

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032822\  
 Data File : VN071597.D  
 Acq On : 28 Mar 2022 11:01  
 Operator : JC\MD  
 Sample : VN0328WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBL01

Quant Time: Mar 29 04:36:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 09:52:40 2022  
 Response via : Initial Calibration

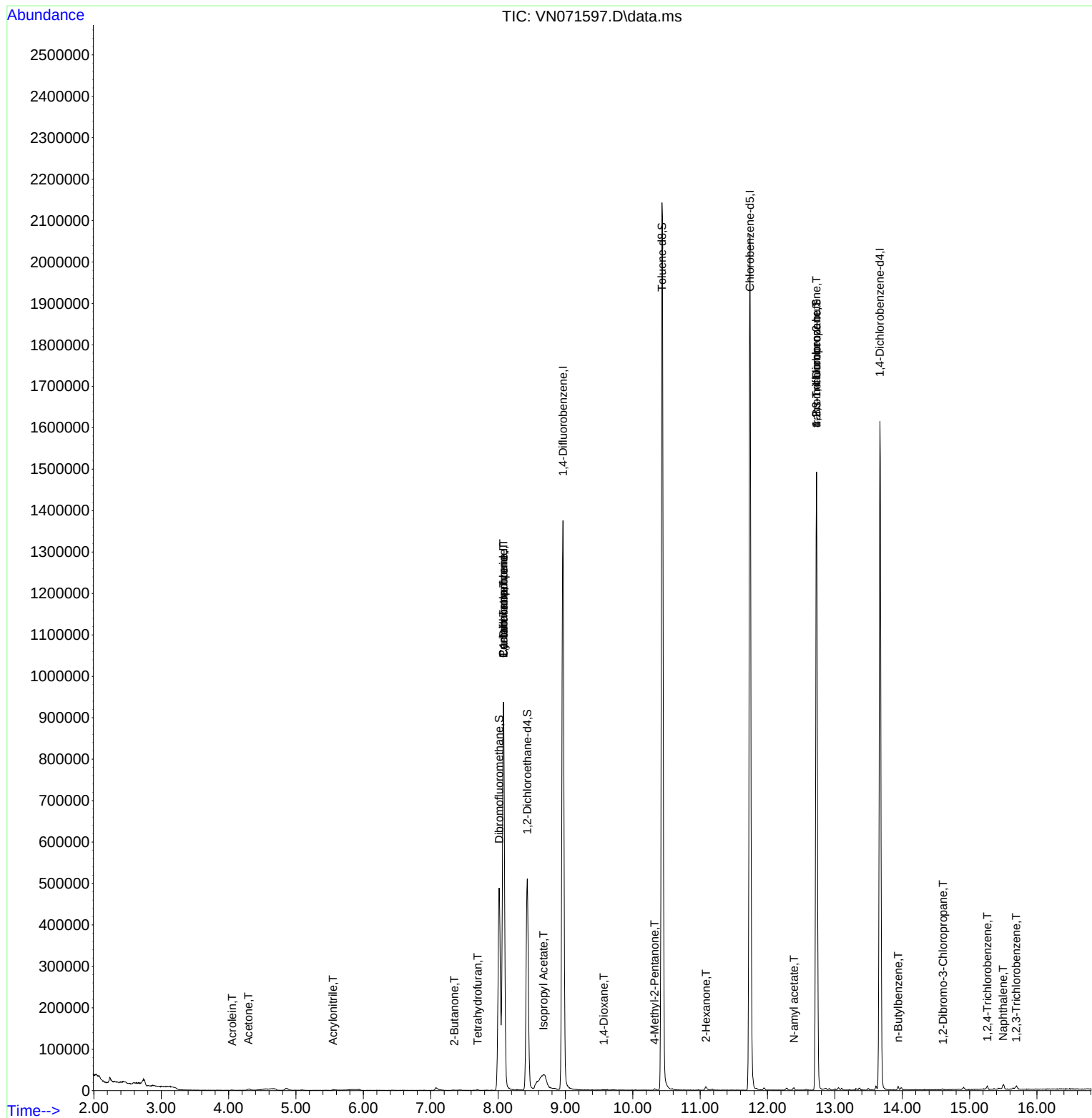
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.081          | 168  | 769522     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 1286149    | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 1252477    | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668         | 152  | 466700     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433          | 65   | 435881     | 45.592    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 91.180%   |        |          |
| 35) Dibromofluoromethane      | 8.016          | 113  | 366308     | 45.318    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 90.640%   |        |          |
| 50) Toluene-d8                | 10.433         | 98   | 1562280    | 47.918    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 95.840%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 529268     | 49.544    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 99.080%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 3) Chloromethane              | 2.304          | 50   | 1659       | Below Cal | #      | 43       |
| 13) Acrolein                  | 4.051          | 56   | 638        | 0.468     | ug/l   | 97       |
| 15) Acrylonitrile             | 5.551          | 53   | 1438       | 0.297     | ug/l # | 58       |
| 16) Acetone                   | 4.293          | 43   | 3803       | 0.970     | ug/l # | 83       |
| 18) Methyl Acetate            | 4.857          | 43   | 10690      | Below Cal | #      | 71       |
| 25) 2-Butanone                | 7.351          | 43   | 1488       | 0.237     | ug/l # | 45       |
| 29) Tetrahydrofuran           | 7.698          | 42   | 962        | 0.230     | ug/l # | 87       |
| 31) Cyclohexane               | 8.081          | 56   | 14447      | 1.056     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.081          | 75   | 53690      | 4.607     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.081          | 117  | 70394      | 6.196     | ug/l # | 16       |
| 43) Isopropyl Acetate         | 8.675          | 43   | 73810      | 3.254     | ug/l # | 53       |
| 49) 1,4-Dioxane               | 9.569          | 88   | 251        | 1.186     | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.322         | 43   | 3811       | 0.300     | ug/l # | 73       |
| 59) 2-Hexanone                | 11.086         | 43   | 7420       | 0.809     | ug/l   | 84       |
| 74) N-amyl acetate            | 12.392         | 43   | 3682       | 0.278     | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.816         | 83   | 917        | Below Cal | #      | 91       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 265637     | 25.525    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.727         | 75   | 265637     | 68.338    | ug/l # | 10       |
| 89) n-Butylbenzene            | 13.939         | 91   | 5459       | 0.230     | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.604         | 75   | 501        | 0.206     | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.262         | 180  | 3160       | 0.428     | ug/l   | 91       |
| 95) Naphthalene               | 15.498         | 128  | 12575      | 3.710     | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.692         | 180  | 4055       | 0.553     | ug/l   | 98       |
| -----                         |                |      |            |           |        |          |

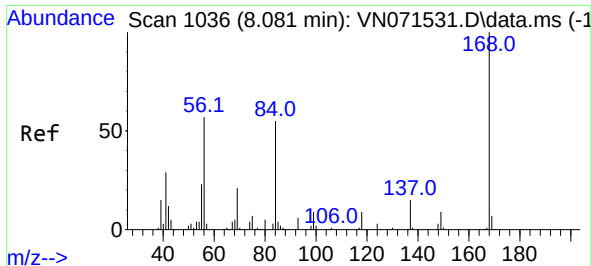
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032822\  
Data File : VN071597.D  
Acq On : 28 Mar 2022 11:01  
Operator : JC\MD  
Sample : VN0328WBL01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

Quant Time: Mar 29 04:36:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N032522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 25 09:52:40 2022  
Response via : Initial Calibration

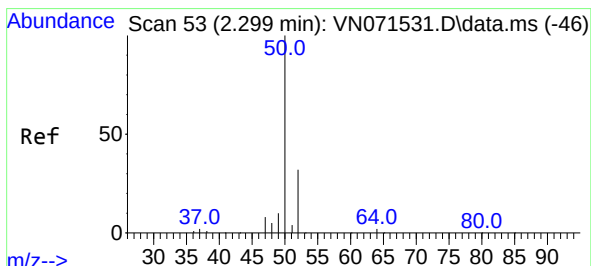
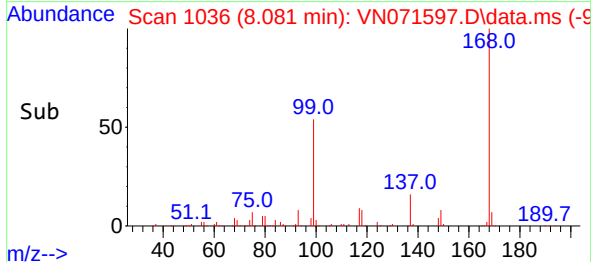
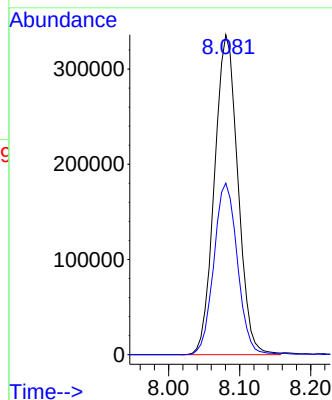
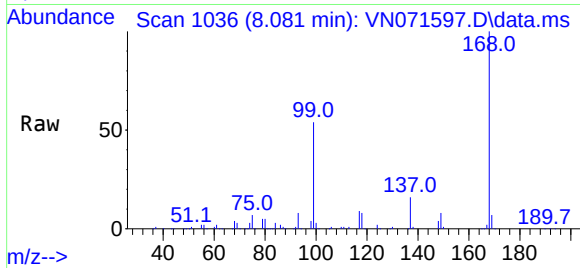




