

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092121\  
 Data File : VN068579.D  
 Acq On : 21 Sep 2021 13:55  
 Operator : JC/MD  
 Sample : M3781-02DL 5X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 21 16:08:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 17 11:02:11 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 700041   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 970181   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 850648   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.677 | 152  | 343133   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 330073   | 51.401   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 102.800% |      |
| 35) Dibromofluoromethane    | 8.027  | 113   | 308136   | 52.660   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 105.320% |      |
| 50) Toluene-d8              | 10.443 | 98    | 1133420  | 47.426   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 94.860%  |      |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 330895   | 42.507   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 85.020%  |      |

|                               |        |     |        |                |     |  |
|-------------------------------|--------|-----|--------|----------------|-----|--|
| Target Compounds              |        |     |        | Qvalue         |     |  |
| 3) Chloromethane              | 2.309  | 50  | 659    | Below Cal      | 98  |  |
| 5) Bromomethane               | 2.883  | 94  | 2291   | Below Cal      | 99  |  |
| 9) 1,1,2-Trichlorotrifluo...  | 4.218  | 101 | 16992  | 2.828 ug/l #   | 90  |  |
| 12) 1,1-Dichloroethene        | 4.191  | 96  | 14699  | 2.673 ug/l     | 98  |  |
| 13) Acrolein                  | 4.052  | 56  | 470    | 0.986 ug/l #   | 44  |  |
| 16) Acetone                   | 4.309  | 43  | 2336   | Below Cal      | 89  |  |
| 18) Methyl Acetate            | 4.862  | 43  | 382    | Below Cal #    | 45  |  |
| 20) Methylene Chloride        | 5.093  | 84  | 3333   | Below Cal      | 96  |  |
| 24) 1,1-Dichloroethane        | 6.401  | 63  | 2934   | 0.286 ug/l #   | 81  |  |
| 25) 2-Butanone                | 7.345  | 43  | 704    | 0.226 ug/l     | 93  |  |
| 27) cis-1,2-Dichloroethene    | 7.327  | 96  | 3171   | 0.430 ug/l     | 48  |  |
| 29) Tetrahydrofuran           | 7.702  | 42  | 620    | 0.304 ug/l #   | 40  |  |
| 31) Cyclohexane               | 8.086  | 56  | 11197  | 1.151 ug/l #   | 22  |  |
| 32) 1,1,1-Trichloroethane     | 8.019  | 97  | 2914   | 0.259 ug/l #   | 38  |  |
| 36) 1,1-Dichloropropene       | 8.088  | 75  | 41793  | 5.167 ug/l #   | 47  |  |
| 38) Carbon Tetrachloride      | 8.214  | 117 | 2961   | 0.306 ug/l     | 91  |  |
| 39) Methylcyclohexane         | 9.217  | 83  | 4268   | 0.417 ug/l #   | 1   |  |
| 44) Trichloroethene           | 9.217  | 130 | 374435 | 49.394 ug/l    | 94  |  |
| 49) 1,4-Dioxane               | 9.571  | 88  | 114    | 1.096 ug/l #   | 1   |  |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43  | 4006   | 0.646 ug/l     | 95  |  |
| 59) 2-Hexanone                | 11.092 | 43  | 7415   | 1.787 ug/l     | 98  |  |
| 60) Dibromochloromethane      | 11.245 | 129 | 199    | 1.825 ug/l #   | 43  |  |
| 70) Styrene                   | 12.296 | 104 | 2156   | 1.859 ug/l     | 92  |  |
| 71) Bromoform                 | 12.457 | 173 | 270    | 2.566 ug/l #   | 29  |  |
| 74) N-amyl acetate            | 12.393 | 43  | 4350   | 0.799 ug/l #   | 79  |  |
| 76) 1,2,3-Trichloropropane    | 12.733 | 75  | 166712 | 35.001 ug/l #  | 1   |  |
| 77) Bromobenzene              | 12.865 | 156 | 1517   | 0.225 ug/l     | 75  |  |
| 78) n-propylbenzene           | 12.921 | 91  | 5823   | 0.226 ug/l     | 100 |  |
| 81) trans-1,4-Dichloro-2-b... | 12.733 | 75  | 166712 | 107.674 ug/l # | 13  |  |
| 82) 4-Chlorotoluene           | 13.109 | 91  | 4662   | 0.304 ug/l     | 94  |  |
| 84) 1,2,4-Trimethylbenzene    | 13.369 | 105 | 4491   | 0.236 ug/l     | 97  |  |
| 86) p-Isopropyltoluene        | 13.618 | 119 | 5287   | 0.262 ug/l     | 97  |  |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146 | 4453   | 0.380 ug/l     | 97  |  |
| 88) 1,4-Dichlorobenzene       | 13.618 | 146 | 4453   | 0.386 ug/l     | 96  |  |
| 89) n-Butylbenzene            | 13.943 | 91  | 9970   | 0.679 ug/l     | 95  |  |
| 91) 1,2-Dichlorobenzene       | 13.989 | 146 | 5390   | 0.477 ug/l     | 97  |  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092121\  
Data File : VN068579.D  
Acq On : 21 Sep 2021 13:55  
Operator : JC/MD  
Sample : M3781-02DL 5X  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

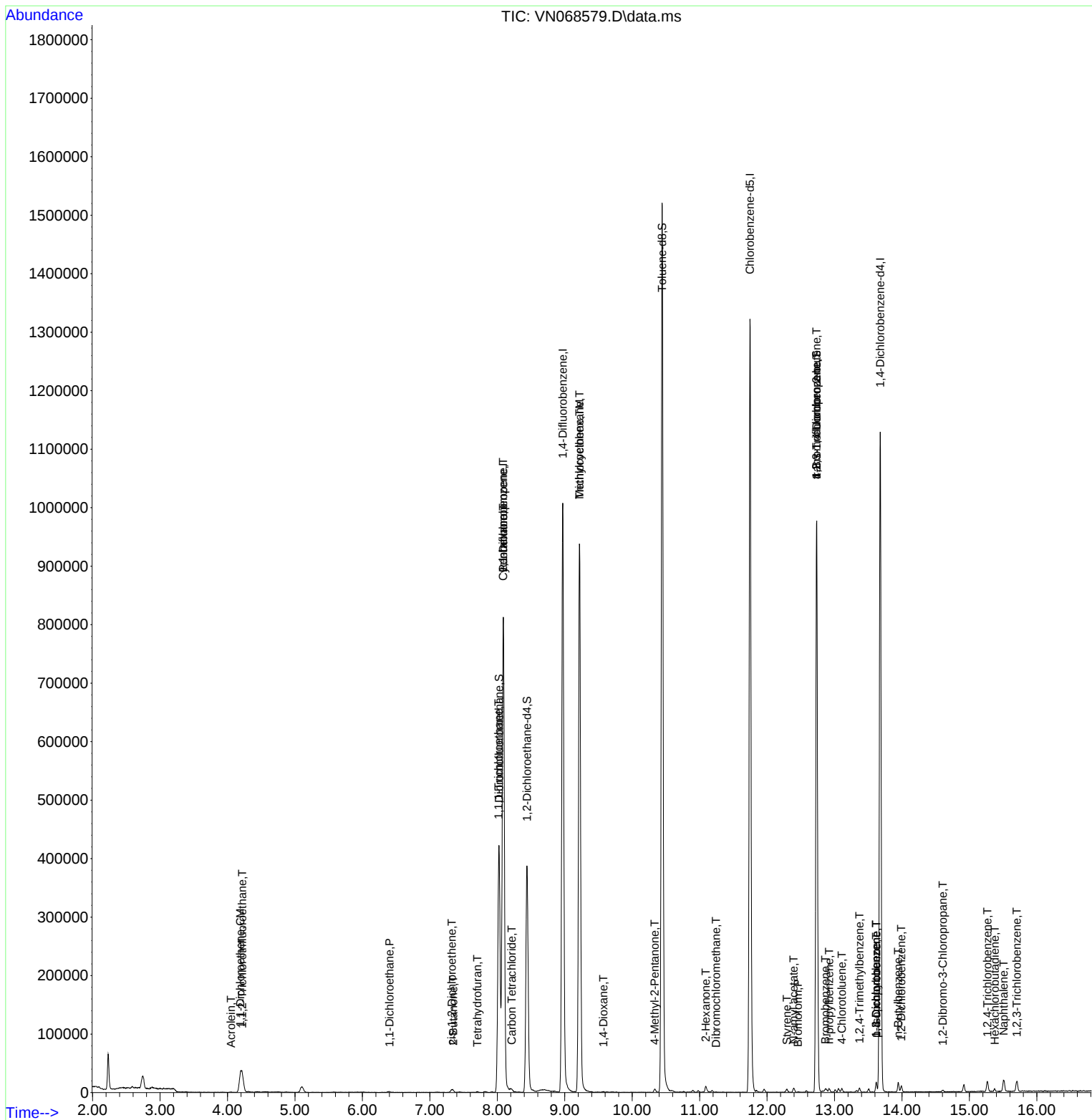
Instrument :  
MSVOA\_N  
ClientSampleId :

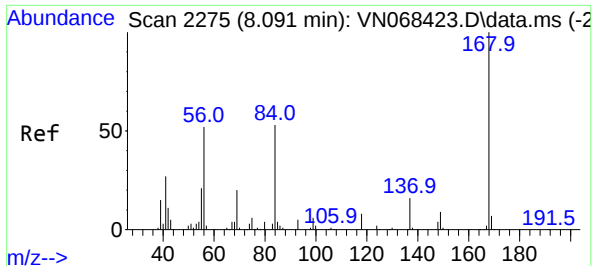
Quant Time: Sep 21 16:08:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 17 11:02:11 2021  
Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 588      | 0.541 | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 7278     | 4.027 | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.378 | 225  | 1068     | 0.320 | ug/l   | 83       |
| 95) Naphthalene               | 15.507 | 128  | 20193    | 4.879 | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 7834     | 4.192 | ug/l # | 87       |

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

Quant Time: Sep 21 16:08:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N090721W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 17 11:02:11 2021  
Response via : Initial Calibration

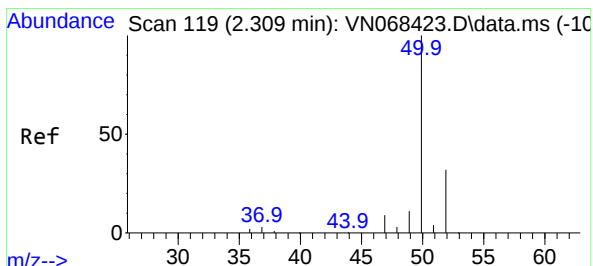
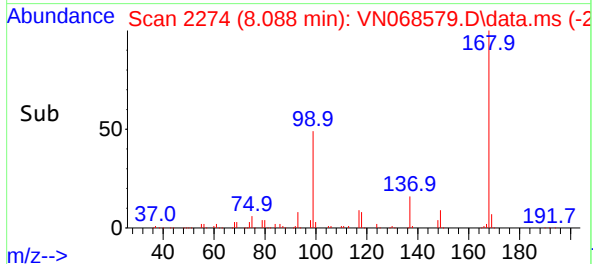
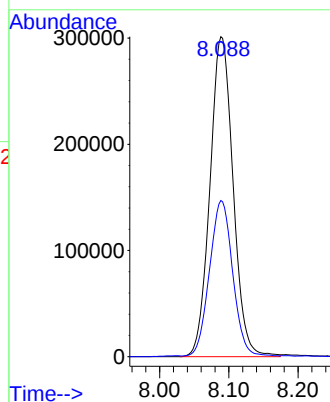
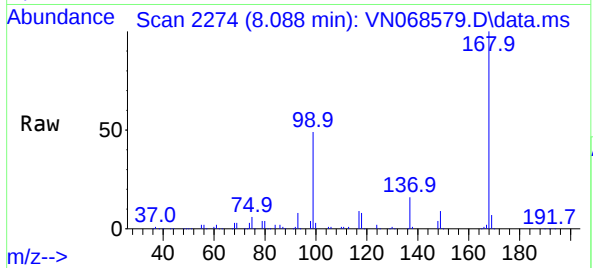




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

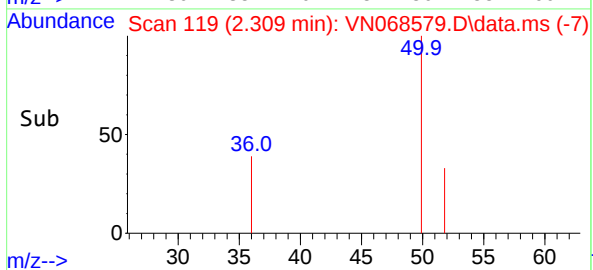
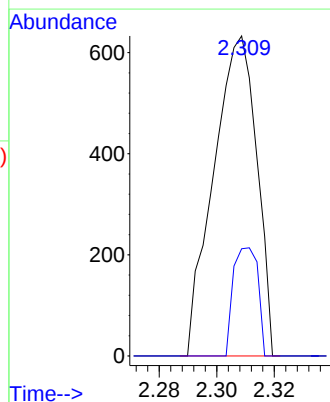
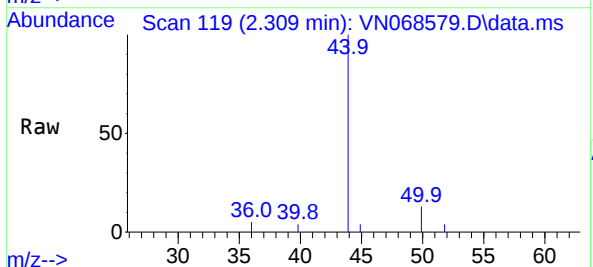
Instrument :  
MSVOA\_N  
ClientSampleId :

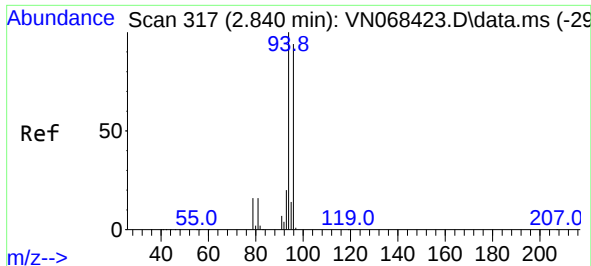
Tgt Ion:168 Resp: 700041  
Ion Ratio Lower Upper  
168 100  
99 48.6 38.2 57.4



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.309 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 50 Resp: 659  
Ion Ratio Lower Upper  
50 100  
52 33.5 25.8 38.6

