

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071321\  
 Data File : VN067713.D  
 Acq On : 13 Jul 2021 13:11  
 Operator : JC/MD  
 Sample : M2968-03  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 13 22:16:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 354347   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 651991   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 612193   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 222356   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 272135   | 50.816   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 101.640% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 198212   | 50.318   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 100.640% |      |
| 50) Toluene-d8              | 10.443 | 98    | 827646   | 50.196   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 100.400% |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 267230   | 45.879   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 91.760%  |      |

|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     | Qvalue |           |        |     |
| 5) Bromomethane               | 2.799  | 94  | 133    | Below Cal | #      | 4   |
| 6) Chloroethane               | 2.998  | 64  | 25     | Below Cal | #      | 44  |
| 7) Trichlorofluoromethane     | 3.360  | 101 | 214    | Below Cal | #      | 18  |
| 13) Acrolein                  | 4.033  | 56  | 117    | Below Cal | #      | 63  |
| 16) Acetone                   | 4.299  | 43  | 7275   | 4.317     | ug/l   | 91  |
| 17) Carbon Disulfide          | 4.519  | 76  | 1913   | 0.219     | ug/l # | 74  |
| 20) Methylene Chloride        | 5.090  | 84  | 4383   | 0.424     | ug/l # | 80  |
| 28) Bromochloromethane        | 7.817  | 49  | 1512   | 0.423     | ug/l # | 22  |
| 29) Tetrahydrofuran           | 7.699  | 42  | 1738   | 0.945     | ug/l # | 45  |
| 30) Chloroform                | 7.817  | 83  | 29269  | 3.556     | ug/l   | 98  |
| 31) Cyclohexane               | 8.088  | 56  | 9525   | 1.268     | ug/l # | 29  |
| 36) 1,1-Dichloropropene       | 8.086  | 75  | 31878  | 5.264     | ug/l # | 51  |
| 38) Carbon Tetrachloride      | 8.086  | 117 | 40196  | 6.729     | ug/l # | 16  |
| 47) Bromodichloromethane      | 9.759  | 83  | 1874   | 0.294     | ug/l # | 74  |
| 49) 1,4-Dioxane               | 9.571  | 88  | 127    | 33.487    | ug/l # | 10  |
| 51) 4-Methyl-2-Pentanone      | 10.338 | 43  | 3424   | 0.540     | ug/l   | 96  |
| 52) Toluene                   | 10.505 | 92  | 2513   | 0.212     | ug/l   | 94  |
| 53) t-1,3-Dichloropropene     | 10.711 | 75  | 202    | 1.770     | ug/l # | 43  |
| 59) 2-Hexanone                | 11.089 | 43  | 7140   | 1.613     | ug/l   | 91  |
| 60) Dibromochloromethane      | 10.977 | 129 | 252    | 2.400     | ug/l # | 11  |
| 71) Bromoform                 | 12.460 | 173 | 56     | 3.189     | ug/l # | 29  |
| 74) N-amyl acetate            | 12.393 | 43  | 3457   | 0.531     | ug/l # | 93  |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 149849 | 33.000    | ug/l # | 100 |
| 78) n-propylbenzene           | 12.924 | 91  | 4328   | 0.213     | ug/l   | 90  |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75  | 149849 | 106.395   | ug/l # | 6   |
| 82) 4-Chlorotoluene           | 13.106 | 91  | 3183   | 0.262     | ug/l   | 93  |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105 | 3285   | 0.231     | ug/l   | 97  |
| 86) p-Isopropyltoluene        | 13.619 | 119 | 3028   | 0.219     | ug/l   | 95  |
| 87) 1,3-Dichlorobenzene       | 13.619 | 146 | 2416   | 0.328     | ug/l # | 69  |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146 | 3585   | 0.475     | ug/l # | 56  |
| 89) n-Butylbenzene            | 13.946 | 91  | 6105   | 0.514     | ug/l   | 99  |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146 | 2569   | 0.361     | ug/l   | 97  |
| 92) 1,2-Dibromo-3-Chloropr... | 14.608 | 75  | 329    | 0.364     | ug/l # | 50  |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180 | 3884   | 3.667     | ug/l   | 95  |
| 94) Hexachlorobutadiene       | 15.373 | 225 | 729    | 0.488     | ug/l   | 91  |
| 95) Naphthalene               | 15.512 | 128 | 19875  | 4.728     | ug/l # | 92  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN071321\  
Data File : VN067713.D  
Acq On : 13 Jul 2021 13:11  
Operator : JC/MD  
Sample : M2968-03  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

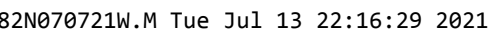
Instrument :  
MSVOA\_N  
ClientSampleId :

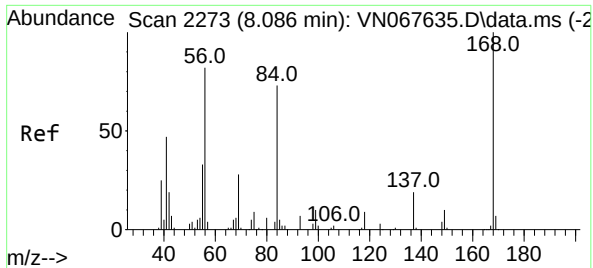
Quant Time: Jul 13 22:16:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.705 | 180  | 5221     | 4.026 | ug/l  | 95       |

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

Quant Time: Jul 13 22:16:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

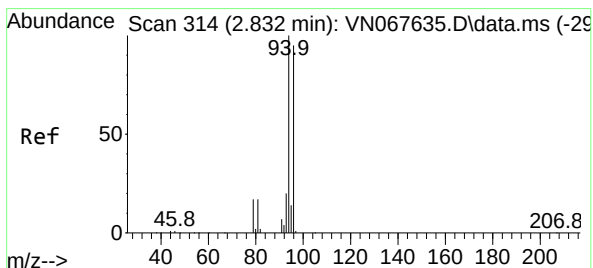
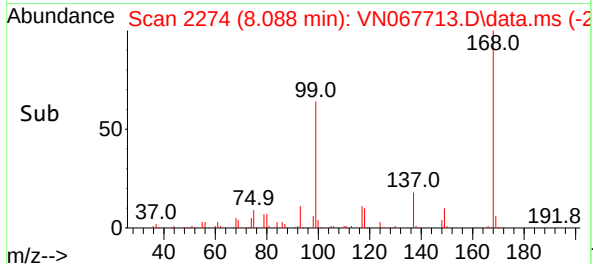
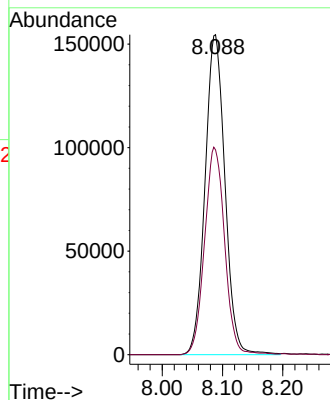
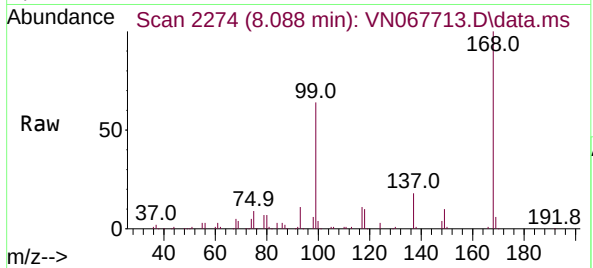




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

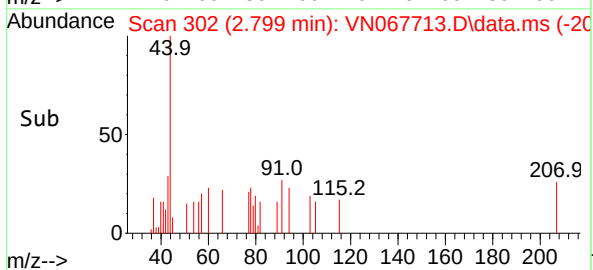
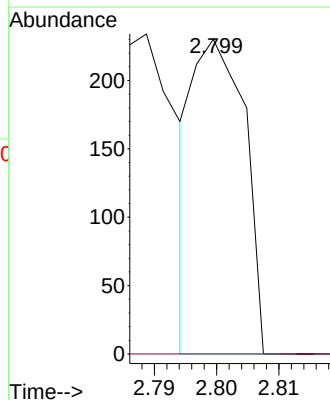
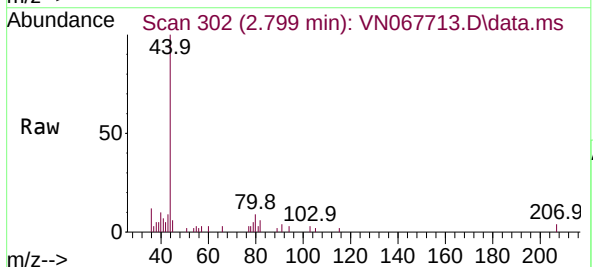
Instrument :  
MSVOA\_N  
ClientSampleId :

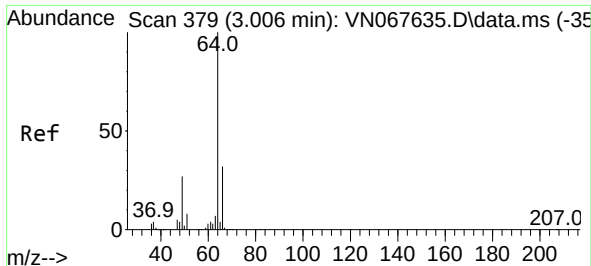
Tgt Ion:168 Resp: 354347  
Ion Ratio Lower Upper  
168 100  
99 64.0 62.9 94.3



#5  
Bromomethane  
Concen: Below Cal  
RT: 2.799 min Scan# 302  
Delta R.T. -0.033 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 94 Resp: 133  
Ion Ratio Lower Upper  
94 100  
96 0.0 73.7 110.5#

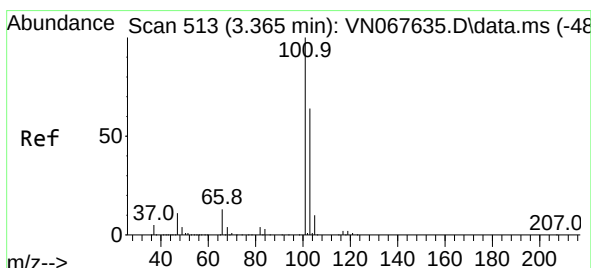
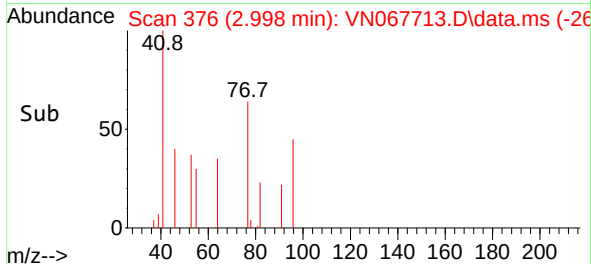
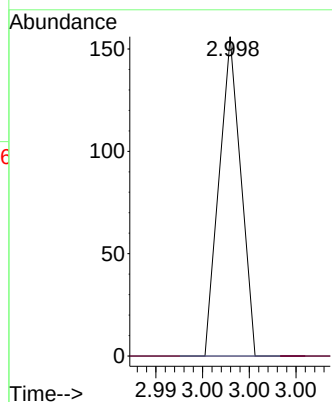
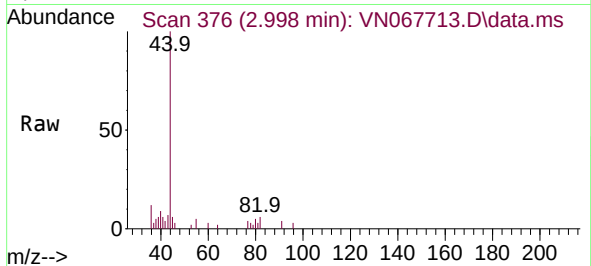




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.998 min Scan# 376  
Delta R.T. -0.008 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

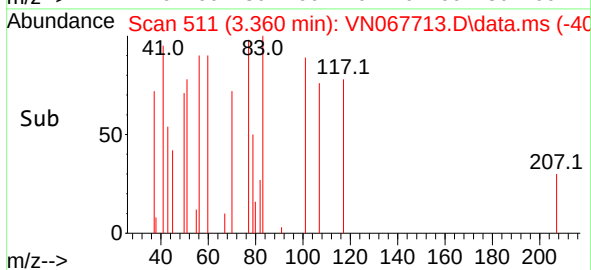
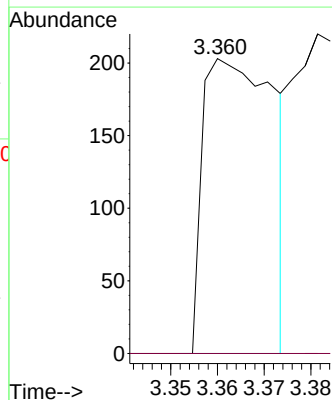
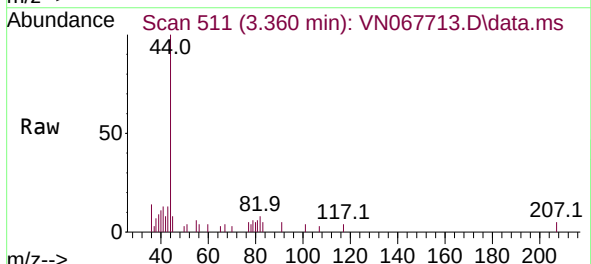
Instrument :  
MSVOA\_N  
ClientSampled :