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

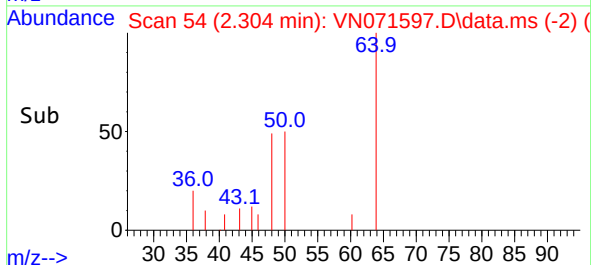
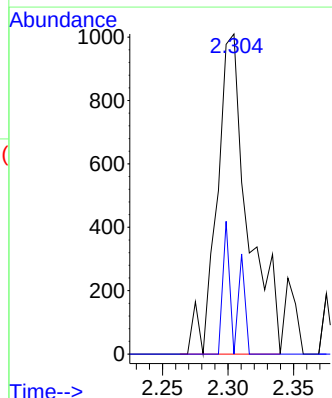
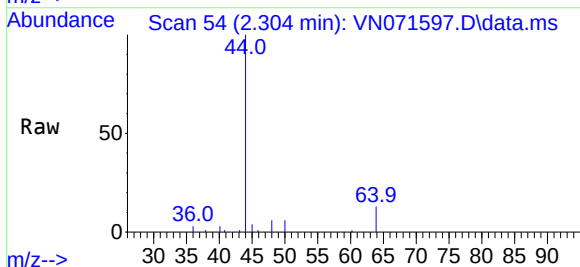
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

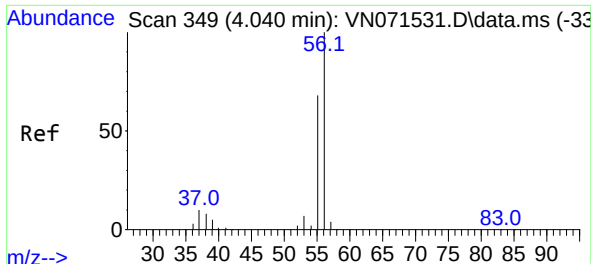
Tgt Ion:168 Resp: 769522  
Ion Ratio Lower Upper  
168 100  
99 53.6 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.304 min Scan# 54  
Delta R.T. 0.005 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 50 Resp: 1659  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.7 38.5#

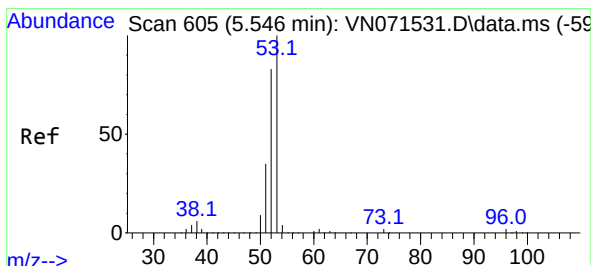
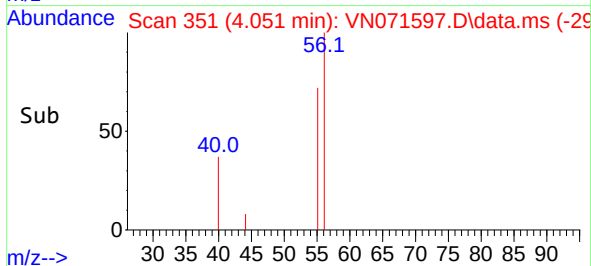
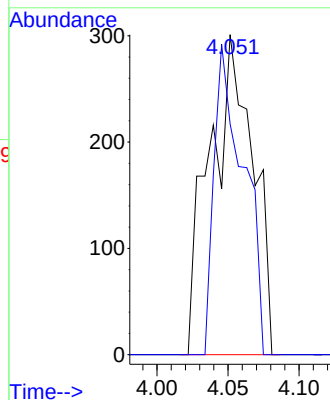
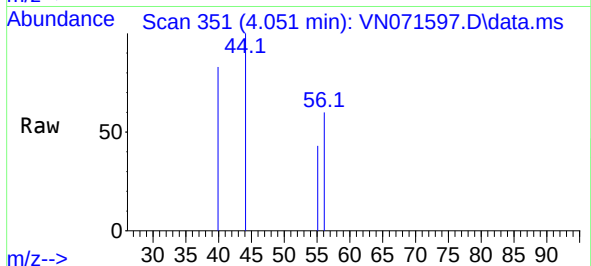




#13  
Acrolein  
Concen: 0.468 ug/l  
RT: 4.051 min Scan# 311  
Delta R.T. 0.011 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

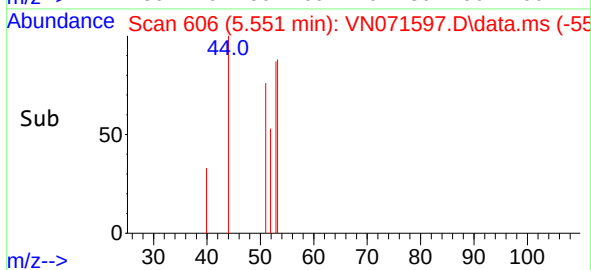
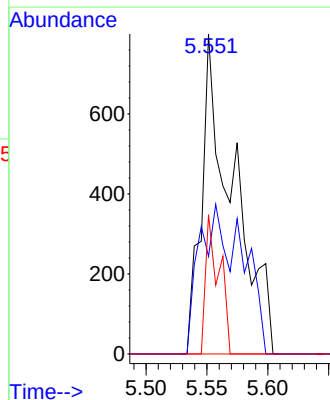
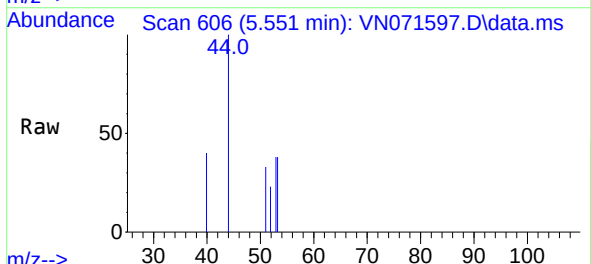
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

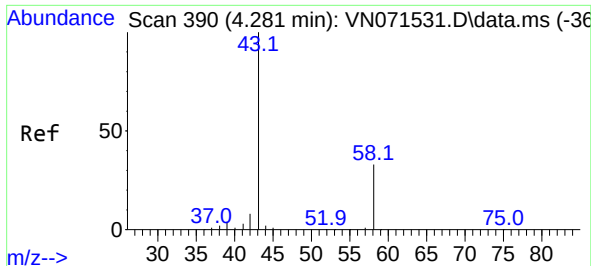
Tgt Ion: 56 Resp: 638  
Ion Ratio Lower Upper  
56 100  
55 65.7 54.8 82.2



#15  
Acrylonitrile  
Concen: 0.297 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. 0.005 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 53 Resp: 1438  
Ion Ratio Lower Upper  
53 100  
52 40.2 66.4 99.6#  
51 18.8 28.5 42.7#

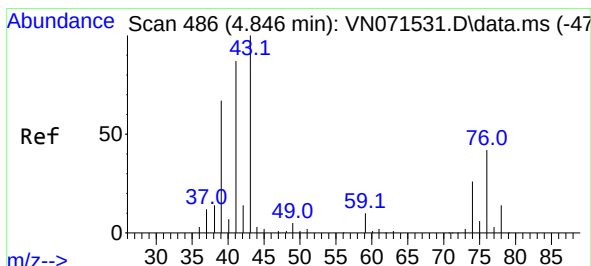
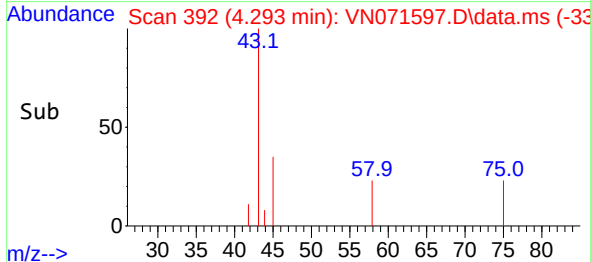
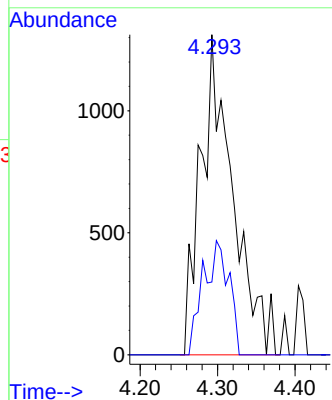
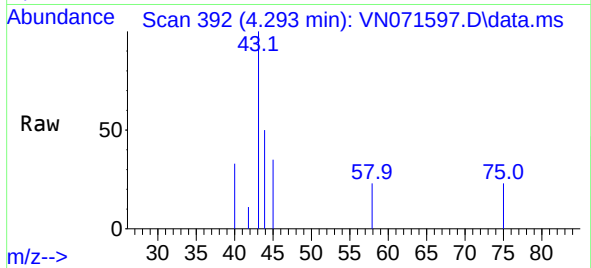




#16  
Acetone  
Concen: 0.970 ug/l  
RT: 4.293 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