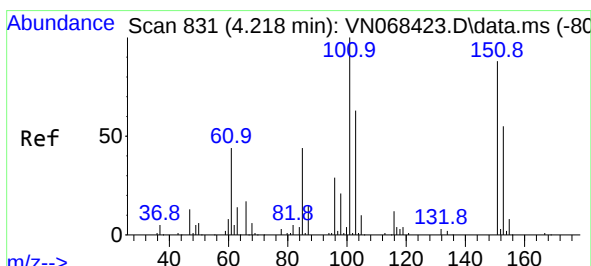
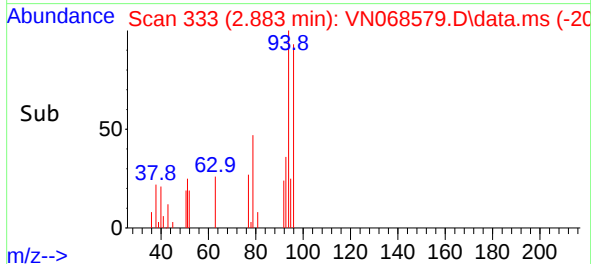
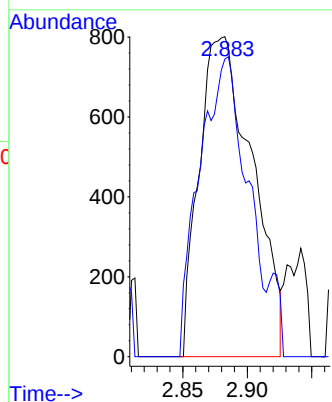
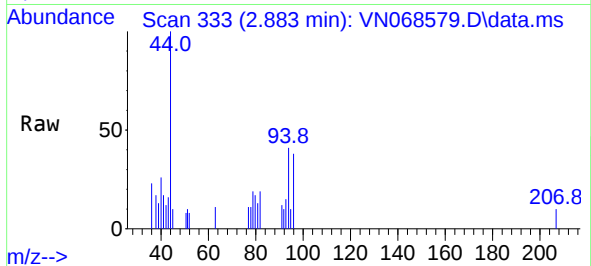




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.883 min Scan# 333  
Delta R.T. 0.043 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

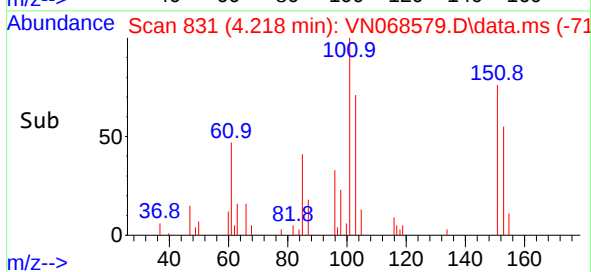
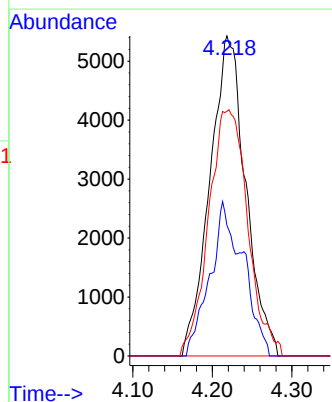
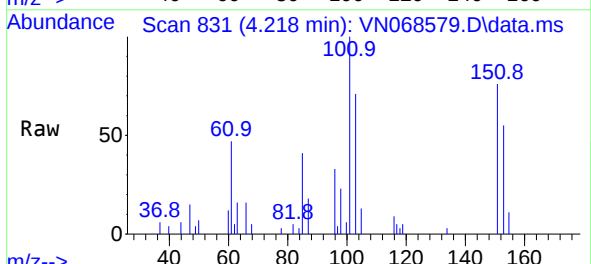
Instrument :  
MSVOA\_N  
ClientSampled :

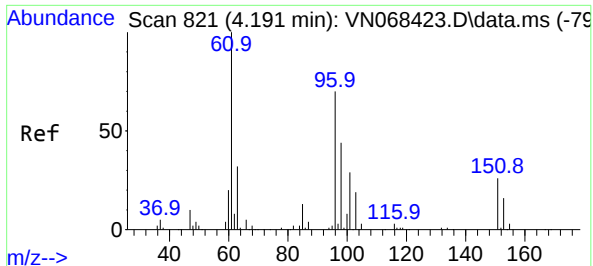
Tgt Ion: 94 Resp: 2291  
Ion Ratio Lower Upper  
94 100  
96 93.0 75.4 113.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.828 ug/l  
RT: 4.218 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:101 Resp: 16992  
Ion Ratio Lower Upper  
101 100  
85 32.1 35.7 53.5#  
151 83.8 71.6 107.4





#12

1,1-Dichloroethene

Concen: 2.673 ug/l

RT: 4.191 min Scan# 821

Delta R.T. 0.000 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

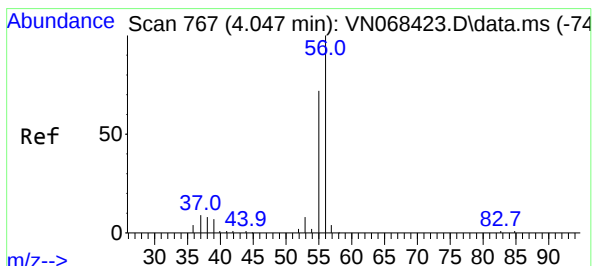
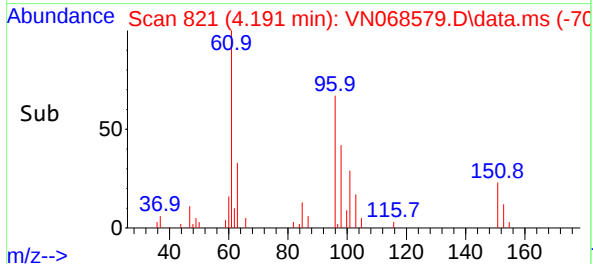
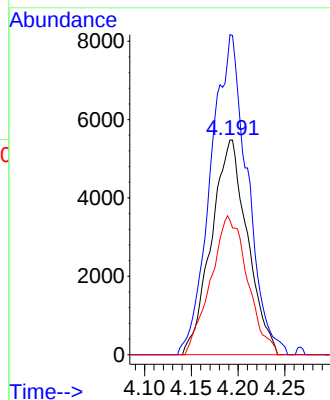
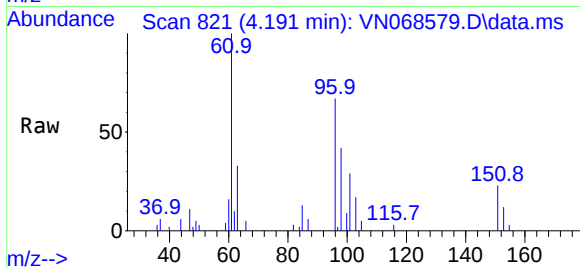
Tgt Ion: 96 Resp: 14699

Ion Ratio Lower Upper

96 100

61 145.8 114.7 172.1

98 62.5 50.9 76.3



#13

Acrolein

Concen: 0.986 ug/l

RT: 4.052 min Scan# 769

Delta R.T. 0.005 min

Lab File: VN068579.D

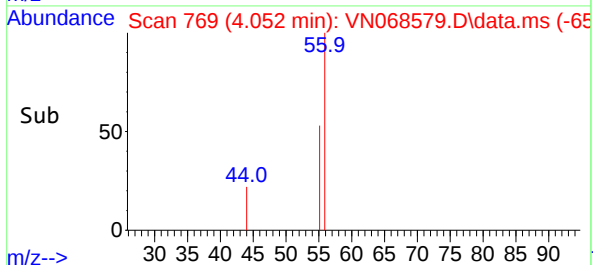
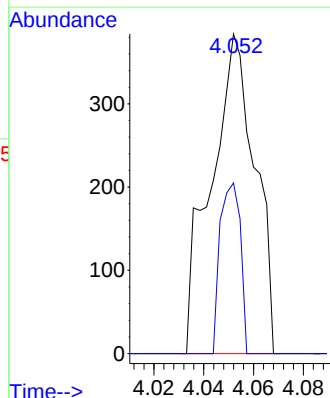
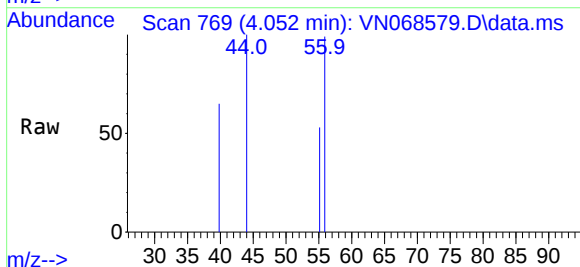
Acq: 21 Sep 2021 13:55

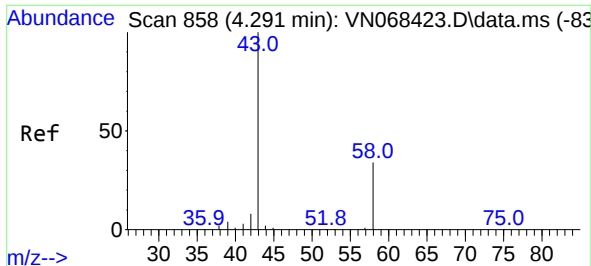
Tgt Ion: 56 Resp: 470

Ion Ratio Lower Upper

56 100

55 24.7 56.8 85.2#

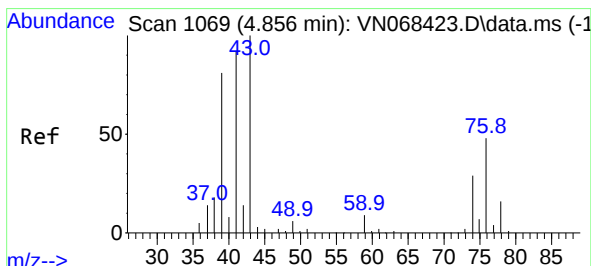
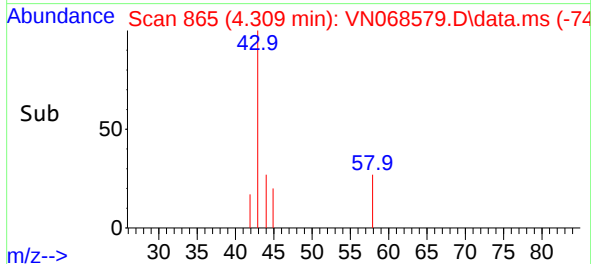
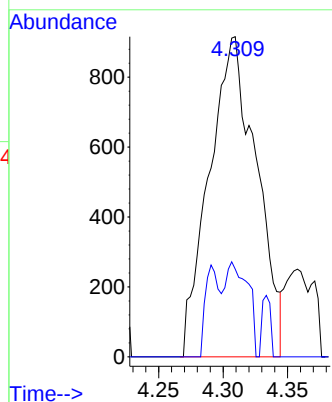
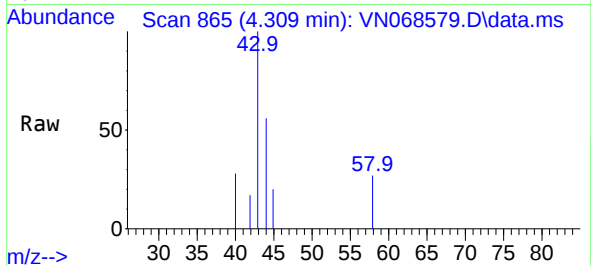




#16  
Acetone  
Concen: Below Cal  
RT: 4.309 min Scan# 865  
Delta R.T. 0.018 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

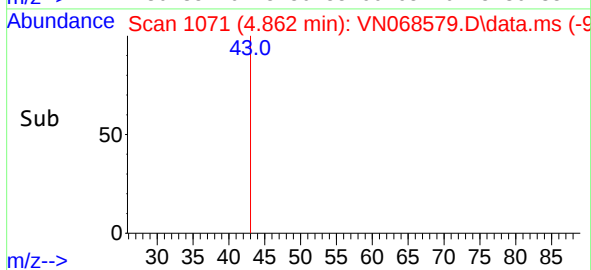
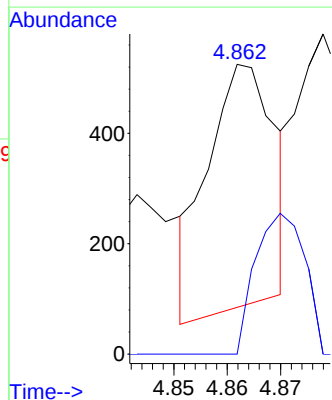
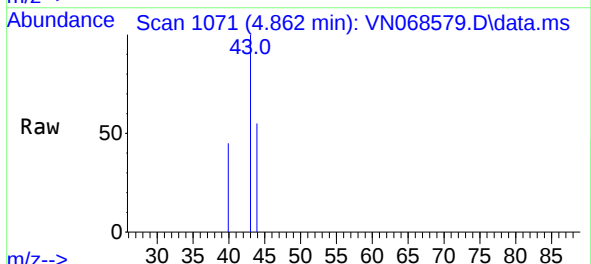
Instrument :  
MSVOA\_N  
ClientSampleId :

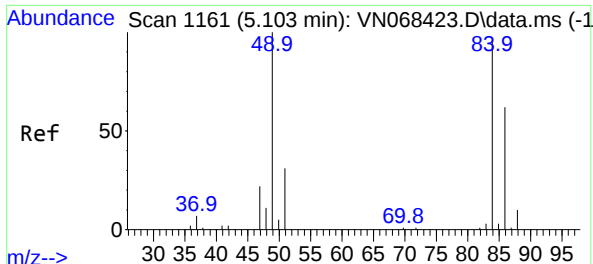
Tgt Ion: 43 Resp: 2336  
Ion Ratio Lower Upper  
43 100  
58 27.4 27.0 40.6



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.862 min Scan# 1071  
Delta R.T. 0.006 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 382  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.5 35.3#



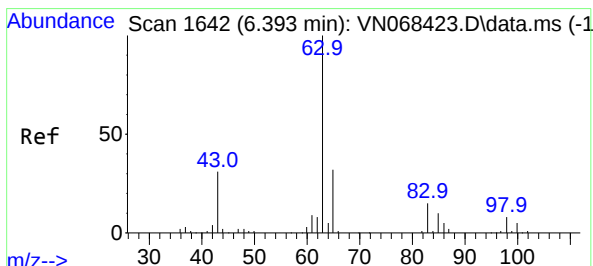
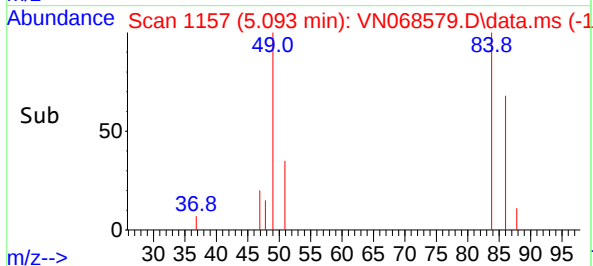
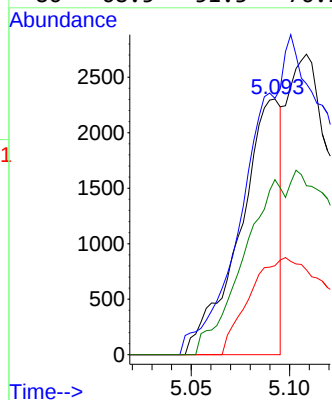
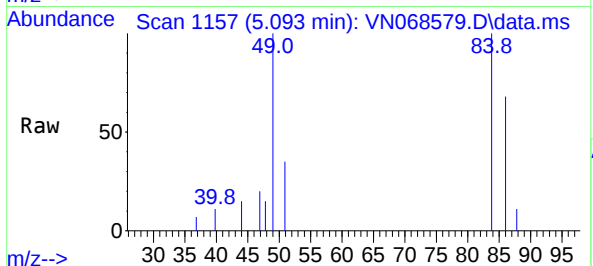


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 5.093 min Scan# 1157  
Delta R.T. -0.010 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 84 Resp: 3333

