

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071621\  
 Data File : VN067779.D  
 Acq On : 16 Jul 2021 17:47  
 Operator : JC/MD  
 Sample : M2940-07 .2PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 17 06:07:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 17 06:07:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 358614   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 654984   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 608248   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 228823   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 290463   | 53.593   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 107.180% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 205587   | 51.952   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 103.900% |      |
| 50) Toluene-d8              | 10.443 | 98    | 812041   | 49.024   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 98.040%  |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 268797   | 45.938   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 91.880%  |      |

|                               |        |     |        |         |        |     |
|-------------------------------|--------|-----|--------|---------|--------|-----|
| Target Compounds              |        |     | Qvalue |         |        |     |
| 2) Dichlorodifluoromethane    | 2.073  | 85  | 646    | 0.212   | ug/l   | 96  |
| 3) Chloromethane              | 2.301  | 50  | 1476   | 0.306   | ug/l # | 85  |
| 4) Vinyl Chloride             | 2.443  | 62  | 1567   | 0.215   | ug/l   | 96  |
| 6) Chloroethane               | 3.019  | 64  | 1329   | 0.246   | ug/l # | 55  |
| 8) Diethyl Ether              | 3.819  | 74  | 743    | 0.256   | ug/l   | 96  |
| 11) Tert butyl alcohol        | 5.393  | 59  | 268    | 0.344   | ug/l # | 71  |
| 13) Acrolein                  | 4.041  | 56  | 579    | 1.384   | ug/l # | 68  |
| 15) Acrylonitrile             | 5.551  | 53  | 632    | 0.327   | ug/l # | 26  |
| 16) Acetone                   | 4.296  | 43  | 2307   | 1.353   | ug/l # | 87  |
| 20) Methylene Chloride        | 5.090  | 84  | 2664   | 0.591   | ug/l   | 92  |
| 23) Vinyl Acetate             | 6.442  | 43  | 6938   | 0.610   | ug/l # | 87  |
| 25) 2-Butanone                | 7.348  | 43  | 4943   | 1.746   | ug/l # | 81  |
| 26) 2,2-Dichloropropane       | 7.327  | 77  | 3439   | 0.531   | ug/l # | 57  |
| 29) Tetrahydrofuran           | 7.705  | 42  | 1712   | 0.919   | ug/l # | 76  |
| 30) Chloroform                | 7.815  | 83  | 1741   | 0.209   | ug/l   | 88  |
| 31) Cyclohexane               | 8.086  | 56  | 10719  | 1.411   | ug/l # | 25  |
| 36) 1,1-Dichloropropene       | 8.088  | 75  | 32630  | 5.363   | ug/l # | 45  |
| 38) Carbon Tetrachloride      | 8.086  | 117 | 40439  | 6.738   | ug/l # | 16  |
| 42) 1,2-Dichloroethane        | 8.533  | 62  | 1828   | 0.270   | ug/l   | 87  |
| 49) 1,4-Dioxane               | 9.577  | 88  | 225    | 2.831   | ug/l # | 31  |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43  | 5995   | 0.941   | ug/l   | 97  |
| 52) Toluene                   | 10.507 | 92  | 2471   | 0.207   | ug/l   | 97  |
| 56) Ethyl methacrylate        | 10.762 | 69  | 1422   | 0.202   | ug/l   | 87  |
| 58) 2-Chloroethyl Vinyl ether | 10.046 | 63  | 934    | 0.640   | ug/l # | 71  |
| 59) 2-Hexanone                | 11.089 | 43  | 4839   | 1.088   | ug/l   | 93  |
| 68) m/p-Xylenes               | 11.958 | 106 | 1993   | 0.232   | ug/l # | 37  |
| 73) Isopropylbenzene          | 12.586 | 105 | 4098   | 0.222   | ug/l   | 96  |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83  | 1798   | 0.336   | ug/l   | 84  |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 148355 | 31.747  | ug/l # | 100 |
| 77) Bromobenzene              | 12.868 | 156 | 831    | 0.203   | ug/l   | 53  |
| 78) n-propylbenzene           | 12.921 | 91  | 5140   | 0.246   | ug/l   | 96  |
| 80) 1,3,5-Trimethylbenzene    | 13.063 | 105 | 3400   | 0.227   | ug/l   | 89  |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75  | 148355 | 102.357 | ug/l # | 6   |
| 82) 4-Chlorotoluene           | 13.114 | 91  | 2945   | 0.236   | ug/l   | 83  |
| 83) tert-Butylbenzene         | 13.329 | 119 | 2571   | 0.202   | ug/l   | 93  |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105 | 3839   | 0.262   | ug/l   | 95  |

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 Operator : JC/MD  
 Sample : M2940-07 .2PPB LOD  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

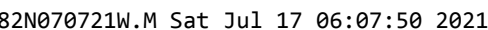
Instrument :  
 MSVOA\_N  
 ClientSampleId :

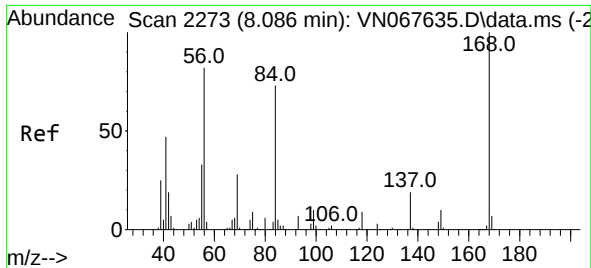
Quant Time: Jul 17 06:07:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jul 17 06:07:12 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| -----                      |        |      |          |       |        |          |
| 85) sec-Butylbenzene       | 13.498 | 105  | 3767     | 0.213 | ug/l   | 97       |
| 86) p-Isopropyltoluene     | 13.618 | 119  | 3743     | 0.263 | ug/l # | 74       |
| 87) 1,3-Dichlorobenzene    | 13.621 | 146  | 1752     | 0.231 | ug/l   | 87       |
| 88) 1,4-Dichlorobenzene    | 13.621 | 146  | 1752     | 0.226 | ug/l   | 93       |
| 90) Hexachloroethane       | 14.211 | 117  | 556      | 0.235 | ug/l # | 16       |
| 91) 1,2-Dichlorobenzene    | 13.994 | 146  | 1928     | 0.263 | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene | 15.263 | 180  | 1410     | 0.448 | ug/l # | 84       |
| 95) Naphthalene            | 15.509 | 128  | 9187     | 1.035 | ug/l # | 79       |
| 96) 1,2,3-Trichlorobenzene | 15.700 | 180  | 1674     | 0.550 | ug/l   | 95       |
| -----                      |        |      |          |       |        |          |

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

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Quant Title : SW846 8260  
QLast Update : Sat Jul 17 06:07:12 2021  
Response via : Initial Calibration

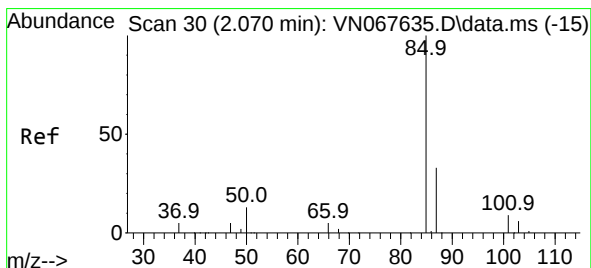
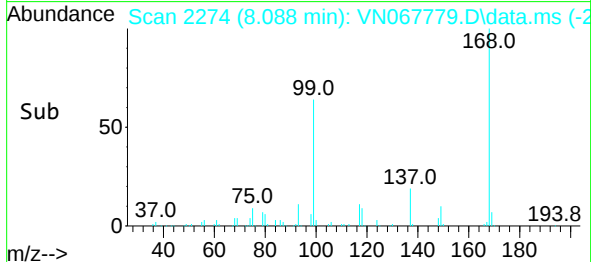
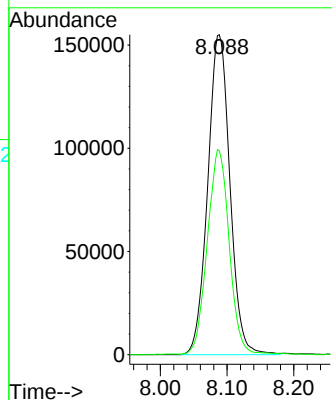
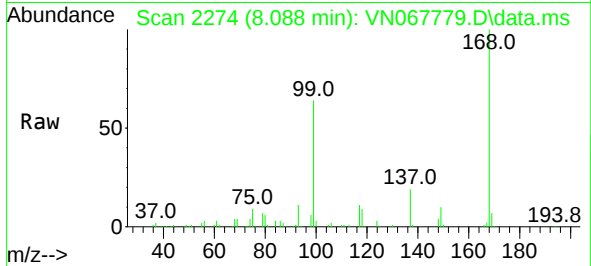




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

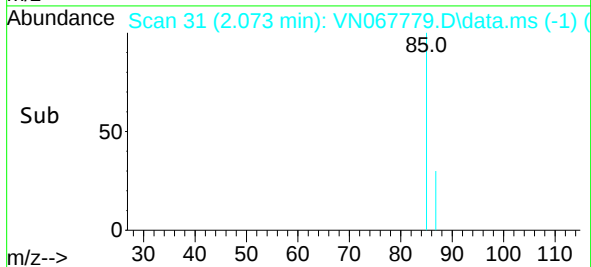
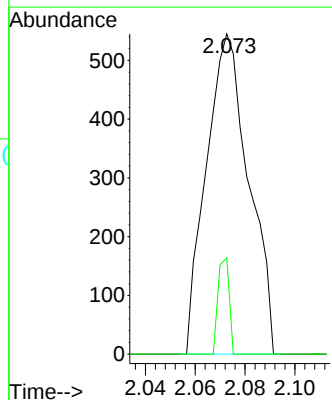
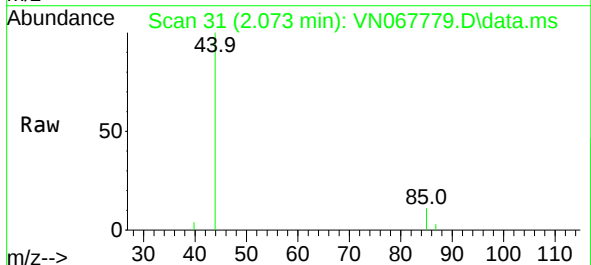
Instrument :  
MSVOA\_N  
ClientSampleId :

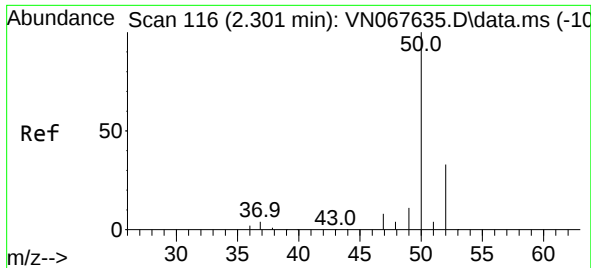
Tgt Ion:168 Resp: 358614  
Ion Ratio Lower Upper  
168 100  
99 63.6 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 0.212 ug/l  
RT: 2.073 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 85 Resp: 646  
Ion Ratio Lower Upper  
85 100  
87 30.1 16.1 48.2

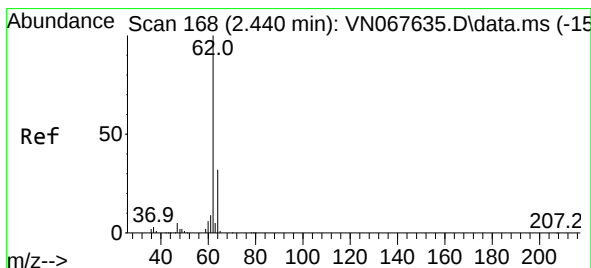
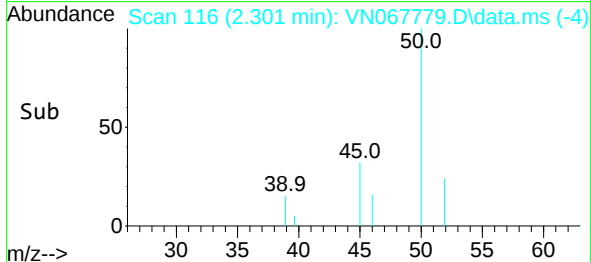
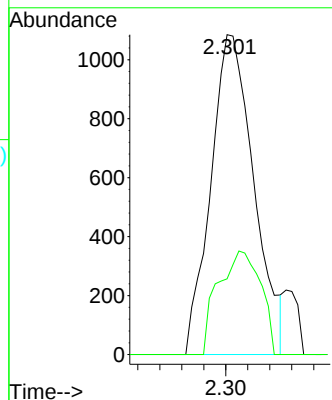
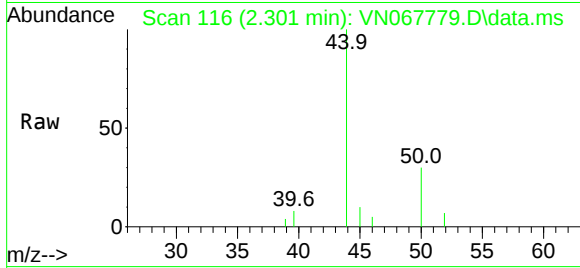




#3  
Chloromethane  
Concen: 0.306 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

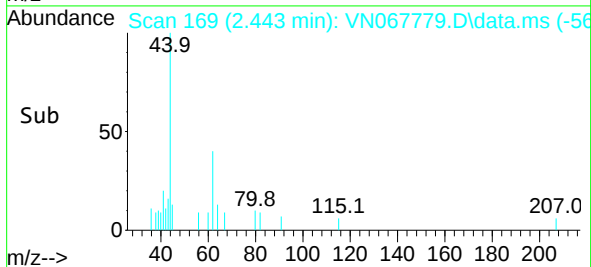
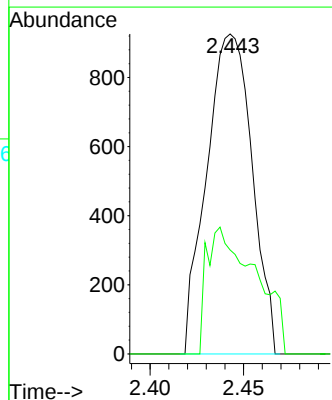
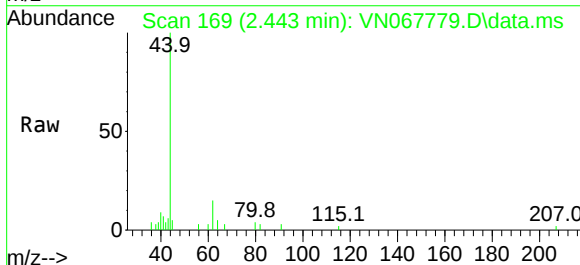
Instrument :  
MSVOA\_N  
ClientSampled :

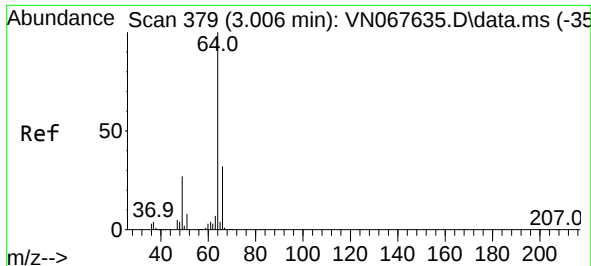
Tgt Ion: 50 Resp: 1476  
Ion Ratio Lower Upper  
50 100  
52 23.7 25.6 38.4#



#4  
Vinyl Chloride  
Concen: 0.215 ug/l  
RT: 2.443 min Scan# 169  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

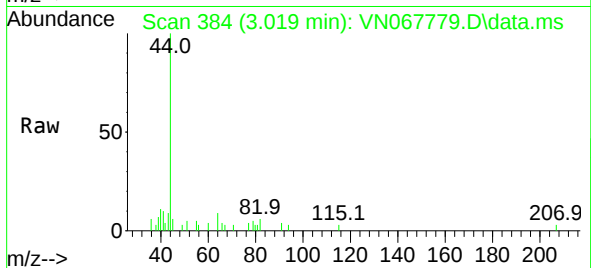
Tgt Ion: 62 Resp: 1567  
Ion Ratio Lower Upper  
62 100  
64 32.5 24.4 36.6



