

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020724\  
 Data File : VN080934.D  
 Acq On : 07 Feb 2024 14:03  
 Operator : JC\MD  
 Sample : P1362-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 WC-1

Quant Time: Feb 08 00:25:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 07 06:22:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|--------|-----------|
| -----                         |        |       |          |           |        |           |
| Internal Standards            |        |       |          |           |        |           |
| 1) Pentafluorobenzene         | 8.224  | 168   | 456597   | 50.000    | ug/l   | # 0.00    |
| 34) 1,4-Difluorobenzene       | 9.100  | 114   | 941928   | 50.000    | ug/l   | 0.00      |
| 63) Chlorobenzene-d5          | 11.871 | 117   | 1062730  | 50.000    | ug/l   | # 0.00    |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 476195   | 50.000    | ug/l   | 0.00      |
| System Monitoring Compounds   |        |       |          |           |        |           |
| 33) 1,2-Dichloroethane-d4     | 8.577  | 65    | 269091   | 46.717    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 93.440%   |
| 35) Dibromofluoromethane      | 8.165  | 113   | 265283   | 52.486    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 104.980%  |
| 50) Toluene-d8                | 10.565 | 98    | 999793   | 54.687    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 109.380%  |
| 62) 4-Bromofluorobenzene      | 12.847 | 95    | 414066   | 62.346    | ug/l   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 124.700%# |
| Target Compounds              |        |       |          |           |        |           |
|                               |        |       |          |           | Qvalue |           |
| 3) Chloromethane              | 2.360  | 50    | 5154     | Below Cal | #      | 85        |
| 5) Bromomethane               | 2.977  | 94    | 3335     | 0.767     | ug/l # | 53        |
| 10) Methyl Iodide             | 4.589  | 142   | 1494     | 0.310     | ug/l # | 76        |
| 11) Tert butyl alcohol        | 5.495  | 59    | 1073     | 1.352     | ug/l # | 72        |
| 13) Acrolein                  | 4.177  | 56    | 952      | 0.952     | ug/l   | 100       |
| 15) Acrylonitrile             | 5.706  | 53    | 518      | 0.239     | ug/l # | 62        |
| 16) Acetone                   | 4.424  | 43    | 34541    | 18.227    | ug/l   | 92        |
| 17) Carbon Disulfide          | 4.706  | 76    | 4770     | 0.386     | ug/l # | 87        |
| 18) Methyl Acetate            | 5.018  | 43    | 6149     | Below Cal | #      | 84        |
| 20) Methylene Chloride        | 5.277  | 84    | 25061    | 4.365     | ug/l # | 72        |
| 25) 2-Butanone                | 7.489  | 43    | 14269    | 4.691     | ug/l # | 73        |
| 29) Tetrahydrofuran           | 7.847  | 42    | 2379     | 1.279     | ug/l   | 96        |
| 31) Cyclohexane               | 8.230  | 56    | 10099    | 1.283     | ug/l # | 1         |
| 36) 1,1-Dichloropropene       | 8.236  | 75    | 34547    | 4.595     | ug/l # | 53        |
| 37) Ethyl Acetate             | 7.559  | 43    | 10971    | 1.928     | ug/l # | 90        |
| 38) Carbon Tetrachloride      | 8.224  | 117   | 48602    | 6.305     | ug/l # | 19        |
| 42) 1,2-Dichloroethane        | 8.683  | 62    | 2571     | 0.323     | ug/l # | 75        |
| 43) Isopropyl Acetate         | 8.688  | 43    | 320551   | 30.639    | ug/l # | 91        |
| 45) 1,2-Dichloropropane       | 9.741  | 63    | 4594     | 0.744     | ug/l # | 42        |
| 48) Methyl methacrylate       | 9.665  | 41    | 8647     | 1.467     | ug/l # | 48        |
| 49) 1,4-Dioxane               | 9.706  | 88    | 387      | 3.556     | ug/l # | 18        |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43    | 14941    | 2.370     | ug/l   | 99        |
| 52) Toluene                   | 10.630 | 92    | 4981     | 0.325     | ug/l   | 95        |
| 54) cis-1,3-Dichloropropene   | 10.359 | 75    | 124138   | 12.796    | ug/l # | 58        |
| 56) Ethyl methacrylate        | 10.988 | 69    | 2720     | 0.384     | ug/l # | 1         |
| 57) 1,3-Dichloropropane       | 11.200 | 76    | 14536    | 1.512     | ug/l # | 43        |
| 59) 2-Hexanone                | 11.200 | 43    | 167751   | 35.103    | ug/l # | 60        |
| 71) Bromoform                 | 12.847 | 173   | 2608     | 0.484     | ug/l # | 30        |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75    | 213863   | 22.026    | ug/l # | 1         |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75    | 213863   | 59.843    | ug/l # | 14        |
| 89) n-Butylbenzene            | 14.053 | 91    | 6200     | 0.241     | ug/l # | 87        |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180   | 3561     | 0.452     | ug/l   | 89        |
| 94) Hexachlorobutadiene       | 15.500 | 225   | 2417     | 0.707     | ug/l   | 91        |
| 95) Naphthalene               | 15.647 | 128   | 9643     | 0.370     | ug/l # | 83        |
| 96) 1,2,3-Trichlorobenzene    | 15.853 | 180   | 3881     | 0.500     | ug/l   | 77        |
| -----                         |        |       |          |           |        |           |

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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N020624W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 07 06:22:23 2024  
Response via : Initial Calibration

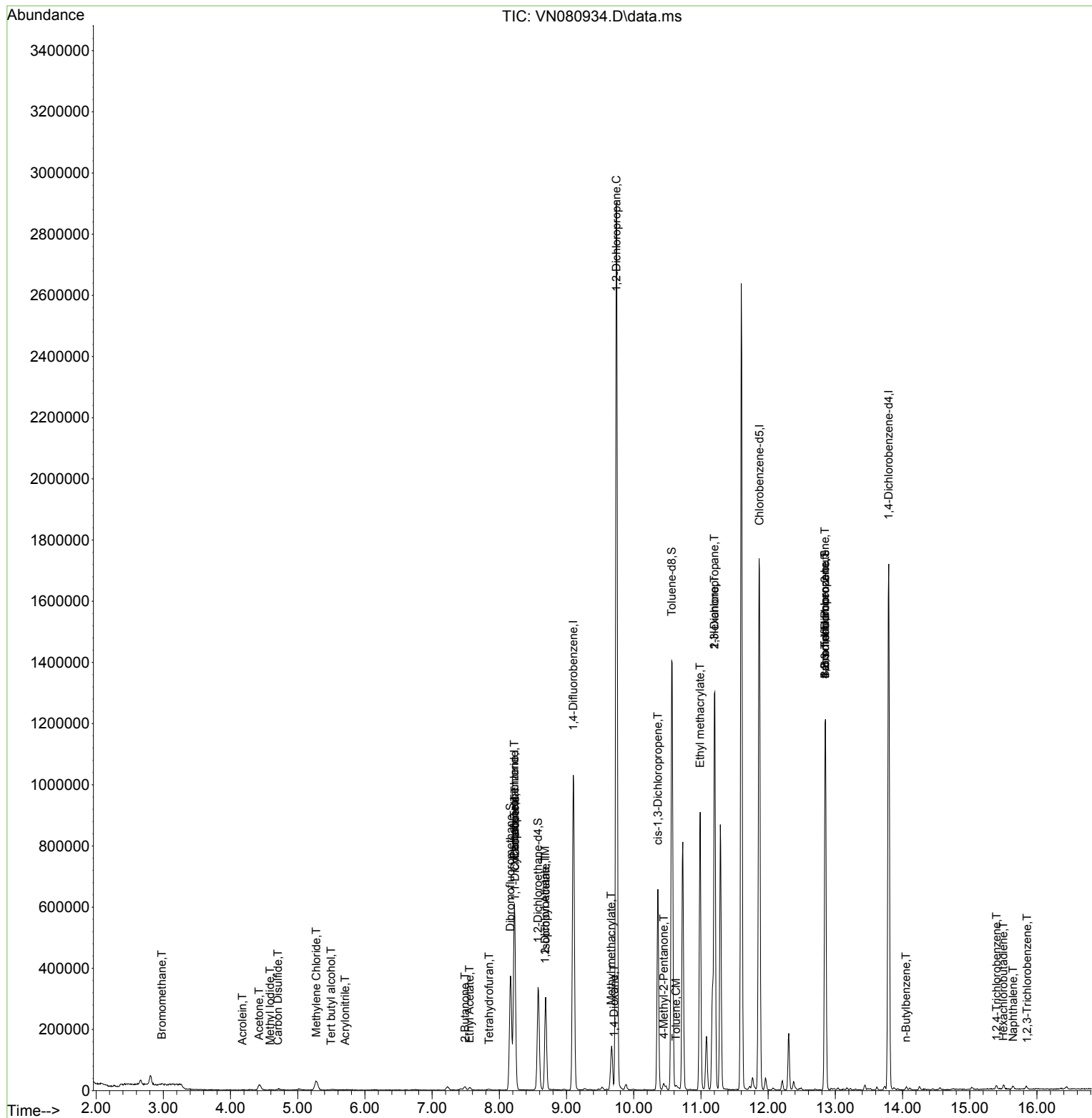
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

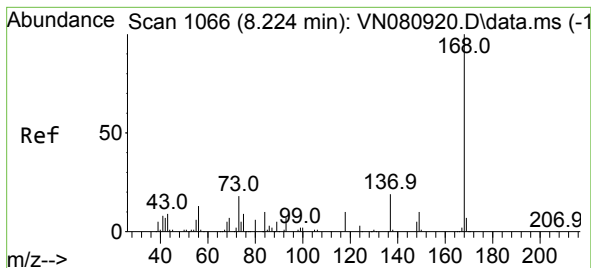
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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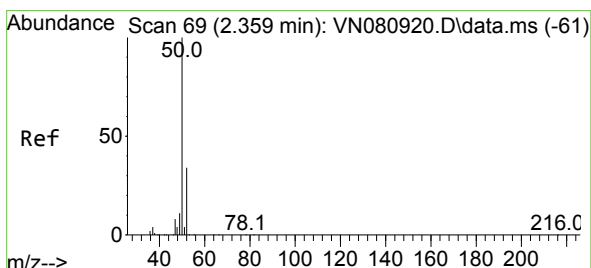
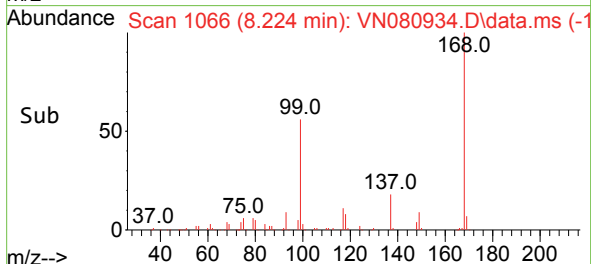
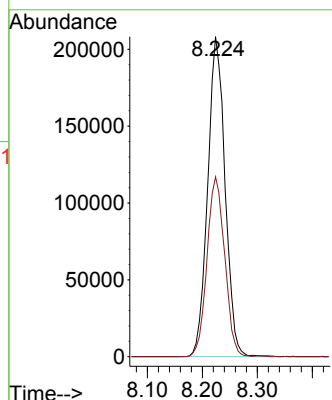
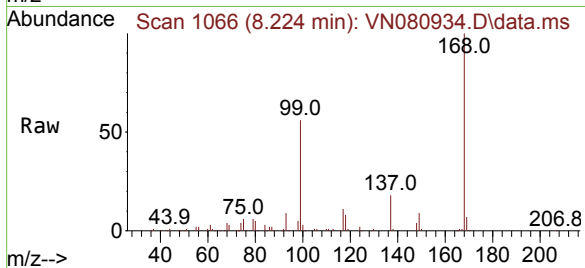
WC-1

Tgt Ion:168 Resp: 456597

Ion Ratio Lower Upper

168 100

99 56.2 59.9 89.9#



#3

Chloromethane

Concen: Below Cal

RT: 2.360 min Scan# 69

Delta R.T. 0.001 min

Lab File: VN080934.D

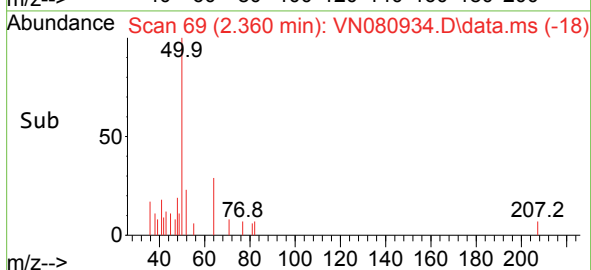
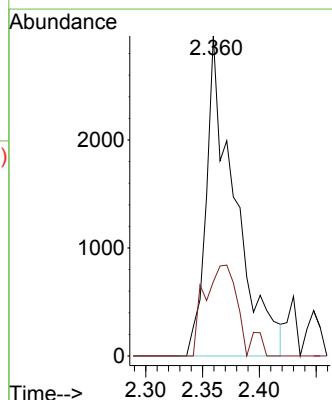
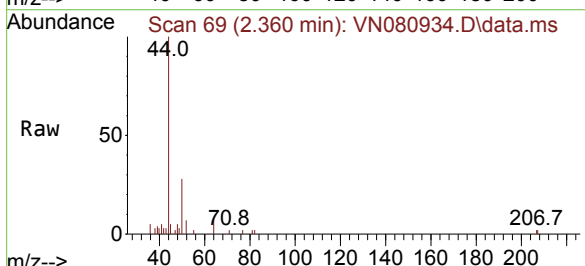
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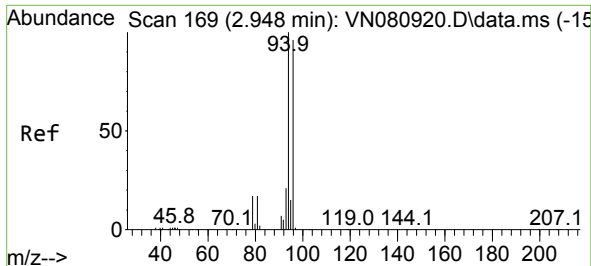
Tgt Ion: 50 Resp: 5154