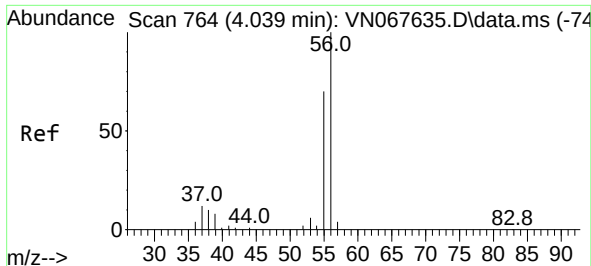
Tgt Ion: 64 Resp: 25  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.7 37.1#



#7  
Trichlorofluoromethane  
Concen: Below Cal  
RT: 3.360 min Scan# 511  
Delta R.T. -0.005 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 101 Resp: 214  
Ion Ratio Lower Upper  
101 100  
103 0.0 51.2 76.8#

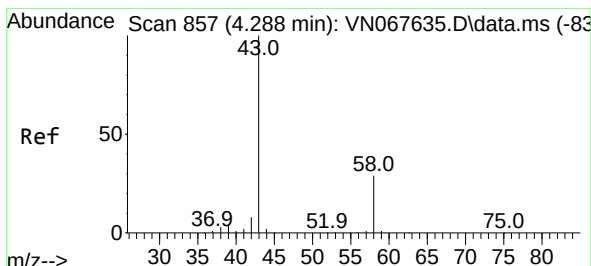
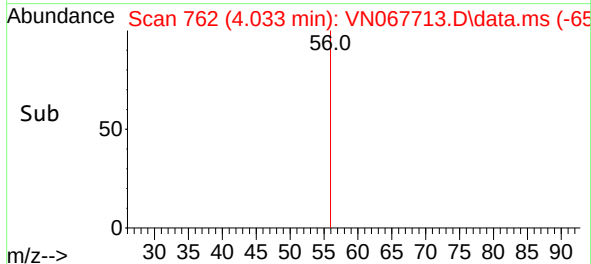
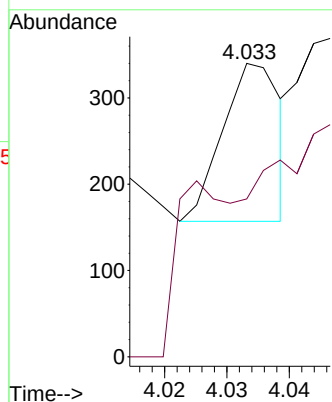
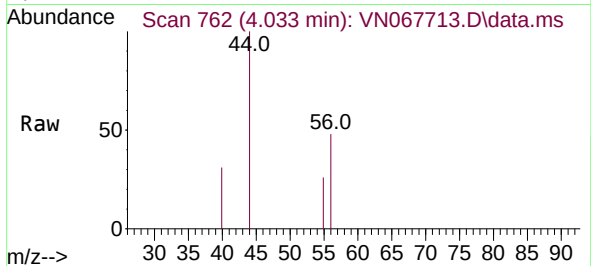




#13  
Acrolein  
Concen: Below Cal  
RT: 4.033 min Scan# 762  
Delta R.T. -0.006 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

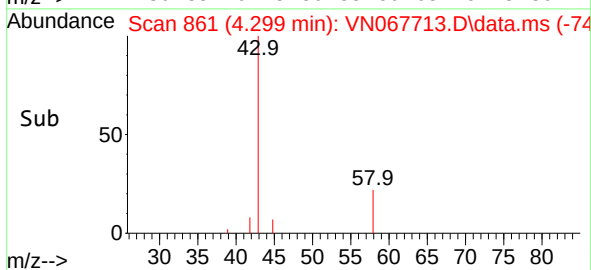
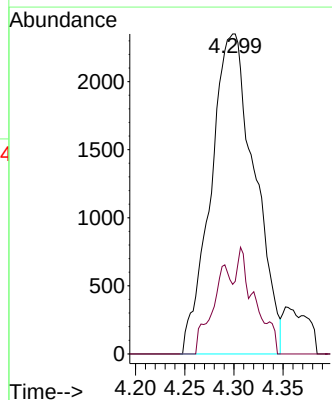
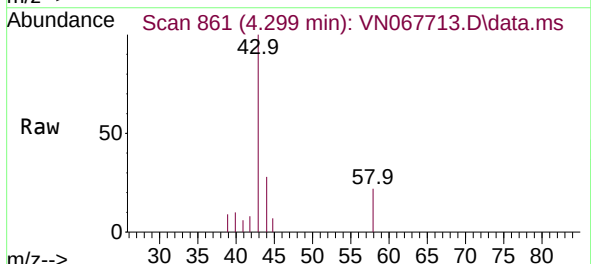
Instrument :  
MSVOA\_N  
ClientSampled :

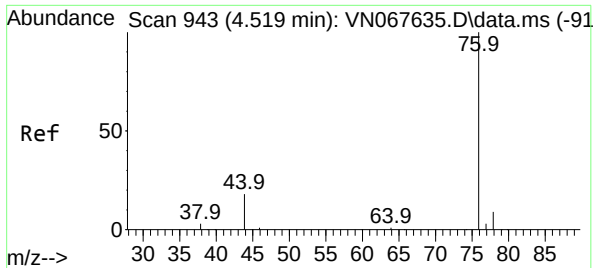
Tgt Ion: 56 Resp: 117  
Ion Ratio Lower Upper  
56 100  
55 102.6 57.4 86.0#



#16  
Acetone  
Concen: 4.317 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.011 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

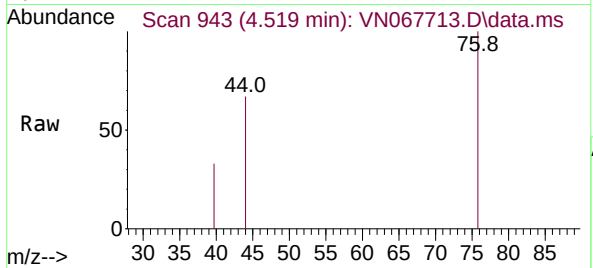
Tgt Ion: 43 Resp: 7275  
Ion Ratio Lower Upper  
43 100  
58 21.7 21.2 31.8



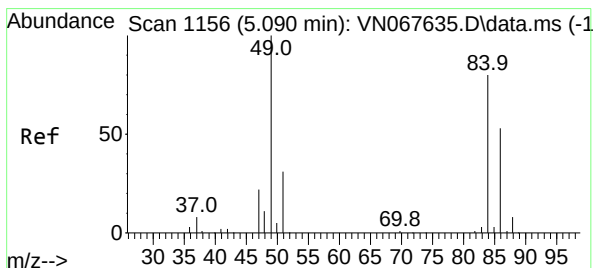
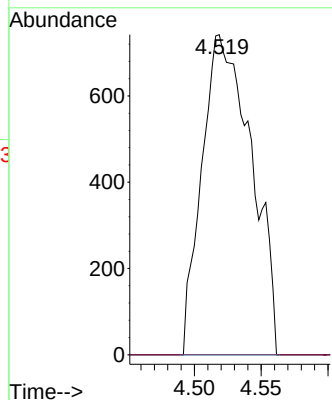
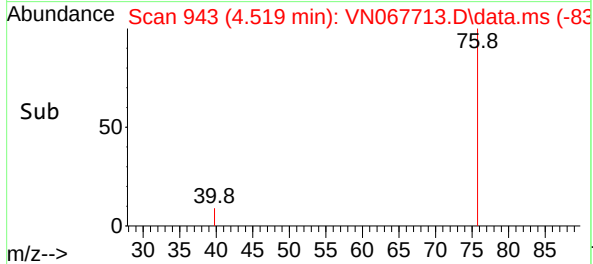


#17  
Carbon Disulfide  
Concen: 0.219 ug/l  
RT: 4.519 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

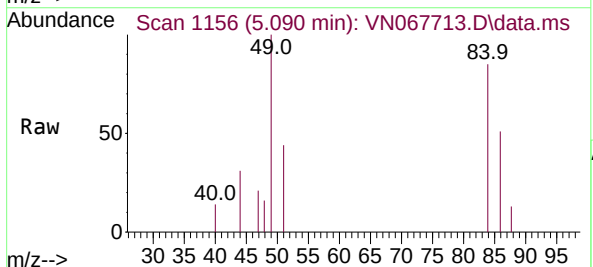
Instrument :  
MSVOA\_N  
ClientSampleId :



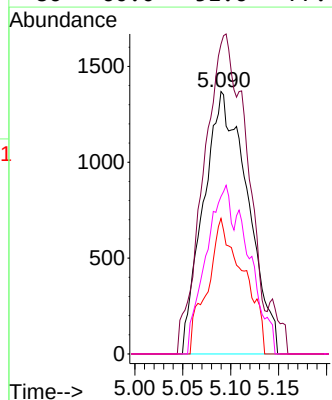
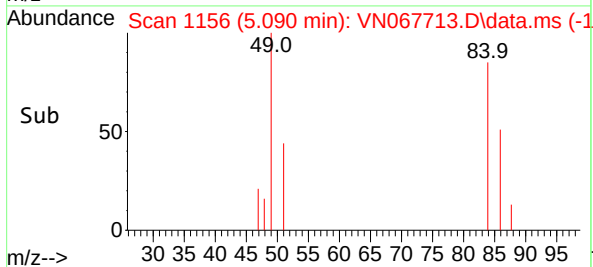
Tgt Ion: 76 Resp: 1913  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.7 11.5#

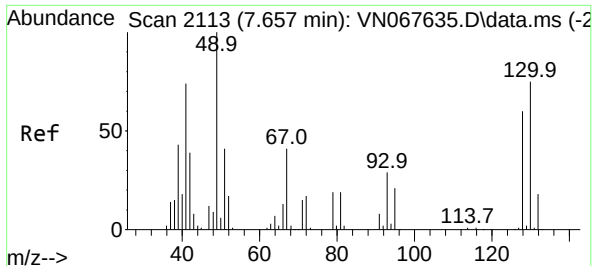


#20  
Methylene Chloride  
Concen: 0.424 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11



Tgt Ion: 84 Resp: 4383  
Ion Ratio Lower Upper  
84 100  
49 106.5 110.9 166.3#  
51 51.6 32.6 49.0#  
86 60.0 51.6 77.4





#28

Bromochloromethane

Concen: 0.423 ug/l

RT: 7.817 min Scan# 2173

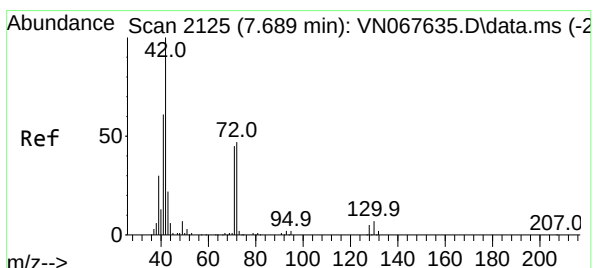
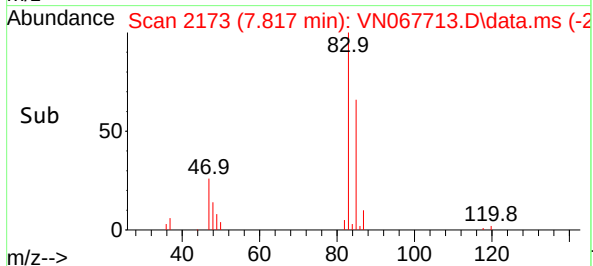
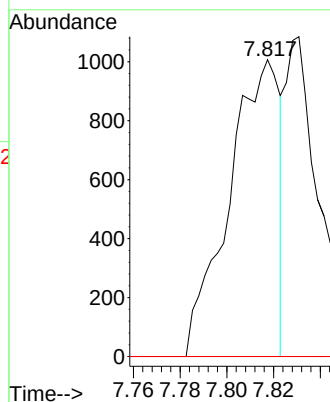
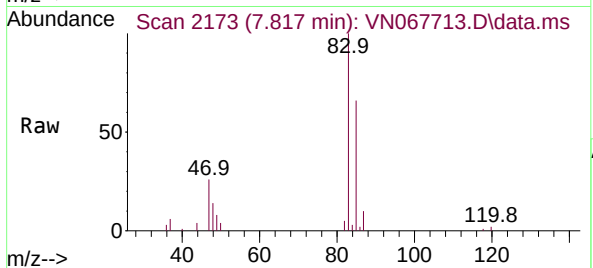
Delta R.T. 0.160 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 1512  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 0.0   | 49.7  | 74.5# |

Instrument :  
MSVOA\_N  
ClientSampled :