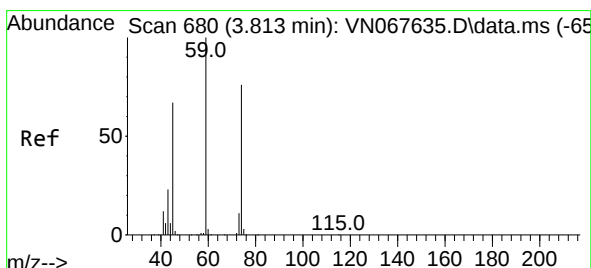
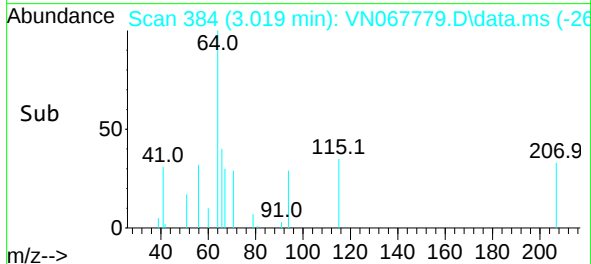
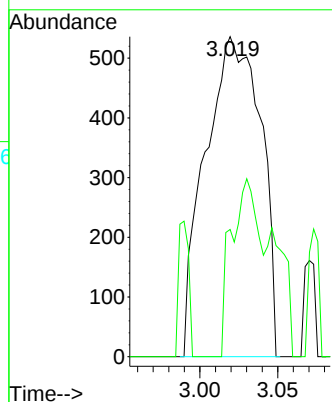


#6  
Chloroethane  
Concen: 0.246 ug/l  
RT: 3.019 min Scan# 384  
Delta R.T. 0.013 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Instrument :  
MSVOA\_N  
ClientSampled :

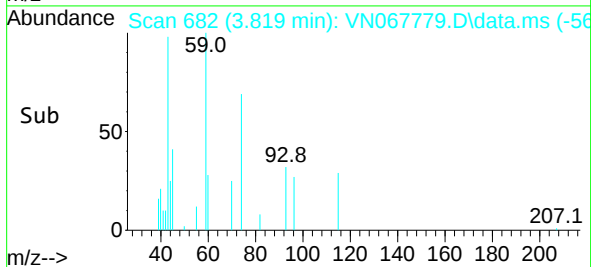
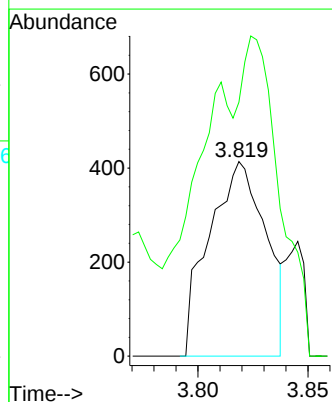
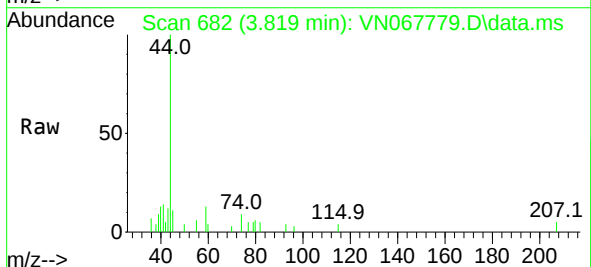


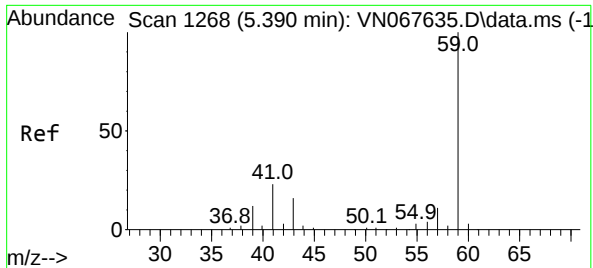
Tgt Ion: 64 Resp: 1329  
Ion Ratio Lower Upper  
64 100  
66 6.3 24.7 37.1#



#8  
Diethyl Ether  
Concen: 0.256 ug/l  
RT: 3.819 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 74 Resp: 743  
Ion Ratio Lower Upper  
74 100  
45 104.4 50.2 150.7



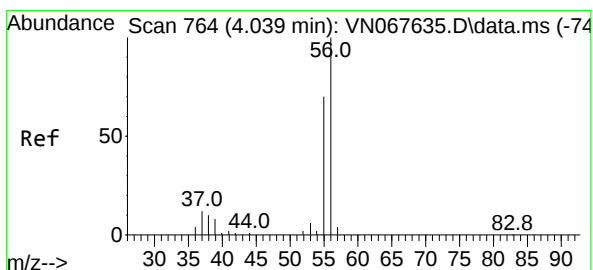
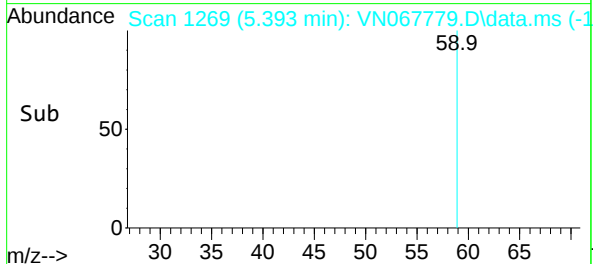
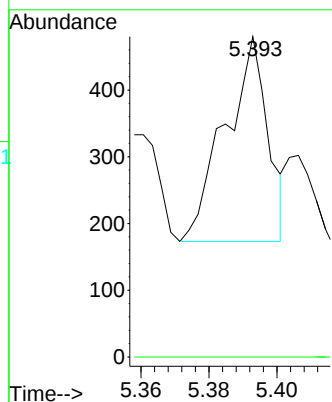
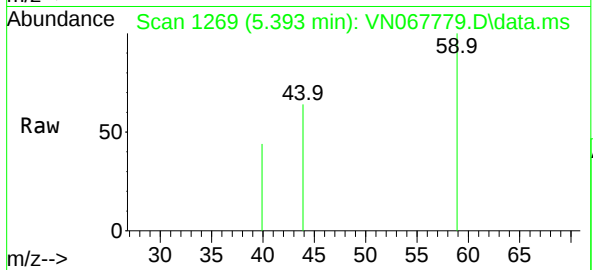


#11

Tert butyl alcohol  
Concen: 0.344 ug/l  
RT: 5.393 min Scan# 1269  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Instrument :  
MSVOA\_N  
ClientSampled :

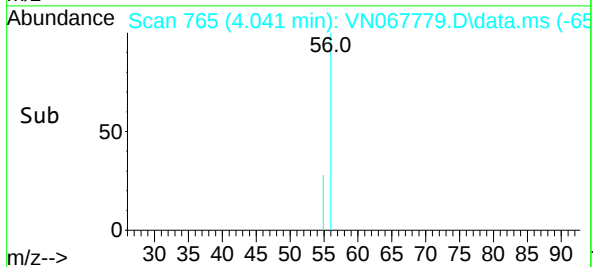
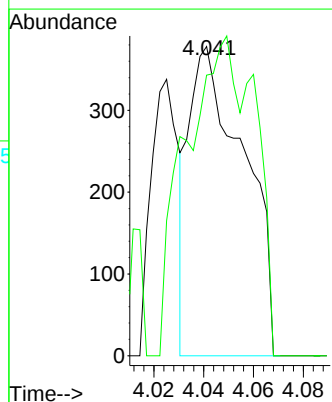
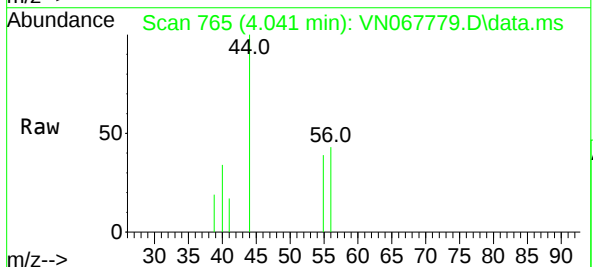
Tgt Ion: 59 Resp: 268  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

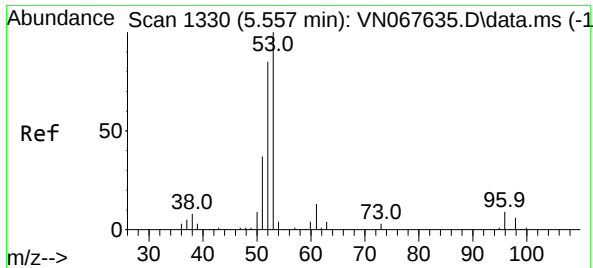


#13

Acrolein  
Concen: 1.384 ug/l  
RT: 4.041 min Scan# 765  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 56 Resp: 579  
Ion Ratio Lower Upper  
56 100  
55 98.6 57.4 86.0#

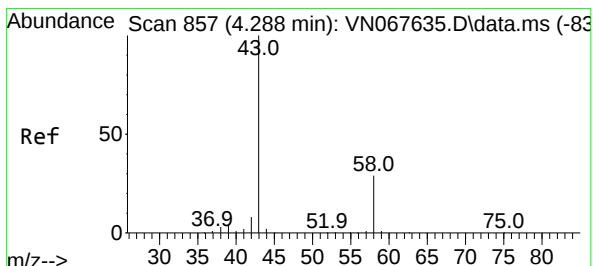
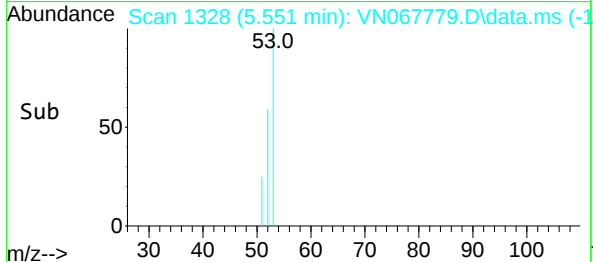
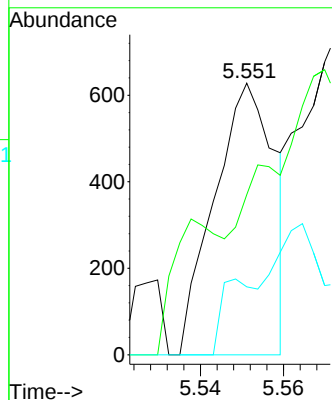
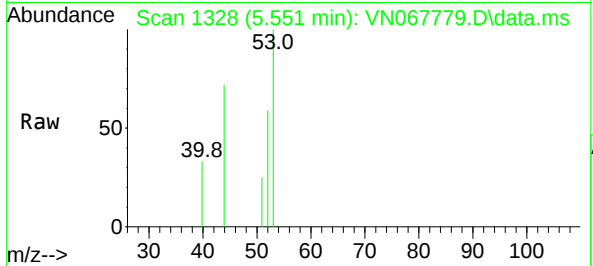




#15  
Acrylonitrile  
Concen: 0.327 ug/l  
RT: 5.551 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

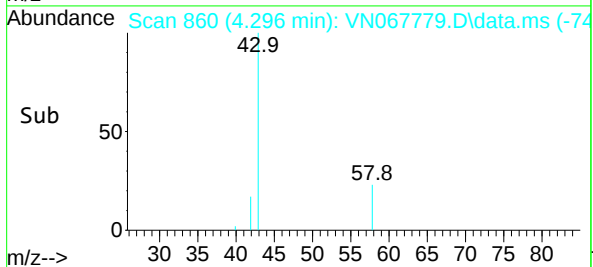
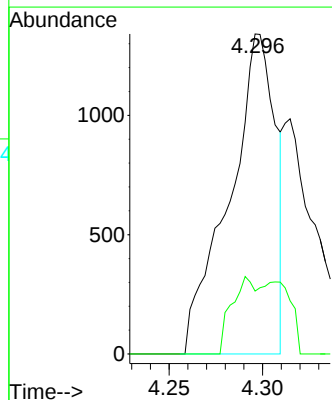
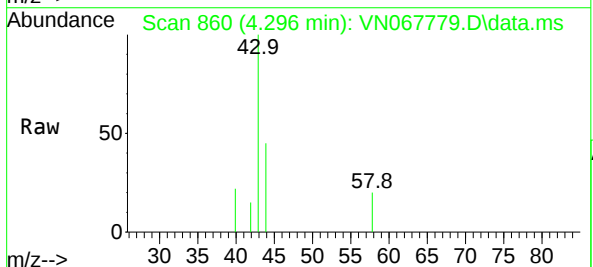
Instrument :  
MSVOA\_N  
ClientSampled :

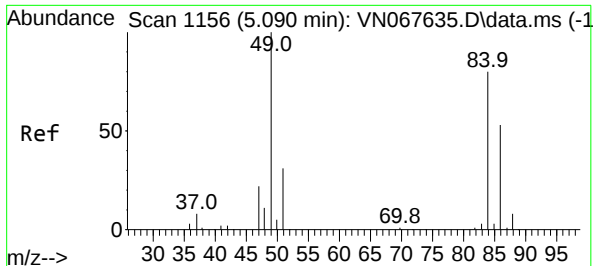
Tgt Ion: 53 Resp: 632  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.2 99.2#  
51 16.6 30.2 45.4#



#16  
Acetone  
Concen: 1.353 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

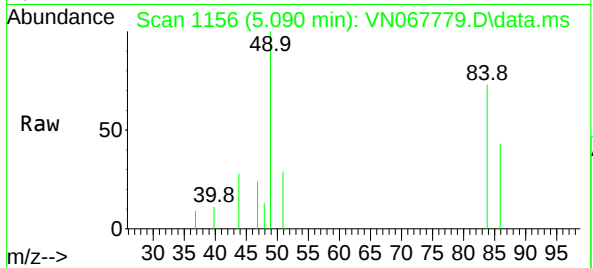
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Ion Ratio Lower Upper  
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58 19.7 21.2 31.8#



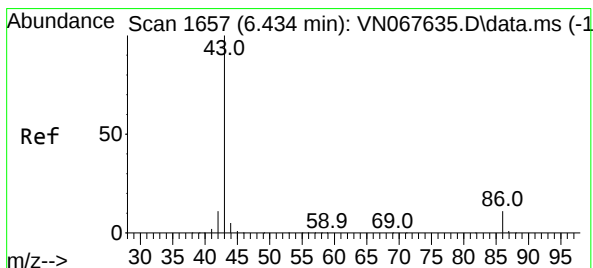
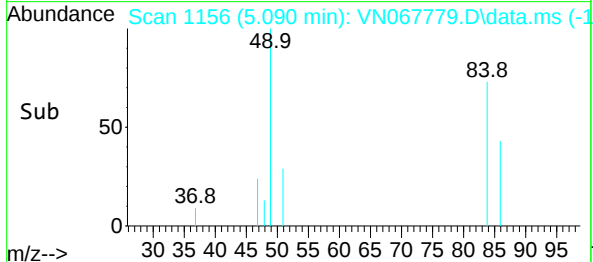
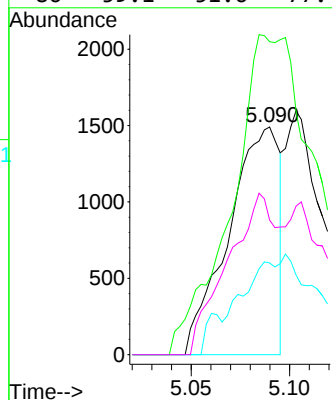


#20  
Methylene Chloride  
Concen: 0.591 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Instrument :  
MSVOA\_N  
ClientSampled :