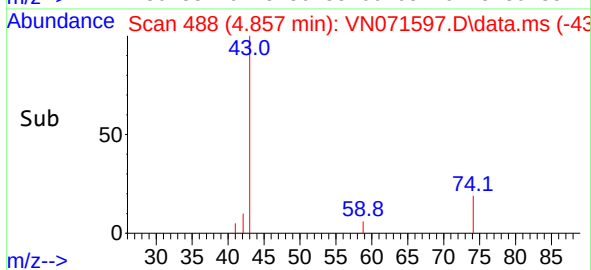
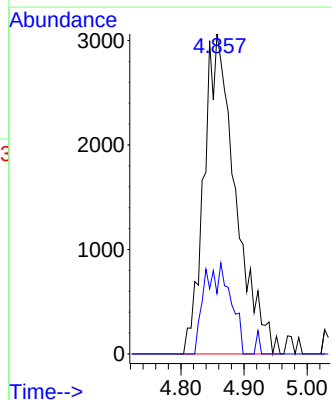
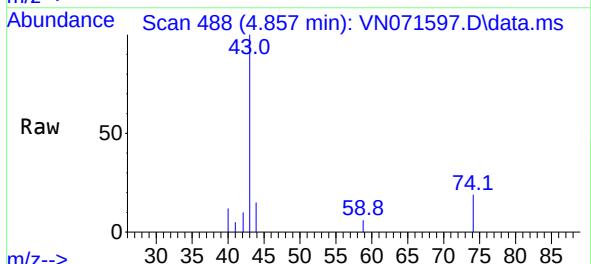
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

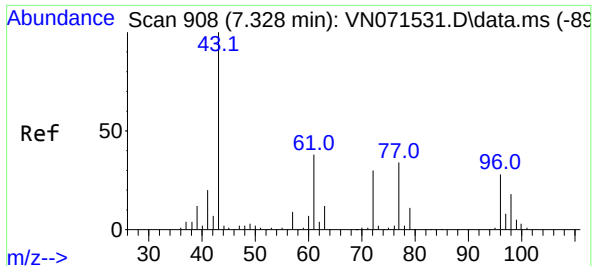
Tgt Ion: 43 Resp: 3803  
Ion Ratio Lower Upper  
43 100  
58 22.7 26.0 39.0#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.857 min Scan# 488  
Delta R.T. 0.011 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 43 Resp: 10690  
Ion Ratio Lower Upper  
43 100  
74 12.0 21.6 32.4#





#25

2-Butanone

Concen: 0.237 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN071597.D

Acq: 28 Mar 2022 11:01

Instrument :

MSVOA\_N

ClientSampleId :

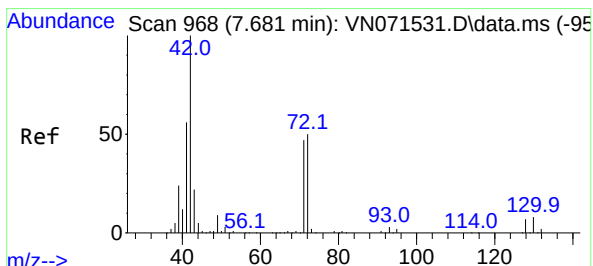
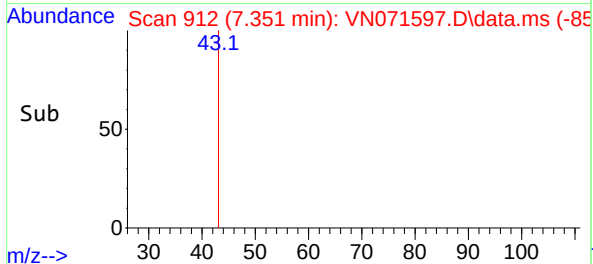
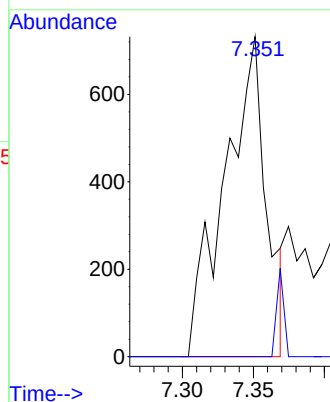
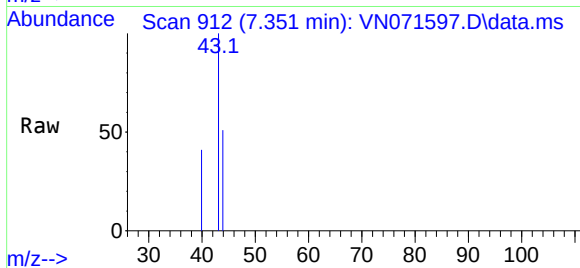
VN0328WBL01

Tgt Ion: 43 Resp: 1488

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.018 min

Lab File: VN071597.D

Acq: 28 Mar 2022 11:01

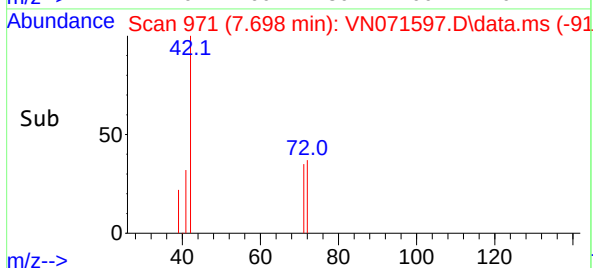
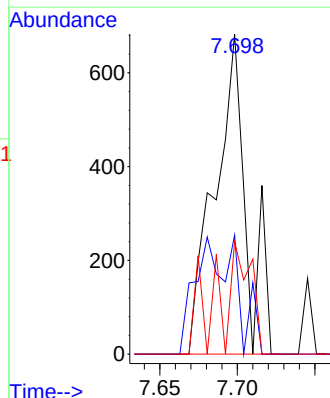
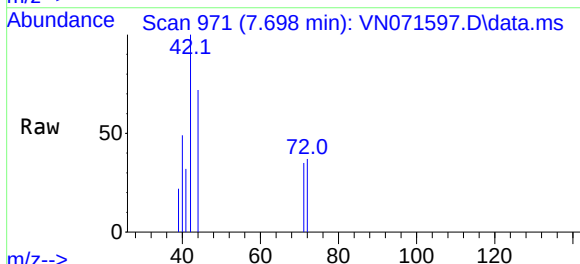
Tgt Ion: 42 Resp: 962

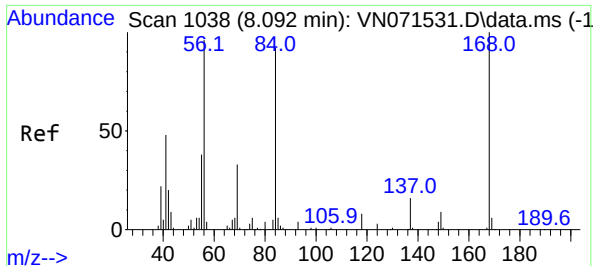
Ion Ratio Lower Upper

42 100

72 47.3 39.7 59.5

71 29.8 36.6 55.0#

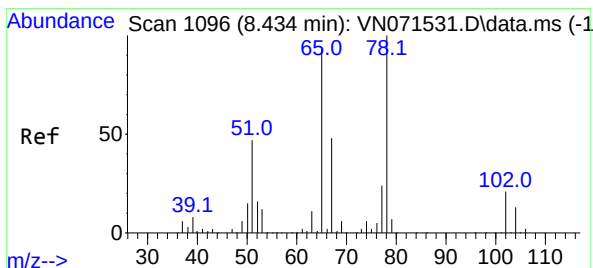
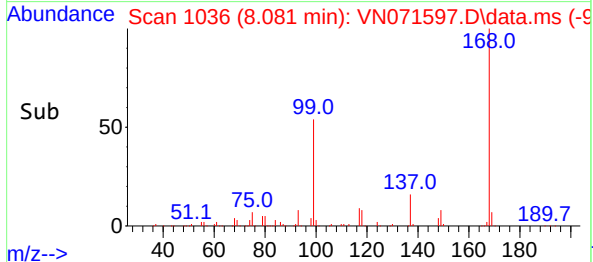
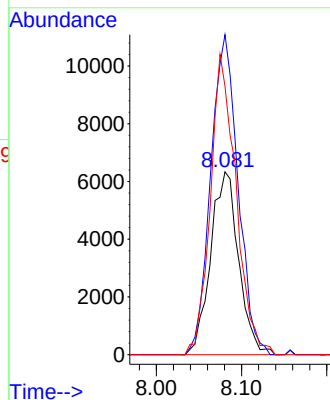
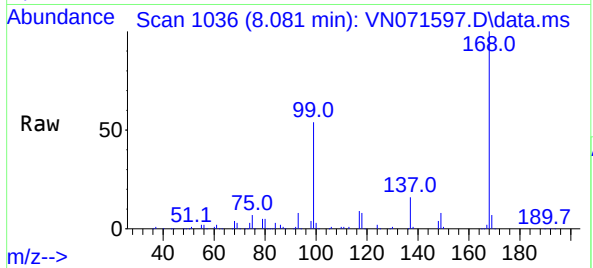




#31  
Cyclohexane  
Concen: 1.056 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

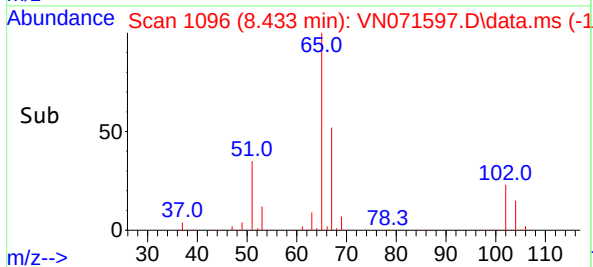
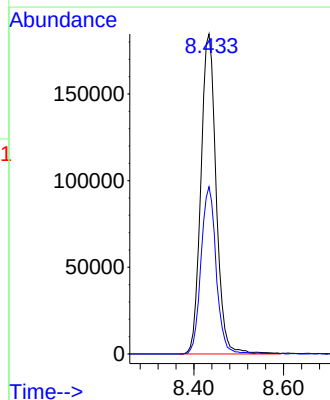
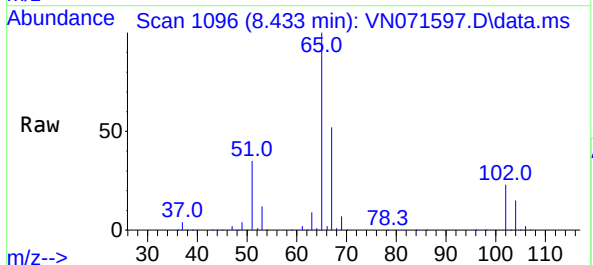
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

