ethyl Benzene  
Concen: 45.214 ug/l  
RT: 11.843 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

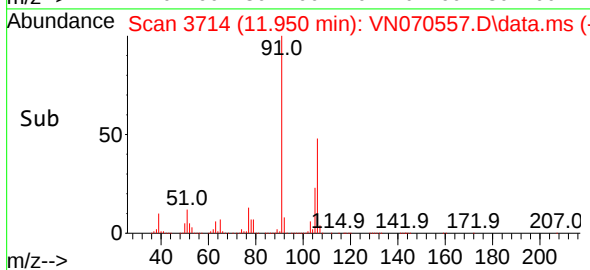
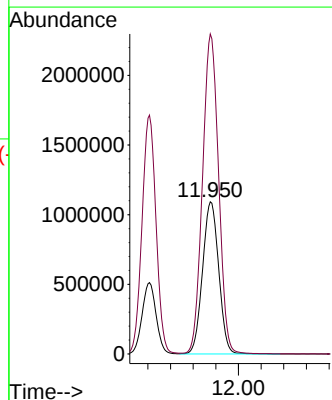
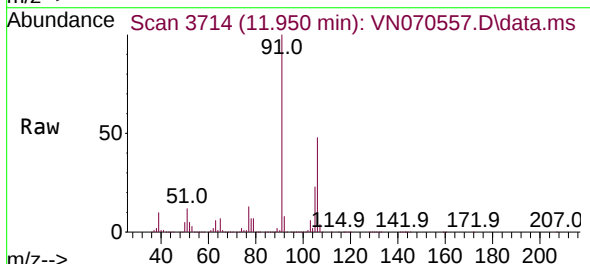
Instrument :  
MSVOA\_N  
ClientSampleId :

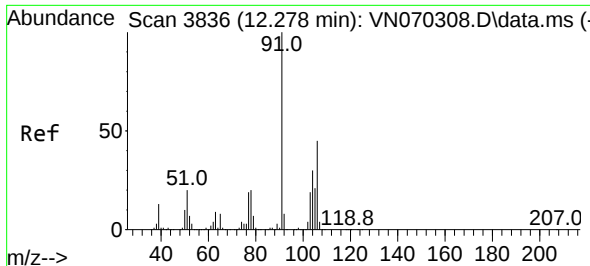
Tgt Ion: 91 Resp: 2943050  
Ion Ratio Lower Upper  
91 100  
106 29.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 91.235 ug/l  
RT: 11.950 min Scan# 3714  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion:106 Resp: 2161709  
Ion Ratio Lower Upper  
106 100  
91 209.1 160.6 240.8

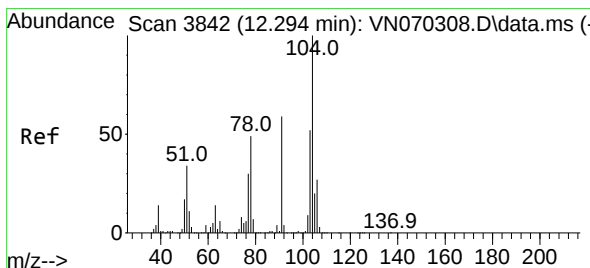
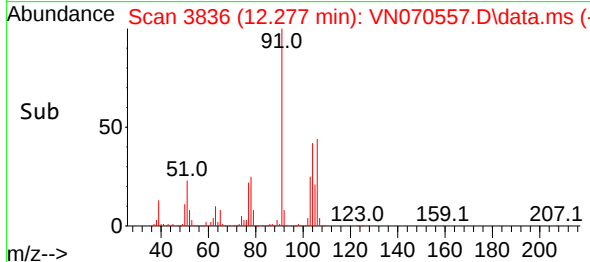
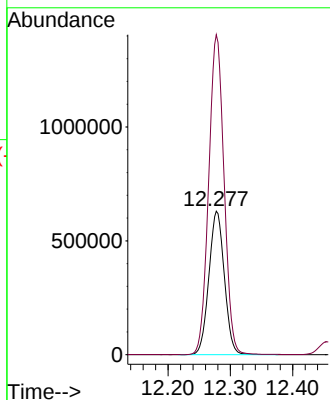
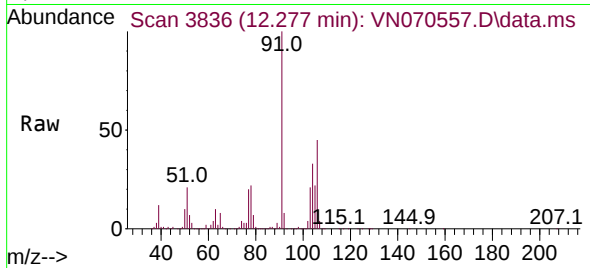




#69  
o-Xylene  
Concen: 46.054 ug/l  
RT: 12.277 min Scan# 3836  
Delta R.T. -0.001 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

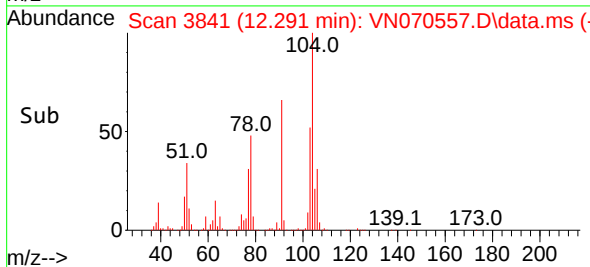
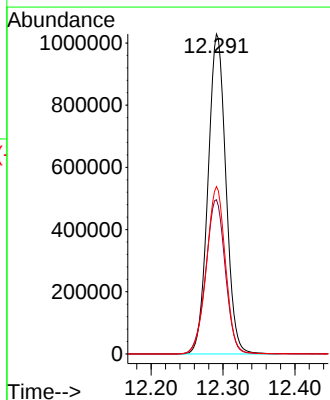
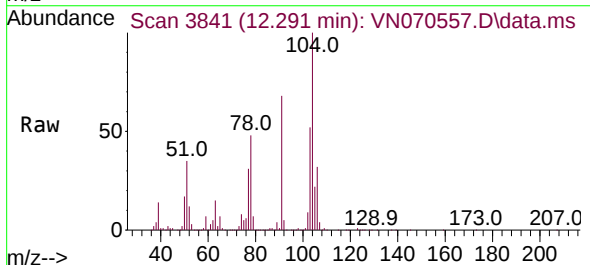
Instrument :  
MSVOA\_N  
ClientSampleId :

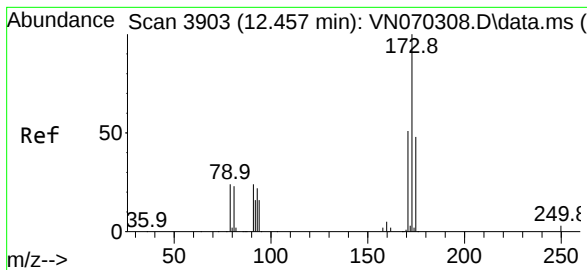
Tgt Ion:106 Resp: 1085368  
Ion Ratio Lower Upper  
106 100  
91 221.7 105.8 317.3



#70  
Styrene  
Concen: 47.799 ug/l  
RT: 12.291 min Scan# 3841  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion:104 Resp: 1782923  
Ion Ratio Lower Upper  
104 100  
78 52.7 38.7 58.1  
103 55.6 45.0 67.6