#29

Tetrahydrofuran

Concen: 0.945 ug/l

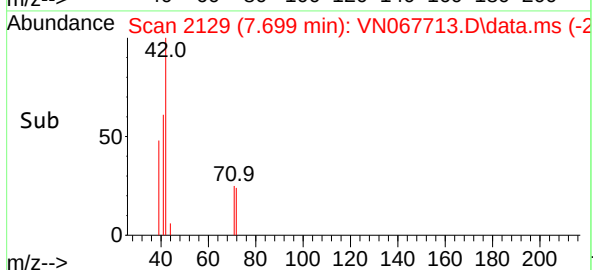
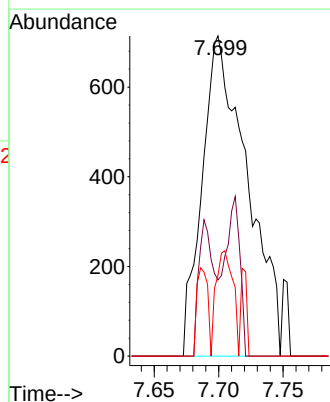
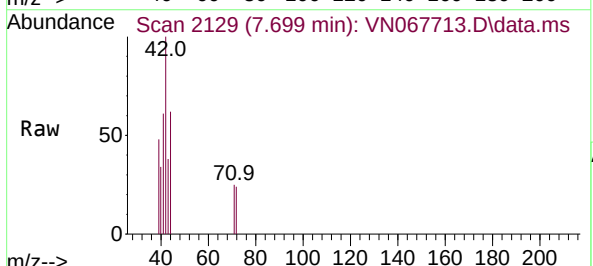
RT: 7.699 min Scan# 2129

Delta R.T. 0.010 min

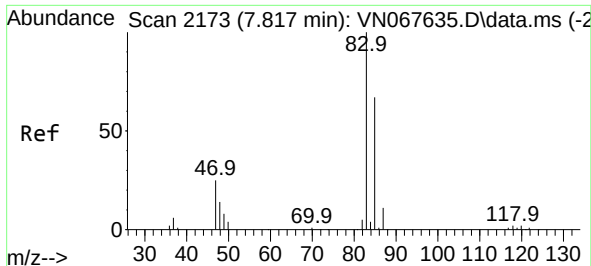
Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1738  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 32.8  | 49.2# |
| 71       | 12.3  | 31.2  | 46.8# |







#30

Chloroform

Concen: 3.556 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion: 83 Resp: 29269

Ion Ratio Lower Upper

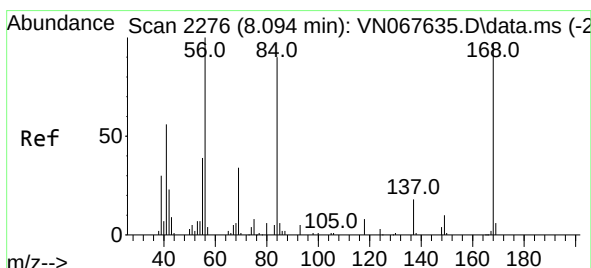
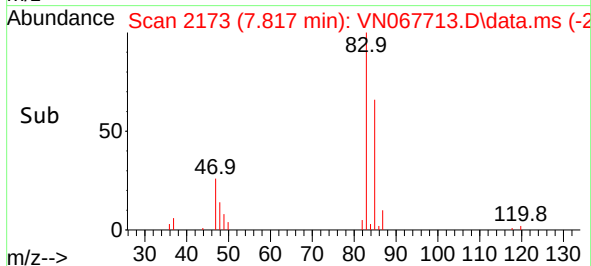
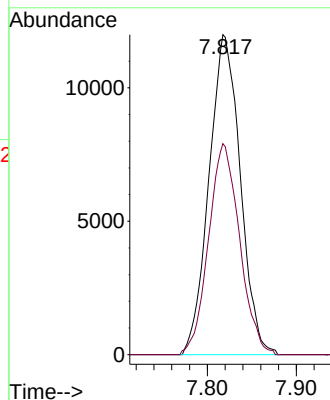
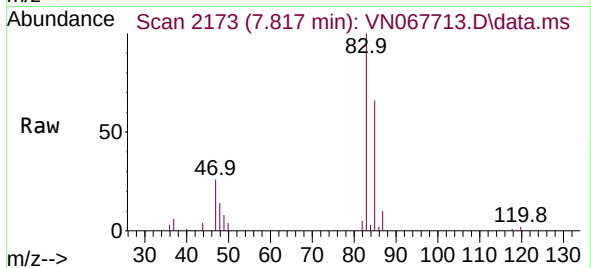
83 100

85 65.9 51.5 77.3

Instrument :

MSVOA\_N

ClientSampled :



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.006 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

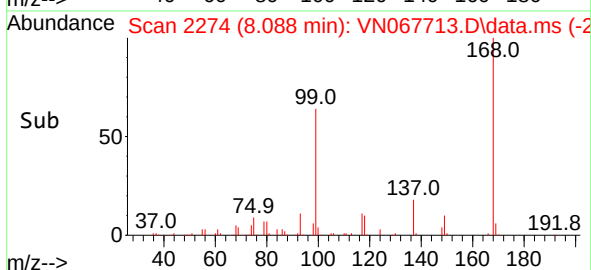
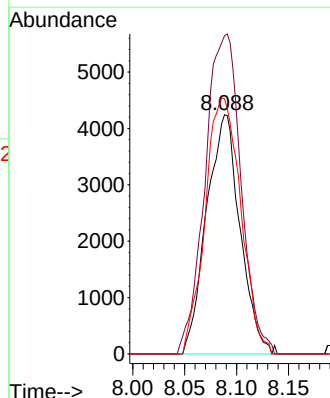
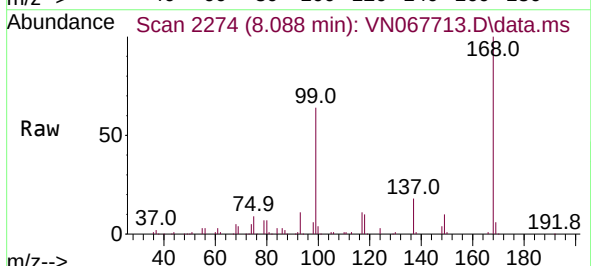
Tgt Ion: 56 Resp: 9525

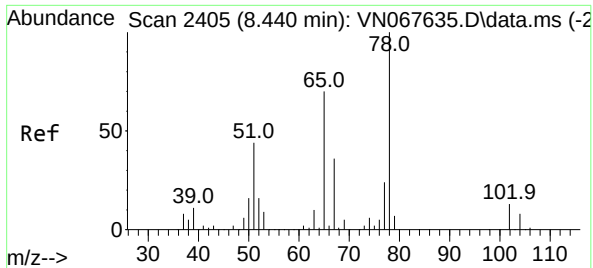
Ion Ratio Lower Upper

56 100

69 133.0 27.3 40.9#

84 106.6 64.9 97.3#

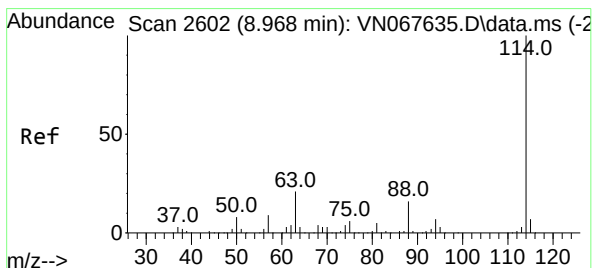
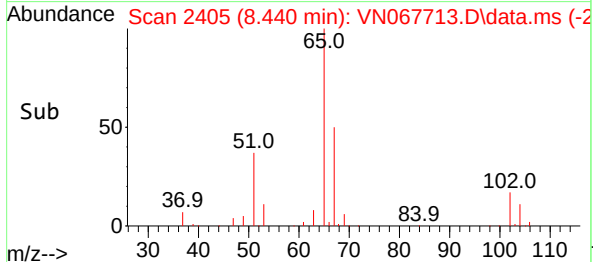
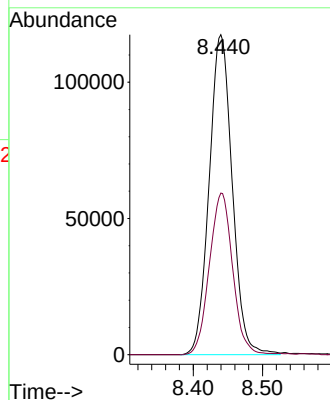
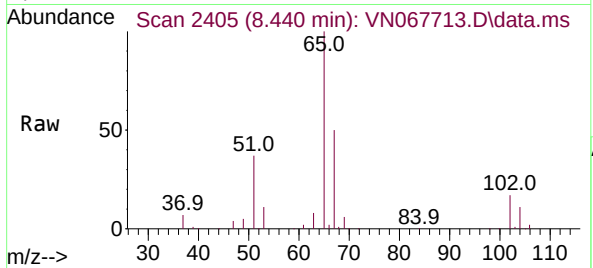




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.816 ug/l  
 RT: 8.440 min Scan# 2405  
 Delta R.T. -0.000 min  
 Lab File: VN067713.D  
 Acq: 13 Jul 2021 13:11

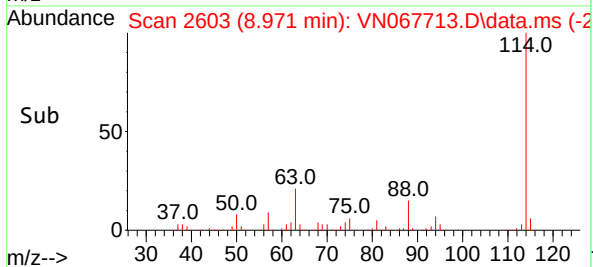
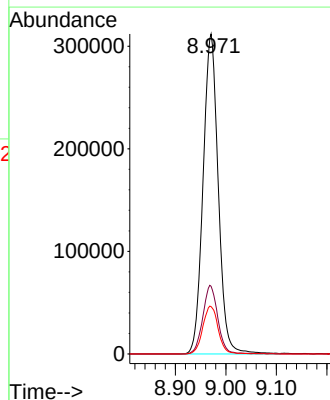
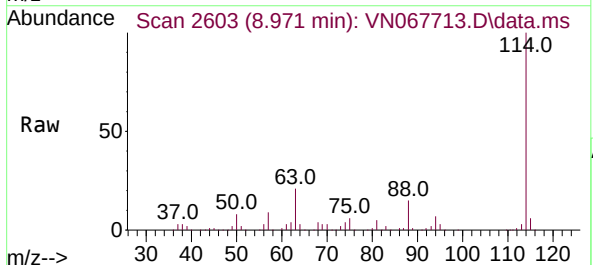
Instrument :  
 MSVOA\_N  
 ClientSampled :

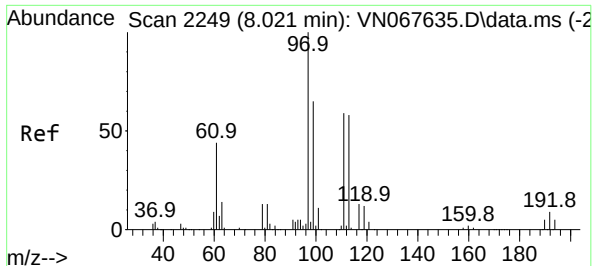
Tgt Ion: 65 Resp: 272135  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 98.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.971 min Scan# 2603  
 Delta R.T. 0.003 min  
 Lab File: VN067713.D  
 Acq: 13 Jul 2021 13:11

Tgt Ion: 114 Resp: 651991  
 Ion Ratio Lower Upper  
 114 100  
 63 21.2 0.0 49.0  
 88 14.8 0.0 36.6

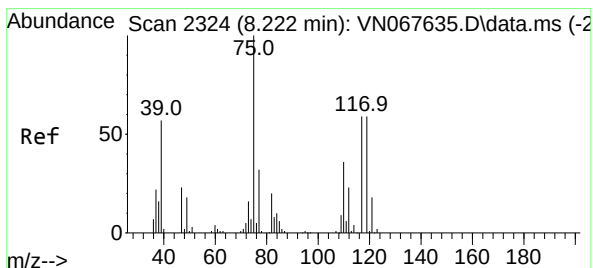
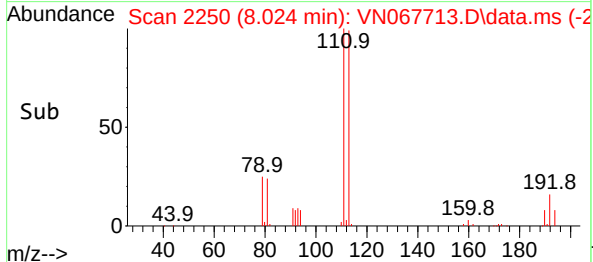
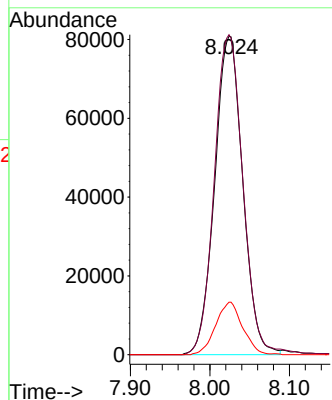
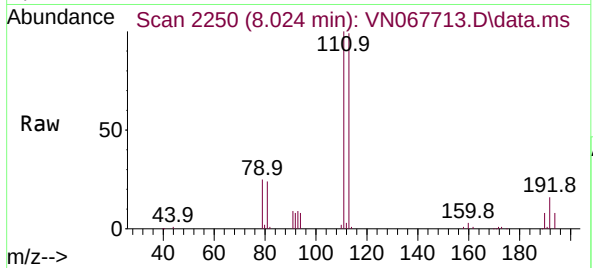




#35  
Dibromofluoromethane  
Concen: 50.318 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