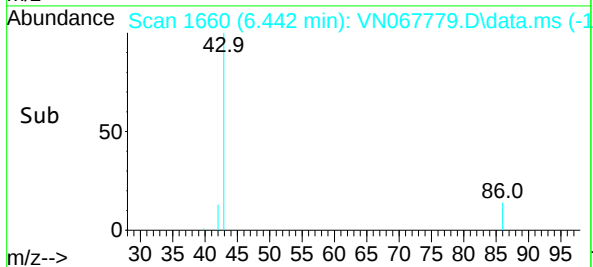
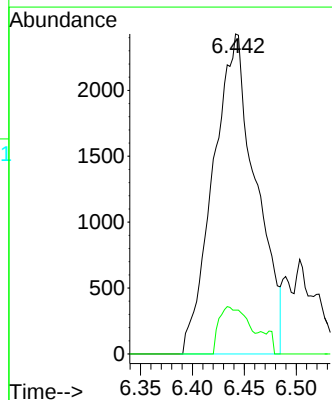
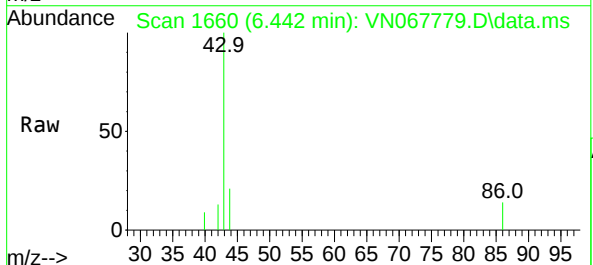


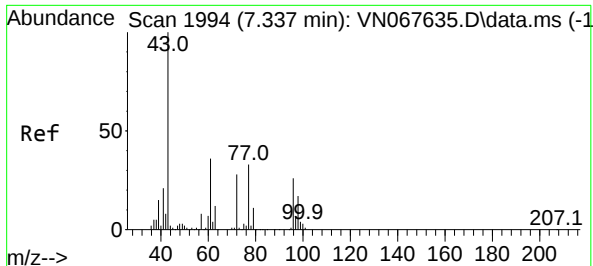
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 2664  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.0 | 110.9 | 166.3 |
| 51       | 40.2  | 32.6  | 49.0  |
| 86       | 59.1  | 51.6  | 77.4  |



#23  
Vinyl Acetate  
Concen: 0.610 ug/l  
RT: 6.442 min Scan# 1660  
Delta R.T. 0.008 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 6938  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 13.7  | 7.3   | 10.9# |

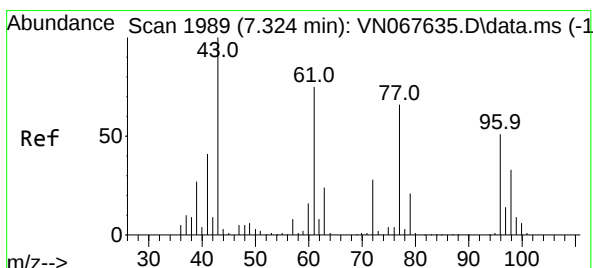
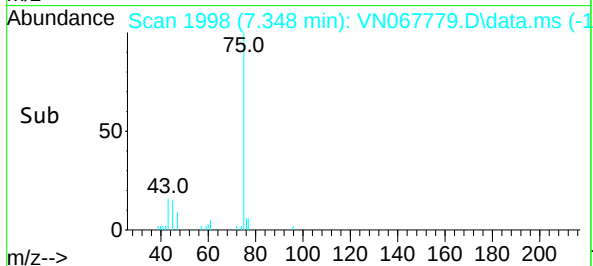
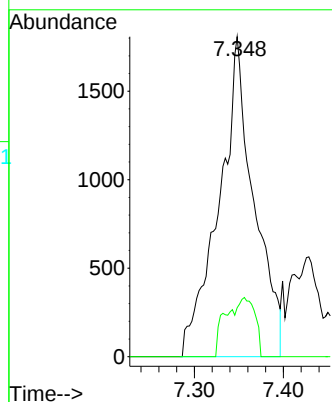
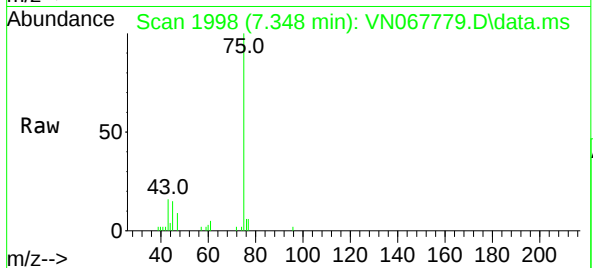




#25  
2-Butanone  
Concen: 1.746 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. 0.011 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

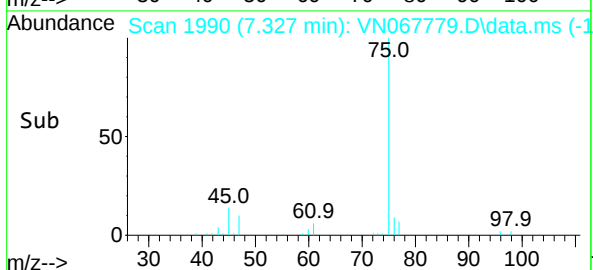
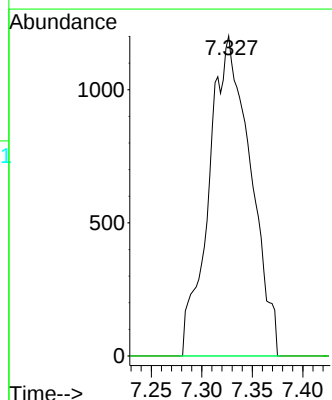
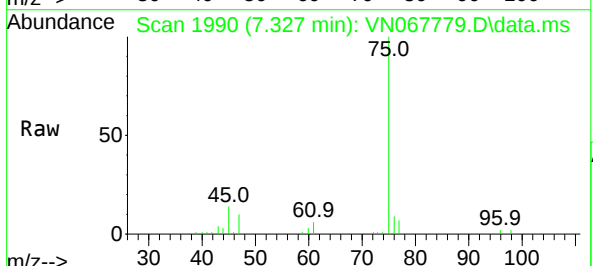
Instrument :  
MSVOA\_N  
ClientSampled :

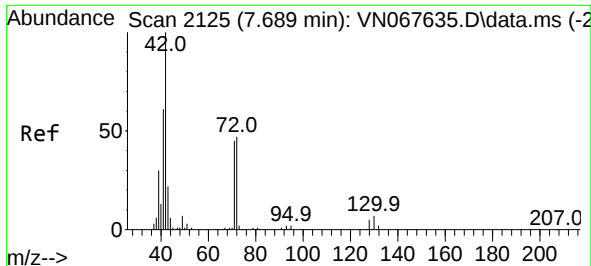
Tgt Ion: 43 Resp: 4943  
Ion Ratio Lower Upper  
43 100  
72 15.3 19.7 29.5#



#26  
2,2-Dichloropropane  
Concen: 0.531 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 77 Resp: 3439  
Ion Ratio Lower Upper  
77 100  
97 0.0 9.8 29.3#





#29

Tetrahydrofuran

Concen: 0.919 ug/l

RT: 7.705 min Scan# 2131

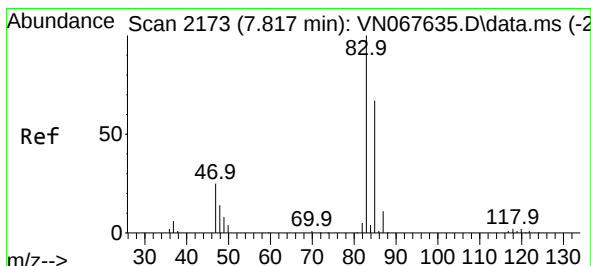
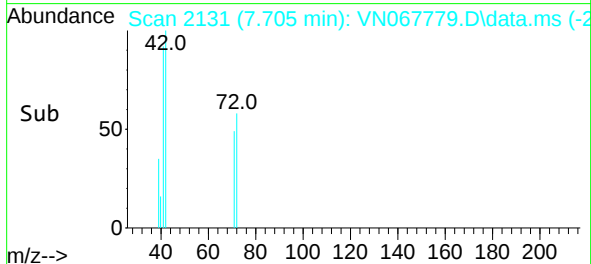
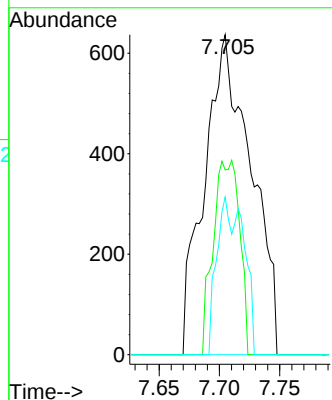
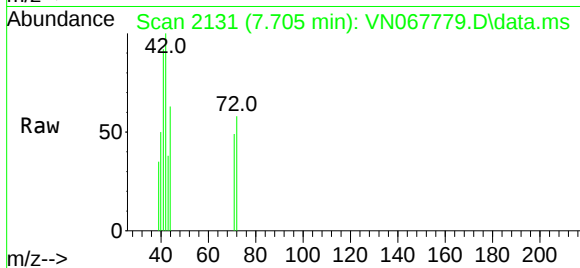
Delta R.T. 0.016 min

Lab File: VN067779.D

Acq: 16 Jul 2021 17:47

Instrument :  
MSVOA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1712  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 34.5  | 32.8  | 49.2  |
| 71       | 15.6  | 31.2  | 46.8# |



#30

Chloroform

Concen: 0.209 ug/l

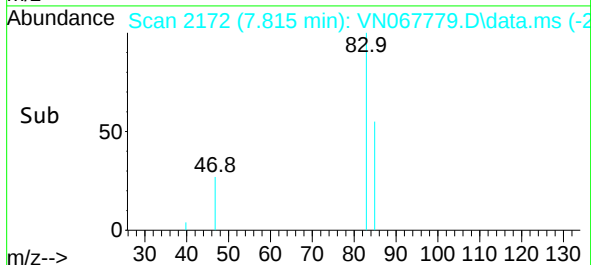
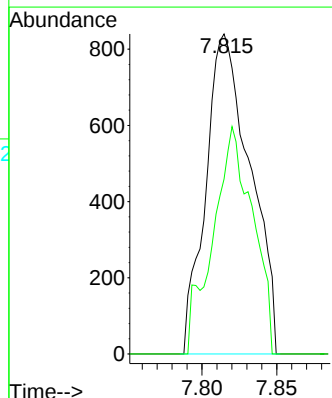
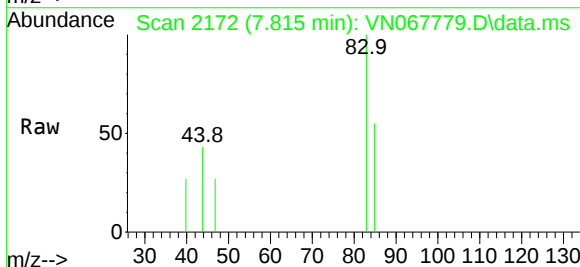
RT: 7.815 min Scan# 2172

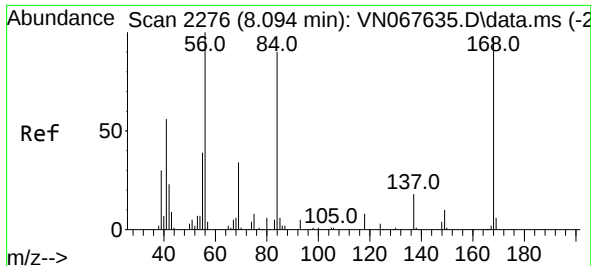
Delta R.T. -0.002 min

Lab File: VN067779.D

Acq: 16 Jul 2021 17:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1741  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 54.6  | 51.5  | 77.3  |

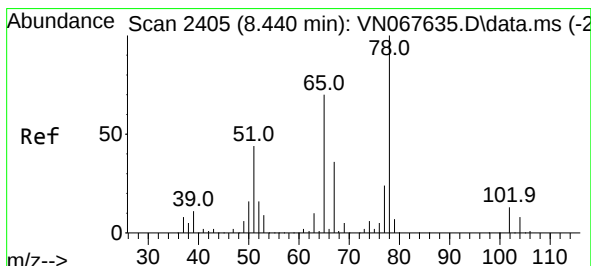
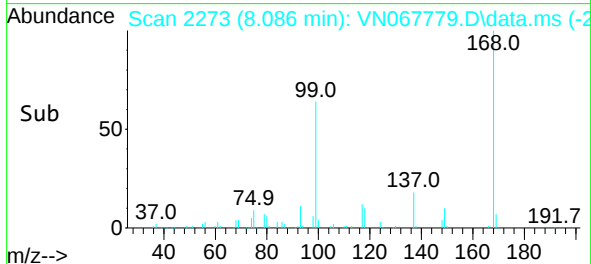
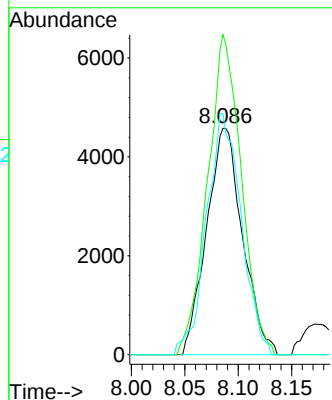
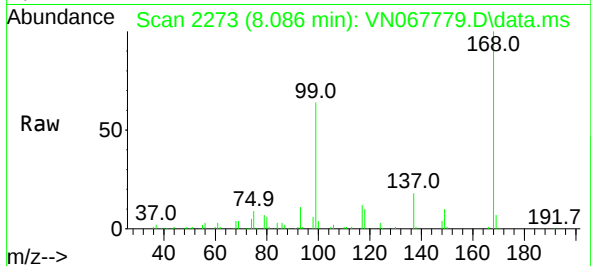




#31  
Cyclohexane  
Concen: 1.411 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.008 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

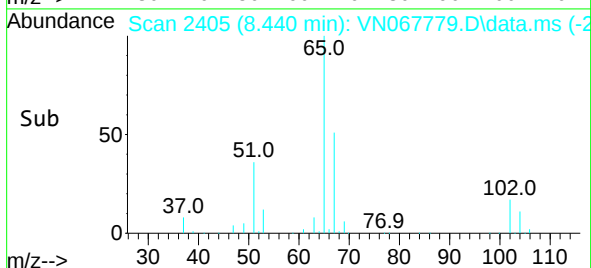
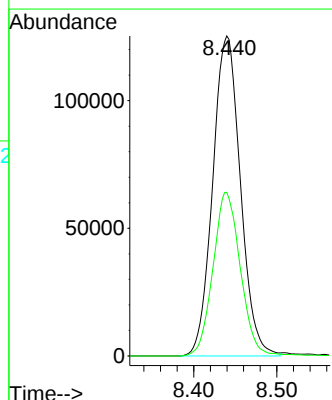
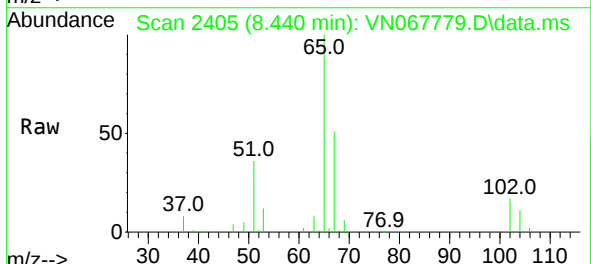
Instrument :  
MSVOA\_N  
ClientSampleId :

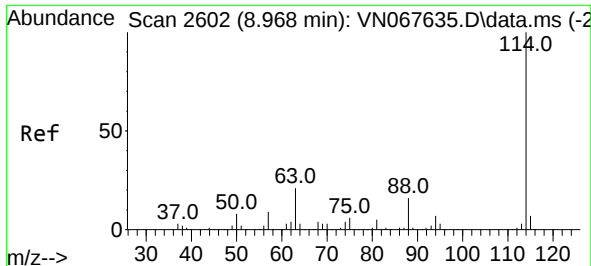
Tgt Ion: 56 Resp: 10719  
Ion Ratio Lower Upper  
56 100  
69 141.3 27.3 40.9#  
84 106.5 64.9 97.3#



#33  
1,2-Dichloroethane-d4  
Concen: 53.593 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 65 Resp: 290463  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 98.6