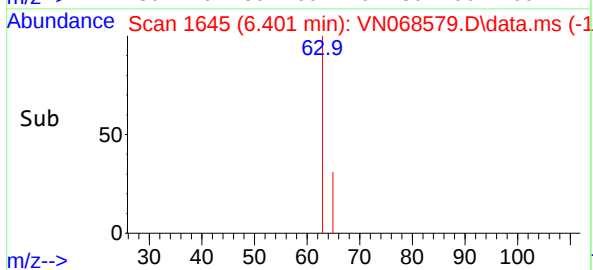
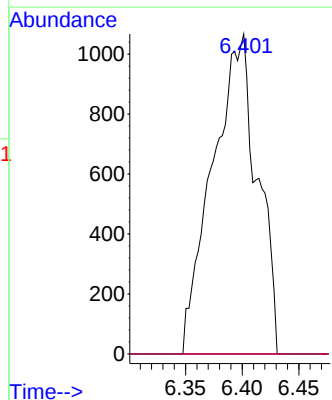
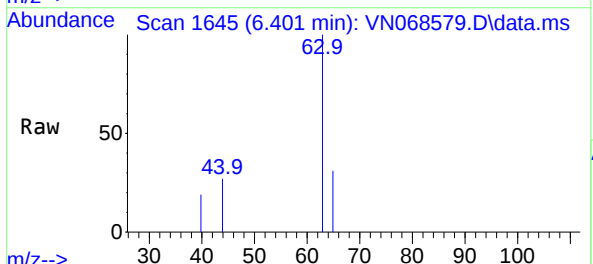
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 100.3 | 83.0  | 124.6 |
| 51  | 34.8  | 25.4  | 38.0  |
| 86  | 68.5  | 51.3  | 76.9  |

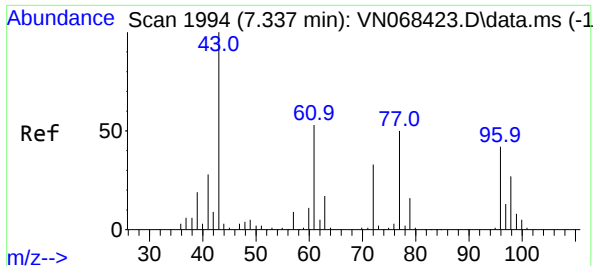


#24  
1,1-Dichloroethane  
Concen: 0.286 ug/l  
RT: 6.401 min Scan# 1645  
Delta R.T. 0.008 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 63 Resp: 2934

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 0.0   | 3.9   | 11.5# |
| 100 | 0.0   | 2.4   | 7.2#  |





#25

2-Butanone

Concen: 0.226 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

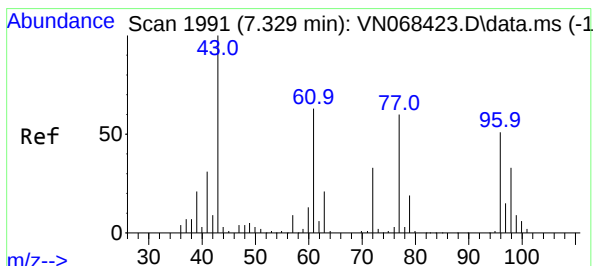
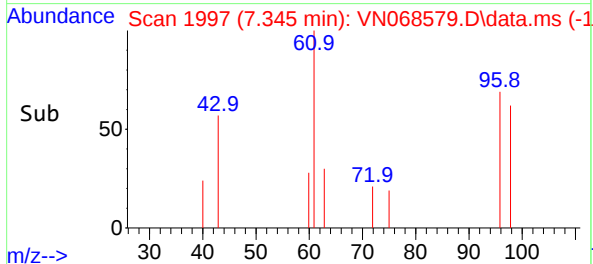
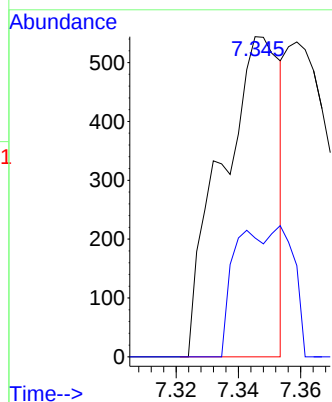
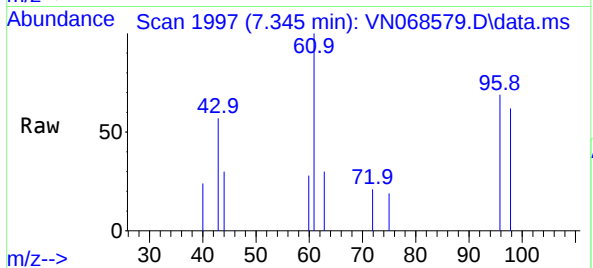
Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 704

Ion Ratio Lower Upper

|    |      |      |      |
|----|------|------|------|
| 43 | 100  |      |      |
| 72 | 37.1 | 26.7 | 40.1 |



#27

cis-1,2-Dichloroethene

Concen: 0.430 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.002 min

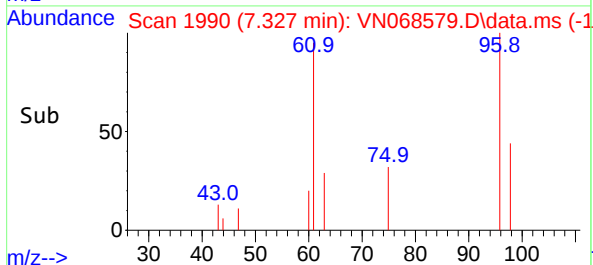
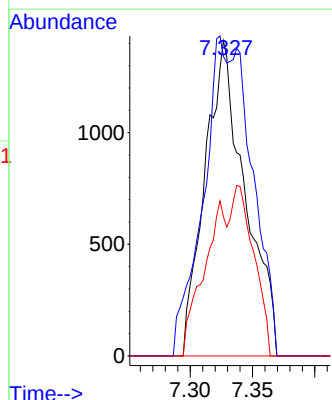
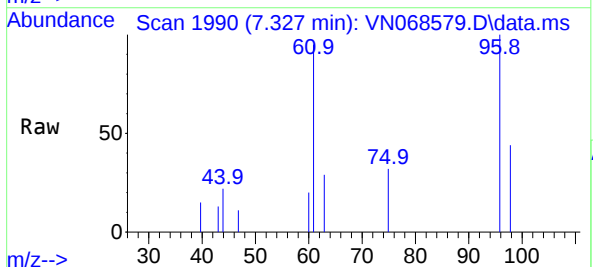
Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

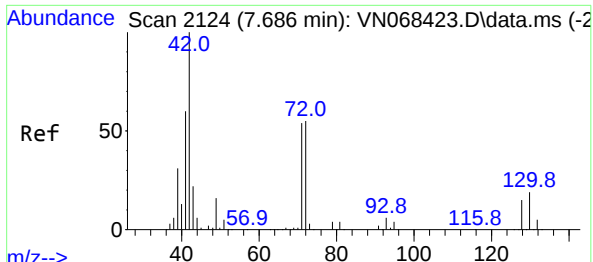
Tgt Ion: 96 Resp: 3171

Ion Ratio Lower Upper

|    |      |     |       |
|----|------|-----|-------|
| 96 | 100  |     |       |
| 61 | 60.7 | 0.0 | 246.4 |
| 98 | 28.1 | 0.0 | 130.4 |



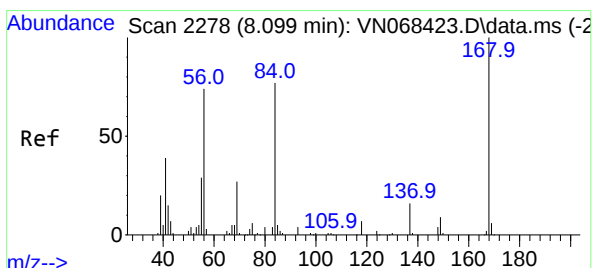
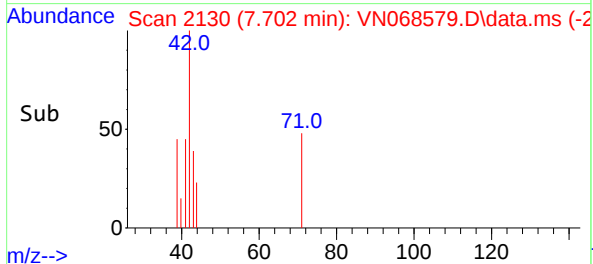
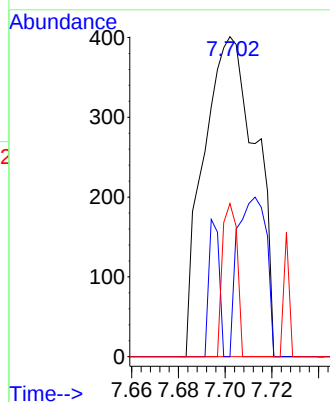
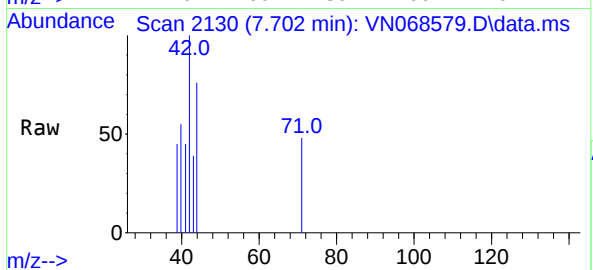
Instrument :  
MSVOA\_N  
ClientSampled :



#29  
Tetrahydrofuran  
Concen: 0.304 ug/l  
RT: 7.702 min Scan# 2130  
Delta R.T. 0.016 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

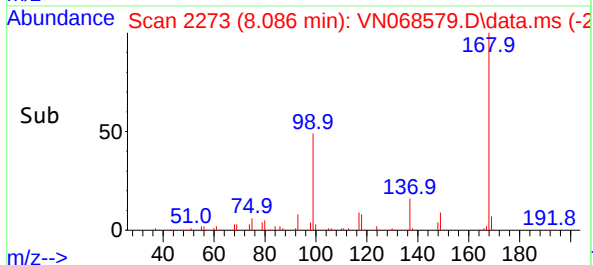
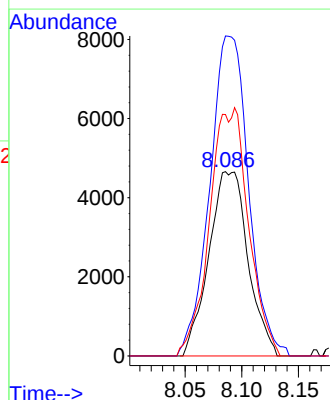
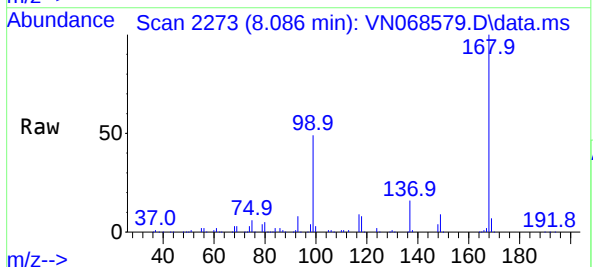
Instrument :  
MSVOA\_N  
ClientSampled :

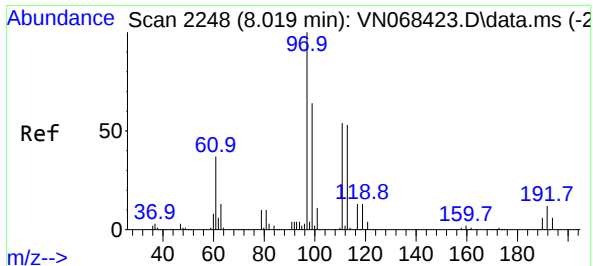
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 620   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 8.5   | 44.4  | 66.6# |
| 71       | 13.5  | 42.3  | 63.5# |



#31  
Cyclohexane  
Concen: 1.151 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.013 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 11197  |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 170.1 | 29.4  | 44.0#  |
| 84       | 131.0 | 83.6  | 125.4# |

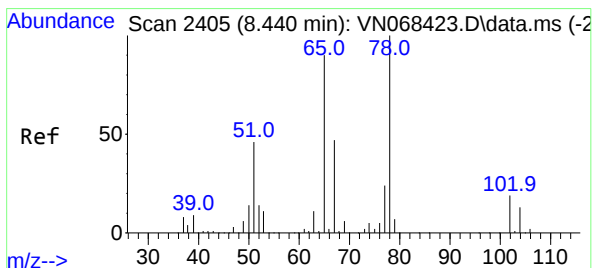
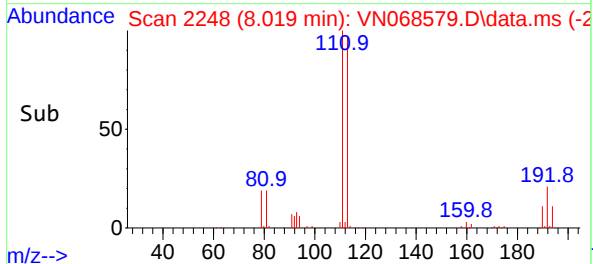
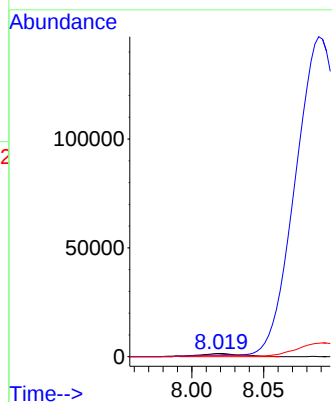
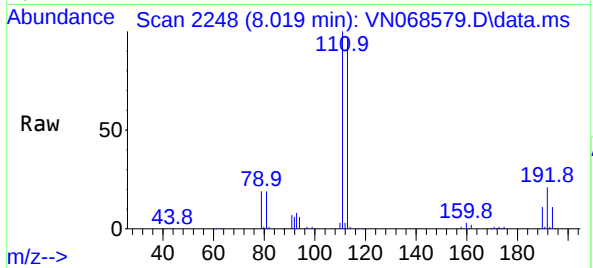




#32  
1,1,1-Trichloroethane  
Concen: 0.259 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. -0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

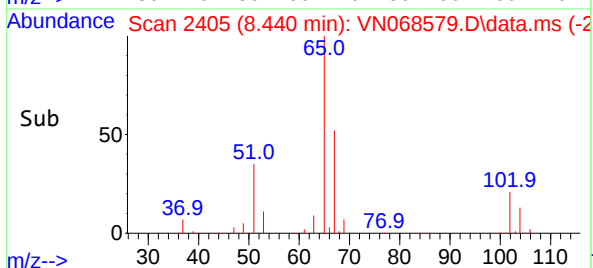
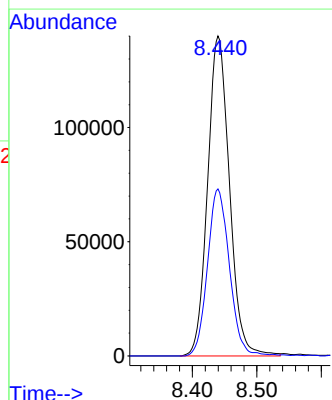
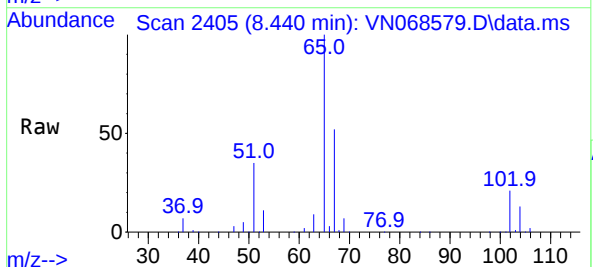
Instrument :  
MSVOA\_N  
ClientSampled :