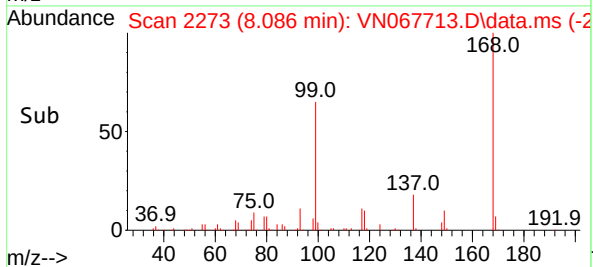
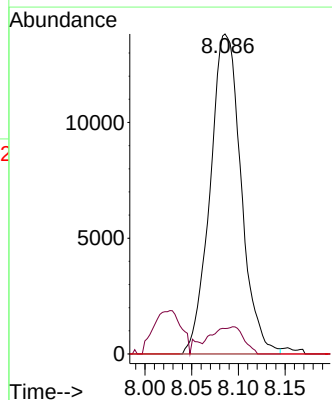
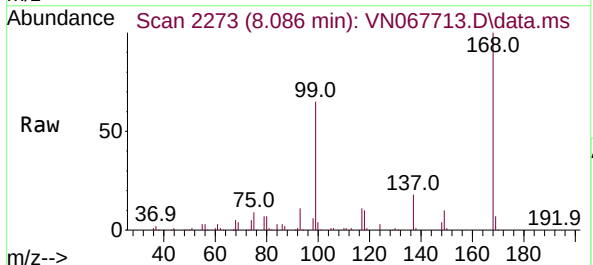
Instrument :  
MSVOA\_N  
ClientSampleId :

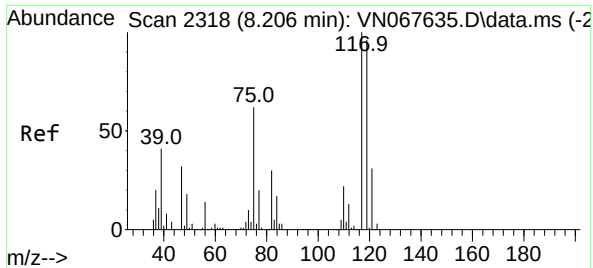
Tgt Ion:113 Resp: 198212  
Ion Ratio Lower Upper  
113 100  
111 103.0 83.8 125.8  
192 15.9 13.4 20.0



#36  
1,1-Dichloropropene  
Concen: 5.264 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.136 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

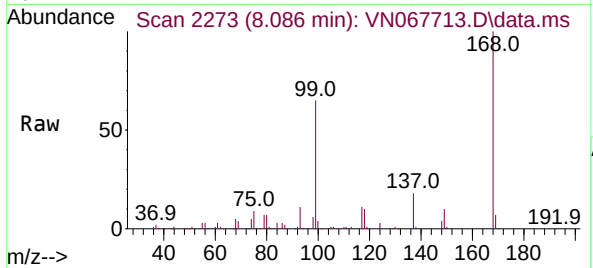
Tgt Ion: 75 Resp: 31878  
Ion Ratio Lower Upper  
75 100  
110 8.7 15.7 47.0#  
77 0.0 24.6 37.0#



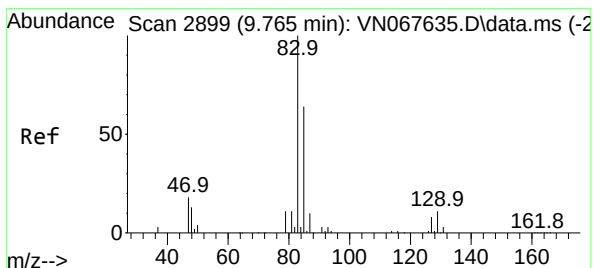
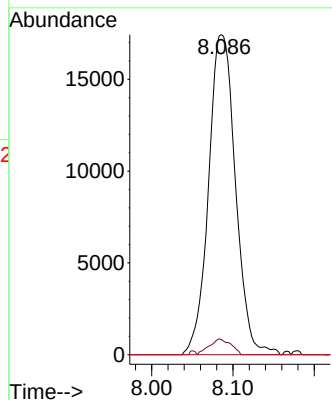
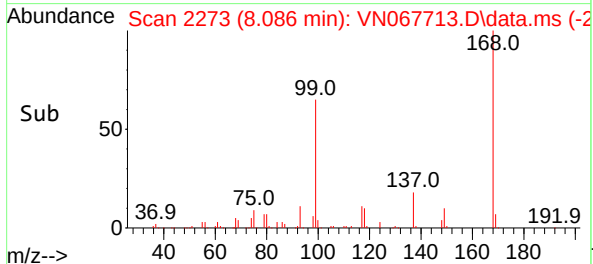


#38  
Carbon Tetrachloride  
Concen: 6.729 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.120 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

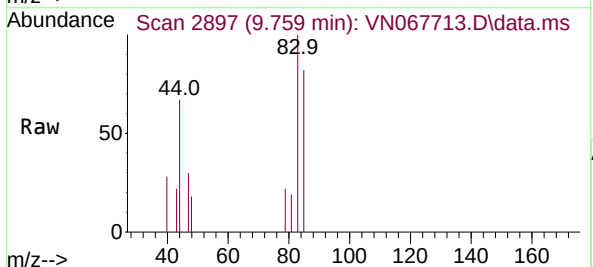
Instrument :  
MSVOA\_N  
ClientSampled :



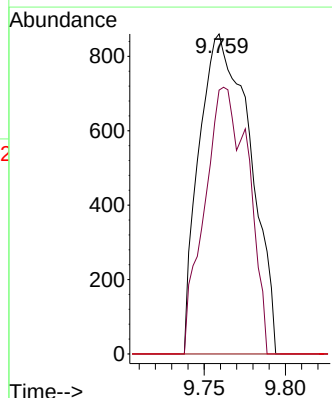
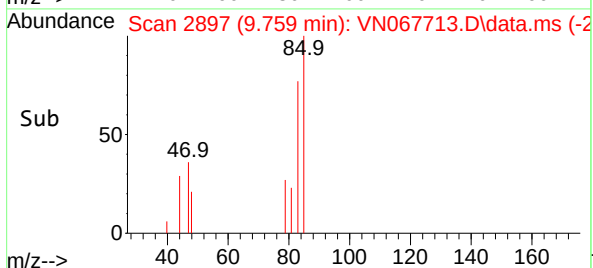
Tgt Ion:117 Resp: 40196  
Ion Ratio Lower Upper  
117 100  
119 4.7 75.4 113.2#  
121 0.0 23.5 35.3#

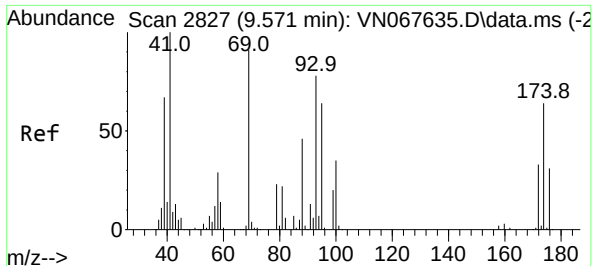


#47  
Bromodichloromethane  
Concen: 0.294 ug/l  
RT: 9.759 min Scan# 2897  
Delta R.T. -0.006 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11



Tgt Ion: 83 Resp: 1874  
Ion Ratio Lower Upper  
83 100  
85 82.4 49.9 74.9#  
127 0.0 6.1 9.1#





#49

1,4-Dioxane

Concen: 33.487 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

Tgt Ion: 88 Resp: 127

Ion Ratio Lower Upper

88 100

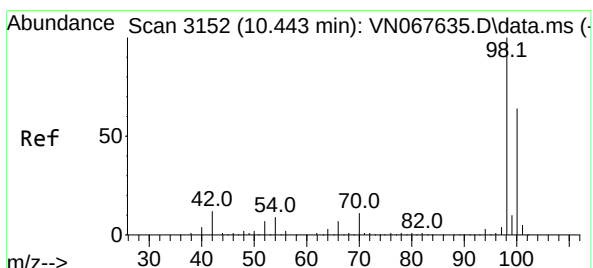
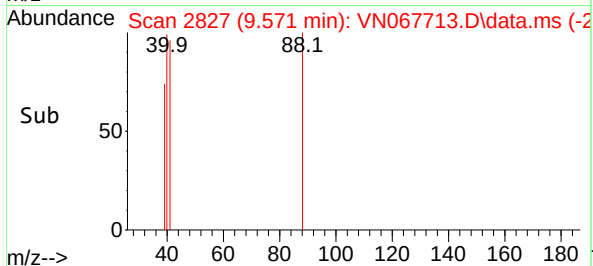
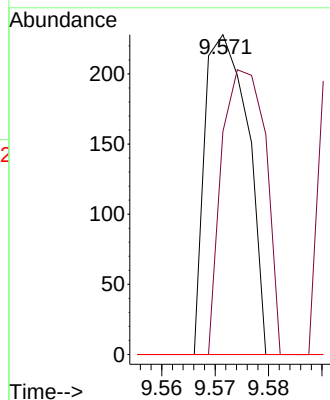
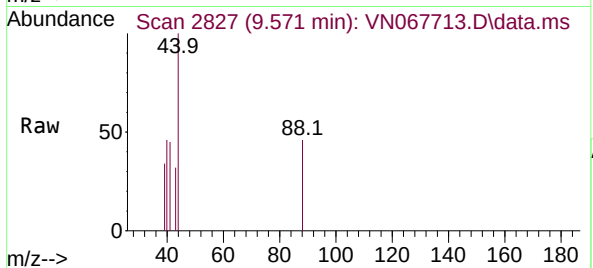
43 90.6 28.8 43.2#

58 0.0 60.4 90.6#

Instrument :

MSVOA\_N

ClientSampled :



#50

Toluene-d8

Concen: 50.196 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067713.D

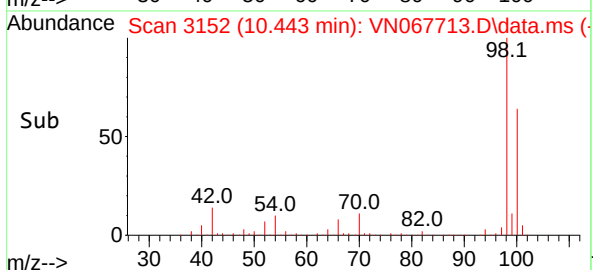
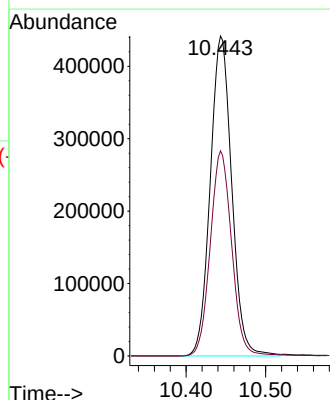
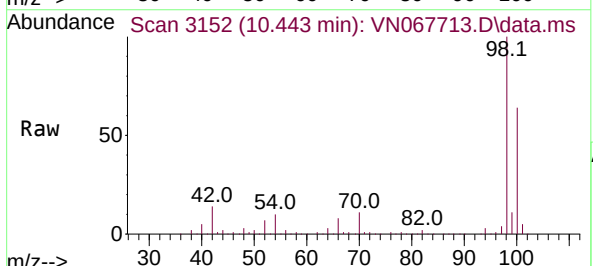
Acq: 13 Jul 2021 13:11

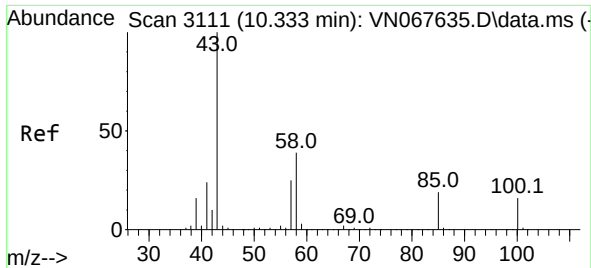
Tgt Ion: 98 Resp: 827646

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

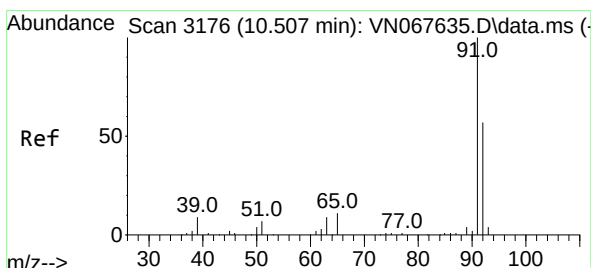
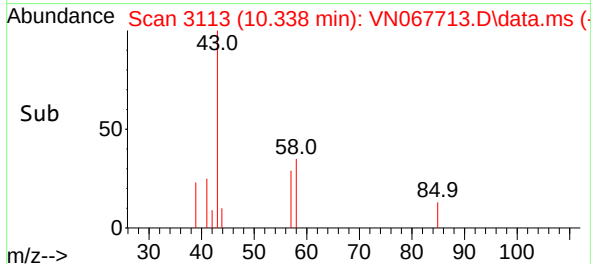
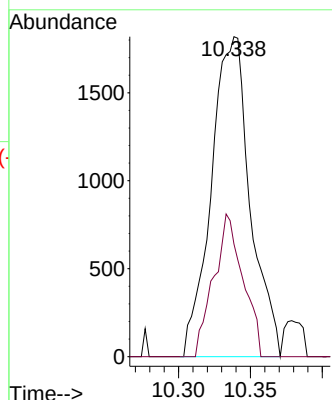
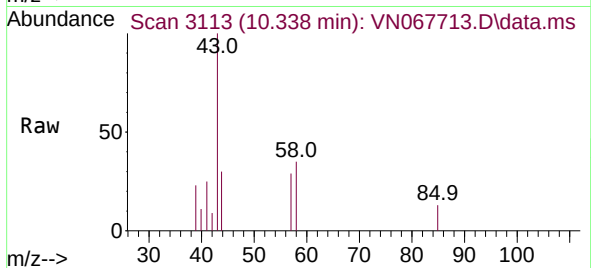