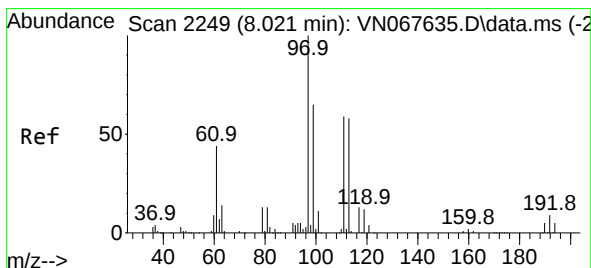
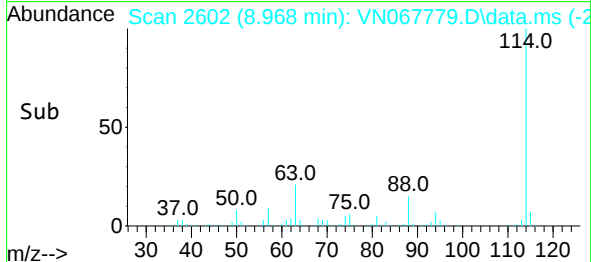
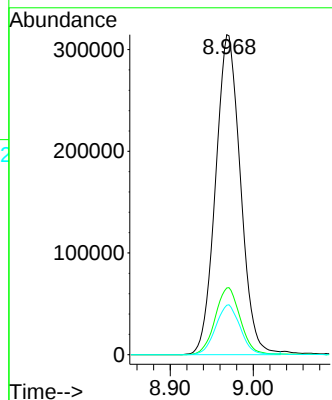
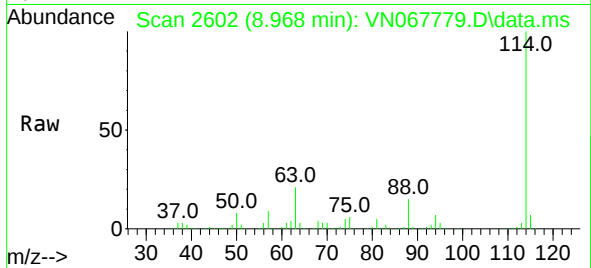




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

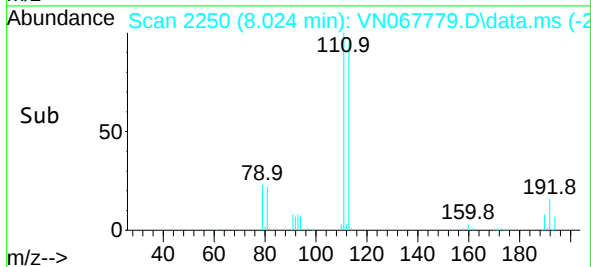
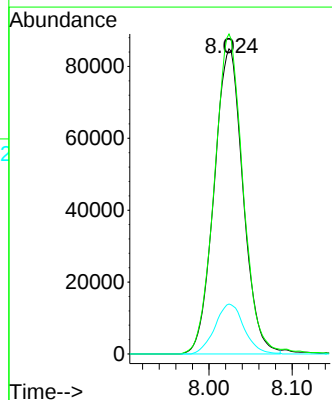
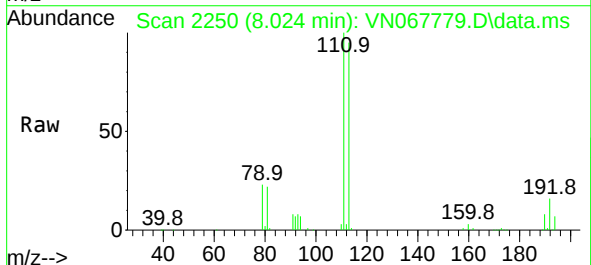
Instrument :  
MSVOA\_N  
ClientSampleId :

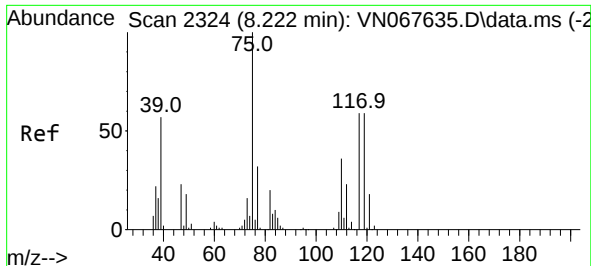
Tgt Ion:114 Resp: 654984  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 49.0  
88 15.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 51.952 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion:113 Resp: 205587  
Ion Ratio Lower Upper  
113 100  
111 104.1 83.8 125.8  
192 16.5 13.4 20.0

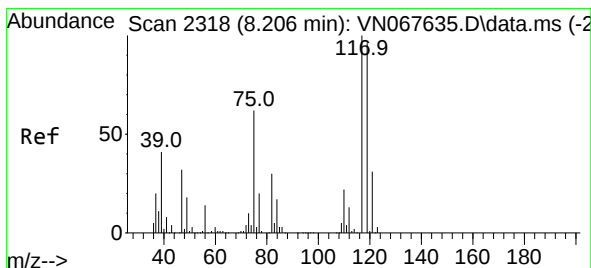
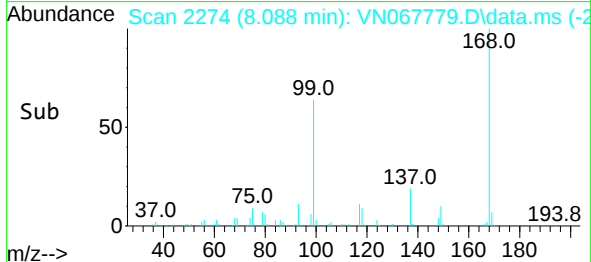
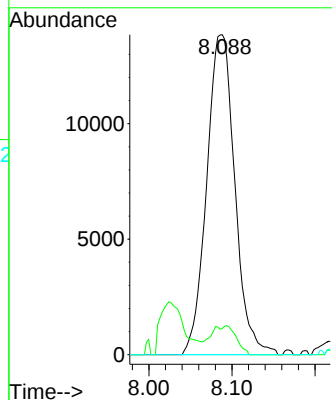
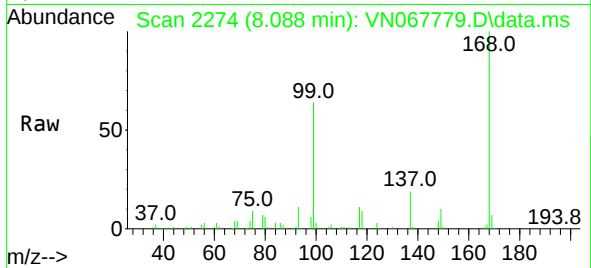




#36  
1,1-Dichloropropene  
Concen: 5.363 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.134 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

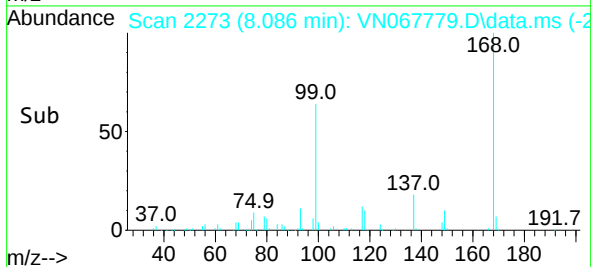
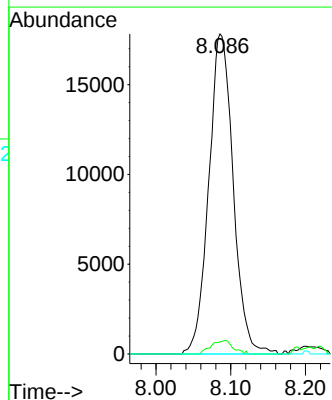
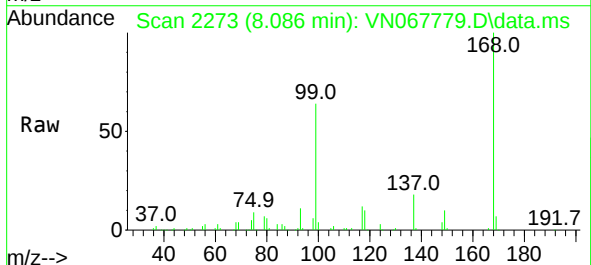
Instrument :  
MSVOA\_N  
ClientSampled :

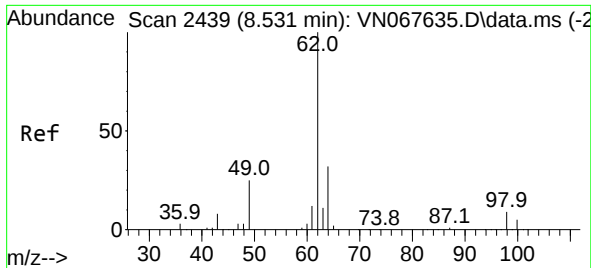
Tgt Ion: 75 Resp: 32630  
Ion Ratio Lower Upper  
75 100  
110 1.3 15.7 47.0#  
77 0.0 24.6 37.0#



#38  
Carbon Tetrachloride  
Concen: 6.738 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.120 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 117 Resp: 40439  
Ion Ratio Lower Upper  
117 100  
119 3.8 75.4 113.2#  
121 0.0 23.5 35.3#

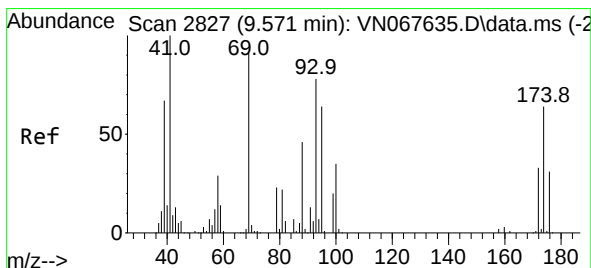
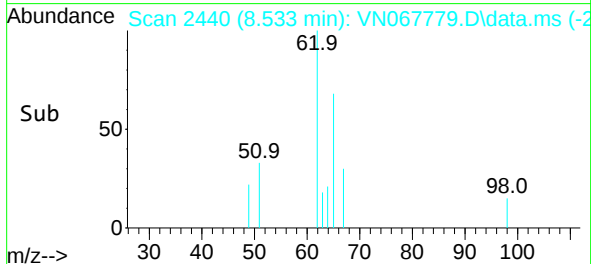
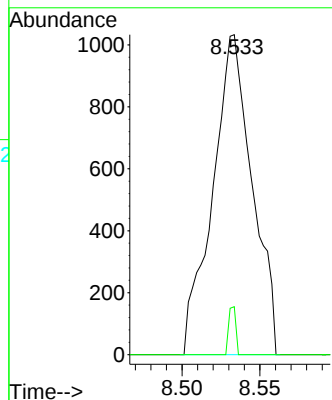
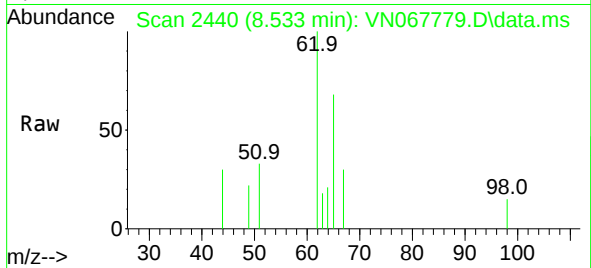




#42  
1,2-Dichloroethane  
Concen: 0.270 ug/l  
RT: 8.533 min Scan# 2440  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

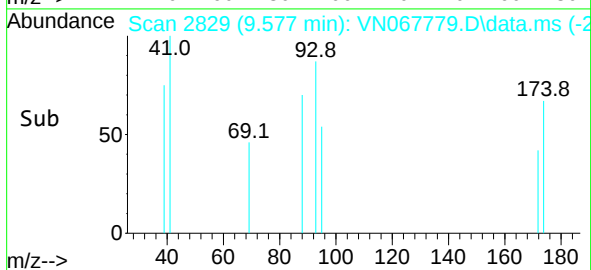
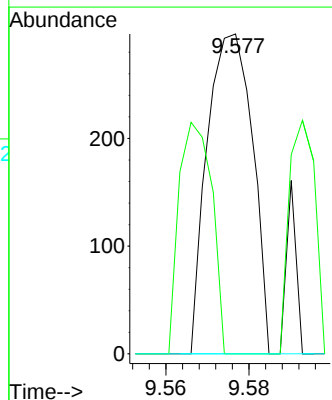
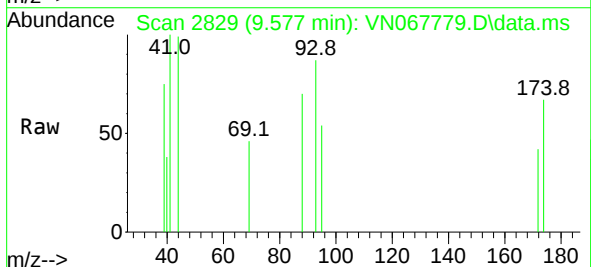
Instrument :  
MSVOA\_N  
ClientSampled :

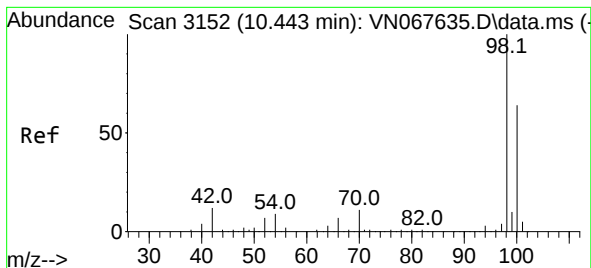
Tgt Ion: 62 Resp: 1828  
Ion Ratio Lower Upper  
62 100  
98 2.7 0.0 14.2



#49  
1,4-Dioxane  
Concen: 2.831 ug/l  
RT: 9.577 min Scan# 2829  
Delta R.T. 0.006 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 88 Resp: 225  
Ion Ratio Lower Upper  
88 100  
43 52.4 28.8 43.2#  
58 0.0 60.4 90.6#

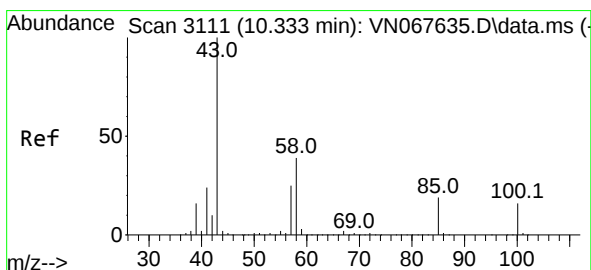
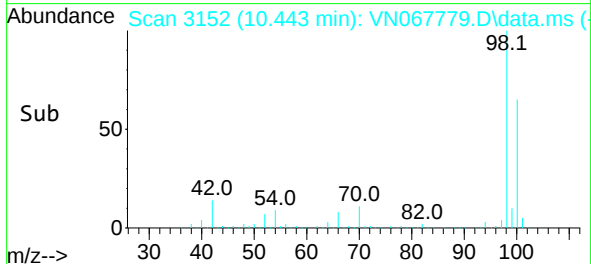
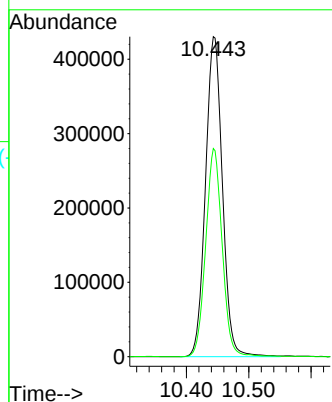
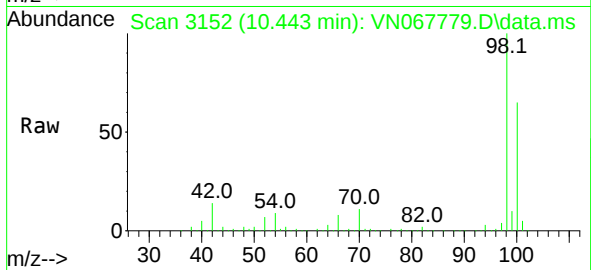




#50  
Toluene-d8  
Concen: 49.024 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