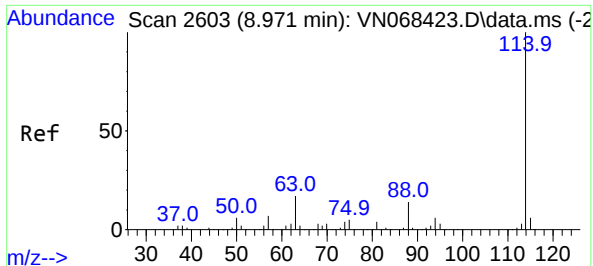
Tgt Ion: 97 Resp: 2914  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.0#  
61 21.3 30.3 45.5#



#33  
1,2-Dichloroethane-d4  
Concen: 51.401 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 65 Resp: 330073  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 104.0

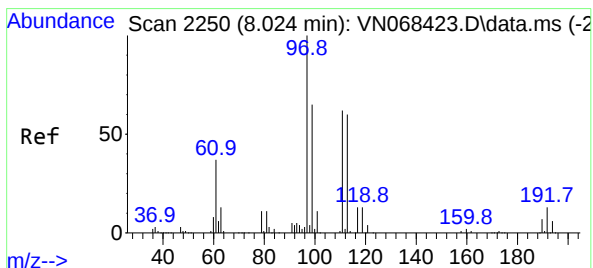
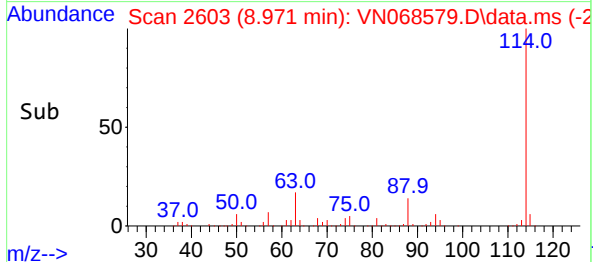
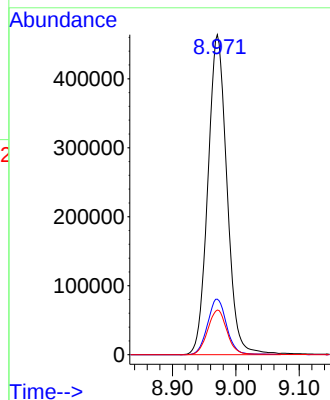
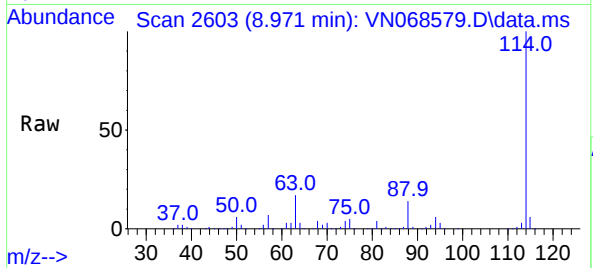




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. -0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

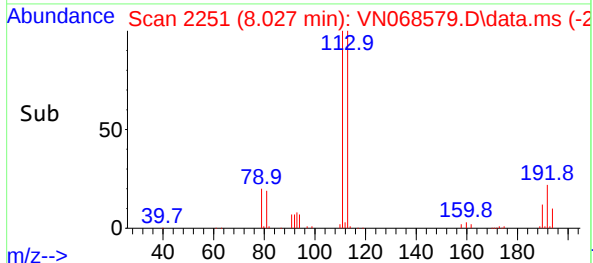
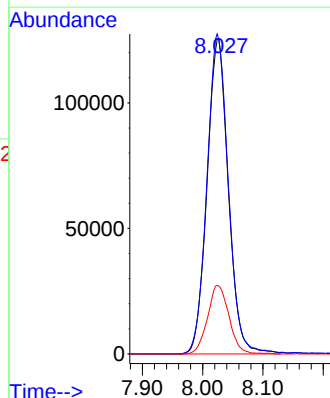
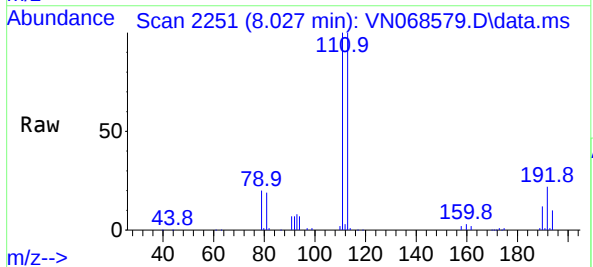
Instrument :  
MSVOA\_N  
ClientSampleId :

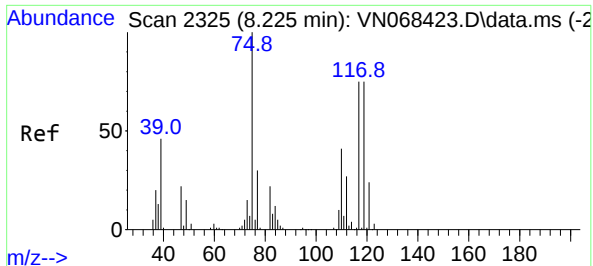
Tgt Ion:114 Resp: 970181  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 33.2  
88 14.0 0.0 28.4



#35  
Dibromofluoromethane  
Concen: 52.660 ug/l  
RT: 8.027 min Scan# 2251  
Delta R.T. 0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:113 Resp: 308136  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.1 121.7  
192 21.9 17.7 26.5

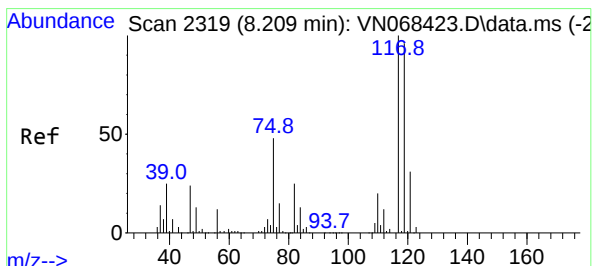
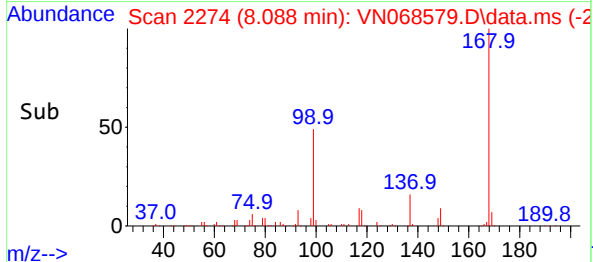
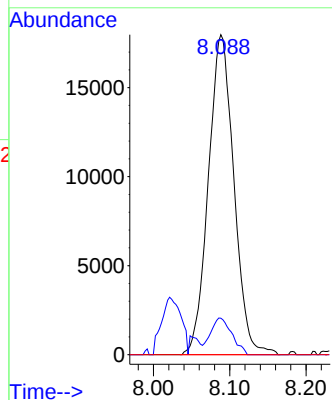
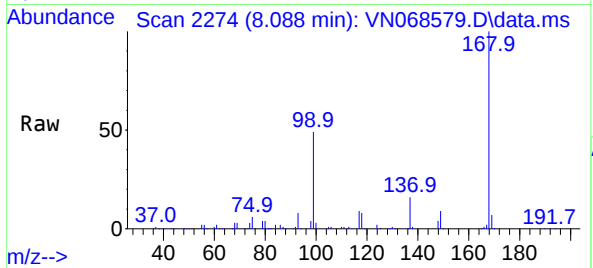




#36  
1,1-Dichloropropene  
Concen: 5.167 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. -0.137 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

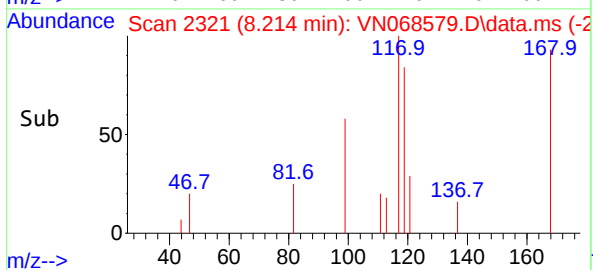
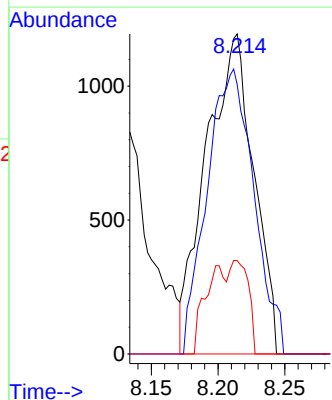
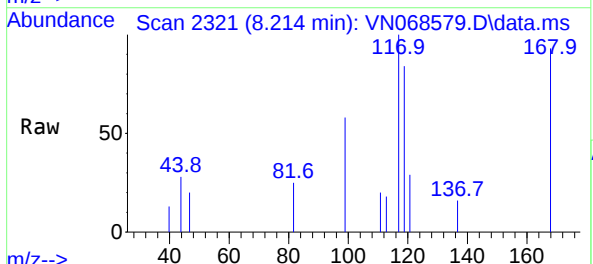
Instrument :  
MSVOA\_N  
ClientSampled :

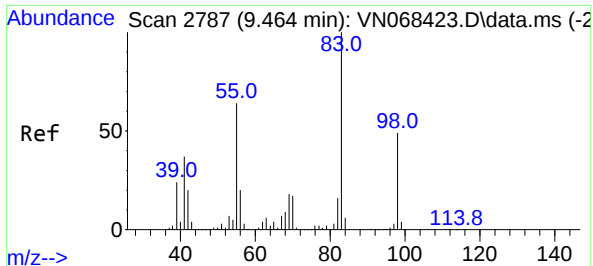
Tgt Ion: 75 Resp: 41793  
Ion Ratio Lower Upper  
75 100  
110 9.6 20.8 62.5#  
77 0.0 25.0 37.6#



#38  
Carbon Tetrachloride  
Concen: 0.306 ug/l  
RT: 8.214 min Scan# 2321  
Delta R.T. 0.005 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 117 Resp: 2961  
Ion Ratio Lower Upper  
117 100  
119 84.3 76.6 114.8  
121 29.2 24.5 36.7





#39

Methylcyclohexane

Concen: 0.417 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.247 min

Lab File: VN068579.D

Acq: 21 Sep 2021 13:55

Tgt Ion: 83 Resp: 4268

Ion Ratio Lower Upper

83 100

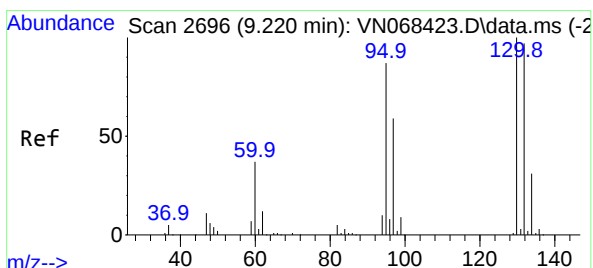
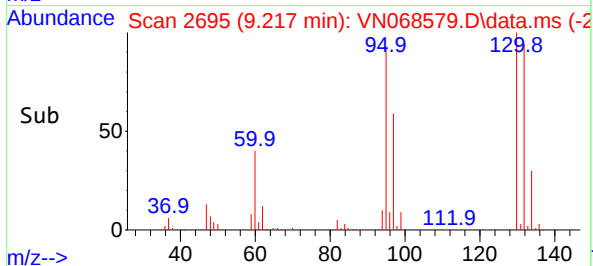
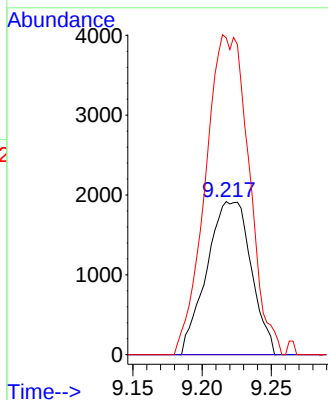
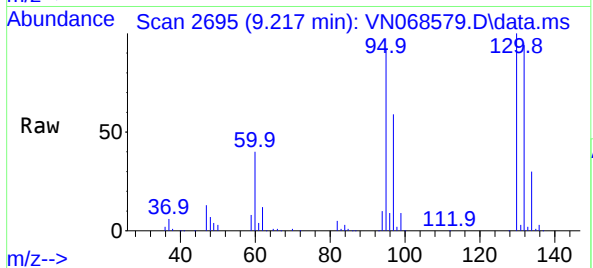
55 0.0 51.0 76.4#

98 198.6 39.5 59.3#

Instrument :

MSVOA\_N

ClientSampleId :



#44

Trichloroethene

Concen: 49.394 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN068579.D

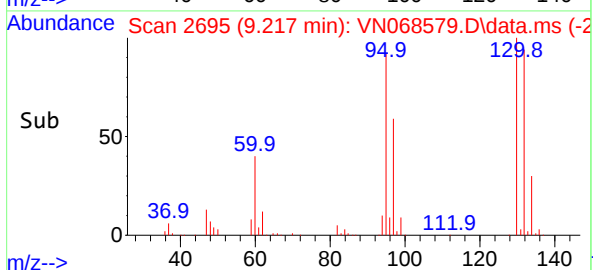
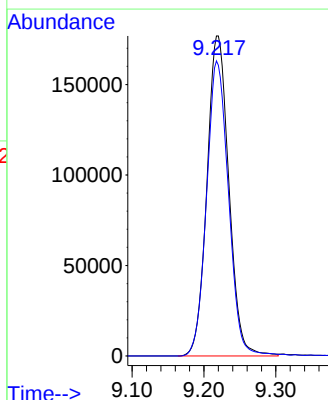
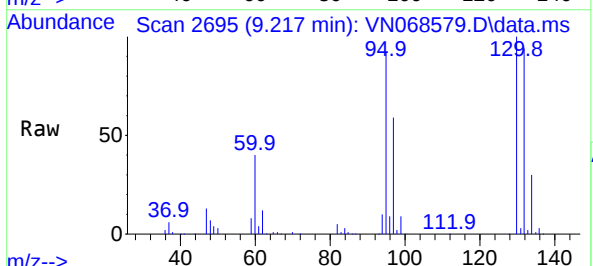
Acq: 21 Sep 2021 13:55