#71

Bromoform

Concen: 44.950 ug/l

RT: 12.454 min Scan# 3902

Delta R.T. -0.003 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

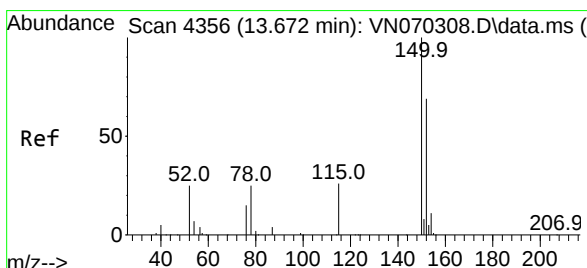
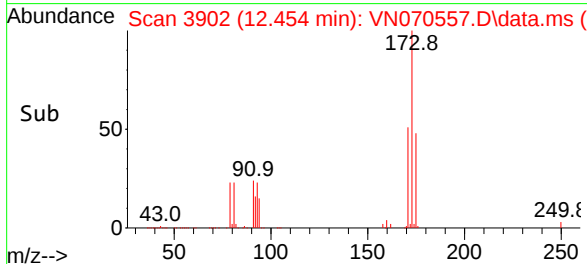
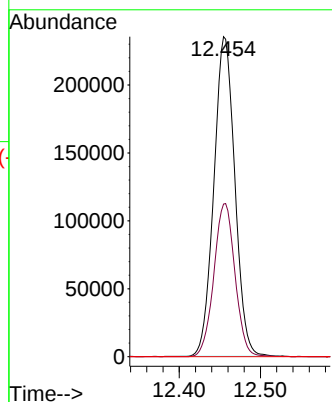
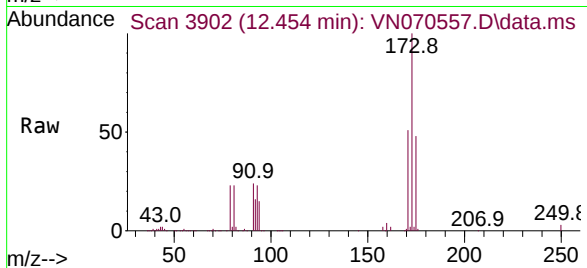
Tgt Ion:173 Resp: 423097

Ion Ratio Lower Upper

173 100

175 48.2 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

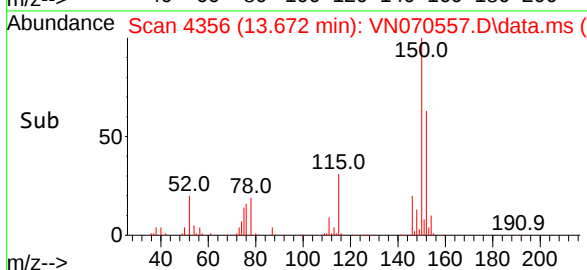
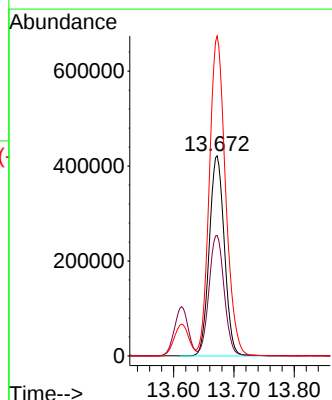
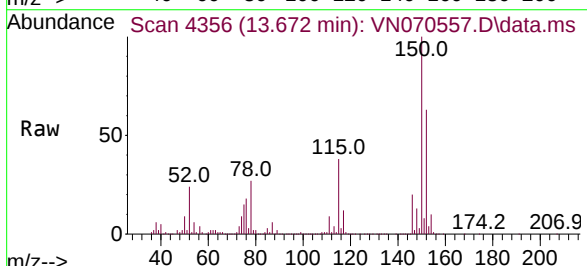
Tgt Ion:152 Resp: 733227

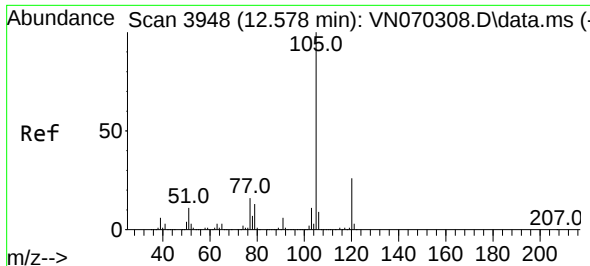
Ion Ratio Lower Upper

152 100

115 60.0 27.5 82.5

150 171.8 0.0 344.4

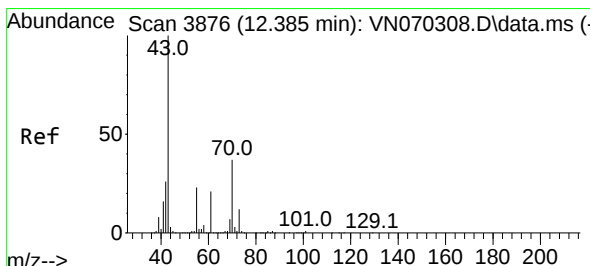
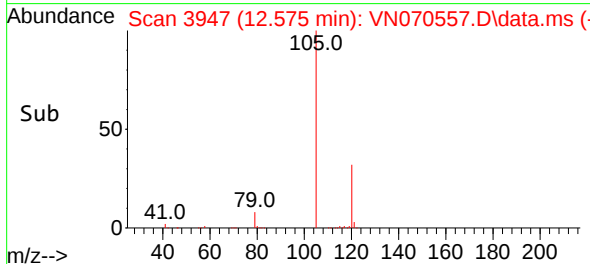
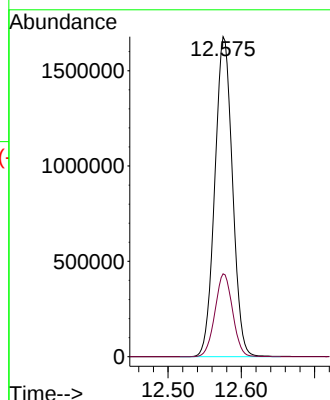
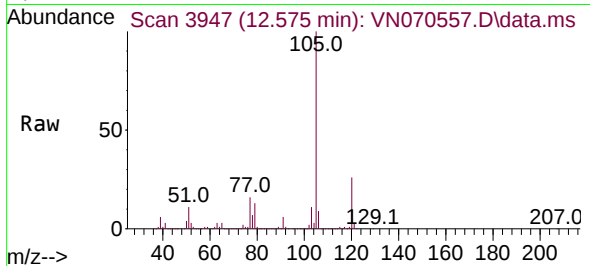




#73  
Isopropylbenzene  
Concen: 41.230 ug/l  
RT: 12.575 min Scan# 3948  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

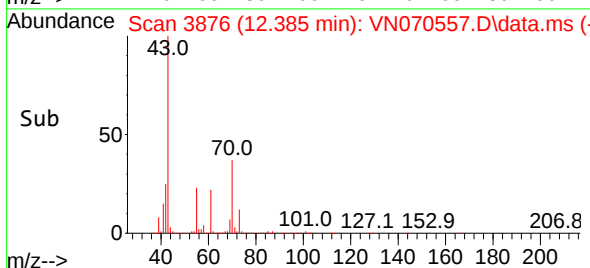
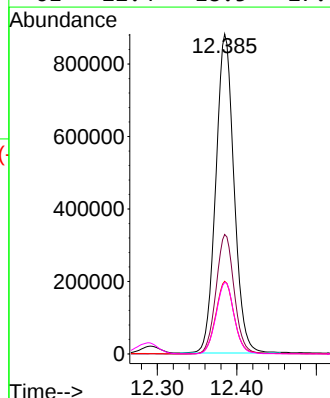
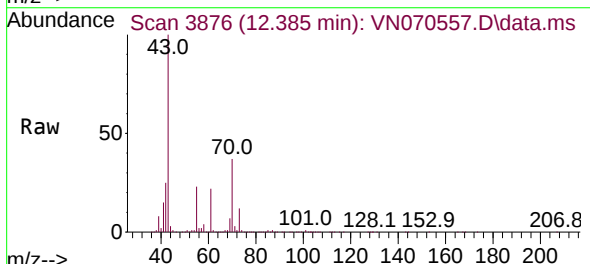
Instrument :  
MSVOA\_N  
ClientSampleId :

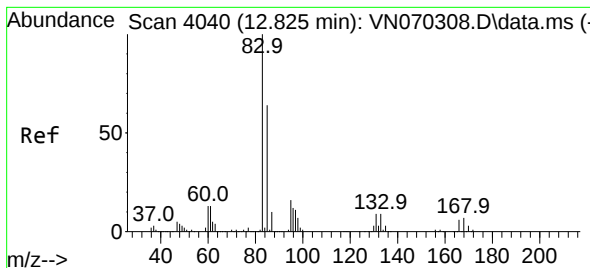
Tgt Ion:105 Resp: 2807412  
Ion Ratio Lower Upper  
105 100  
120 25.9 13.4 40.1



