

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062123\  
 Data File : VN078335.D  
 Acq On : 21 Jun 2023 20:23  
 Operator : JC\MD  
 Sample : 03337-14  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jun 22 04:55:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

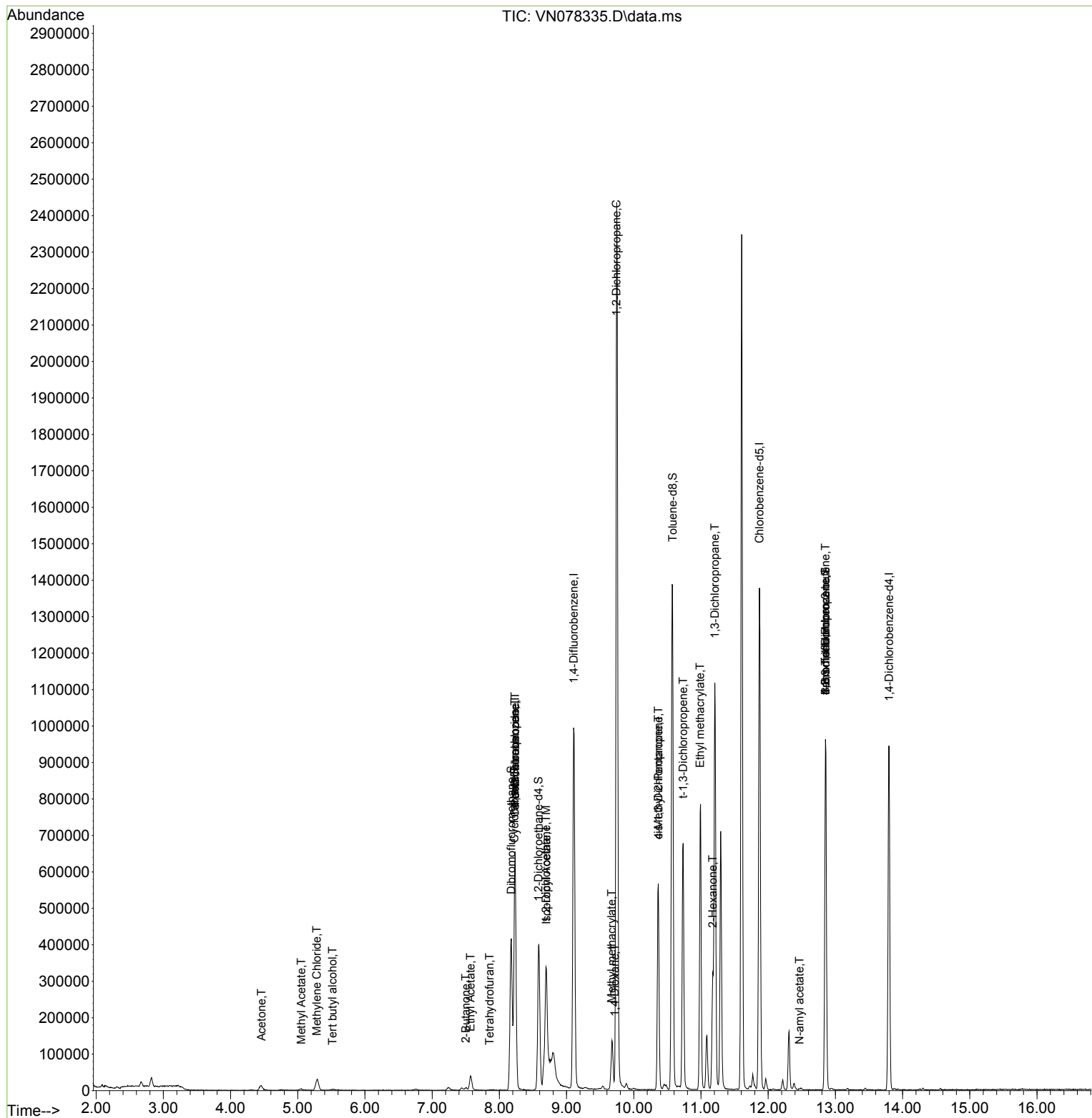
| Compound                      | R.T.   | QIon  | Response | Conc        | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-------------|------------|----------|
| -----                         |        |       |          |             |            |          |
| Internal Standards            |        |       |          |             |            |          |
| 1) Pentafluorobenzene         | 8.236  | 168   | 460451   | 50.000      | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 885624   | 50.000      | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.871 | 117   | 816968   | 50.000      | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800 | 152   | 263956   | 50.000      | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |             |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.583  | 65    | 328551   | 53.517      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery    | = 107.040% |          |
| 35) Dibromofluoromethane      | 8.177  | 113   | 300615   | 53.684      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery    | = 107.360% |          |
| 50) Toluene-d8                | 10.577 | 98    | 1042811  | 48.307      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery    | = 96.620%  |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 337475   | 50.287      | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery    | = 100.580% |          |
| Target Compounds              |        |       |          |             |            |          |
|                               |        |       |          |             | Qvalue     |          |
| 3) Chloromethane              | 2.377  | 50    | 1279     | Below Cal   |            | 96       |
| 11) Tert butyl alcohol        | 5.518  | 59    | 1744     | 2.057 ug/l  | #          | 72       |
| 16) Acetone                   | 4.459  | 43    | 27130    | 15.353 ug/l |            | 93       |
| 18) Methyl Acetate            | 5.053  | 43    | 7041     | 0.865 ug/l  | #          | 42       |
| 20) Methylene Chloride        | 5.283  | 84    | 23549    | 4.033 ug/l  | #          | 93       |
| 25) 2-Butanone                | 7.500  | 43    | 9988     | 3.676 ug/l  | #          | 78       |
| 29) Tetrahydrofuran           | 7.853  | 42    | 494      | 0.272 ug/l  | #          | 54       |
| 31) Cyclohexane               | 8.224  | 56    | 11847    | 1.504 ug/l  | #          | 49       |
| 36) 1,1-Dichloropropene       | 8.236  | 75    | 40169    | 5.001 ug/l  | #          | 48       |
| 37) Ethyl Acetate             | 7.571  | 43    | 59338    | 9.457 ug/l  | #          | 95       |
| 38) Carbon Tetrachloride      | 8.230  | 117   | 51211    | 6.038 ug/l  | #          | 15       |
| 42) 1,2-Dichloroethane        | 8.694  | 62    | 3020     | 0.367 ug/l  | #          | 73       |
| 43) Isopropyl Acetate         | 8.700  | 43    | 442889   | 36.907 ug/l | #          | 72       |
| 45) 1,2-Dichloropropane       | 9.741  | 63    | 3206     | 0.537 ug/l  | #          | 45       |
| 48) Methyl methacrylate       | 9.671  | 41    | 8437     | 1.675 ug/l  | #          | 28       |
| 49) 1,4-Dioxane               | 9.718  | 88    | 66       | 0.624 ug/l  | #          | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.365 | 43    | 201058   | 31.818 ug/l | #          | 41       |
| 53) t-1,3-Dichloropropene     | 10.735 | 75    | 2185     | 0.257 ug/l  | #          | 56       |
| 54) cis-1,3-Dichloropropene   | 10.365 | 75    | 107564   | 11.446 ug/l | #          | 64       |
| 56) Ethyl methacrylate        | 10.988 | 69    | 3450     | 0.414 ug/l  | #          | 1        |
| 57) 1,3-Dichloropropane       | 11.206 | 76    | 12125    | 1.254 ug/l  | #          | 42       |
| 59) 2-Hexanone                | 11.177 | 43    | 241994   | 55.000 ug/l | #          | 19       |
| 71) Bromoform                 | 12.853 | 173   | 2988     | 0.720 ug/l  | #          | 1        |
| 74) N-amyl acetate            | 12.465 | 43    | 1721     | 0.209 ug/l  | #          | 42       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83    | 90       | Below Cal   | #          | 26       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 182500   | 29.247 ug/l | #          | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 182500   | 89.855 ug/l | #          | 15       |
| -----                         |        |       |          |             |            |          |

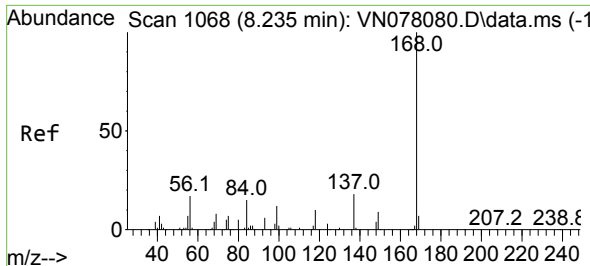
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062123\  
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Sample : 03337-14  
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jun 22 04:55:40 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration

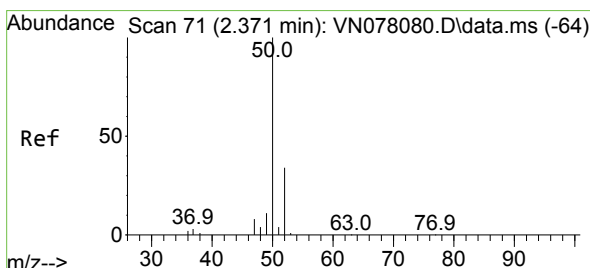
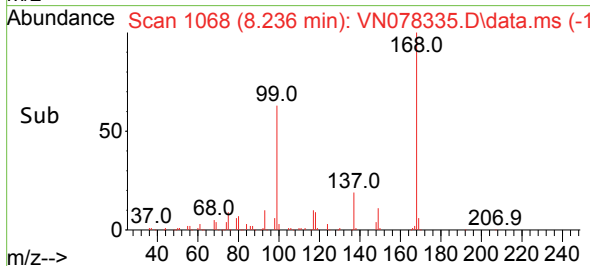
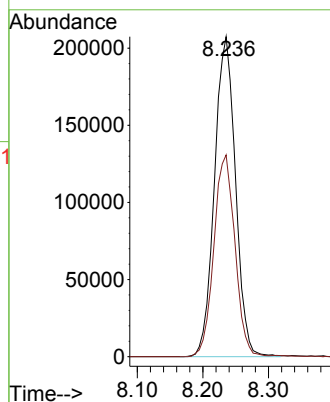
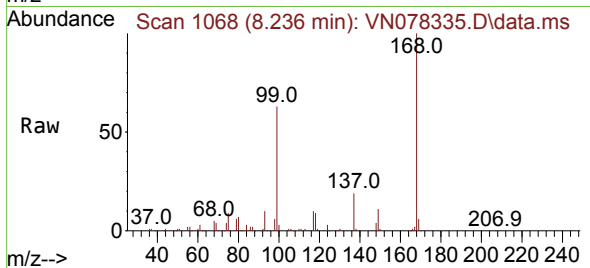




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. 0.001 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