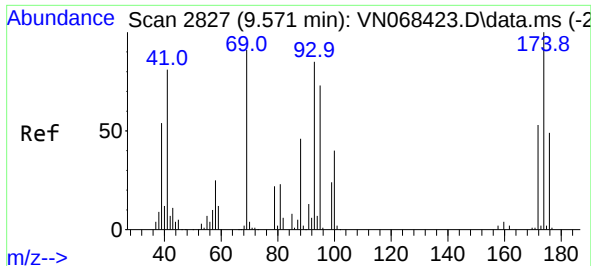
Tgt Ion:130 Resp: 374435

Ion Ratio Lower Upper

130 100

95 92.2 0.0 173.8

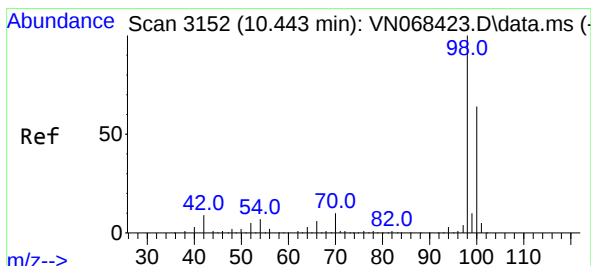
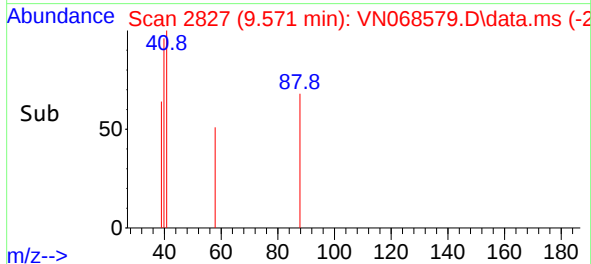
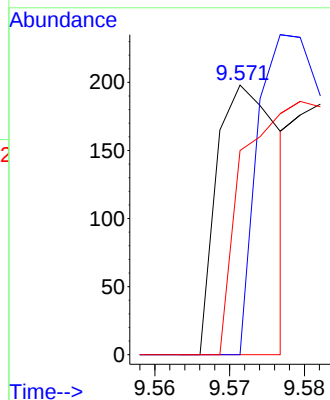
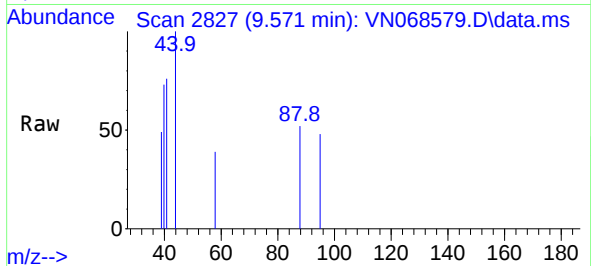




#49  
1,4-Dioxane  
Concen: 1.096 ug/l  
RT: 9.571 min Scan# 2827  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

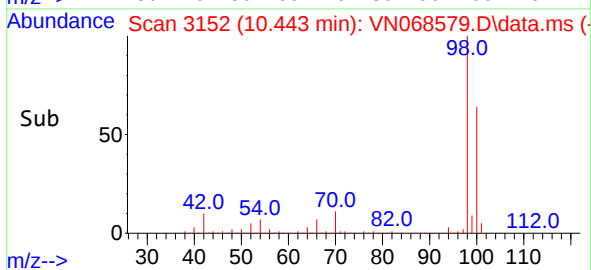
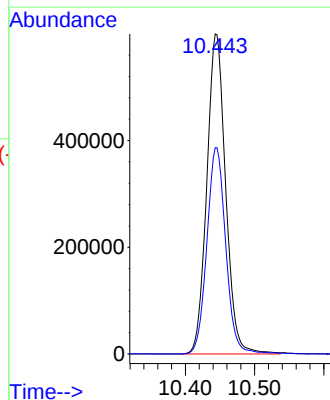
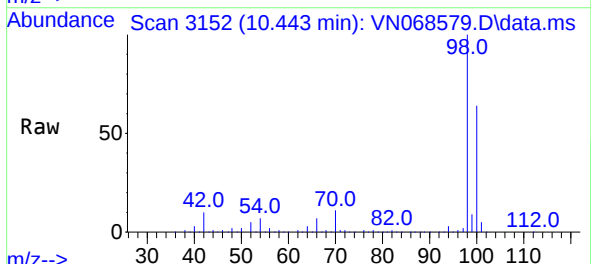
Instrument :  
MSVOA\_N  
ClientSampled :

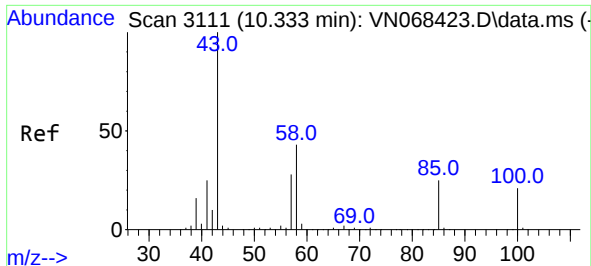
Tgt Ion: 88 Resp: 114  
Ion Ratio Lower Upper  
88 100  
43 119.3 18.9 28.3#  
58 0.0 46.6 69.8#



#50  
Toluene-d8  
Concen: 47.426 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 98 Resp: 1133420  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.0 76.6

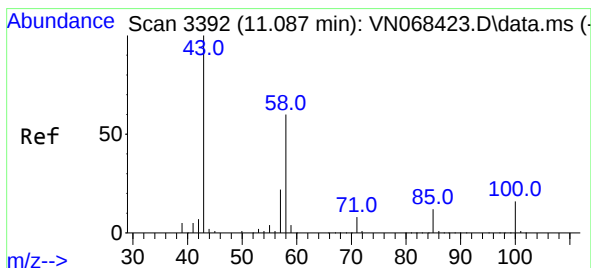
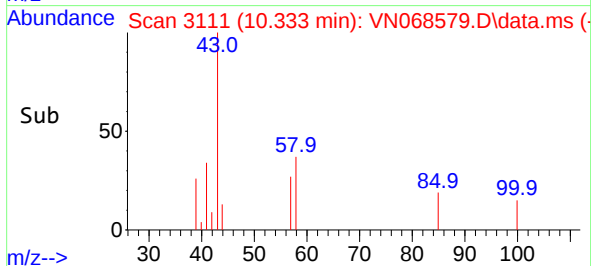
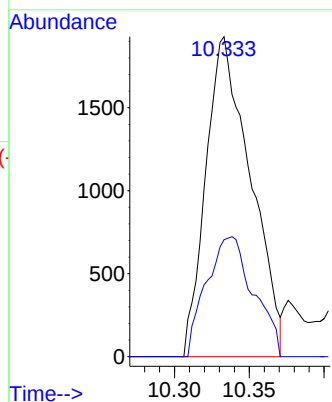
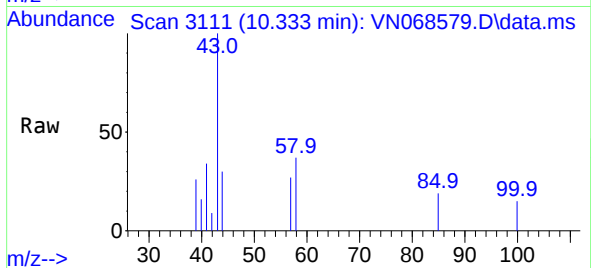




#51  
4-Methyl-2-Pentanone  
Concen: 0.646 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

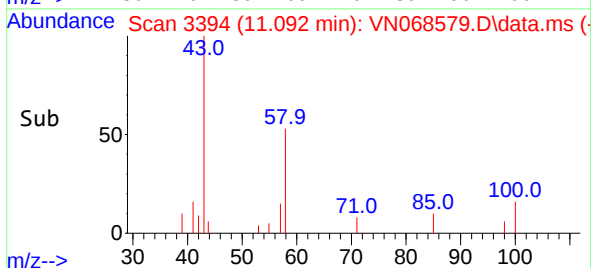
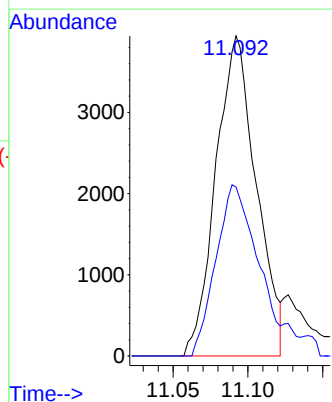
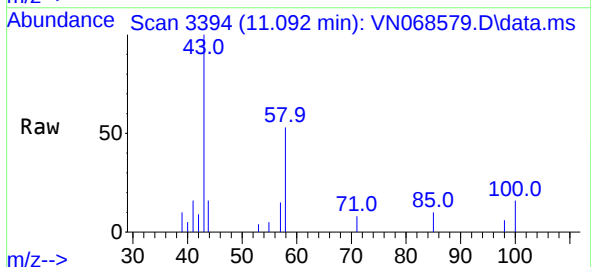
Instrument :  
MSVOA\_N  
ClientSampled :

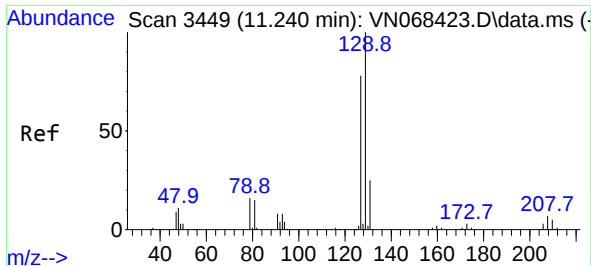
Tgt Ion: 43 Resp: 4006  
Ion Ratio Lower Upper  
43 100  
58 39.5 34.3 51.5



#59  
2-Hexanone  
Concen: 1.787 ug/l  
RT: 11.092 min Scan# 3394  
Delta R.T. 0.005 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 43 Resp: 7415  
Ion Ratio Lower Upper  
43 100  
58 58.4 30.0 90.1

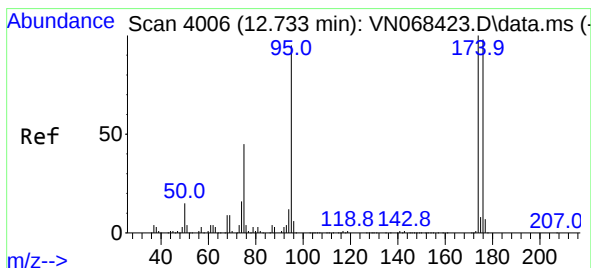
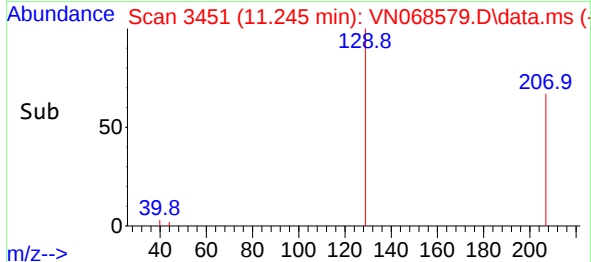
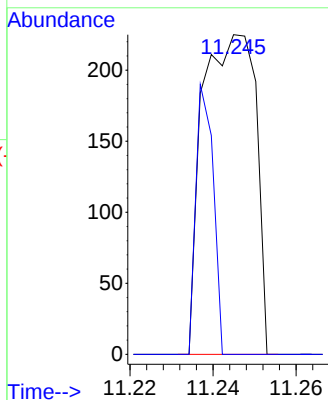
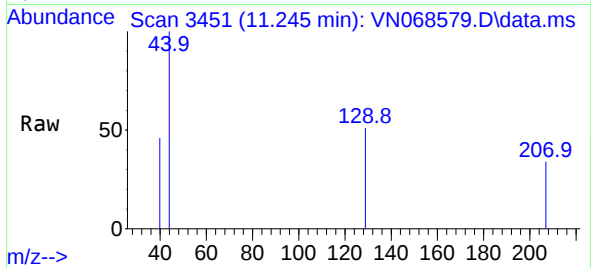




#60  
Dibromochloromethane  
Concen: 1.825 ug/l  
RT: 11.245 min Scan# 3451  
Delta R.T. 0.005 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

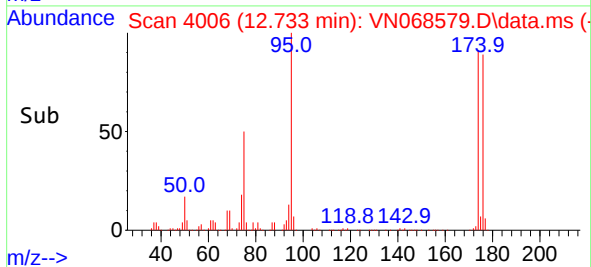
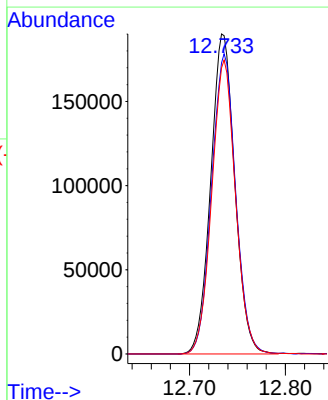
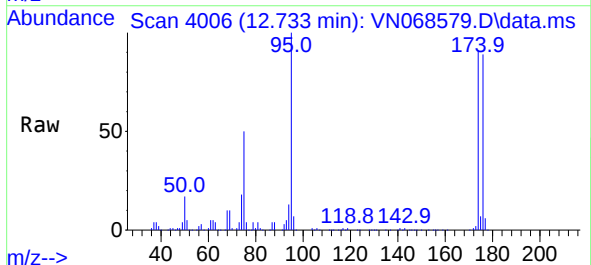
Instrument :  
MSVOA\_N  
ClientSampled :

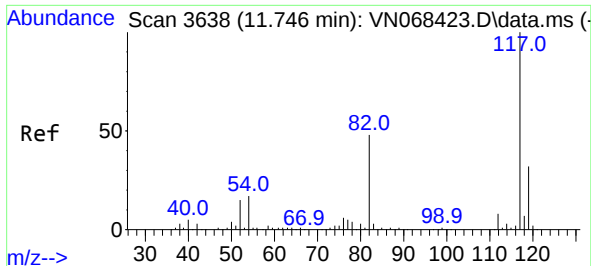
Tgt Ion:129 Resp: 199  
Ion Ratio Lower Upper  
129 100  
127 27.6 38.5 115.3#



#62  
4-Bromofluorobenzene  
Concen: 42.507 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 95 Resp: 330895  
Ion Ratio Lower Upper  
95 100  
174 94.2 0.0 214.0  
176 90.7 0.0 205.4

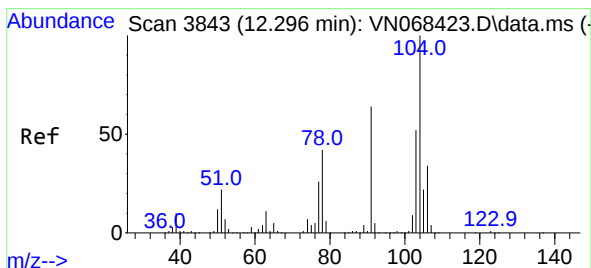
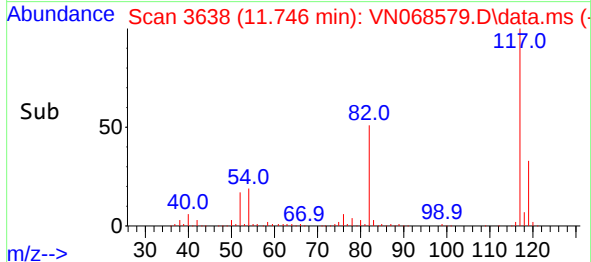
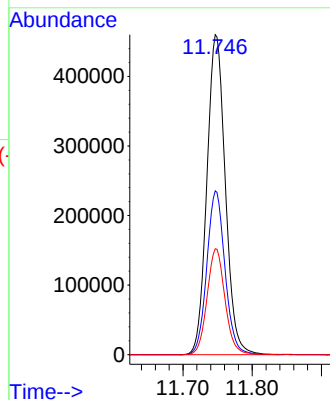
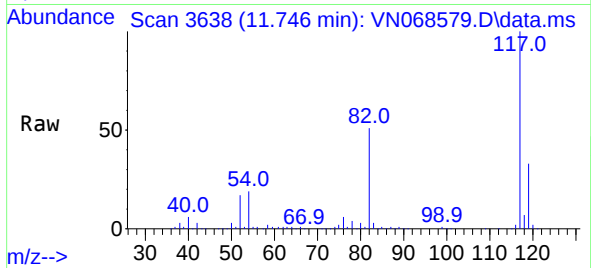