#51  
4-Methyl-2-Pentanone  
Concen: 0.540 ug/l  
RT: 10.338 min Scan# 3113  
Delta R.T. 0.005 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

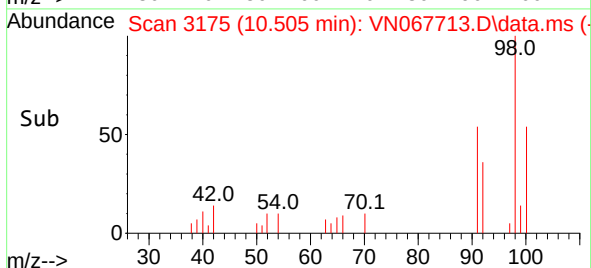
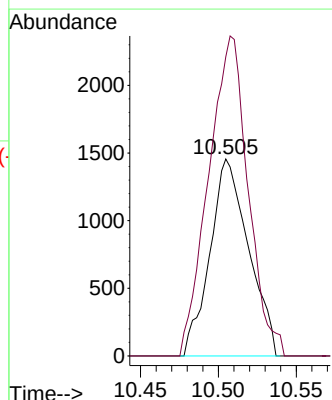
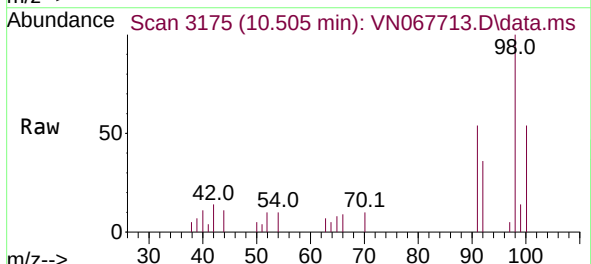
Instrument :  
MSVOA\_N  
ClientSampled :

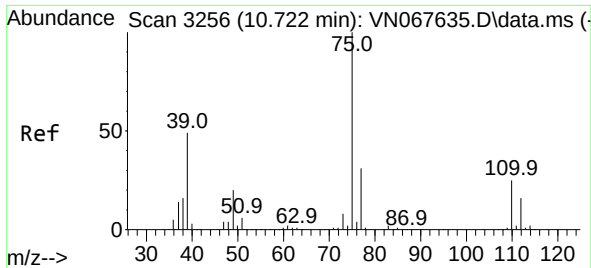
Tgt Ion: 43 Resp: 3424  
Ion Ratio Lower Upper  
43 100  
58 33.4 28.6 43.0



#52  
Toluene  
Concen: 0.212 ug/l  
RT: 10.505 min Scan# 3175  
Delta R.T. -0.002 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 92 Resp: 2513  
Ion Ratio Lower Upper  
92 100  
91 166.2 139.6 209.4

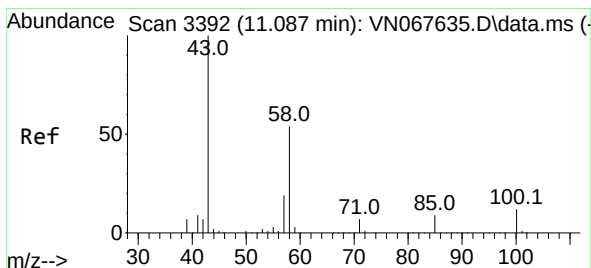
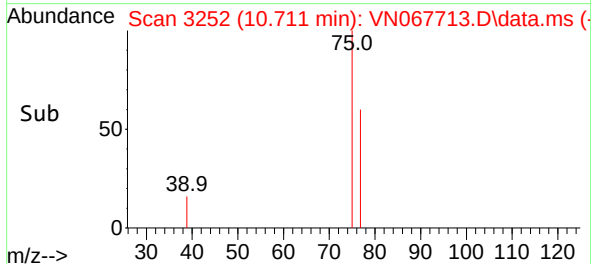
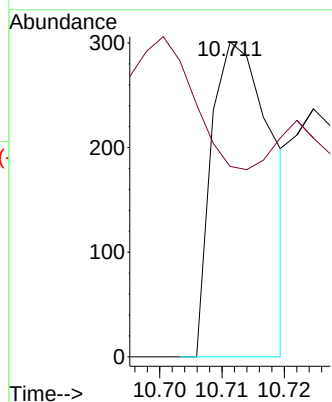
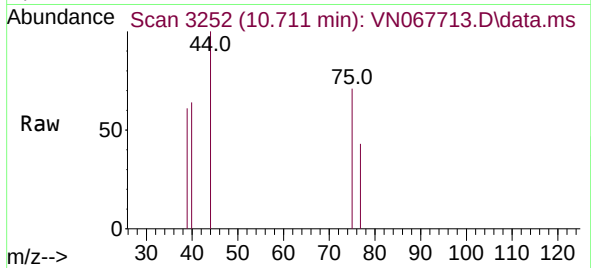




#53  
t-1,3-Dichloropropene  
Concen: 1.770 ug/l  
RT: 10.711 min Scan# 3252  
Delta R.T. -0.011 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

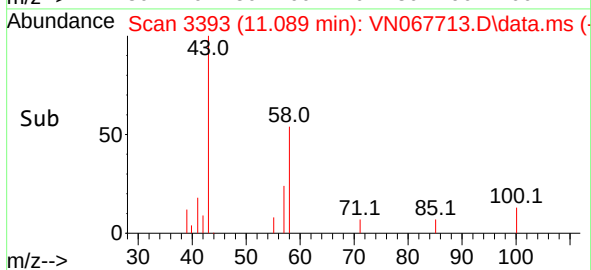
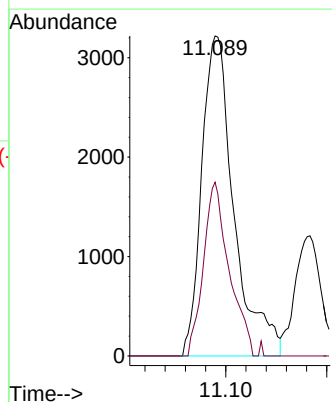
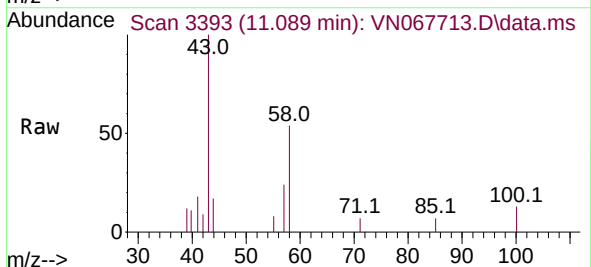
Instrument :  
MSVOA\_N  
ClientSampleId :

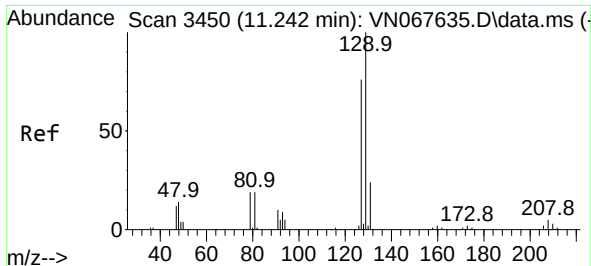
Tgt Ion: 75 Resp: 202  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.1 37.7#



#59  
2-Hexanone  
Concen: 1.613 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.002 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 43 Resp: 7140  
Ion Ratio Lower Upper  
43 100  
58 43.1 24.7 74.1

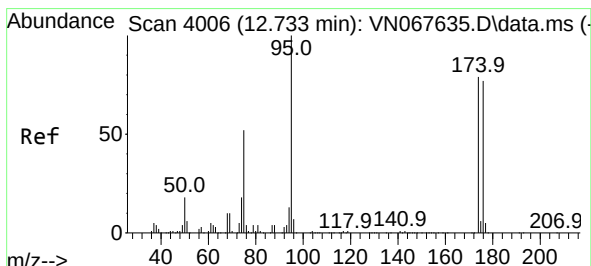
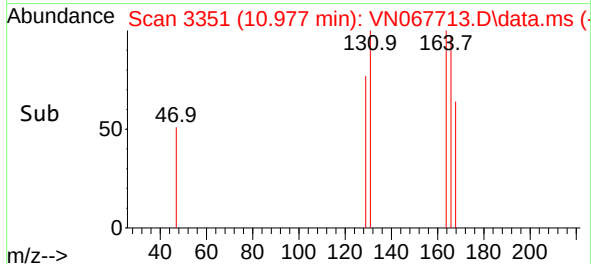
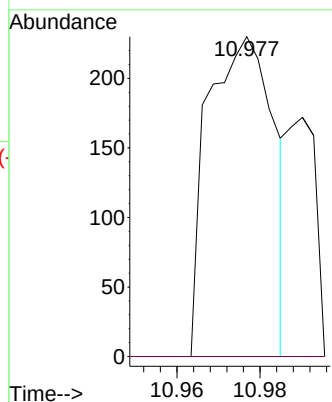
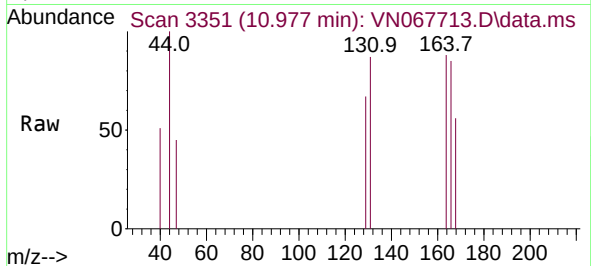




#60  
Dibromochloromethane  
Concen: 2.400 ug/l  
RT: 10.977 min Scan# 3351  
Delta R.T. -0.265 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

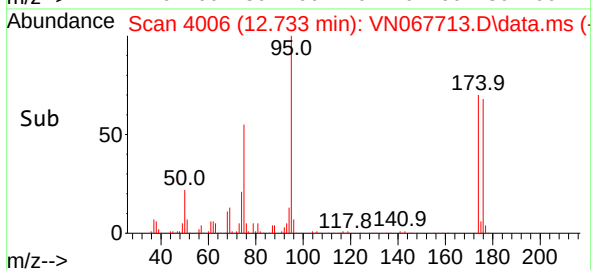
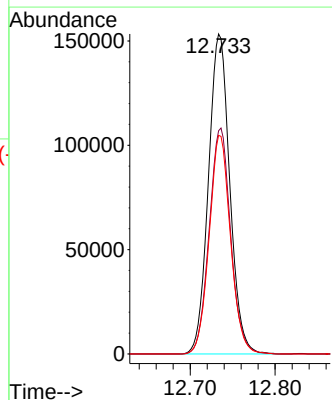
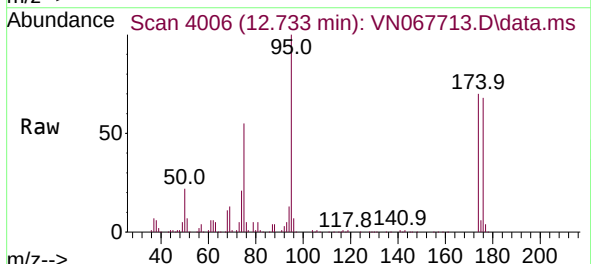
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:129 Resp: 252  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 115.8#

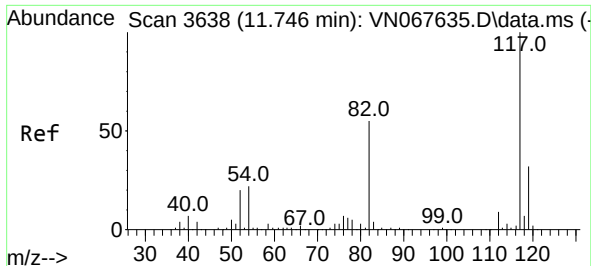


#62  
4-Bromofluorobenzene  
Concen: 45.879 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 95 Resp: 267230  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 122.0  
176 68.3 0.0 117.6



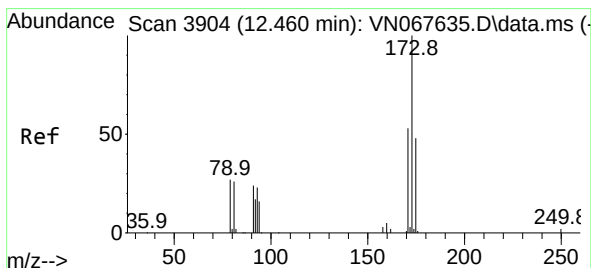
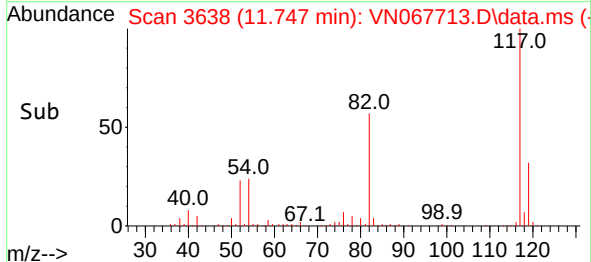
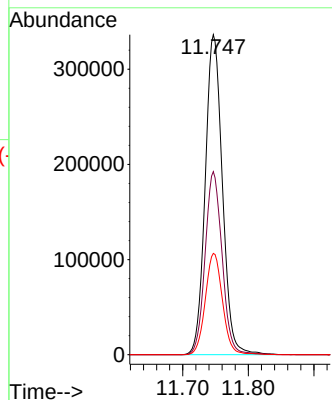
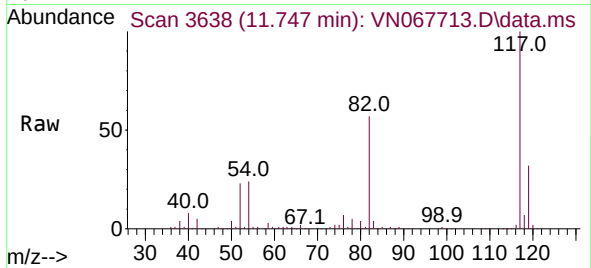