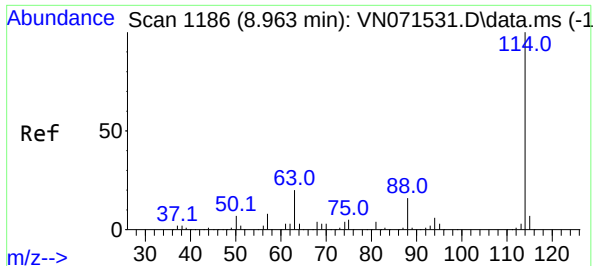
Tgt Ion: 56 Resp: 14447  
Ion Ratio Lower Upper  
56 100  
69 175.0 27.8 41.8#  
84 146.9 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 45.592 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 65 Resp: 435881  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 104.8

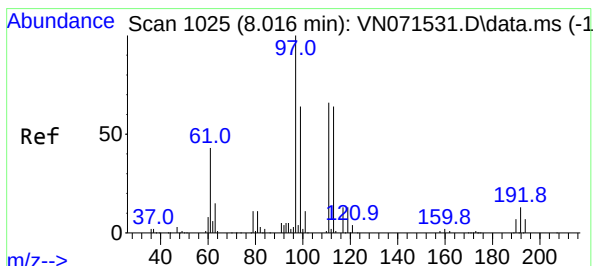
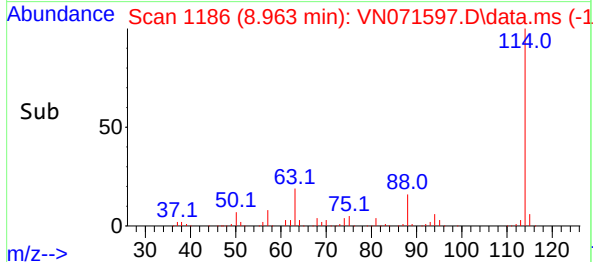
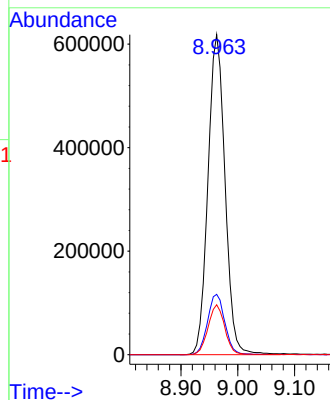
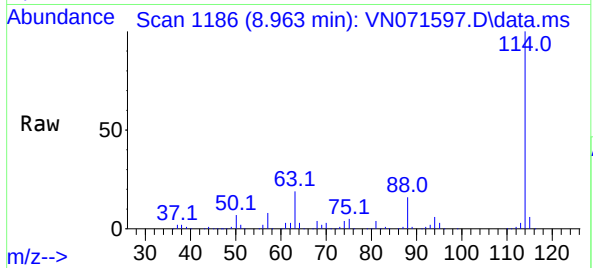




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

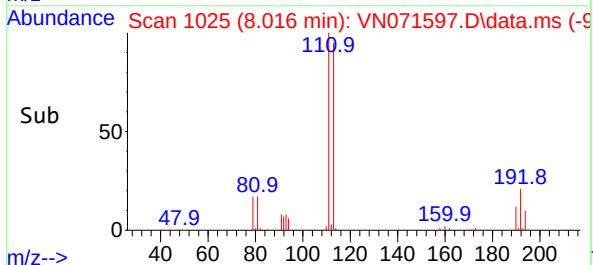
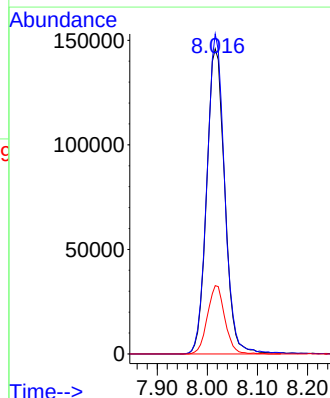
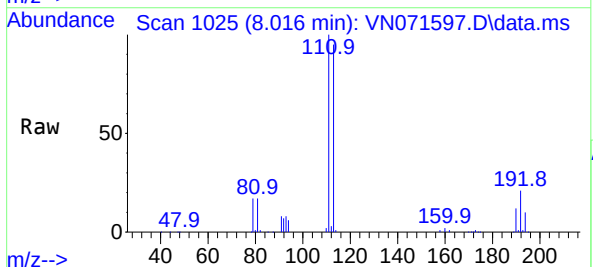
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

Tgt Ion:114 Resp: 1286149  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 40.0  
88 15.6 0.0 32.6

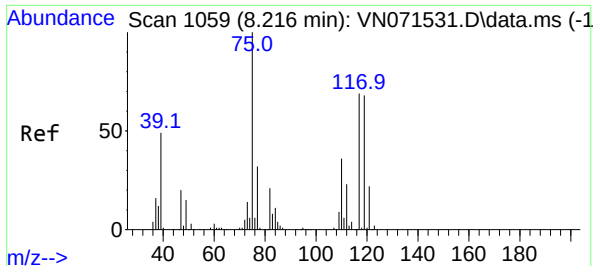


#35  
Dibromofluoromethane  
Concen: 45.318 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion:113 Resp: 366308  
Ion Ratio Lower Upper  
113 100  
111 102.6 81.4 122.0  
192 21.5 17.0 25.6







#36

1,1-Dichloropropene

Concen: 4.607 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071597.D

Acq: 28 Mar 2022 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VN0328WBL01

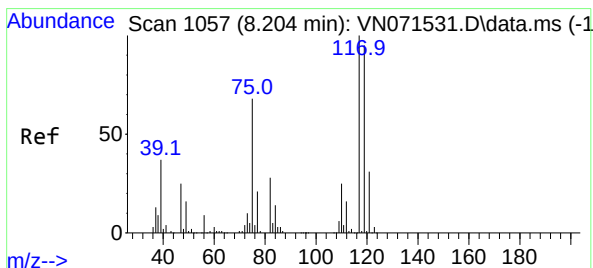
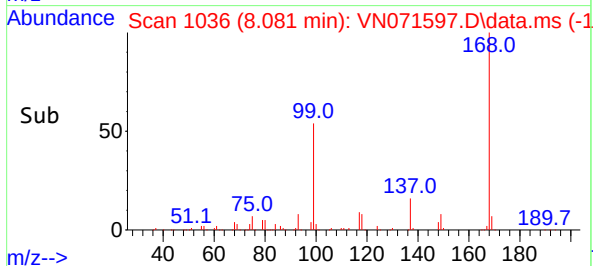
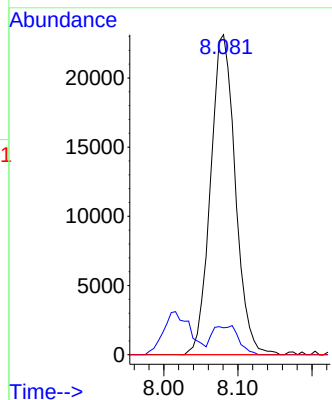
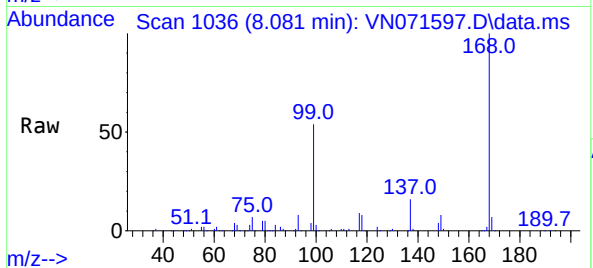
Tgt Ion: 75 Resp: 53690

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.196 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.124 min

Lab File: VN071597.D

Acq: 28 Mar 2022 11:01

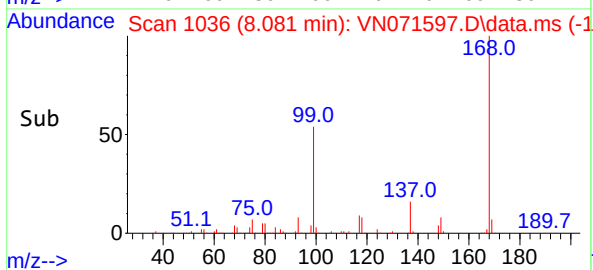
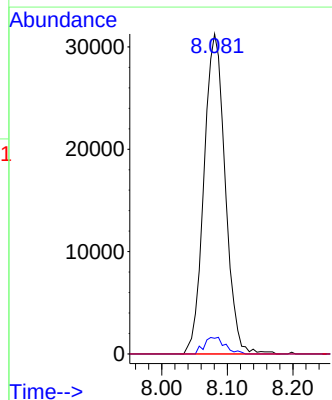
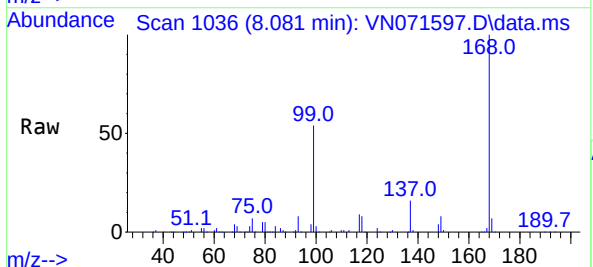
Tgt Ion: 117 Resp: 70394

