

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120423\  
 Data File : VN080332.D  
 Acq On : 04 Dec 2023 12:47  
 Operator : JC\MD  
 Sample : PB157524ZHE#01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 05 04:13:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

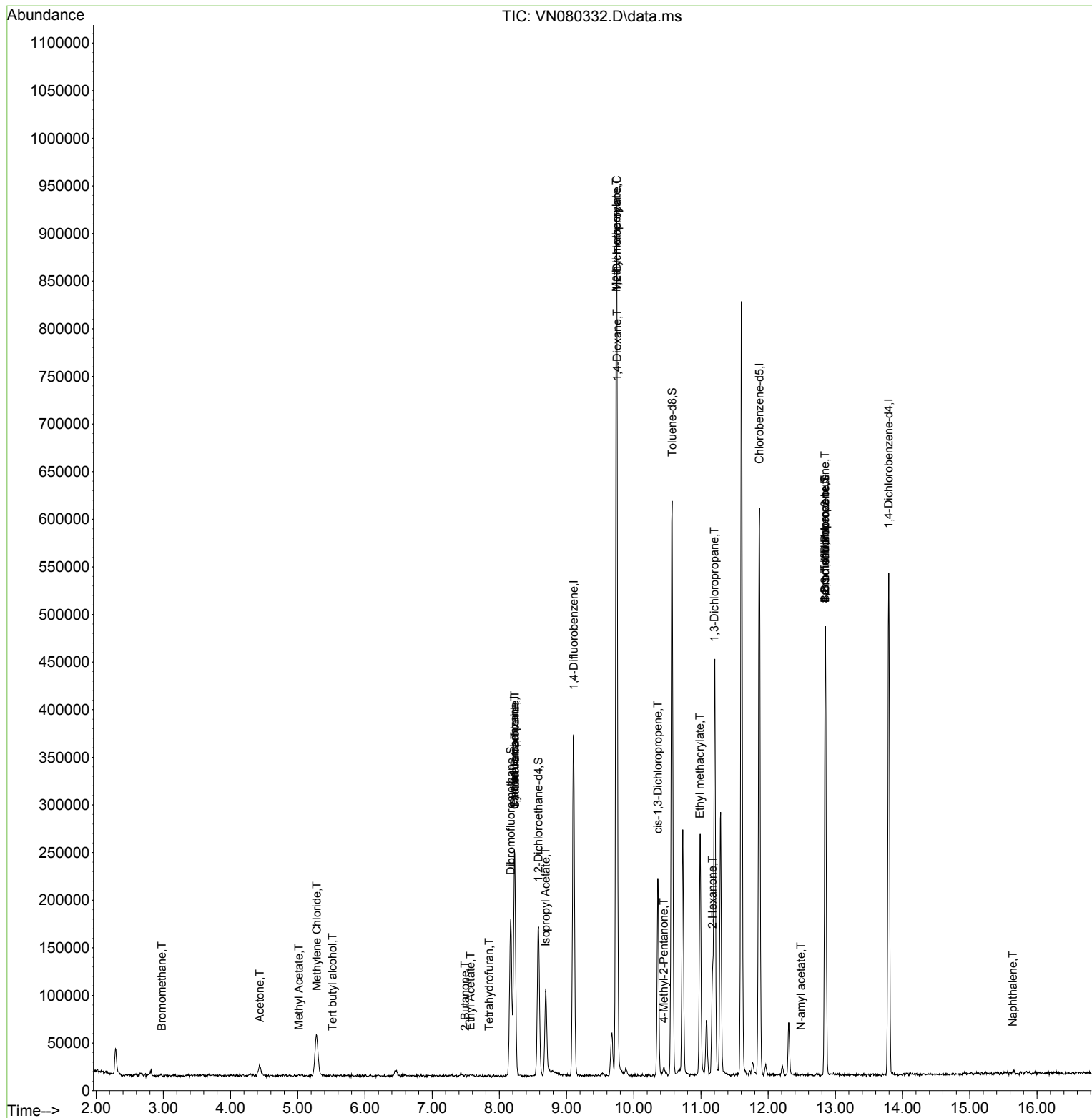
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 8.224  | 168   | 163239   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106  | 114   | 302381   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.870 | 117   | 339278   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 141514   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.582  | 65    | 148592   | 55.129    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | = 110.260% |          |
| 35) Dibromofluoromethane      | 8.171  | 113   | 114282   | 51.221    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 102.440% |          |
| 50) Toluene-d8                | 10.571 | 98    | 416810   | 51.823    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | = 103.640% |          |
| 62) 4-Bromofluorobenzene      | 12.847 | 95    | 162683   | 53.550    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 107.100% |          |
| Target Compounds              |        |       |          |           |            | Qvalue   |
| 5) Bromomethane               | 2.977  | 94    | 394      | 0.300     | ug/l #     | 60       |
| 6) Chloroethane               | 3.118  | 64    | 129      | Below Cal | #          | 43       |
| 11) Tert butyl alcohol        | 5.518  | 59    | 269      | 0.908     | ug/l #     | 72       |
| 16) Acetone                   | 4.436  | 43    | 19377    | 21.404    | ug/l       | 98       |
| 18) Methyl Acetate            | 5.018  | 43    | 879      | 0.302     | ug/l #     | 67       |
| 20) Methylene Chloride        | 5.283  | 84    | 38131    | 20.113    | ug/l       | 92       |
| 25) 2-Butanone                | 7.488  | 43    | 1240     | 1.153     | ug/l #     | 37       |
| 29) Tetrahydrofuran           | 7.847  | 42    | 141      | 0.244     | ug/l #     | 20       |
| 31) Cyclohexane               | 8.229  | 56    | 3518     | 1.200     | ug/l #     | 12       |
| 36) 1,1-Dichloropropene       | 8.229  | 75    | 13307    | 4.119     | ug/l #     | 51       |
| 37) Ethyl Acetate             | 7.571  | 43    | 2778     | 1.240     | ug/l #     | 78       |
| 38) Carbon Tetrachloride      | 8.229  | 117   | 19373    | 4.726     | ug/l #     | 16       |
| 43) Isopropyl Acetate         | 8.688  | 43    | 104807   | 24.037    | ug/l #     | 84       |
| 45) 1,2-Dichloropropane       | 9.747  | 63    | 1228     | 0.576     | ug/l #     | 45       |
| 48) Methyl methacrylate       | 9.741  | 41    | 88952    | 39.587    | ug/l #     | 30       |
| 49) 1,4-Dioxane               | 9.753  | 88    | 77       | 2.060     | ug/l #     | 1        |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43    | 3947     | 1.748     | ug/l       | 90       |
| 54) cis-1,3-Dichloropropene   | 10.359 | 75    | 37779    | 10.131    | ug/l #     | 68       |
| 56) Ethyl methacrylate        | 10.982 | 69    | 1448     | 0.646     | ug/l #     | 1        |
| 57) 1,3-Dichloropropane       | 11.200 | 76    | 4570     | 1.194     | ug/l #     | 42       |
| 59) 2-Hexanone                | 11.170 | 43    | 75010    | 41.352    | ug/l #     | 19       |
| 71) Bromoform                 | 12.847 | 173   | 746      | 0.337     | ug/l #     | 1        |
| 74) N-amyl acetate            | 12.488 | 43    | 937      | 0.273     | ug/l #     | 39       |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75    | 92001    | 26.534    | ug/l #     | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75    | 92001    | 89.646    | ug/l #     | 15       |
| 95) Naphthalene               | 15.641 | 128   | 2971     | 0.369     | ug/l #     | 95       |

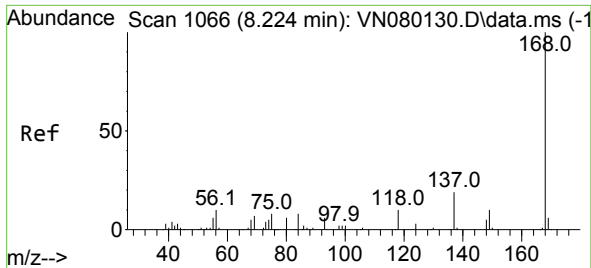
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120423\  
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Acq On : 04 Dec 2023 12:47  
Operator : JC\MD  
Sample : PB157524ZHE#01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