Ion Ratio Lower Upper

50 100

52 23.2 25.0 37.4#

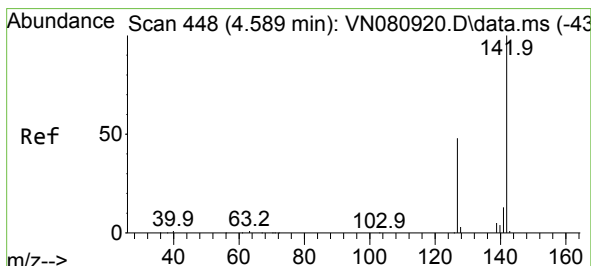
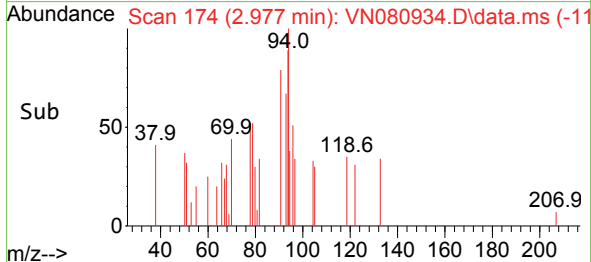
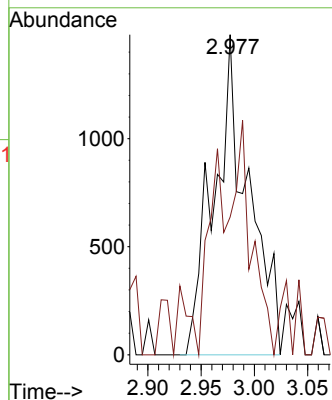
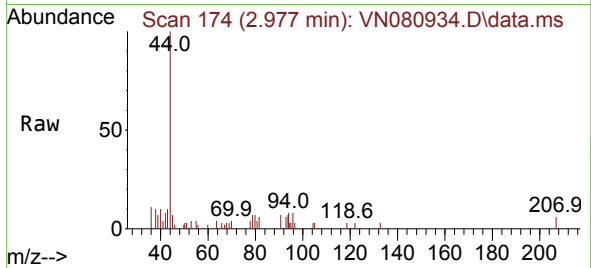




#5  
Bromomethane  
Concen: 0.767 ug/l  
RT: 2.977 min Scan# 1  
Delta R.T. 0.029 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

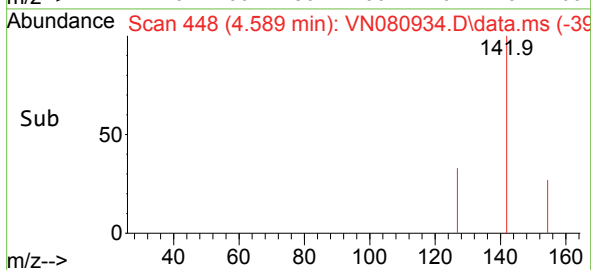
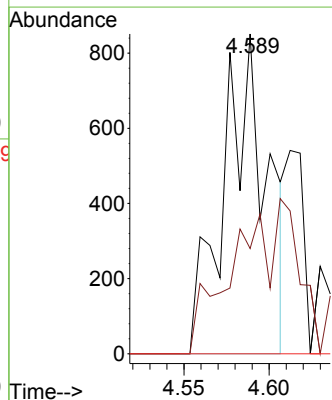
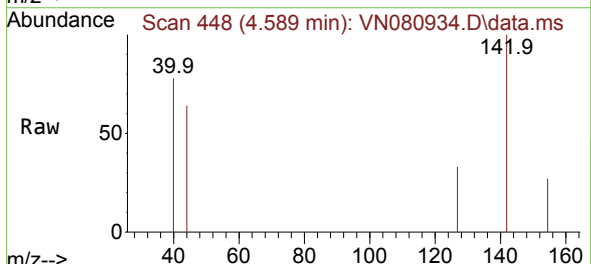
Instrument :  
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WC-1

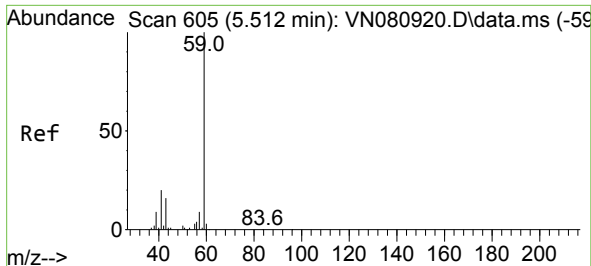
Tgt Ion: 94 Resp: 3335  
Ion Ratio Lower Upper  
94 100  
96 43.4 69.2 103.8#



#10  
Methyl Iodide  
Concen: 0.310 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 142 Resp: 1494  
Ion Ratio Lower Upper  
142 100  
127 32.9 37.0 55.4#  
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.352 ug/l

RT: 5.495 min Scan# 605

Delta R.T. -0.018 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

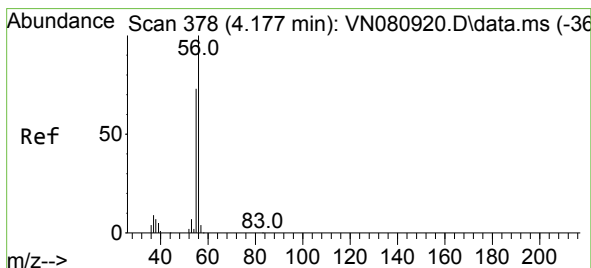
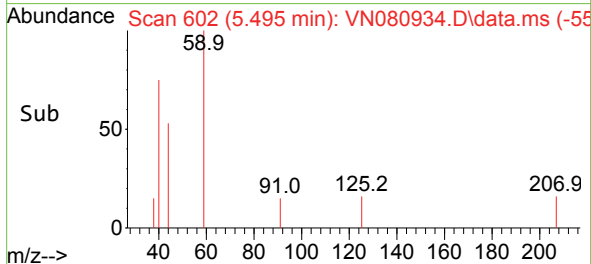
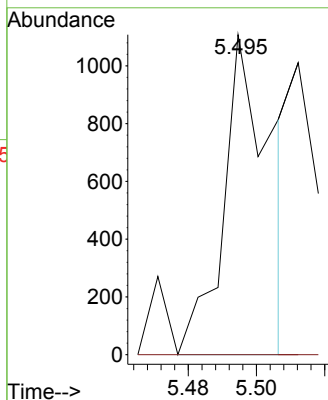
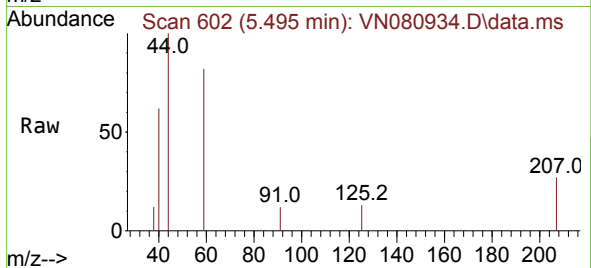
WC-1

Tgt Ion: 59 Resp: 1073

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 0.952 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN080934.D

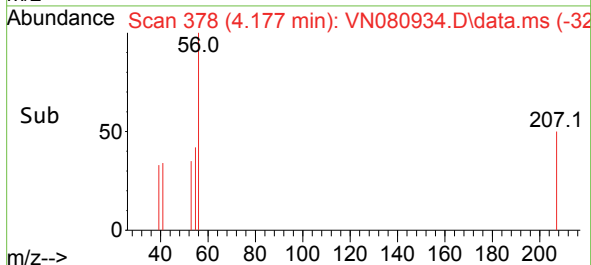
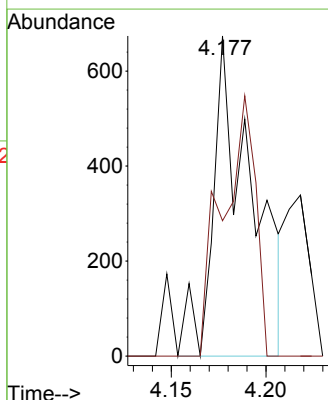
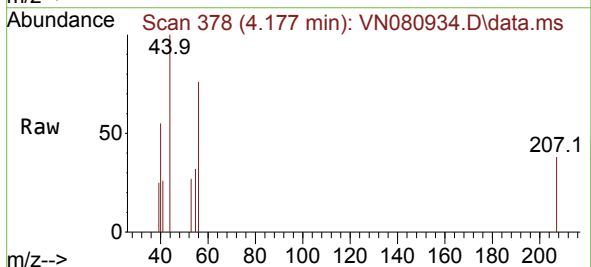
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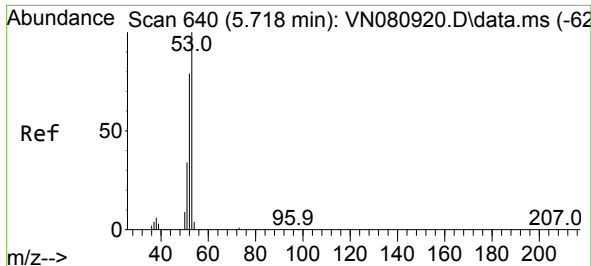
Tgt Ion: 56 Resp: 952

Ion Ratio Lower Upper

56 100

55 69.3 55.3 82.9

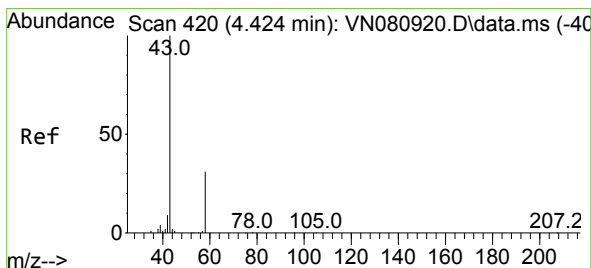
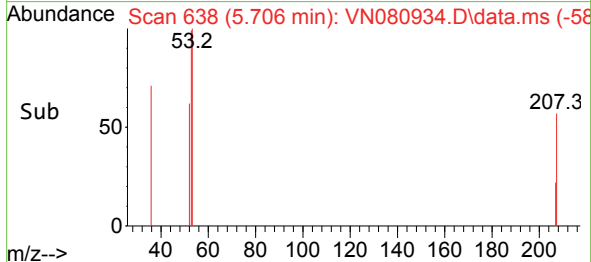
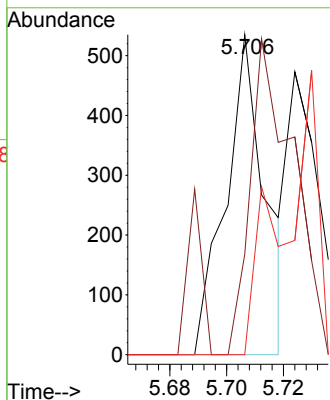
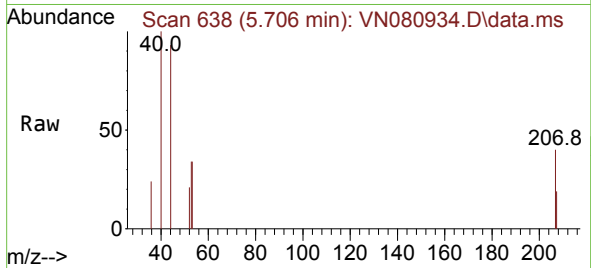




#15  
Acrylonitrile  
Concen: 0.239 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

