

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072121\  
 Data File : VN067839.D  
 Acq On : 21 Jul 2021 15:25  
 Operator : JC/MD  
 Sample : PB137834TB  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jul 22 02:12:01 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  | 326504   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.971  | 114  | 614517   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.749 | 117  | 644093   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 231758   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 255151   | 51.708   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 103.420% |      |
| 35) Dibromofluoromethane    | 8.024  | 113   | 186371   | 50.197   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 100.400% |      |
| 50) Toluene-d8              | 10.443 | 98    | 804031   | 51.737   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 103.480% |      |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 273563   | 49.831   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 99.660%  |      |

|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     | Qvalue |           |        |     |
| 3) Chloromethane              | 2.303  | 50  | 952    | 0.217     | ug/l # | 43  |
| 5) Bromomethane               | 2.832  | 94  | 120    | Below Cal | #      | 4   |
| 6) Chloroethane               | 2.966  | 64  | 25     | Below Cal | #      | 44  |
| 7) Trichlorofluoromethane     | 3.363  | 101 | 180    | Below Cal | #      | 18  |
| 11) Tert butyl alcohol        | 5.390  | 59  | 243    | 0.343     | ug/l # | 71  |
| 13) Acrolein                  | 4.041  | 56  | 388    | Below Cal | #      | 30  |
| 16) Acetone                   | 4.296  | 43  | 51468  | 33.148    | ug/l # | 88  |
| 18) Methyl Acetate            | 4.865  | 43  | 5027   | 1.153     | ug/l # | 84  |
| 20) Methylene Chloride        | 5.098  | 84  | 28220  | 7.190     | ug/l   | 88  |
| 25) 2-Butanone                | 7.348  | 43  | 10204  | 3.958     | ug/l # | 83  |
| 29) Tetrahydrofuran           | 7.697  | 42  | 5041   | 2.973     | ug/l   | 94  |
| 31) Cyclohexane               | 8.083  | 56  | 8716   | 1.260     | ug/l # | 22  |
| 36) 1,1-Dichloropropene       | 8.086  | 75  | 29436  | 5.157     | ug/l # | 46  |
| 37) Ethyl Acetate             | 7.348  | 43  | 10204  | 1.845     | ug/l # | 71  |
| 38) Carbon Tetrachloride      | 8.086  | 117 | 36598  | 6.500     | ug/l # | 18  |
| 43) Isopropyl Acetate         | 8.566  | 43  | 44236  | 4.547     | ug/l # | 92  |
| 45) 1,2-Dichloropropane       | 9.631  | 63  | 2872   | 0.664     | ug/l # | 44  |
| 48) Methyl methacrylate       | 9.542  | 41  | 10094  | 2.346     | ug/l # | 13  |
| 49) 1,4-Dioxane               | 9.606  | 88  | 86     | 33.106    | ug/l # | 20  |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43  | 13247  | 2.216     | ug/l   | 89  |
| 53) t-1,3-Dichloropropene     | 10.722 | 75  | 336    | 1.790     | ug/l # | 44  |
| 54) cis-1,3-Dichloropropene   | 10.247 | 75  | 77789  | 11.656    | ug/l # | 59  |
| 57) 1,3-Dichloropropane       | 11.095 | 76  | 47920  | 6.515     | ug/l # | 43  |
| 59) 2-Hexanone                | 11.095 | 43  | 721246 | 172.876   | ug/l # | 55  |
| 60) Dibromochloromethane      | 11.237 | 129 | 26     | 2.362     | ug/l # | 11  |
| 71) Bromoform                 | 12.717 | 173 | 193    | 3.220     | ug/l # | 1   |
| 74) N-amyl acetate            | 12.390 | 43  | 3734   | 0.550     | ug/l # | 89  |
| 76) 1,2,3-Trichloropropane    | 12.734 | 75  | 152836 | 32.292    | ug/l # | 100 |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105 | 10664  | 0.704     | ug/l   | 85  |
| 81) trans-1,4-Dichloro-2-b... | 12.734 | 75  | 152836 | 104.113   | ug/l # | 6   |
| 82) 4-Chlorotoluene           | 13.109 | 91  | 3041   | 0.241     | ug/l   | 96  |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105 | 3157   | 0.213     | ug/l   | 93  |
| 86) p-Isopropyltoluene        | 13.616 | 119 | 2934   | 0.203     | ug/l   | 92  |
| 87) 1,3-Dichlorobenzene       | 13.616 | 146 | 2325   | 0.303     | ug/l   | 90  |
| 88) 1,4-Dichlorobenzene       | 13.616 | 146 | 2325   | 0.296     | ug/l   | 91  |
| 89) n-Butylbenzene            | 13.949 | 91  | 4887   | 0.395     | ug/l   | 91  |

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Sample : PB137834TB  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jul 22 02:12:01 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

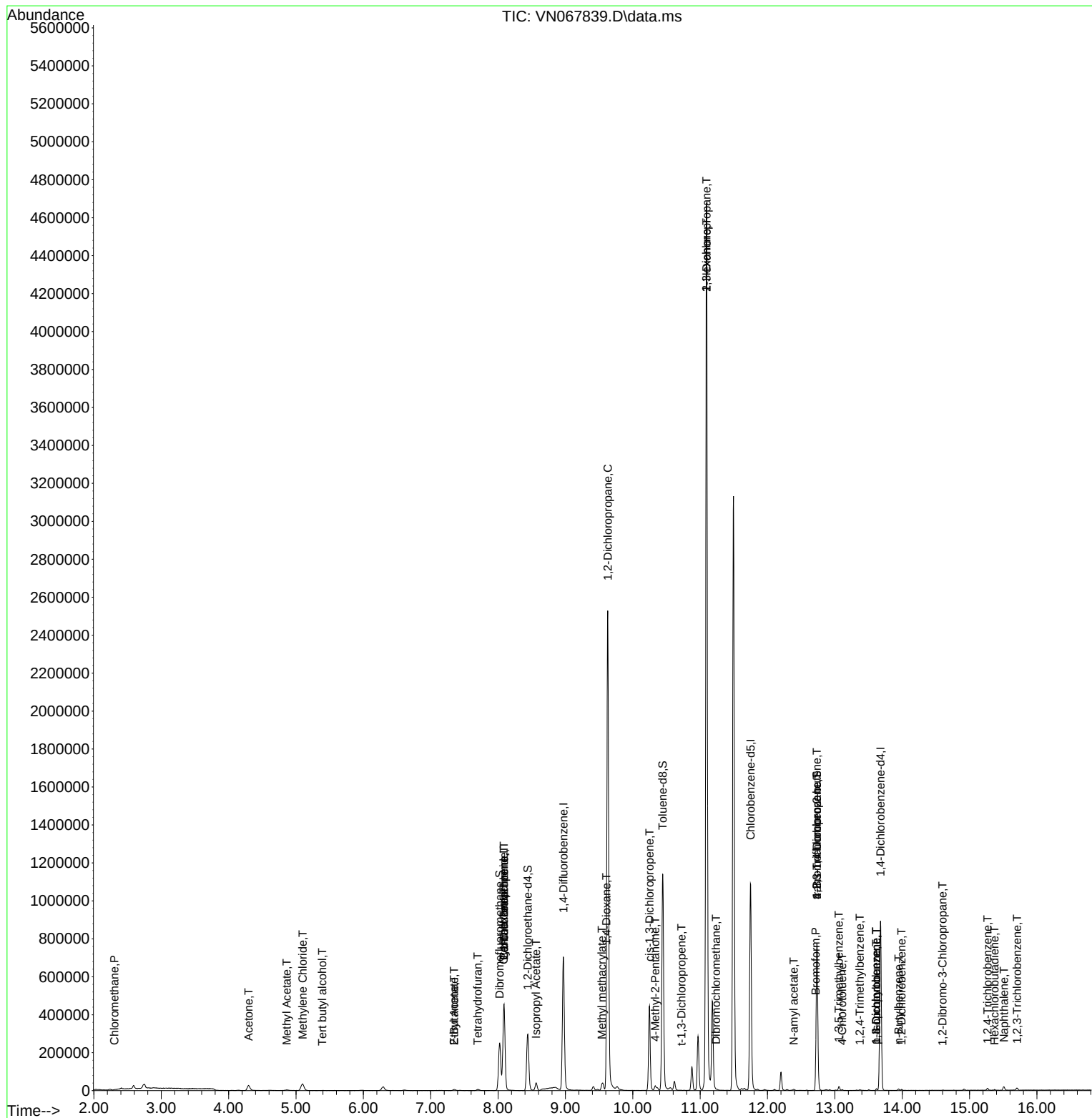
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 2404     | 0.324 | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.600 | 75   | 467      | 0.495 | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.268 | 180  | 3531     | 3.540 | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 15.370 | 225  | 559      | 0.359 | ug/l   | 76       |
| 95) Naphthalene               | 15.509 | 128  | 16988    | 4.419 | ug/l # | 92       |
| 96) 1,2,3-Trichlorobenzene    | 15.705 | 180  | 4415     | 3.763 | ug/l   | 95       |

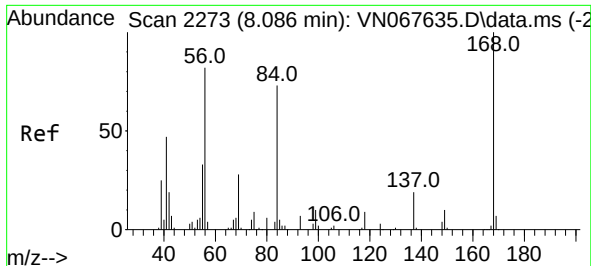
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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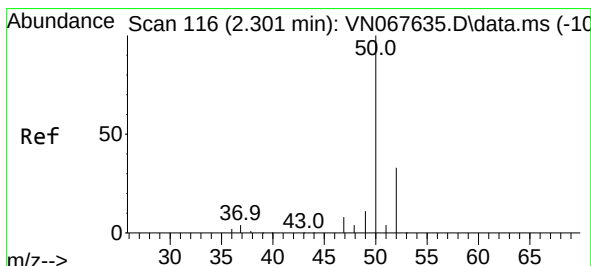
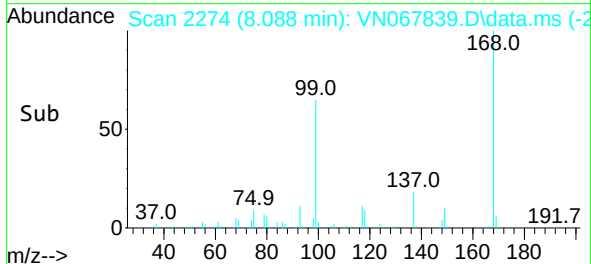
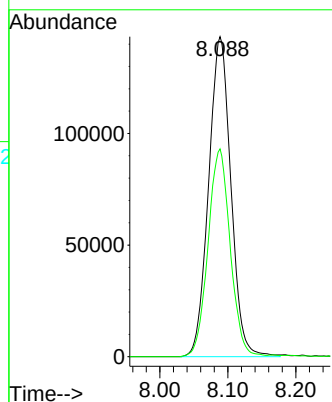
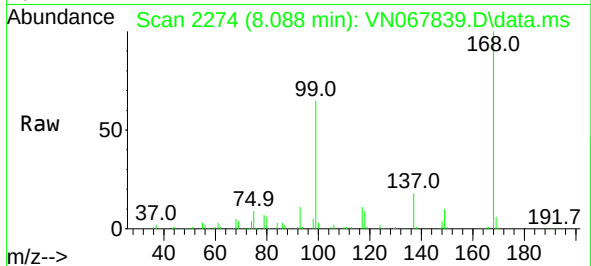




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

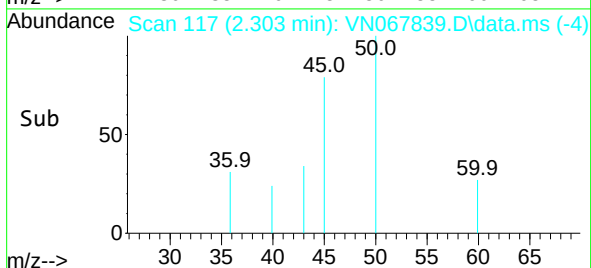
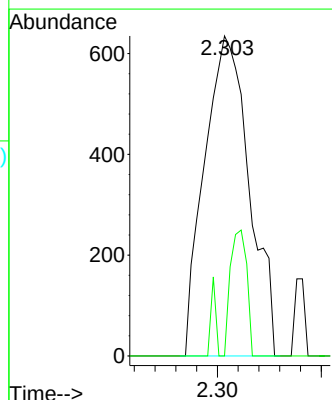
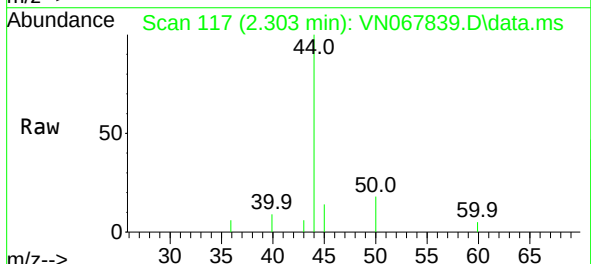
Instrument :  
MSVOA\_N  
ClientSampleId :

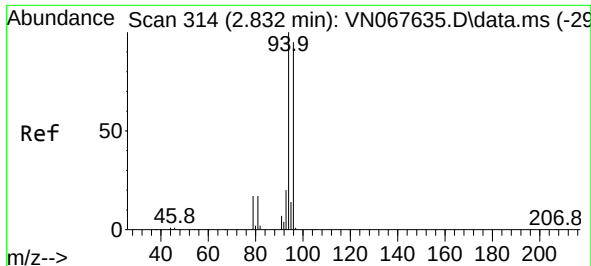
Tgt Ion:168 Resp: 326504  
Ion Ratio Lower Upper  
168 100  
99 64.9 62.9 94.3



#3  
Chloromethane  
Concen: 0.217 ug/l  
RT: 2.303 min Scan# 117  
Delta R.T. 0.002 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

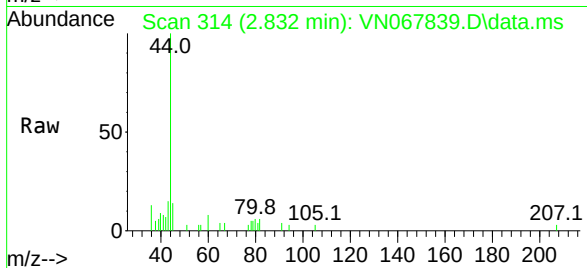
Tgt Ion: 50 Resp: 952  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.6 38.4#



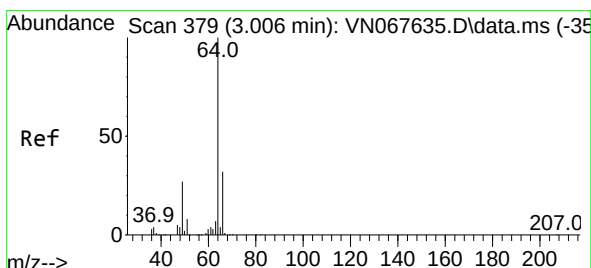
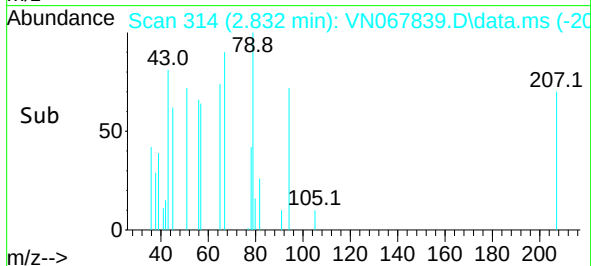
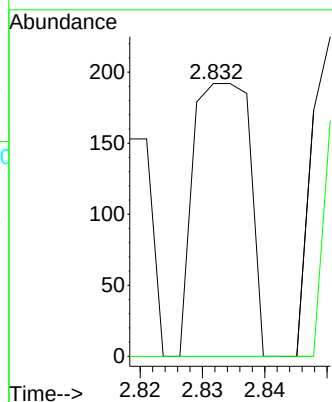