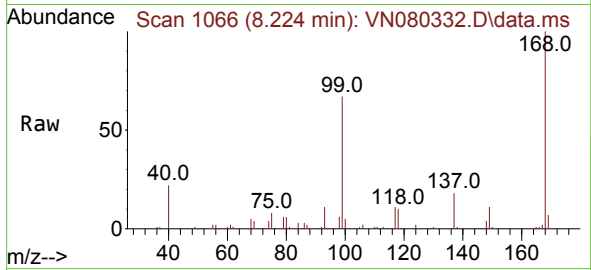
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 17 01:19:32 2023  
Response via : Initial Calibration



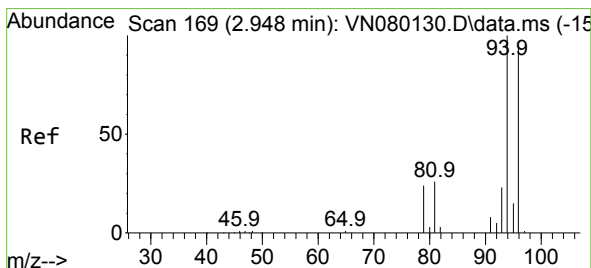
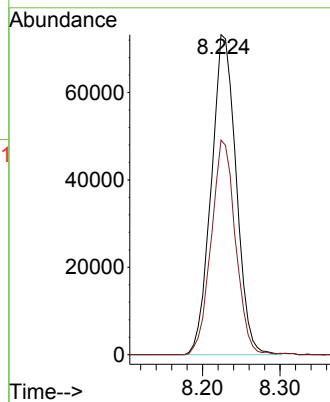
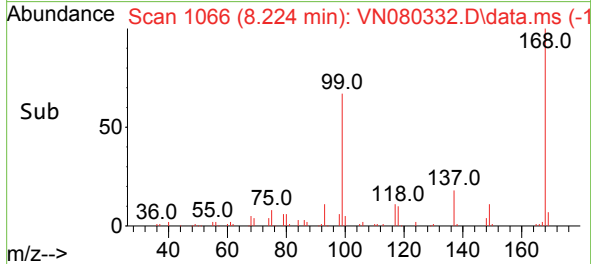


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :

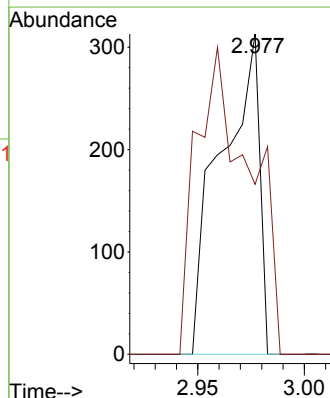
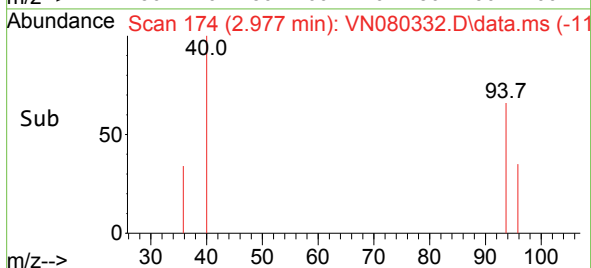
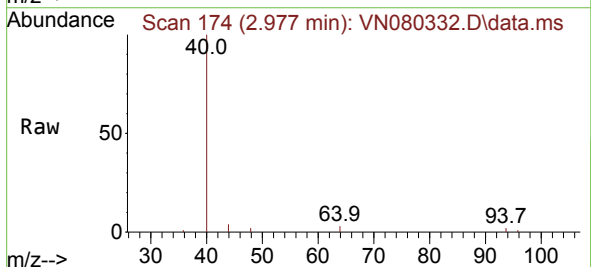


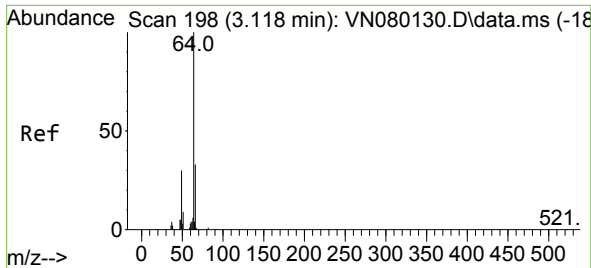
Tgt Ion:168 Resp: 163239  
Ion Ratio Lower Upper  
168 100  
99 67.1 53.0 79.6



#5  
Bromomethane  
Concen: 0.300 ug/l  
RT: 2.977 min Scan# 174  
Delta R.T. 0.029 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 94 Resp: 394  
Ion Ratio Lower Upper  
94 100  
96 53.0 73.1 109.7#

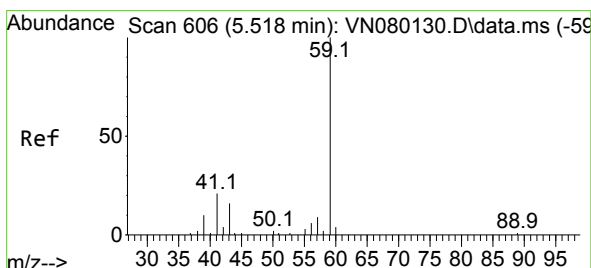
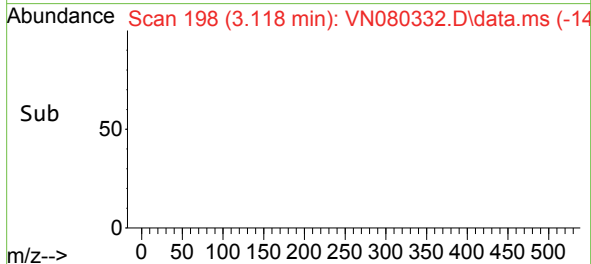
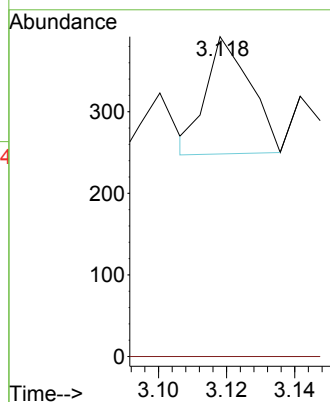
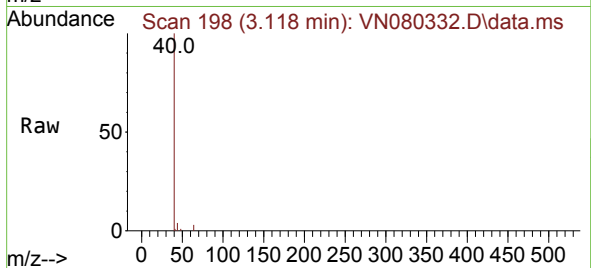




#6  
Chloroethane  
Concen: Below Cal  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

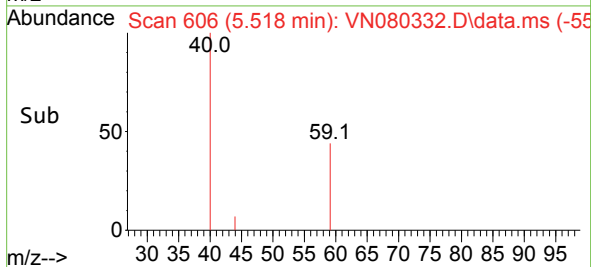
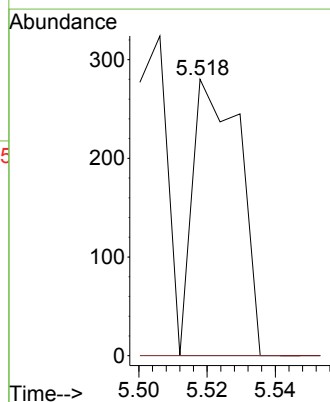
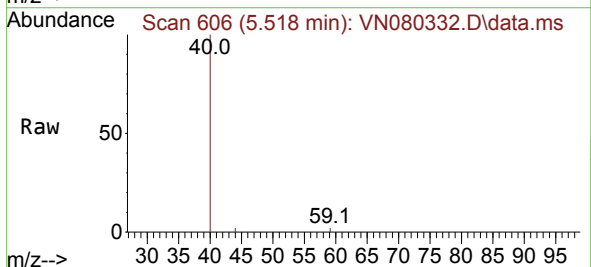
Instrument :  
MSVOA\_N  
ClientSampleId :

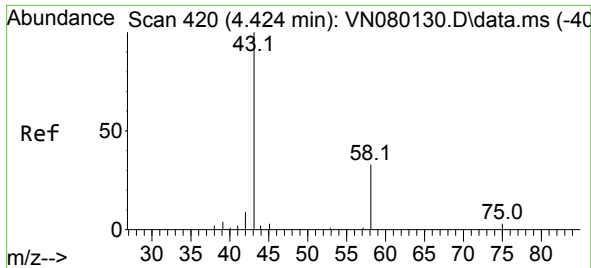
Tgt Ion: 64 Resp: 129  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.2#