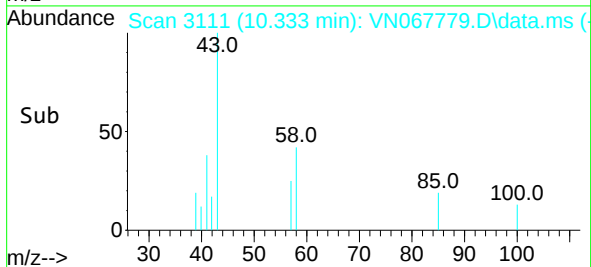
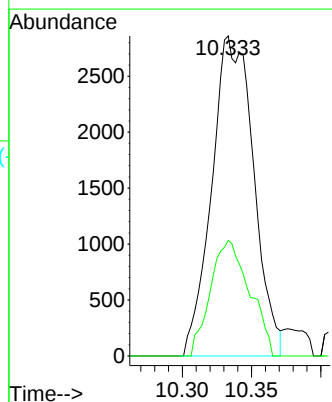
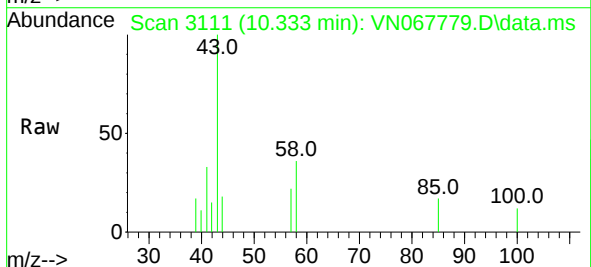
Instrument :  
MSVOA\_N  
ClientSampled :

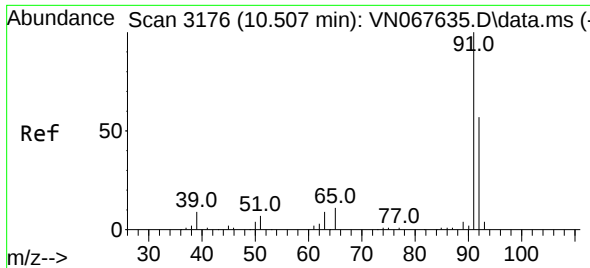
Tgt Ion: 98 Resp: 812041  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.7 77.5



#51  
4-Methyl-2-Pentanone  
Concen: 0.941 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 5995  
Ion Ratio Lower Upper  
43 100  
58 33.8 28.6 43.0

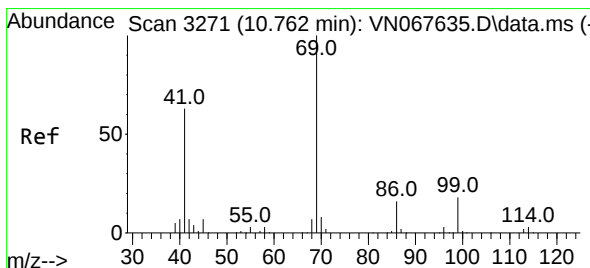
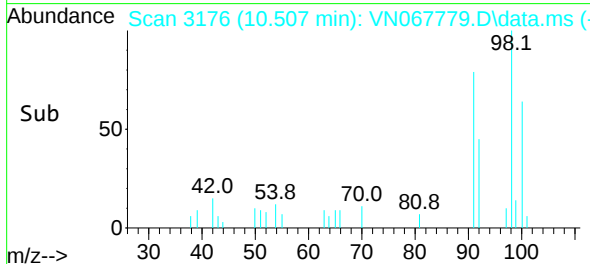
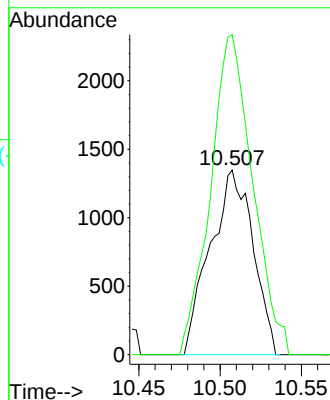
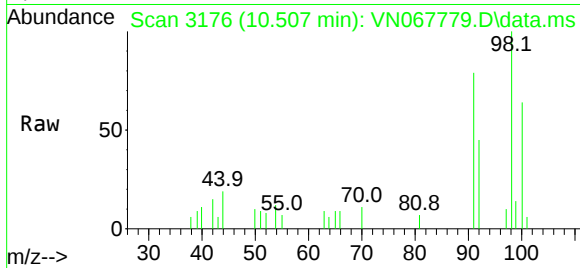




#52  
Toluene  
Concen: 0.207 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

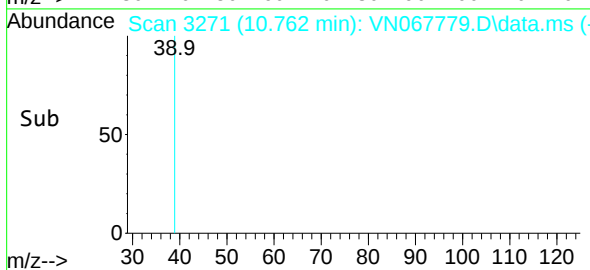
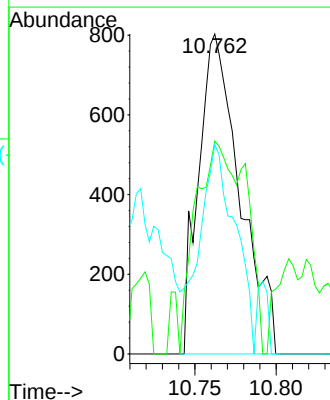
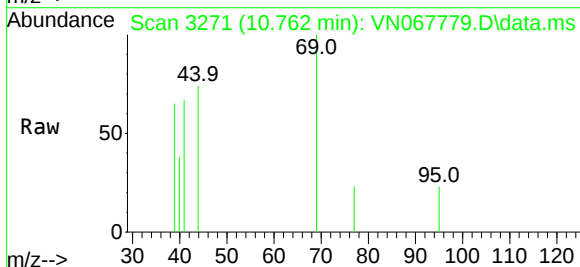
Instrument :  
MSVOA\_N  
ClientSampleId :

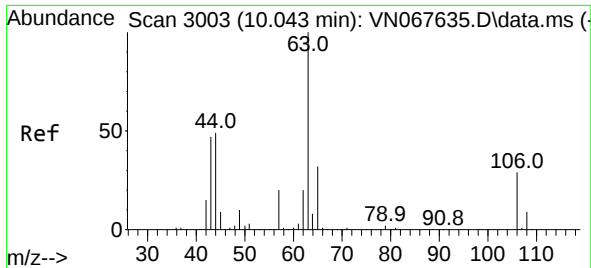
Tgt Ion: 92 Resp: 2471  
Ion Ratio Lower Upper  
92 100  
91 170.7 139.6 209.4



#56  
Ethyl methacrylate  
Concen: 0.202 ug/l  
RT: 10.762 min Scan# 3271  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 69 Resp: 1422  
Ion Ratio Lower Upper  
69 100  
41 60.7 58.6 88.0  
39 55.4 38.3 57.5

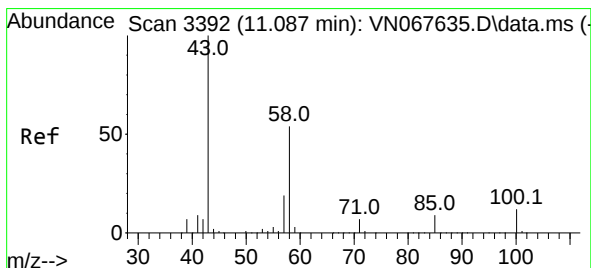
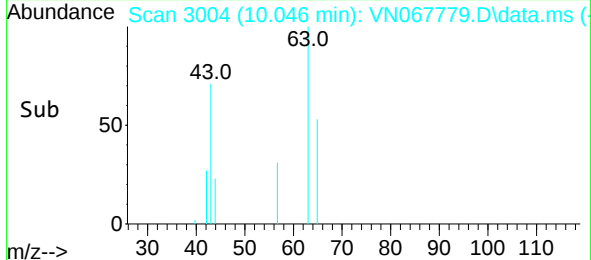
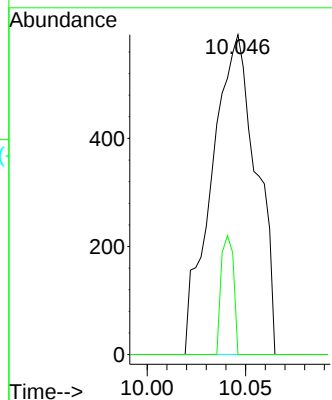
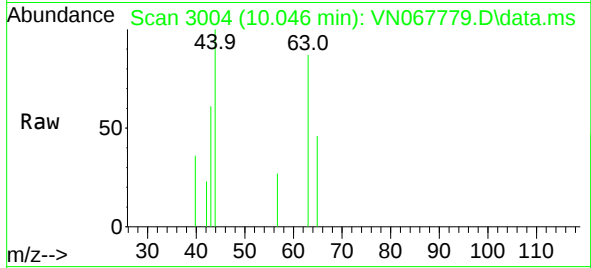




#58  
2-Chloroethyl Vinyl ether  
Concen: 0.640 ug/l  
RT: 10.046 min Scan# 3004  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

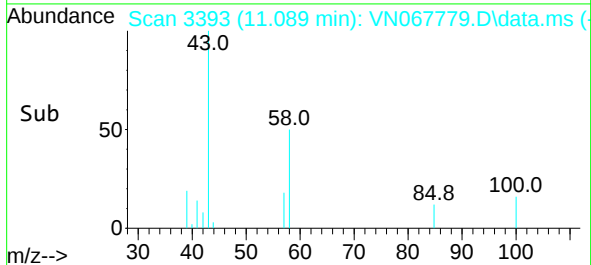
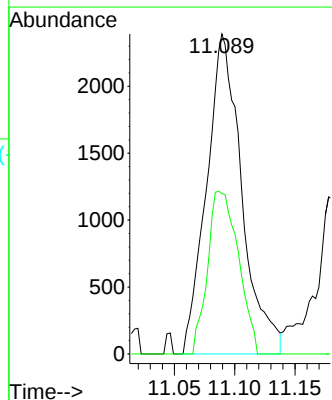
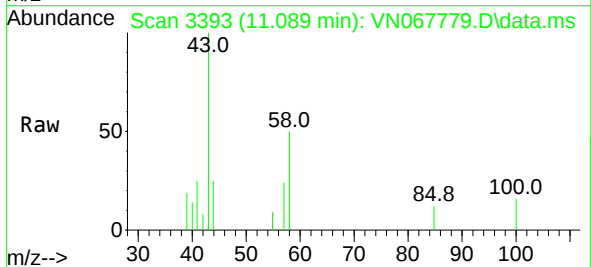
Instrument :  
MSVOA\_N  
ClientSampled :

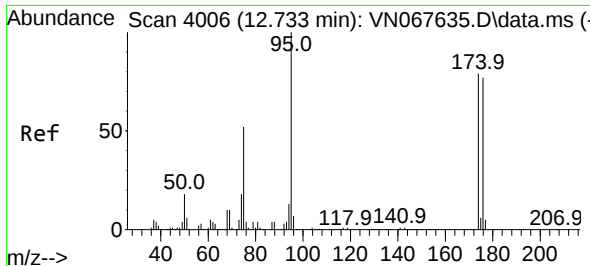
Tgt Ion: 63 Resp: 934  
Ion Ratio Lower Upper  
63 100  
106 10.3 19.8 29.8#



#59  
2-Hexanone  
Concen: 1.088 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 4839  
Ion Ratio Lower Upper  
43 100  
58 44.5 24.7 74.1

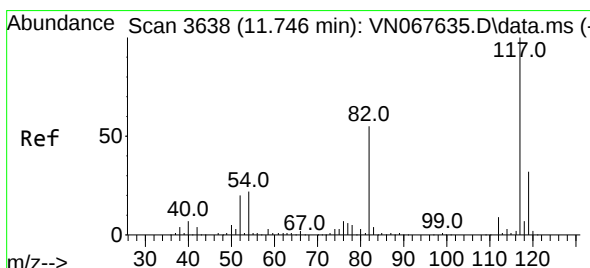
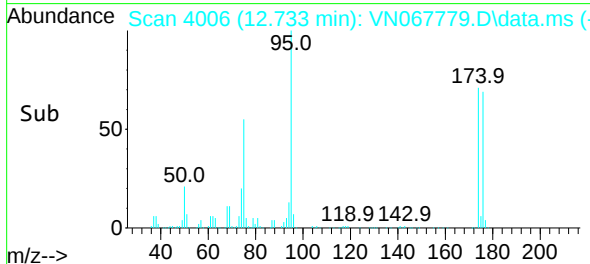
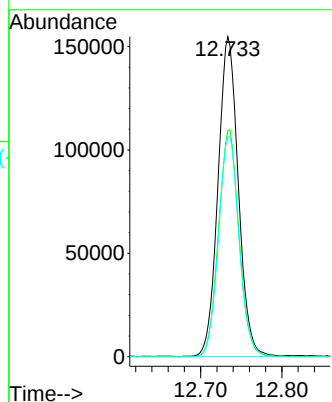
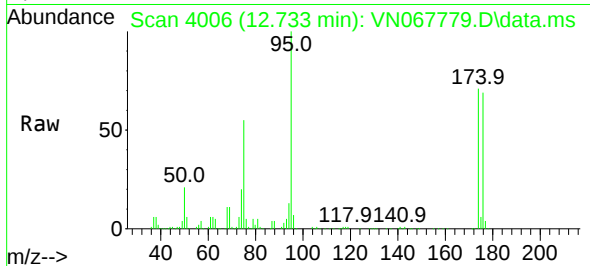




#62  
4-Bromofluorobenzene  
Concen: 45.938 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

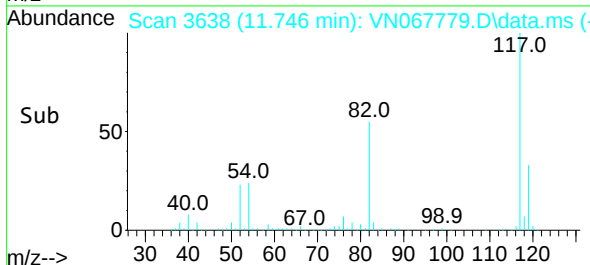
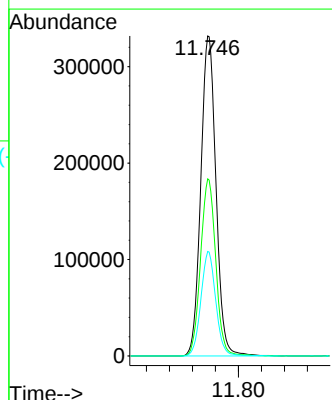
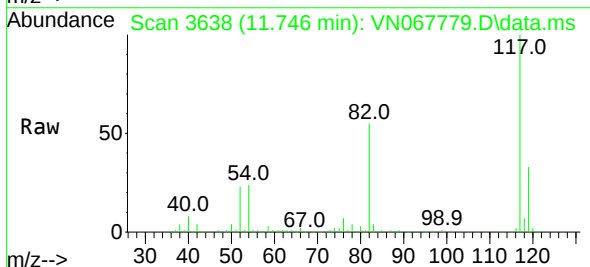
Instrument :  
MSVOA\_N  
ClientSampleId :

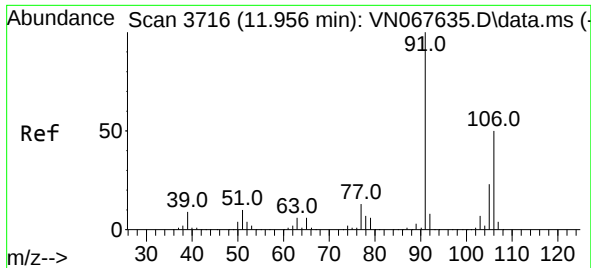
Tgt Ion: 95 Resp: 268797  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 122.0  
176 69.6 0.0 117.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 117 Resp: 608248  
Ion Ratio Lower Upper  
117 100  
82 55.3 53.1 79.7  
119 32.6 25.5 38.3