#5  
Bromomethane  
Concen: Below Cal  
RT: 2.832 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Instrument :  
MSVOA\_N  
ClientSampleId :

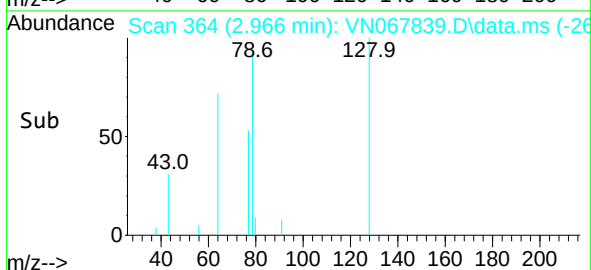
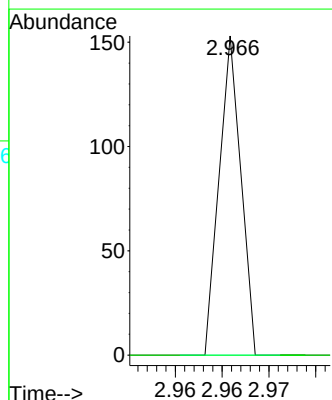
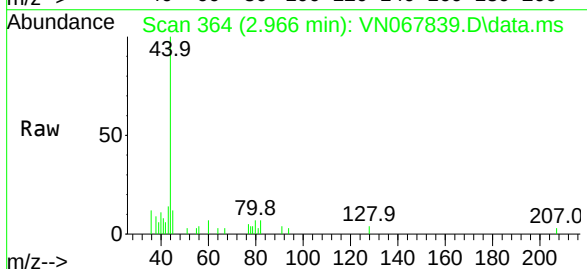


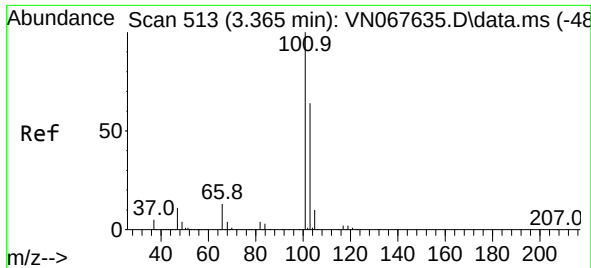
Tgt Ion: 94 Resp: 120  
Ion Ratio Lower Upper  
94 100  
96 0.0 73.7 110.5#



#6  
Chloroethane  
Concen: Below Cal  
RT: 2.966 min Scan# 364  
Delta R.T. -0.040 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

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

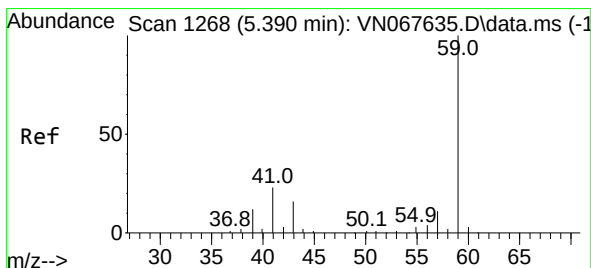
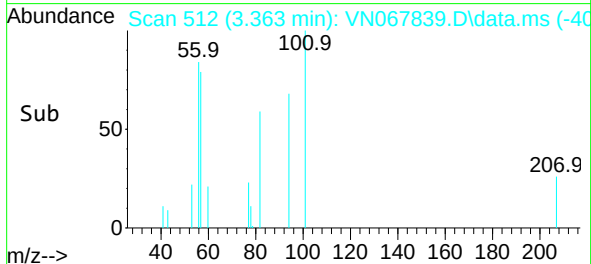
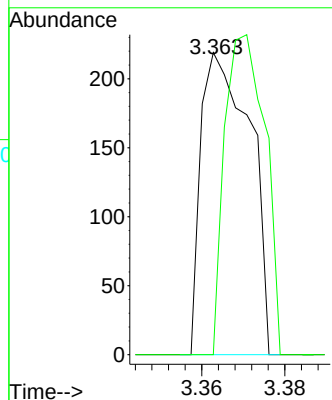
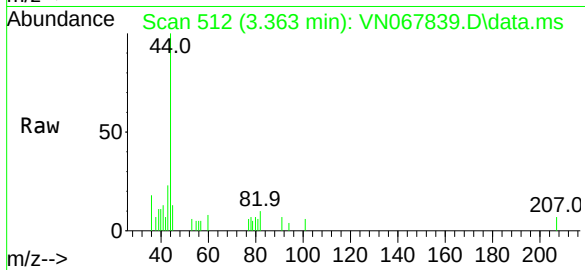




#7  
Trichlorofluoromethane  
Concen: Below Cal  
RT: 3.363 min Scan# 512  
Delta R.T. -0.002 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

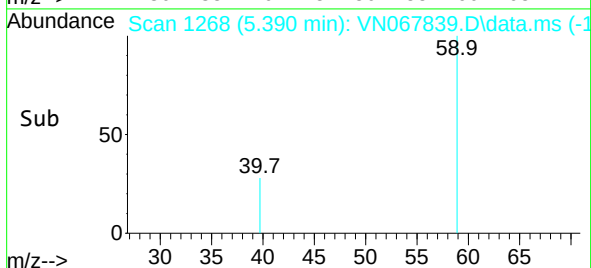
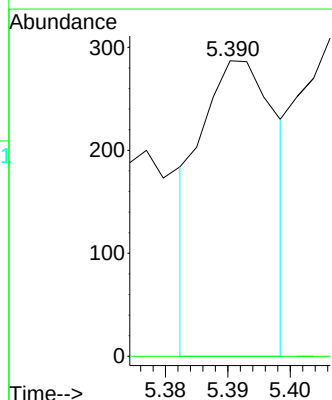
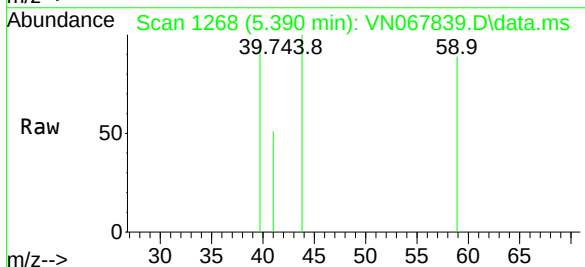
Instrument :  
MSVOA\_N  
ClientSampled :

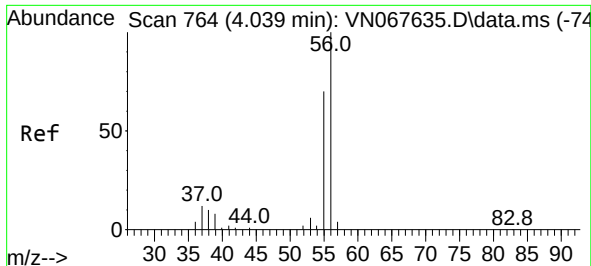
Tgt Ion:101 Resp: 180  
Ion Ratio Lower Upper  
101 100  
103 0.0 51.2 76.8#



#11  
Tert butyl alcohol  
Concen: 0.343 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 59 Resp: 243  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#

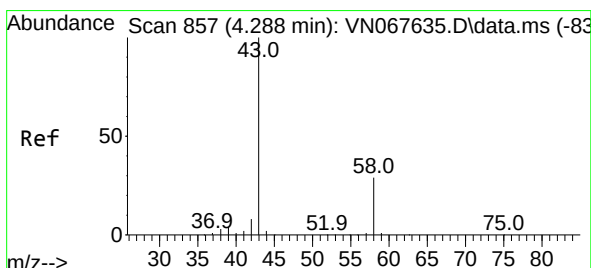
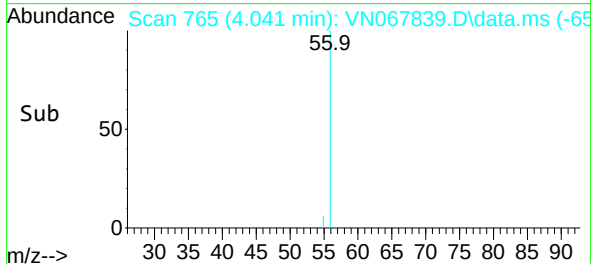
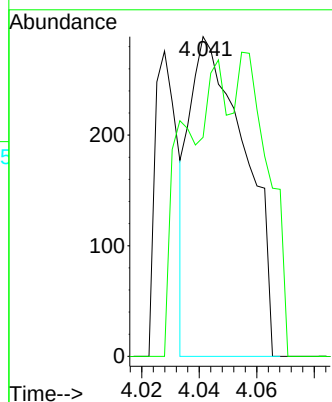
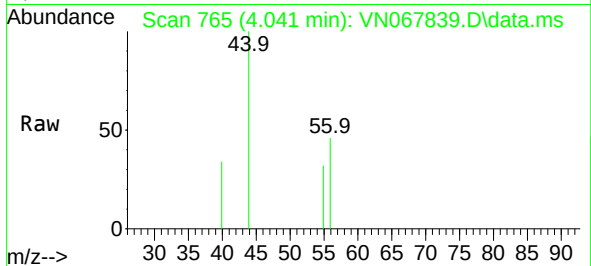




#13  
Acrolein  
Concen: Below Cal  
RT: 4.041 min Scan# 765  
Delta R.T. 0.002 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

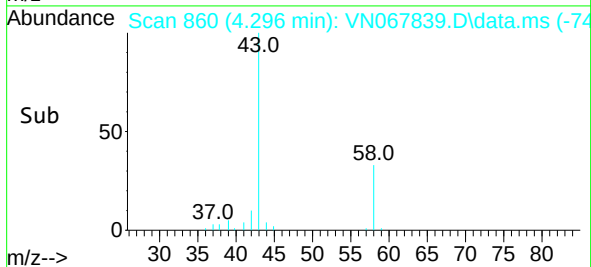
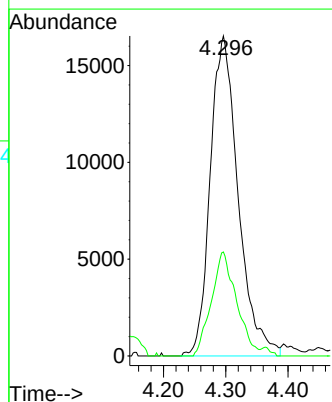
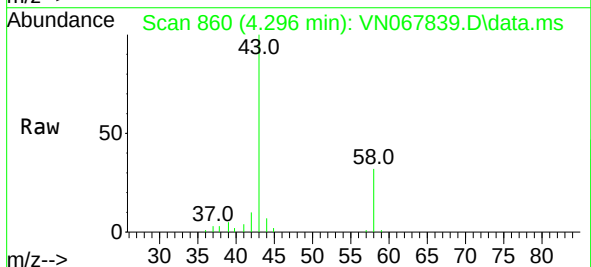
Instrument :  
MSVOA\_N  
ClientSampled :

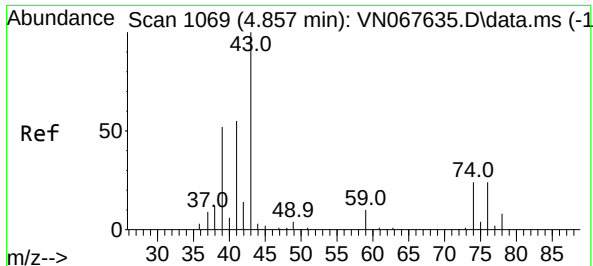
Tgt Ion: 56 Resp: 388  
Ion Ratio Lower Upper  
56 100  
55 13.1 57.4 86.0#



#16  
Acetone  
Concen: 33.148 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 43 Resp: 51468  
Ion Ratio Lower Upper  
43 100  
58 32.5 21.2 31.8#





#18

Methyl Acetate

Concen: 1.153 ug/l

RT: 4.865 min Scan# 1072

Delta R.T. 0.008 min

Lab File: VN067839.D

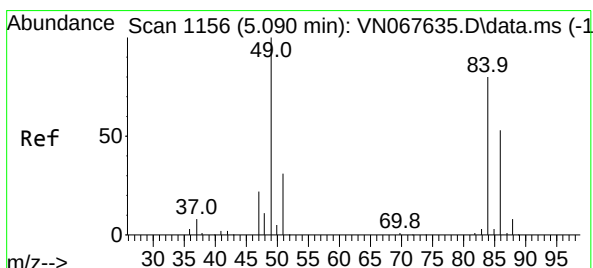
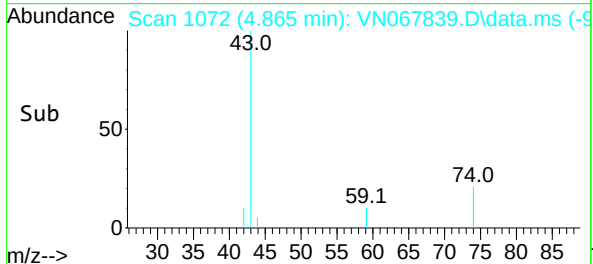
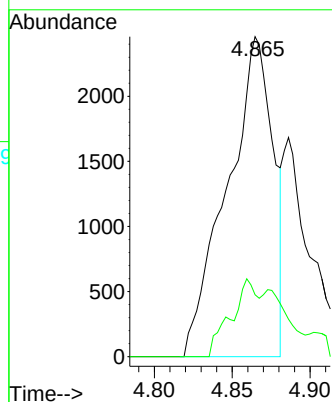
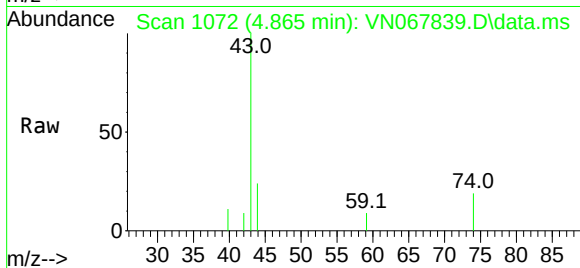
Acq: 21 Jul 2021 15:25

Tgt Ion: 43 Resp: 5027

Ion Ratio Lower Upper

43 100

74 14.1 17.4 26.0#



#20

Methylene Chloride

Concen: 7.190 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.008 min

Lab File: VN067839.D

Acq: 21 Jul 2021 15:25

Tgt Ion: 84 Resp: 28220

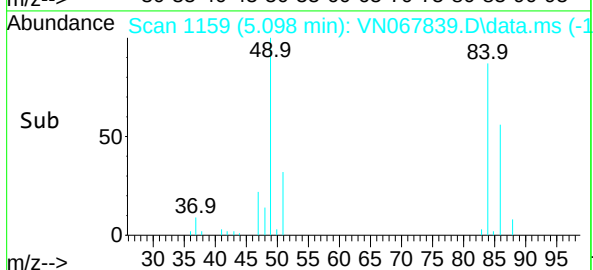
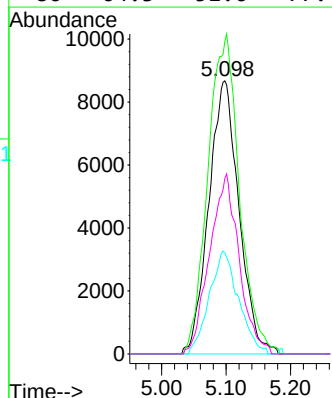
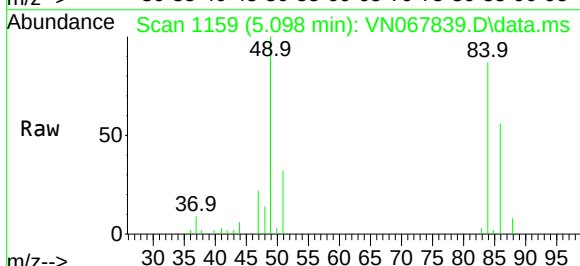
Ion Ratio Lower Upper