#11  
Tert butyl alcohol  
Concen: 0.908 ug/l  
RT: 5.518 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 59 Resp: 269  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

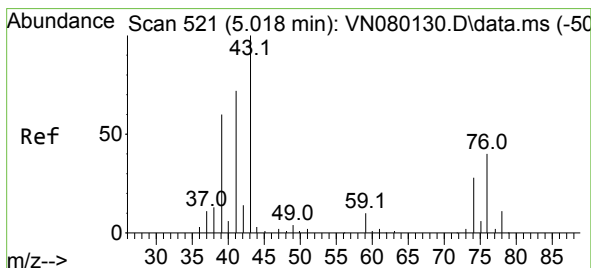
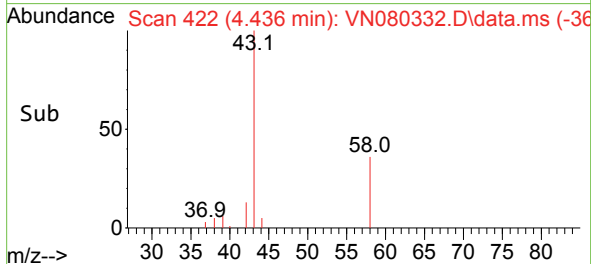
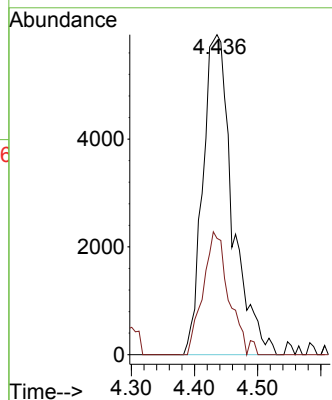
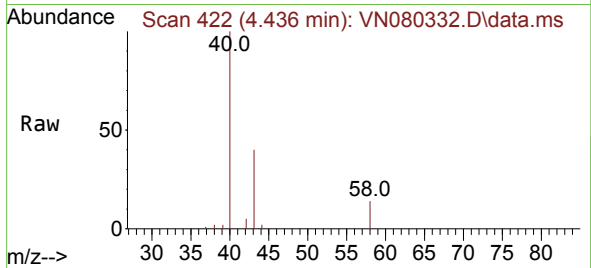




#16  
Acetone  
Concen: 21.404 ug/l  
RT: 4.436 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

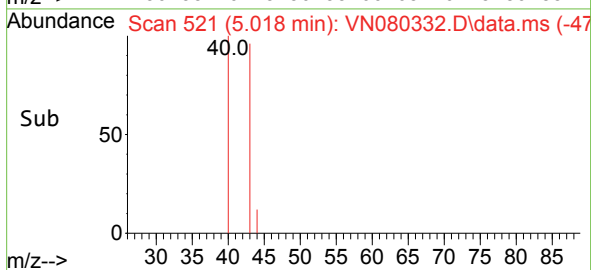
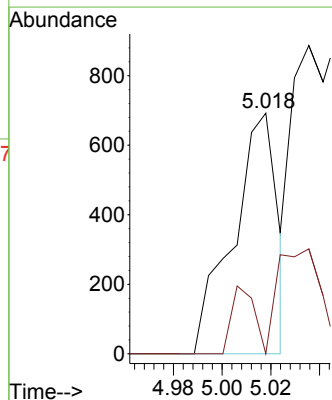
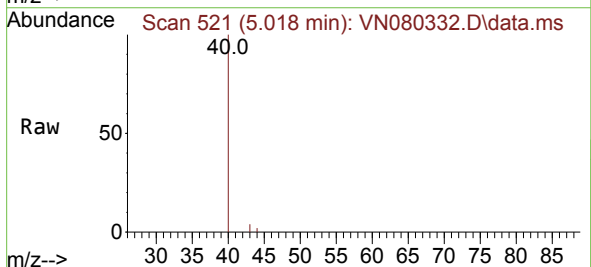
Instrument :  
MSVOA\_N  
ClientSampleId :

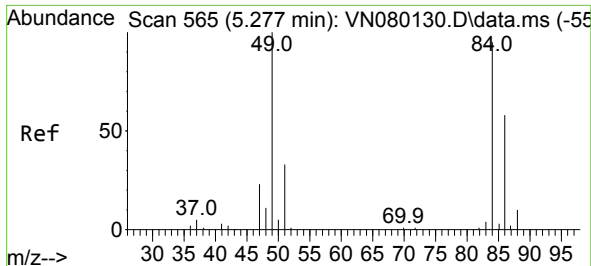
Tgt Ion: 43 Resp: 19377  
Ion Ratio Lower Upper  
43 100  
58 36.3 28.0 42.0



#18  
Methyl Acetate  
Concen: 0.302 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

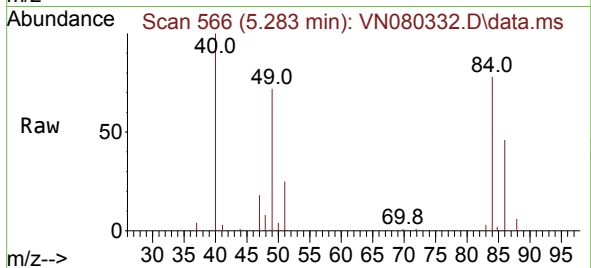
Tgt Ion: 43 Resp: 879  
Ion Ratio Lower Upper  
43 100  
74 14.2 26.2 39.4#





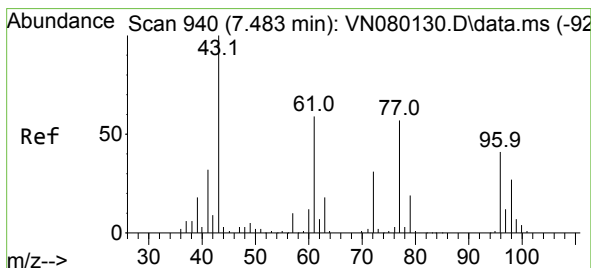
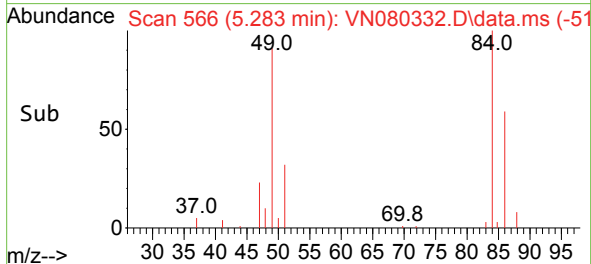
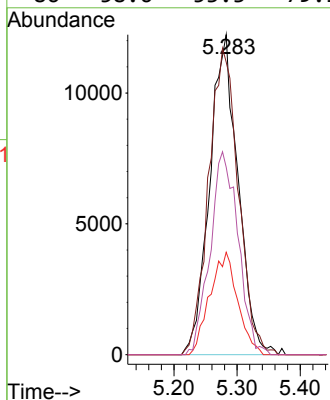
#20  
Methylene Chloride  
Concen: 20.113 ug/l  
RT: 5.283 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :



Tgt Ion: 84 Resp: 38131

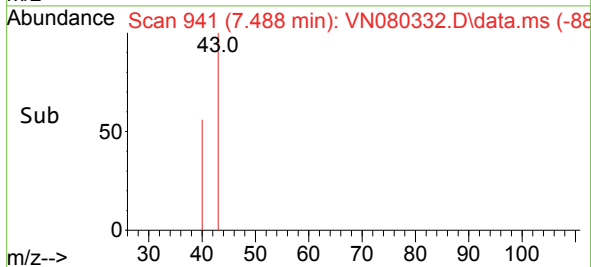
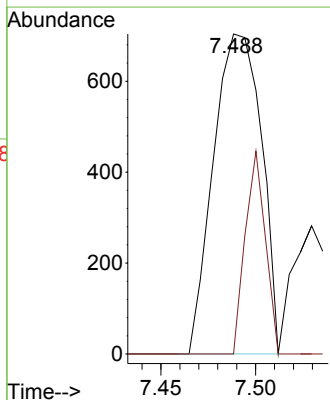
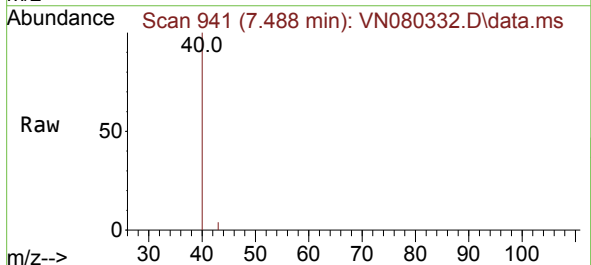
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 91.5  | 79.7  | 119.5 |
| 51  | 32.0  | 25.2  | 37.8  |
| 86  | 58.6  | 53.3  | 79.9  |