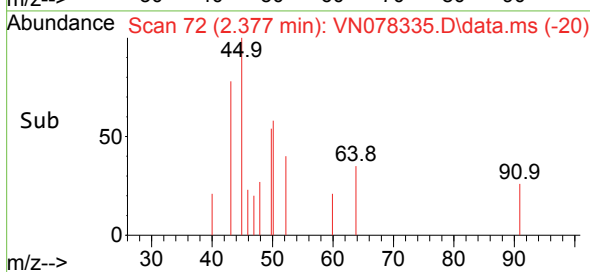
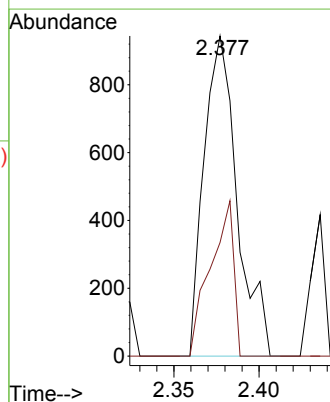
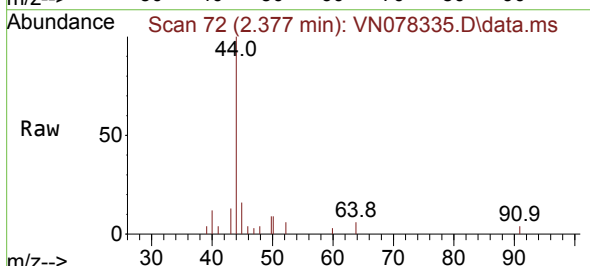
Instrument :  
MSVOA\_N  
ClientSampleId :

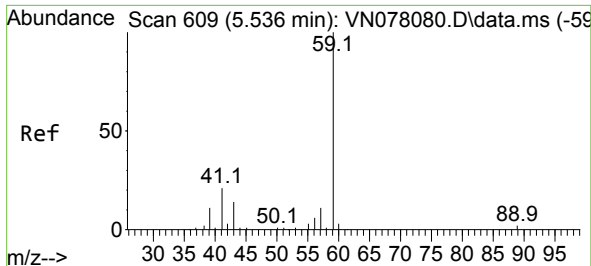
Tgt Ion:168 Resp: 460451  
Ion Ratio Lower Upper  
168 100  
99 63.0 53.0 79.6



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.377 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 50 Resp: 1279  
Ion Ratio Lower Upper  
50 100  
52 35.5 26.5 39.7

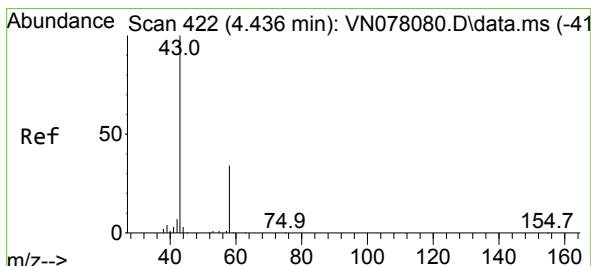
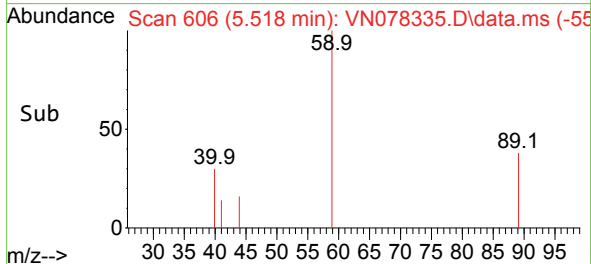
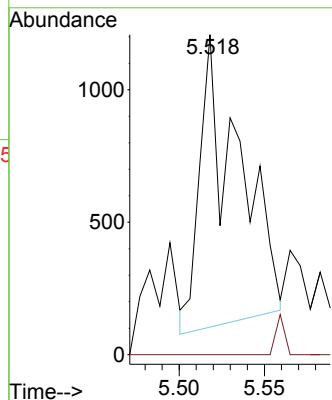
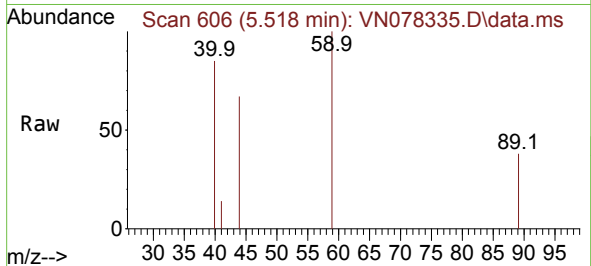




#11  
Tert butyl alcohol  
Concen: 2.057 ug/l  
RT: 5.518 min Scan# 609  
Delta R.T. -0.018 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

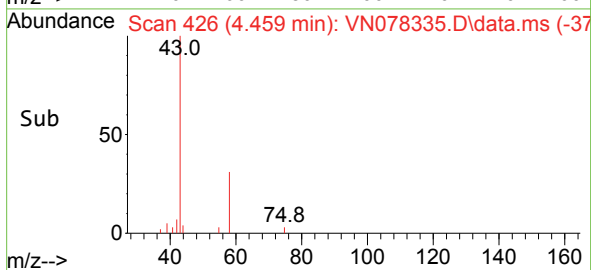
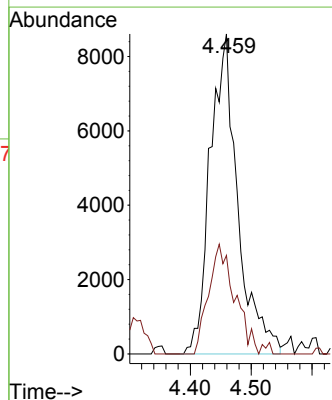
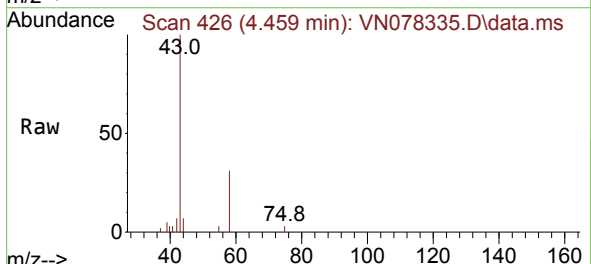
Instrument :  
MSVOA\_N  
ClientSampleId :

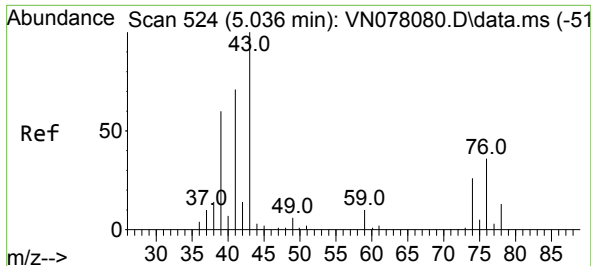
Tgt Ion: 59 Resp: 1744  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 15.353 ug/l  
RT: 4.459 min Scan# 426  
Delta R.T. 0.024 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 43 Resp: 27130  
Ion Ratio Lower Upper  
43 100  
58 30.8 28.0 42.0

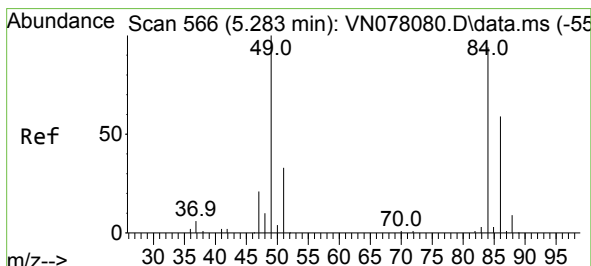
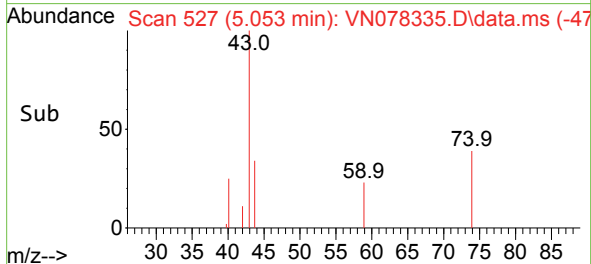
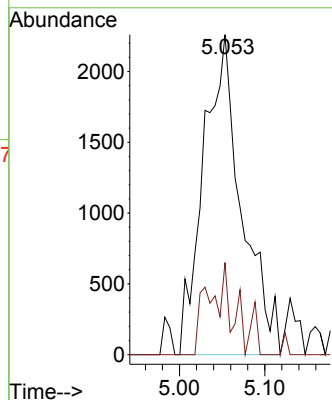
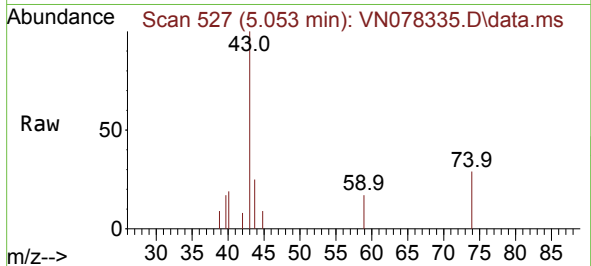




#18  
Methyl Acetate  
Concen: 0.865 ug/l  
RT: 5.053 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

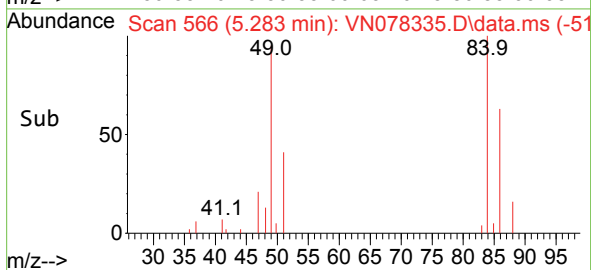
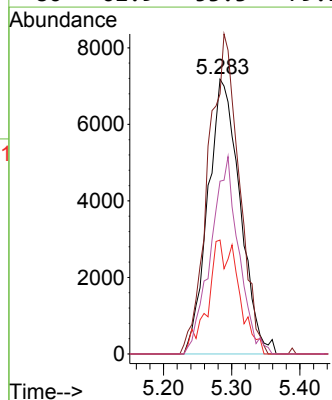
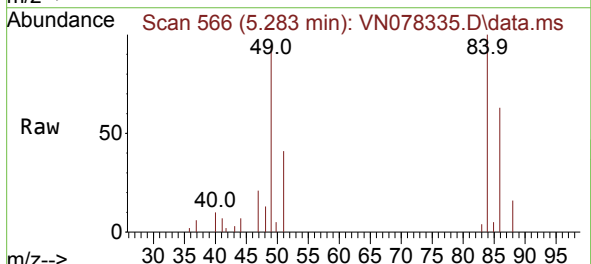
Instrument :  
MSVOA\_N  
ClientSampleId :

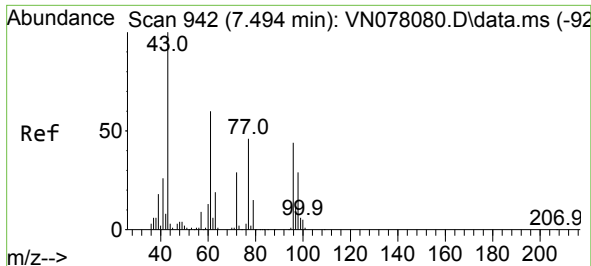
Tgt Ion: 43 Resp: 7041  
Ion Ratio Lower Upper  
43 100  
74 0.0 26.2 39.4#