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

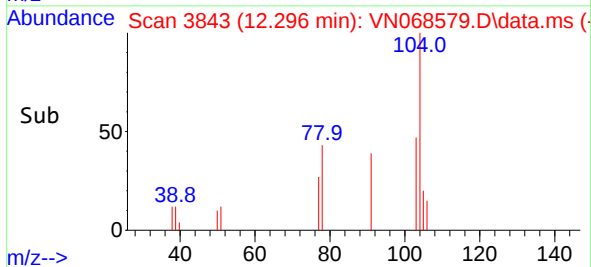
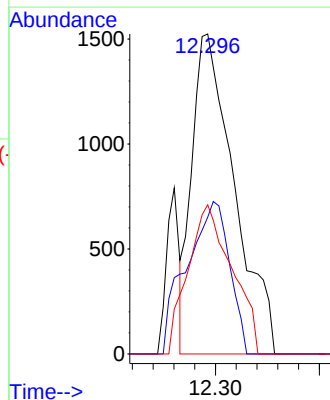
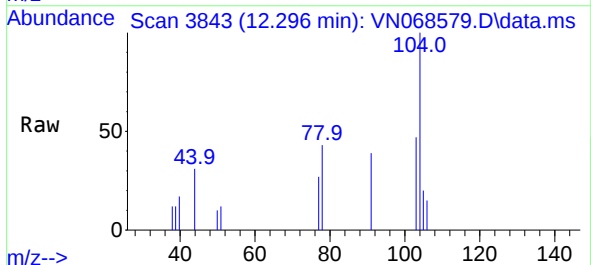
Instrument :  
MSVOA\_N  
ClientSampleId :

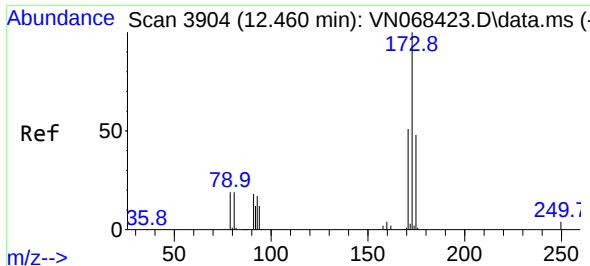
Tgt Ion:117 Resp: 850648  
Ion Ratio Lower Upper  
117 100  
82 51.2 38.7 58.1  
119 33.1 25.5 38.3



#70  
Styrene  
Concen: 1.859 ug/l  
RT: 12.296 min Scan# 3843  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:104 Resp: 2156  
Ion Ratio Lower Upper  
104 100  
78 48.3 36.2 54.2  
103 48.4 44.4 66.6

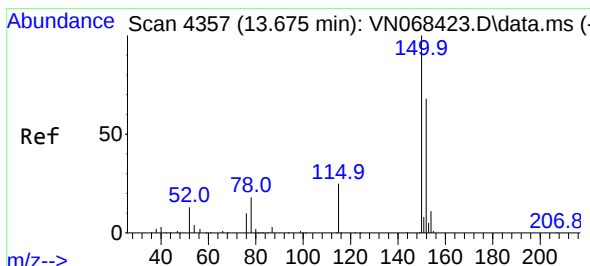
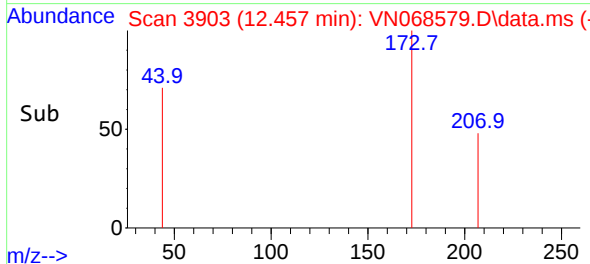
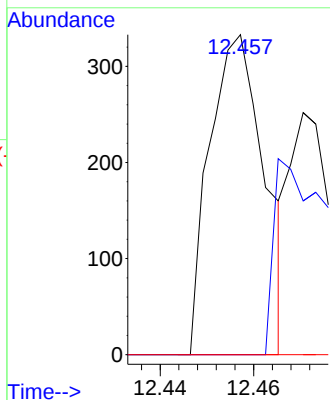
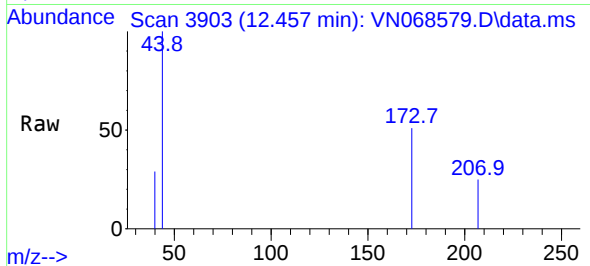




#71  
Bromoform  
Concen: 2.566 ug/l  
RT: 12.457 min Scan# 3903  
Delta R.T. -0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

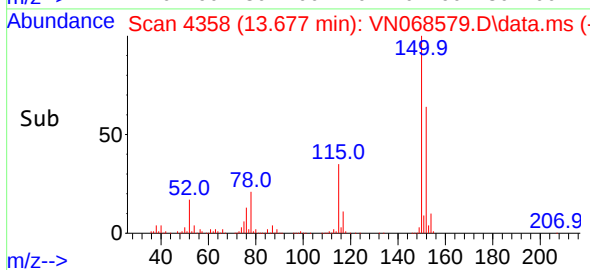
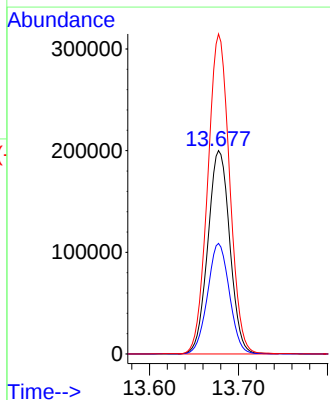
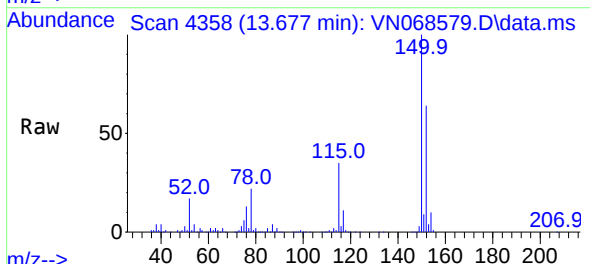
Instrument :  
MSVOA\_N  
ClientSampleId :

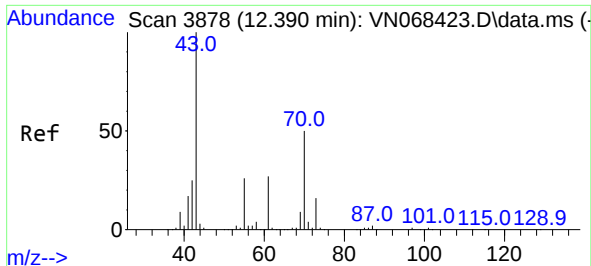
Tgt Ion:173 Resp: 270  
Ion Ratio Lower Upper  
173 100  
175 0.0 24.1 72.3#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.002 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

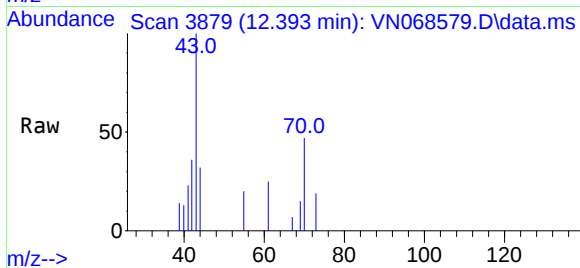
Tgt Ion:152 Resp: 343133  
Ion Ratio Lower Upper  
152 100  
115 54.2 25.6 76.6  
150 157.0 0.0 346.8



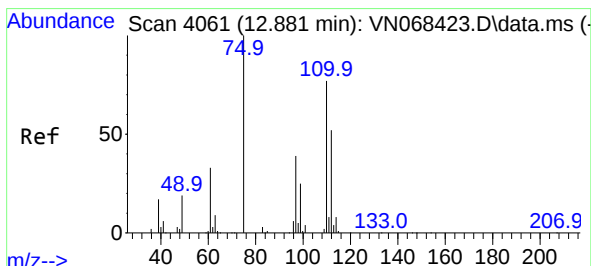
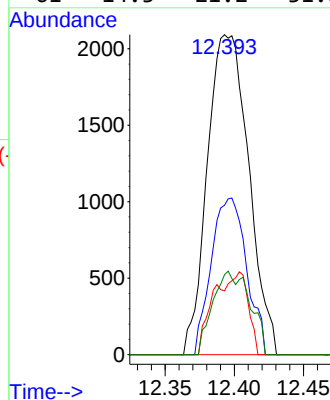
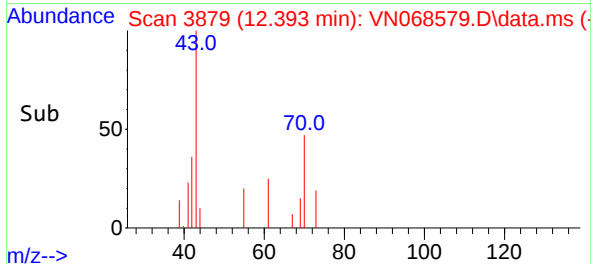


#74  
N-amy1 acetate  
Concen: 0.799 ug/l  
RT: 12.393 min Scan# 3879  
Delta R.T. 0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

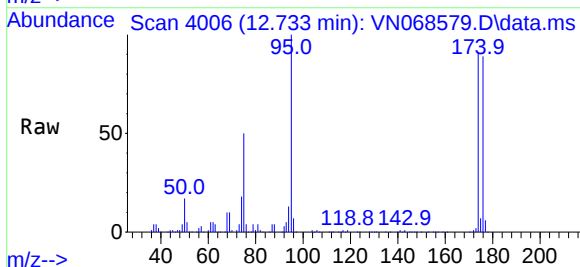
Instrument :  
MSVOA\_N  
ClientSampled :



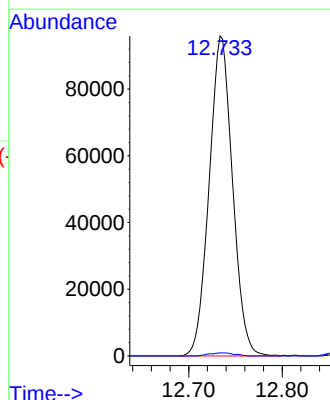
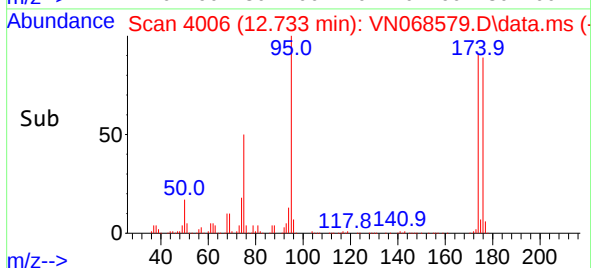
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 4350  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 41.8  | 40.0  | 60.0  |
| 55       | 9.1   | 21.1  | 31.7# |
| 61       | 14.3  | 21.2  | 31.8# |

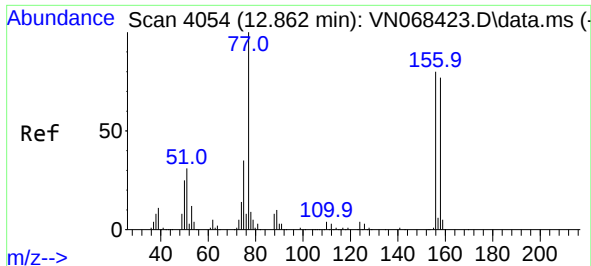


#76  
1,2,3-Trichloropropane  
Concen: 35.001 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.148 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 166712 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.0   | 100.9 | 302.7# |

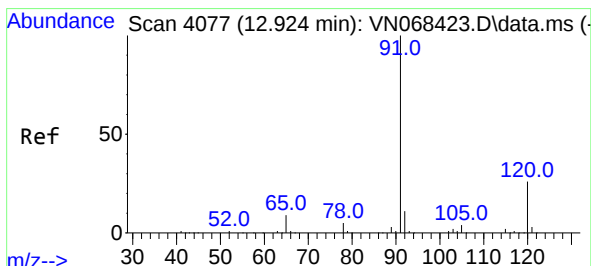
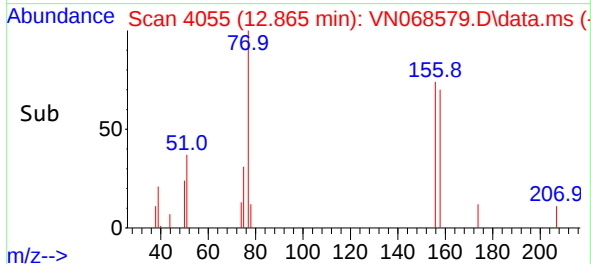
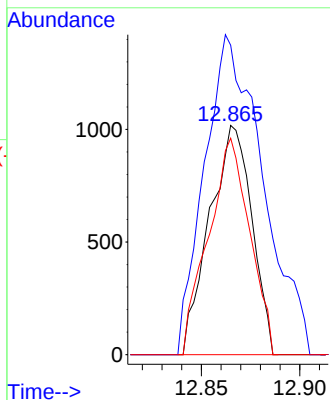
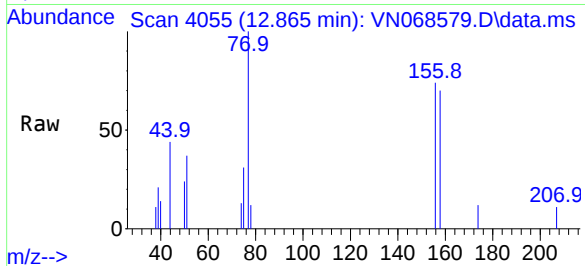




#77  
Bromobenzene  
Concen: 0.225 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