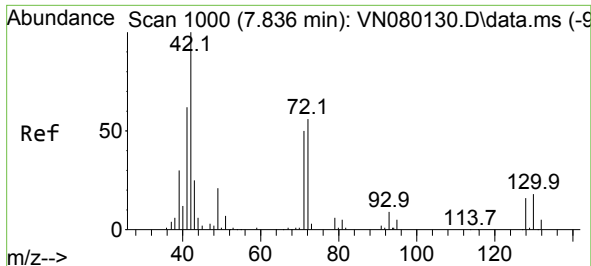


#25  
2-Butanone  
Concen: 1.153 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 43 Resp: 1240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 0.0   | 30.2  | 45.2# |





#29

Tetrahydrofuran

Concen: 0.244 ug/l

RT: 7.847 min Scan# 1067

Delta R.T. 0.012 min

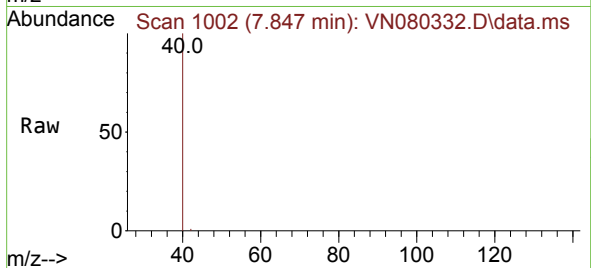
Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

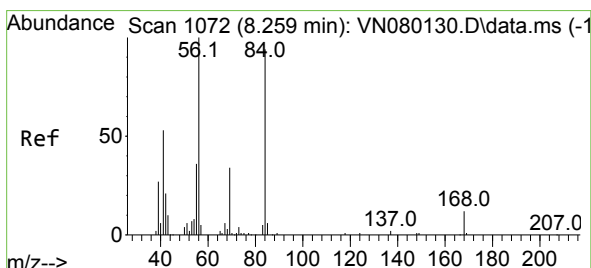
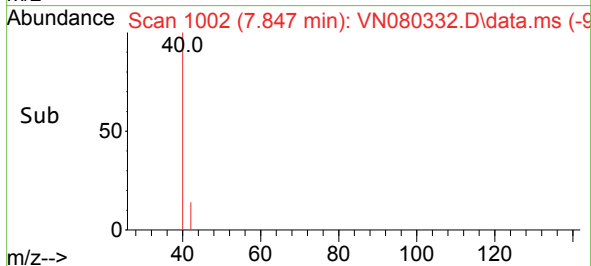
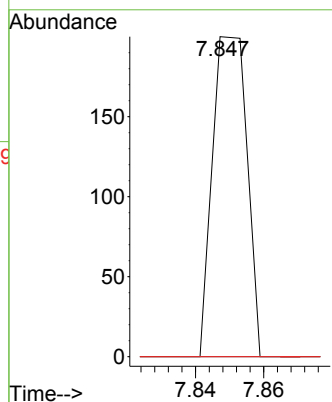
Instrument :

MSVOA\_N

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 141   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 49.8  | 74.6# |
| 71       | 0.0   | 47.4  | 71.2# |



#31

Cyclohexane

Concen: 1.200 ug/l

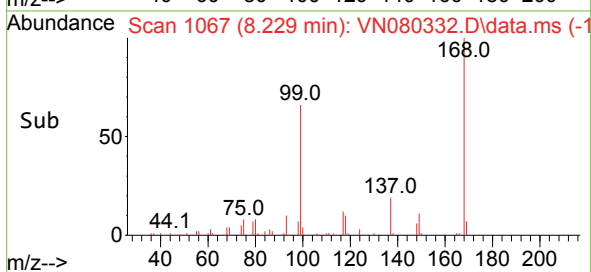
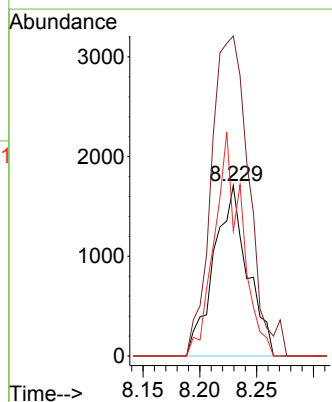
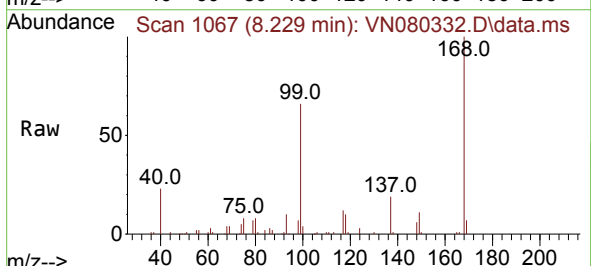
RT: 8.229 min Scan# 1067

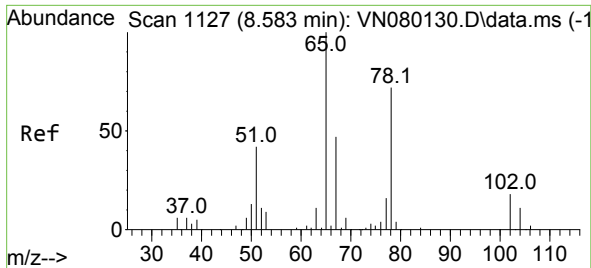
Delta R.T. -0.030 min

Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 3518   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 187.9 | 26.8  | 40.2#  |
| 84       | 73.4  | 81.8  | 122.6# |

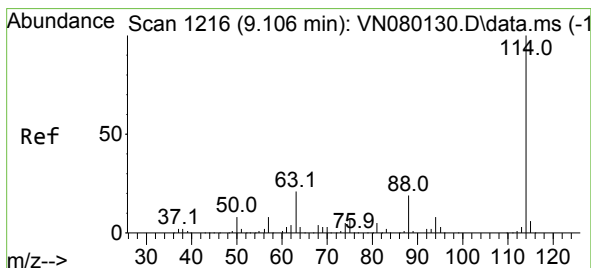
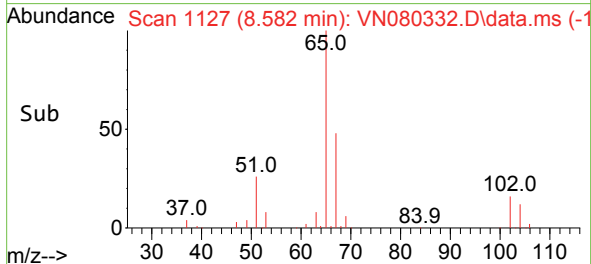
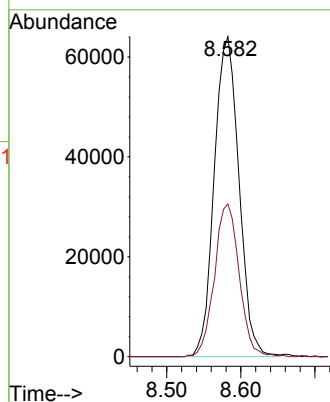
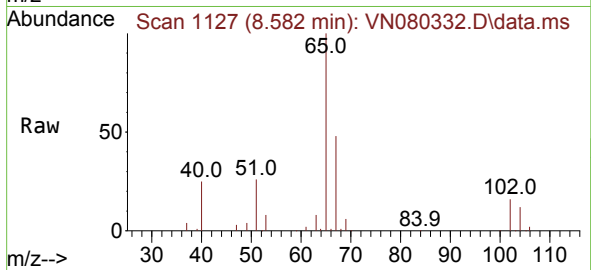




#33  
1,2-Dichloroethane-d4  
Concen: 55.129 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