#74  
N-ethyl acetate  
Concen: 48.938 ug/l  
RT: 12.385 min Scan# 3876  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 43 Resp: 1401106  
Ion Ratio Lower Upper  
43 100  
70 37.4 33.4 50.0  
55 22.9 19.3 28.9  
61 22.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 41.734 ug/l

RT: 12.825 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

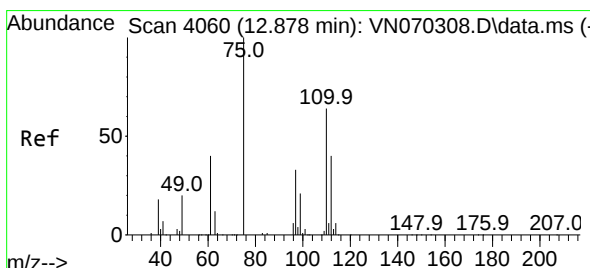
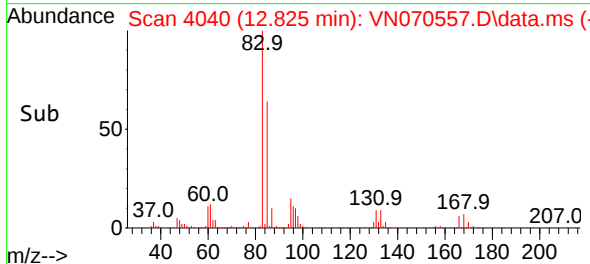
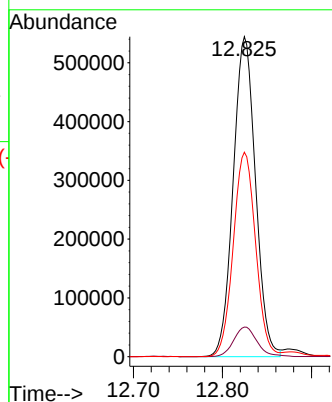
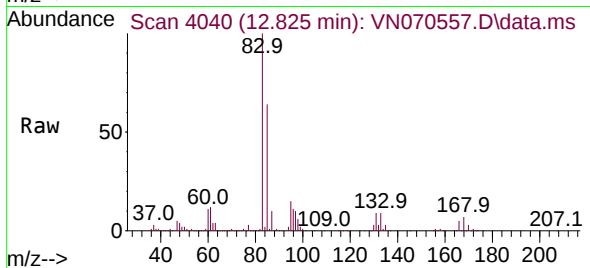
Tgt Ion: 83 Resp: 946908

Ion Ratio Lower Upper

83 100

131 9.8 5.5 16.5

85 64.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 54.171 ug/l

RT: 12.878 min Scan# 4060

Delta R.T. 0.000 min

Lab File: VN070557.D

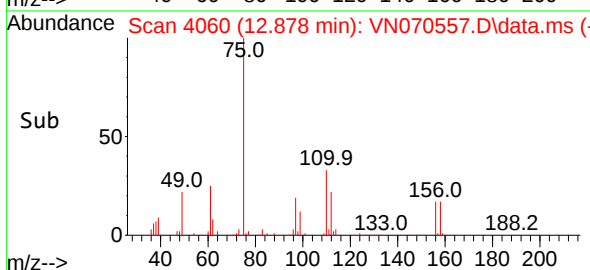
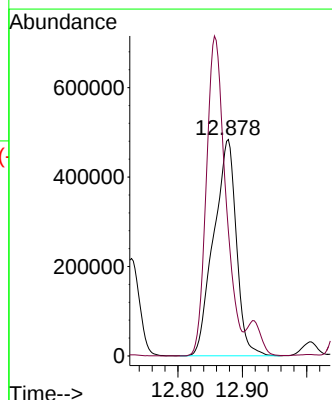
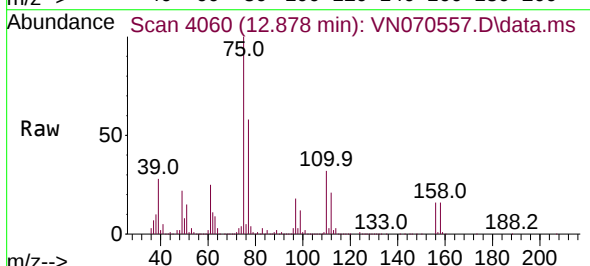
Acq: 10 Jan 2022 21:06

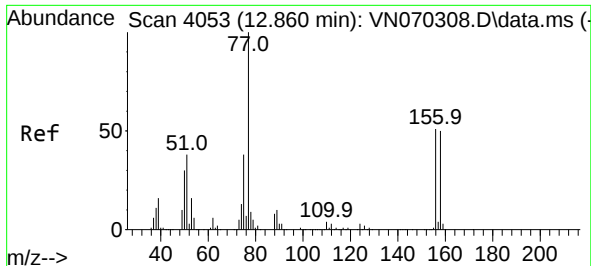
Tgt Ion: 75 Resp: 1181135

Ion Ratio Lower Upper

75 100

77 0.0 82.6 247.8#

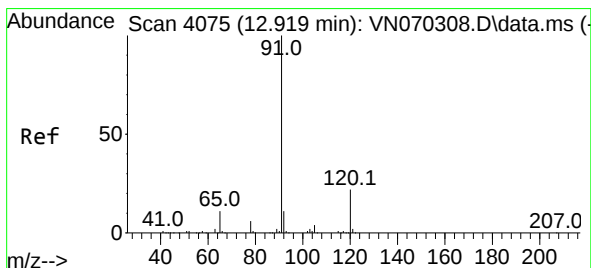
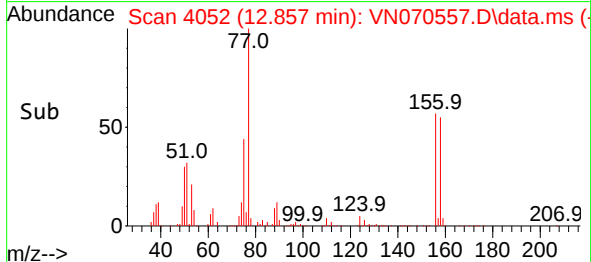
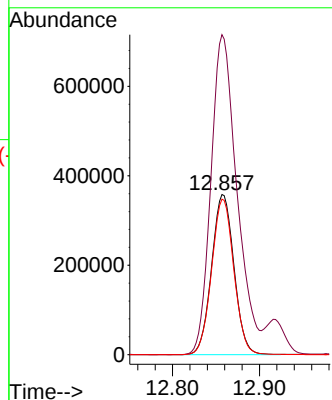
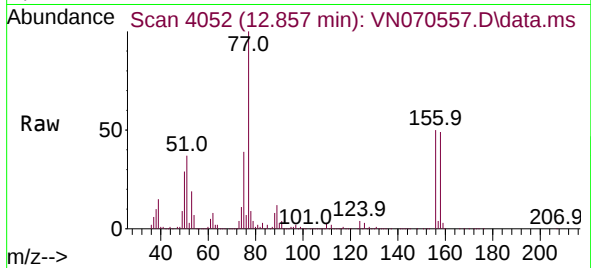




#77  
Bromobenzene  
Concen: 40.921 ug/l  
RT: 12.857 min Scan# 4053  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

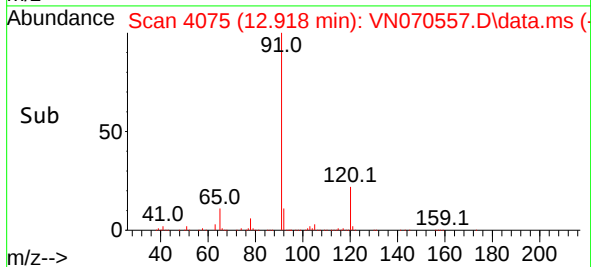
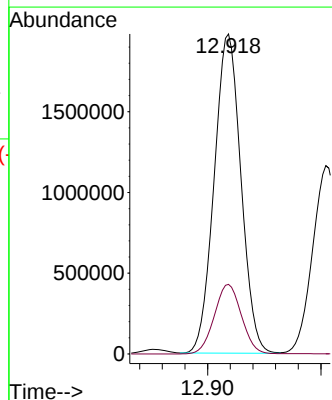
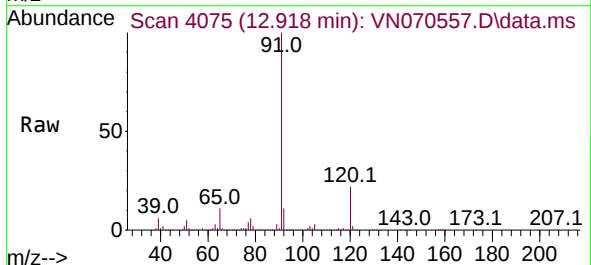
Instrument :  
MSVOA\_N  
ClientSampleId :