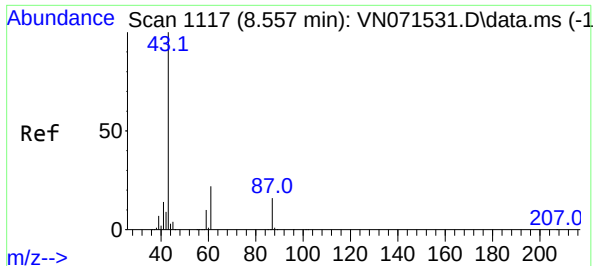
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.8#

121 0.0 24.6 37.0#

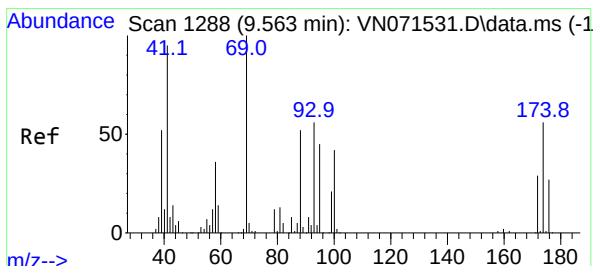
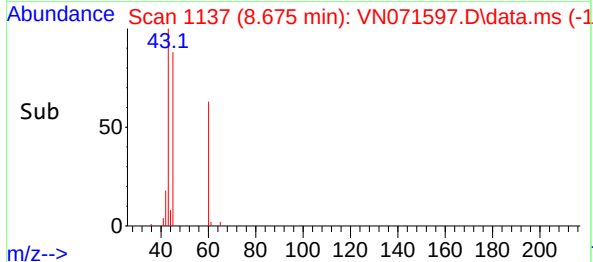
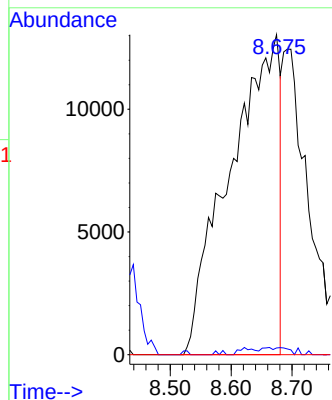
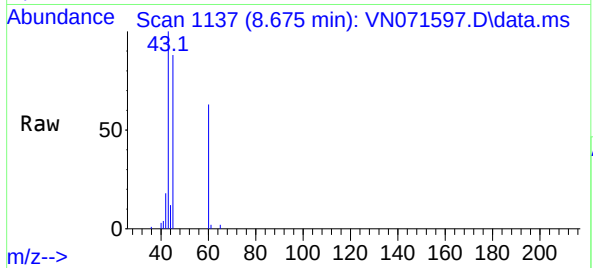




#43  
Isopropyl Acetate  
Concen: 3.254 ug/l  
RT: 8.675 min Scan# 1117  
Delta R.T. 0.118 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

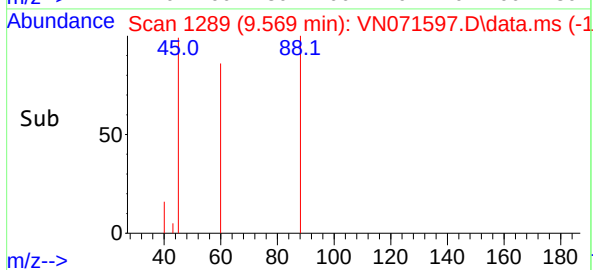
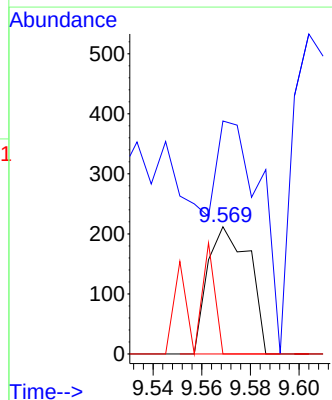
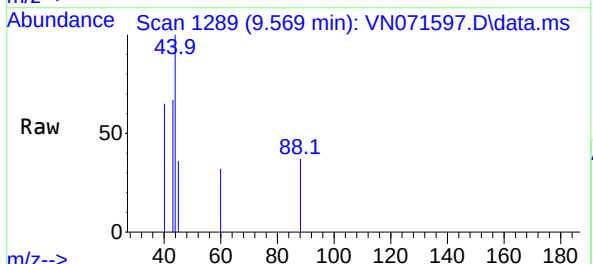
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

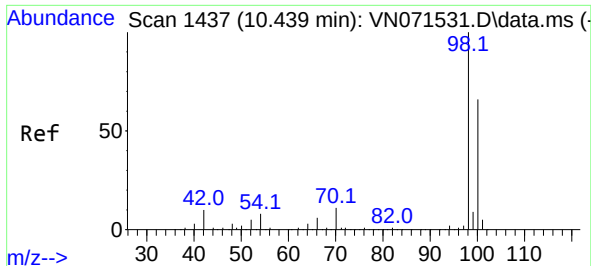
Tgt Ion: 43 Resp: 73810  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#



#49  
1,4-Dioxane  
Concen: 1.186 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 88 Resp: 251  
Ion Ratio Lower Upper  
88 100  
43 188.0 20.2 30.4#  
58 0.0 54.2 81.4#

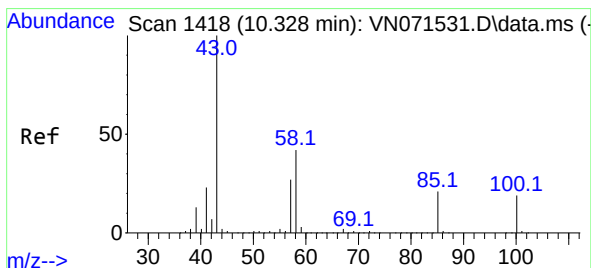
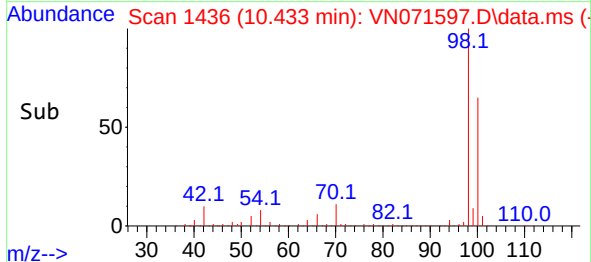
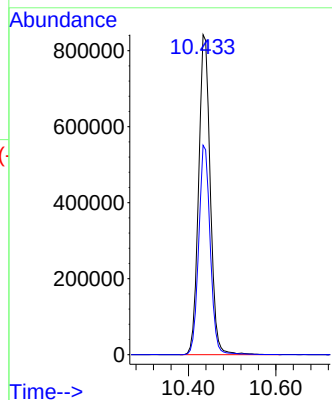
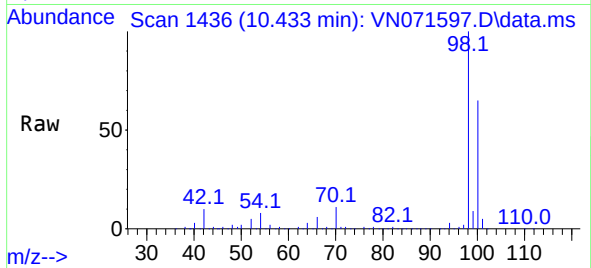




#50  
Toluene-d8  
Concen: 47.918 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

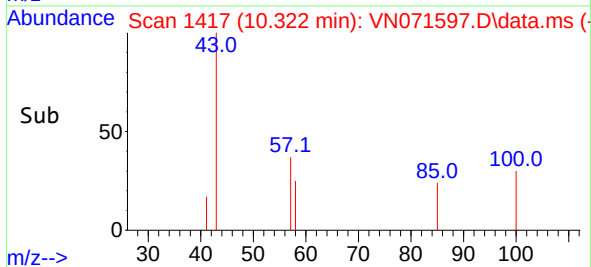
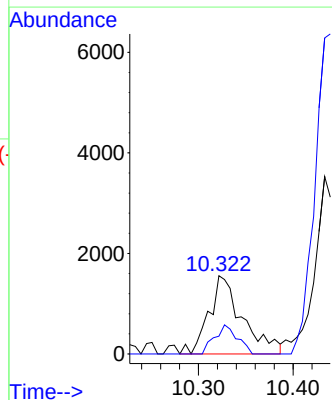
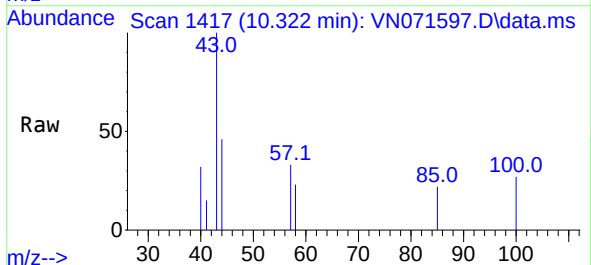
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