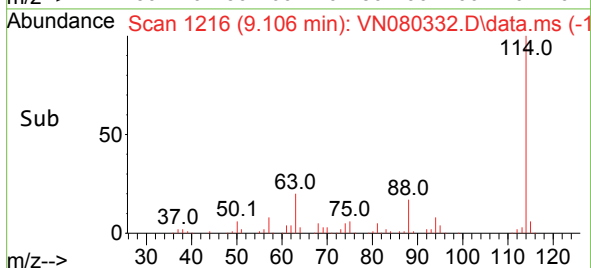
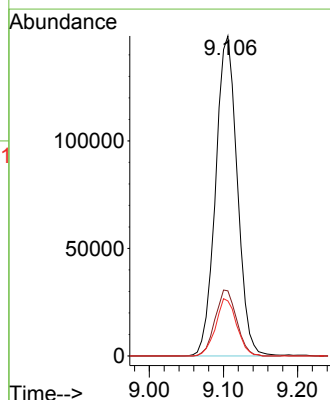
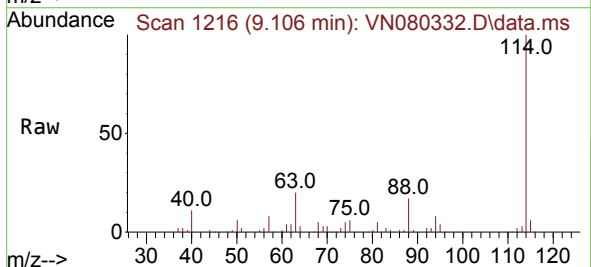
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 65 Resp: 148592  
Ion Ratio Lower Upper  
65 100  
67 47.7 0.0 106.6

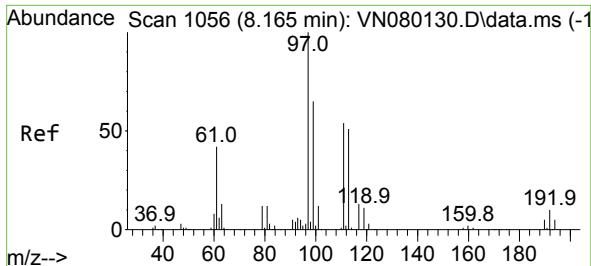


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1216  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 114 Resp: 302381  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 36.4  
88 17.2 0.0 30.6

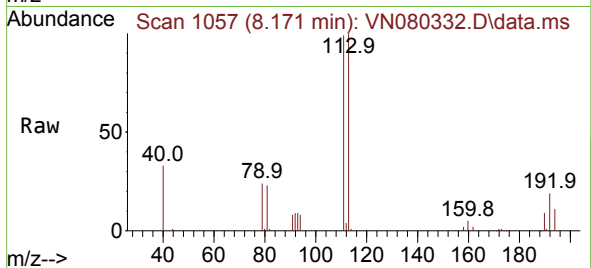




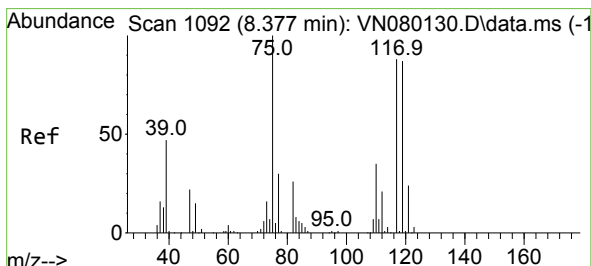
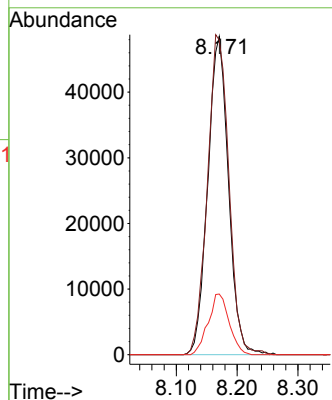
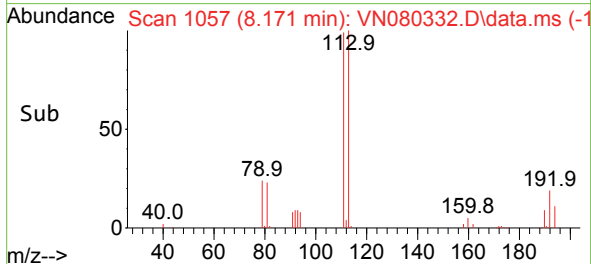


#35  
 Dibromofluoromethane  
 Concen: 51.221 ug/l  
 RT: 8.171 min Scan# 1056  
 Delta R.T. 0.006 min  
 Lab File: VN080332.D  
 Acq: 04 Dec 2023 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

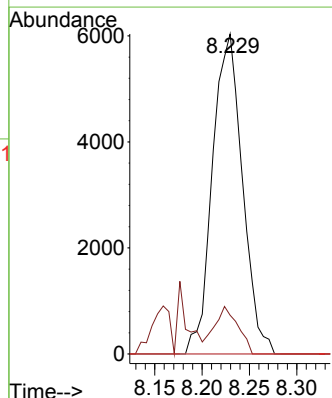
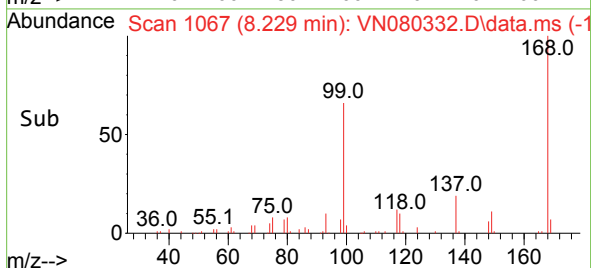
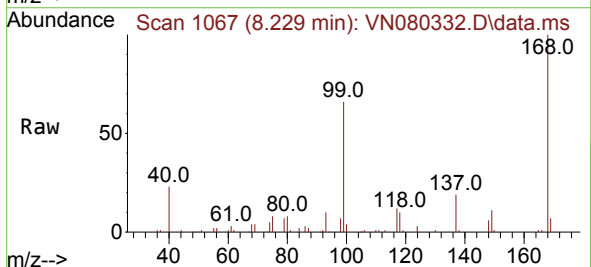


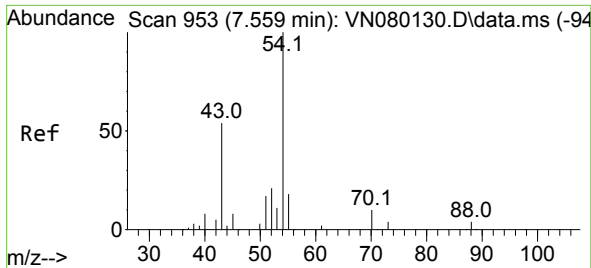
Tgt Ion:113 Resp: 114282  
 Ion Ratio Lower Upper  
 113 100  
 111 104.5 82.6 123.8  
 192 19.3 12.7 19.1#



#36  
 1,1-Dichloropropene  
 Concen: 4.119 ug/l  
 RT: 8.229 min Scan# 1067  
 Delta R.T. -0.147 min  
 Lab File: VN080332.D  
 Acq: 04 Dec 2023 12:47

Tgt Ion: 75 Resp: 13307  
 Ion Ratio Lower Upper  
 75 100  
 110 11.8 19.1 57.3#  
 77 0.0 25.0 37.4#

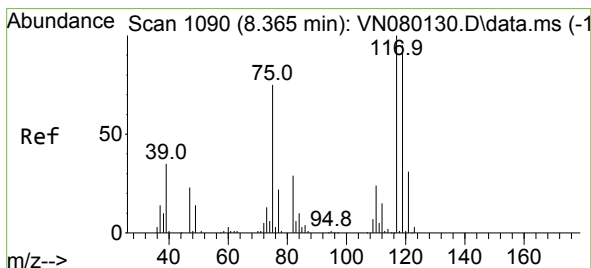
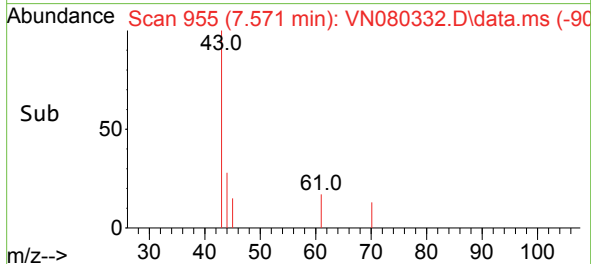
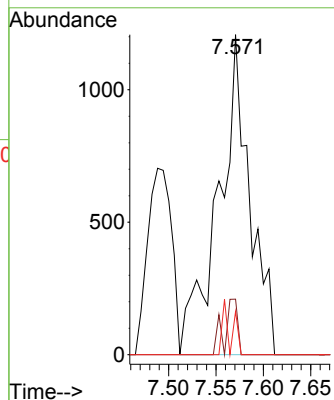
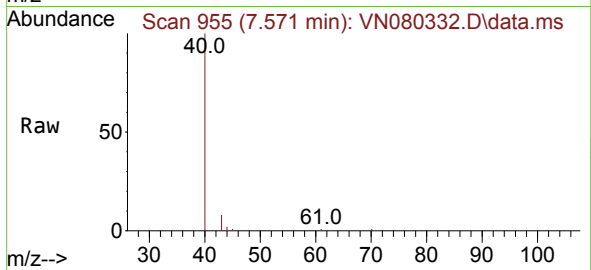