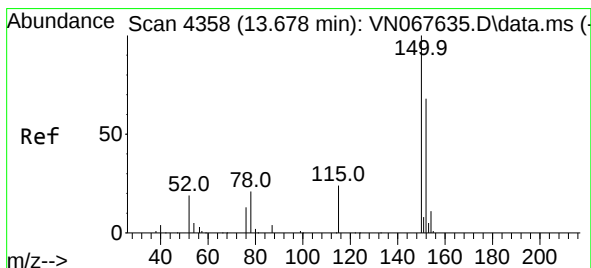
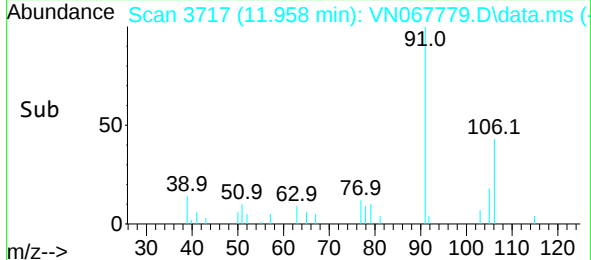
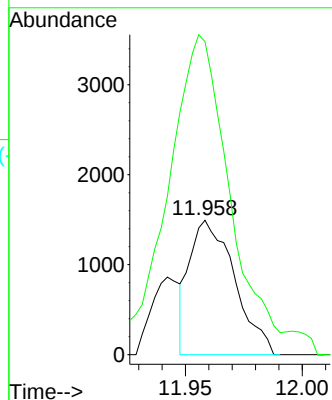
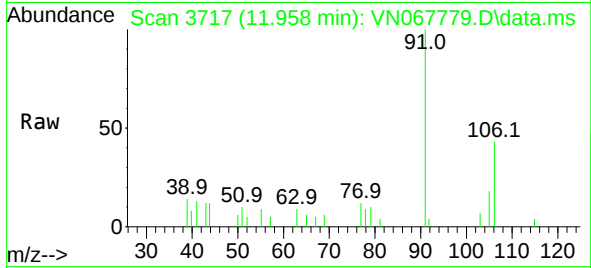




#68  
m/p-Xylenes  
Concen: 0.232 ug/l  
RT: 11.958 min Scan# 3717  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

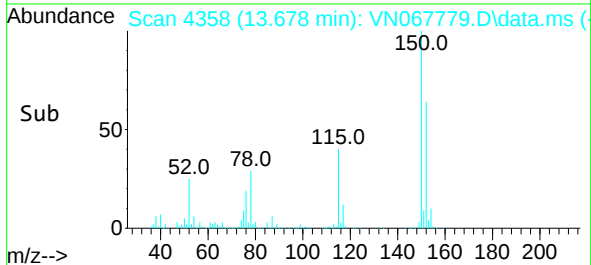
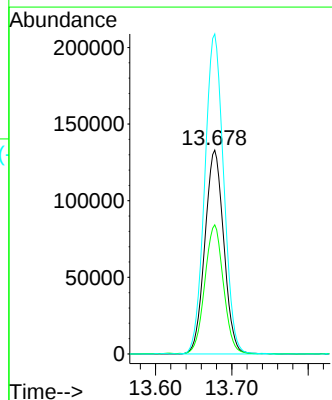
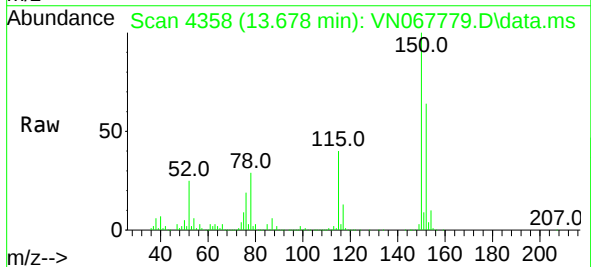
Instrument :  
MSVOA\_N  
ClientSampled :

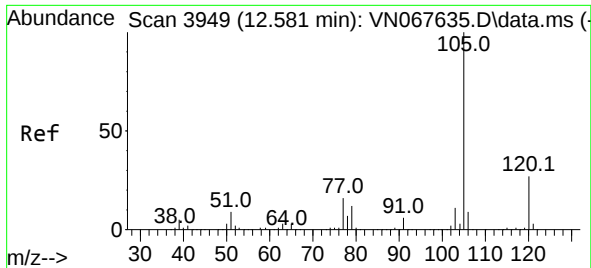
Tgt Ion:106 Resp: 1993  
Ion Ratio Lower Upper  
106 100  
91 328.0 180.6 270.8#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion:152 Resp: 228823  
Ion Ratio Lower Upper  
152 100  
115 62.3 36.1 108.5  
150 157.5 0.0 351.8

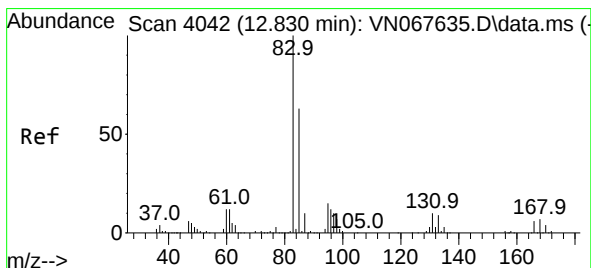
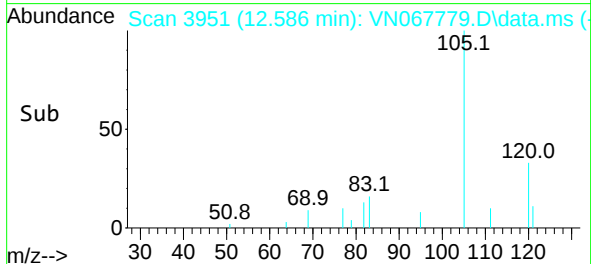
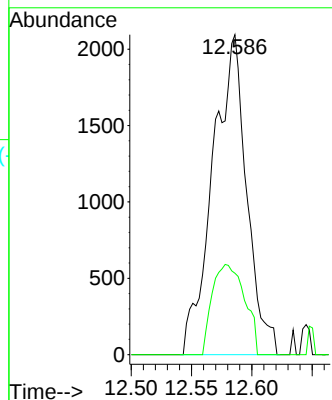
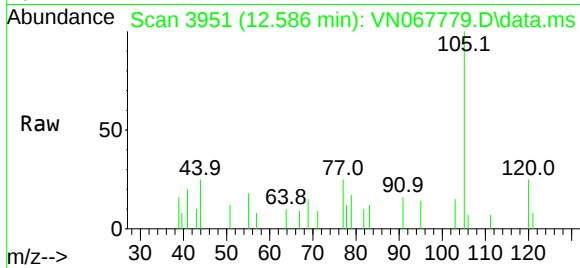




#73  
Isopropylbenzene  
Concen: 0.222 ug/l  
RT: 12.586 min Scan# 3951  
Delta R.T. 0.005 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

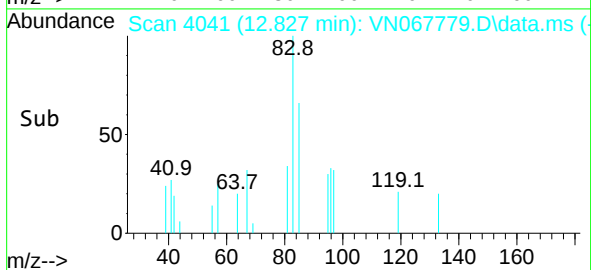
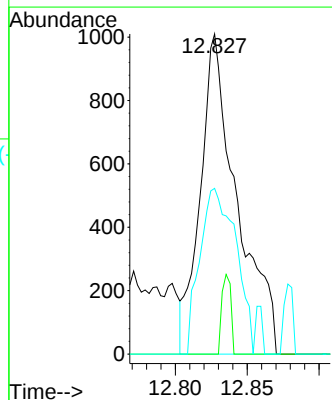
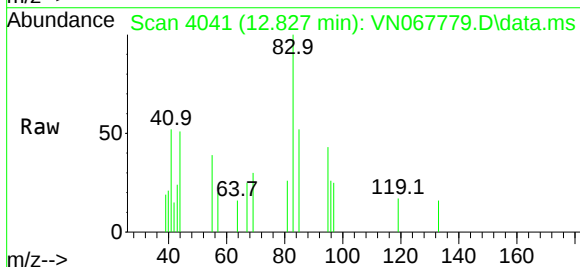
Instrument :  
MSVOA\_N  
ClientSampled :

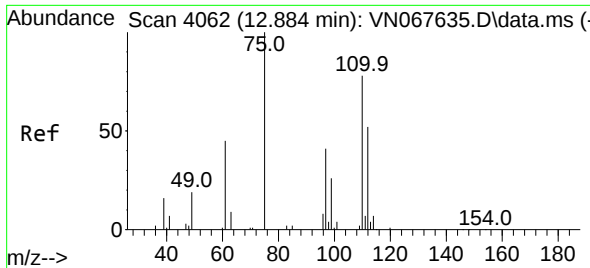
Tgt Ion:105 Resp: 4098  
Ion Ratio Lower Upper  
105 100  
120 26.9 12.5 37.5



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.336 ug/l  
RT: 12.827 min Scan# 4041  
Delta R.T. -0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion: 83 Resp: 1798  
Ion Ratio Lower Upper  
83 100  
131 6.0 4.8 14.4  
85 50.8 32.2 96.6

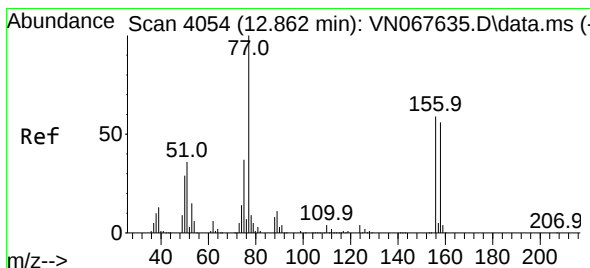
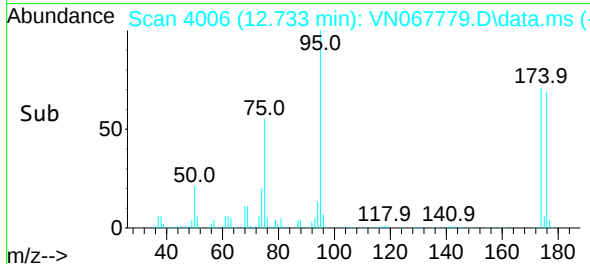
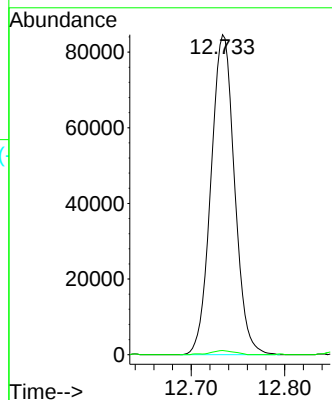
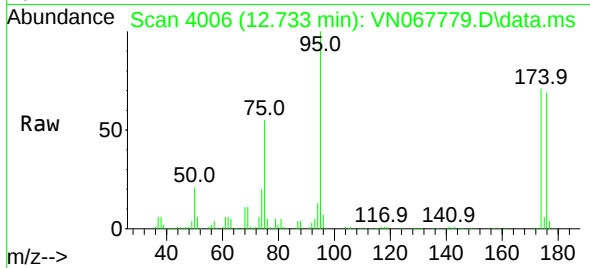




#76  
1,2,3-Trichloropropane  
Concen: 31.747 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

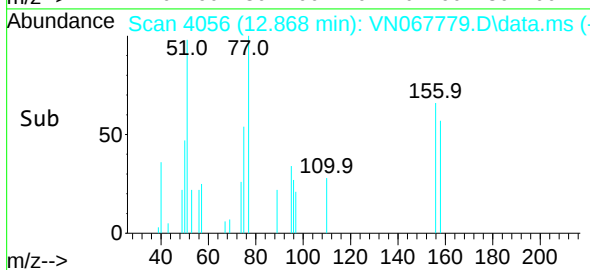
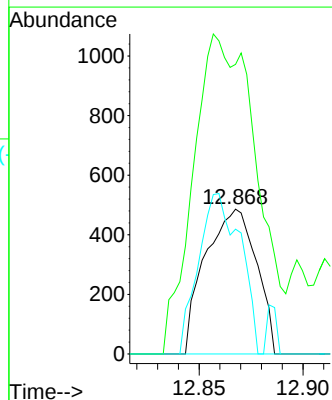
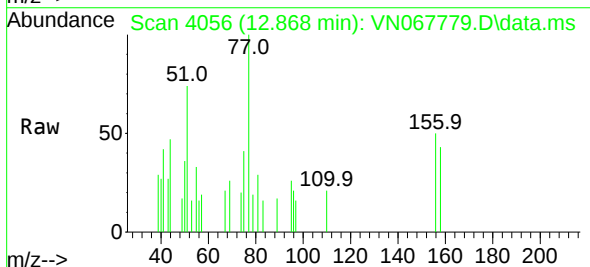
Instrument :  
MSVOA\_N  
ClientSampleId :

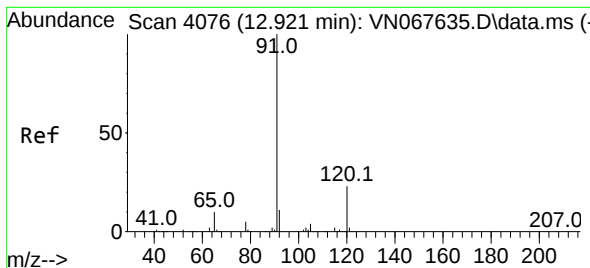
Tgt Ion: 75 Resp: 148355  
Ion Ratio Lower Upper  
75 100  
77 1.2 0.0 0.0#



#77  
Bromobenzene  
Concen: 0.203 ug/l  
RT: 12.868 min Scan# 4056  
Delta R.T. 0.006 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion:156 Resp: 831  
Ion Ratio Lower Upper  
156 100  
77 159.1 136.2 408.6  
158 90.7 48.4 145.3





#78

n-propylbenzene

Concen: 0.246 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN067779.D

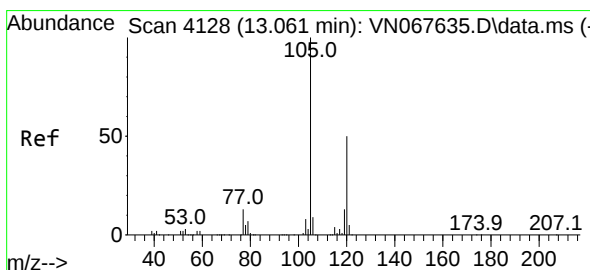
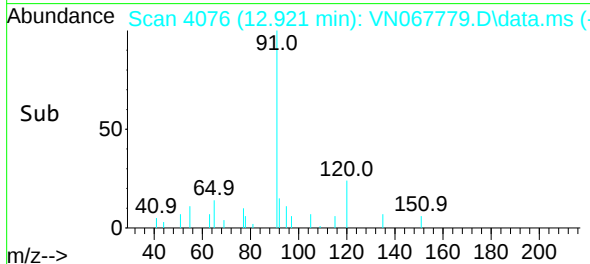
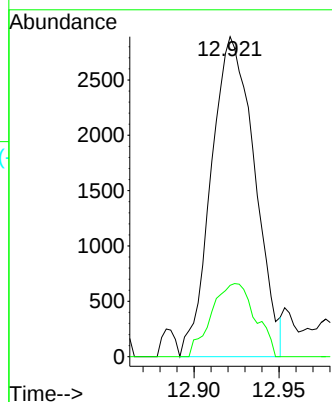
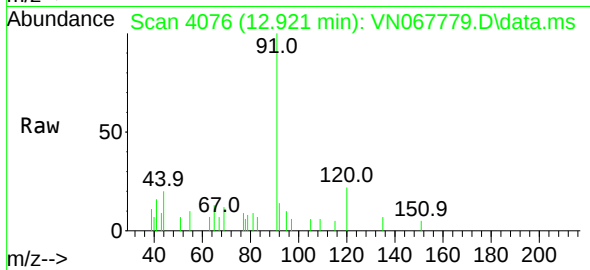
Acq: 16 Jul 2021 17:47