84 100

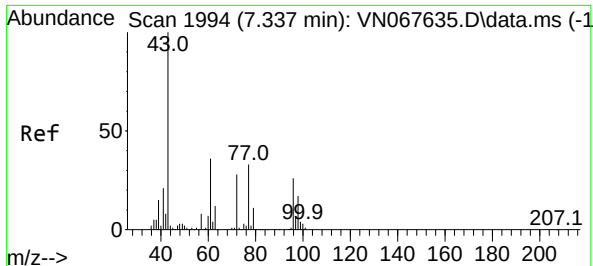
49 114.4 110.9 166.3

51 37.0 32.6 49.0

86 64.3 51.6 77.4







#25

2-Butanone

Concen: 3.958 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.011 min

Lab File: VN067839.D

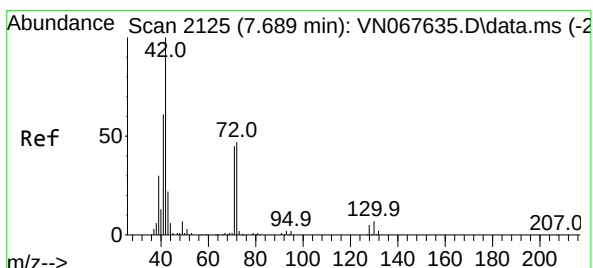
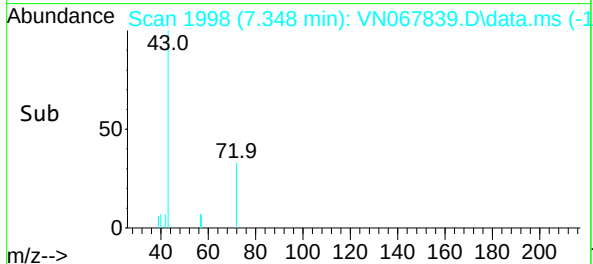
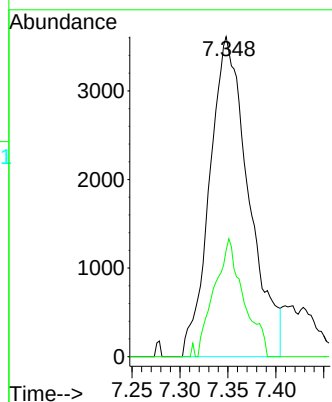
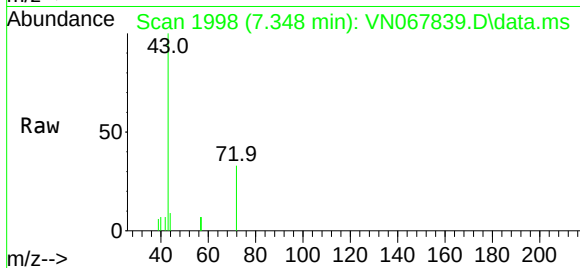
Acq: 21 Jul 2021 15:25

Tgt Ion: 43 Resp: 10204

Ion Ratio Lower Upper

43 100

72 33.2 19.7 29.5#



#29

Tetrahydrofuran

Concen: 2.973 ug/l

RT: 7.697 min Scan# 2128

Delta R.T. 0.008 min

Lab File: VN067839.D

Acq: 21 Jul 2021 15:25

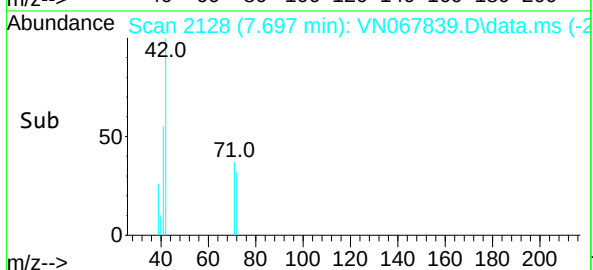
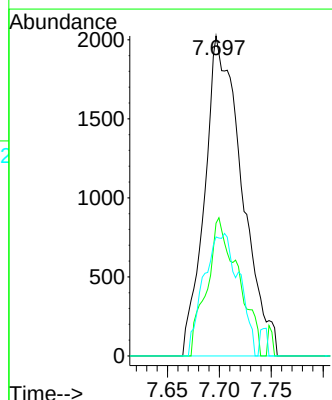
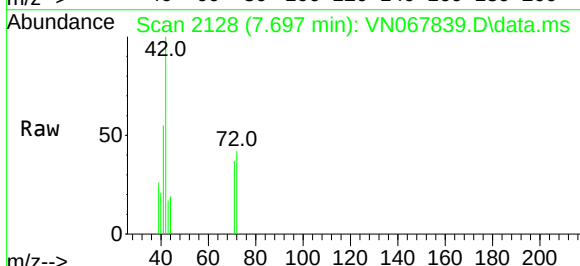
Tgt Ion: 42 Resp: 5041

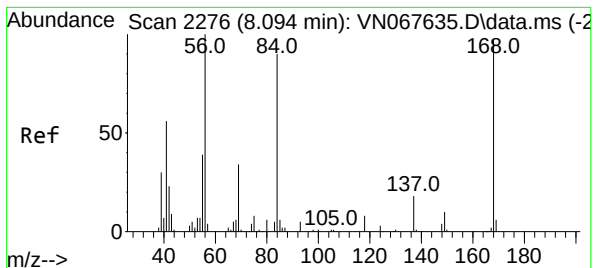
Ion Ratio Lower Upper

42 100

72 36.6 32.8 49.2

71 36.3 31.2 46.8

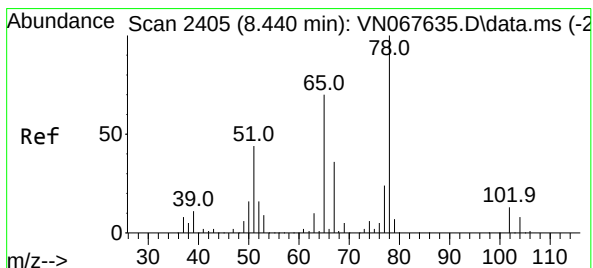
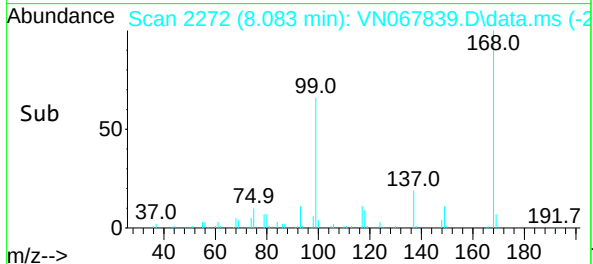
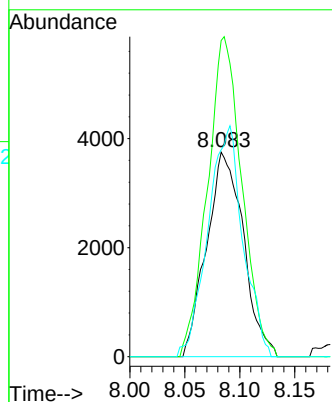
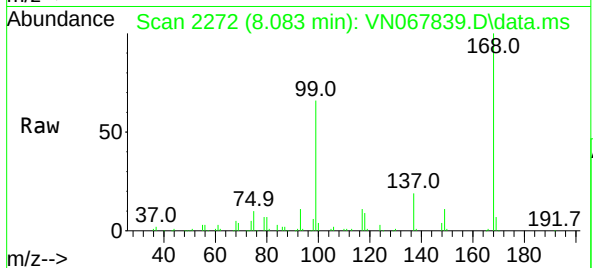




#31  
Cyclohexane  
Concen: 1.260 ug/l  
RT: 8.083 min Scan# 2272  
Delta R.T. -0.011 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

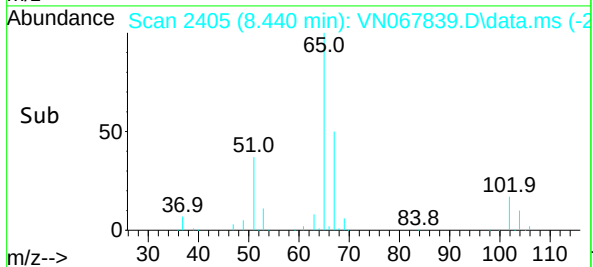
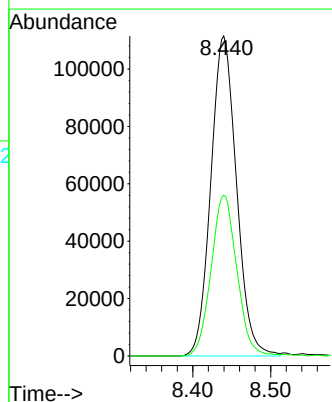
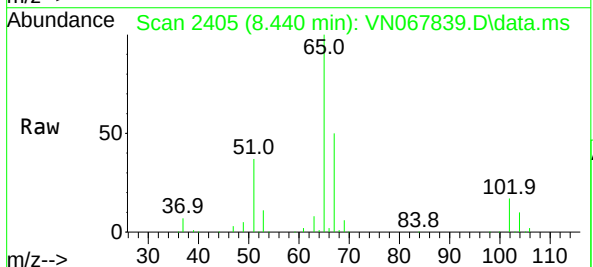
Instrument :  
MSVOA\_N  
ClientSampleId :

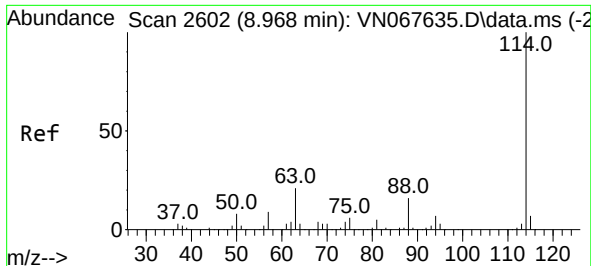
Tgt Ion: 56 Resp: 8716  
Ion Ratio Lower Upper  
56 100  
69 154.6 27.3 40.9#  
84 101.2 64.9 97.3#



#33  
1,2-Dichloroethane-d4  
Concen: 51.708 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 65 Resp: 255151  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 98.6

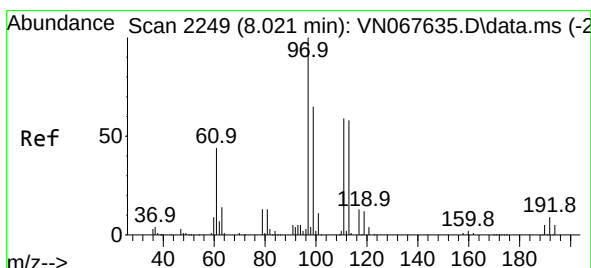
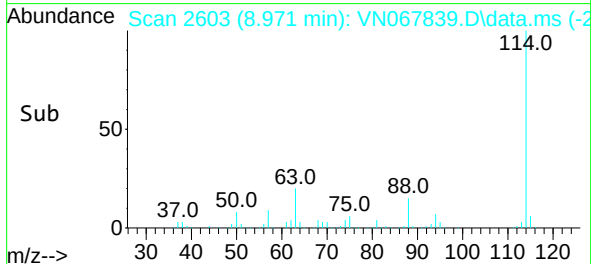
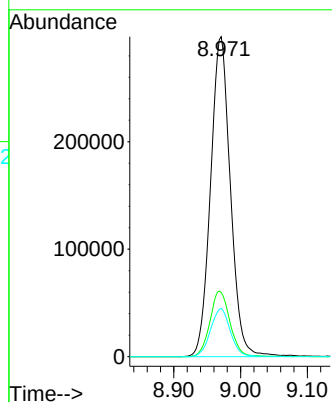
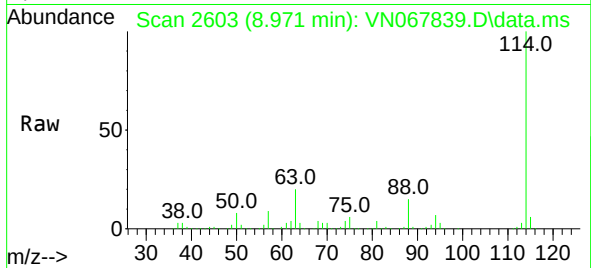




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

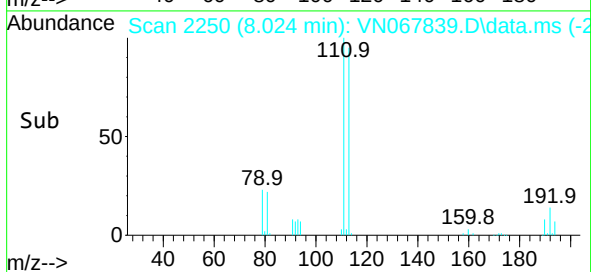
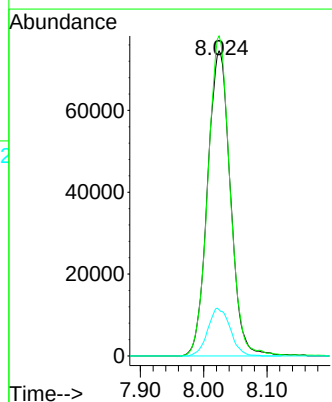
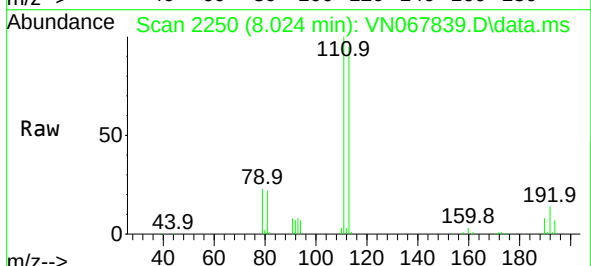
Instrument :  
MSVOA\_N  
ClientSampleId :

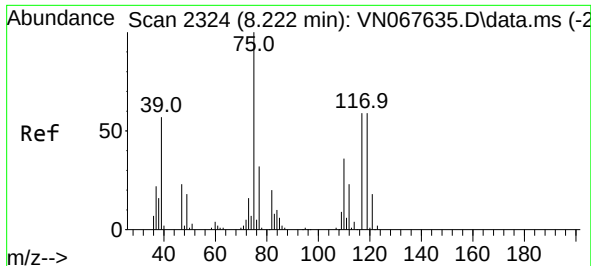
Tgt Ion:114 Resp: 614517  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 49.0  
88 15.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 50.197 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion:113 Resp: 186371  
Ion Ratio Lower Upper  
113 100  
111 101.3 83.8 125.8  
192 15.4 13.4 20.0