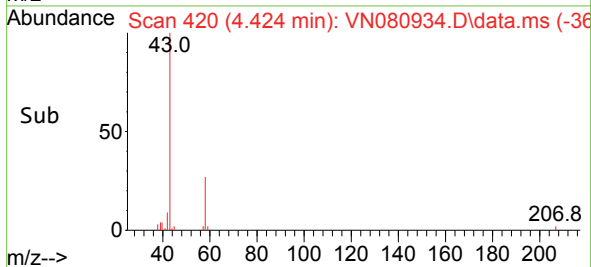
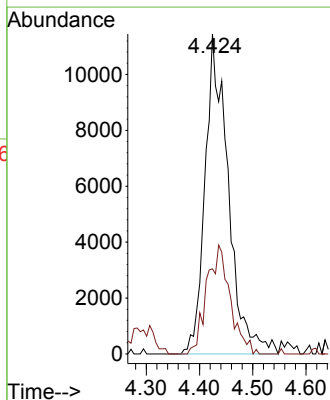
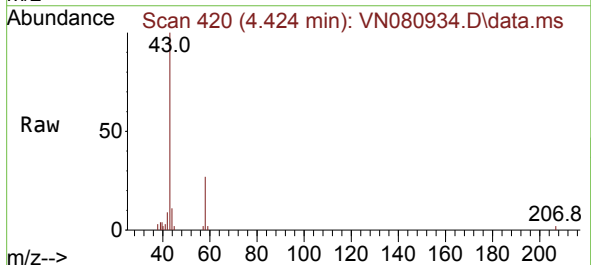
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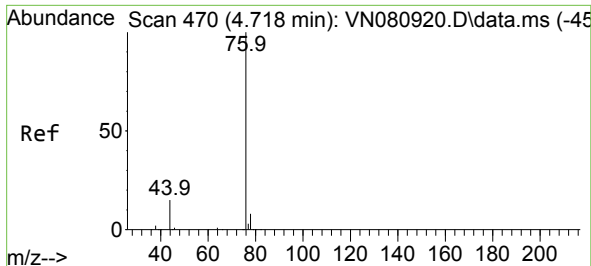
Tgt Ion: 53 Resp: 518  
Ion Ratio Lower Upper  
53 100  
52 107.1 64.8 97.2#  
51 0.0 26.9 40.3#



#16  
Acetone  
Concen: 18.227 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 43 Resp: 34541  
Ion Ratio Lower Upper  
43 100  
58 26.6 24.8 37.2

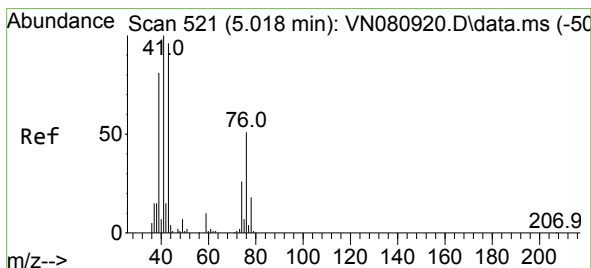
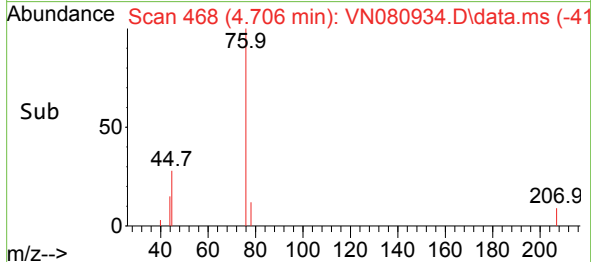
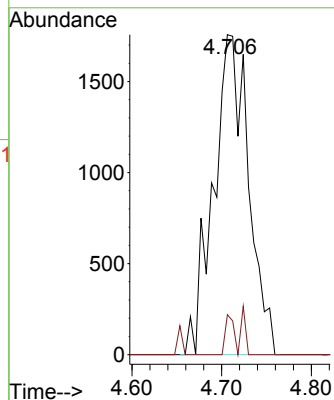
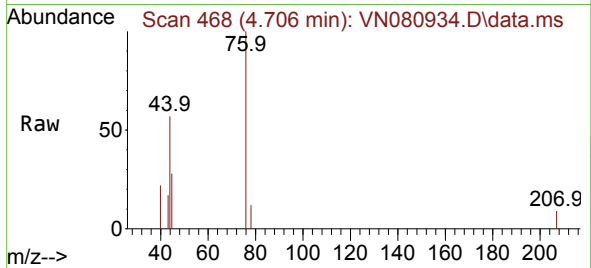




#17  
Carbon Disulfide  
Concen: 0.386 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

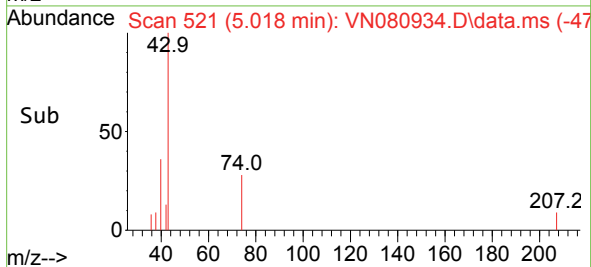
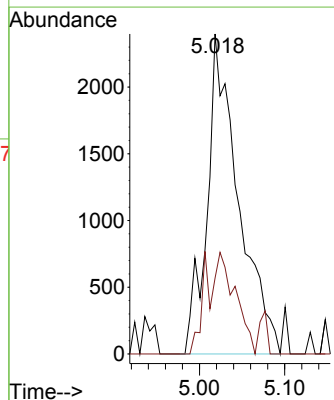
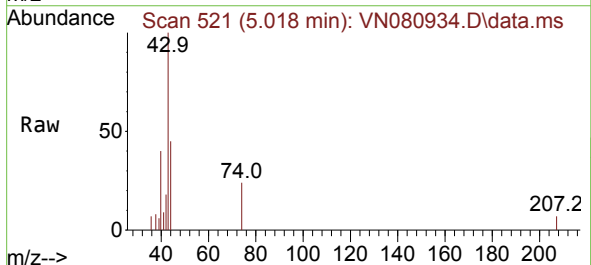
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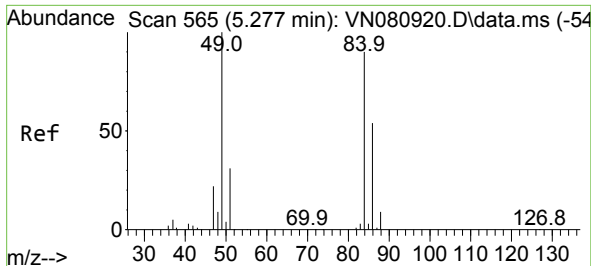
Tgt Ion: 76 Resp: 4770  
Ion Ratio Lower Upper  
76 100  
78 12.5 6.3 9.5#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 43 Resp: 6149  
Ion Ratio Lower Upper  
43 100  
74 29.4 17.3 25.9#

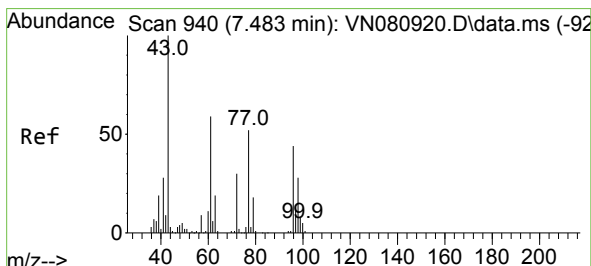
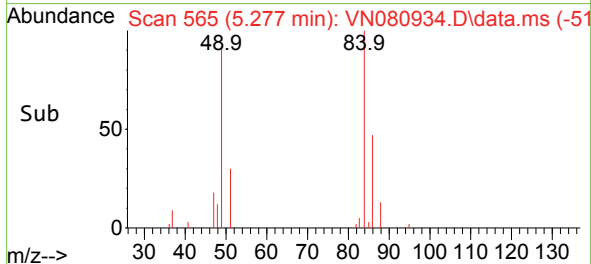
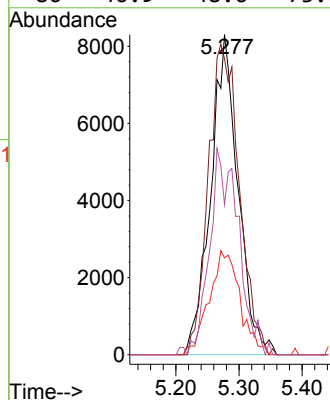
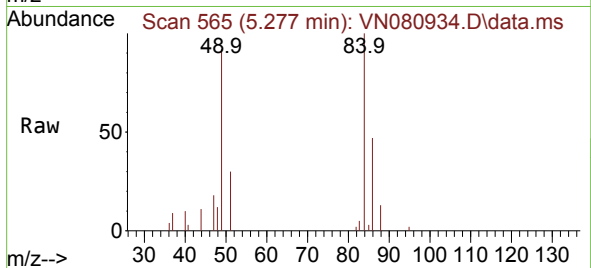




#20  
Methylene Chloride  
Concen: 4.365 ug/l  
RT: 5.277 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

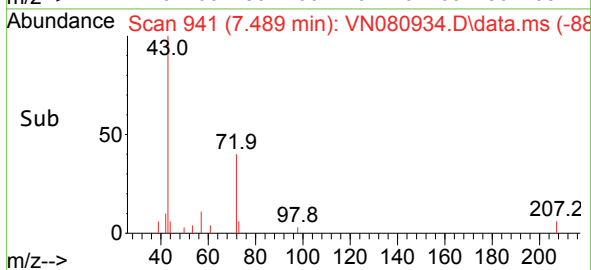
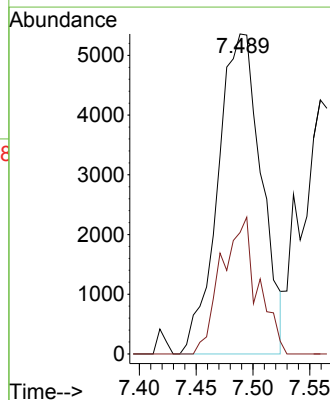
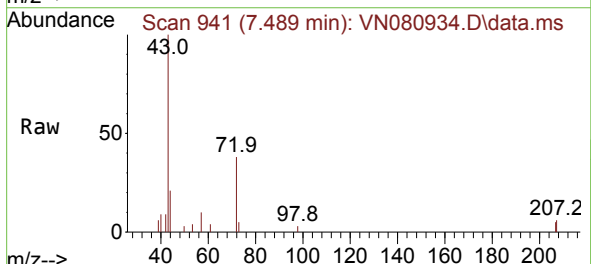
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

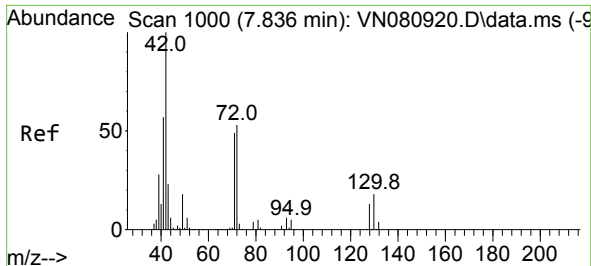
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 25061  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 92.5  | 108.1 | 162.1# |
| 51       | 30.2  | 32.9  | 49.3#  |
| 86       | 46.9  | 48.6  | 73.0#  |



#25  
2-Butanone  
Concen: 4.691 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14269 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 38.0  | 19.5  | 29.3# |





#29

Tetrahydrofuran

Concen: 1.279 ug/l

RT: 7.847 min Scan# 10

Delta R.T. 0.012 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

WC-1

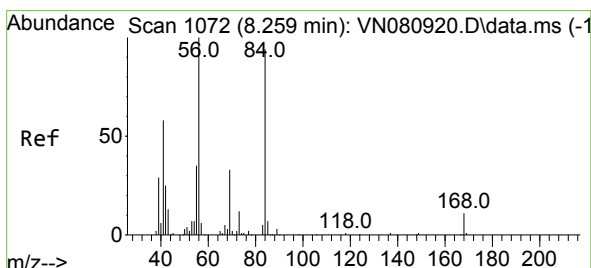
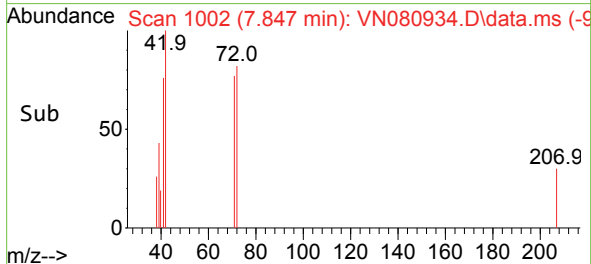
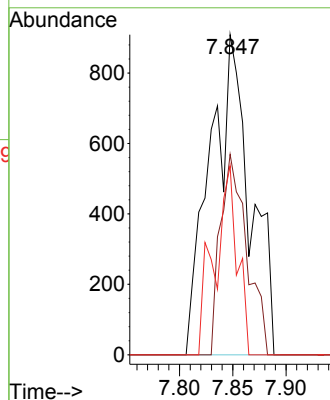
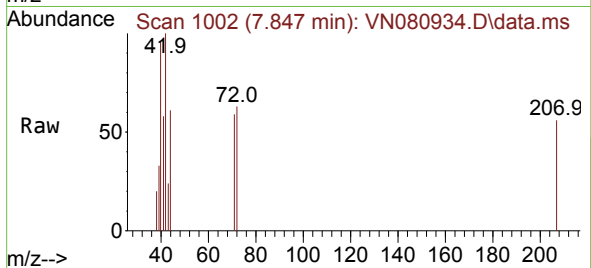
Tgt Ion: 42 Resp: 2379