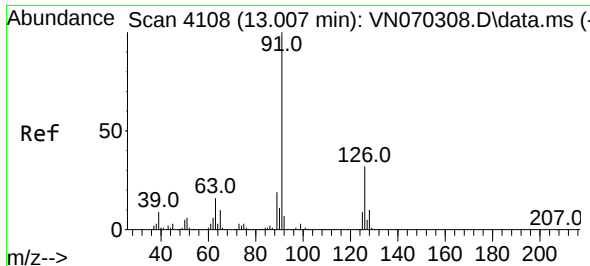
Tgt Ion:156 Resp: 639705  
Ion Ratio Lower Upper  
156 100  
77 232.5 90.6 271.8  
158 96.7 48.9 146.7



#78  
n-propylbenzene  
Concen: 42.949 ug/l  
RT: 12.918 min Scan# 4075  
Delta R.T. -0.001 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 91 Resp: 3240230  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.9

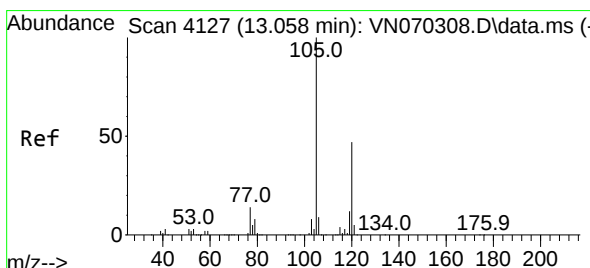
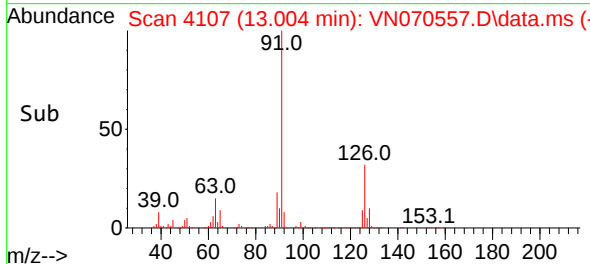
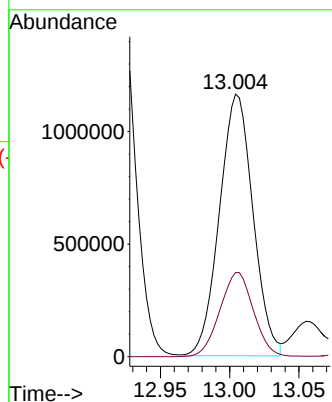
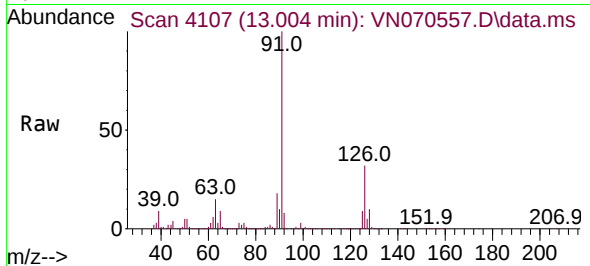




#79  
2-Chlorotoluene  
Concen: 40.543 ug/l  
RT: 13.004 min Scan# 4108  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

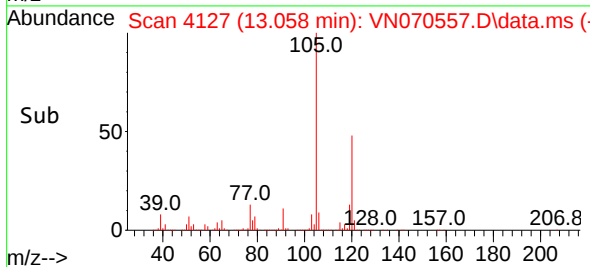
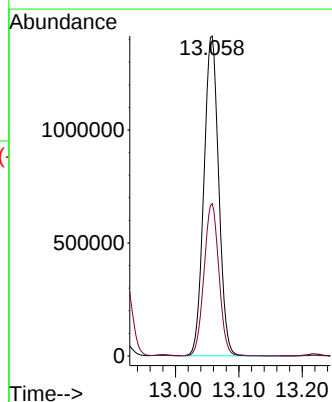
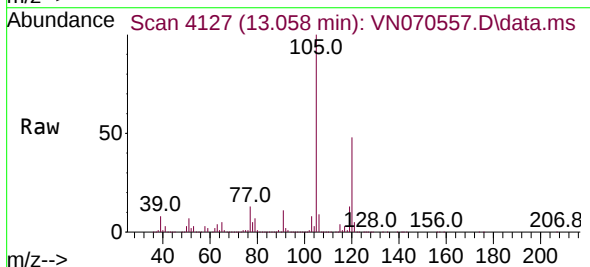
Instrument :  
MSVOA\_N  
ClientSampleId :

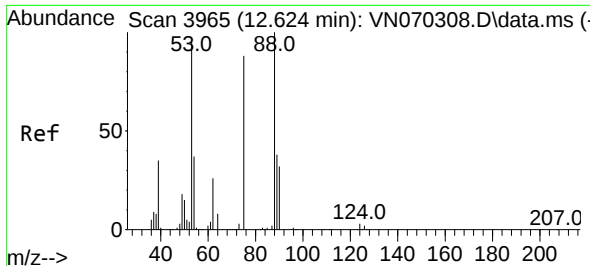
Tgt Ion: 91 Resp: 1962577  
Ion Ratio Lower Upper  
91 100  
126 32.2 18.3 54.8



#80  
1,3,5-Trimethylbenzene  
Concen: 42.166 ug/l  
RT: 13.058 min Scan# 4127  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 105 Resp: 2300802  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.6 73.6

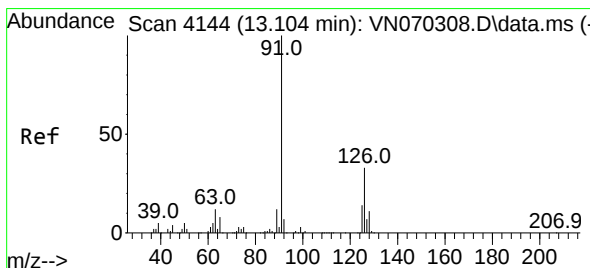
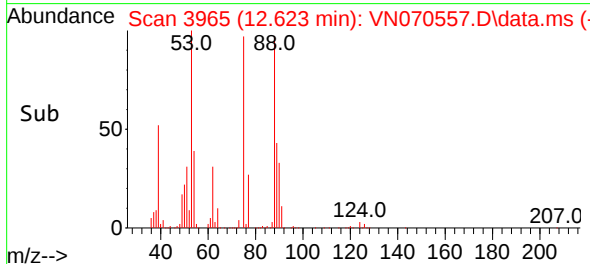
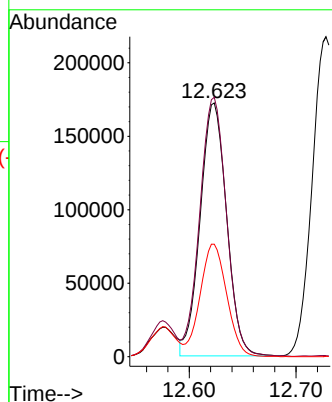
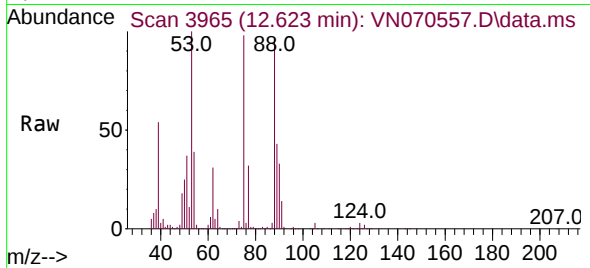