#20  
Methylene Chloride  
Concen: 4.033 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 84 Resp: 23549  
Ion Ratio Lower Upper  
84 100  
49 94.7 79.7 119.5  
51 41.5 25.2 37.8#  
86 62.9 53.3 79.9

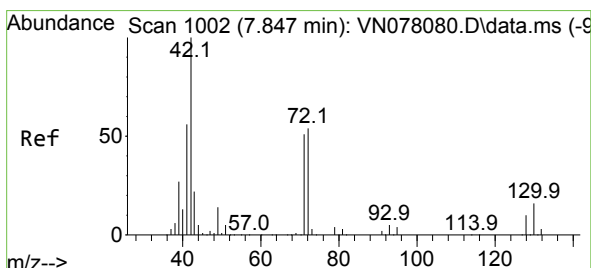
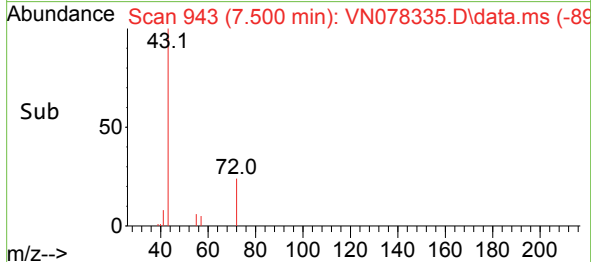
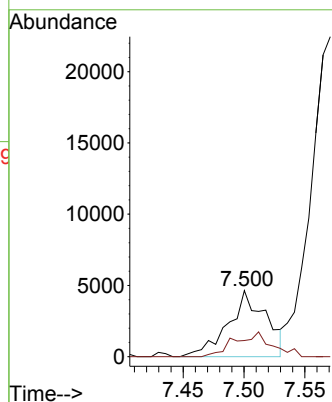
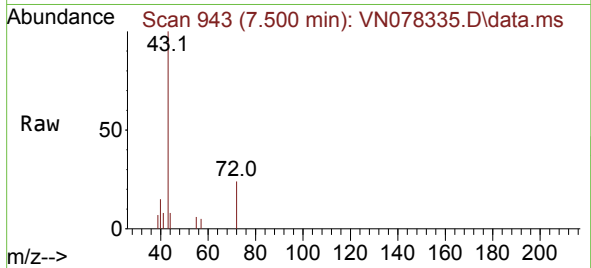




#25  
2-Butanone  
Concen: 3.676 ug/l  
RT: 7.500 min Scan# 94  
Delta R.T. 0.006 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

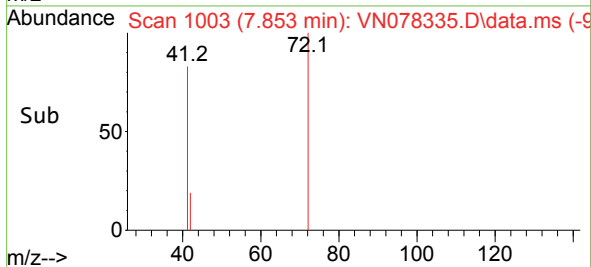
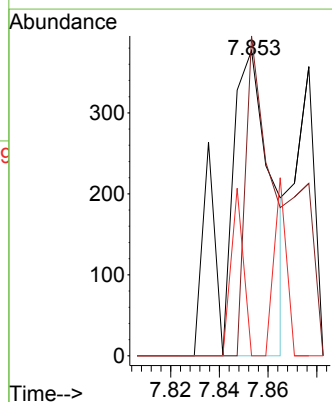
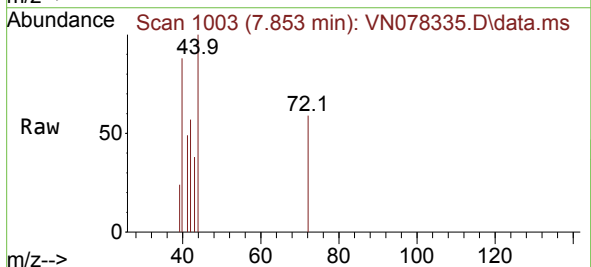
Instrument :  
MSVOA\_N  
ClientSampleId :

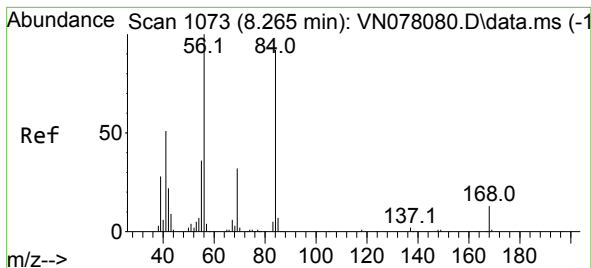
Tgt Ion: 43 Resp: 9988  
Ion Ratio Lower Upper  
43 100  
72 24.4 30.2 45.2#



#29  
Tetrahydrofuran  
Concen: 0.272 ug/l  
RT: 7.853 min Scan# 1003  
Delta R.T. 0.006 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 42 Resp: 494  
Ion Ratio Lower Upper  
42 100  
72 87.7 49.8 74.6#  
71 14.8 47.4 71.2#





#31

Cyclohexane

Concen: 1.504 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

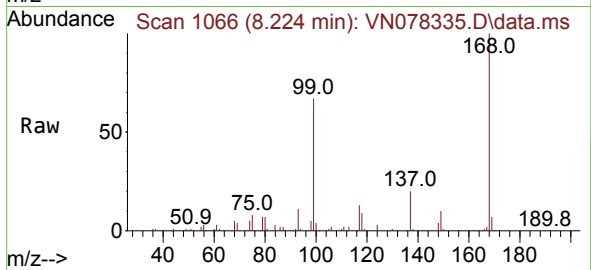
Lab File: VN078335.D

Acq: 21 Jun 2023 20:23

Instrument :

MSVOA\_N

ClientSampleId :



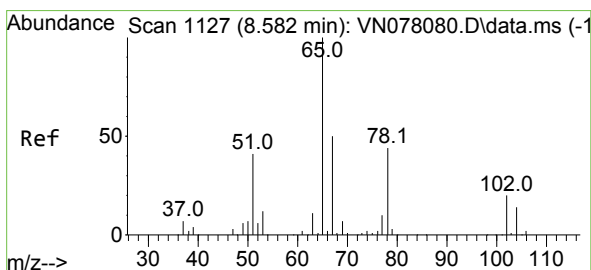
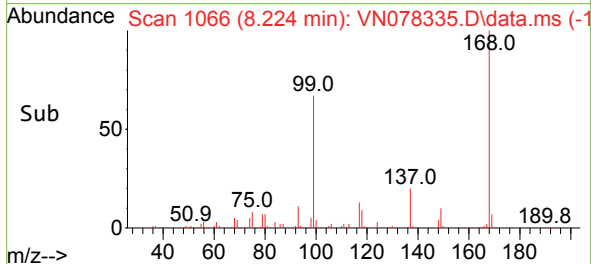
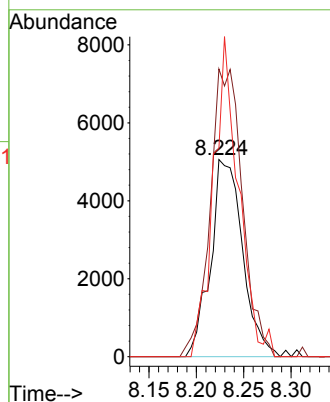
Tgt Ion: 56 Resp: 11847

Ion Ratio Lower Upper

56 100

69 145.9 26.8 40.2#

84 105.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 53.517 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078335.D

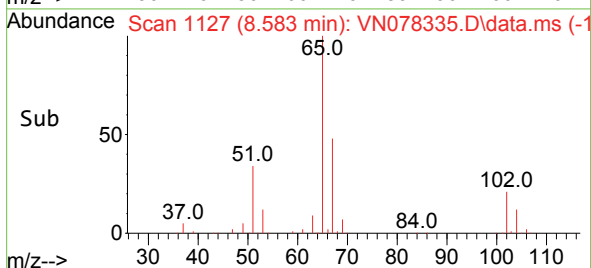
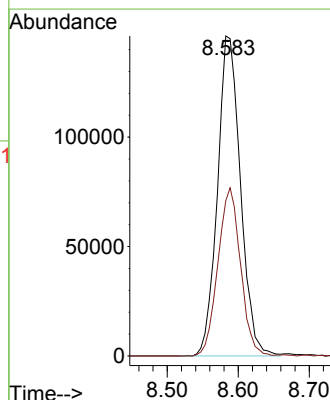
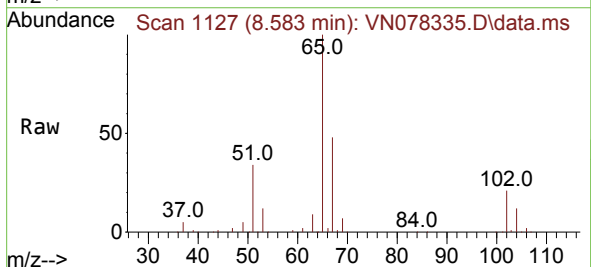
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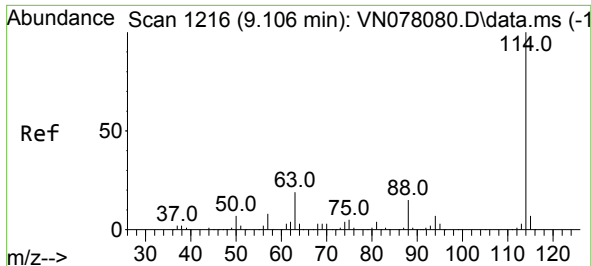
Tgt Ion: 65 Resp: 328551