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

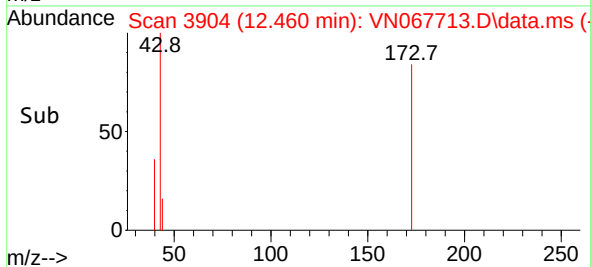
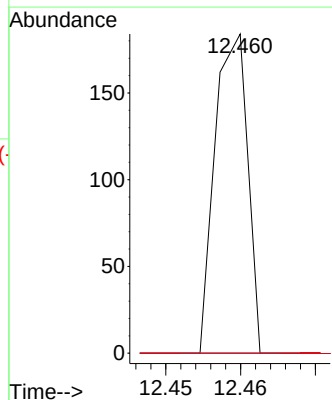
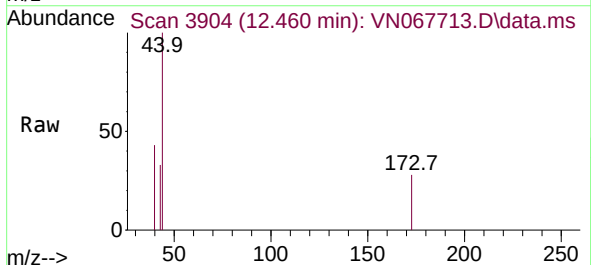
Instrument :  
MSVOA\_N  
ClientSampled :

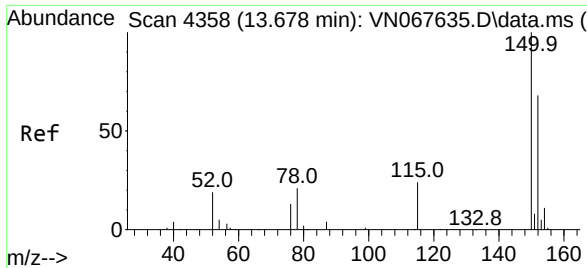
Tgt Ion:117 Resp: 612193  
Ion Ratio Lower Upper  
117 100  
82 57.2 53.1 79.7  
119 31.6 25.5 38.3



#71  
Bromoform  
Concen: 3.189 ug/l  
RT: 12.460 min Scan# 3904  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion:173 Resp: 56  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.9 71.8#  
254 0.0 0.0 0.0

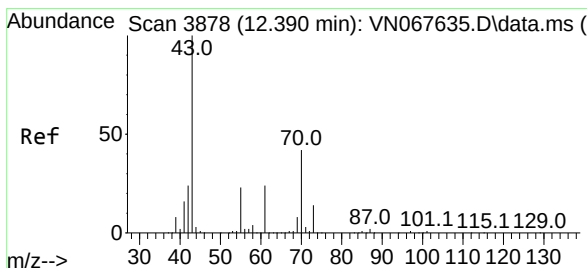
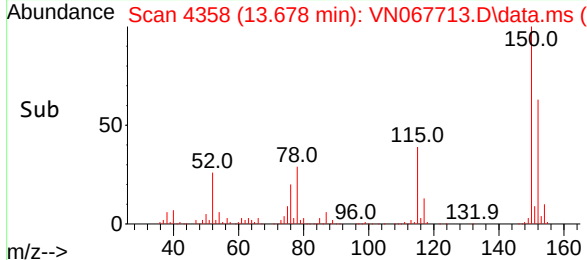
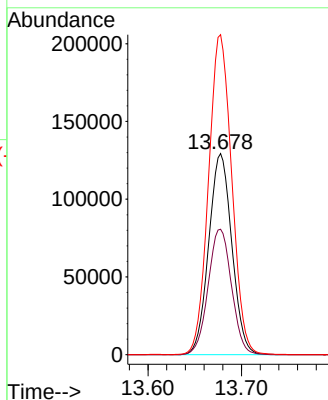
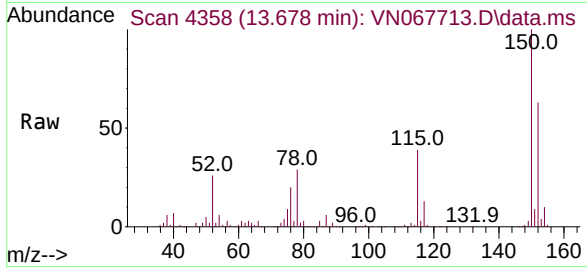




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

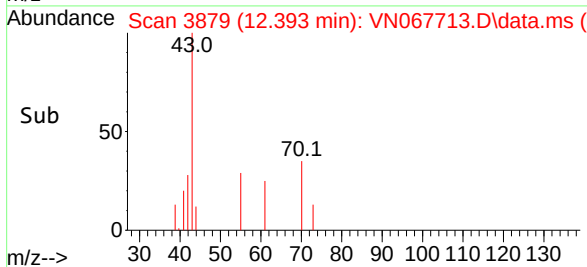
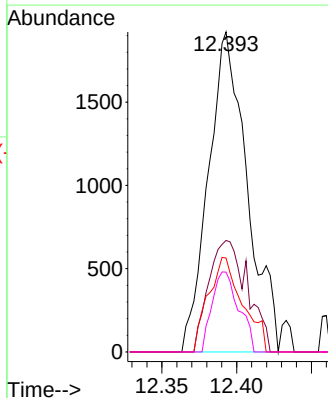
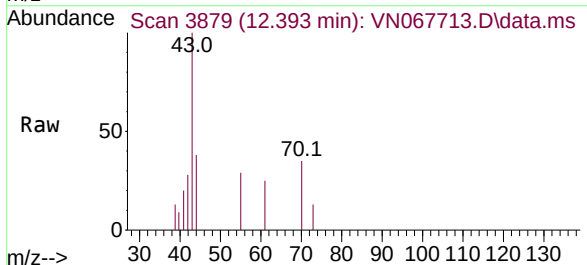
Instrument :  
MSVOA\_N  
ClientSampleId :

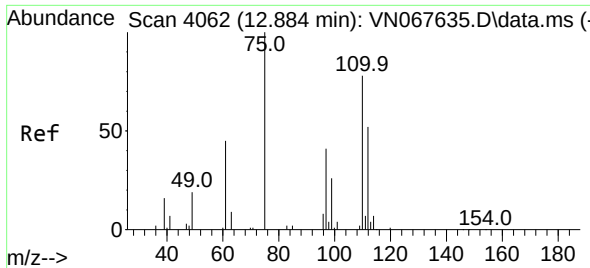
Tgt Ion:152 Resp: 222356  
Ion Ratio Lower Upper  
152 100  
115 63.0 36.1 108.5  
150 159.8 0.0 351.8



#74  
N-ethyl acetate  
Concen: 0.531 ug/l  
RT: 12.393 min Scan# 3879  
Delta R.T. 0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 43 Resp: 3457  
Ion Ratio Lower Upper  
43 100  
70 35.0 29.4 44.2  
55 26.1 17.0 25.4#  
61 17.3 17.6 26.4#

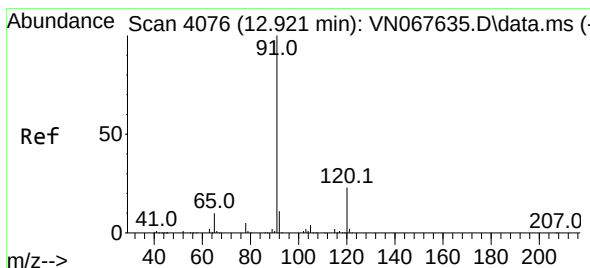
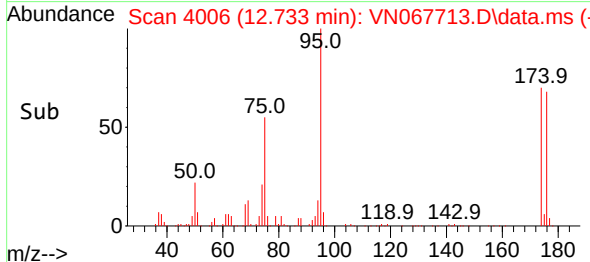
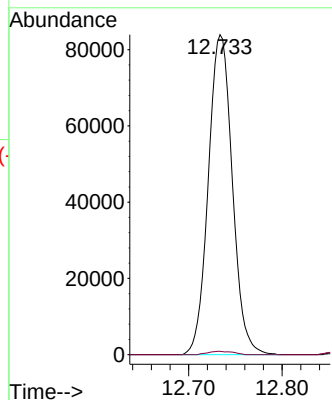
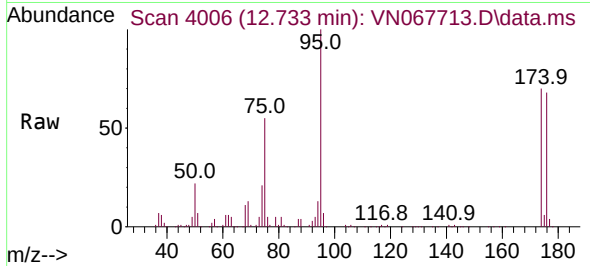




#76  
1,2,3-Trichloropropane  
Concen: 33.000 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.151 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

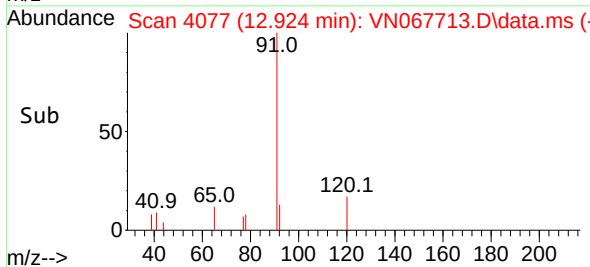
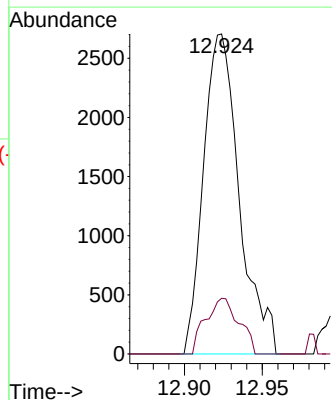
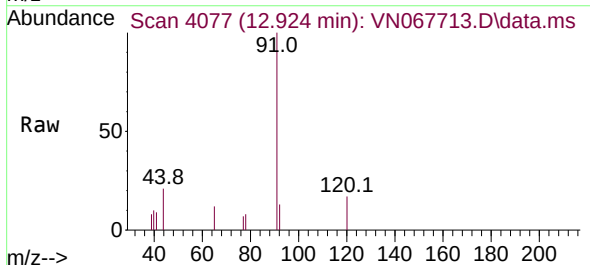
Instrument :  
MSVOA\_N  
ClientSampled :

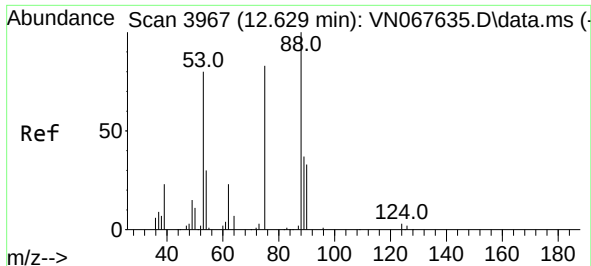
Tgt Ion: 75 Resp: 149849  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#



#78  
n-propylbenzene  
Concen: 0.213 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 91 Resp: 4328  
Ion Ratio Lower Upper  
91 100  
120 16.2 10.4 31.4

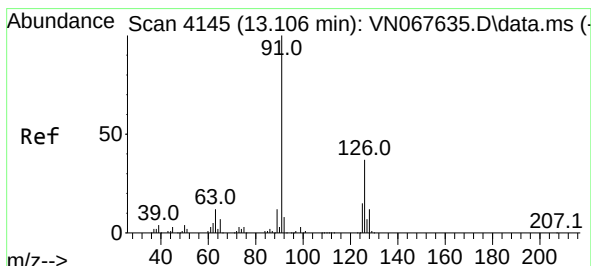
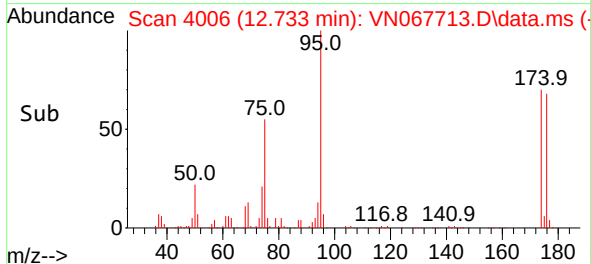
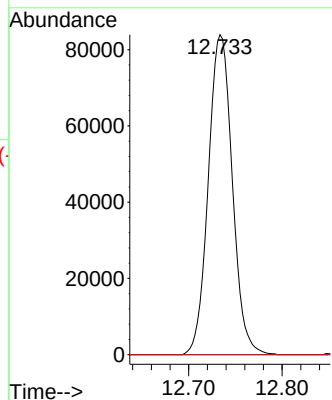
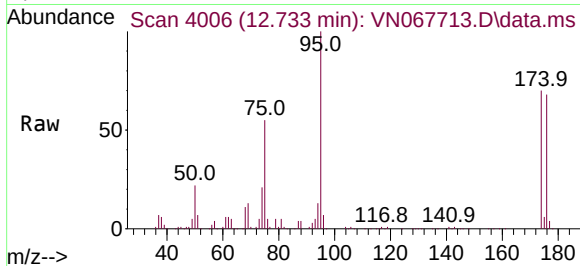