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.337 ug/l  
RT: 12.623 min Scan# 3965  
Delta R.T. -0.001 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

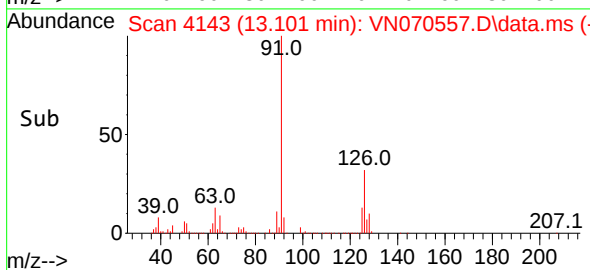
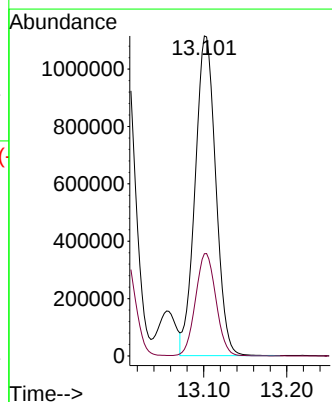
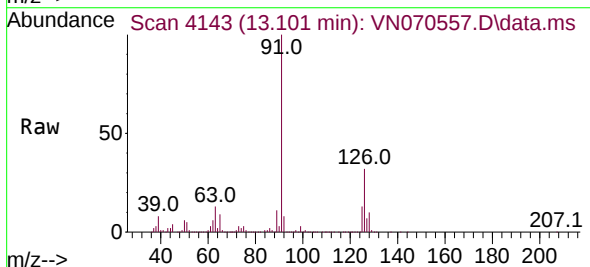
Instrument :  
MSVOA\_N  
ClientSampleId :

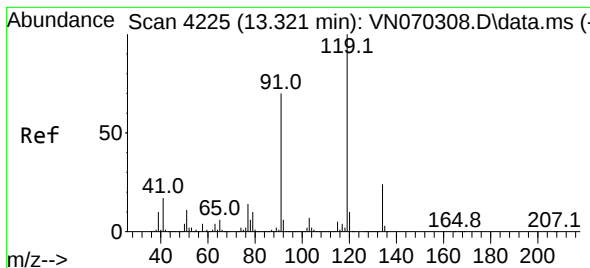
Tgt Ion: 75 Resp: 296087  
Ion Ratio Lower Upper  
75 100  
53 103.7 90.5 135.7  
89 45.0 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 42.390 ug/l  
RT: 13.101 min Scan# 4143  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

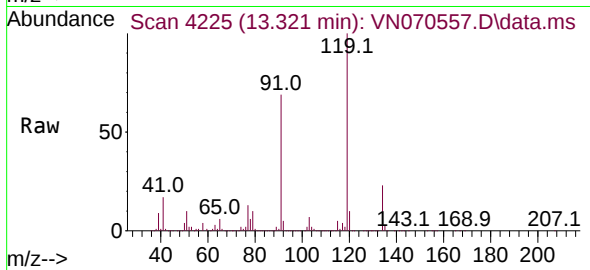
Tgt Ion: 91 Resp: 1922104  
Ion Ratio Lower Upper  
91 100  
126 31.8 18.2 54.6



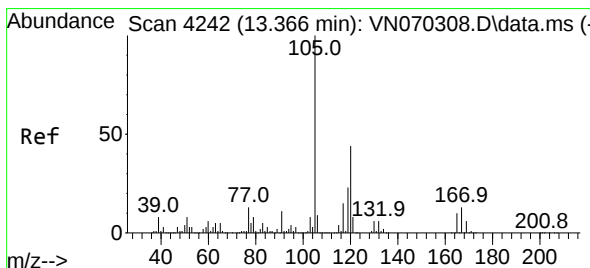
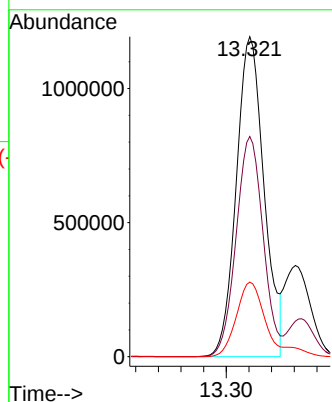
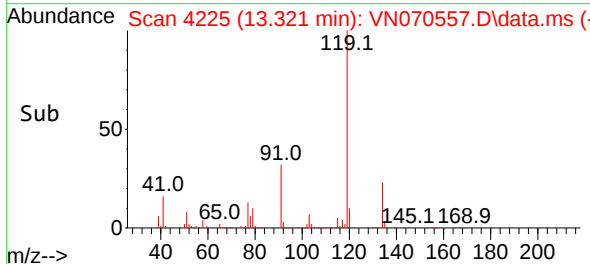


#83  
tert-Butylbenzene  
Concen: 42.246 ug/l  
RT: 13.321 min Scan# 4225  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

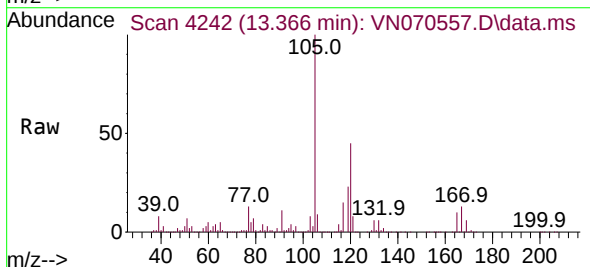
Instrument :  
MSVOA\_N  
ClientSampleId :



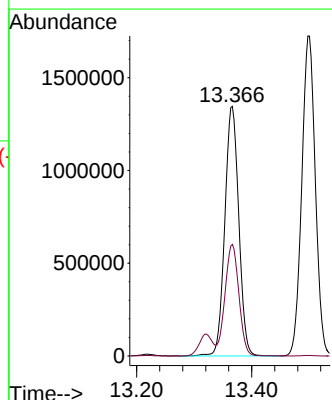
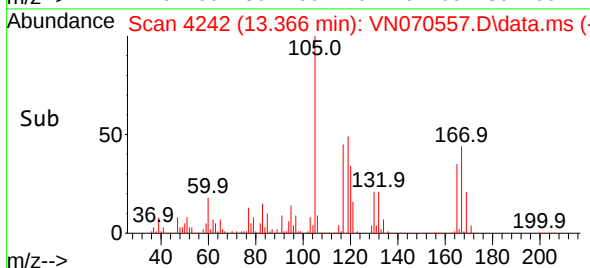
Tgt Ion:119 Resp: 2029783  
Ion Ratio Lower Upper  
119 100  
91 67.4 31.5 94.5  
134 25.5 12.4 37.4

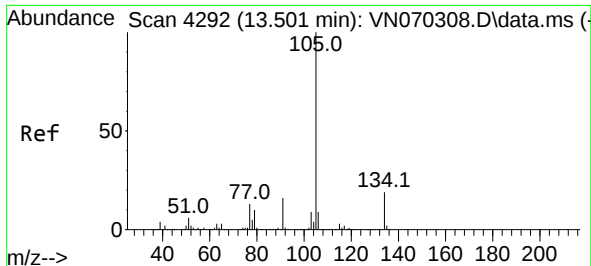


#84  
1,2,4-Trimethylbenzene  
Concen: 43.080 ug/l  
RT: 13.366 min Scan# 4242  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06



Tgt Ion:105 Resp: 2263530  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.8 68.4