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6

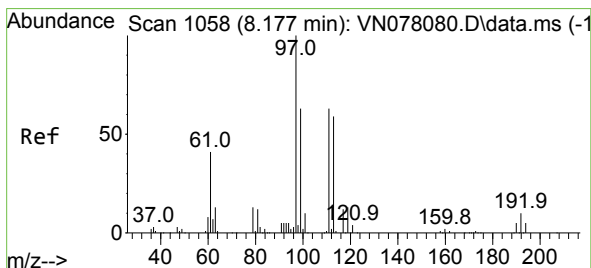
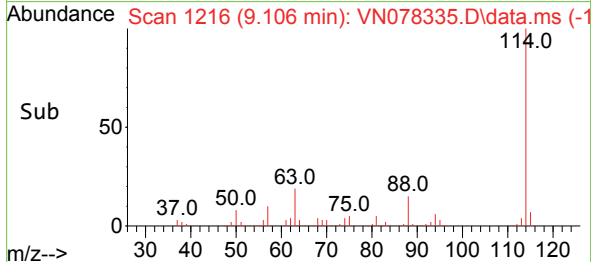
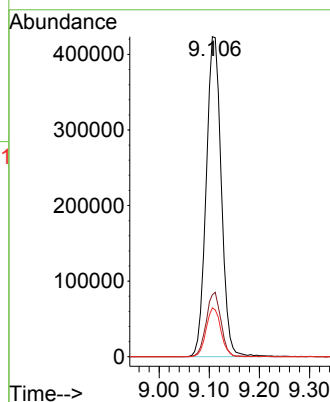
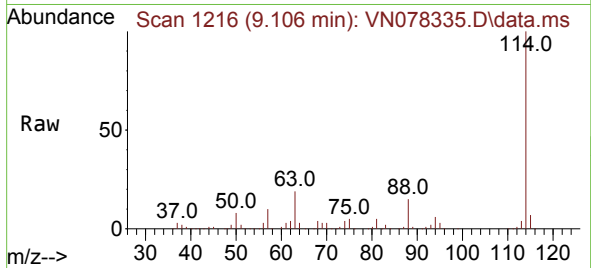




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

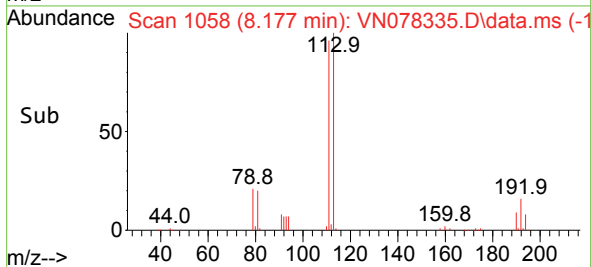
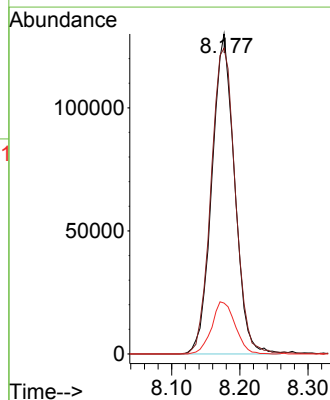
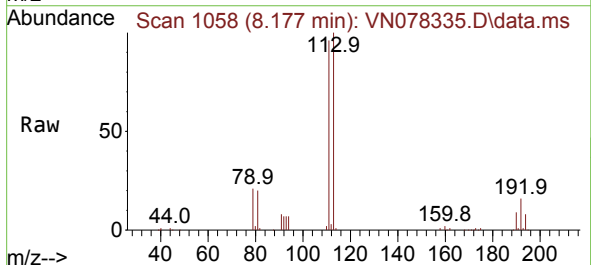
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion:114 Resp: 885624  
Ion Ratio Lower Upper  
114 100  
63 19.3 0.0 36.4  
88 15.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 53.684 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion:113 Resp: 300615  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.6 123.8  
192 16.9 12.7 19.1

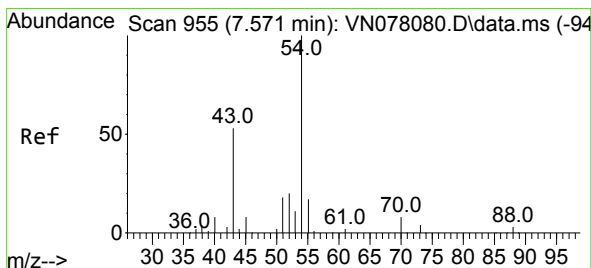
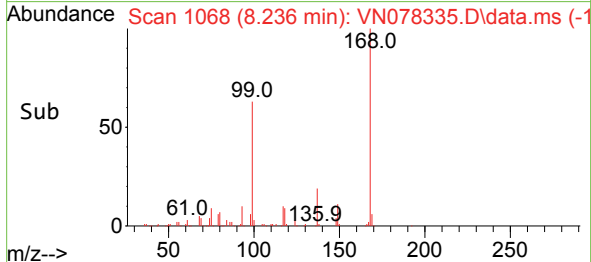
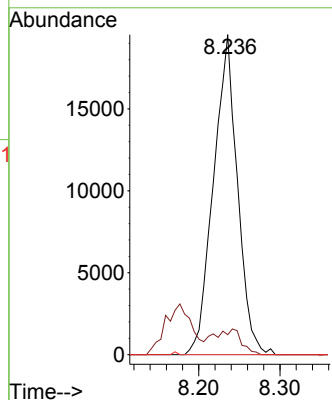
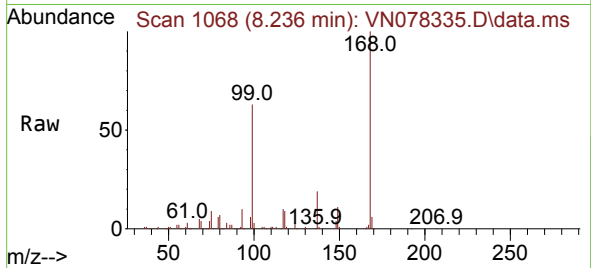




#36  
1,1-Dichloropropene  
Concen: 5.001 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.141 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

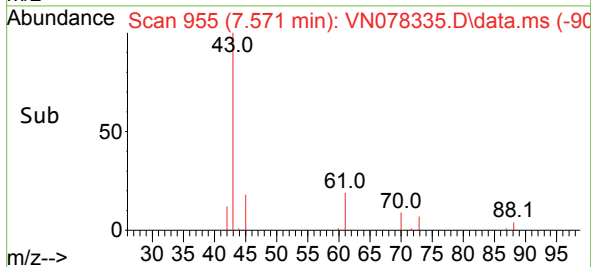
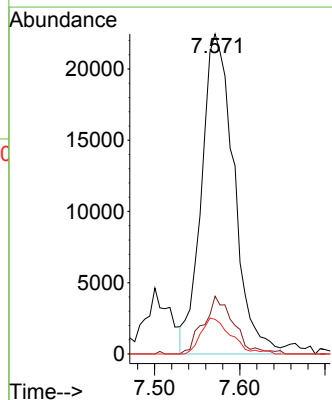
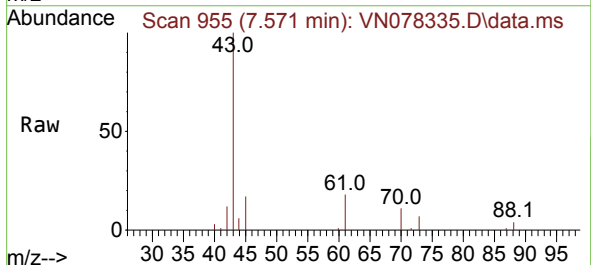
Instrument :  
MSVOA\_N  
ClientSampleId :

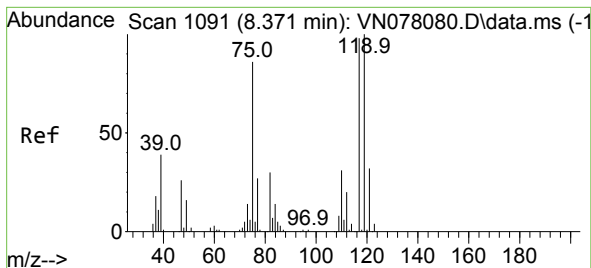
Tgt Ion: 75 Resp: 40169  
Ion Ratio Lower Upper  
75 100  
110 9.3 19.1 57.3#  
77 0.0 25.0 37.4#



#37  
Ethyl Acetate  
Concen: 9.457 ug/l  
RT: 7.571 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 43 Resp: 59338  
Ion Ratio Lower Upper  
43 100  
61 17.0 13.2 19.8  
70 10.5 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 6.038 ug/l

RT: 8.230 min Scan# 1106

Delta R.T. -0.141 min

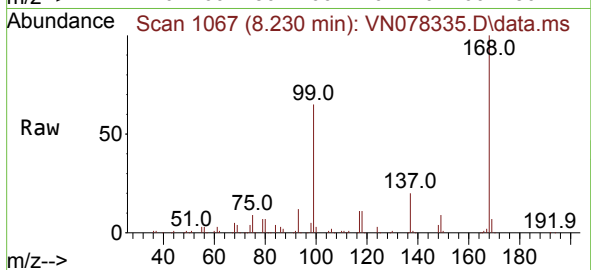
Lab File: VN078335.D

Acq: 21 Jun 2023 20:23

Instrument :

MSVOA\_N

ClientSampleId :



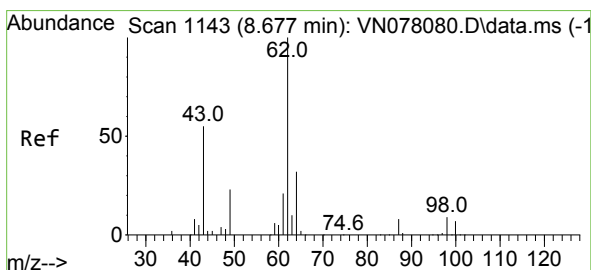
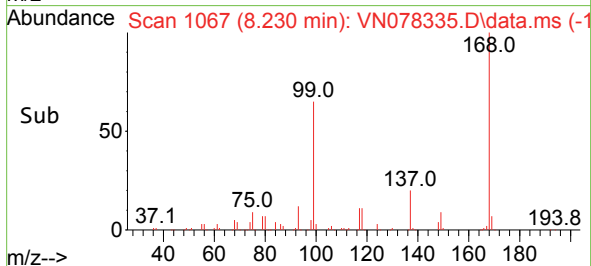
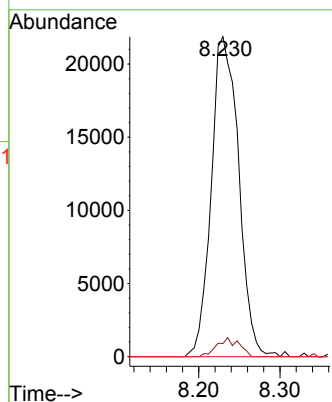
Tgt Ion:117 Resp: 51211

Ion Ratio Lower Upper

117 100

119 4.1 77.3 115.9#

121 0.0 23.3 34.9#



#42

1,2-Dichloroethane

Concen: 0.367 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.018 min

Lab File: VN078335.D

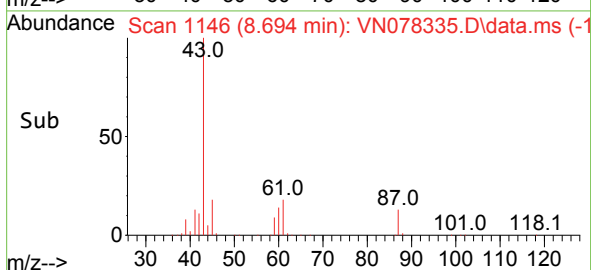
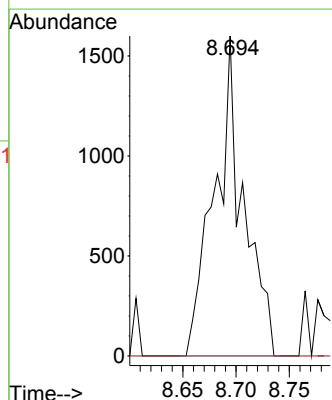
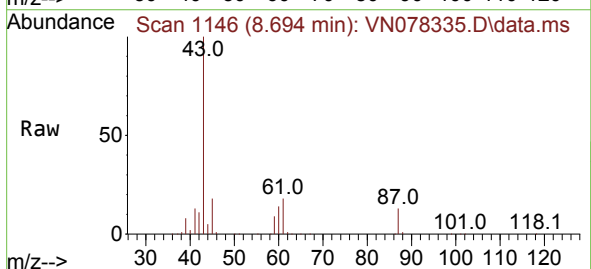
Acq: 21 Jun 2023 20:23