#37  
Ethyl Acetate  
Concen: 1.240 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

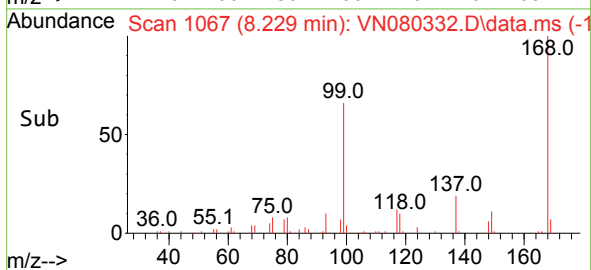
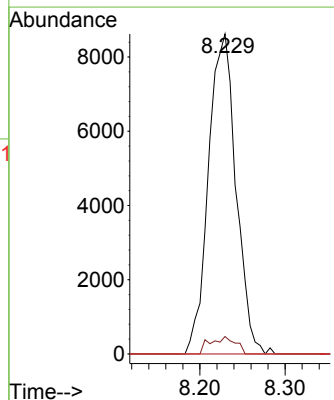
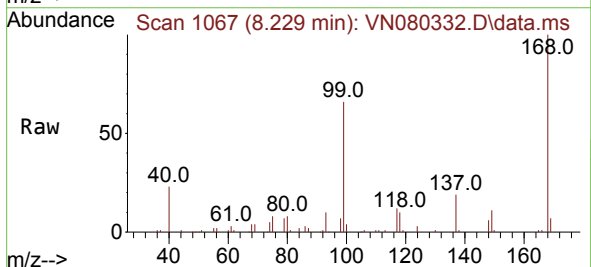
Instrument :  
MSVOA\_N  
ClientSampleId :

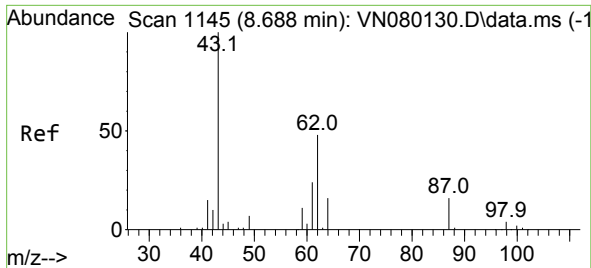
Tgt Ion: 43 Resp: 2778  
Ion Ratio Lower Upper  
43 100  
61 7.2 13.2 19.8#  
70 4.7 11.3 16.9#



#38  
Carbon Tetrachloride  
Concen: 4.726 ug/l  
RT: 8.229 min Scan# 1067  
Delta R.T. -0.135 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 117 Resp: 19373  
Ion Ratio Lower Upper  
117 100  
119 5.4 77.3 115.9#  
121 0.0 23.3 34.9#

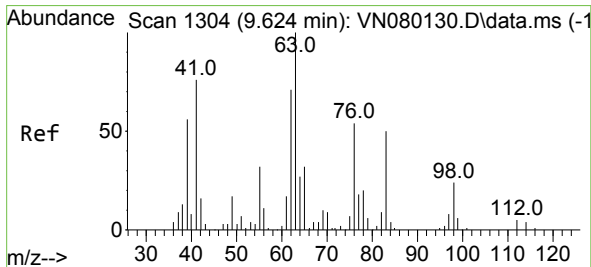
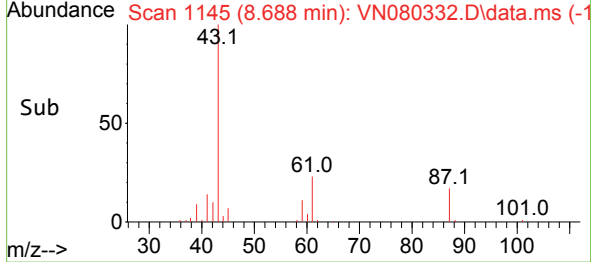
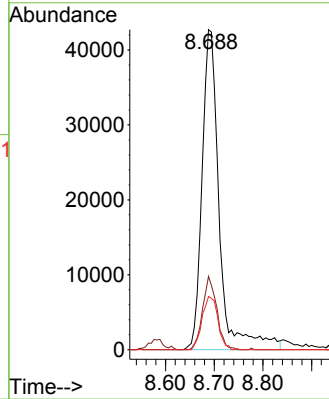
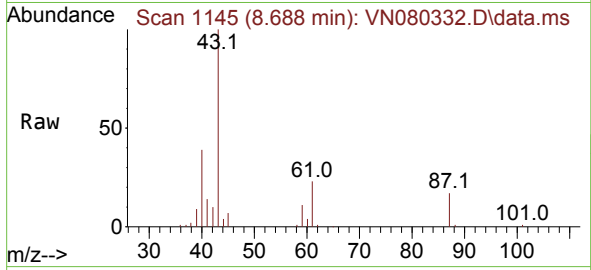




#43  
Isopropyl Acetate  
Concen: 24.037 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

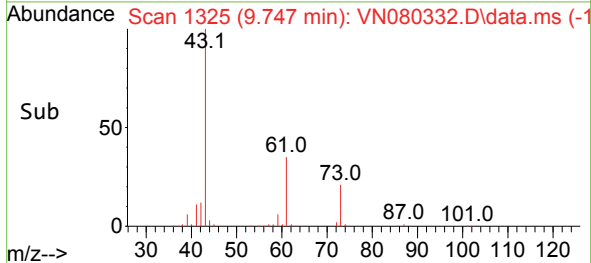
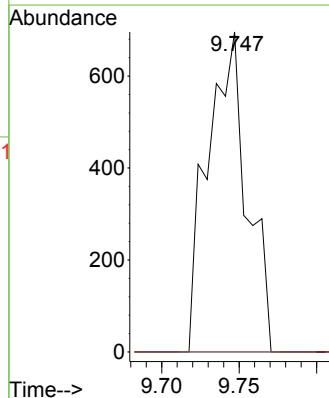
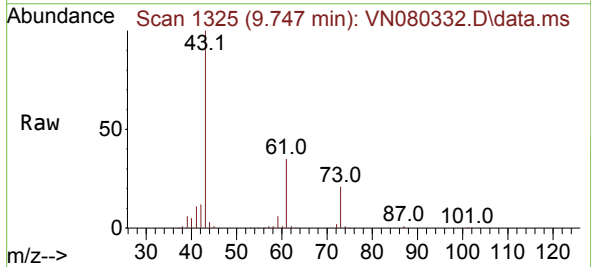
Instrument :  
MSVOA\_N  
ClientSampleId :

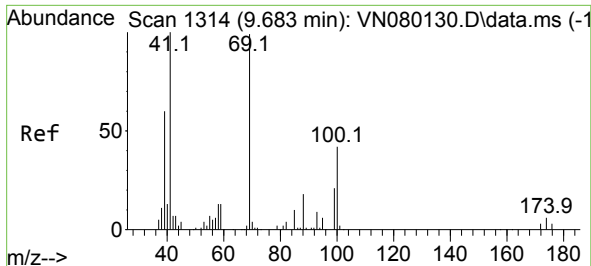
Tgt Ion: 43 Resp: 104807  
Ion Ratio Lower Upper  
43 100  
61 18.7 24.7 37.1#  
87 15.2 14.6 21.8



#45  
1,2-Dichloropropane  
Concen: 0.576 ug/l  
RT: 9.747 min Scan# 1325  
Delta R.T. 0.123 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

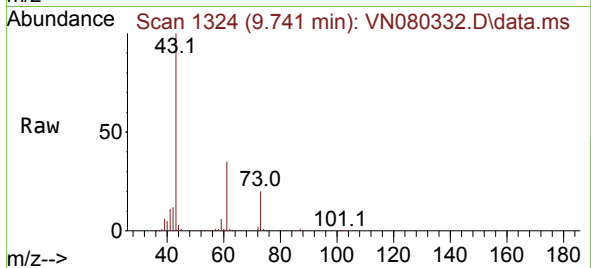
Tgt Ion: 63 Resp: 1228  
Ion Ratio Lower Upper  
63 100  
65 0.0 23.9 35.9#