#81  
trans-1,4-Dichloro-2-butene  
Concen: 106.395 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

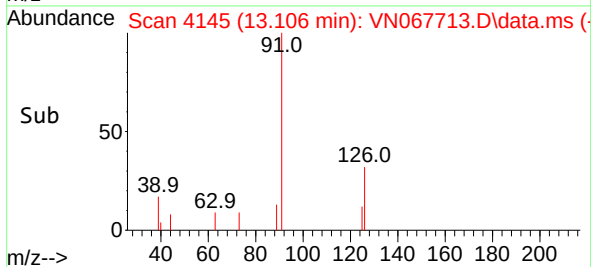
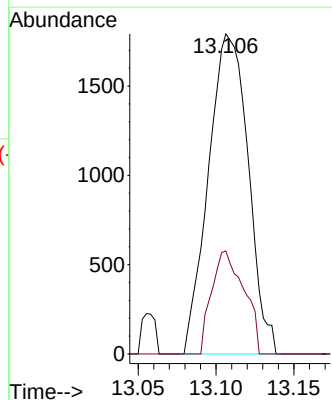
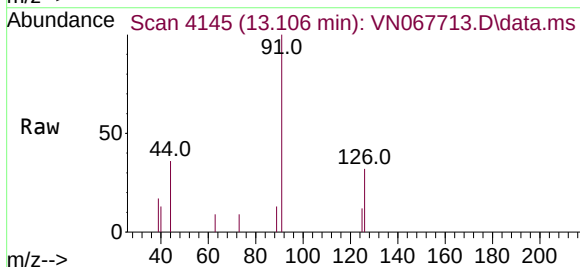
Instrument :  
MSVOA\_N  
ClientSampleId :

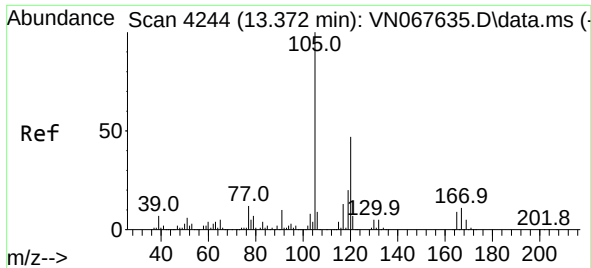
Tgt Ion: 75 Resp: 149849  
Ion Ratio Lower Upper  
75 100  
53 0.0 87.6 131.4#  
89 0.0 37.8 56.8#



#82  
4-Chlorotoluene  
Concen: 0.262 ug/l  
RT: 13.106 min Scan# 4145  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 91 Resp: 3183  
Ion Ratio Lower Upper  
91 100  
126 26.1 14.8 44.4

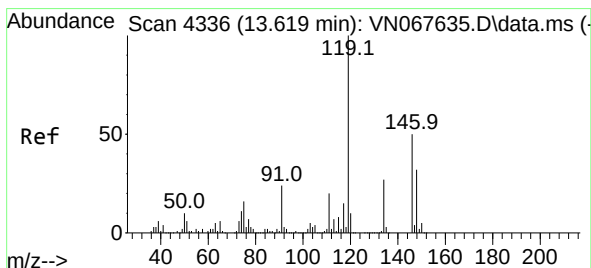
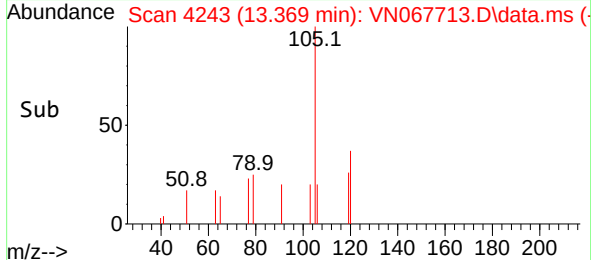
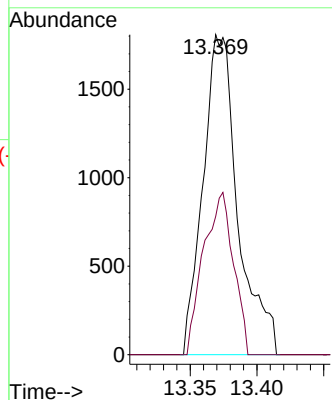
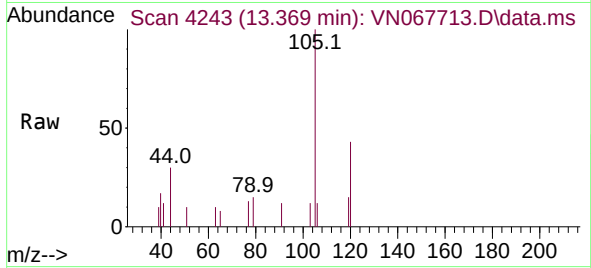




#84  
1,2,4-Trimethylbenzene  
Concen: 0.231 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. -0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

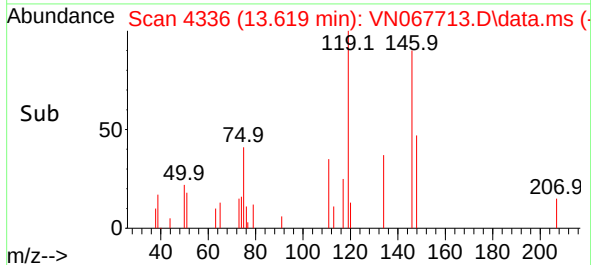
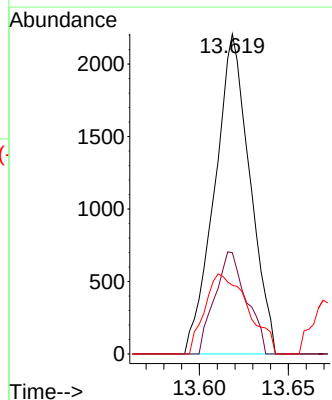
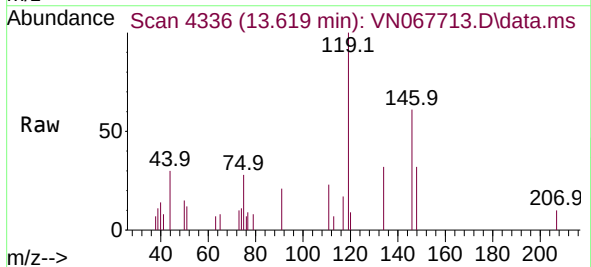
Instrument :  
MSVOA\_N  
ClientSampled :

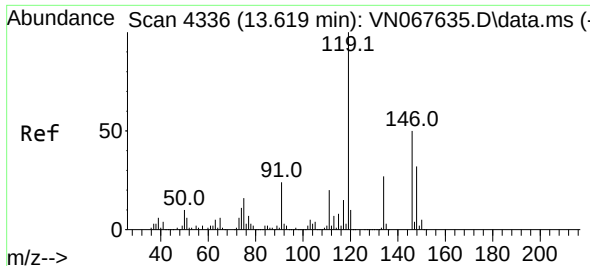
Tgt Ion:105 Resp: 3285  
Ion Ratio Lower Upper  
105 100  
120 43.4 20.6 61.8



#86  
p-Isopropyltoluene  
Concen: 0.219 ug/l  
RT: 13.619 min Scan# 4336  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion:119 Resp: 3028  
Ion Ratio Lower Upper  
119 100  
134 28.7 12.4 37.4  
91 30.8 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 0.328 ug/l

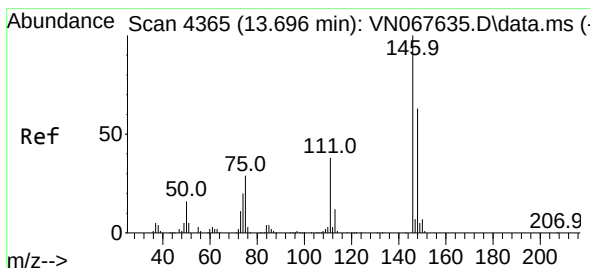
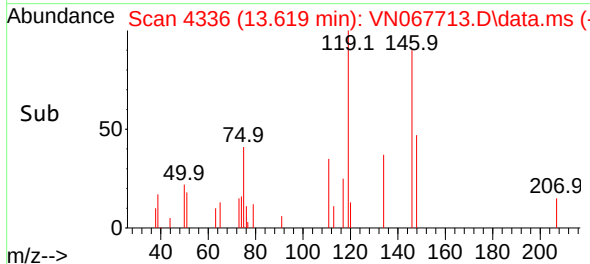
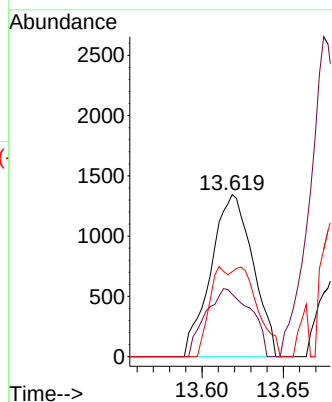
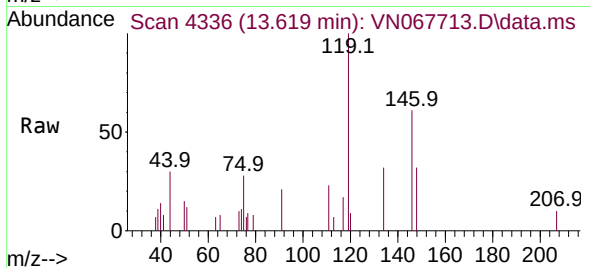
RT: 13.619 min Scan# 4336

Delta R.T. -0.000 min

Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2416  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 44.6  | 24.3  | 72.8  |
| 148      | 25.0  | 32.0  | 96.0# |



#88

1,4-Dichlorobenzene

Concen: 0.475 ug/l

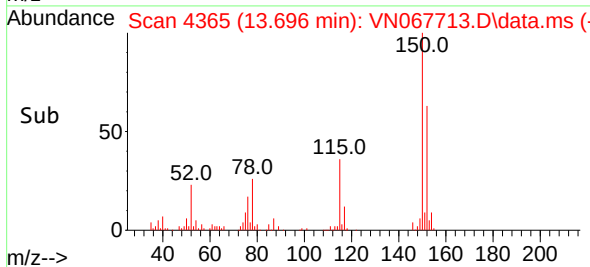
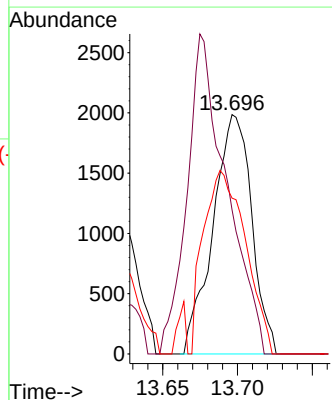
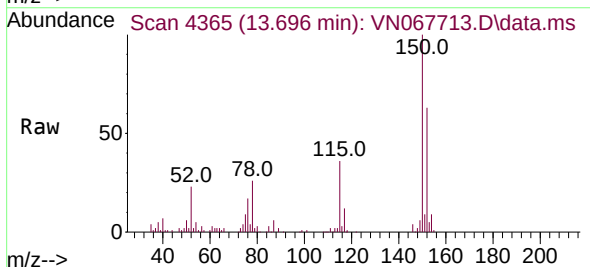
RT: 13.696 min Scan# 4365

Delta R.T. 0.000 min

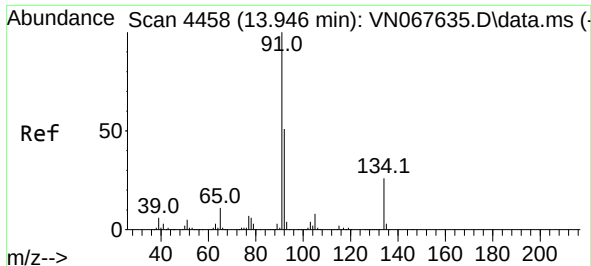
Lab File: VN067713.D

Acq: 13 Jul 2021 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 3585  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 0.0   | 23.4  | 70.2# |
| 148      | 83.3  | 31.8  | 95.3  |