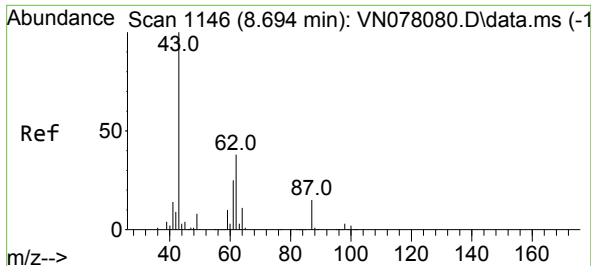
Tgt Ion: 62 Resp: 3020

Ion Ratio Lower Upper

62 100

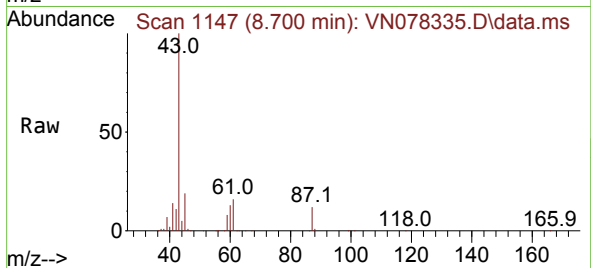
98 0.0 0.0 19.8



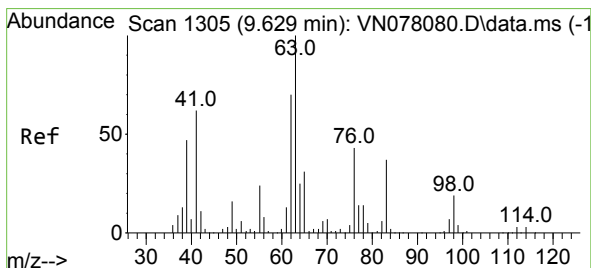
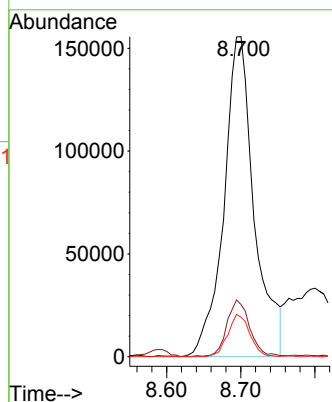
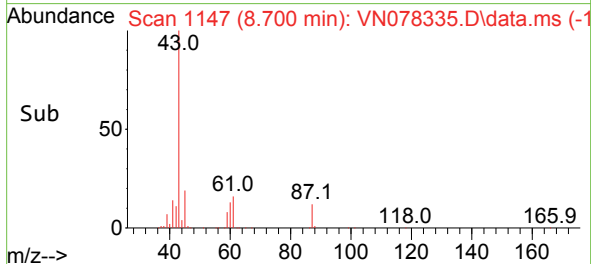


#43  
Isopropyl Acetate  
Concen: 36.907 ug/l  
RT: 8.700 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

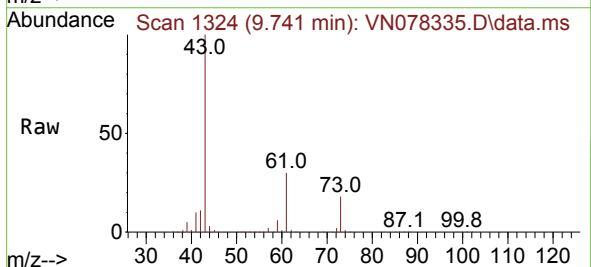
Instrument :  
MSVOA\_N  
ClientSampleId :



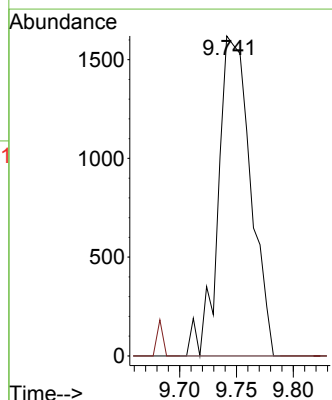
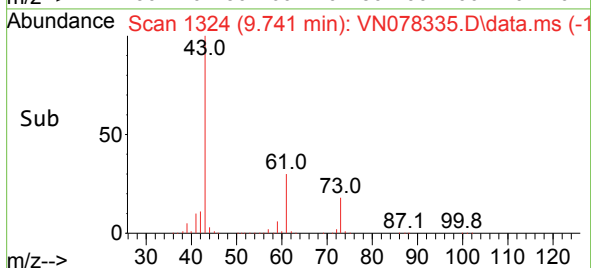
Tgt Ion: 43 Resp: 442889  
Ion Ratio Lower Upper  
43 100  
61 13.1 24.7 37.1#  
87 9.6 14.6 21.8#

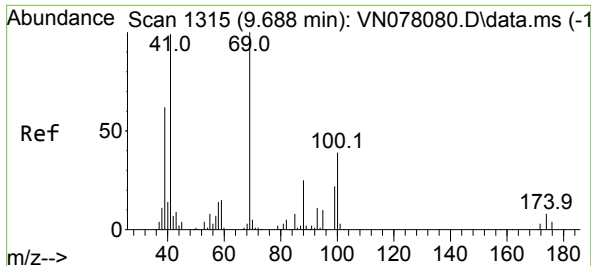


#45  
1,2-Dichloropropane  
Concen: 0.537 ug/l  
RT: 9.741 min Scan# 1324  
Delta R.T. 0.112 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23



Tgt Ion: 63 Resp: 3206  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#

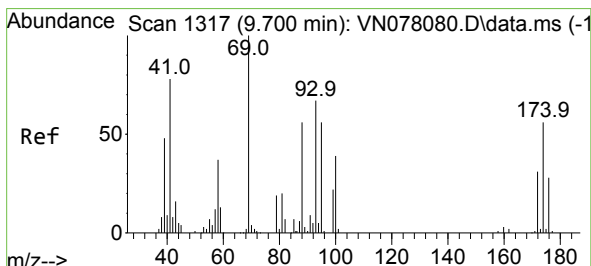
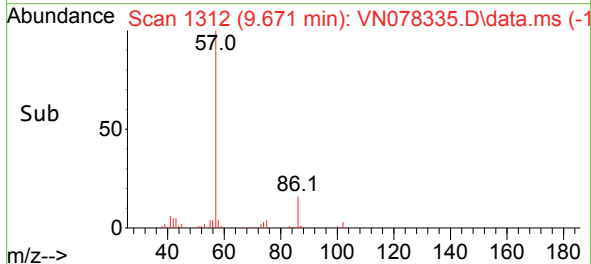
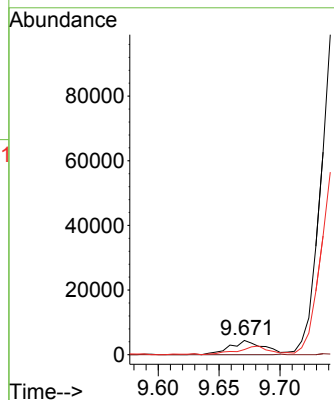
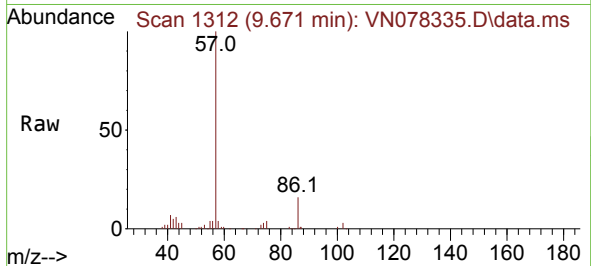




#48  
Methyl methacrylate  
Concen: 1.675 ug/l  
RT: 9.671 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

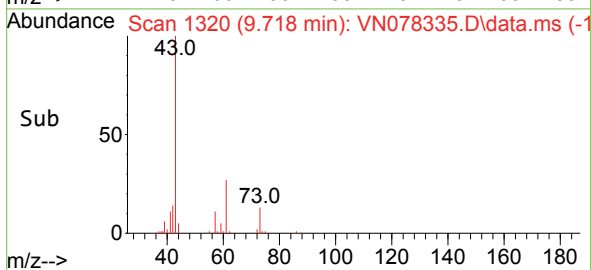
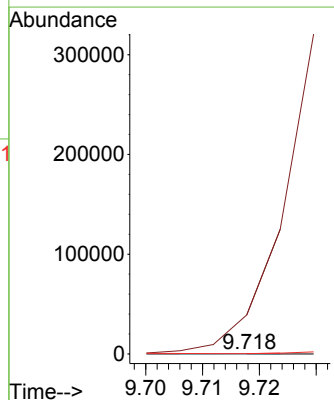
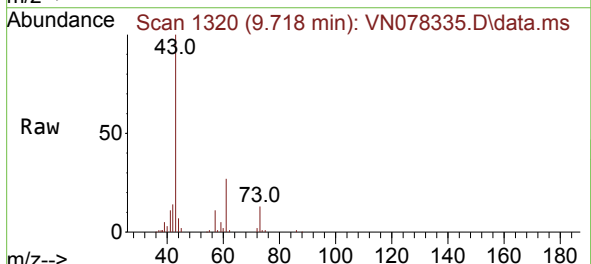
Instrument :  
MSVOA\_N  
ClientSampleId :

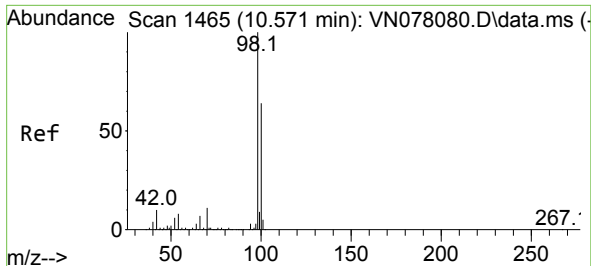
Tgt Ion: 41 Resp: 8437  
Ion Ratio Lower Upper  
41 100  
69 0.0 90.4 135.6#  
39 54.7 54.6 81.8



#49  
1,4-Dioxane  
Concen: 0.624 ug/l  
RT: 9.718 min Scan# 1320  
Delta R.T. 0.018 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 88 Resp: 66  
Ion Ratio Lower Upper  
88 100  
43 0.0 17.0 25.6#  
58 0.0 47.0 70.4#