Ion Ratio Lower Upper

42 100

72 41.2 31.1 46.7

71 33.5 28.3 42.5



#31

Cyclohexane

Concen: 1.283 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

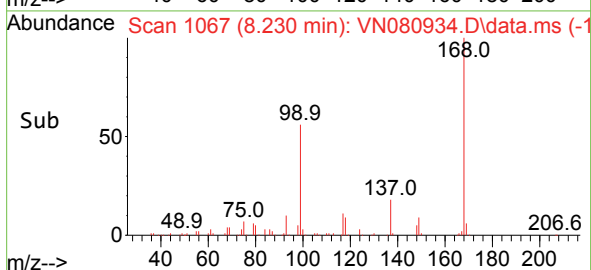
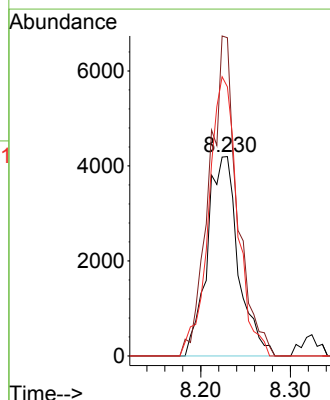
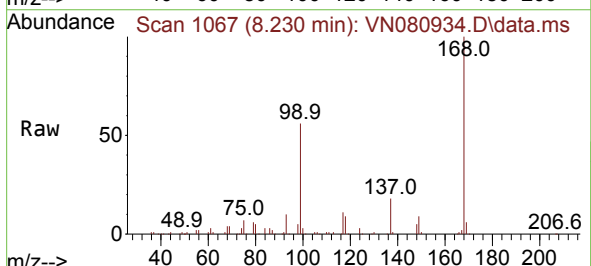
Tgt Ion: 56 Resp: 10099

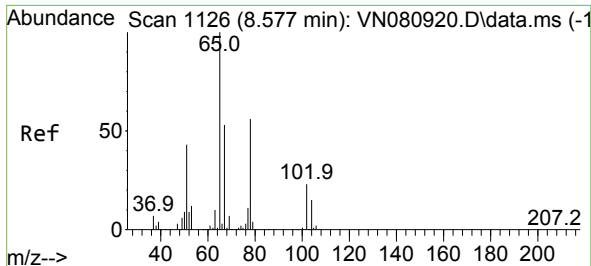
Ion Ratio Lower Upper

56 100

69 159.7 20.1 30.1#

84 135.1 56.9 85.3#

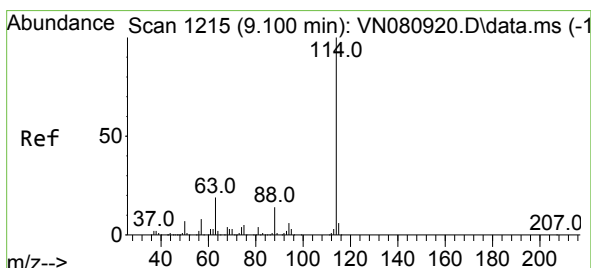
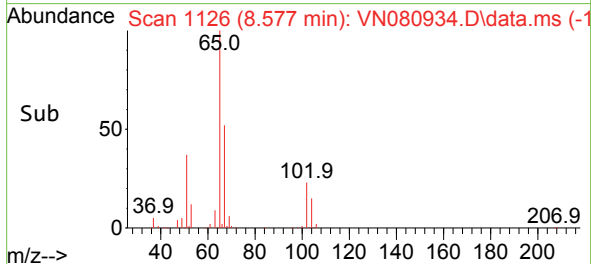
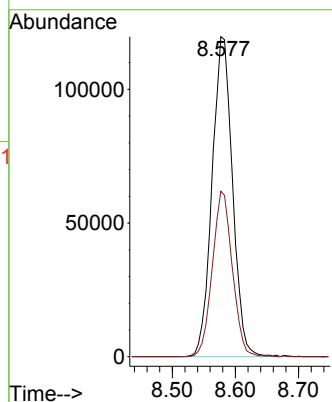
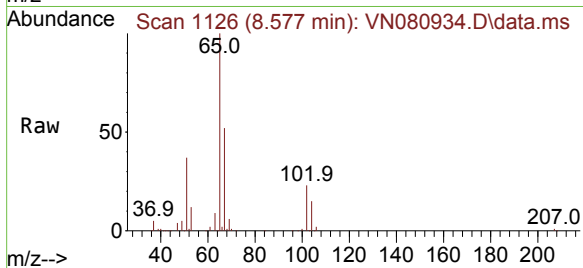




#33  
1,2-Dichloroethane-d4  
Concen: 46.717 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

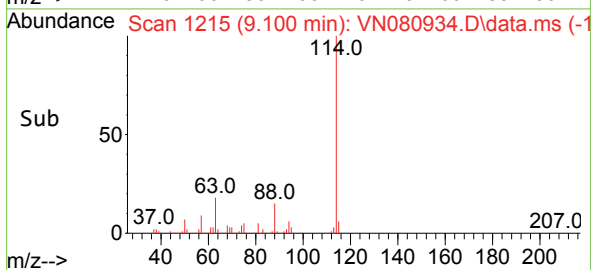
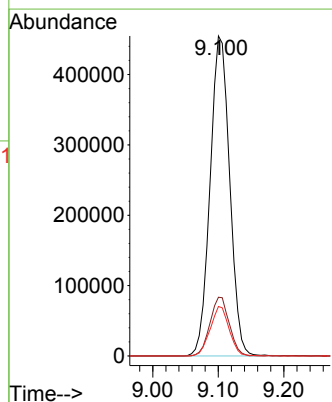
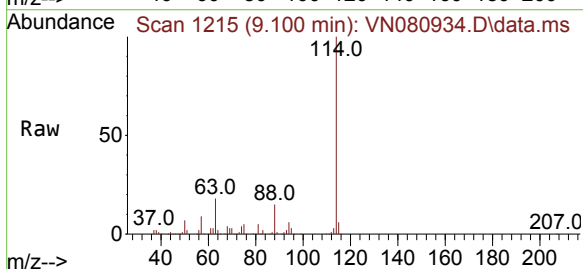
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

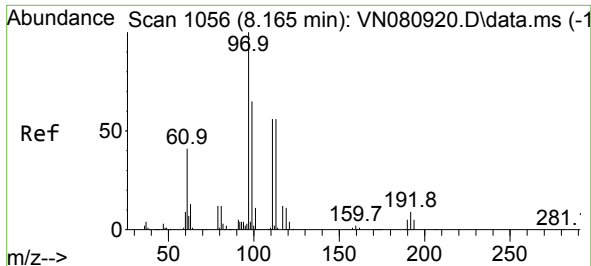
Tgt Ion: 65 Resp: 269091  
Ion Ratio Lower Upper  
65 100  
67 50.5 0.0 102.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 114 Resp: 941928  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 48.0  
88 15.4 0.0 34.8

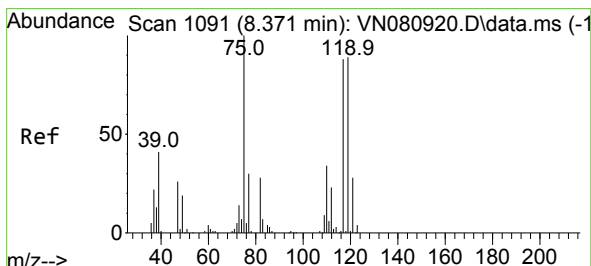
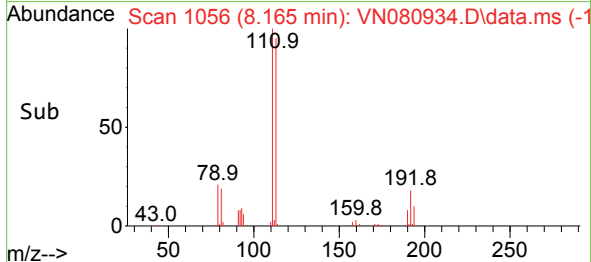
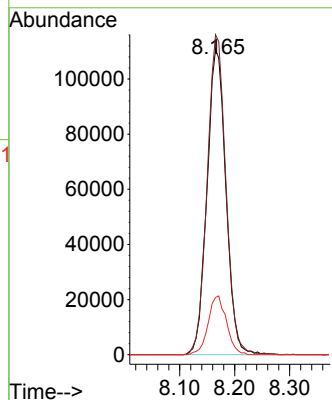
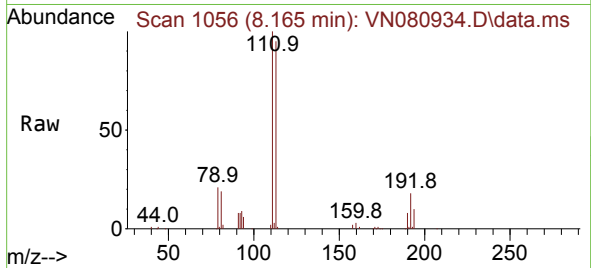




#35  
Dibromofluoromethane  
Concen: 52.486 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

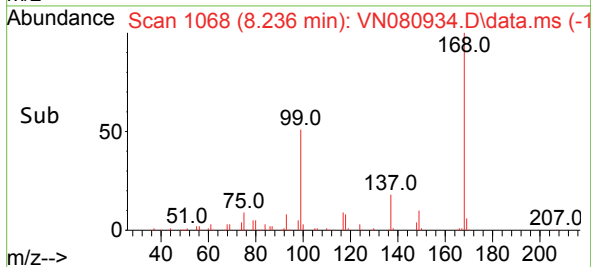
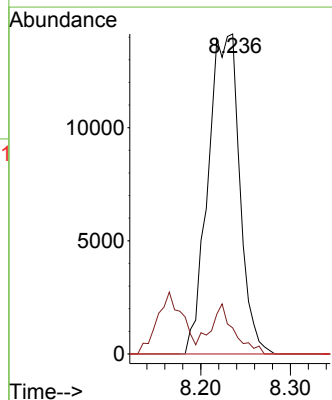
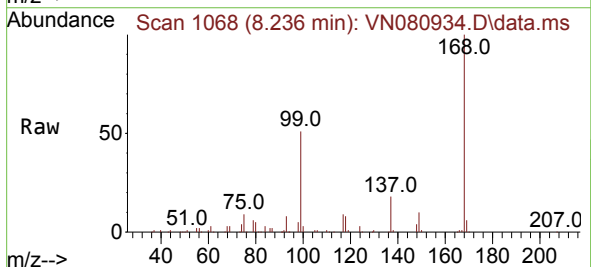
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

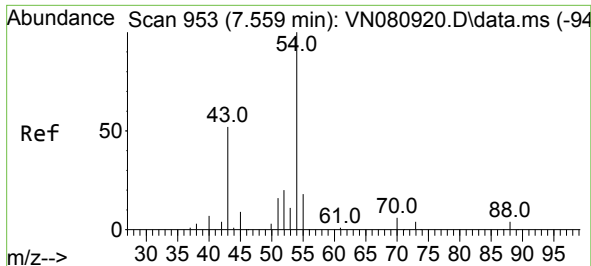
Tgt Ion:113 Resp: 265283  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.2 123.4  
192 18.7 12.5 18.7



#36  
1,1-Dichloropropene  
Concen: 4.595 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.135 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 75 Resp: 34547  
Ion Ratio Lower Upper  
75 100  
110 11.8 16.0 48.0#  
77 0.0 25.8 38.6#

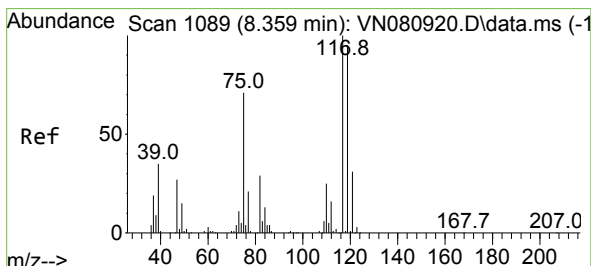
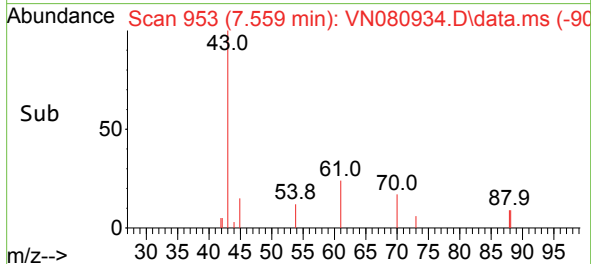
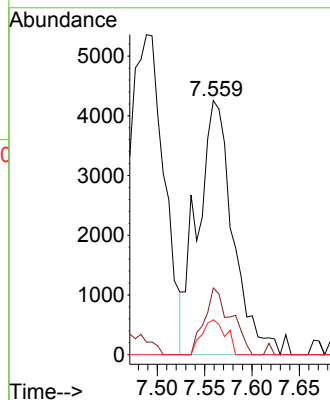
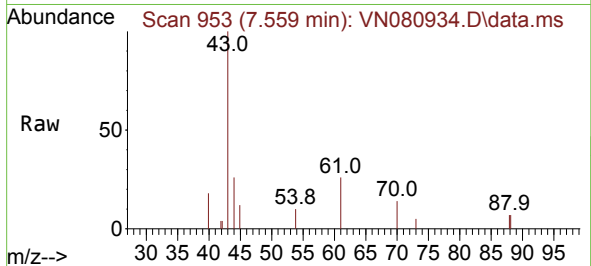




#37  
Ethyl Acetate  
Concen: 1.928 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