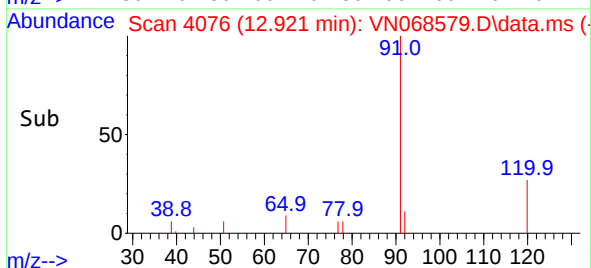
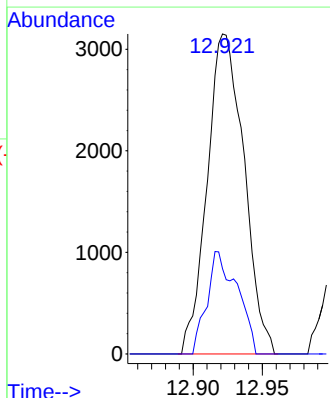
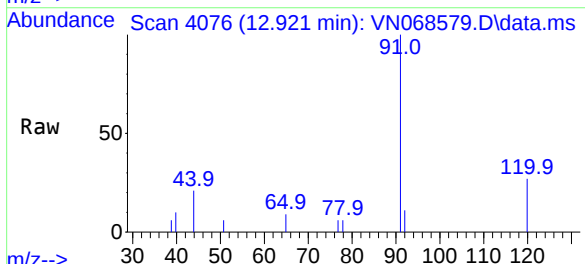
Instrument :  
MSVOA\_N  
ClientSampled :

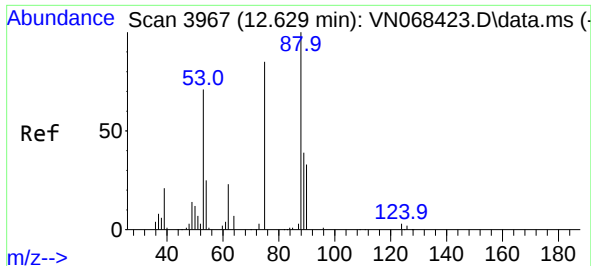
Tgt Ion:156 Resp: 1517  
Ion Ratio Lower Upper  
156 100  
77 192.9 73.0 219.0  
158 92.2 49.0 147.2



#78  
n-propylbenzene  
Concen: 0.226 ug/l  
RT: 12.921 min Scan# 4076  
Delta R.T. -0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 91 Resp: 5823  
Ion Ratio Lower Upper  
91 100  
120 26.3 13.2 39.6

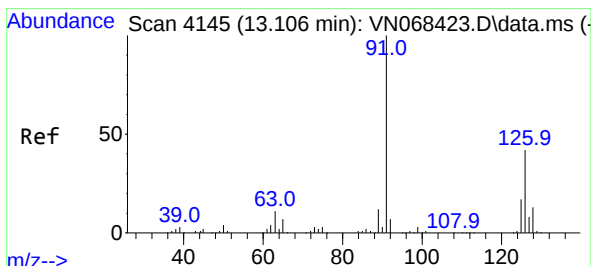
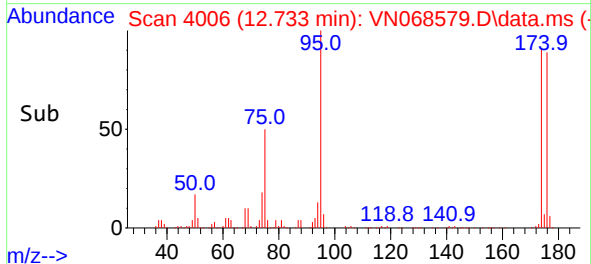
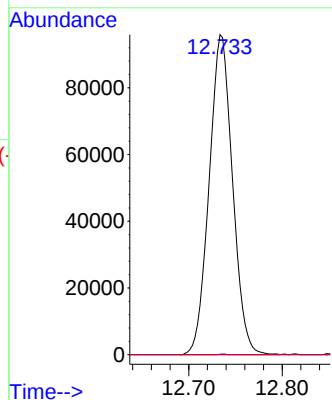
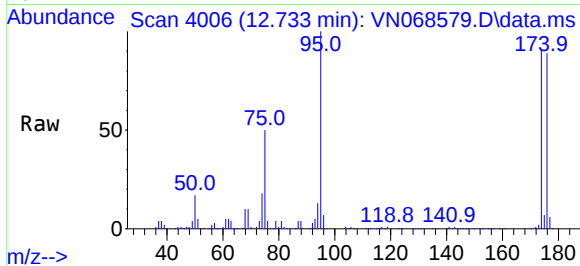




#81  
trans-1,4-Dichloro-2-butene  
Concen: 107.674 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.104 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

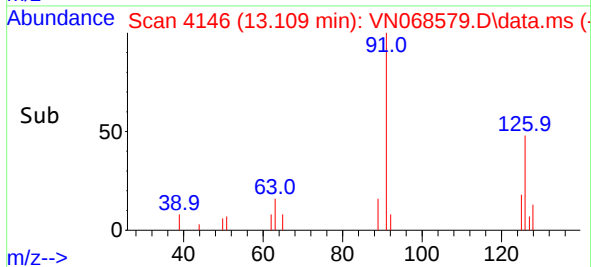
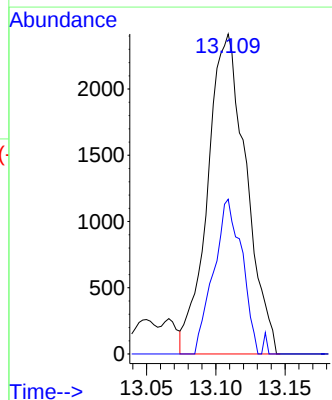
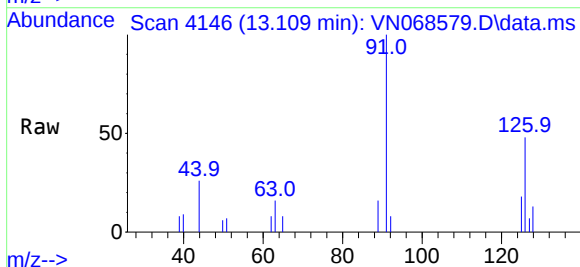
Instrument :  
MSVOA\_N  
ClientSampled :

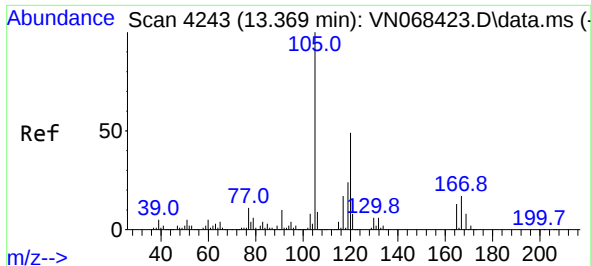
Tgt Ion: 75 Resp: 166712  
Ion Ratio Lower Upper  
75 100  
53 0.1 70.6 105.8#  
89 0.0 39.5 59.3#



#82  
4-Chlorotoluene  
Concen: 0.304 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion: 91 Resp: 4662  
Ion Ratio Lower Upper  
91 100  
126 35.6 19.8 59.3

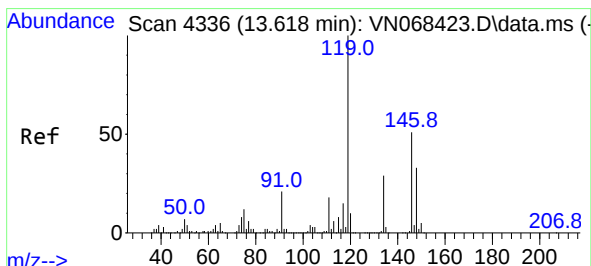
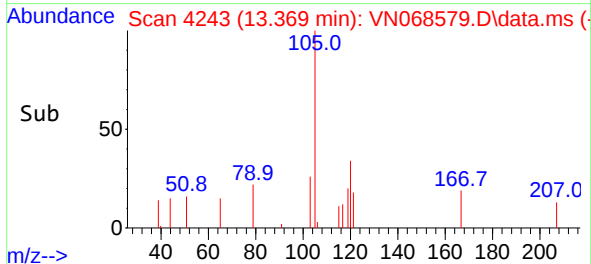
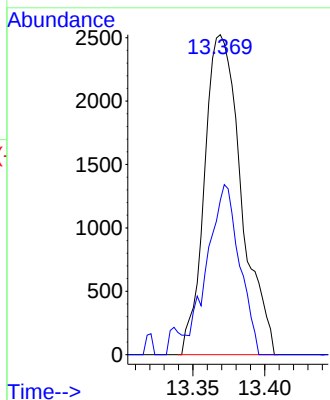
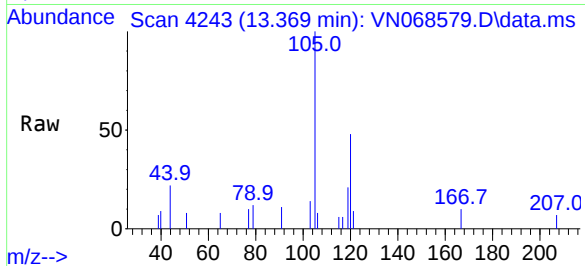




#84  
1,2,4-Trimethylbenzene  
Concen: 0.236 ug/l  
RT: 13.369 min Scan# 4243  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

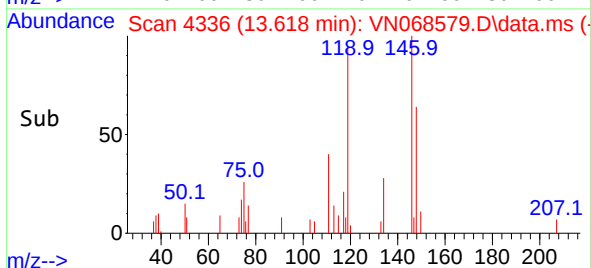
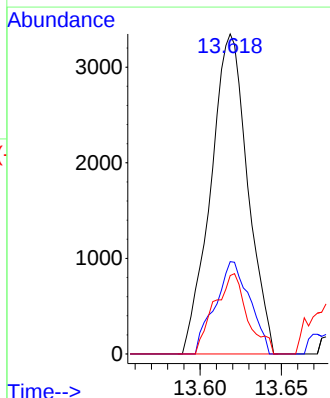
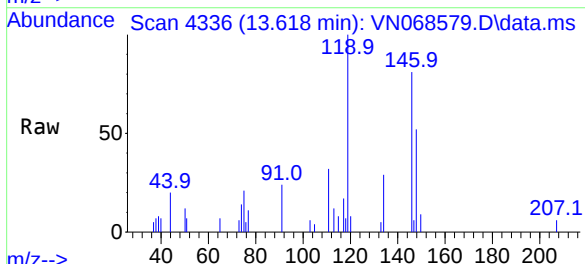
Instrument :  
MSVOA\_N  
ClientSampled :

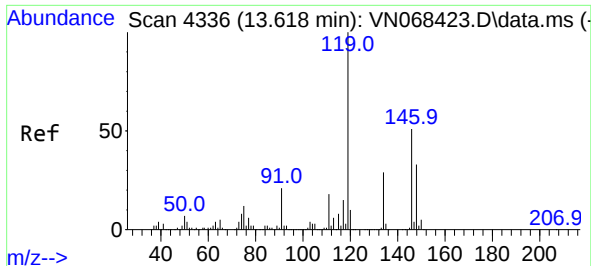
Tgt Ion:105 Resp: 4491  
Ion Ratio Lower Upper  
105 100  
120 46.4 24.3 72.9



#86  
p-Isopropyltoluene  
Concen: 0.262 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:119 Resp: 5287  
Ion Ratio Lower Upper  
119 100  
134 27.0 14.1 42.4  
91 22.6 10.6 31.8



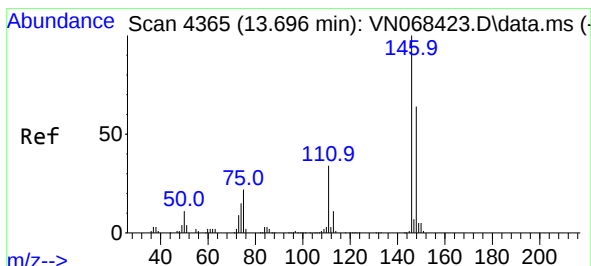
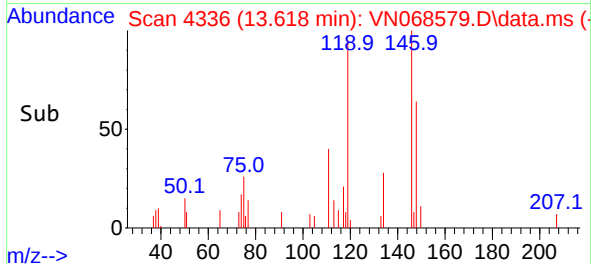
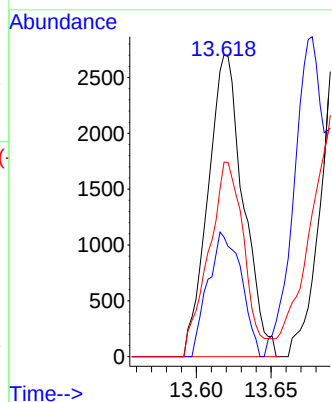
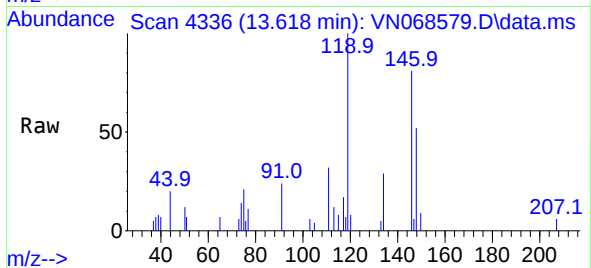


#87

1,3-Dichlorobenzene  
Concen: 0.380 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Instrument :  
MSVOA\_N  
ClientSampled :

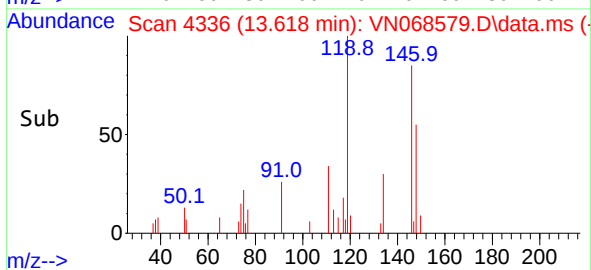
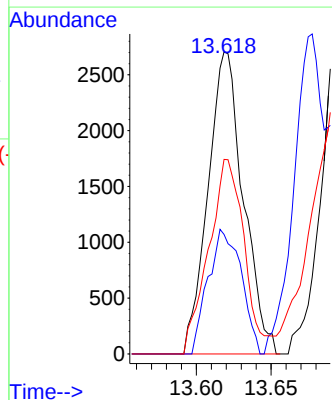
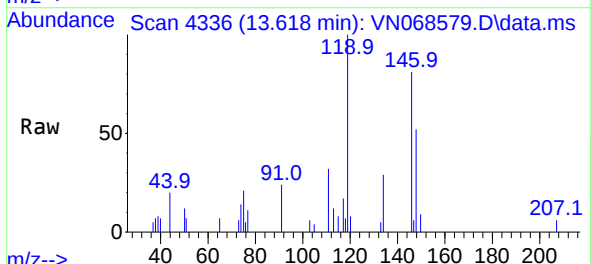
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 4453      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 38.8  | 17.6 52.8 |
| 148         | 65.0  | 32.1 96.3 |