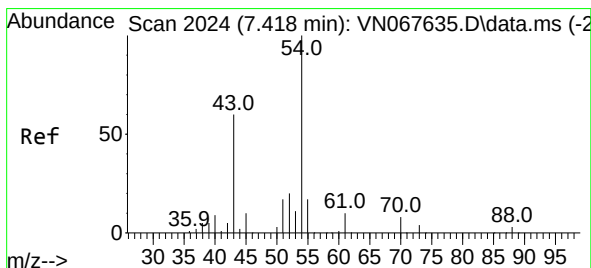
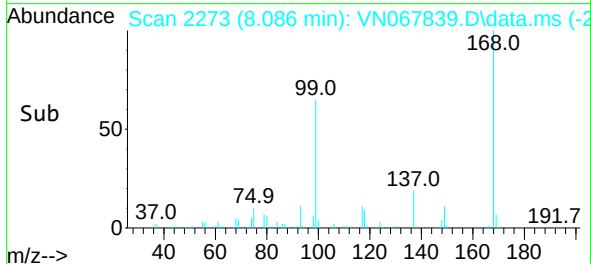
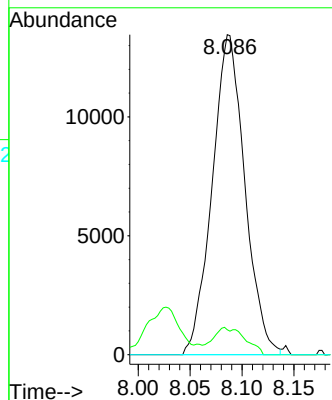
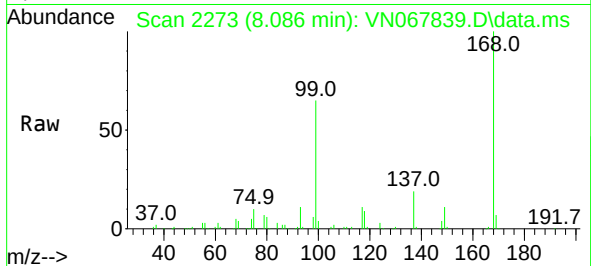




#36  
1,1-Dichloropropene  
Concen: 5.157 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.136 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

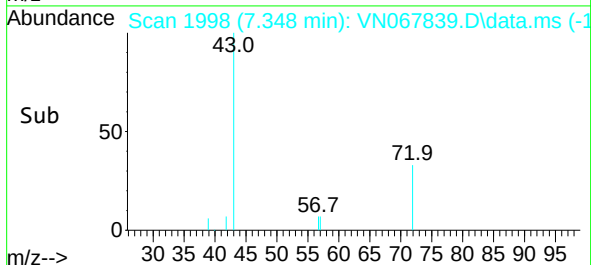
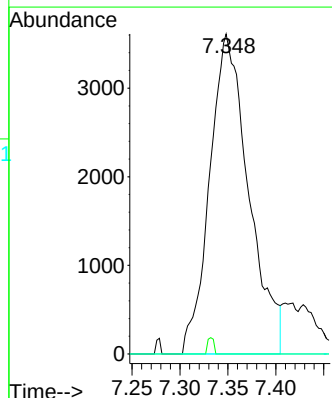
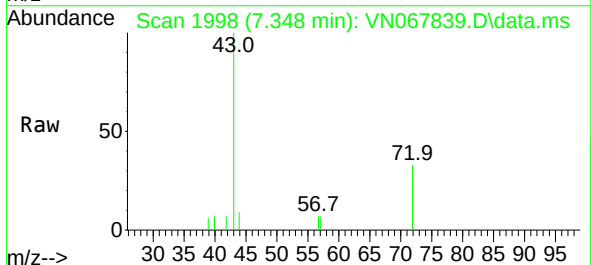
Instrument :  
MSVOA\_N  
ClientSampleId :

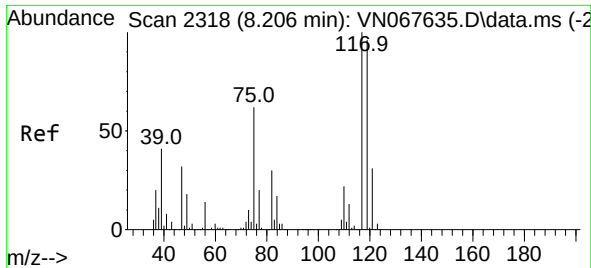
Tgt Ion: 75 Resp: 29436  
Ion Ratio Lower Upper  
75 100  
110 2.2 15.7 47.0#  
77 0.0 24.6 37.0#



#37  
Ethyl Acetate  
Concen: 1.845 ug/l  
RT: 7.348 min Scan# 1998  
Delta R.T. -0.070 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

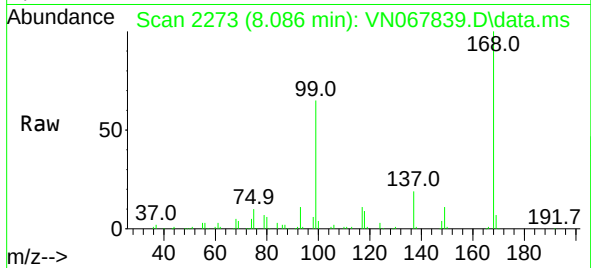
Tgt Ion: 43 Resp: 10204  
Ion Ratio Lower Upper  
43 100  
61 0.8 10.6 16.0#  
70 0.0 8.1 12.1#



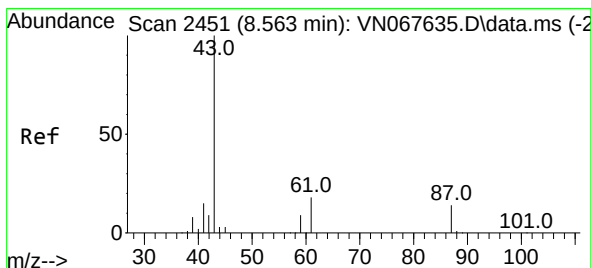
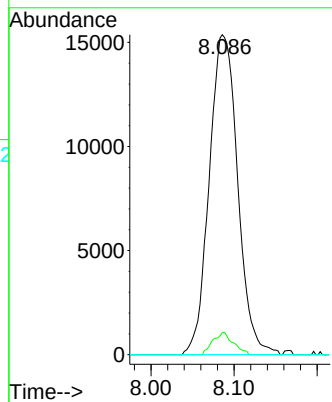
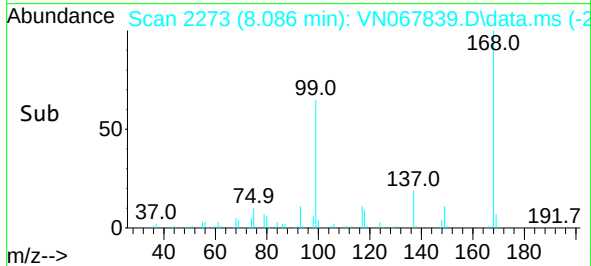


#38  
Carbon Tetrachloride  
Concen: 6.500 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.120 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

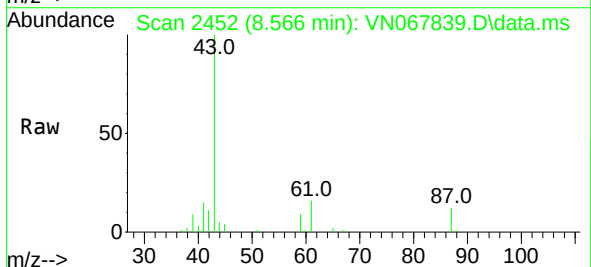
Instrument :  
MSVOA\_N  
ClientSampleId :



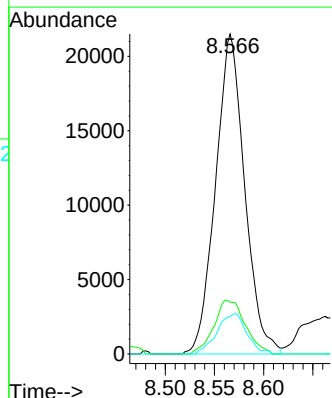
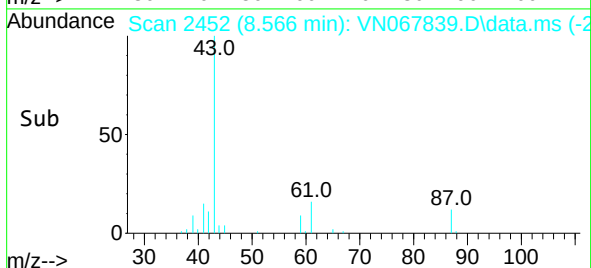
Tgt Ion:117 Resp: 36598  
Ion Ratio Lower Upper  
117 100  
119 6.8 75.4 113.2#  
121 0.0 23.5 35.3#

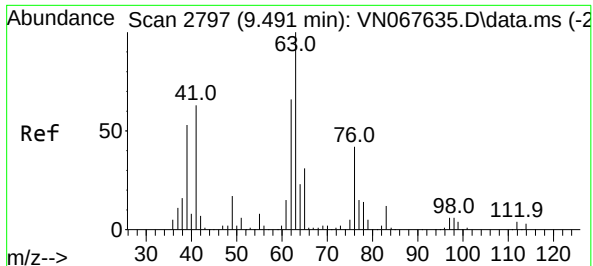


#43  
Isopropyl Acetate  
Concen: 4.547 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25



Tgt Ion: 43 Resp: 44236  
Ion Ratio Lower Upper  
43 100  
61 18.2 19.0 28.4#  
87 12.8 9.5 14.3

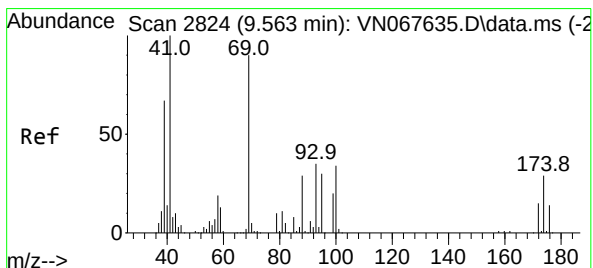
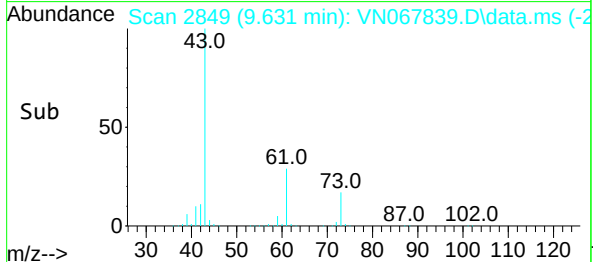
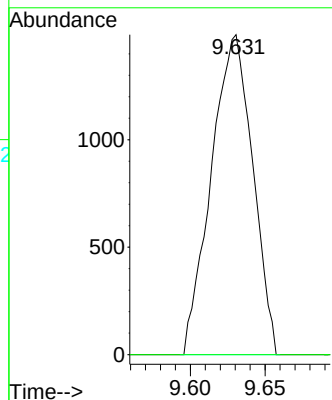
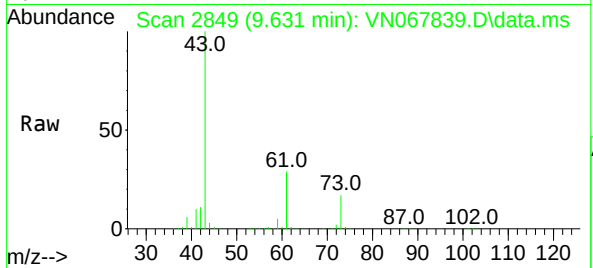




#45  
1,2-Dichloropropane  
Concen: 0.664 ug/l  
RT: 9.631 min Scan# 2849  
Delta R.T. 0.140 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

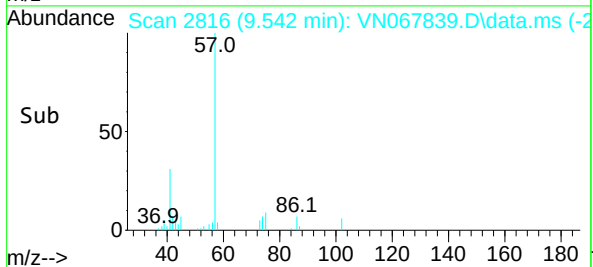
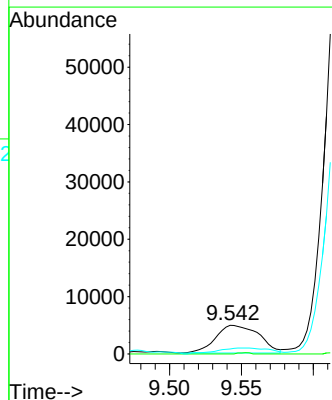
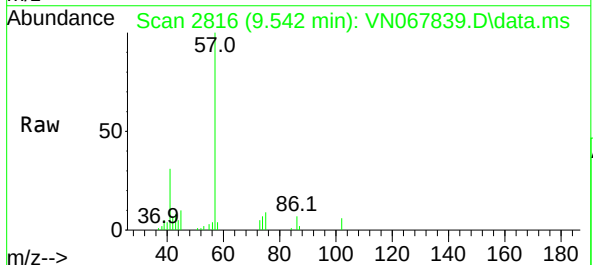
Instrument :  
MSVOA\_N  
ClientSampled :

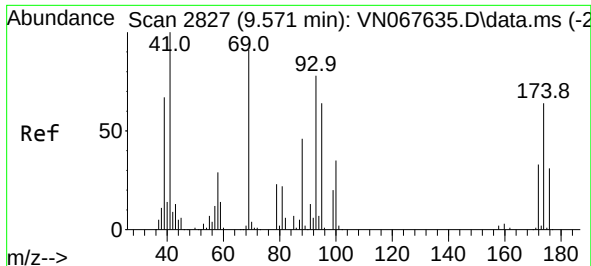
Tgt Ion: 63 Resp: 2872  
Ion Ratio Lower Upper  
63 100  
65 0.0 24.3 36.5#



#48  
Methyl methacrylate  
Concen: 2.346 ug/l  
RT: 9.542 min Scan# 2816  
Delta R.T. -0.021 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 41 Resp: 10094  
Ion Ratio Lower Upper  
41 100  
69 1.2 64.6 96.8#  
39 0.0 53.3 79.9#

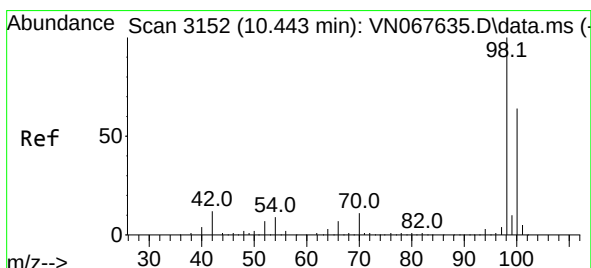
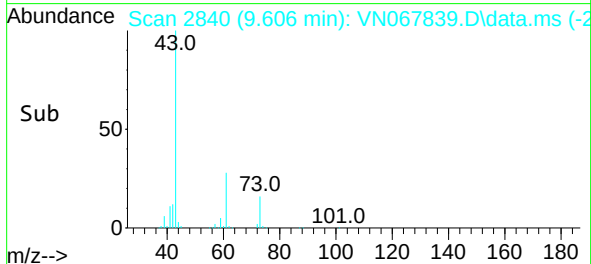
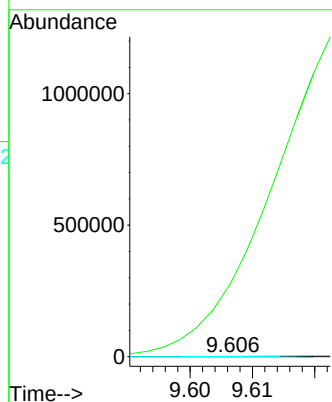
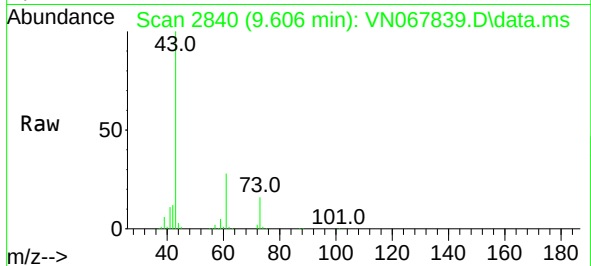