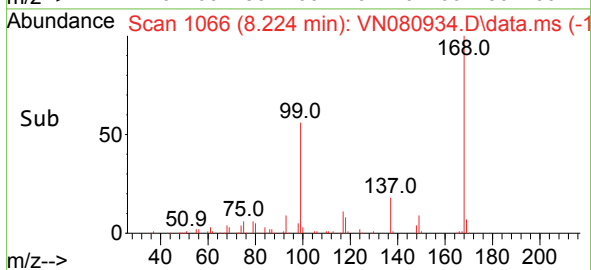
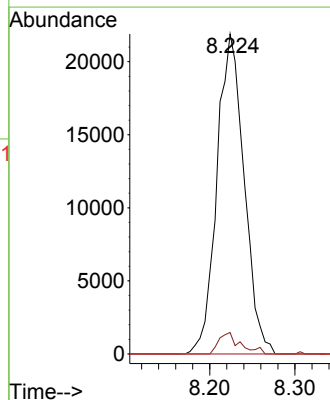
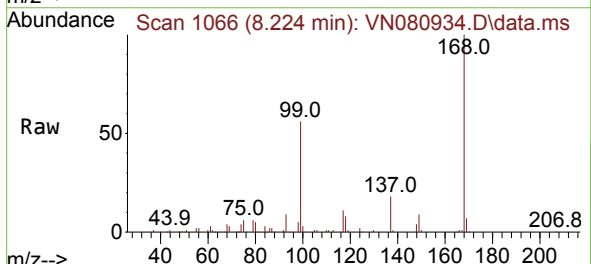
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

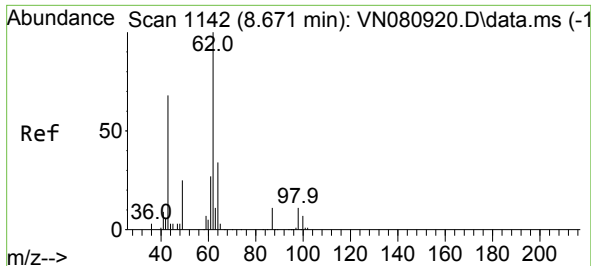
Tgt Ion: 43 Resp: 10971  
Ion Ratio Lower Upper  
43 100  
61 19.9 10.6 15.8#  
70 9.4 8.0 12.0



#38  
Carbon Tetrachloride  
Concen: 6.305 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 117 Resp: 48602  
Ion Ratio Lower Upper  
117 100  
119 6.7 73.4 110.2#  
121 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.323 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.012 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

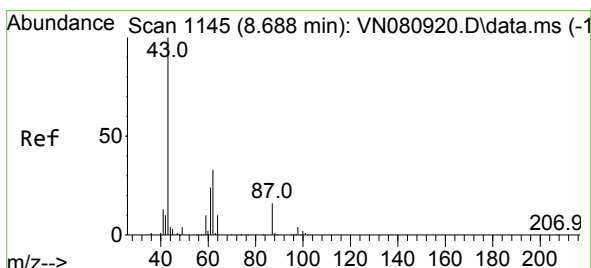
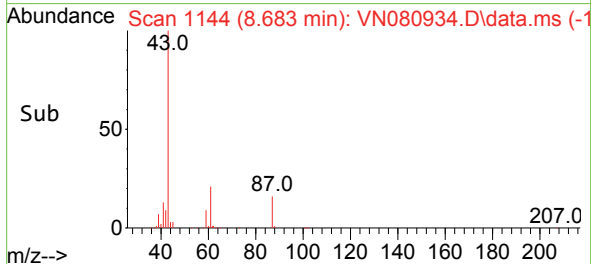
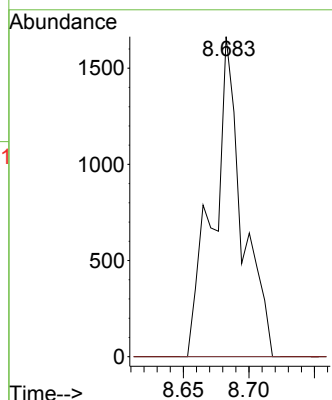
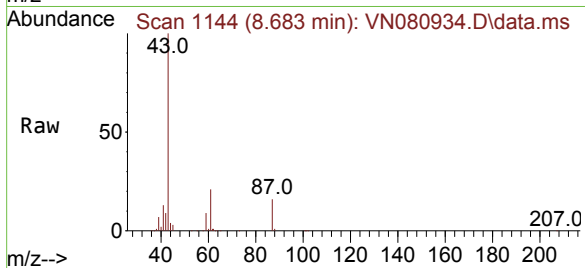
WC-1

Tgt Ion: 62 Resp: 2571

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 30.639 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

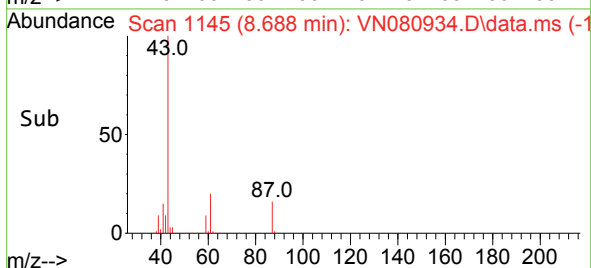
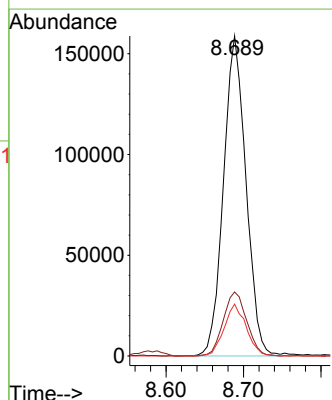
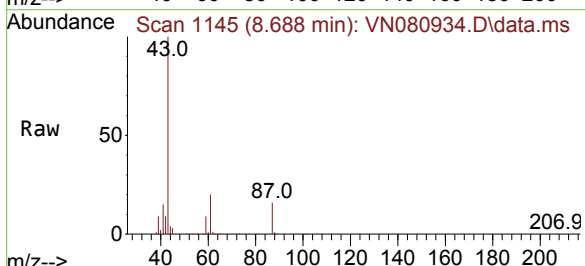
Tgt Ion: 43 Resp: 320551

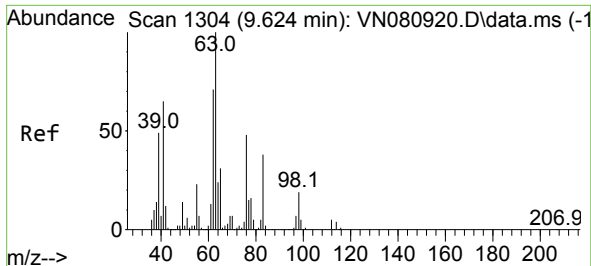
Ion Ratio Lower Upper

43 100

61 20.9 19.9 29.9

87 16.0 9.0 13.6#





#45

1,2-Dichloropropane

Concen: 0.744 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

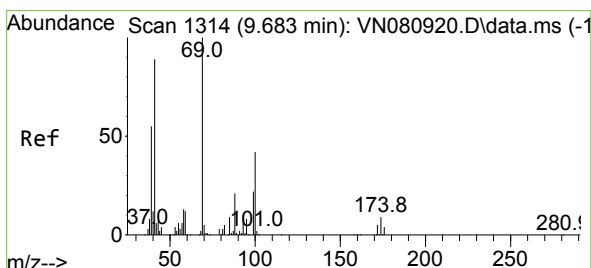
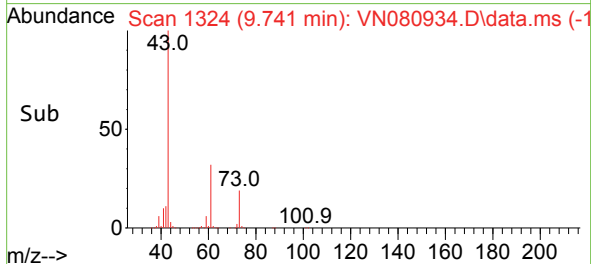
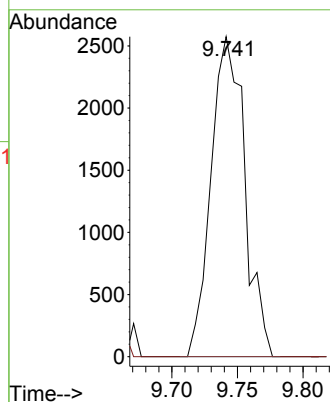
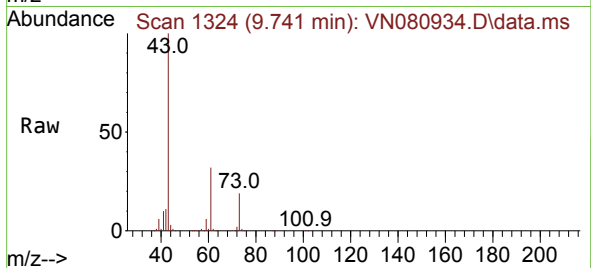
WC-1

Tgt Ion: 63 Resp: 4594

Ion Ratio Lower Upper

63 100

65 0.0 26.1 39.1#



#48

Methyl methacrylate

Concen: 1.467 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.018 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

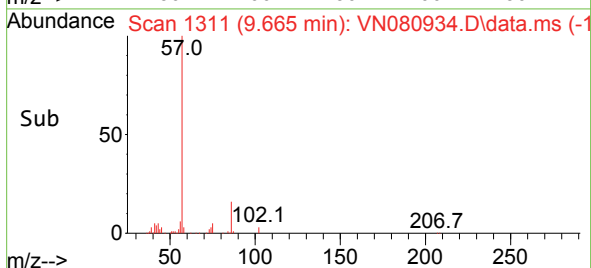
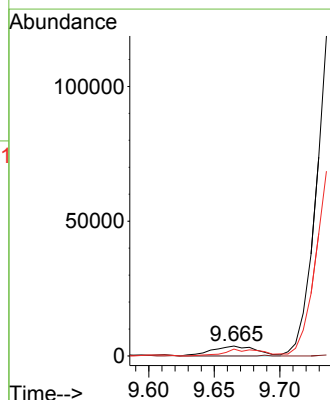
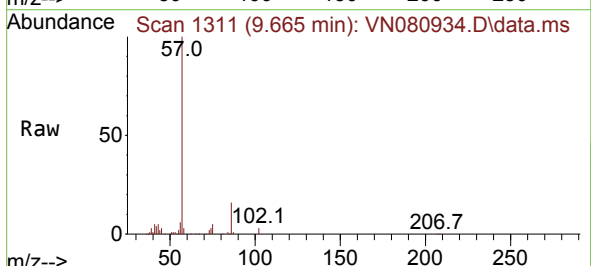
Tgt Ion: 41 Resp: 8647

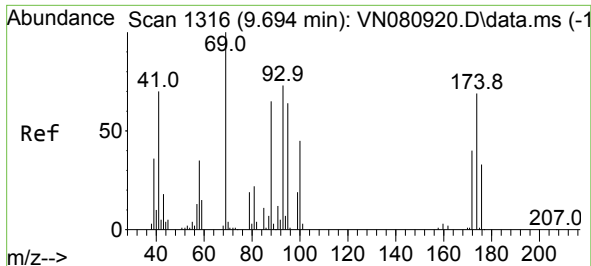
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.2#

39 56.9 47.6 71.4





#49

1,4-Dioxane

Concen: 3.556 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

WC-1

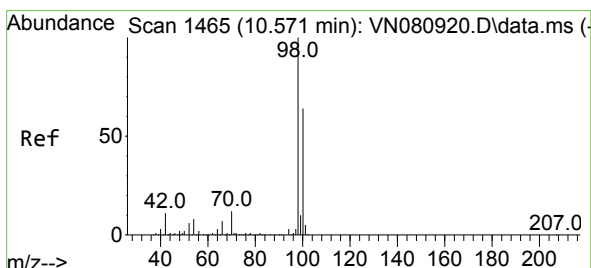
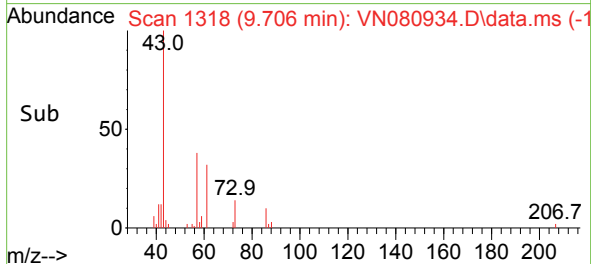
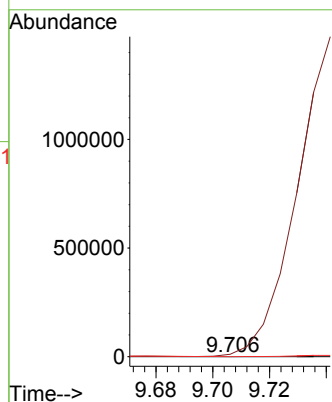
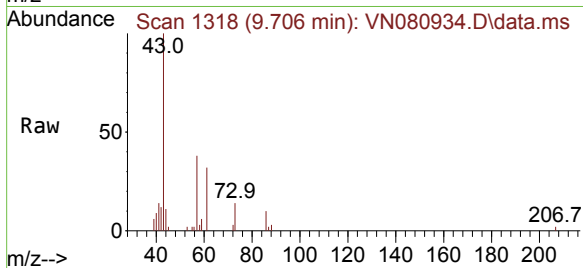
Tgt Ion: 88 Resp: 387