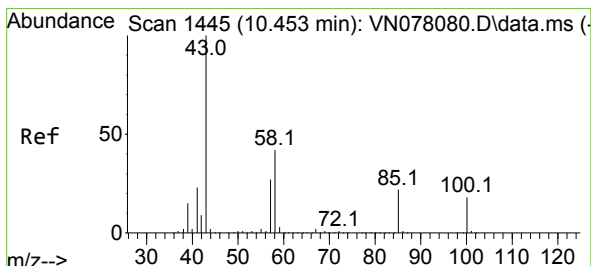
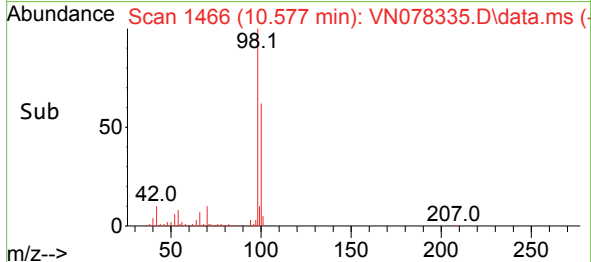
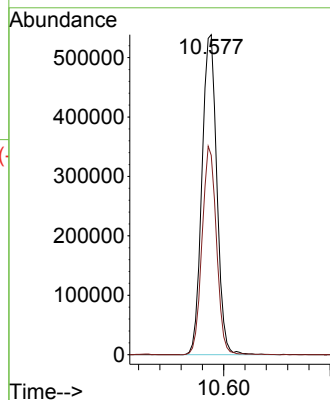
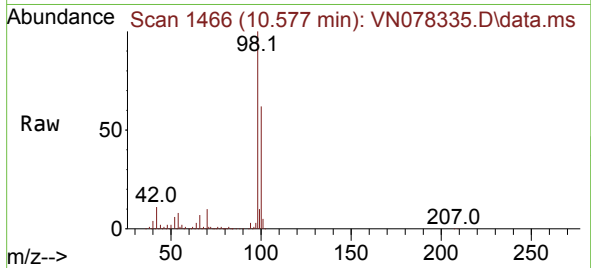




#50  
Toluene-d8  
Concen: 48.307 ug/l  
RT: 10.577 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

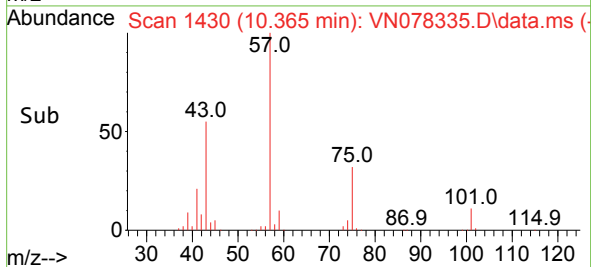
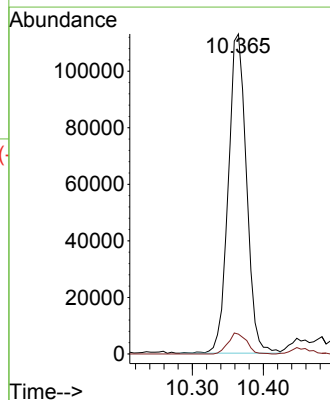
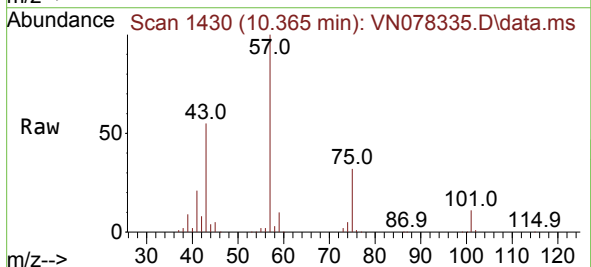
Instrument :  
MSVOA\_N  
ClientSampleId :

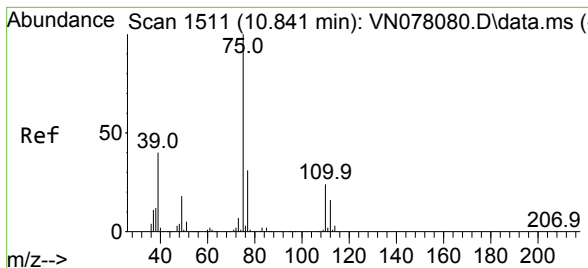
Tgt Ion: 98 Resp: 1042811  
Ion Ratio Lower Upper  
98 100  
100 62.9 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 31.818 ug/l  
RT: 10.365 min Scan# 1430  
Delta R.T. -0.088 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 43 Resp: 201058  
Ion Ratio Lower Upper  
43 100  
58 6.7 36.6 54.8#

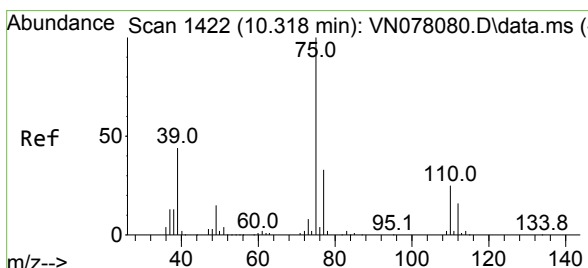
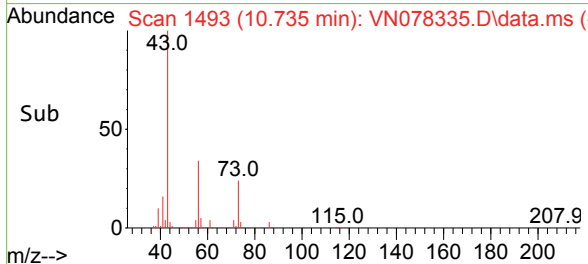
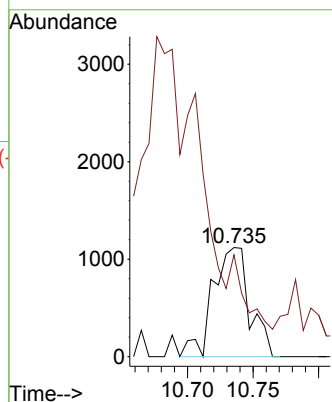
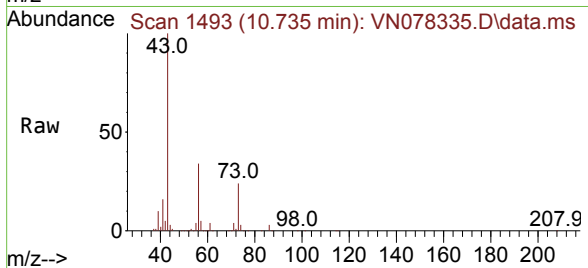




#53  
t-1,3-Dichloropropene  
Concen: 0.257 ug/l  
RT: 10.735 min Scan# 1493  
Delta R.T. -0.106 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

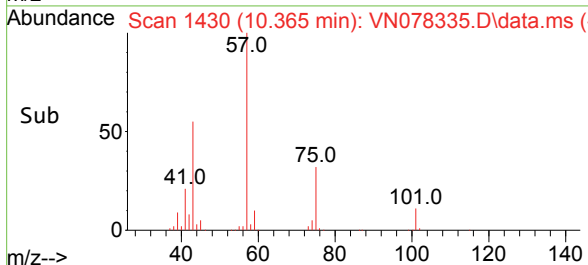
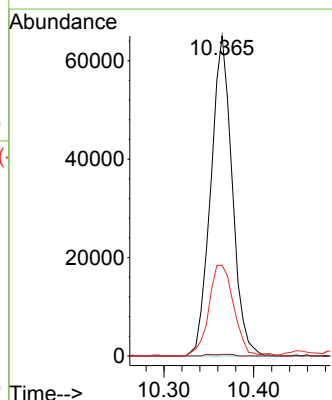
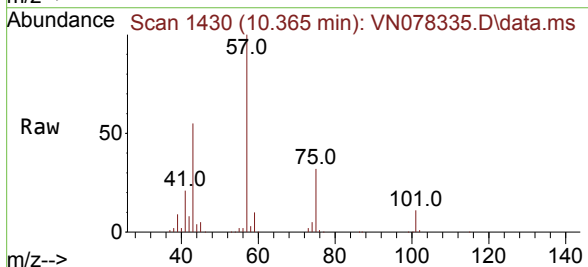
Instrument :  
MSVOA\_N  
ClientSampleId :

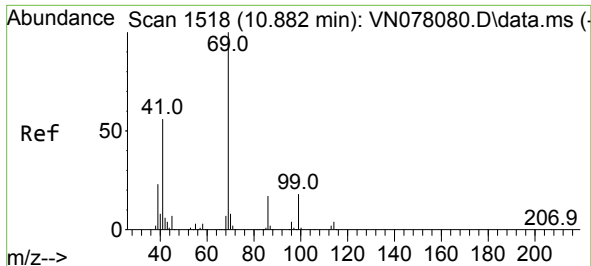
Tgt Ion: 75 Resp: 2185  
Ion Ratio Lower Upper  
75 100  
77 56.1 25.4 38.0#



#54  
cis-1,3-Dichloropropene  
Concen: 11.446 ug/l  
RT: 10.365 min Scan# 1430  
Delta R.T. 0.047 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 75 Resp: 107564  
Ion Ratio Lower Upper  
75 100  
77 0.5 26.1 39.1#  
39 28.3 31.6 47.4#

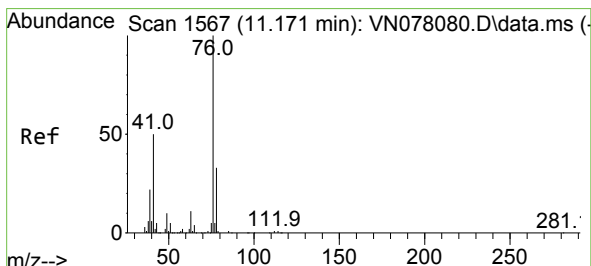
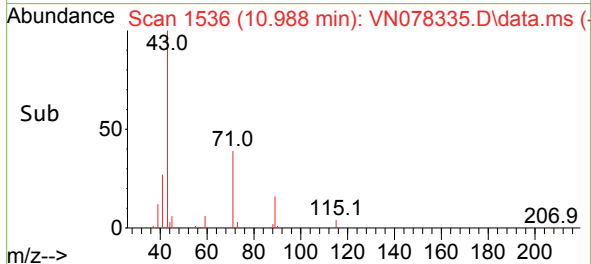
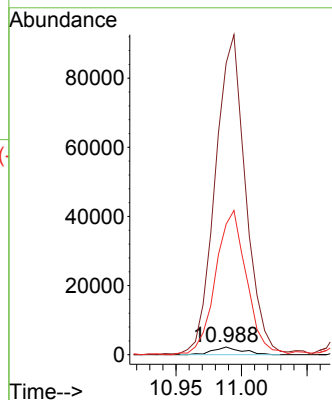
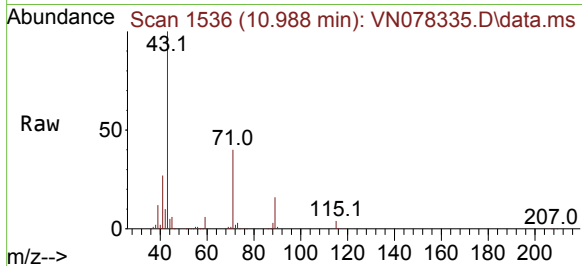