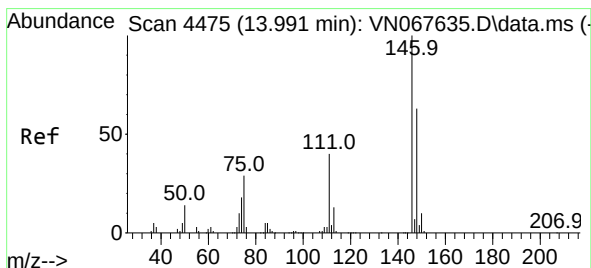
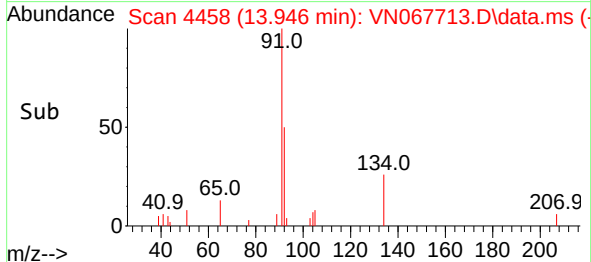
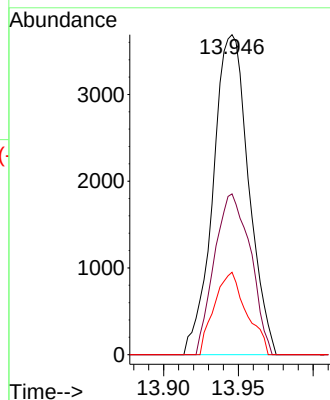
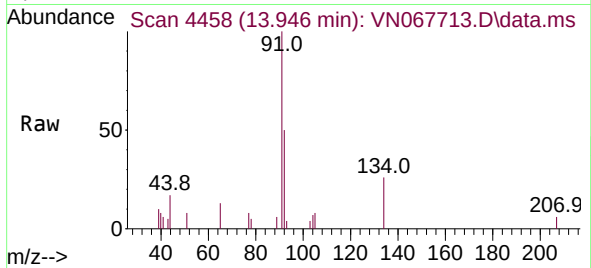
Instrument :  
MSVOA\_N  
ClientSampleId :



#89  
n-Butylbenzene  
Concen: 0.514 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

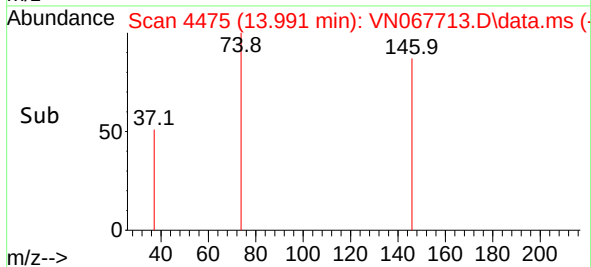
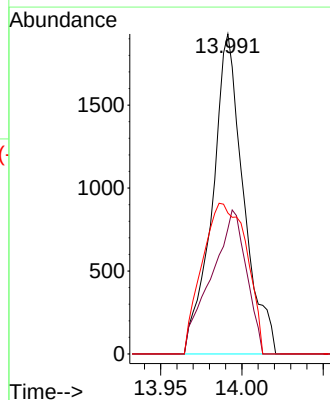
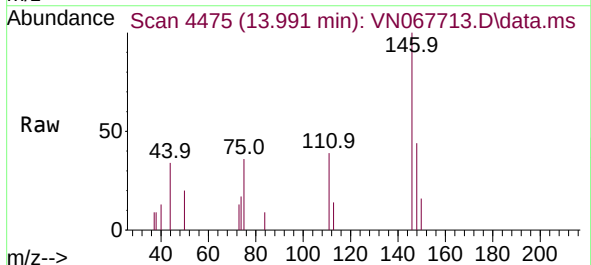
Instrument :  
MSVOA\_N  
ClientSampled :

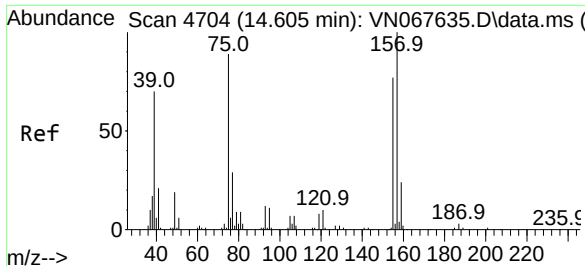
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 6105  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 51.0  | 25.7  | 77.1  |
| 134      | 23.3  | 11.2  | 33.6  |



#91  
1,2-Dichlorobenzene  
Concen: 0.361 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2569  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 50.8  | 24.9  | 74.6  |
| 148      | 67.0  | 31.6  | 95.0  |

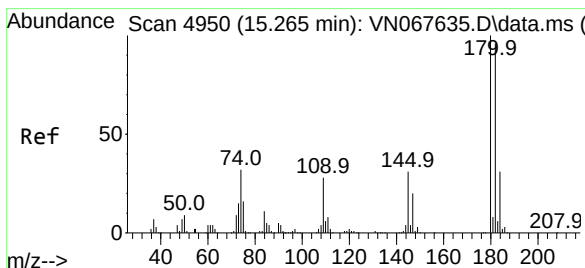
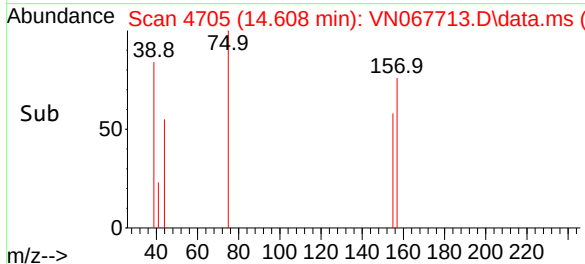
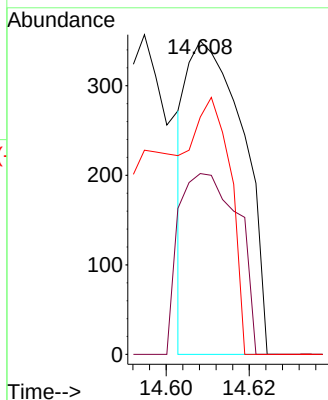
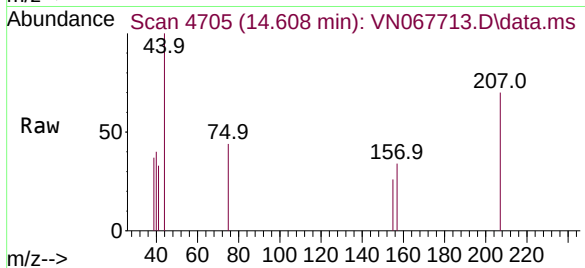




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.364 ug/l  
RT: 14.608 min Scan# 4705  
Delta R.T. 0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

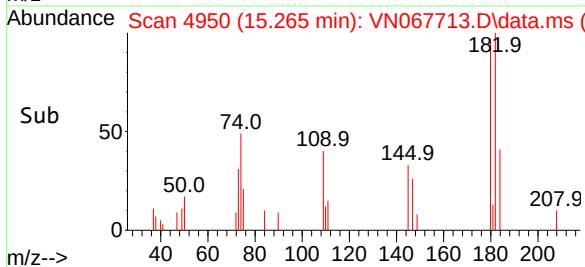
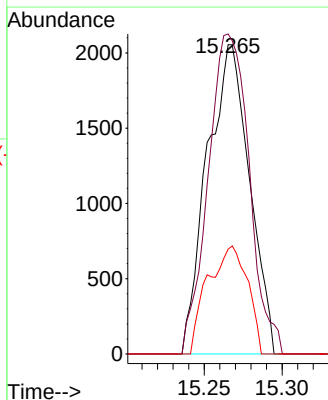
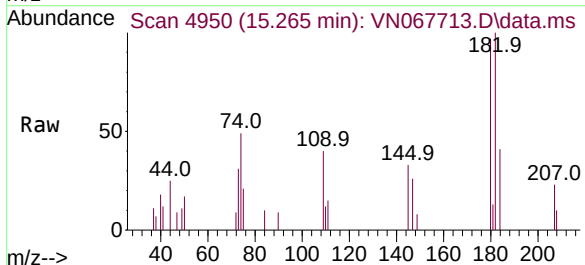
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 75 Resp: 329  
Ion Ratio Lower Upper  
75 100  
155 60.8 29.8 89.5  
157 0.0 37.6 112.8#

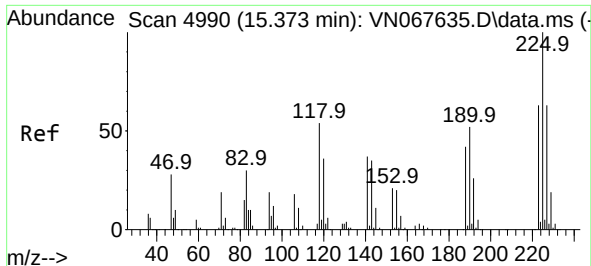


#93  
1,2,4-Trichlorobenzene  
Concen: 3.667 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion: 180 Resp: 3884  
Ion Ratio Lower Upper  
180 100  
182 100.3 47.5 142.5  
145 32.8 17.2 51.6



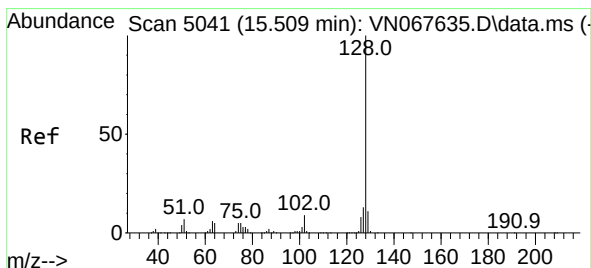
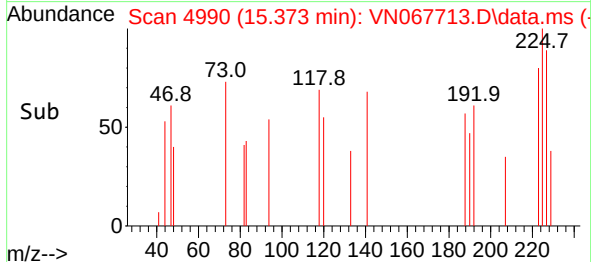
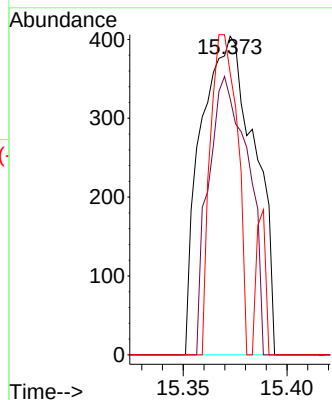
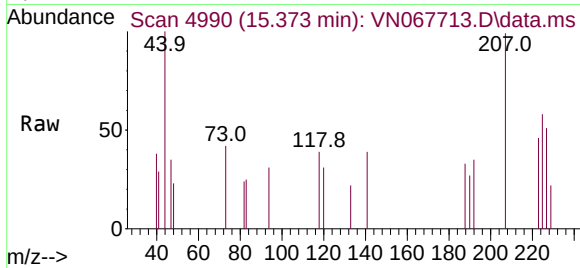




#94  
Hexachlorobutadiene  
Concen: 0.488 ug/l  
RT: 15.373 min Scan# 4990  
Delta R.T. -0.000 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

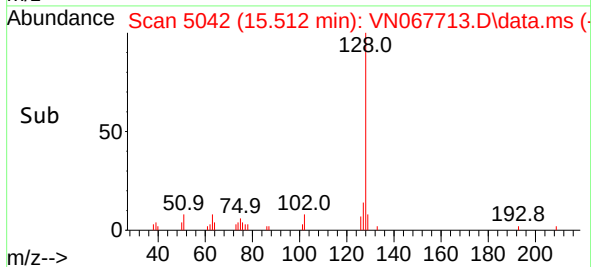
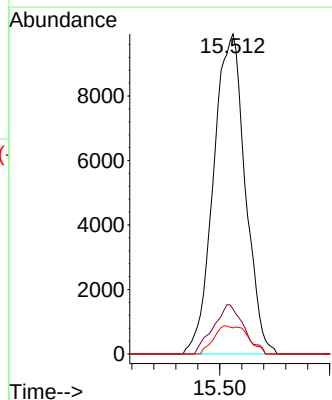
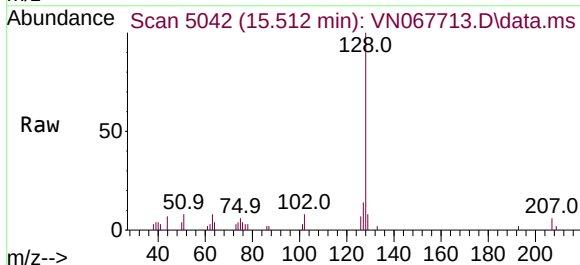
Instrument :  
MSVOA\_N  
ClientSampled :

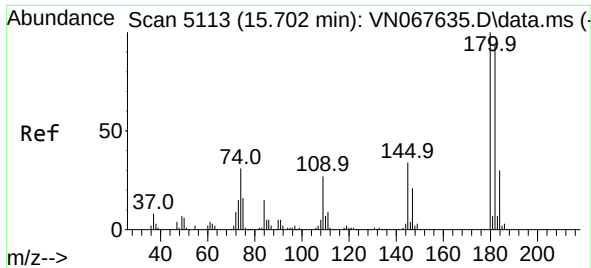
Tgt Ion:225 Resp: 729  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.4 94.0  
227 50.1 31.2 93.6



#95  
Naphthalene  
Concen: 4.728 ug/l  
RT: 15.512 min Scan# 5042  
Delta R.T. 0.003 min  
Lab File: VN067713.D  
Acq: 13 Jul 2021 13:11

Tgt Ion:128 Resp: 19875  
Ion Ratio Lower Upper  
128 100  
127 14.7 10.6 15.8  
129 5.3 8.6 12.8#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.026 ug/l  
 RT: 15.705 min Scan# 5114  
 Delta R.T. 0.003 min  
 Lab File: VN067713.D  
 Acq: 13 Jul 2021 13:11

Instrument :  
 MSVOA\_N  
 ClientSampled :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 5221  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 92.6  | 47.8  | 143.3 |
| 145       | 31.3  | 18.2  | 54.6  |