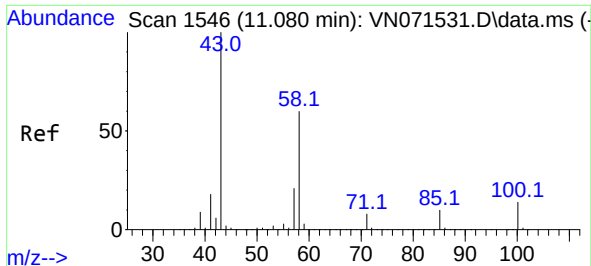
Tgt Ion: 98 Resp: 1562280  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.300 ug/l  
RT: 10.322 min Scan# 1417  
Delta R.T. -0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 43 Resp: 3811  
Ion Ratio Lower Upper  
43 100  
58 25.4 34.1 51.1#

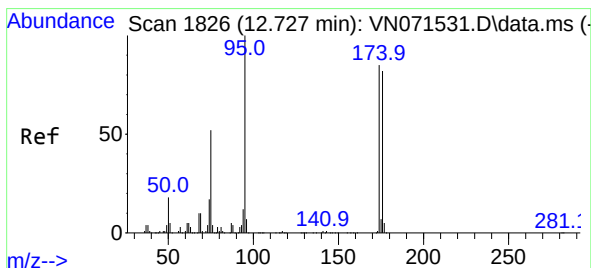
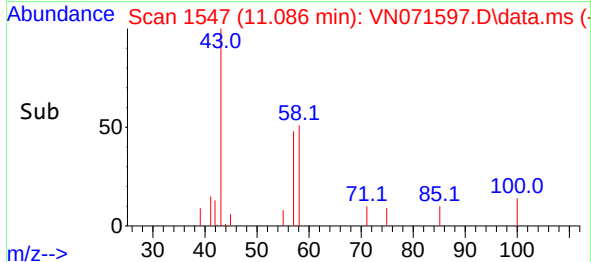
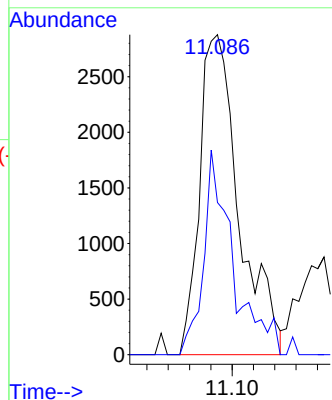
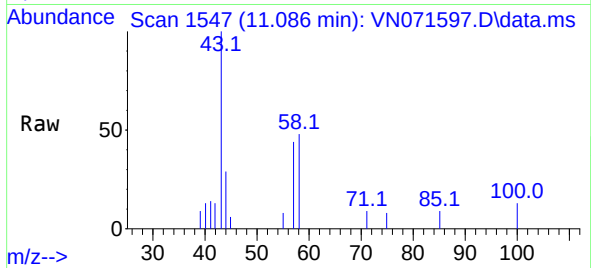




#59  
2-Hexanone  
Concen: 0.809 ug/l  
RT: 11.086 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

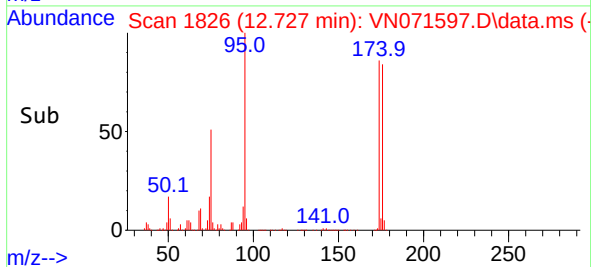
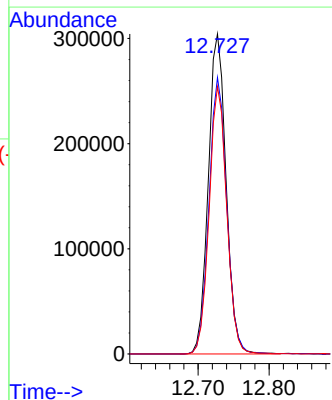
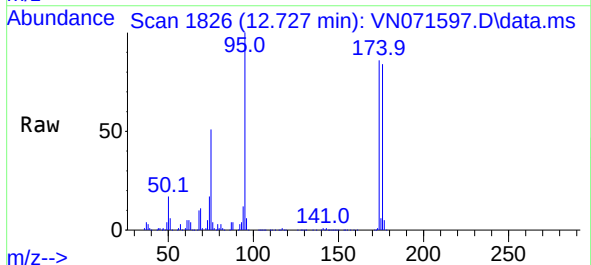
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

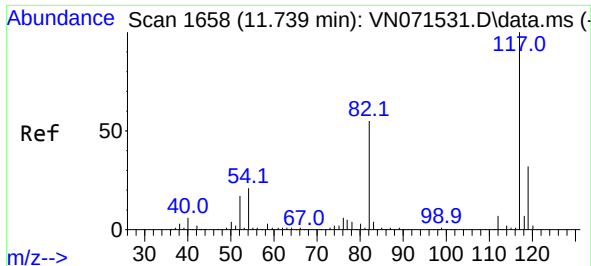
Tgt Ion: 43 Resp: 7420  
Ion Ratio Lower Upper  
43 100  
58 47.0 29.7 89.1



#62  
4-Bromofluorobenzene  
Concen: 49.544 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 95 Resp: 529268  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 167.6  
176 82.8 0.0 163.4

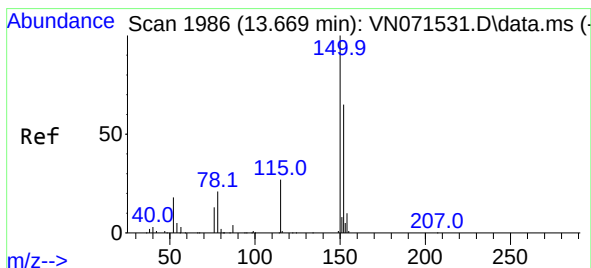
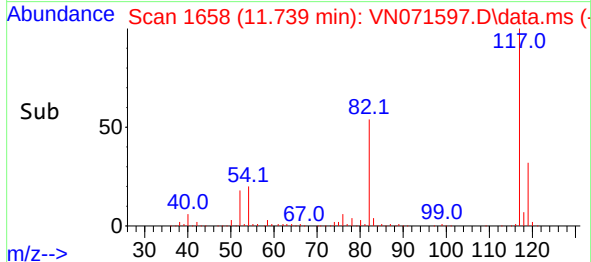
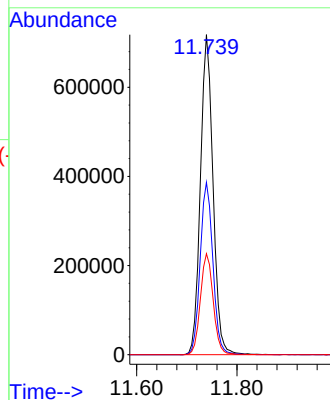
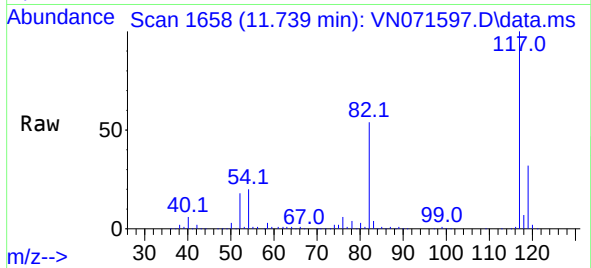




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

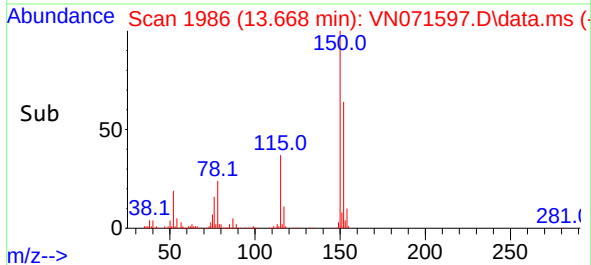
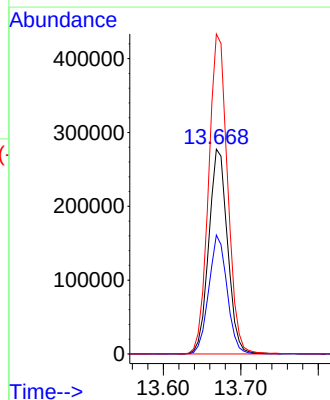
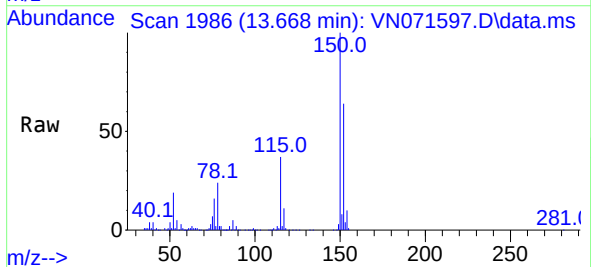
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

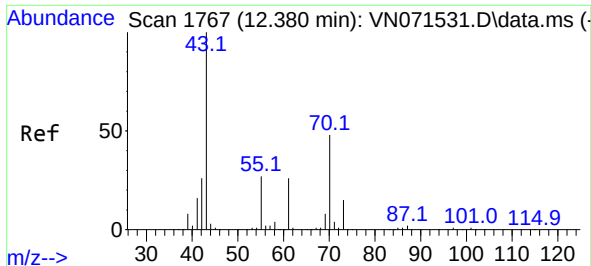
Tgt Ion:117 Resp: 1252477  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.2 66.2  
119 31.6 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion:152 Resp: 466700  
Ion Ratio Lower Upper  
152 100  
115 56.7 28.9 86.7  
150 158.1 0.0 356.2