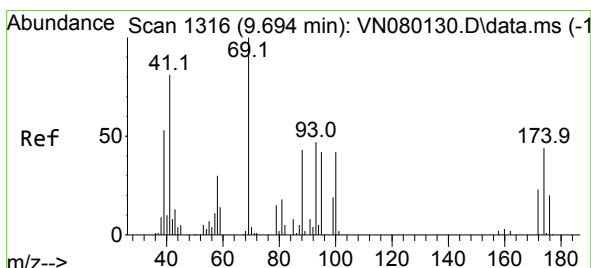
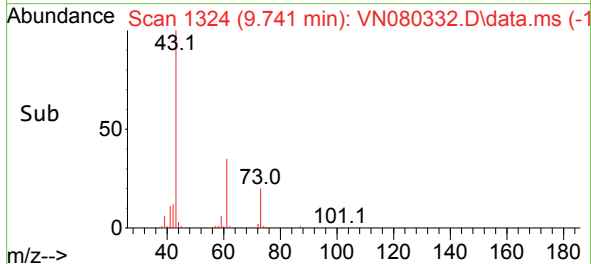
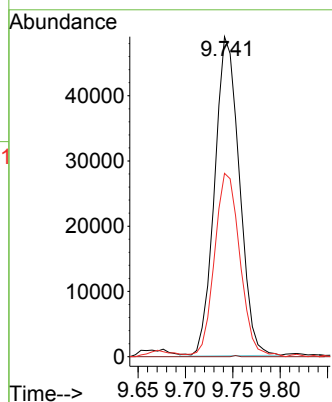


#48  
Methyl methacrylate  
Concen: 39.587 ug/l  
RT: 9.741 min Scan# 11  
Delta R.T. 0.059 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :

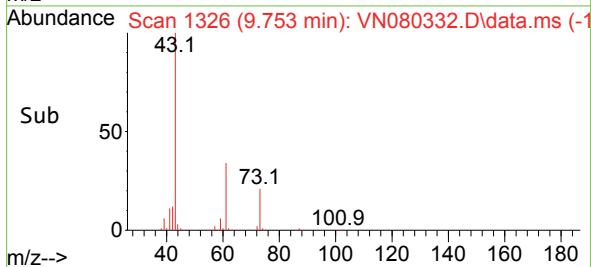
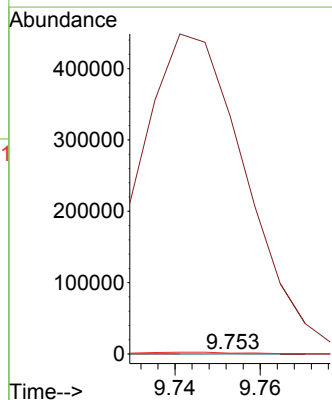
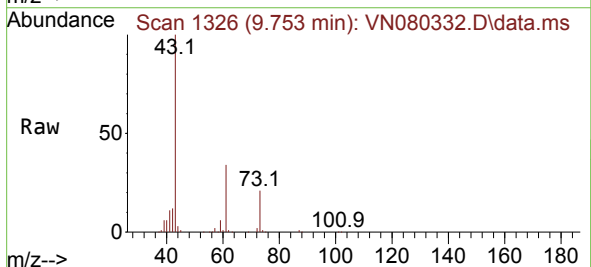


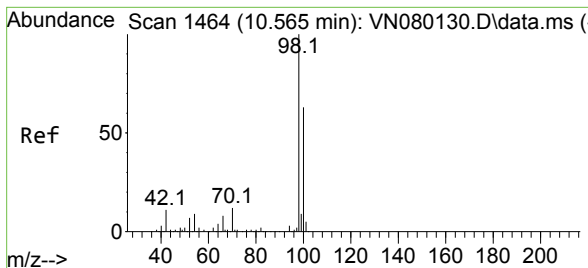
Tgt Ion: 41 Resp: 88952  
Ion Ratio Lower Upper  
41 100  
69 0.1 90.4 135.6#  
39 59.1 54.6 81.8



#49  
1,4-Dioxane  
Concen: 2.060 ug/l  
RT: 9.753 min Scan# 1326  
Delta R.T. 0.059 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 88 Resp: 77  
Ion Ratio Lower Upper  
88 100  
43 1061094.8 17.0 25.6#  
58 5632.5 47.0 70.4#

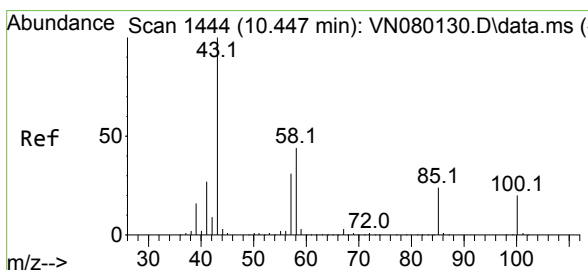
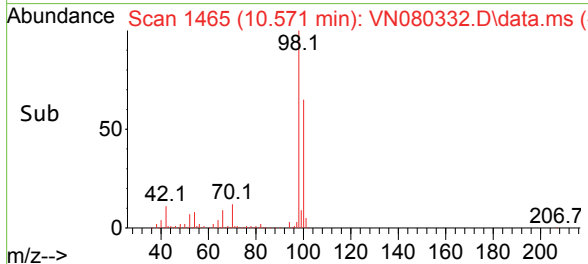
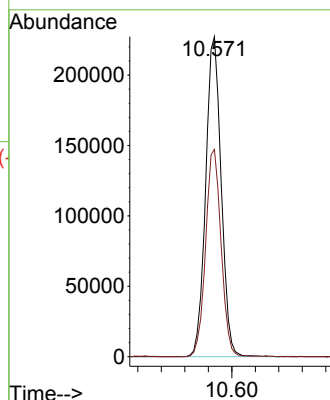
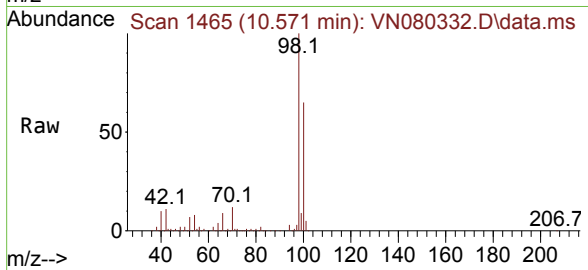




#50  
Toluene-d8  
Concen: 51.823 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. 0.006 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

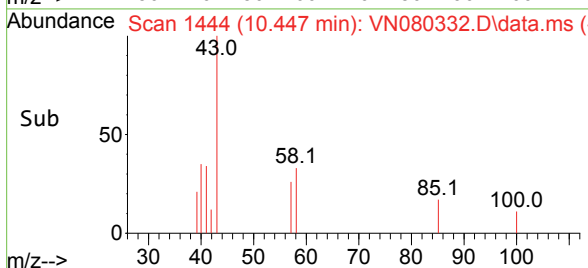
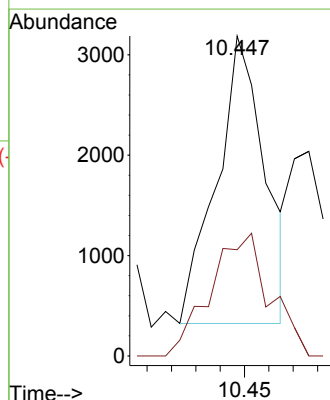
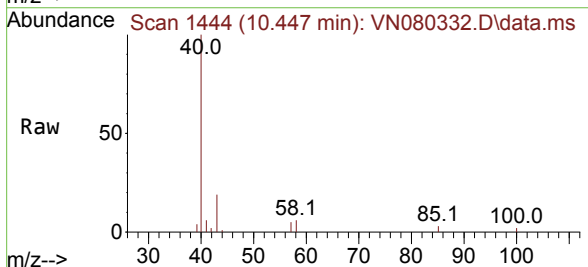
Instrument :  
MSVOA\_N  
ClientSampleId :