Tgt Ion: 91 Resp: 5140

Ion Ratio Lower Upper

91 100

120 22.9 10.4 31.4



#80

1,3,5-Trimethylbenzene

Concen: 0.227 ug/l

RT: 13.063 min Scan# 4129

Delta R.T. 0.002 min

Lab File: VN067779.D

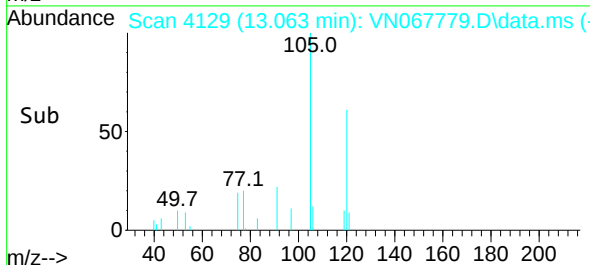
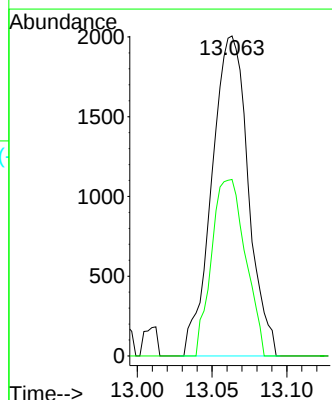
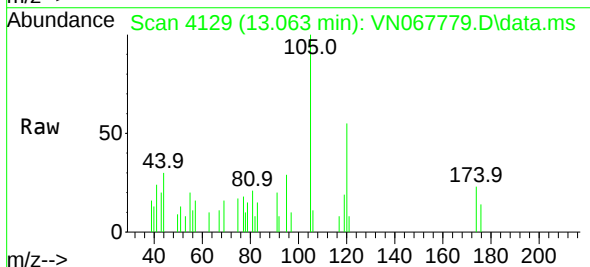
Acq: 16 Jul 2021 17:47

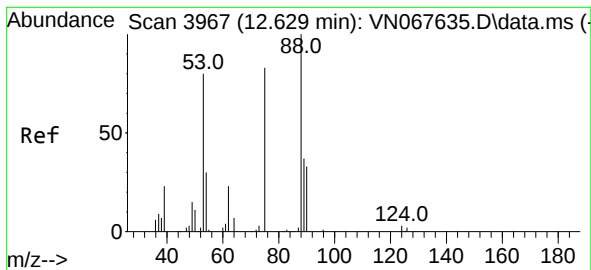
Tgt Ion: 105 Resp: 3400

Ion Ratio Lower Upper

105 100

120 51.2 22.2 66.6

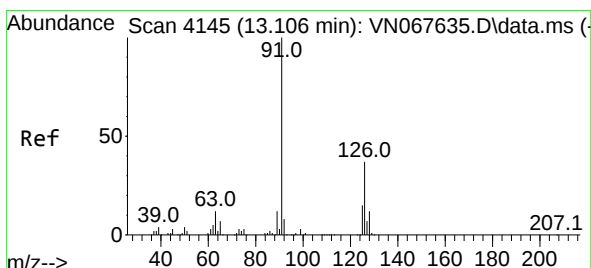
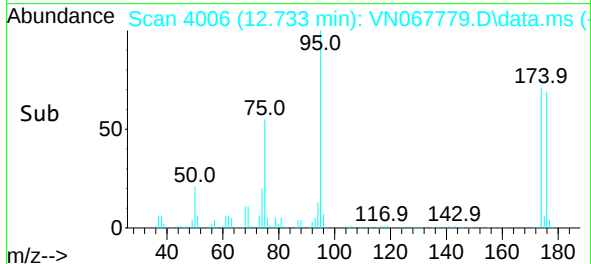
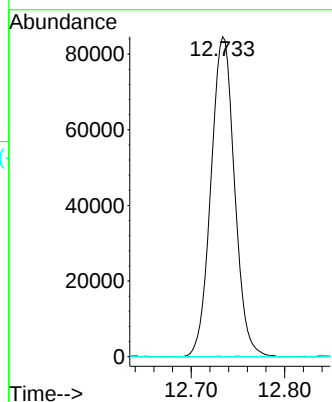
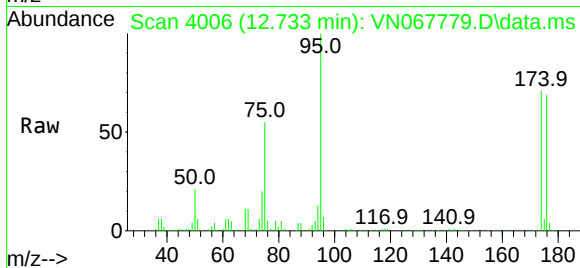




#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.357 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

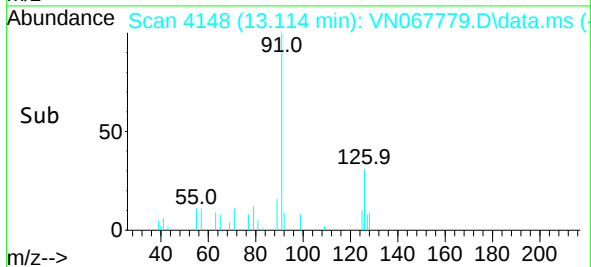
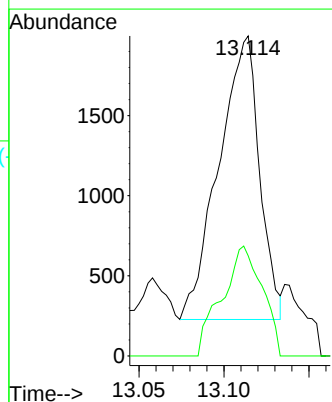
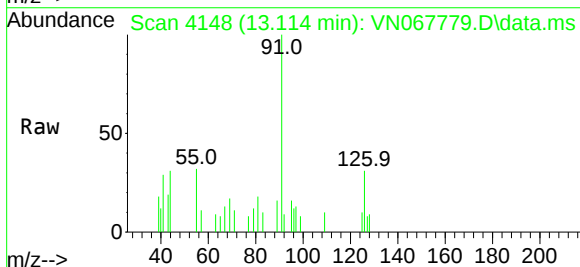
Instrument :  
MSVOA\_N  
ClientSampleId :

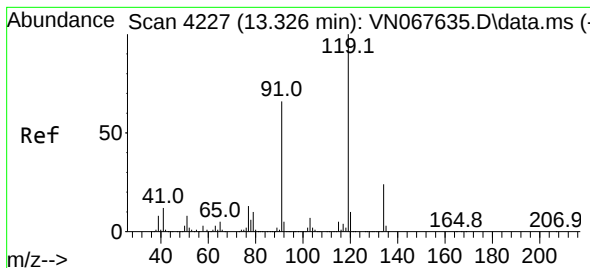
Tgt Ion: 75 Resp: 148355  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#



#82  
4-Chlorotoluene  
Concen: 0.236 ug/l  
RT: 13.114 min Scan# 4148  
Delta R.T. 0.008 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

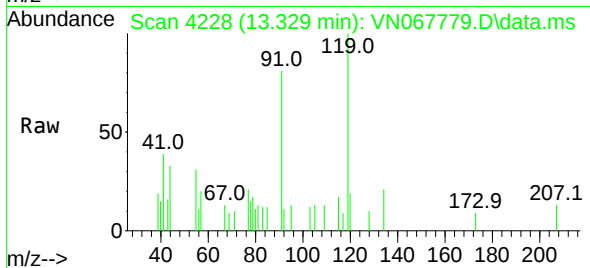
Tgt Ion: 91 Resp: 2945  
Ion Ratio Lower Upper  
91 100  
126 38.6 14.8 44.4



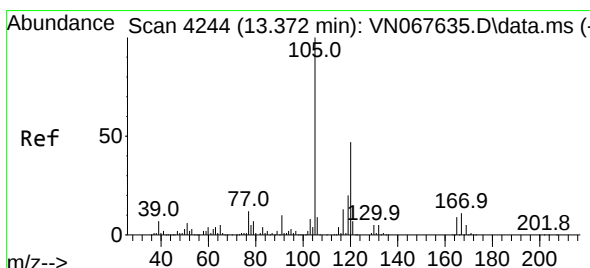
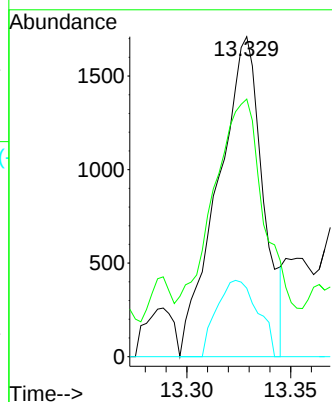
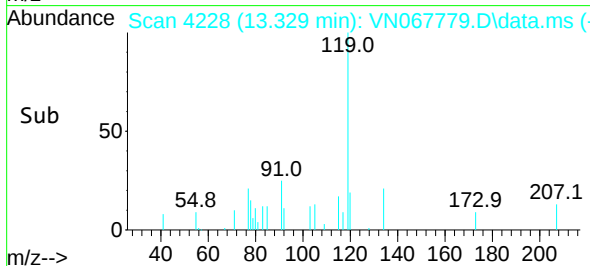


#83  
tert-Butylbenzene  
Concen: 0.202 ug/l  
RT: 13.329 min Scan# 4228  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

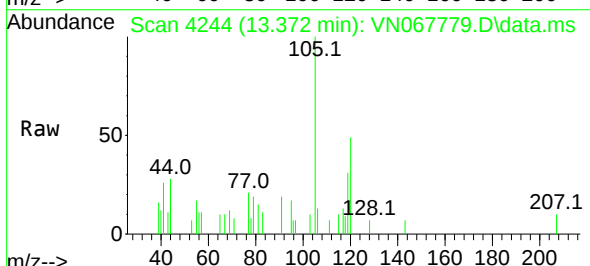
Instrument :  
MSVOA\_N  
ClientSampled :



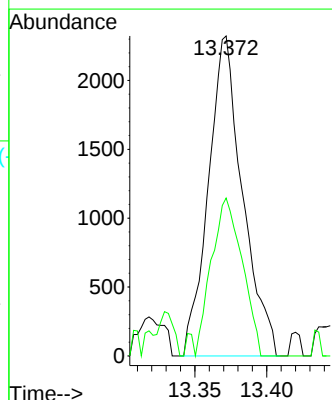
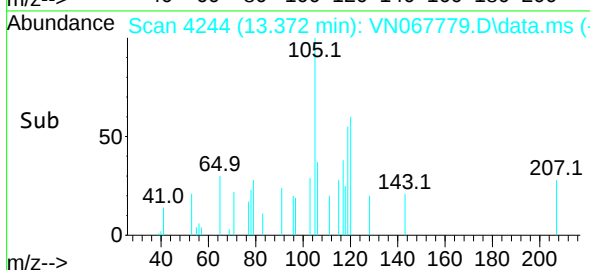
Tgt Ion:119 Resp: 2571  
Ion Ratio Lower Upper  
119 100  
91 72.2 39.5 118.5  
134 21.8 12.0 36.0

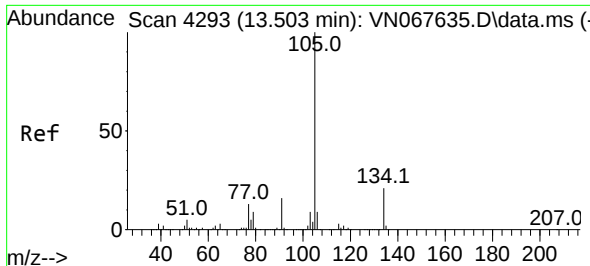


#84  
1,2,4-Trimethylbenzene  
Concen: 0.262 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. -0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47



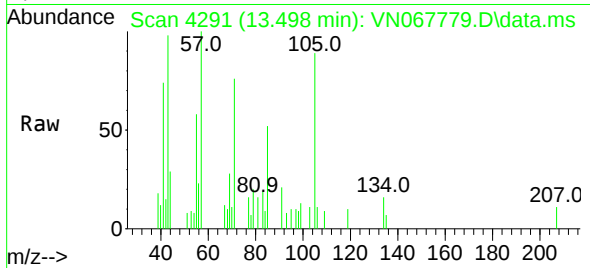
Tgt Ion:105 Resp: 3839  
Ion Ratio Lower Upper  
105 100  
120 44.5 20.6 61.8



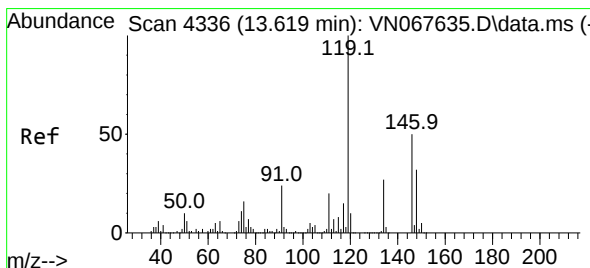
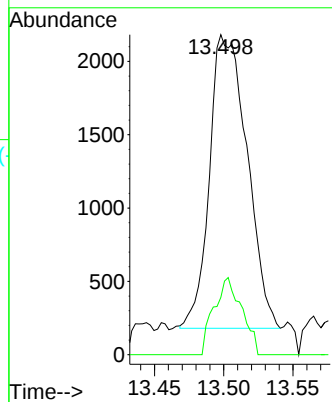
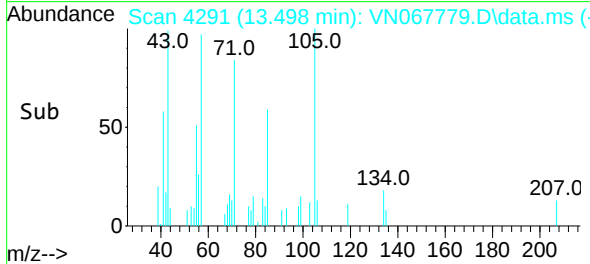


#85  
 sec-Butylbenzene  
 Concen: 0.213 ug/l  
 RT: 13.498 min Scan# 4291  
 Delta R.T. -0.005 min  
 Lab File: VN067779.D  
 Acq: 16 Jul 2021 17:47

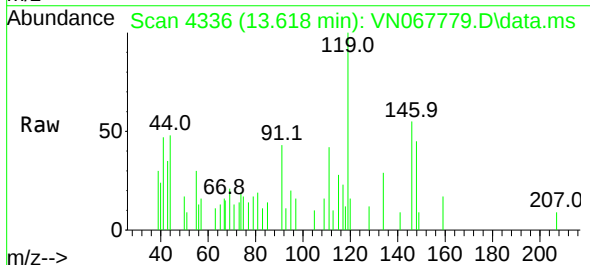
Instrument :  
 MSVOA\_N  
 ClientSampled :



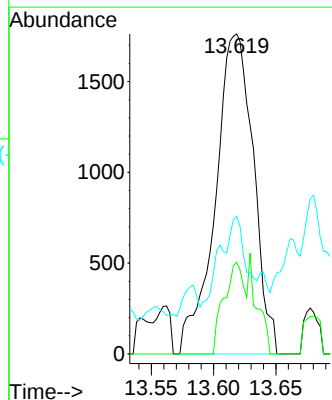
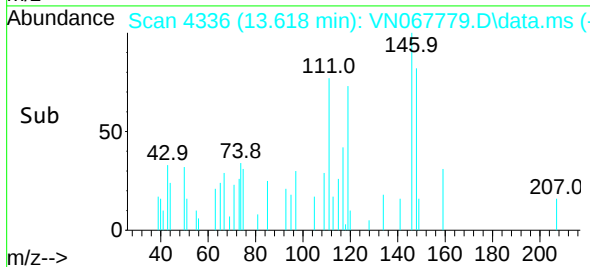
Tgt Ion:105 Resp: 3767  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.0 27.1