#49  
1,4-Dioxane  
Concen: 33.106 ug/l  
RT: 9.606 min Scan# 2840  
Delta R.T. 0.035 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

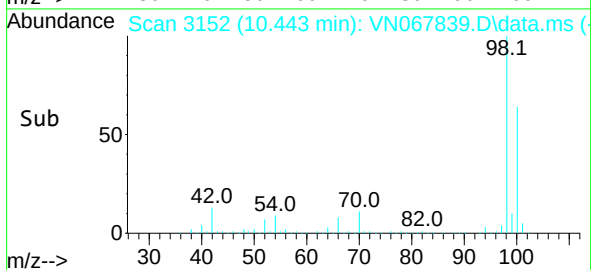
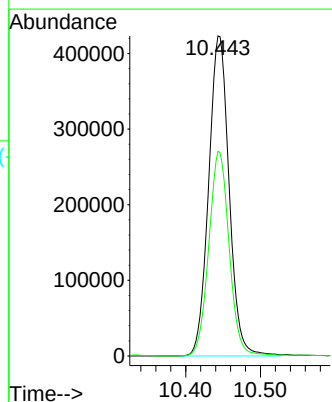
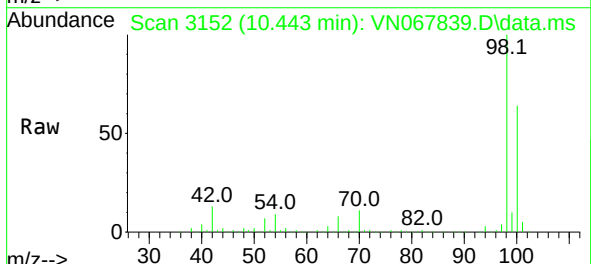
Instrument :  
MSVOA\_N  
ClientSampleId :

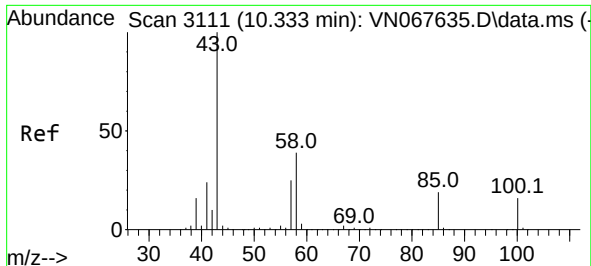
Tgt Ion: 88 Resp: 86  
Ion Ratio Lower Upper  
88 100  
43 0.0 28.8 43.2#  
58 0.0 60.4 90.6#



#50  
Toluene-d8  
Concen: 51.737 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 98 Resp: 804031  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.7 77.5

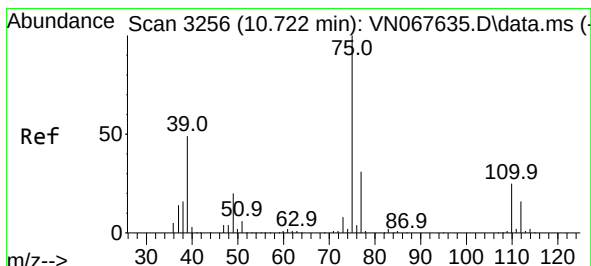
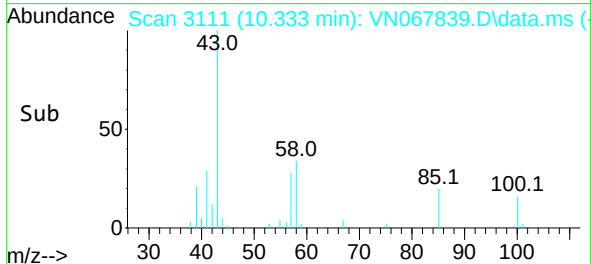
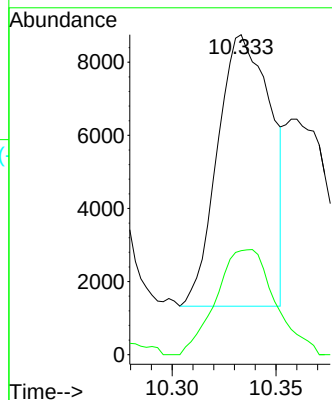
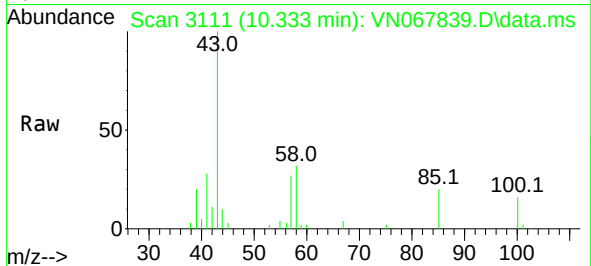




#51  
4-Methyl-2-Pentanone  
Concen: 2.216 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

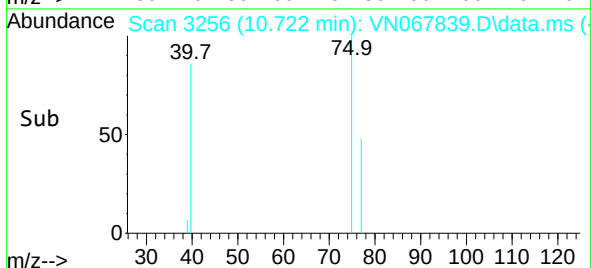
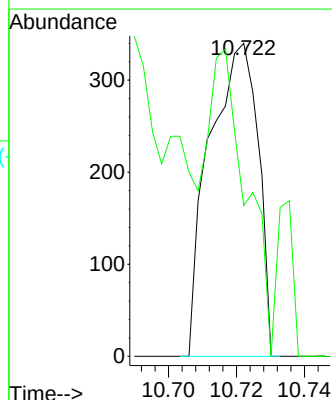
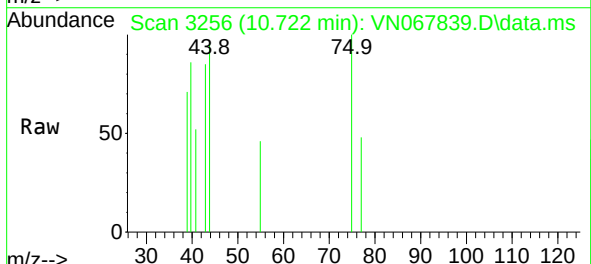
Instrument :  
MSVOA\_N  
ClientSampled :

Tgt Ion: 43 Resp: 13247  
Ion Ratio Lower Upper  
43 100  
58 42.5 28.6 43.0

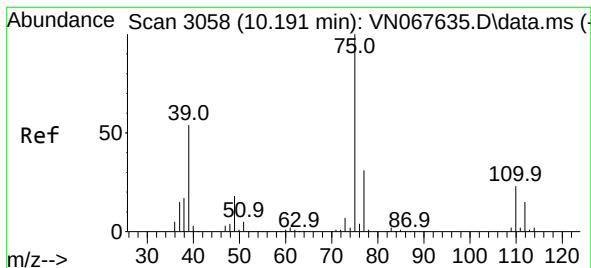


#53  
t-1,3-Dichloropropene  
Concen: 1.790 ug/l  
RT: 10.722 min Scan# 3256  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 75 Resp: 336  
Ion Ratio Lower Upper  
75 100  
77 0.6 25.1 37.7#



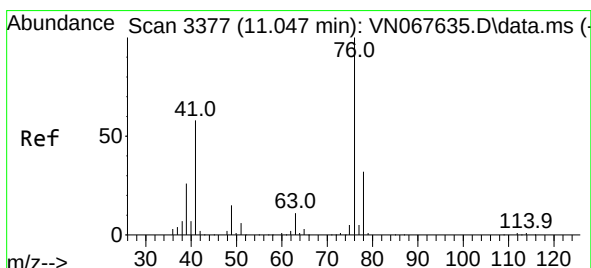
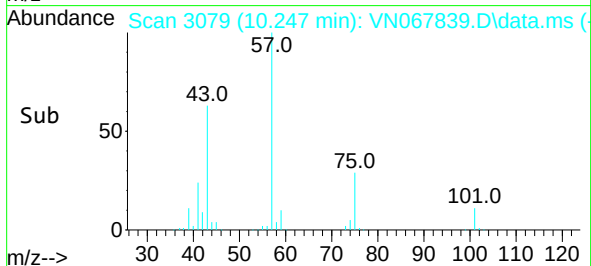
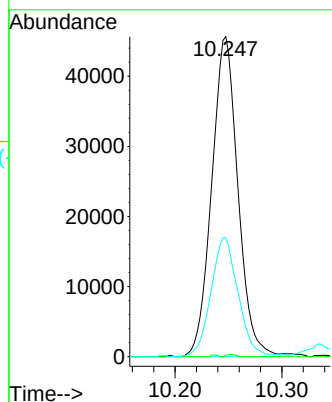
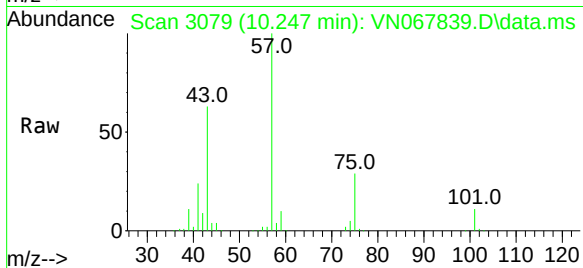




#54  
 cis-1,3-Dichloropropene  
 Concen: 11.656 ug/l  
 RT: 10.247 min Scan# 3079  
 Delta R.T. 0.056 min  
 Lab File: VN067839.D  
 Acq: 21 Jul 2021 15:25

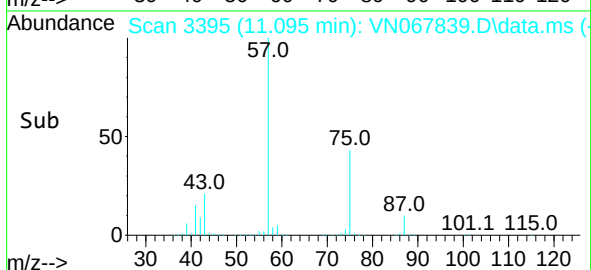
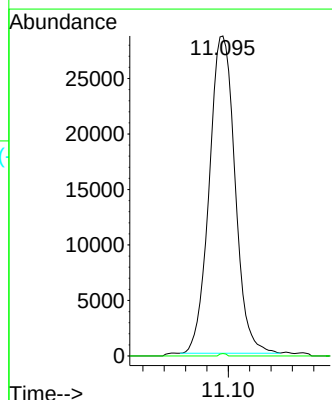
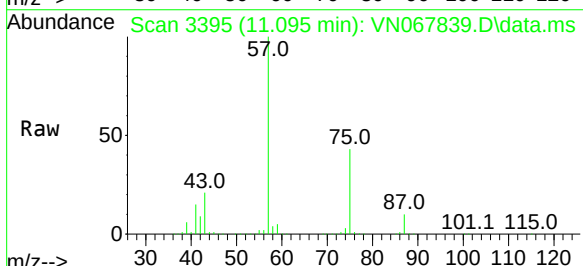
Instrument :  
 MSVOA\_N  
 ClientSampled :

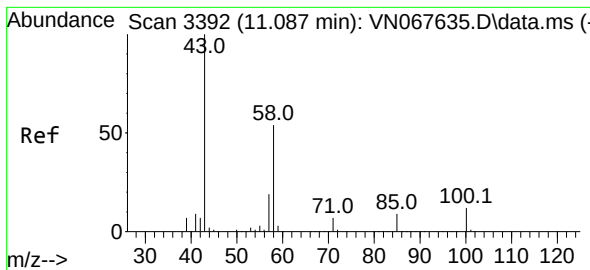
Tgt Ion: 75 Resp: 77789  
 Ion Ratio Lower Upper  
 75 100  
 77 0.5 24.6 37.0#  
 39 37.2 50.7 76.1#



#57  
 1,3-Dichloropropane  
 Concen: 6.515 ug/l  
 RT: 11.095 min Scan# 3395  
 Delta R.T. 0.048 min  
 Lab File: VN067839.D  
 Acq: 21 Jul 2021 15:25

Tgt Ion: 76 Resp: 47920  
 Ion Ratio Lower Upper  
 76 100  
 78 0.2 25.7 38.5#

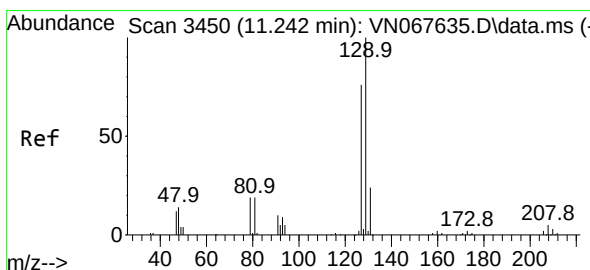
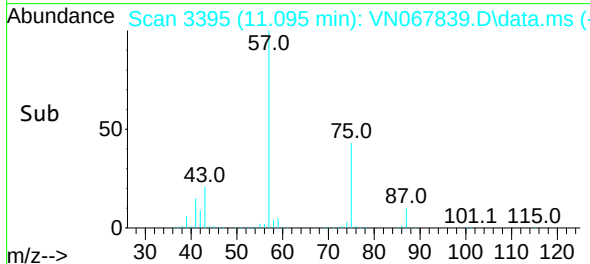
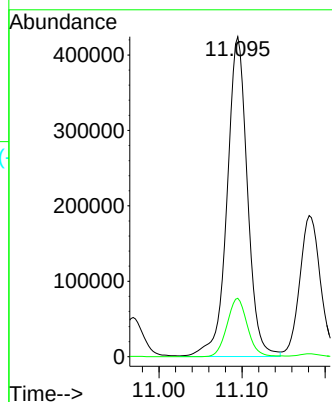
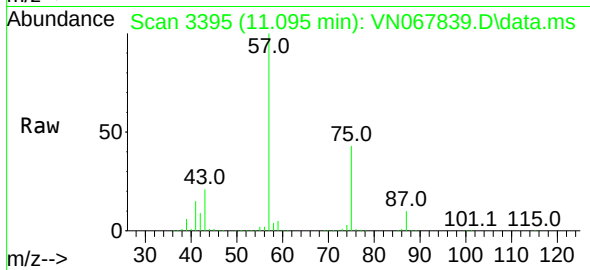




#59  
2-Hexanone  
Concen: 172.876 ug/l  
RT: 11.095 min Scan# 3395  
Delta R.T. 0.008 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