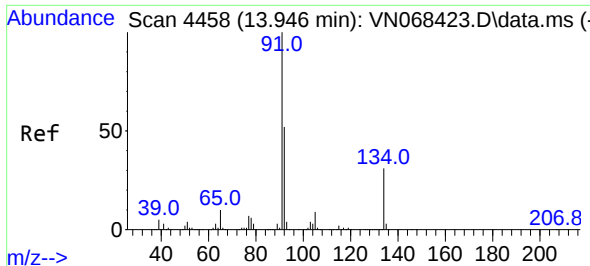


#88

1,4-Dichlorobenzene  
Concen: 0.386 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. -0.078 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 4453      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 38.8  | 17.2 51.6 |
| 148         | 65.0  | 31.9 95.7 |

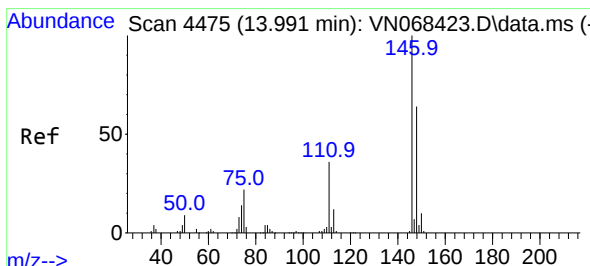
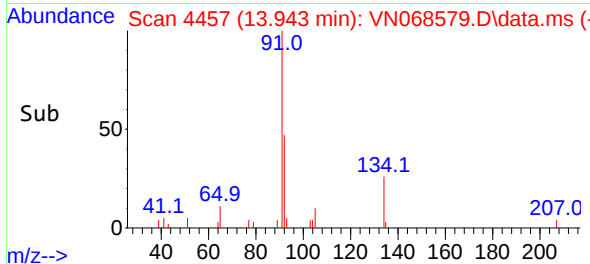
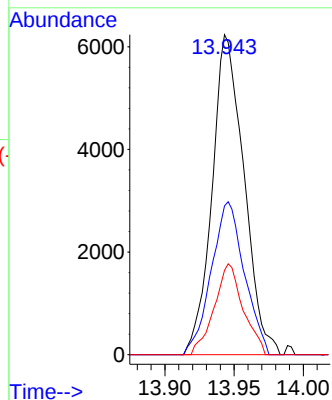
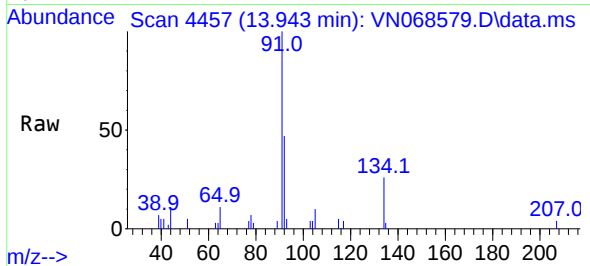




#89  
n-Butylbenzene  
Concen: 0.679 ug/l  
RT: 13.943 min Scan# 4457  
Delta R.T. -0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

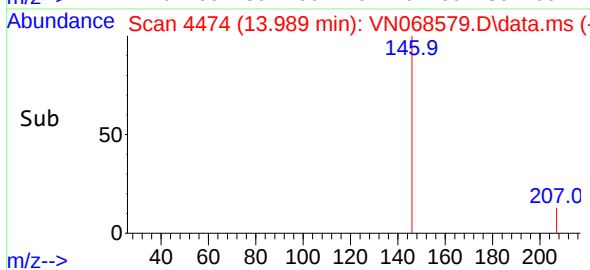
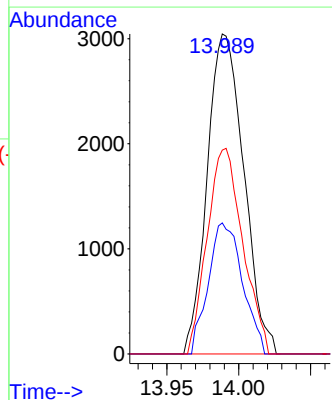
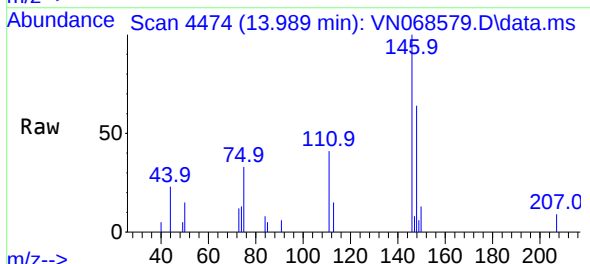
Instrument :  
MSVOA\_N  
ClientSampleId :

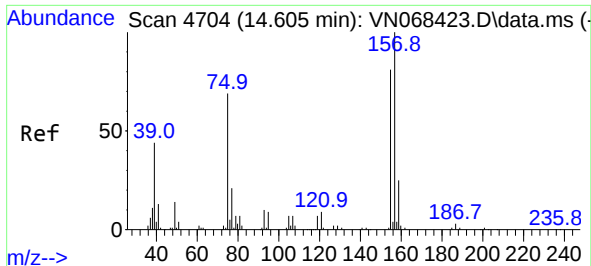
Tgt Ion: 91 Resp: 9970  
Ion Ratio Lower Upper  
91 100  
92 49.7 26.0 78.0  
134 25.8 15.4 46.2



#91  
1,2-Dichlorobenzene  
Concen: 0.477 ug/l  
RT: 13.989 min Scan# 4474  
Delta R.T. -0.002 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:146 Resp: 5390  
Ion Ratio Lower Upper  
146 100  
111 38.3 18.1 54.3  
148 62.4 32.1 96.5

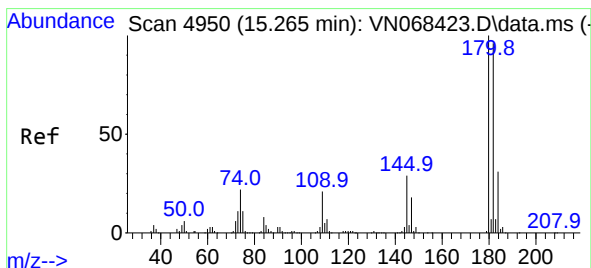
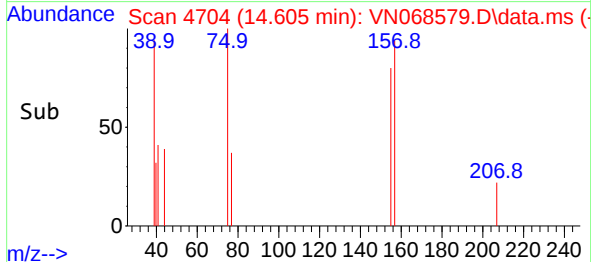
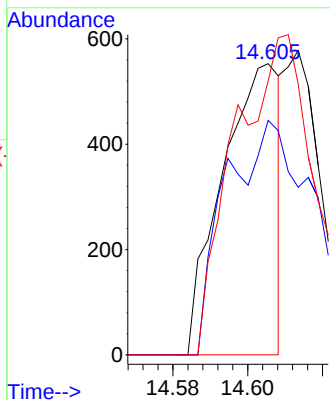
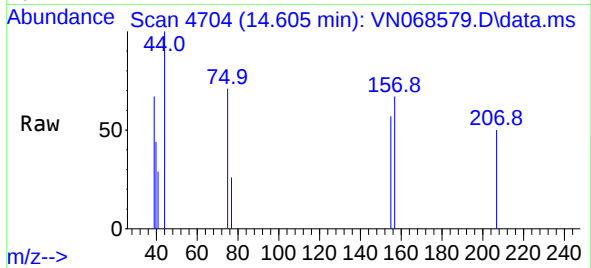




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.541 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

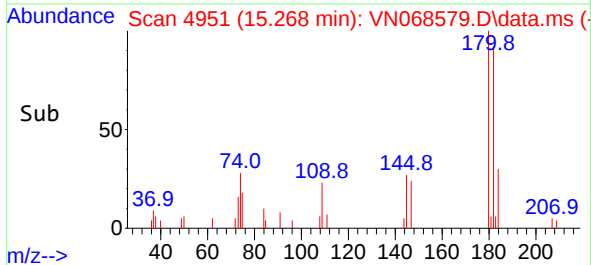
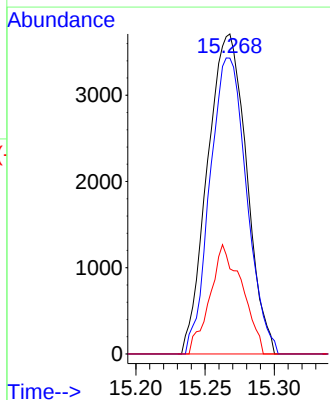
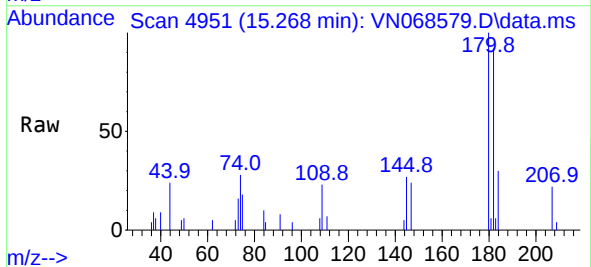
Instrument :  
MSVOA\_N  
ClientSampled :

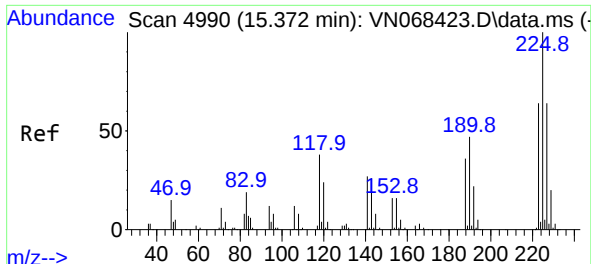
Tgt Ion: 75 Resp: 588  
Ion Ratio Lower Upper  
75 100  
155 116.7 56.9 170.7  
157 150.5 73.0 219.2



#93  
1,2,4-Trichlorobenzene  
Concen: 4.027 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:180 Resp: 7278  
Ion Ratio Lower Upper  
180 100  
182 86.7 47.5 142.6  
145 28.2 14.1 42.4

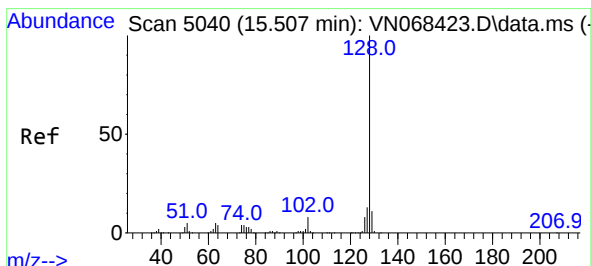
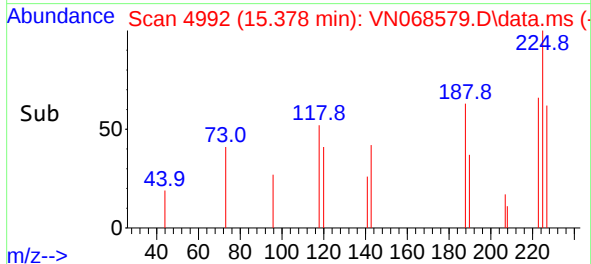
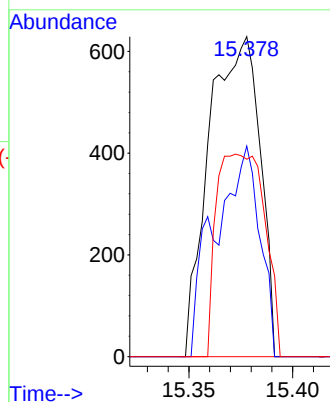
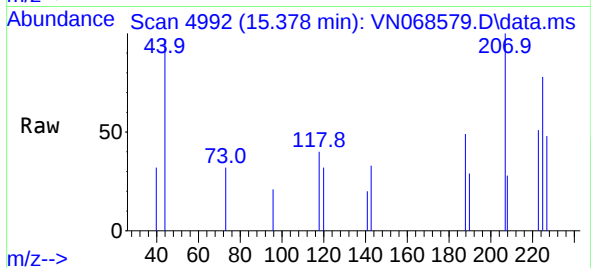




#94  
Hexachlorobutadiene  
Concen: 0.320 ug/l  
RT: 15.378 min Scan# 4992  
Delta R.T. 0.006 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

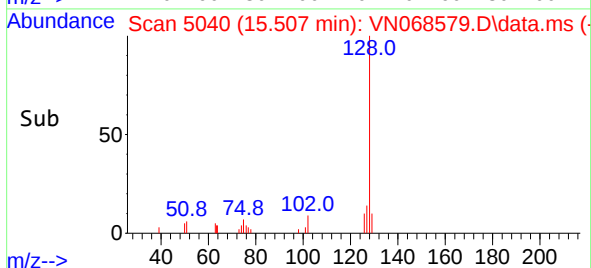
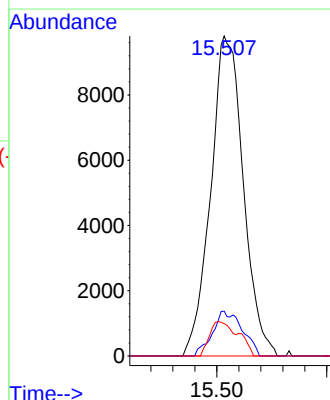
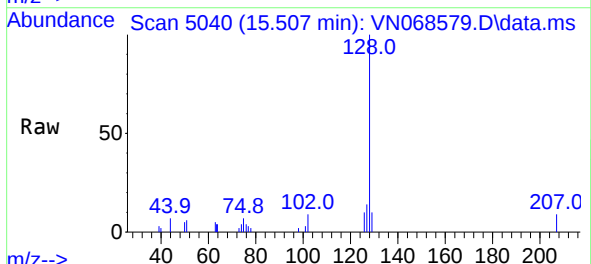
Instrument :  
MSVOA\_N  
ClientSampled :

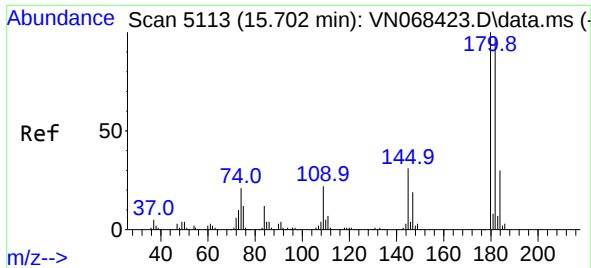
Tgt Ion:225 Resp: 1068  
Ion Ratio Lower Upper  
225 100  
223 40.8 32.0 96.2  
227 60.3 31.9 95.5



#95  
Naphthalene  
Concen: 4.879 ug/l  
RT: 15.507 min Scan# 5040  
Delta R.T. -0.000 min  
Lab File: VN068579.D  
Acq: 21 Sep 2021 13:55

Tgt Ion:128 Resp: 20193  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.6 15.8  
129 9.4 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.192 ug/l  
 RT: 15.702 min Scan# 5113  
 Delta R.T. 0.000 min  
 Lab File: VN068579.D  
 Acq: 21 Sep 2021 13:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:180 Resp: 7834  
 Ion Ratio Lower Upper  
 180 100  
 182 89.0 47.9 143.6  
 145 11.5 15.2 45.5#