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 54.687 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN080934.D

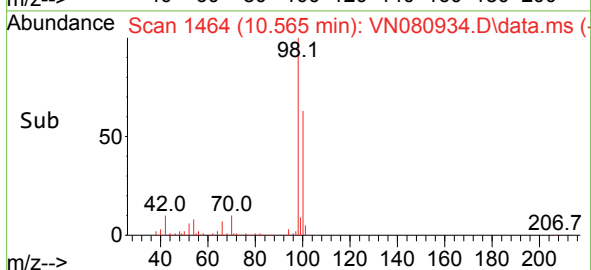
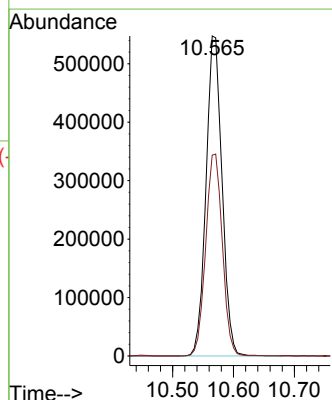
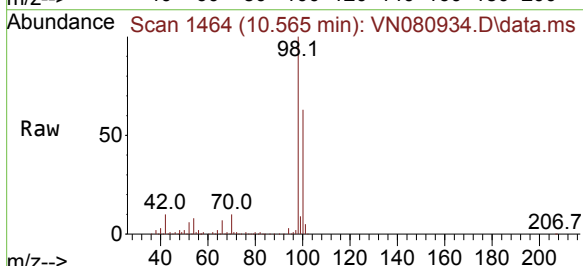
Acq: 07 Feb 2024 14:03

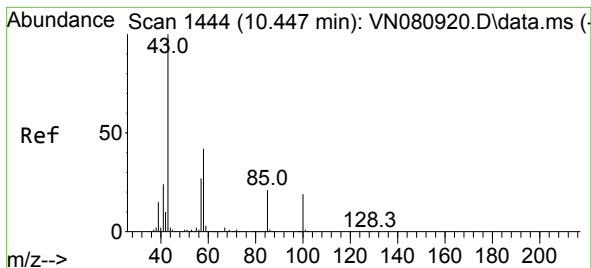
Tgt Ion: 98 Resp: 999793

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

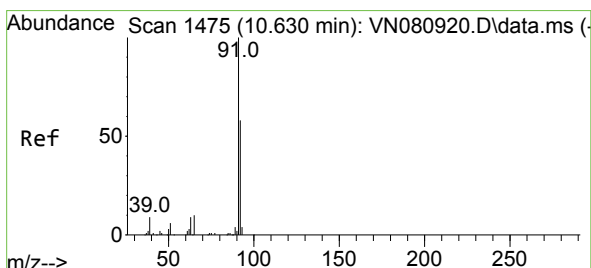
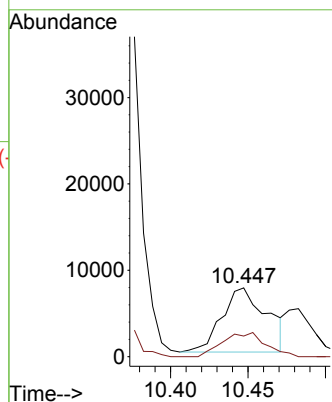
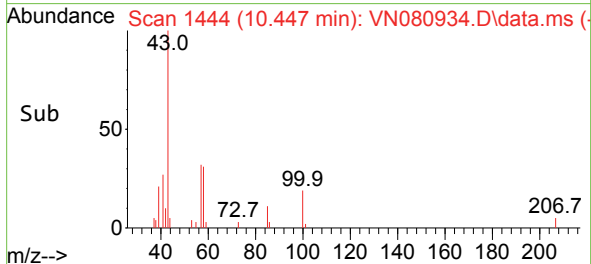
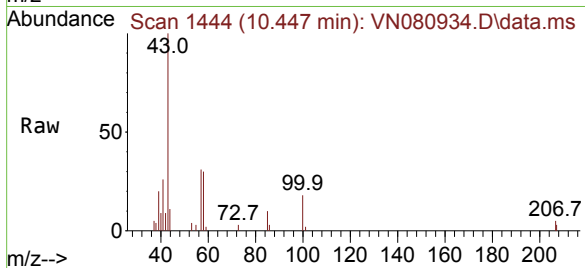




#51  
4-Methyl-2-Pentanone  
Concen: 2.370 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

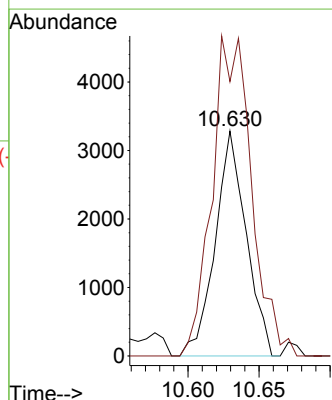
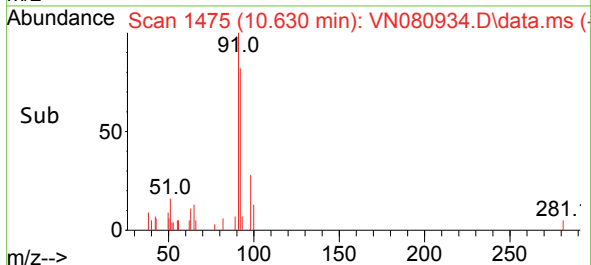
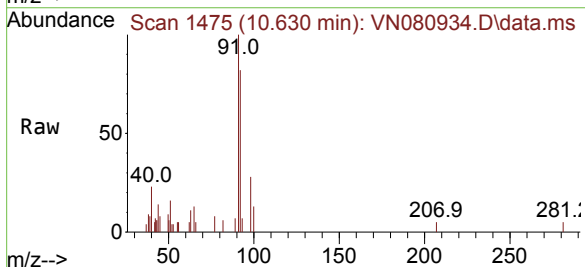
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

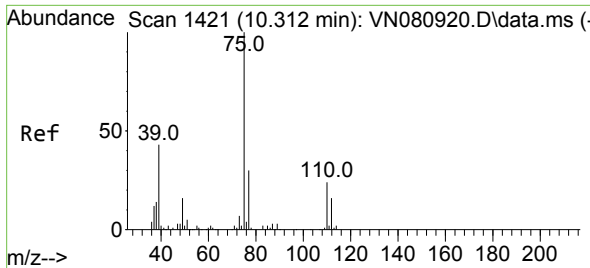
Tgt Ion: 43 Resp: 14941  
Ion Ratio Lower Upper  
43 100  
58 36.1 29.4 44.0



#52  
Toluene  
Concen: 0.325 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 92 Resp: 4981  
Ion Ratio Lower Upper  
92 100  
91 181.1 139.4 209.0

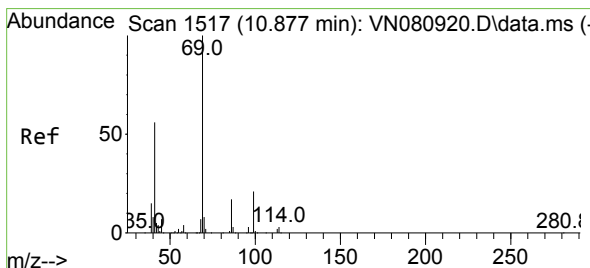
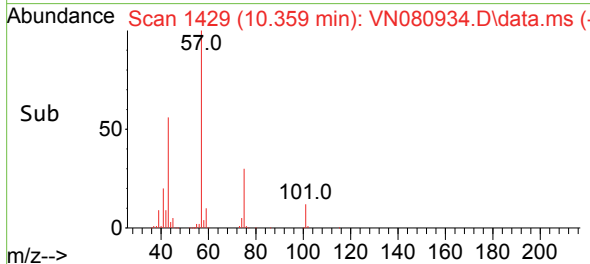
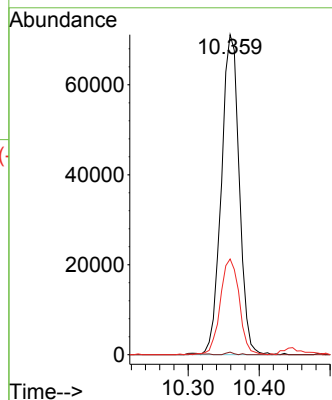
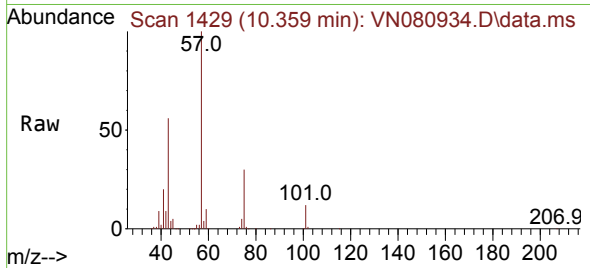




#54  
 cis-1,3-Dichloropropene  
 Concen: 12.796 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.047 min  
 Lab File: VN080934.D  
 Acq: 07 Feb 2024 14:03

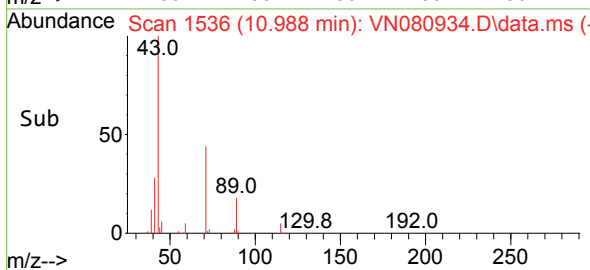
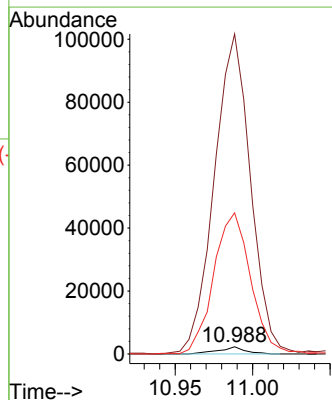
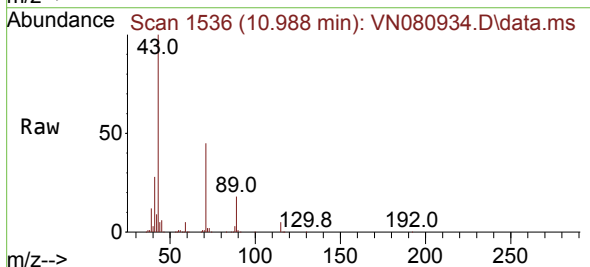
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 MSVOA\_N  
 ClientSampleId :  
 WC-1

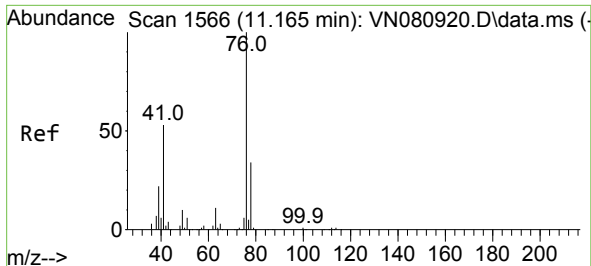
Tgt Ion: 75 Resp: 124138  
 Ion Ratio Lower Upper  
 75 100  
 77 0.8 23.3 34.9#  
 39 29.7 44.6 66.8#



#56  
 Ethyl methacrylate  
 Concen: 0.384 ug/l  
 RT: 10.988 min Scan# 1536  
 Delta R.T. 0.111 min  
 Lab File: VN080934.D  
 Acq: 07 Feb 2024 14:03

Tgt Ion: 69 Resp: 2720  
 Ion Ratio Lower Upper  
 69 100  
 41 6087.3 61.0 91.6#  
 39 2752.2 31.8 47.6#





#57

1,3-Dichloropropane

Concen: 1.512 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

Lab File: VN080934.D

Acq: 07 Feb 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

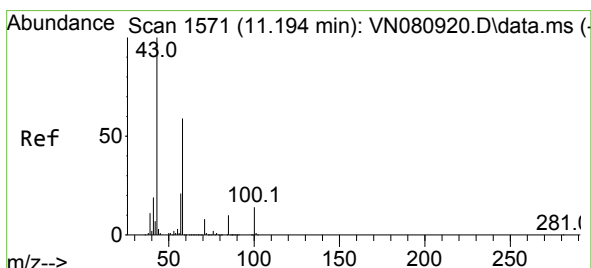
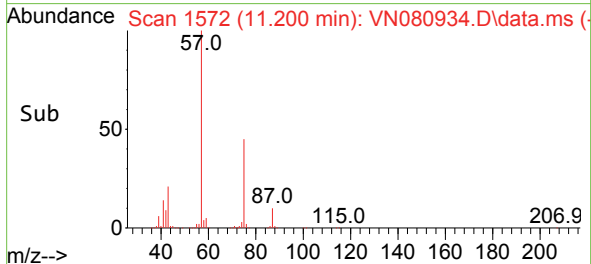
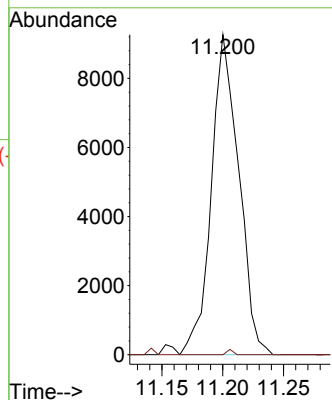
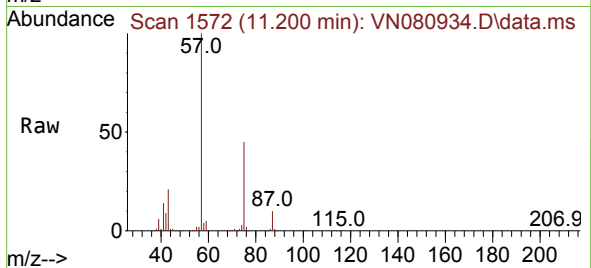
WC-1