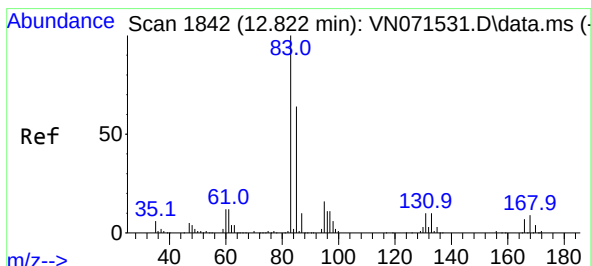
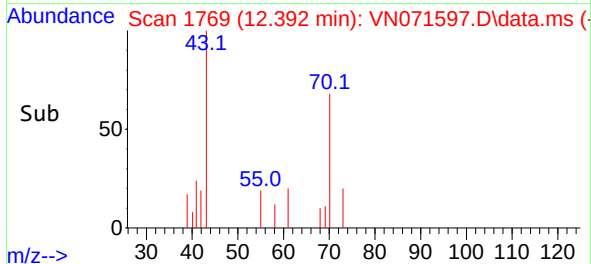
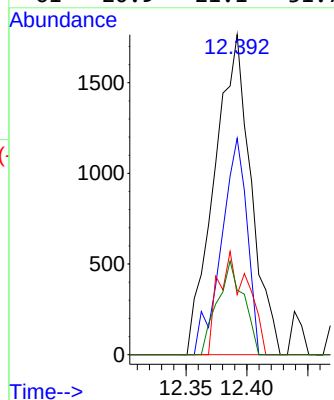
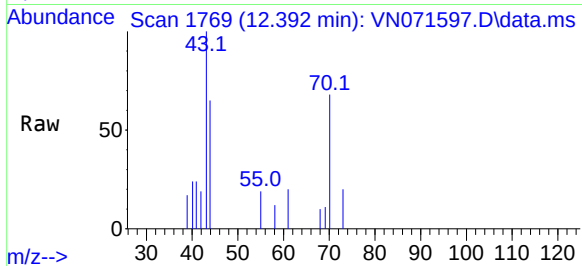


#74  
N-amy1 acetate  
Concen: 0.278 ug/l  
RT: 12.392 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

Tgt Ion: 43 Resp: 3682

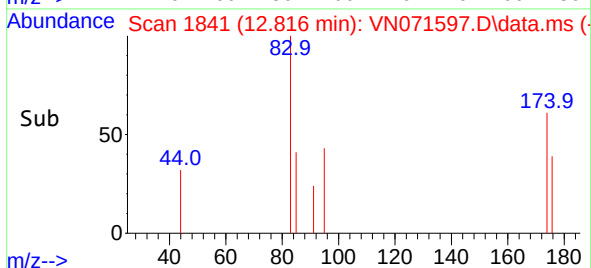
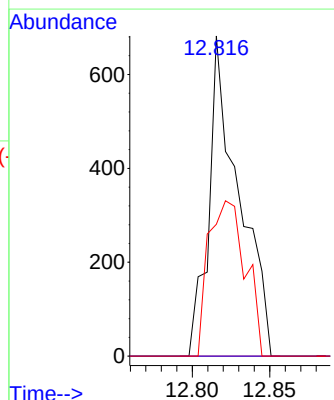
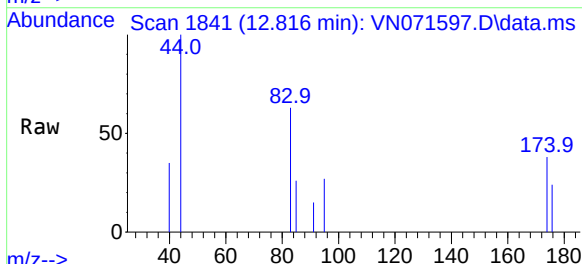
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 47.7  | 39.0  | 58.4  |
| 55  | 25.9  | 21.1  | 31.7  |
| 61  | 20.9  | 21.1  | 31.7  |

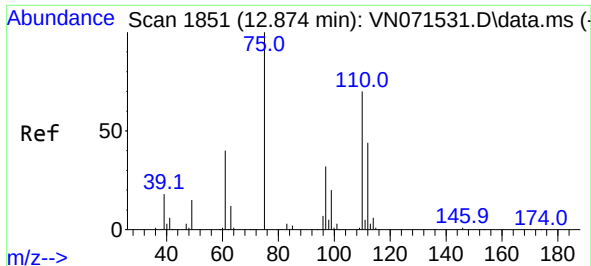


#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.816 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 83 Resp: 917

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 0.0   | 5.3   | 15.9  |
| 85  | 59.7  | 32.3  | 96.9  |

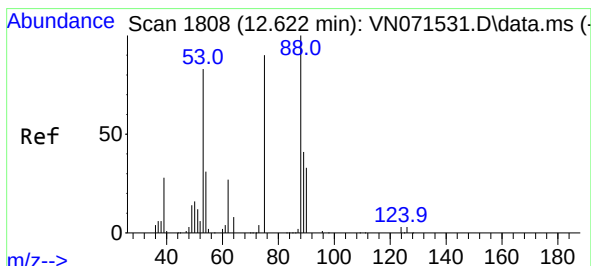
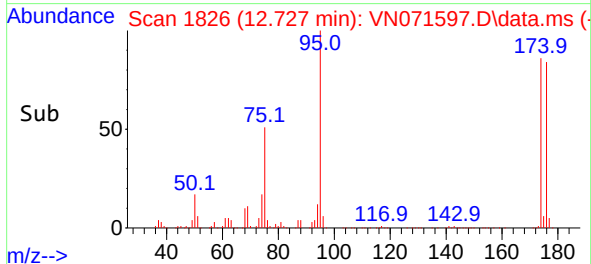
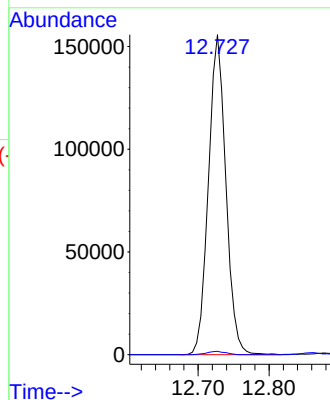
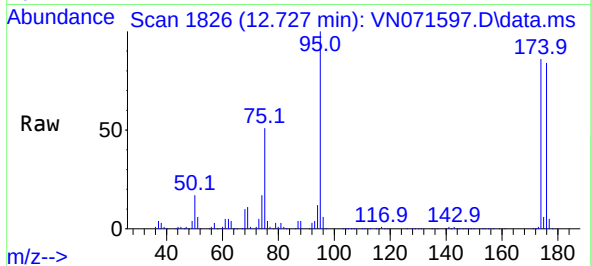




#76  
1,2,3-Trichloropropane  
Concen: 25.525 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

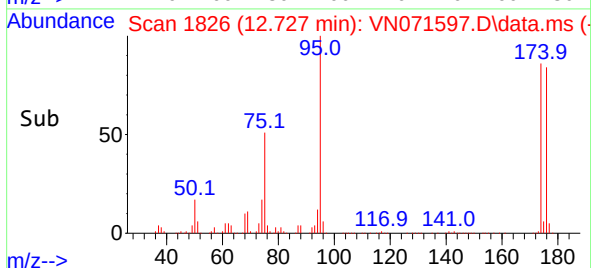
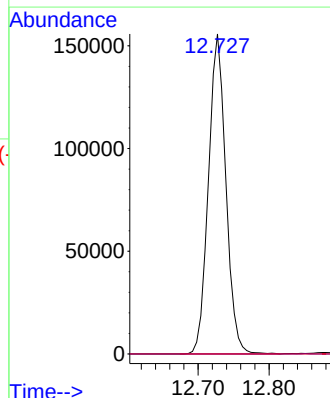
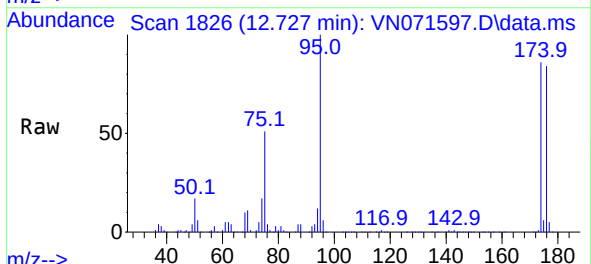
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

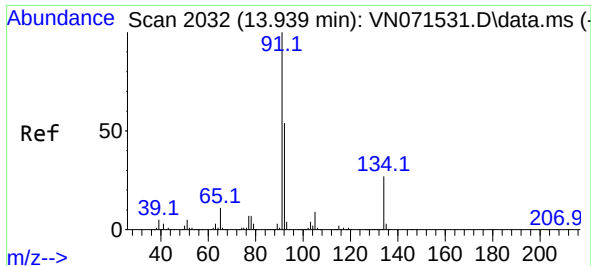
Tgt Ion: 75 Resp: 265637  
Ion Ratio Lower Upper  
75 100  
77 1.1 98.5 295.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 68.338 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.106 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