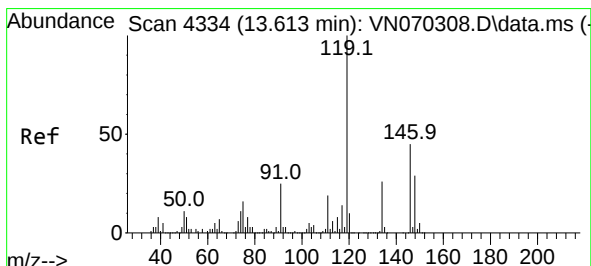
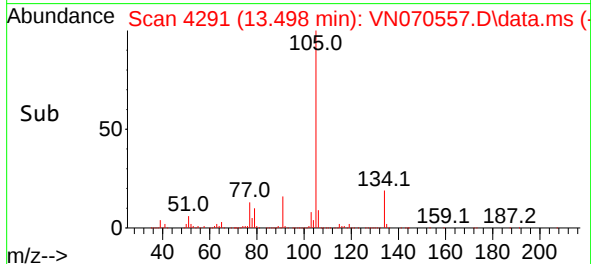
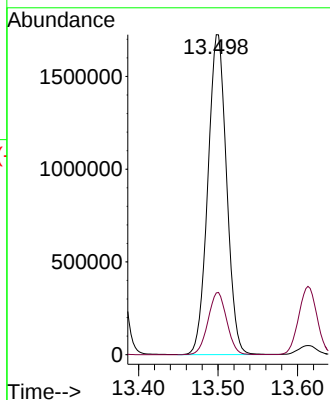
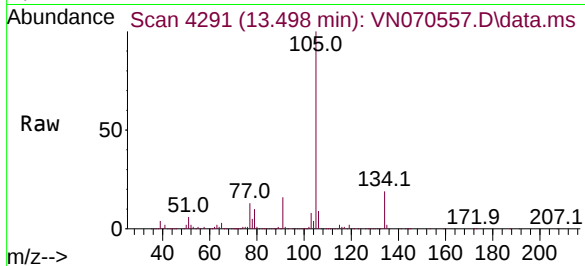




#85  
 sec-Butylbenzene  
 Concen: 43.247 ug/l  
 RT: 13.498 min Scan# 4291  
 Delta R.T. -0.003 min  
 Lab File: VN070557.D  
 Acq: 10 Jan 2022 21:06

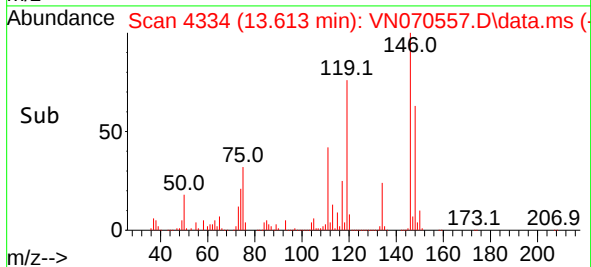
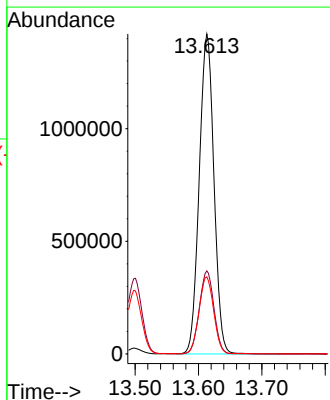
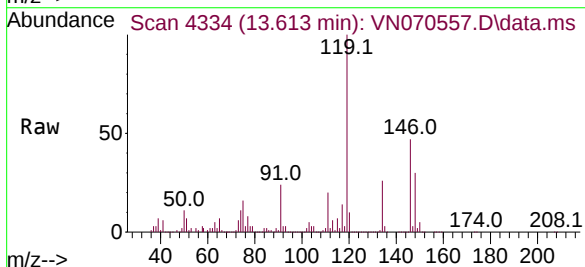
Instrument :  
 MSVOA\_N  
 ClientSampleId :

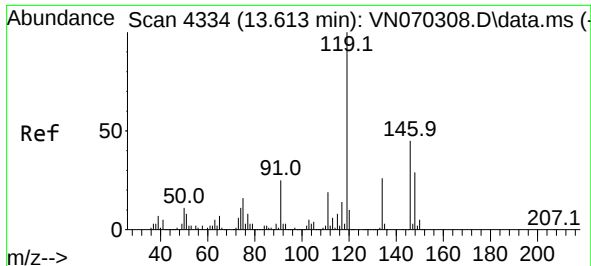
Tgt Ion:105 Resp: 2821011  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 44.551 ug/l  
 RT: 13.613 min Scan# 4334  
 Delta R.T. 0.000 min  
 Lab File: VN070557.D  
 Acq: 10 Jan 2022 21:06

Tgt Ion:119 Resp: 2282818  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.6 40.7  
 91 24.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 43.136 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :

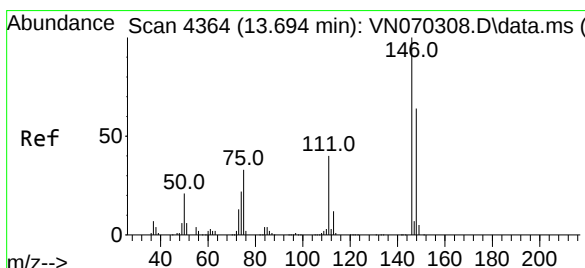
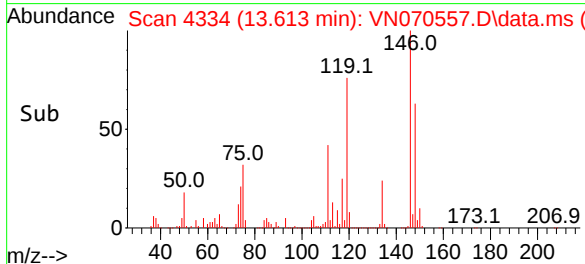
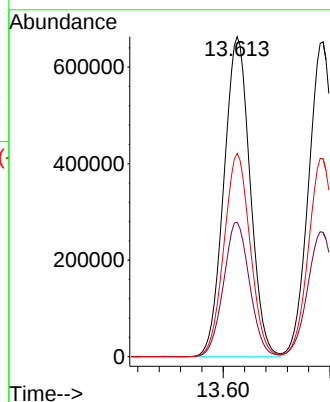
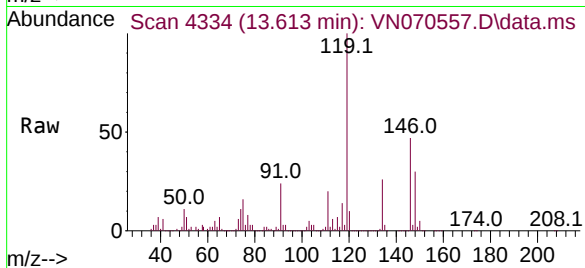
Tgt Ion:146 Resp: 1128835

Ion Ratio Lower Upper

146 100

111 42.0 18.6 55.6

148 63.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 42.825 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

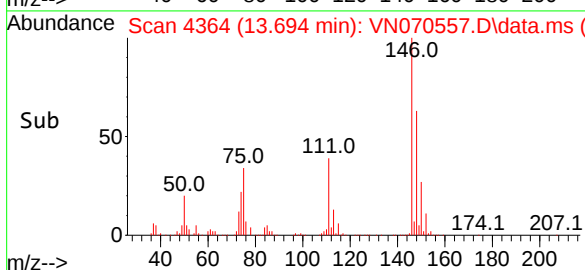
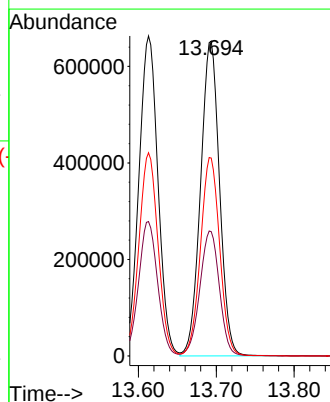
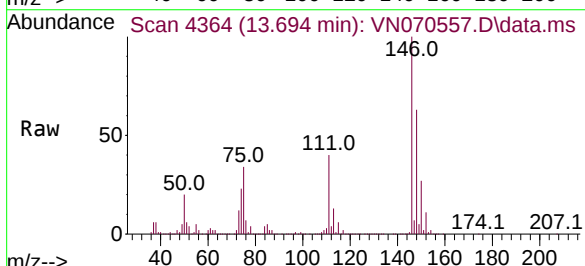
Tgt Ion:146 Resp: 1105488