Tgt Ion: 76 Resp: 14536

Ion Ratio Lower Upper

76 100

78 0.4 25.5 38.3#



#59

2-Hexanone

Concen: 35.103 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.006 min

Lab File: VN080934.D

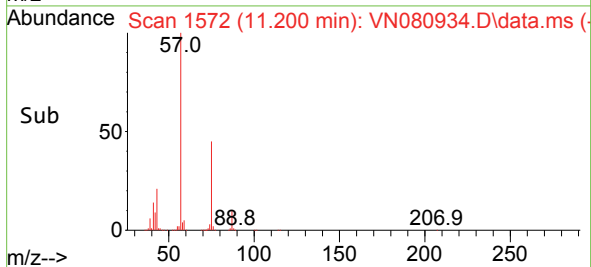
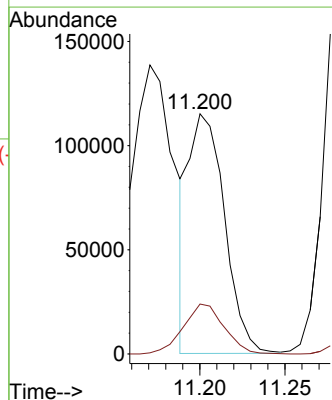
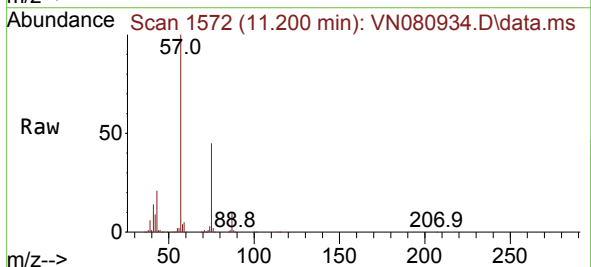
Acq: 07 Feb 2024 14:03

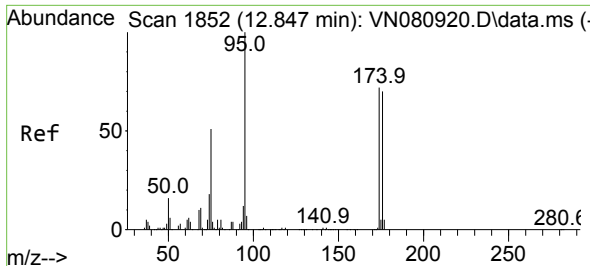
Tgt Ion: 43 Resp: 167751

Ion Ratio Lower Upper

43 100

58 23.9 25.9 77.8#

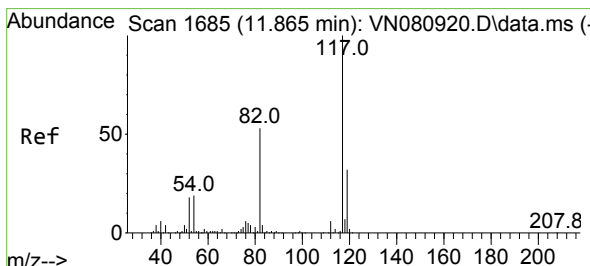
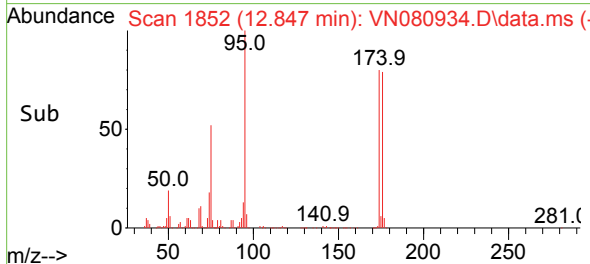
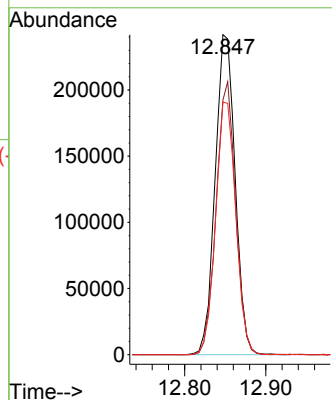
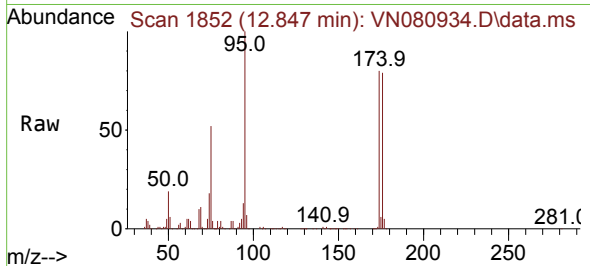




#62  
4-Bromofluorobenzene  
Concen: 62.346 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

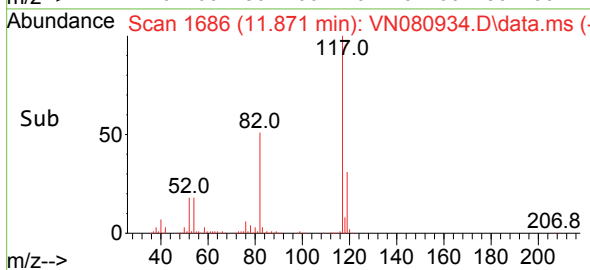
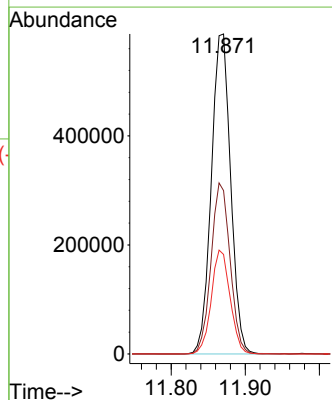
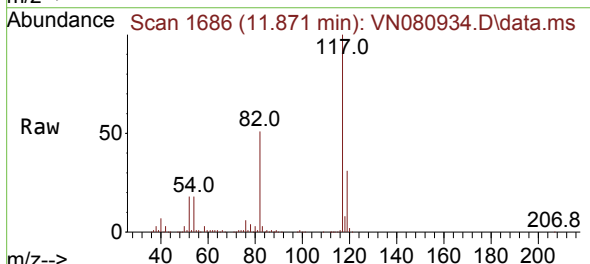
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MSVOA\_N  
ClientSampleId :  
WC-1

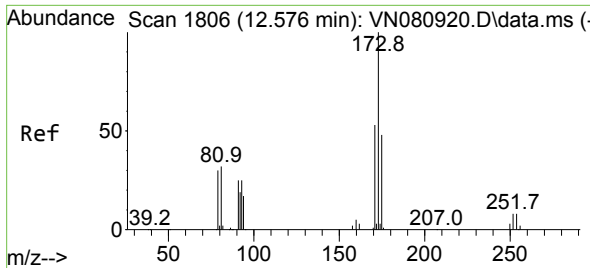
Tgt Ion: 95 Resp: 414066  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 120.4  
176 79.6 0.0 121.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 117 Resp: 1062730  
Ion Ratio Lower Upper  
117 100  
82 51.0 52.7 79.1#  
119 31.1 25.3 37.9

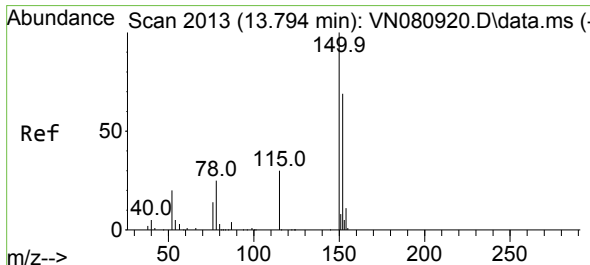
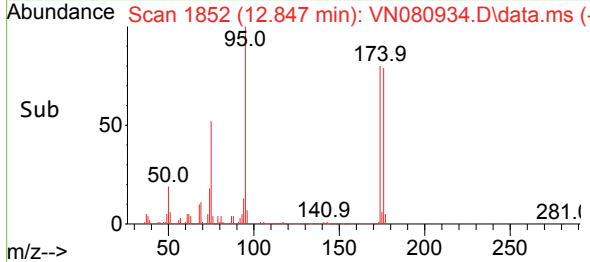
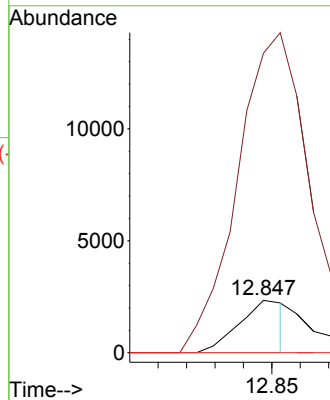
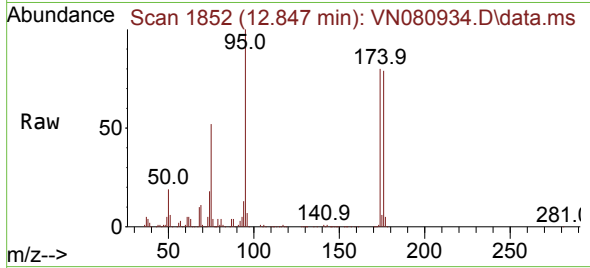




#71  
Bromoform  
Concen: 0.484 ug/l  
RT: 12.847 min Scan# 1806  
Delta R.T. 0.271 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

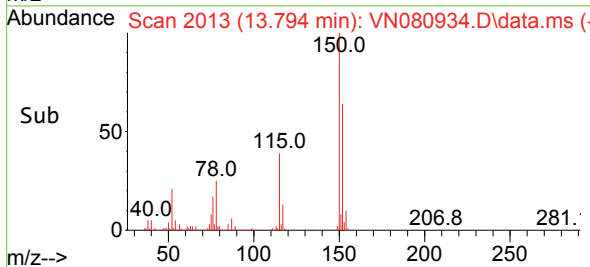
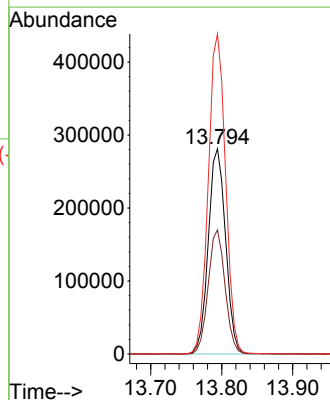
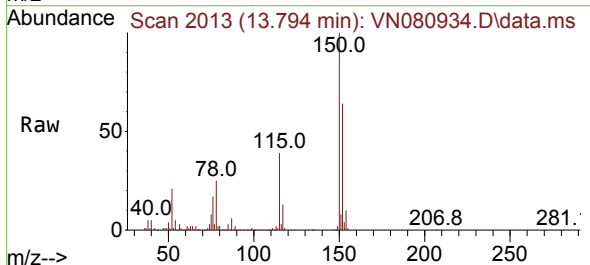
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

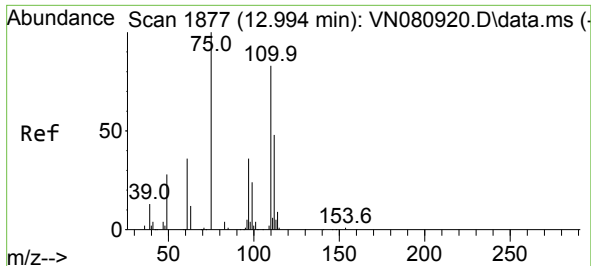
Tgt Ion:173 Resp: 2608  
Ion Ratio Lower Upper  
173 100  
175 0.0 23.1 69.2#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion:152 Resp: 476195  
Ion Ratio Lower Upper  
152 100  
115 59.0 32.3 96.8  
150 155.5 0.0 339.8