Tgt Ion: 75 Resp: 265637  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#

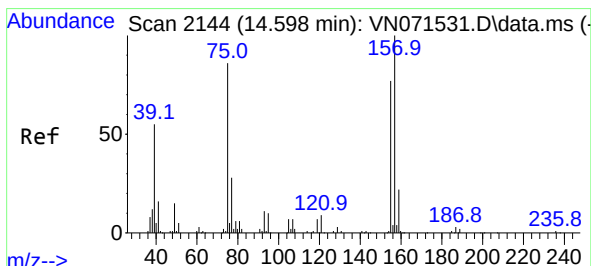
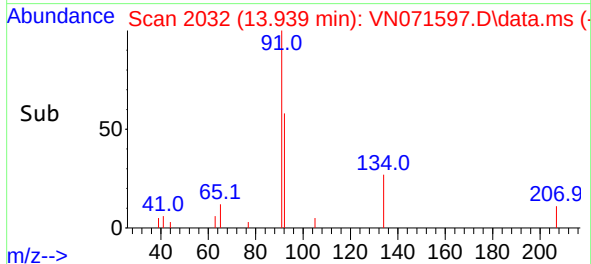
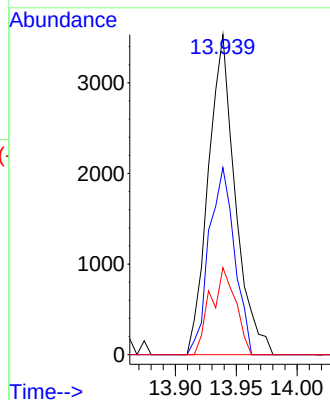
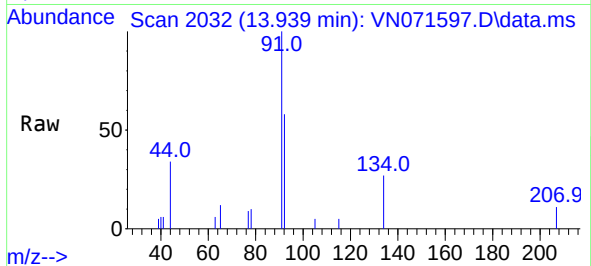




#89  
n-Butylbenzene  
Concen: 0.230 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

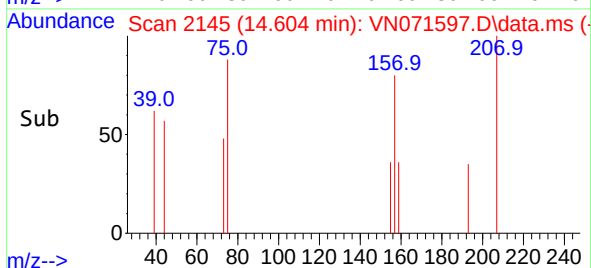
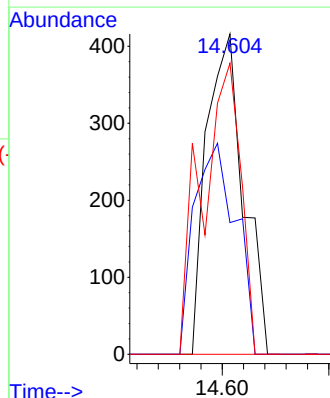
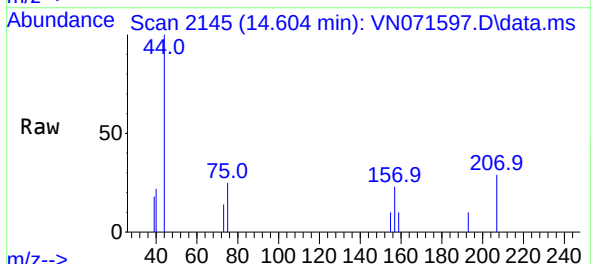
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 5459  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 55.3  | 26.9  | 80.7  |
| 134      | 25.2  | 13.6  | 40.8  |

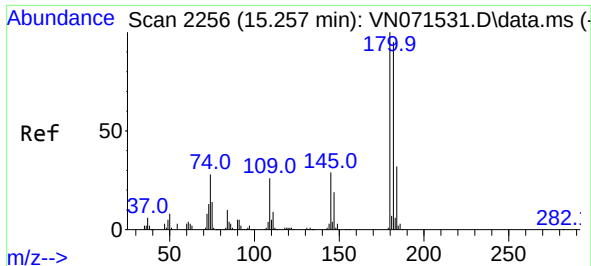


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.206 ug/l  
RT: 14.604 min Scan# 2145  
Delta R.T. 0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 501   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 74.1  | 44.9  | 134.5 |
| 157      | 95.0  | 59.0  | 176.8 |



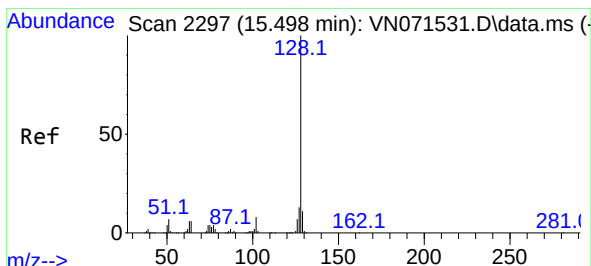
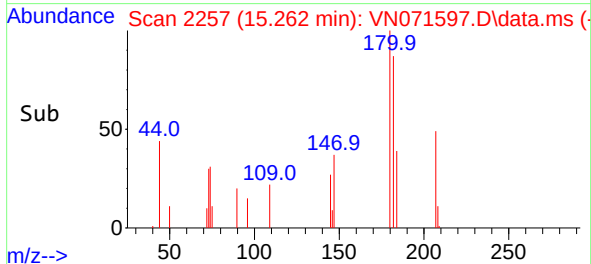
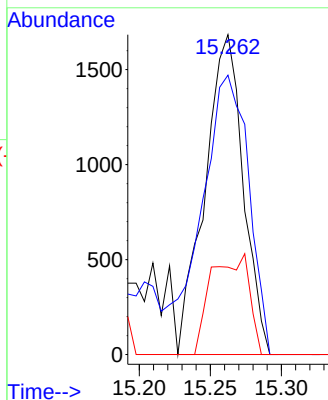
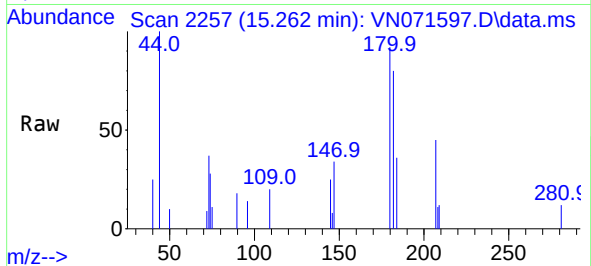




#93  
1,2,4-Trichlorobenzene  
Concen: 0.428 ug/l  
RT: 15.262 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

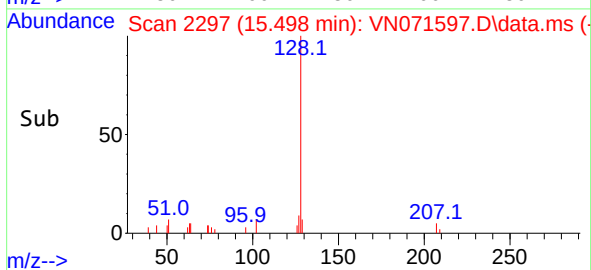
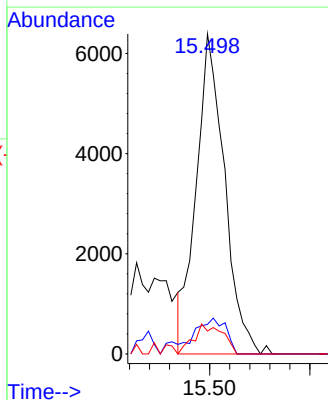
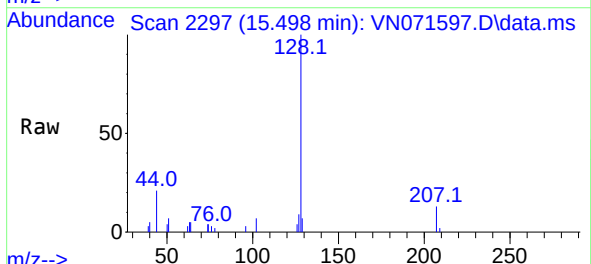
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0328WBL01

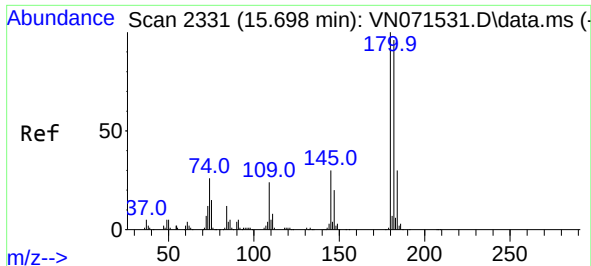
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3160  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 105.7 | 47.5  | 142.5 |
| 145      | 31.2  | 14.5  | 43.5  |



#95  
Naphthalene  
Concen: 3.710 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN071597.D  
Acq: 28 Mar 2022 11:01

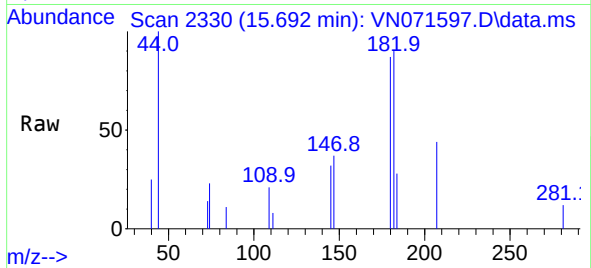
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 12575 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.0  | 10.3  | 15.5  |
| 129      | 9.4   | 8.6   | 13.0  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.553 ug/l  
 RT: 15.692 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN071597.D  
 Acq: 28 Mar 2022 11:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0328WBL01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 4055  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.4  | 47.8  | 143.3 |
| 145      | 31.9  | 15.5  | 46.5  |