#56  
Ethyl methacrylate  
Concen: 0.414 ug/l  
RT: 10.988 min Scan# 1536  
Delta R.T. 0.106 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

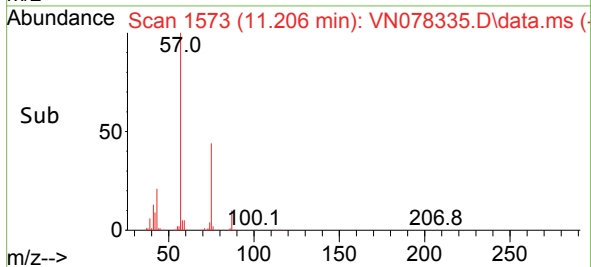
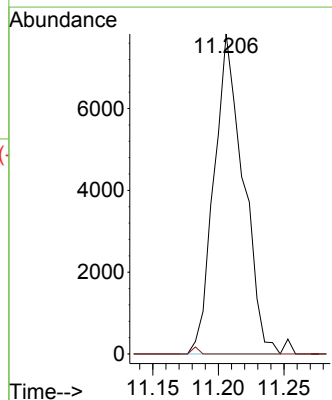
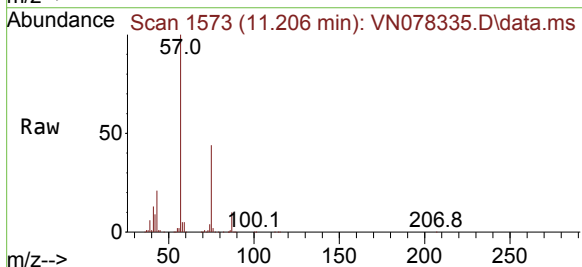
Instrument :  
MSVOA\_N  
ClientSampleId :

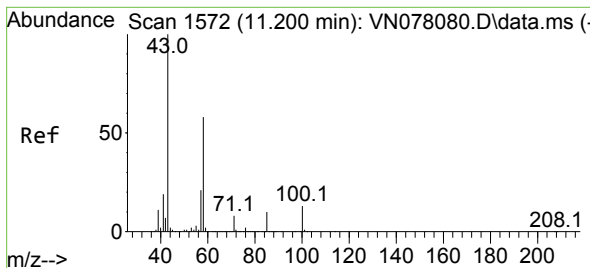
Tgt Ion: 69 Resp: 3450  
Ion Ratio Lower Upper  
69 100  
41 4326.1 39.6 59.4#  
39 1983.5 28.6 43.0#



#57  
1,3-Dichloropropane  
Concen: 1.254 ug/l  
RT: 11.206 min Scan# 1573  
Delta R.T. 0.035 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 76 Resp: 12125  
Ion Ratio Lower Upper  
76 100  
78 0.0 26.1 39.1#

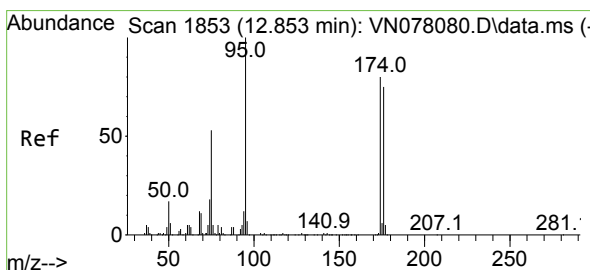
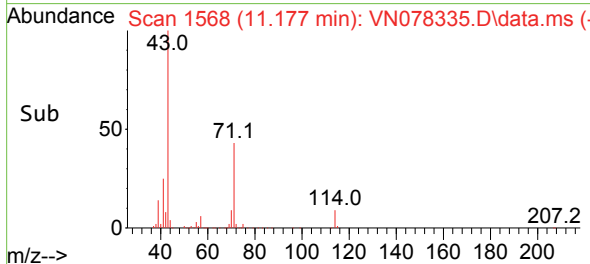
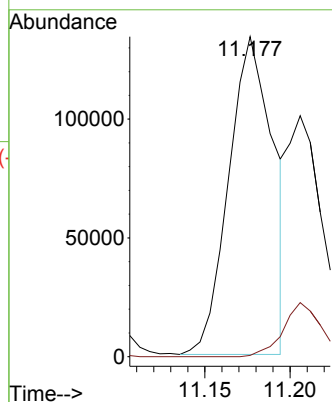
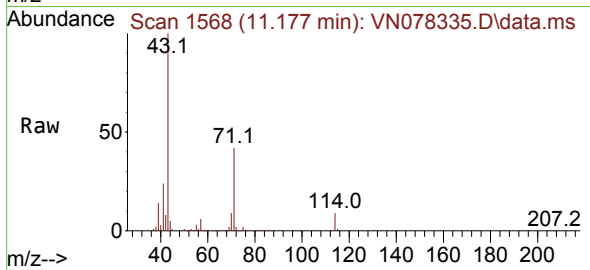




#59  
2-Hexanone  
Concen: 55.000 ug/l  
RT: 11.177 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

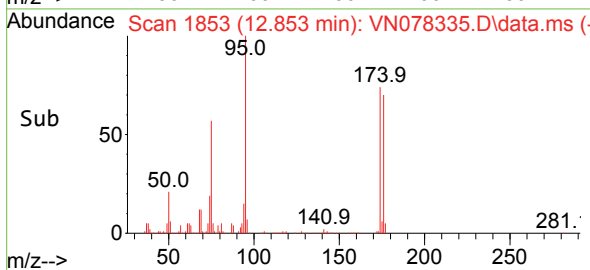
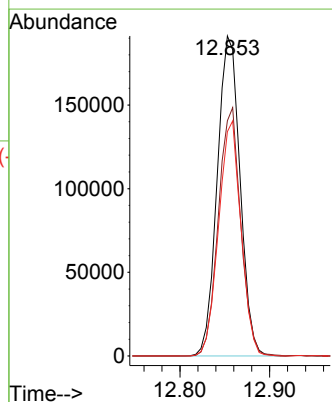
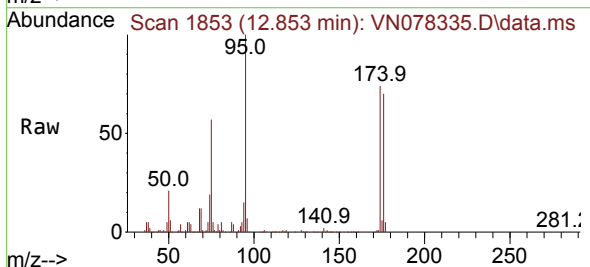
Instrument :  
MSVOA\_N  
ClientSampleId :

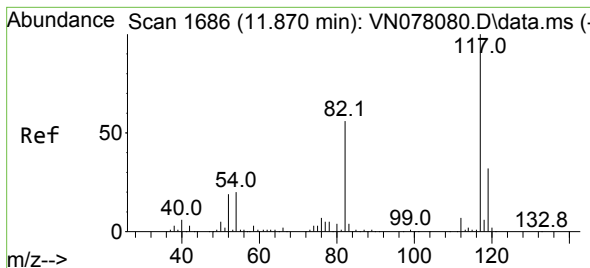
Tgt Ion: 43 Resp: 241994  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 95.1#



#62  
4-Bromofluorobenzene  
Concen: 50.287 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

Tgt Ion: 95 Resp: 337475  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 143.8  
176 72.1 0.0 135.8

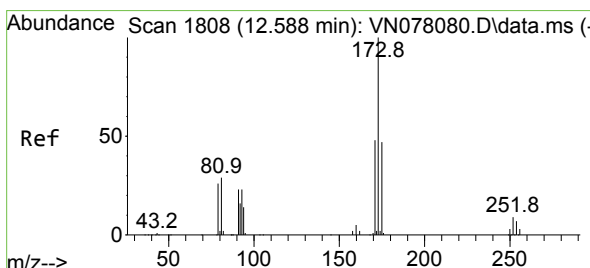
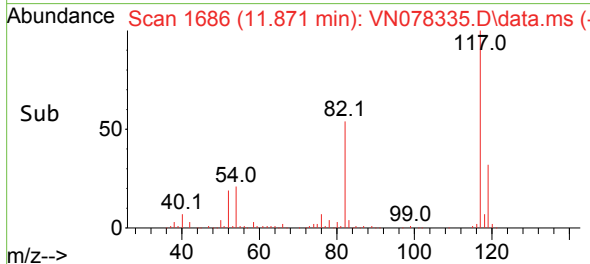
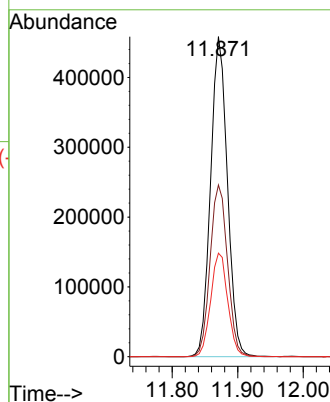
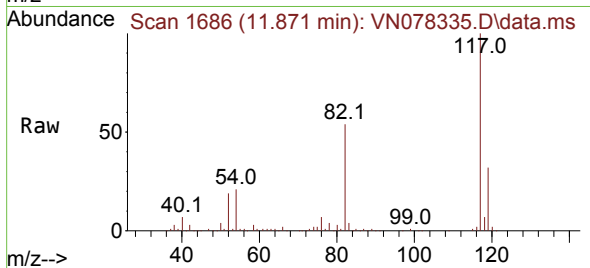




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

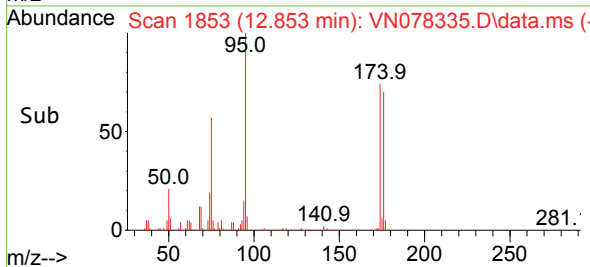
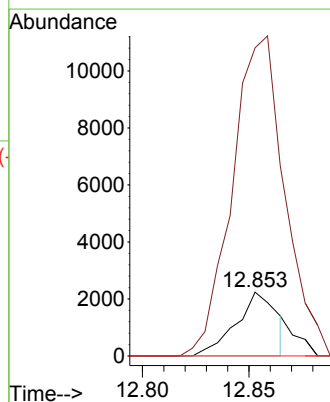
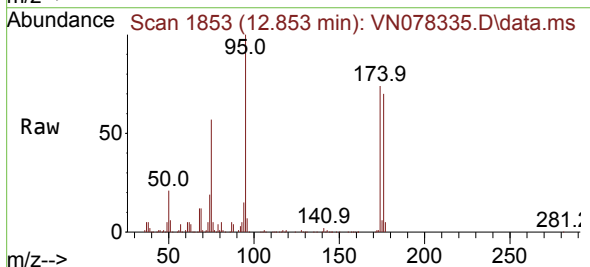
Instrument :  
MSVOA\_N  
ClientSampleId :