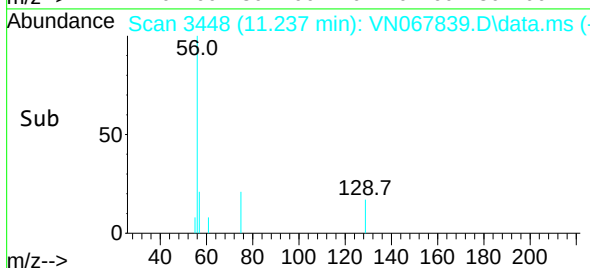
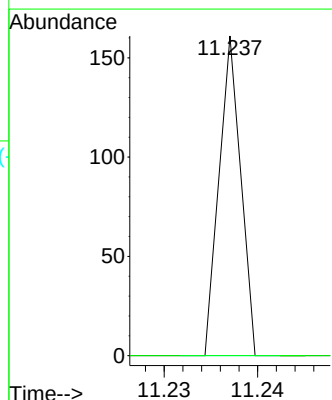
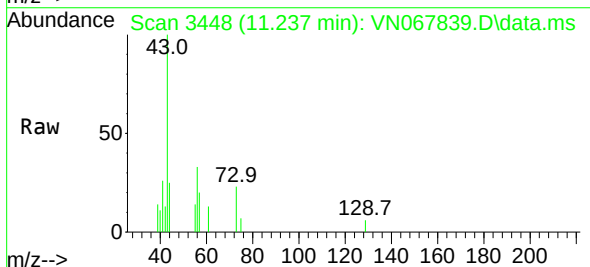
Instrument :  
MSVOA\_N  
ClientSampled :

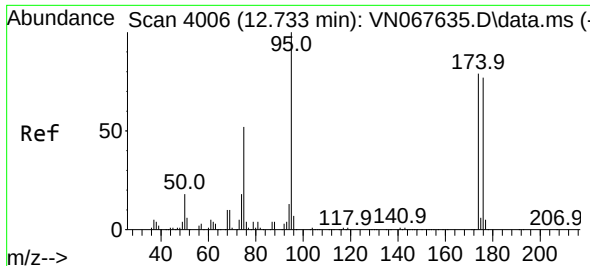
Tgt Ion: 43 Resp: 721246  
Ion Ratio Lower Upper  
43 100  
58 18.4 24.7 74.1#



#60  
Dibromochloromethane  
Concen: 2.362 ug/l  
RT: 11.237 min Scan# 3448  
Delta R.T. -0.005 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

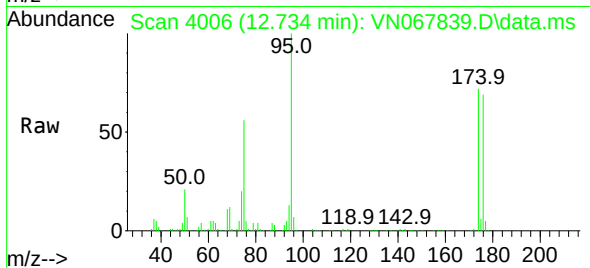
Tgt Ion:129 Resp: 26  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.6 115.8#



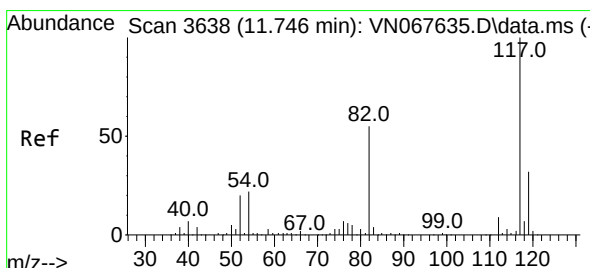
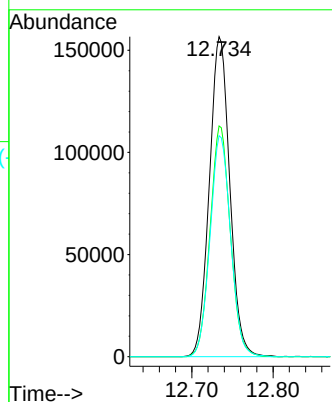
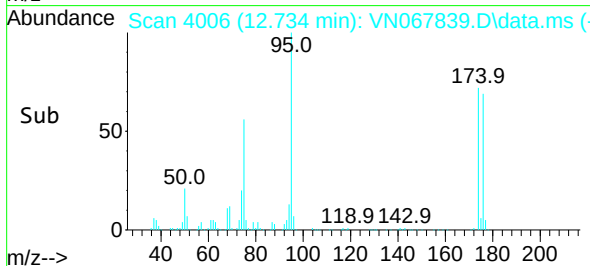


#62  
4-Bromofluorobenzene  
Concen: 49.831 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

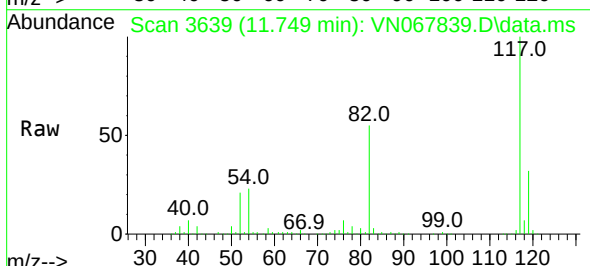
Instrument :  
MSVOA\_N  
ClientSampled :



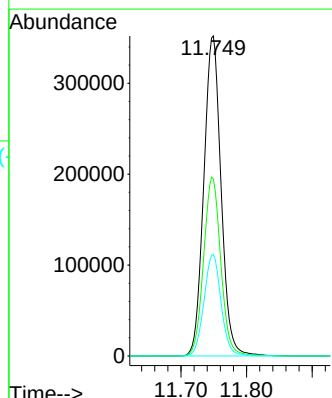
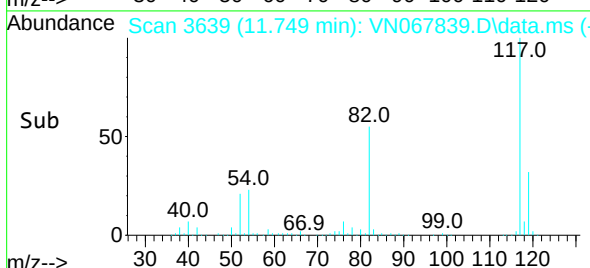
Tgt Ion: 95 Resp: 273563  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 122.0  
176 69.5 0.0 117.6

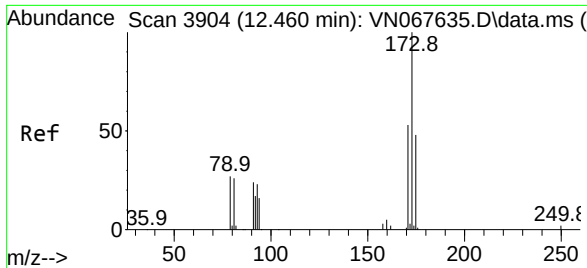


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25



Tgt Ion: 117 Resp: 644093  
Ion Ratio Lower Upper  
117 100  
82 55.4 53.1 79.7  
119 31.8 25.5 38.3

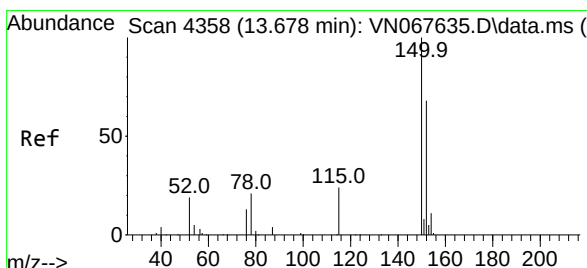
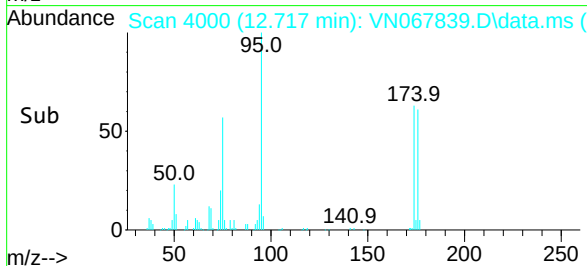
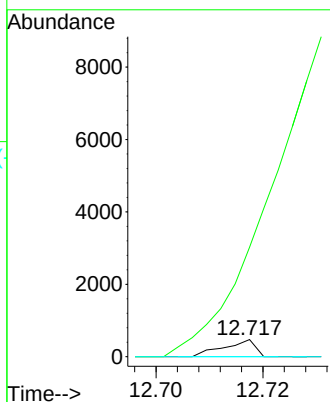
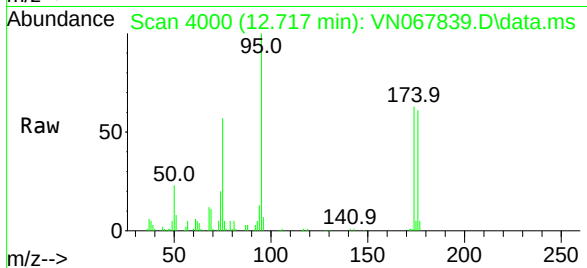




#71  
Bromoform  
Concen: 3.220 ug/l  
RT: 12.717 min Scan# 4000  
Delta R.T. 0.257 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

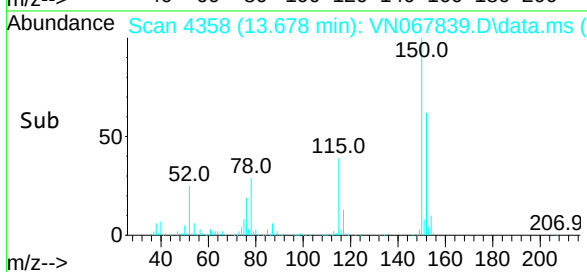
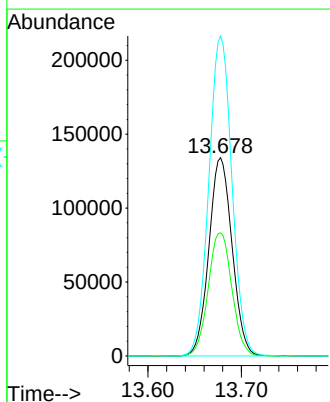
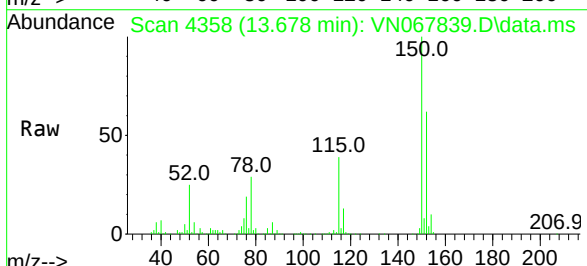
Instrument :  
MSVOA\_N  
ClientSampleId :

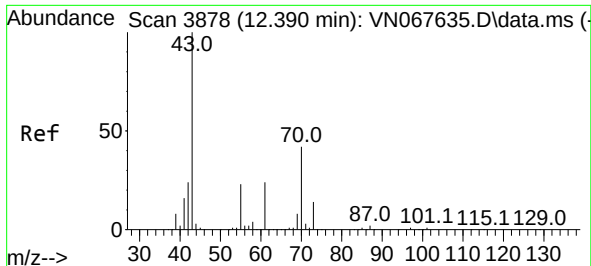
Tgt Ion:173 Resp: 193  
Ion Ratio Lower Upper  
173 100  
175 7482.9 23.9 71.8#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion:152 Resp: 231758  
Ion Ratio Lower Upper  
152 100  
115 63.2 36.1 108.5  
150 160.4 0.0 351.8

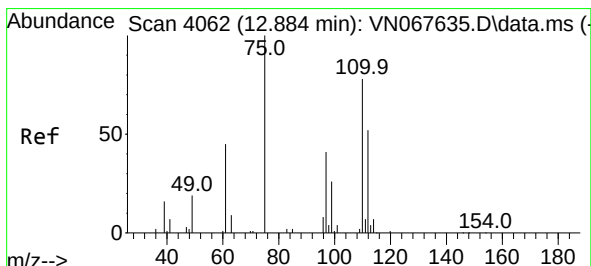
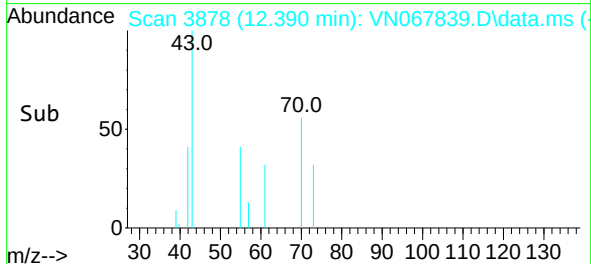
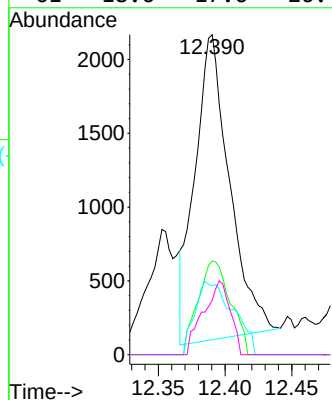
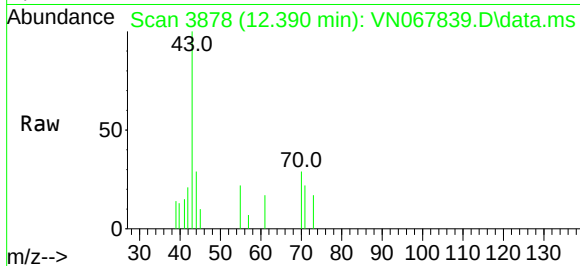




#74  
N-amy1 acetate  
Concen: 0.550 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

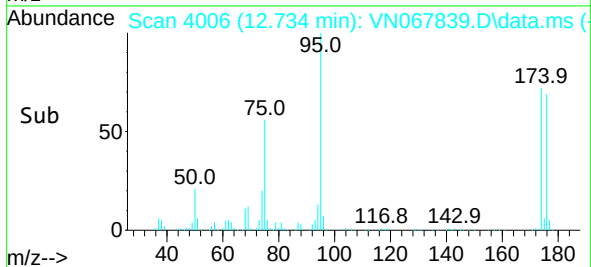
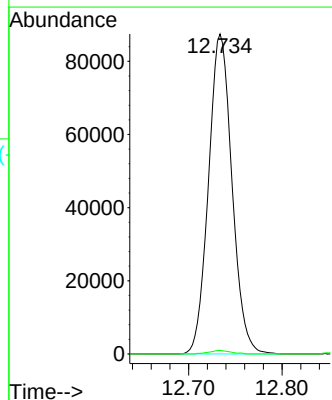
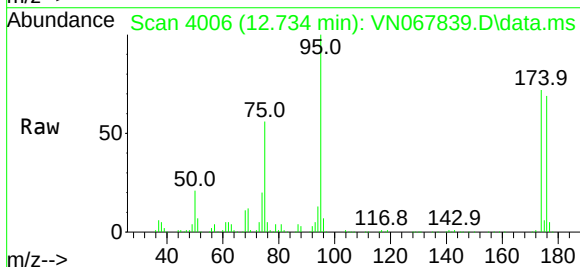
Instrument :  
MSVOA\_N  
ClientSampled :

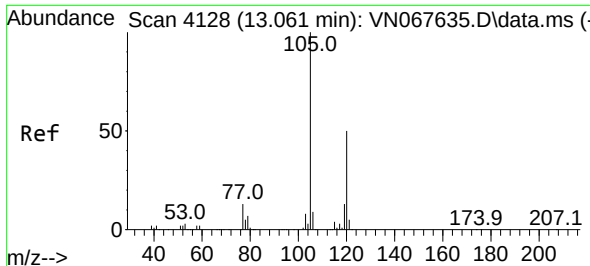
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3734  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 29.0  | 29.4  | 44.2# |
| 55       | 26.4  | 17.0  | 25.4# |
| 61       | 18.6  | 17.6  | 26.4  |