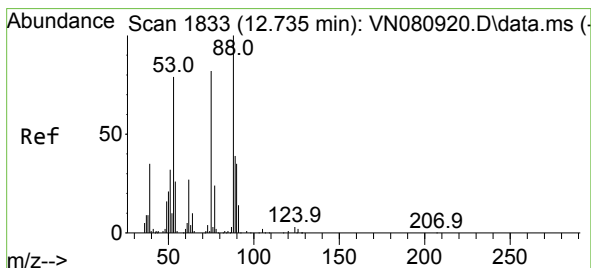
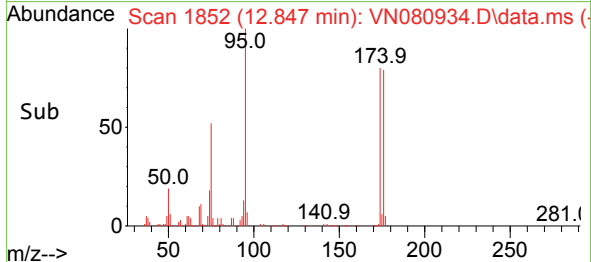
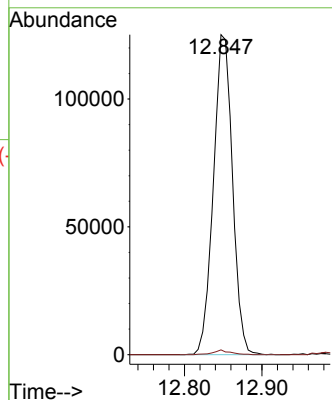
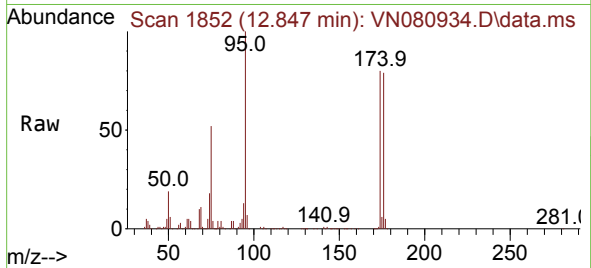




#76  
1,2,3-Trichloropropane  
Concen: 22.026 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

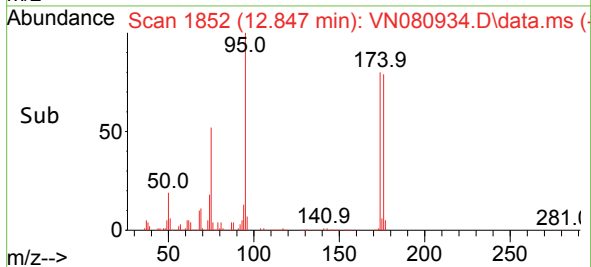
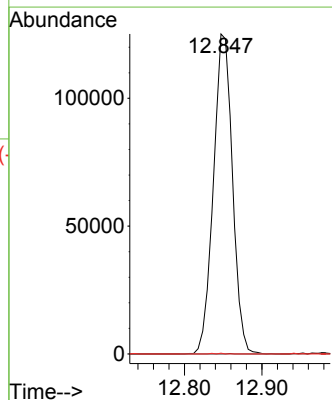
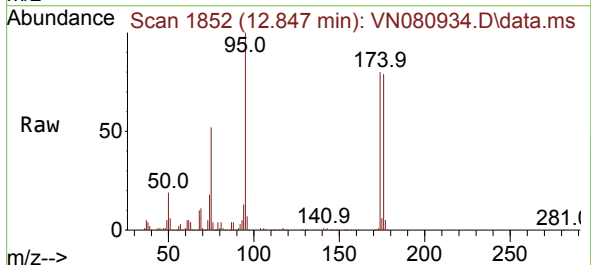
Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

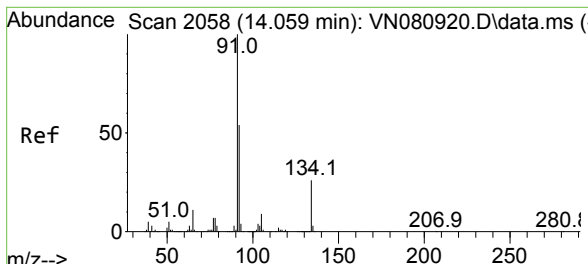
Tgt Ion: 75 Resp: 213863  
Ion Ratio Lower Upper  
75 100  
77 1.3 91.0 272.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.843 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion: 75 Resp: 213863  
Ion Ratio Lower Upper  
75 100  
53 0.0 71.4 107.2#  
89 0.0 33.4 50.0#

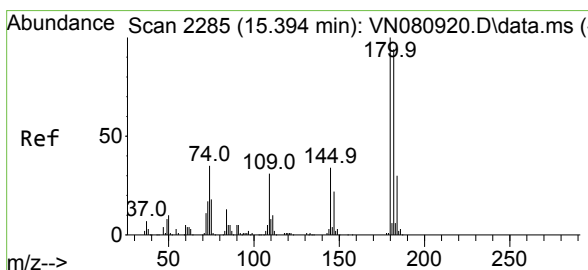
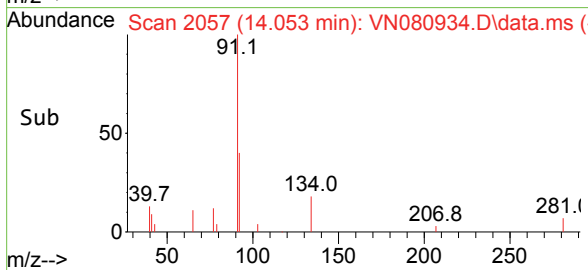
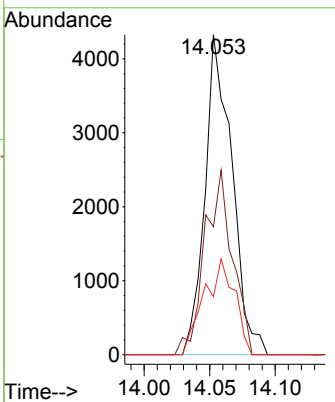
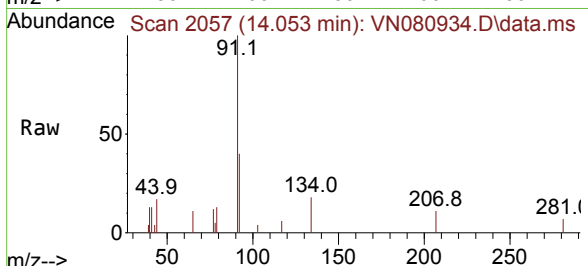




#89  
 n-Butylbenzene  
 Concen: 0.241 ug/l  
 RT: 14.053 min Scan# 2057  
 Delta R.T. -0.006 min  
 Lab File: VN080934.D  
 Acq: 07 Feb 2024 14:03

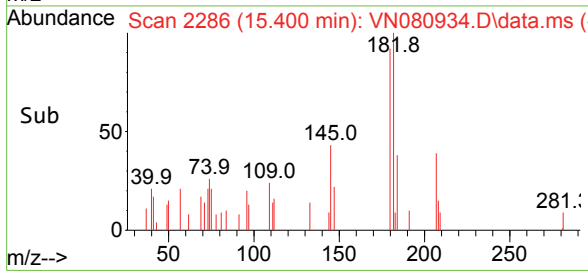
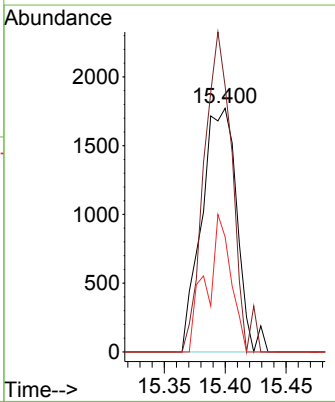
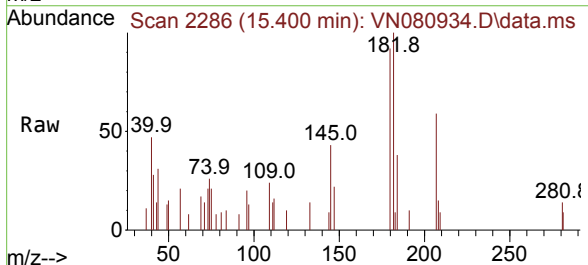
Instrument :  
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 ClientSampleId :  
 WC-1

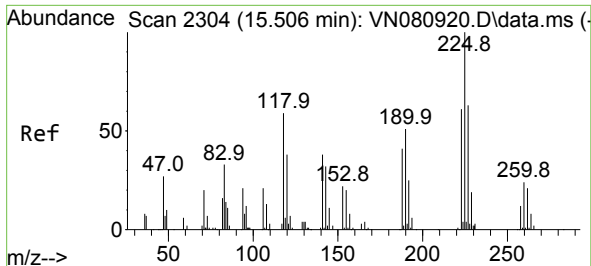
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 6200  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 59.3  | 26.7  | 80.1  |
| 134      | 33.9  | 10.8  | 32.4# |



#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.452 ug/l  
 RT: 15.400 min Scan# 2286  
 Delta R.T. 0.006 min  
 Lab File: VN080934.D  
 Acq: 07 Feb 2024 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 3561  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 104.6 | 46.6  | 139.7 |
| 145      | 39.2  | 16.8  | 50.3  |

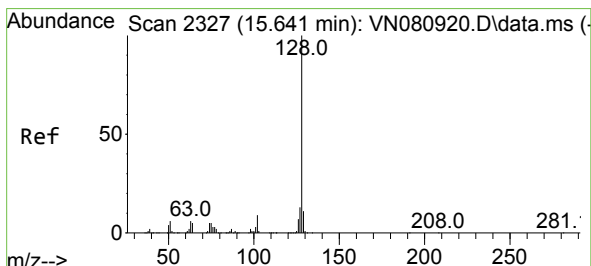
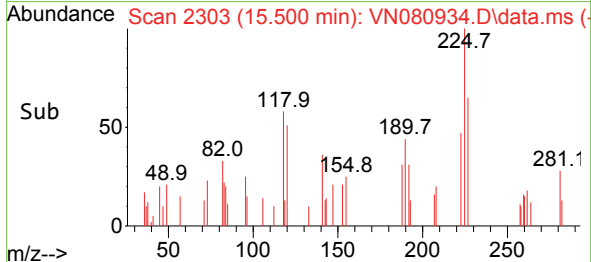
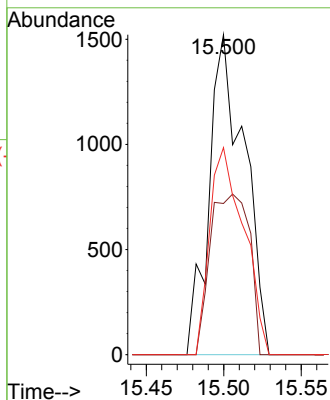
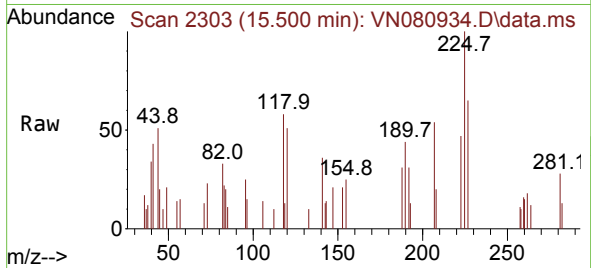




#94  
Hexachlorobutadiene  
Concen: 0.707 ug/l  
RT: 15.500 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

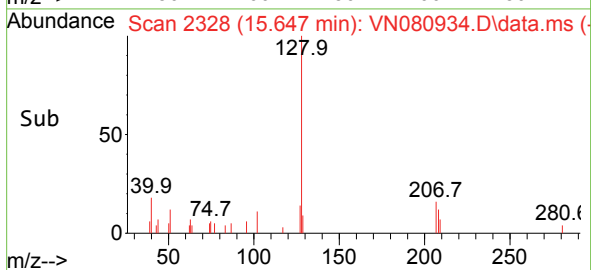
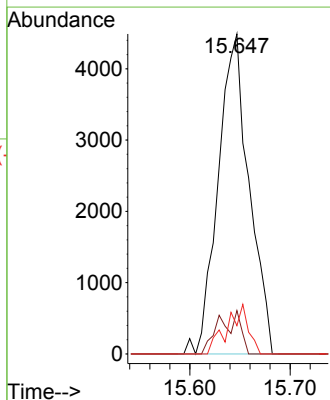
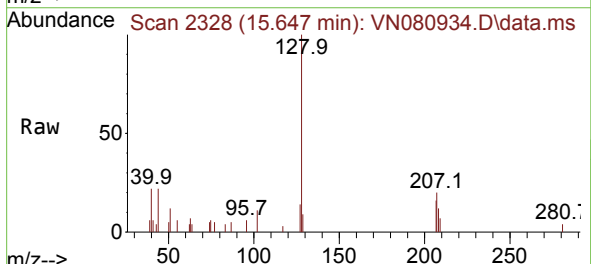
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MSVOA\_N  
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WC-1

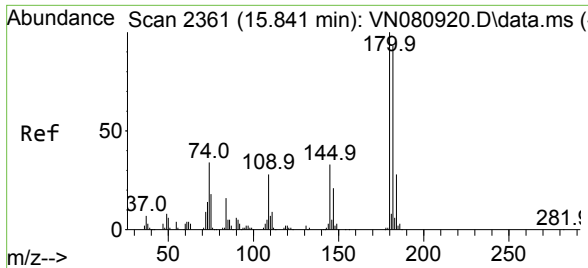
Tgt Ion:225 Resp: 2417  
Ion Ratio Lower Upper  
225 100  
223 55.5 33.3 99.8  
227 62.4 33.1 99.2



#95  
Naphthalene  
Concen: 0.370 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Tgt Ion:128 Resp: 9643  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.0 15.0#  
129 10.6 8.7 13.1





#96  
1,2,3-Trichlorobenzene  
Concen: 0.500 ug/l  
RT: 15.853 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VN080934.D  
Acq: 07 Feb 2024 14:03

Instrument :  
MSVOA\_N  
ClientSampleId :  
WC-1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 67.2  | 46.5  | 139.3 |
| 145     | 28.1  | 17.8  | 53.4  |