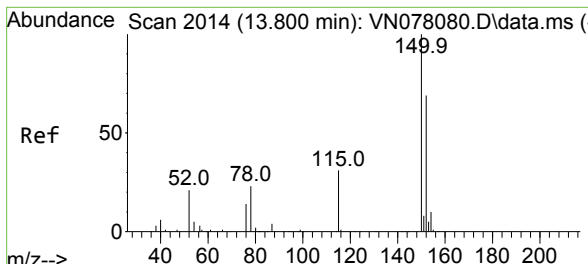
Tgt Ion:117 Resp: 816968  
Ion Ratio Lower Upper  
117 100  
82 53.7 44.0 66.0  
119 32.3 25.6 38.4



#71  
Bromoform  
Concen: 0.720 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.265 min  
Lab File: VN078335.D  
Acq: 21 Jun 2023 20:23

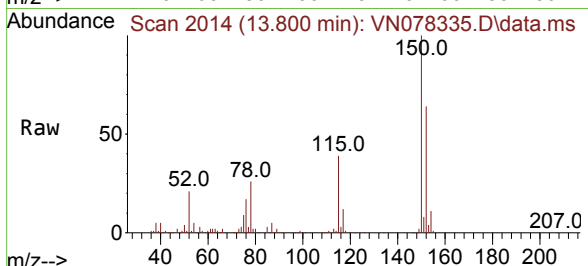
Tgt Ion:173 Resp: 2988  
Ion Ratio Lower Upper  
173 100  
175 561.5 24.3 73.0#  
254 0.0 0.0 0.0





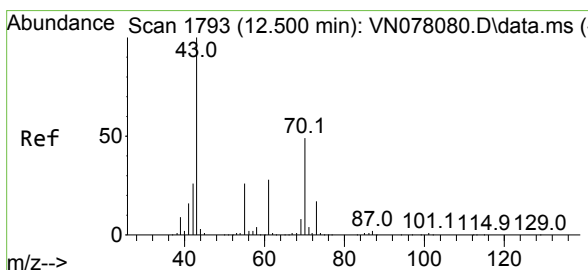
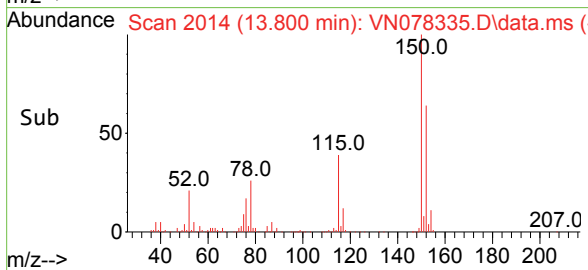
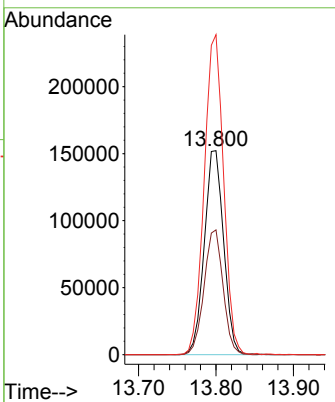
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.800 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN078335.D  
 Acq: 21 Jun 2023 20:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :



Tgt Ion:152 Resp: 263956

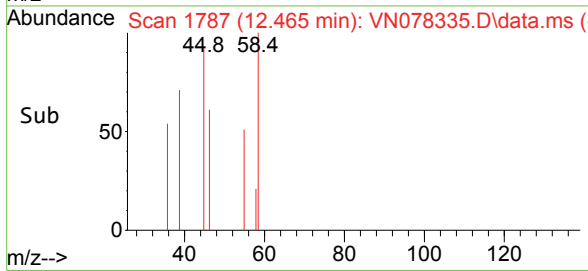
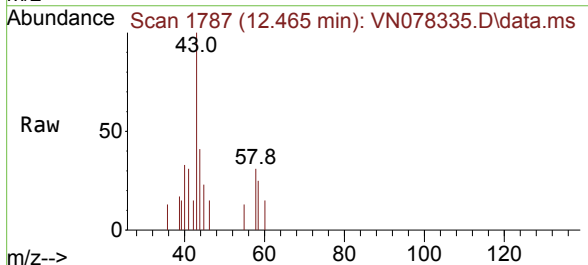
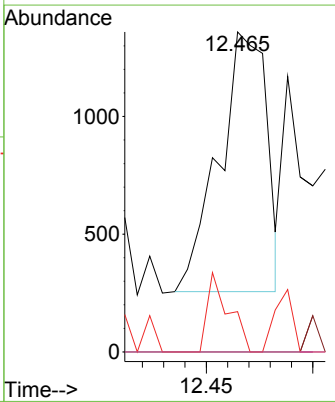
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 60.1  | 32.3  | 96.8  |
| 150 | 157.1 | 0.0   | 355.8 |

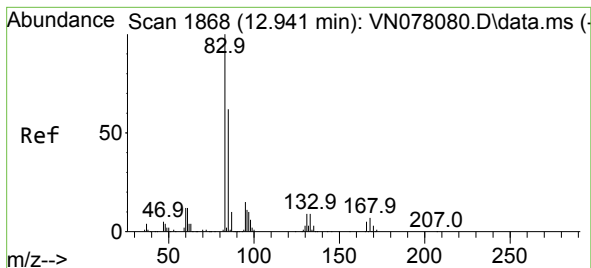


#74  
 N-ethyl acetate  
 Concen: 0.209 ug/l  
 RT: 12.465 min Scan# 1787  
 Delta R.T. -0.035 min  
 Lab File: VN078335.D  
 Acq: 21 Jun 2023 20:23

Tgt Ion: 43 Resp: 1721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 0.0   | 43.4  | 65.2# |
| 55  | 13.7  | 21.4  | 32.0# |
| 61  | 0.0   | 22.8  | 34.2# |





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN078335.D

Acq: 21 Jun 2023 20:23

Instrument :

MSVOA\_N

ClientSampleId :

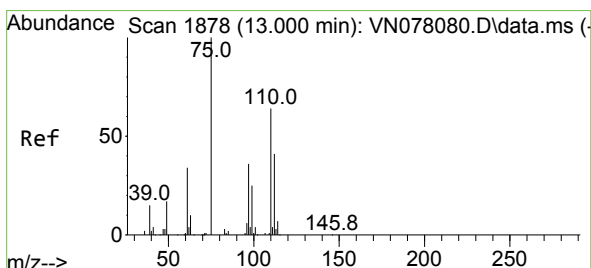
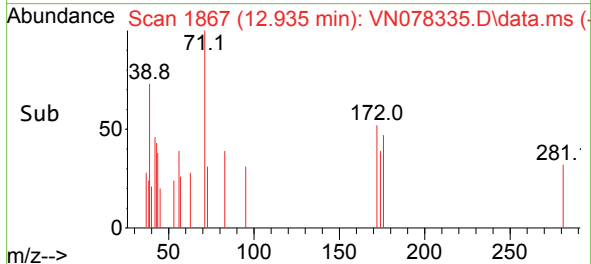
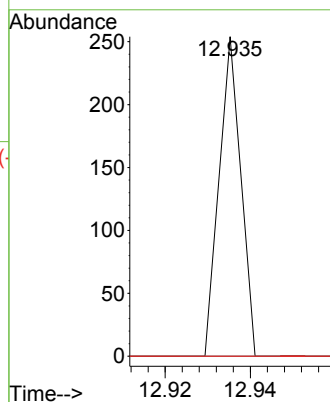
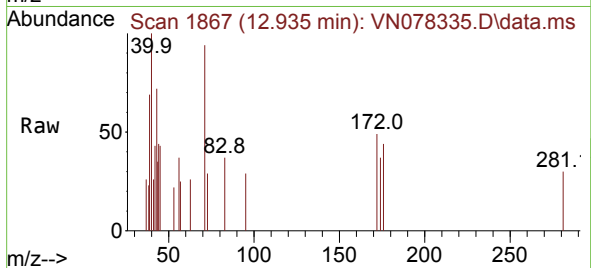
Tgt Ion: 83 Resp: 90

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 29.247 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078335.D

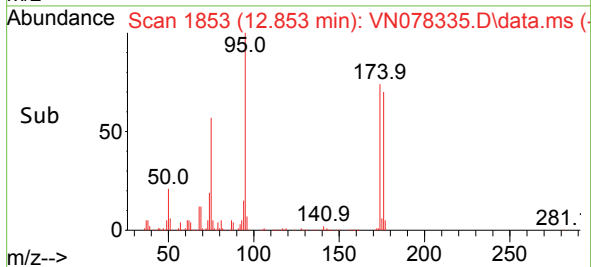
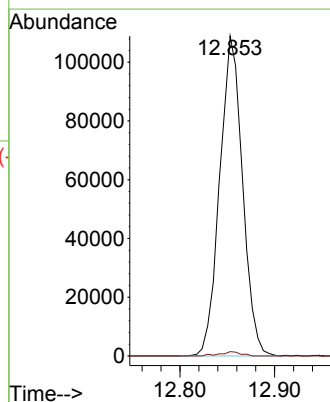
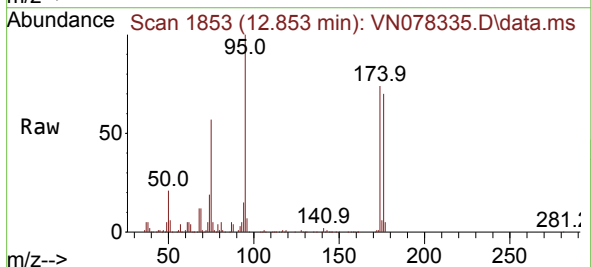
Acq: 21 Jun 2023 20:23

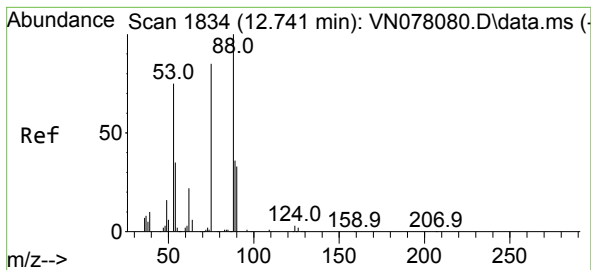
Tgt Ion: 75 Resp: 182500

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 89.855 ug/l  
 RT: 12.853 min Scan# 11  
 Delta R.T. 0.112 min  
 Lab File: VN078335.D  
 Acq: 21 Jun 2023 20:23

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion: 75 Resp: 182500  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 67.4 101.2#  
 89 0.0 38.8 58.2#