Ion Ratio Lower Upper

146 100

111 40.6 18.3 54.8

148 63.8 31.8 95.4

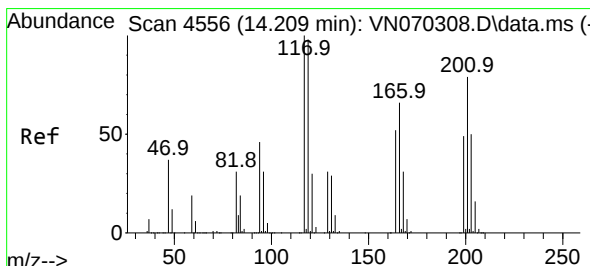
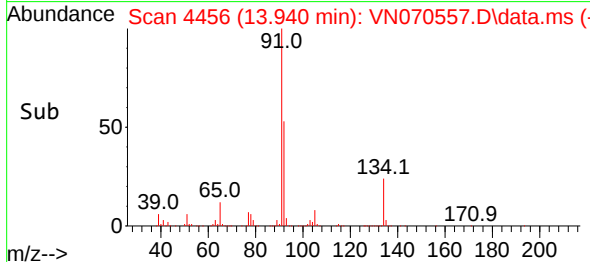
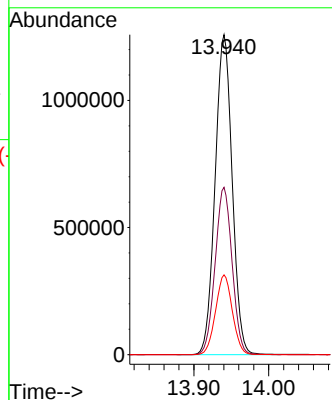
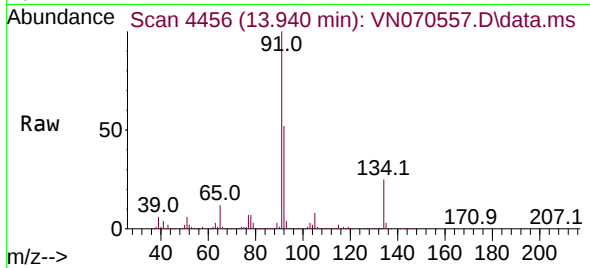




#89  
n-Butylbenzene  
Concen: 46.629 ug/l  
RT: 13.940 min Scan# 4456  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

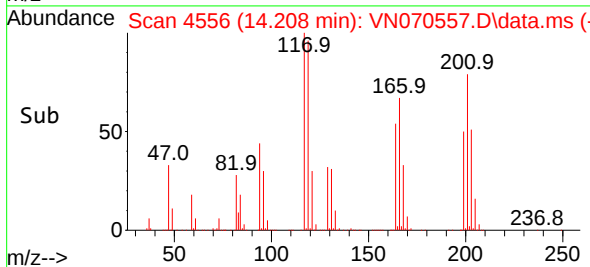
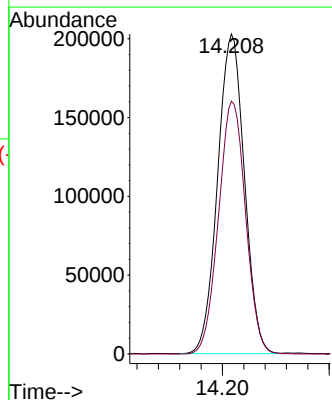
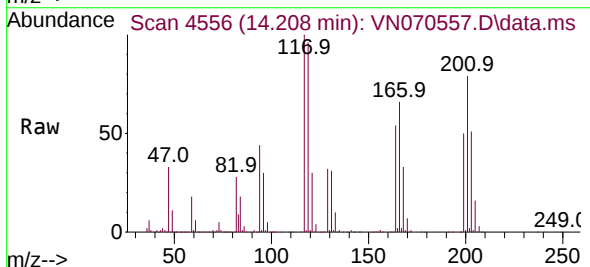
Instrument :  
MSVOA\_N  
ClientSampleId :

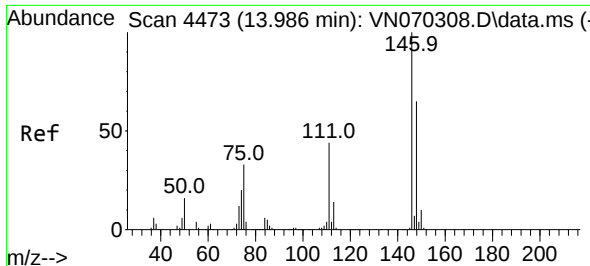
Tgt Ion: 91 Resp: 1992949  
Ion Ratio Lower Upper  
91 100  
92 52.1 25.4 76.0  
134 24.7 13.6 40.8



#90  
Hexachloroethane  
Concen: 39.629 ug/l  
RT: 14.208 min Scan# 4556  
Delta R.T. -0.001 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

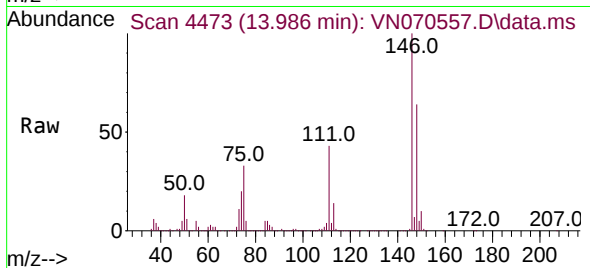
Tgt Ion: 117 Resp: 352769  
Ion Ratio Lower Upper  
117 100  
201 79.9 43.9 131.6



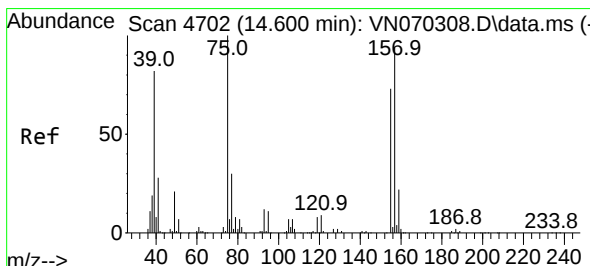
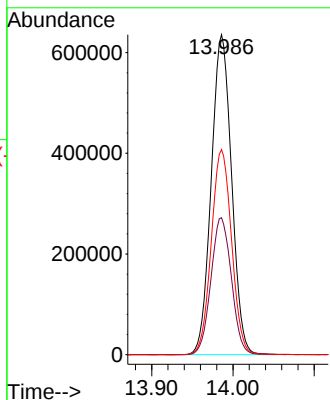
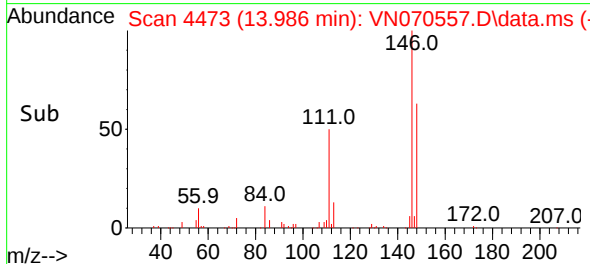


#91  
1,2-Dichlorobenzene  
Concen: 43.009 ug/l  
RT: 13.986 min Scan# 4473  
Delta R.T. -0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

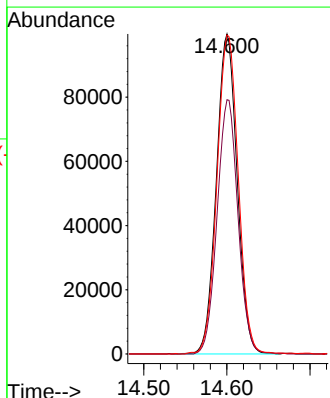
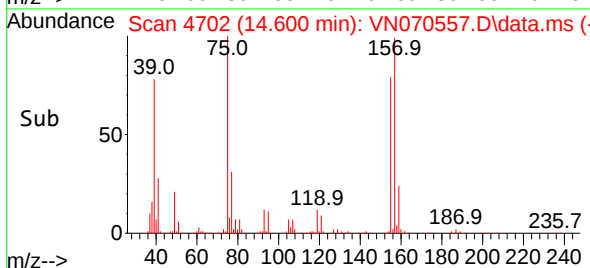
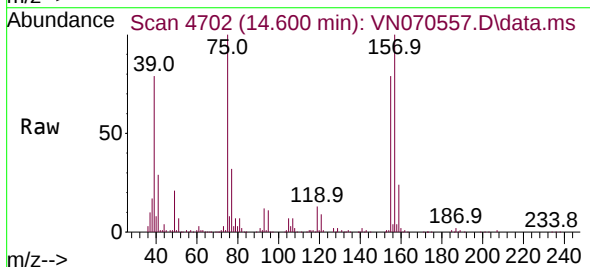