#76  
1,2,3-Trichloropropane  
Concen: 32.292 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.150 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 152836 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.0   | 0.0   | 0.0#   |

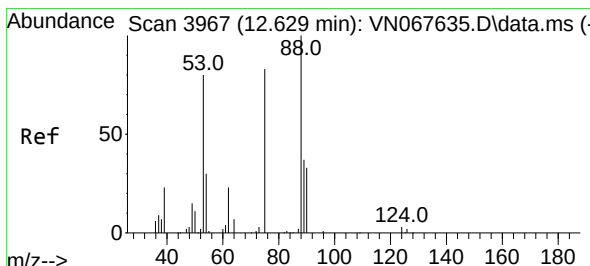
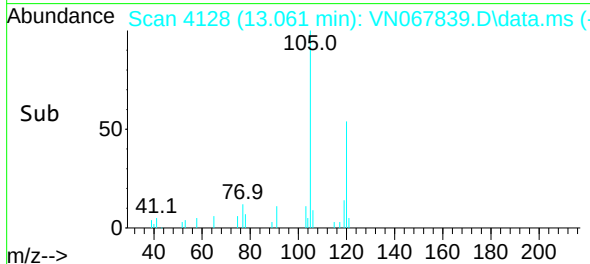
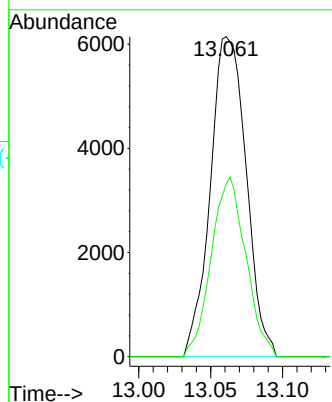
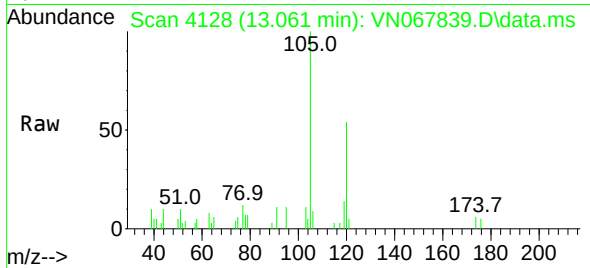




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.704 ug/l  
 RT: 13.061 min Scan# 4128  
 Delta R.T. -0.000 min  
 Lab File: VN067839.D  
 Acq: 21 Jul 2021 15:25

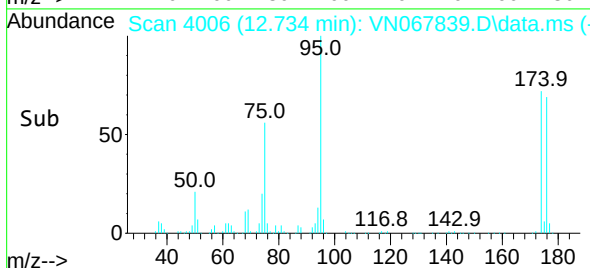
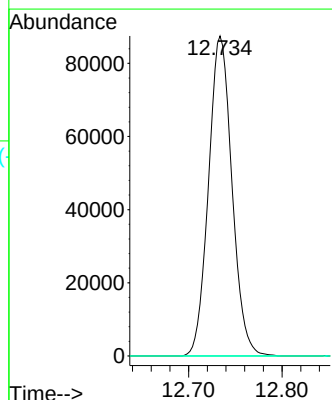
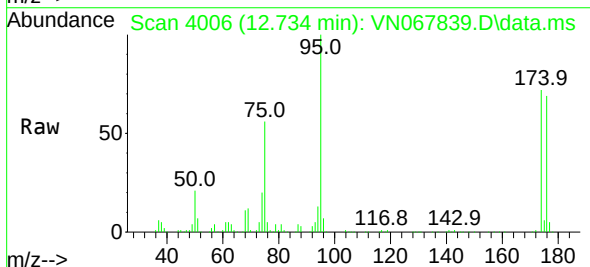
Instrument :  
 MSVOA\_N  
 ClientSampled :

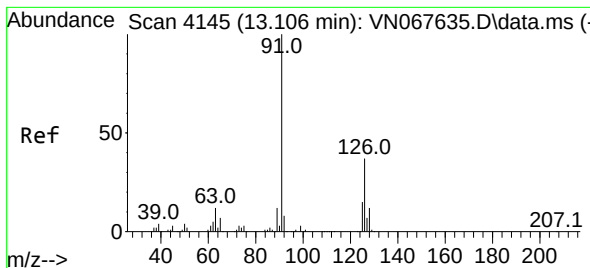
Tgt Ion:105 Resp: 10664  
 Ion Ratio Lower Upper  
 105 100  
 120 54.1 22.2 66.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 104.113 ug/l  
 RT: 12.734 min Scan# 4006  
 Delta R.T. 0.105 min  
 Lab File: VN067839.D  
 Acq: 21 Jul 2021 15:25

Tgt Ion: 75 Resp: 152836  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 87.6 131.4#  
 89 0.0 37.8 56.8#

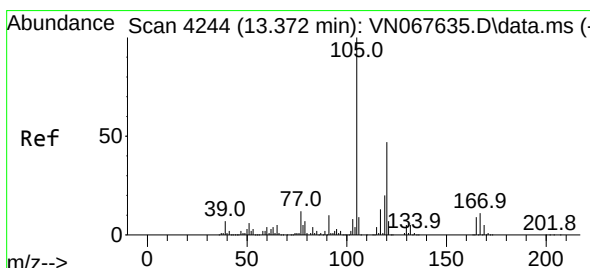
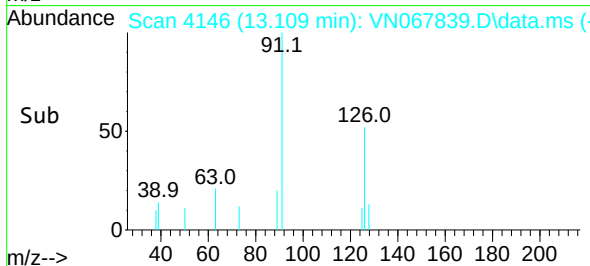
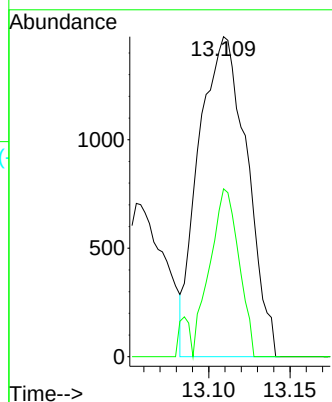
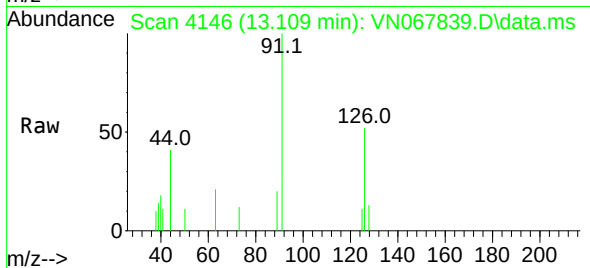




#82  
4-Chlorotoluene  
Concen: 0.241 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

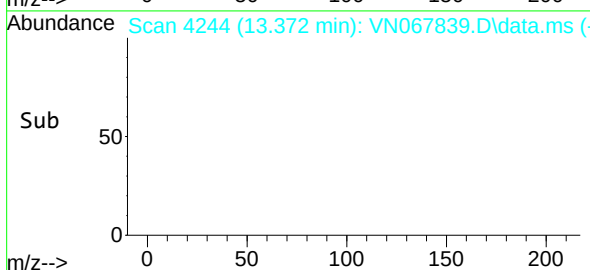
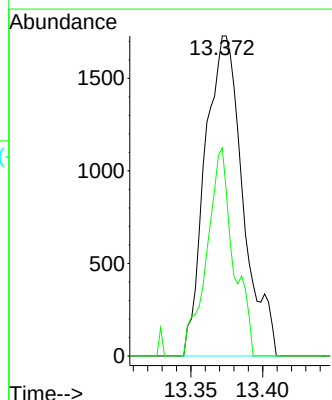
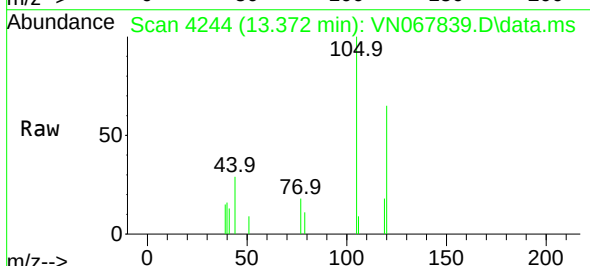
Instrument :  
MSVOA\_N  
ClientSampled :

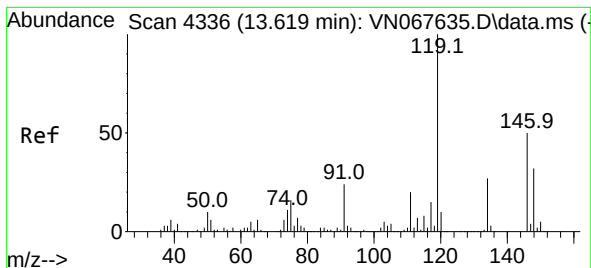
Tgt Ion: 91 Resp: 3041  
Ion Ratio Lower Upper  
91 100  
126 31.6 14.8 44.4



#84  
1,2,4-Trimethylbenzene  
Concen: 0.213 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. -0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 105 Resp: 3157  
Ion Ratio Lower Upper  
105 100  
120 45.9 20.6 61.8

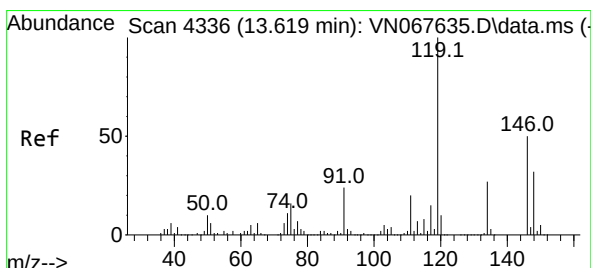
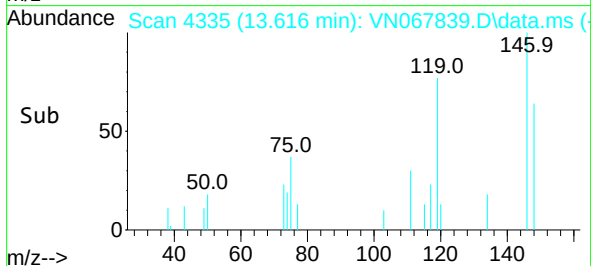
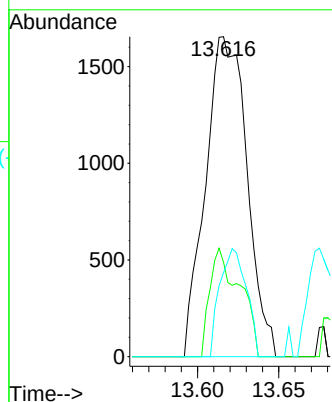
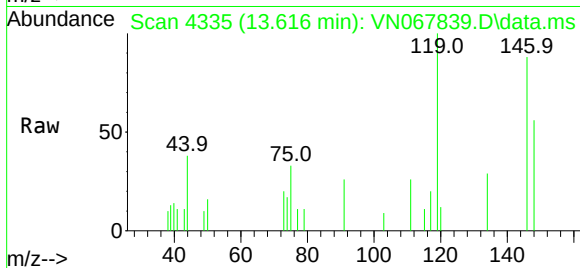




#86  
p-Isopropyltoluene  
Concen: 0.203 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

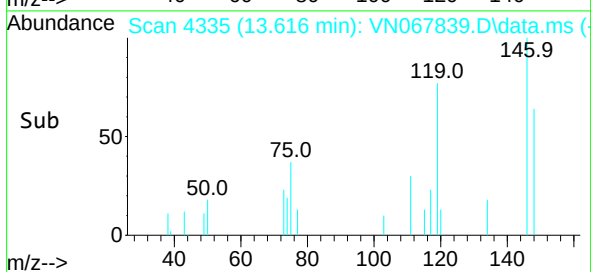
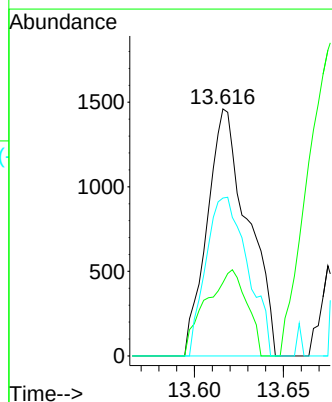
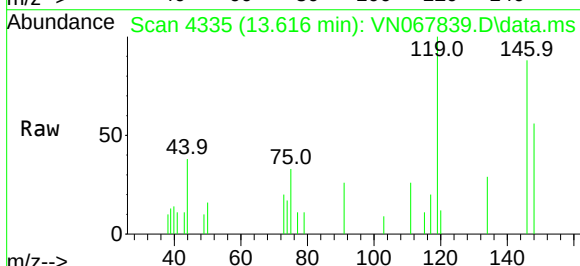
Instrument :  
MSVOA\_N  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:119 | Resp: | 2934        |
| Ion         | Ratio | Lower Upper |
| 119         | 100   |             |
| 134         | 24.4  | 12.4 37.4   |
| 91          | 21.6  | 14.8 44.3   |

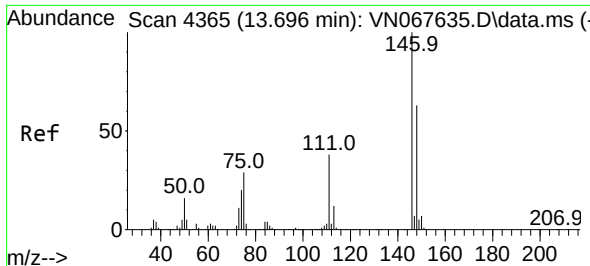


#87  
1,3-Dichlorobenzene  
Concen: 0.303 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 2325        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 34.9  | 24.3 72.8   |
| 148         | 65.7  | 32.0 96.0   |

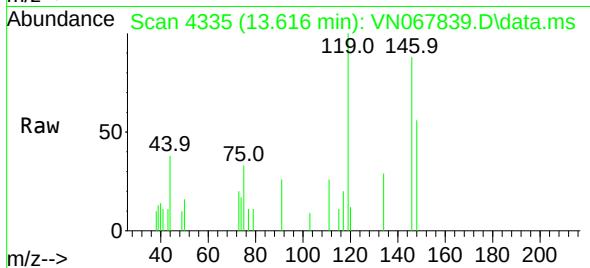




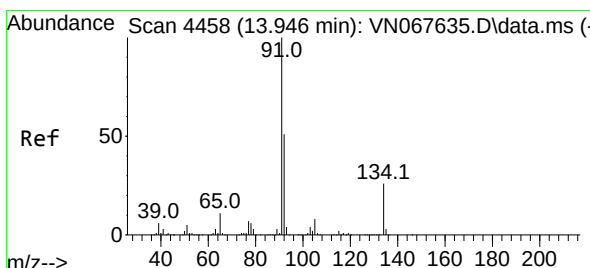
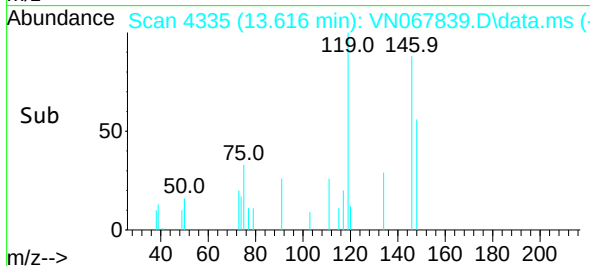
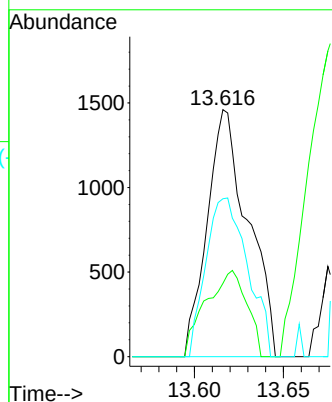