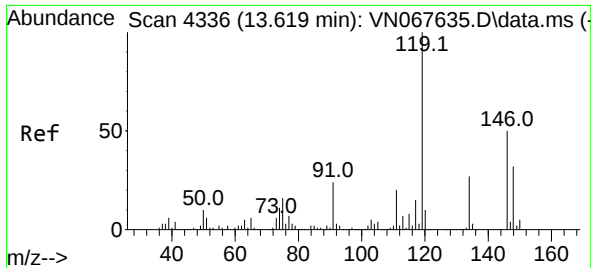


#86  
 p-Isopropyltoluene  
 Concen: 0.263 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. -0.001 min  
 Lab File: VN067779.D  
 Acq: 16 Jul 2021 17:47



Tgt Ion:119 Resp: 3743  
 Ion Ratio Lower Upper  
 119 100  
 134 15.5 12.4 37.4  
 91 12.6 14.8 44.3#



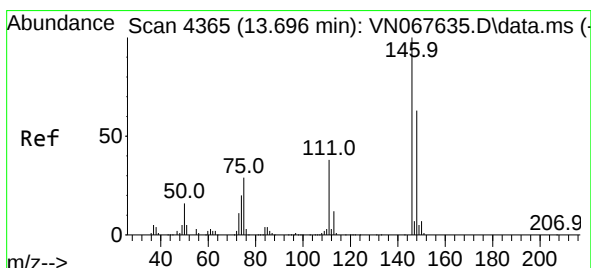
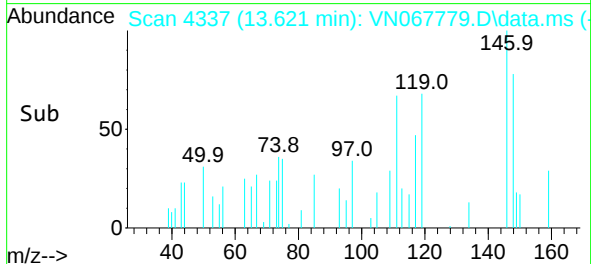
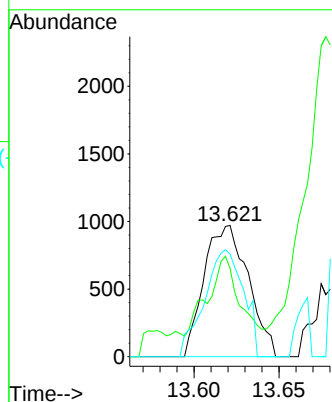
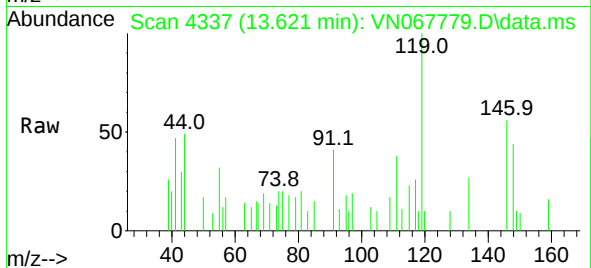


#87

1,3-Dichlorobenzene  
Concen: 0.231 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. 0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Instrument :  
MSVOA\_N  
ClientSampleId :

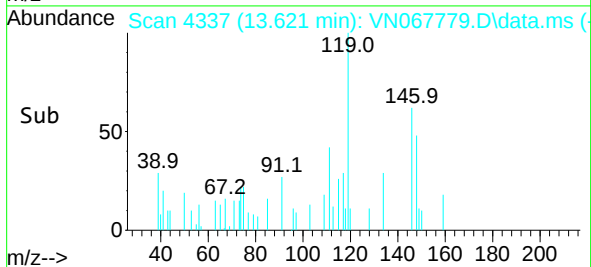
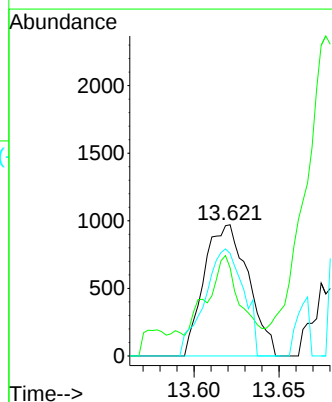
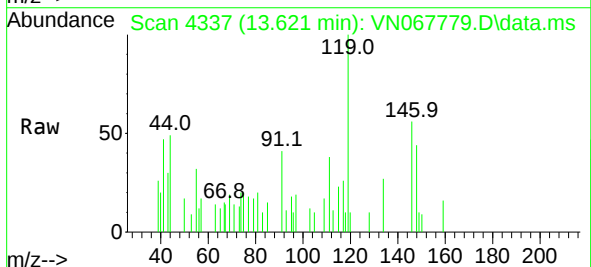
Tgt Ion:146 Resp: 1752  
Ion Ratio Lower Upper  
146 100  
111 60.2 24.3 72.8  
148 72.0 32.0 96.0

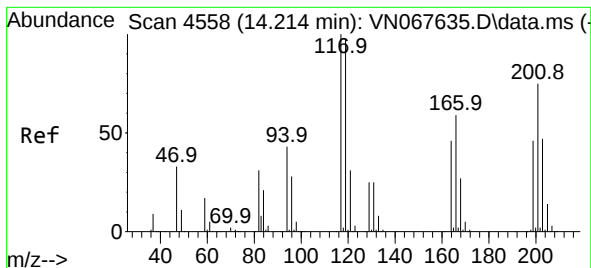


#88

1,4-Dichlorobenzene  
Concen: 0.226 ug/l  
RT: 13.621 min Scan# 4337  
Delta R.T. -0.075 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

Tgt Ion:146 Resp: 1752  
Ion Ratio Lower Upper  
146 100  
111 47.5 23.4 70.2  
148 72.0 31.8 95.3

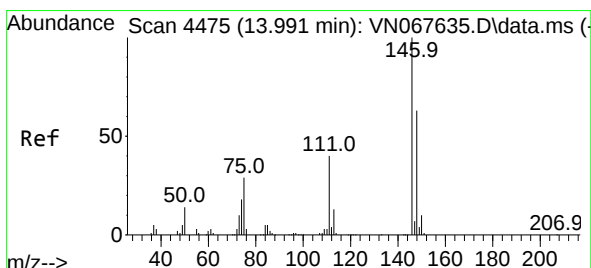
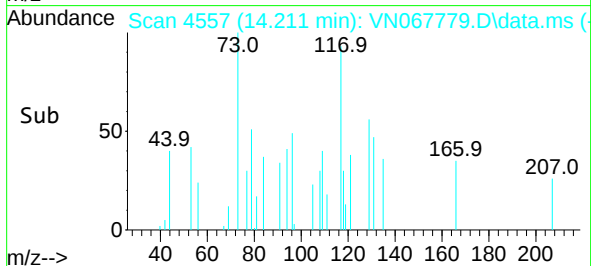
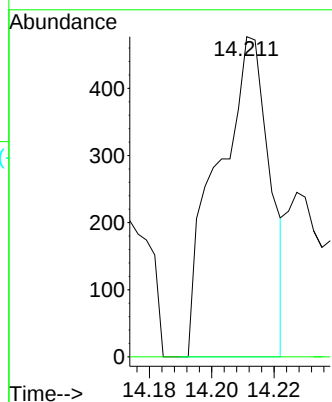
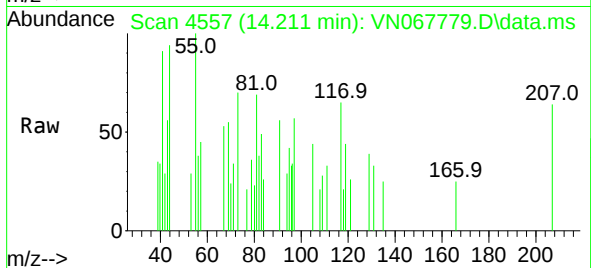




#90  
Hexachloroethane  
Concen: 0.235 ug/l  
RT: 14.211 min Scan# 4557  
Delta R.T. -0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

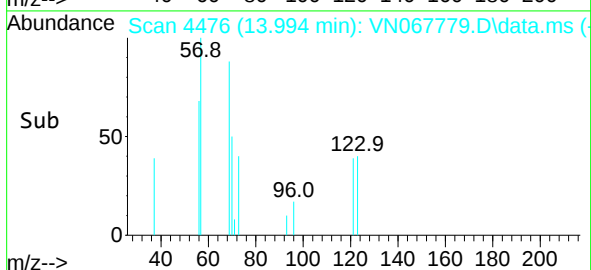
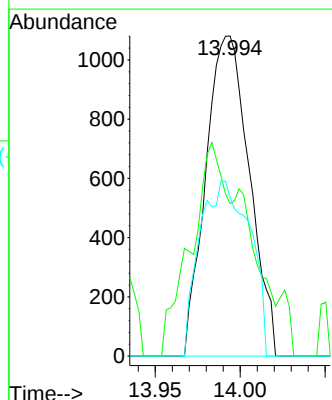
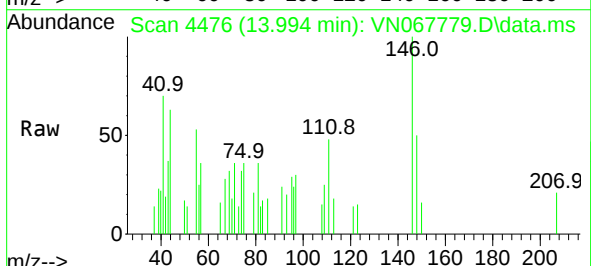
Instrument :  
MSVOA\_N  
ClientSampleId :

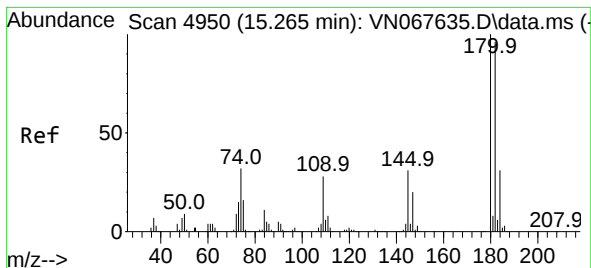
Tgt Ion:117 Resp: 556  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.5 100.5#



#91  
1,2-Dichlorobenzene  
Concen: 0.263 ug/l  
RT: 13.994 min Scan# 4476  
Delta R.T. 0.003 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

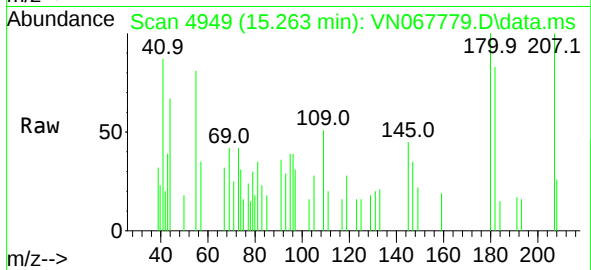
Tgt Ion:146 Resp: 1928  
Ion Ratio Lower Upper  
146 100  
111 54.9 24.9 74.6  
148 62.8 31.6 95.0



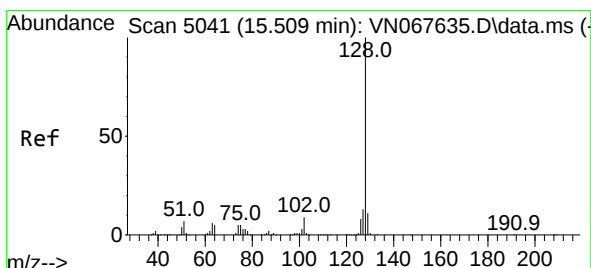
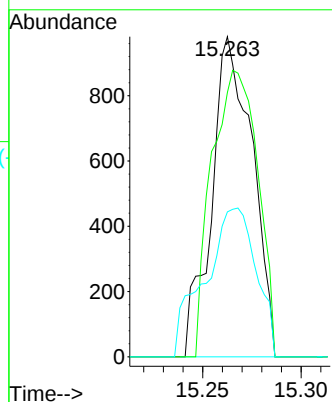
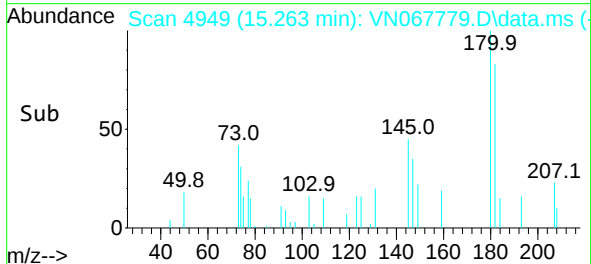


#93  
1,2,4-Trichlorobenzene  
Concen: 0.448 ug/l  
RT: 15.263 min Scan# 4949  
Delta R.T. -0.002 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47

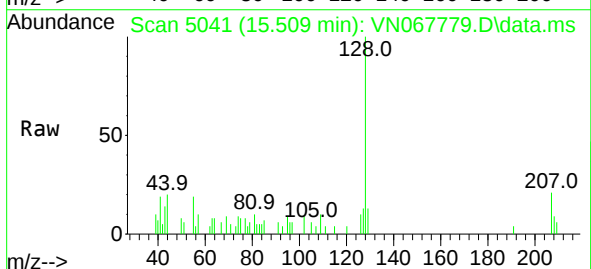
Instrument :  
MSVOA\_N  
ClientSampleId :



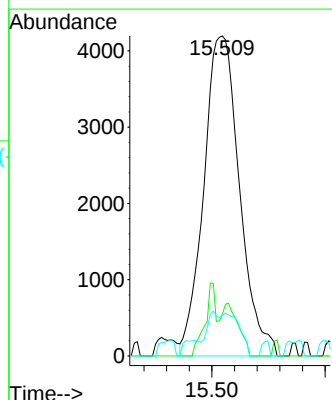
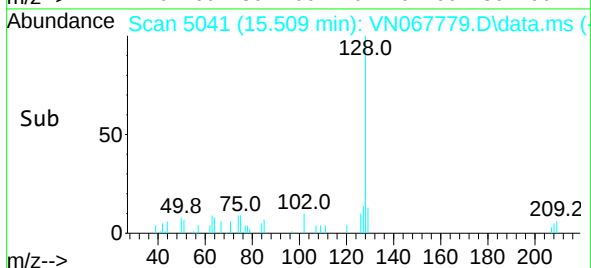
Tgt Ion:180 Resp: 1410  
Ion Ratio Lower Upper  
180 100  
182 101.0 47.5 142.5  
145 58.9 17.2 51.6#

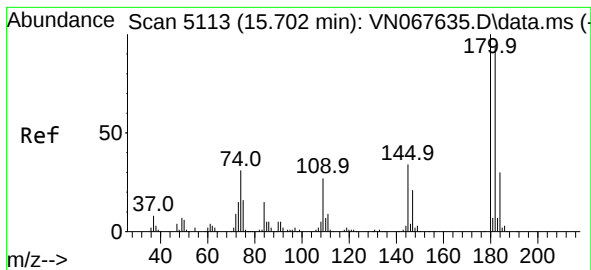


#95  
Naphthalene  
Concen: 1.035 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067779.D  
Acq: 16 Jul 2021 17:47



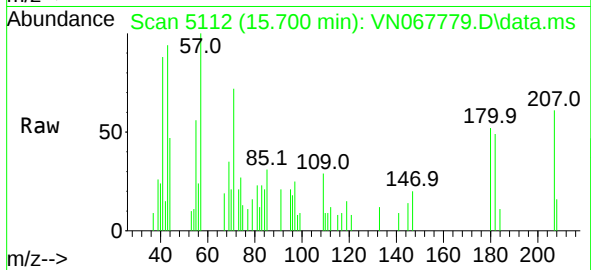
Tgt Ion:128 Resp: 9187  
Ion Ratio Lower Upper  
128 100  
127 7.4 10.6 15.8#  
129 0.0 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.550 ug/l  
 RT: 15.700 min Scan# 5112  
 Delta R.T. -0.002 min  
 Lab File: VN067779.D  
 Acq: 16 Jul 2021 17:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1674  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 98.6  | 47.8  | 143.3 |
| 145      | 31.7  | 18.2  | 54.6  |