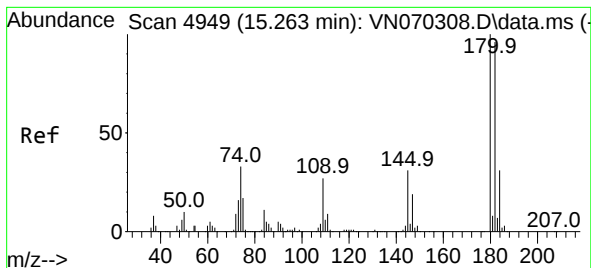
Tgt Ion:146 Resp: 1103370  
Ion Ratio Lower Upper  
146 100  
111 43.2 19.1 57.3  
148 64.1 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 44.089 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. 0.000 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion: 75 Resp: 173907  
Ion Ratio Lower Upper  
75 100  
155 79.6 46.9 140.7  
157 101.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 49.900 ug/l

RT: 15.260 min Scan# 4949

Delta R.T. -0.003 min

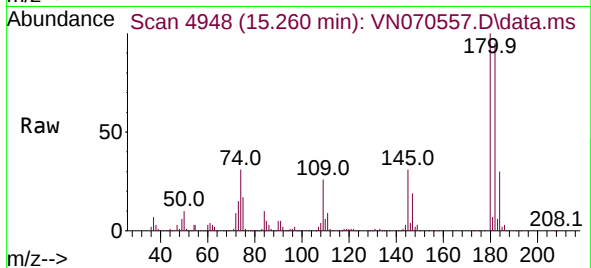
Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

Instrument :

MSVOA\_N

ClientSampleId :



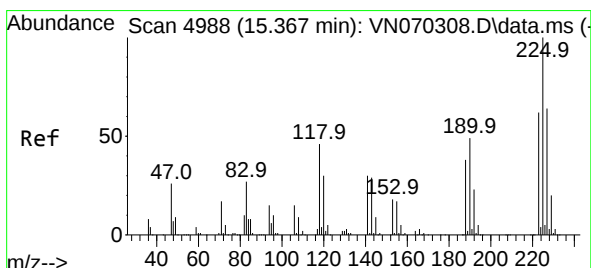
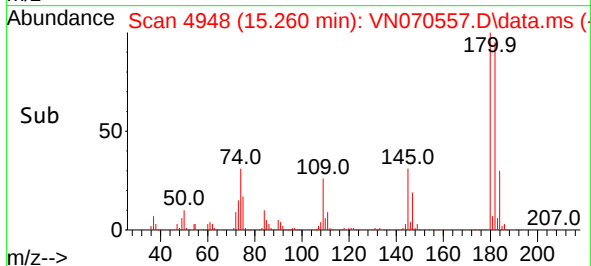
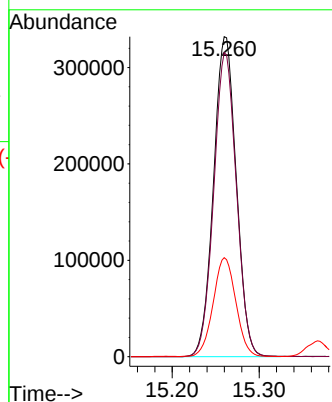
Tgt Ion:180 Resp: 603196

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.9

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.938 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070557.D

Acq: 10 Jan 2022 21:06

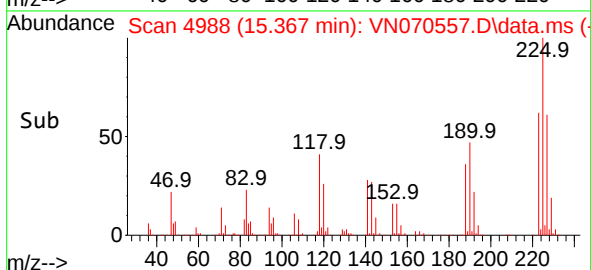
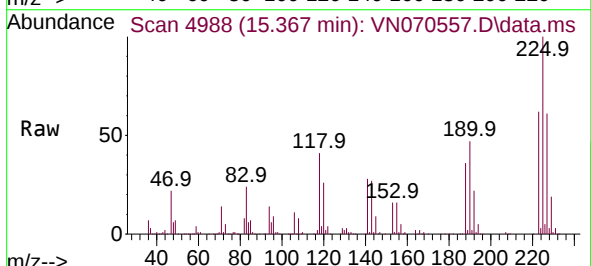
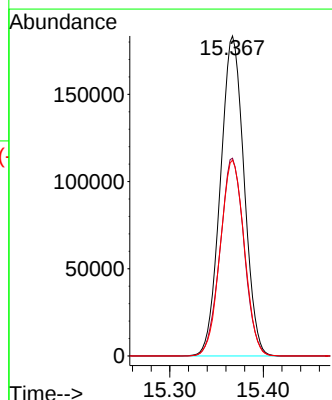
Tgt Ion:225 Resp: 322729

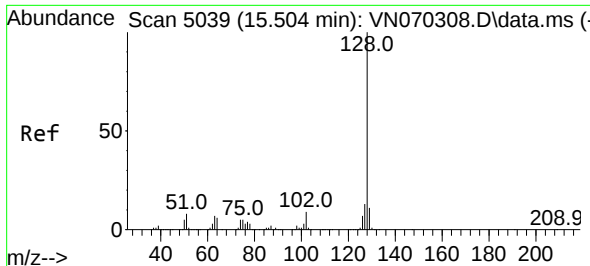
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.7

227 62.2 32.1 96.3

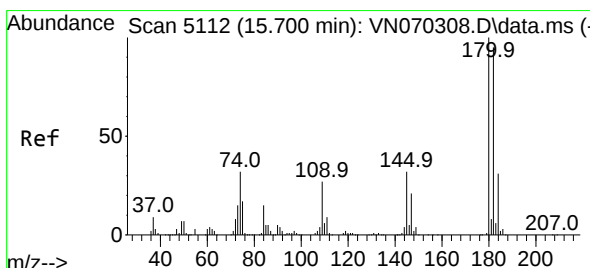
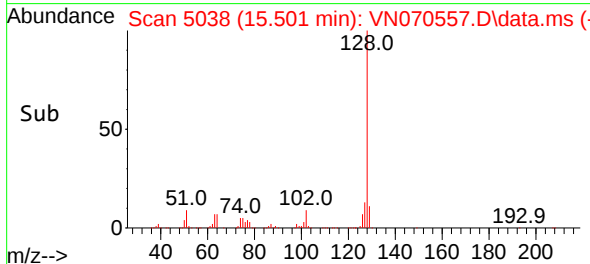
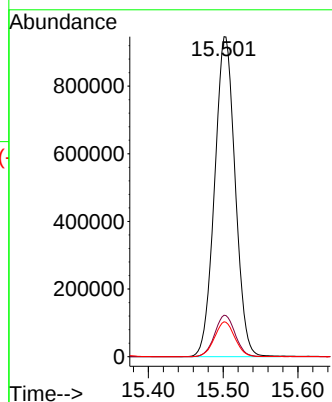
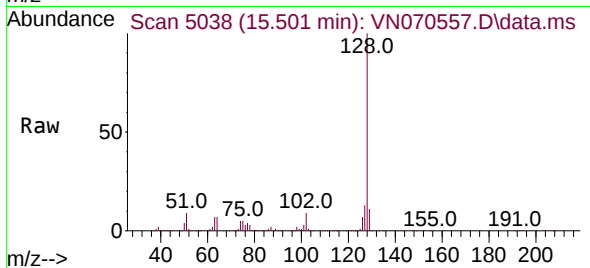




#95  
Naphthalene  
Concen: 53.844 ug/l  
RT: 15.501 min Scan# 5039  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 1803596  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 50.749 ug/l  
RT: 15.697 min Scan# 5111  
Delta R.T. -0.003 min  
Lab File: VN070557.D  
Acq: 10 Jan 2022 21:06

Tgt Ion:180 Resp: 586925  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.4 142.2  
145 32.7 15.0 45.1