#88  
1,4-Dichlorobenzene  
Concen: 0.296 ug/l  
RT: 13.616 min Scan# 4335  
Delta R.T. -0.080 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Instrument :  
MSVOA\_N  
ClientSampleId :

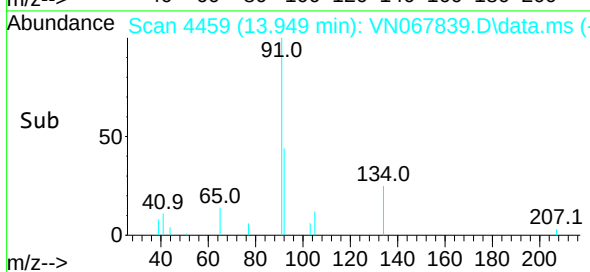
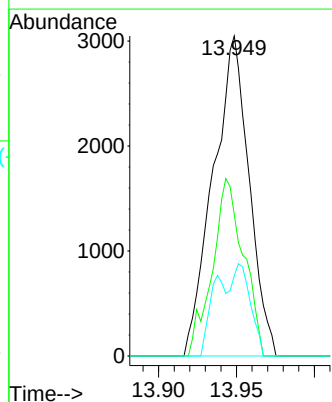
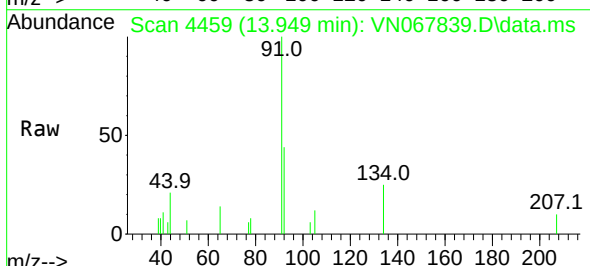


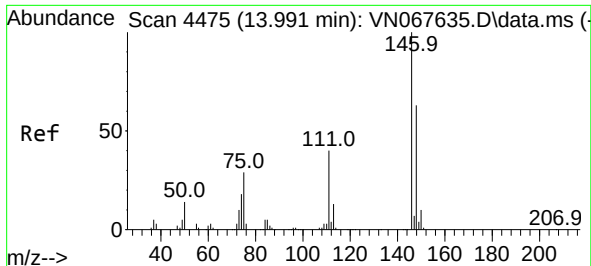
Tgt Ion:146 Resp: 2325  
Ion Ratio Lower Upper  
146 100  
111 34.9 23.4 70.2  
148 65.7 31.8 95.3



#89  
n-Butylbenzene  
Concen: 0.395 ug/l  
RT: 13.949 min Scan# 4459  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 91 Resp: 4887  
Ion Ratio Lower Upper  
91 100  
92 48.1 25.7 77.1  
134 13.8 11.2 33.6

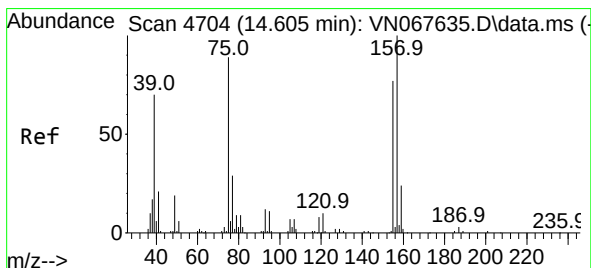
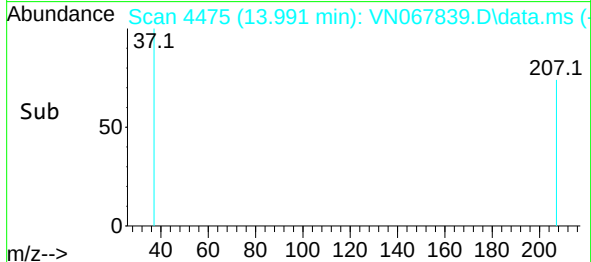
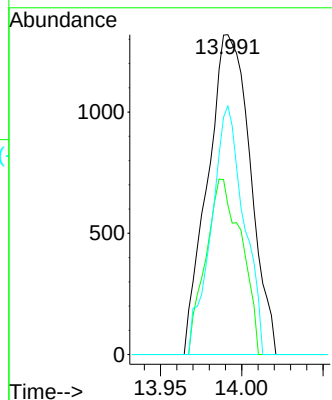
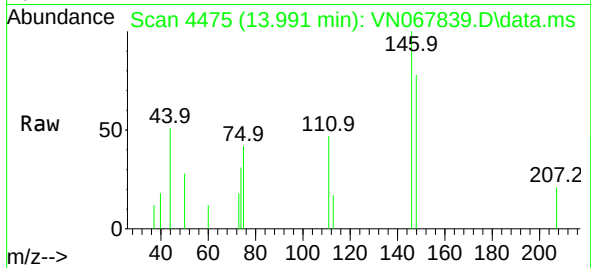




#91  
1,2-Dichlorobenzene  
Concen: 0.324 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

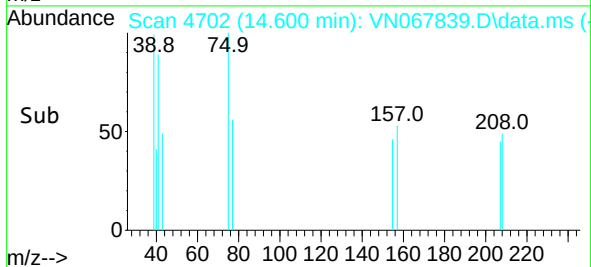
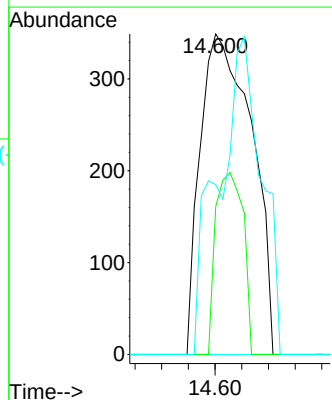
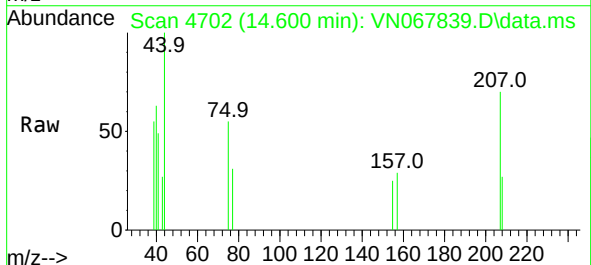
Instrument :  
MSVOA\_N  
ClientSampled :

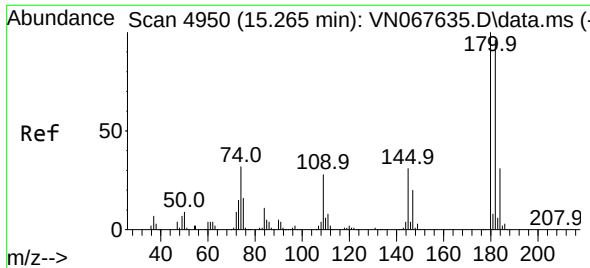
Tgt Ion:146 Resp: 2404  
Ion Ratio Lower Upper  
146 100  
111 45.8 24.9 74.6  
148 59.5 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.495 ug/l  
RT: 14.600 min Scan# 4702  
Delta R.T. -0.005 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion: 75 Resp: 467  
Ion Ratio Lower Upper  
75 100  
155 30.4 29.8 89.5  
157 83.5 37.6 112.8

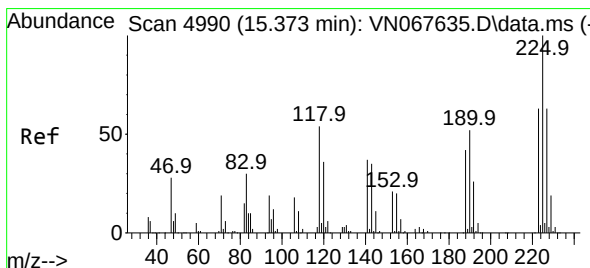
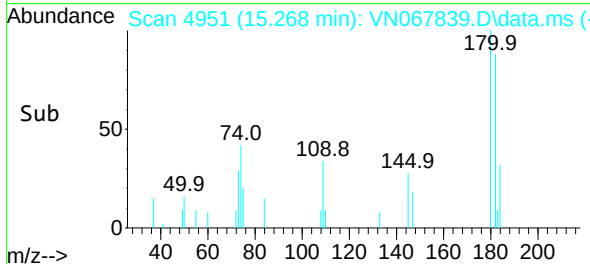
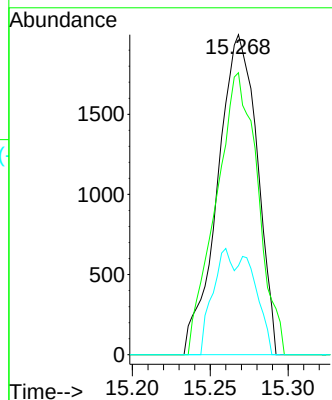
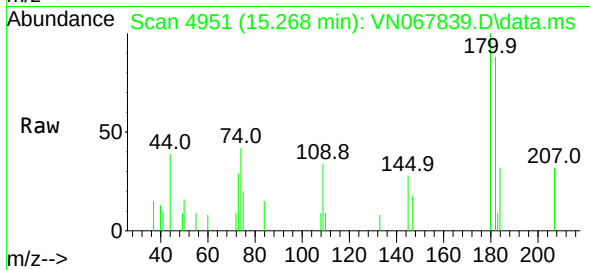




#93  
1,2,4-Trichlorobenzene  
Concen: 3.540 ug/l  
RT: 15.268 min Scan# 4951  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

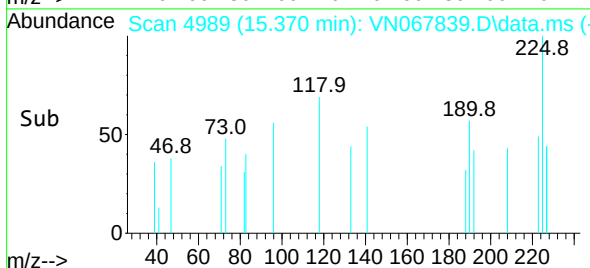
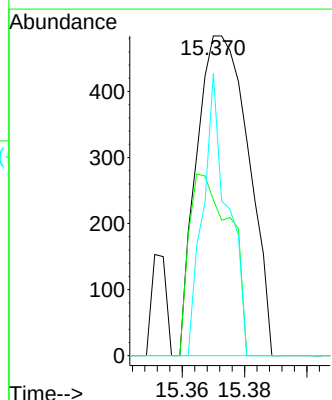
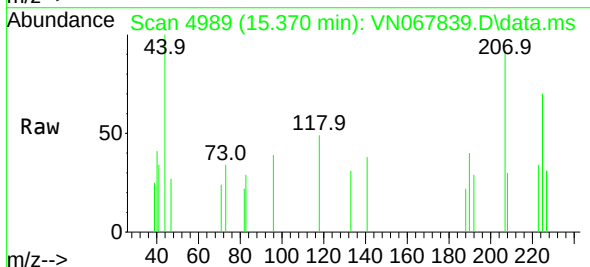
Instrument :  
MSVOA\_N  
ClientSampled :

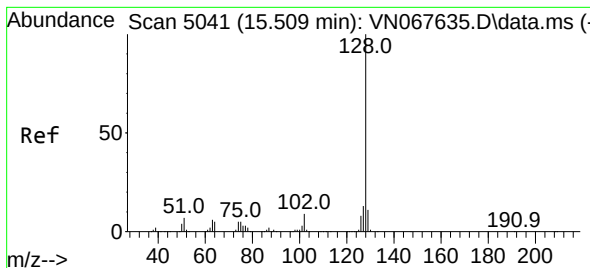
Tgt Ion:180 Resp: 3531  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.5 142.5  
145 17.6 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 0.359 ug/l  
RT: 15.370 min Scan# 4989  
Delta R.T. -0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Tgt Ion:225 Resp: 559  
Ion Ratio Lower Upper  
225 100  
223 45.3 31.4 94.0  
227 42.0 31.2 93.6

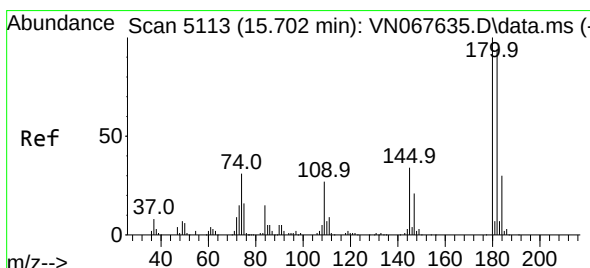
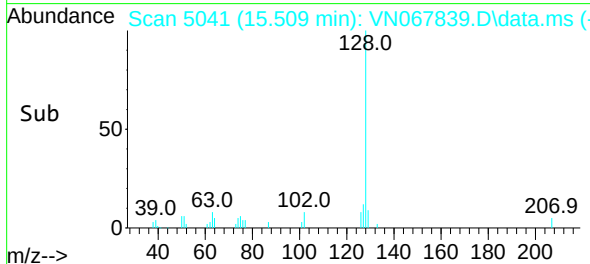
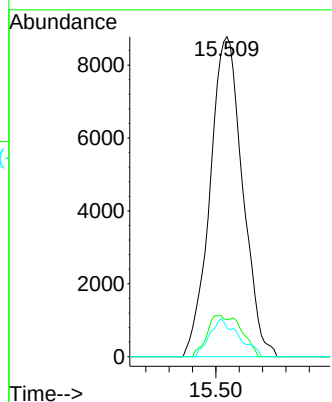
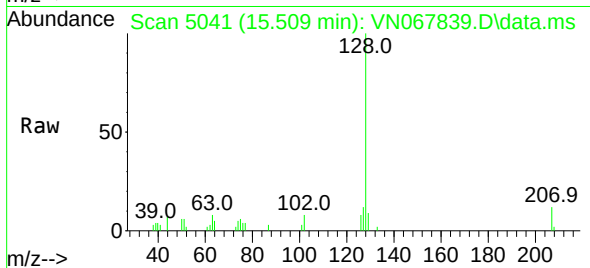




#95  
Naphthalene  
Concen: 4.419 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.000 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

Instrument :  
MSVOA\_N  
ClientSampled :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 7.8   | 10.6  | 15.8# |
| 129     | 10.5  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 3.763 ug/l  
RT: 15.705 min Scan# 5114  
Delta R.T. 0.003 min  
Lab File: VN067839.D  
Acq: 21 Jul 2021 15:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.8  | 47.8  | 143.3 |
| 145     | 30.8  | 18.2  | 54.6  |