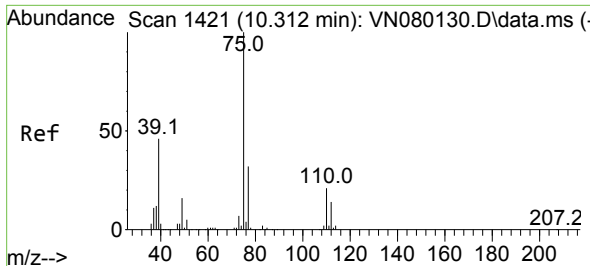
Tgt Ion: 98 Resp: 416810  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 1.748 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

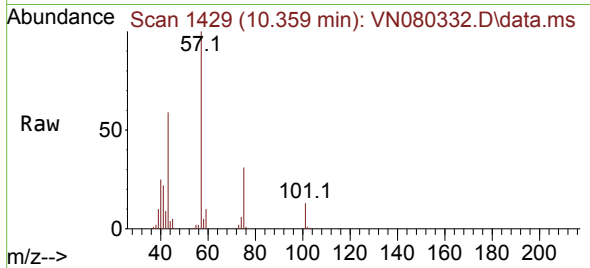
Tgt Ion: 43 Resp: 3947  
Ion Ratio Lower Upper  
43 100  
58 52.4 36.6 54.8



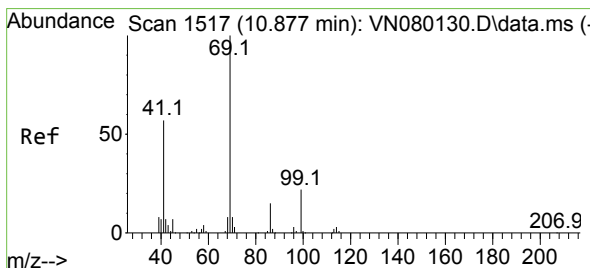
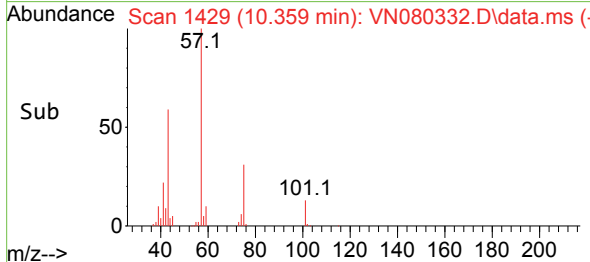
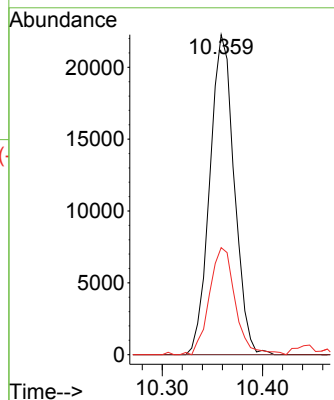


#54  
 cis-1,3-Dichloropropene  
 Concen: 10.131 ug/l  
 RT: 10.359 min Scan# 1429  
 Delta R.T. 0.047 min  
 Lab File: VN080332.D  
 Acq: 04 Dec 2023 12:47

Instrument :  
 MSVOA\_N  
 ClientSampleId :

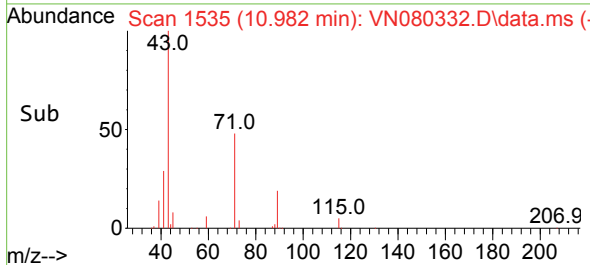
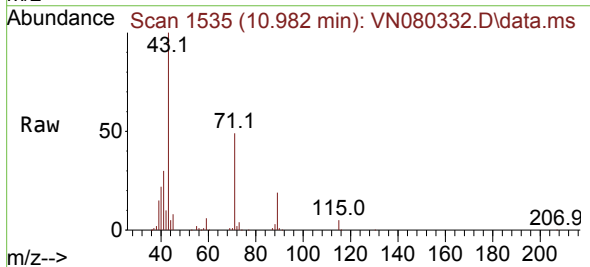
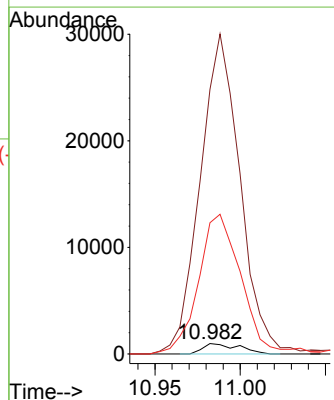


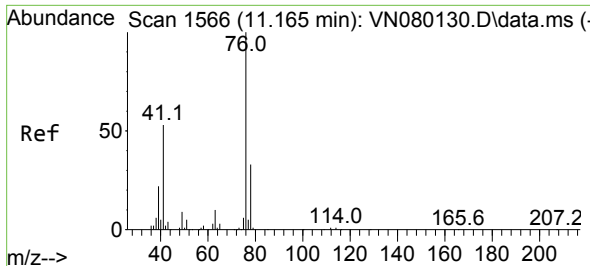
Tgt Ion: 75 Resp: 37779  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.1 39.1#  
 39 33.4 31.6 47.4



#56  
 Ethyl methacrylate  
 Concen: 0.646 ug/l  
 RT: 10.982 min Scan# 1535  
 Delta R.T. 0.106 min  
 Lab File: VN080332.D  
 Acq: 04 Dec 2023 12:47

Tgt Ion: 69 Resp: 1448  
 Ion Ratio Lower Upper  
 69 100  
 41 3401.6 39.6 59.4#  
 39 1579.9 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.194 ug/l

RT: 11.200 min Scan# 1572

Delta R.T. 0.035 min

Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

Instrument :

MSVOA\_N

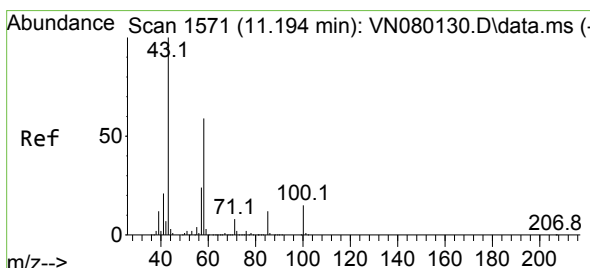
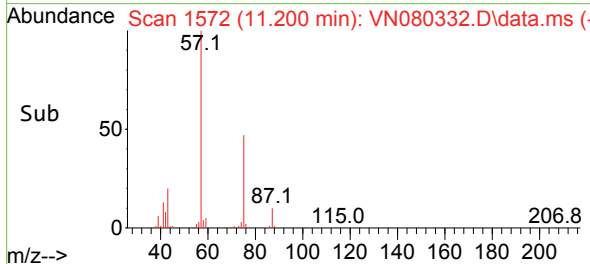
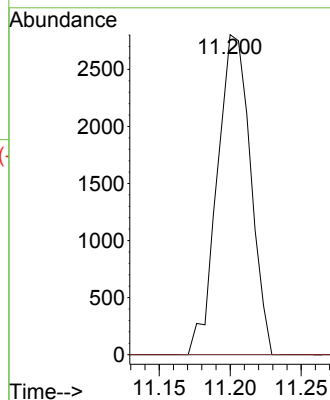
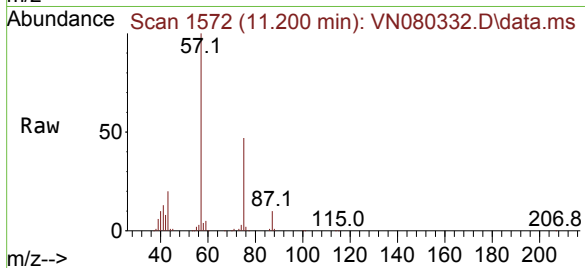
ClientSampleId :

Tgt Ion: 76 Resp: 4570

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 41.352 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.024 min

Lab File: VN080332.D

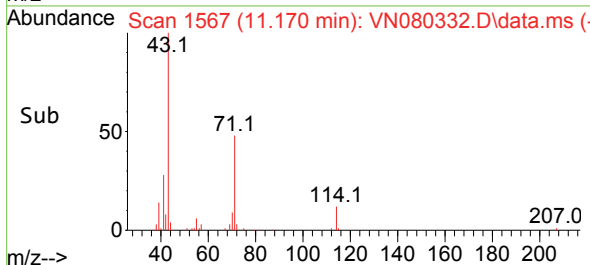
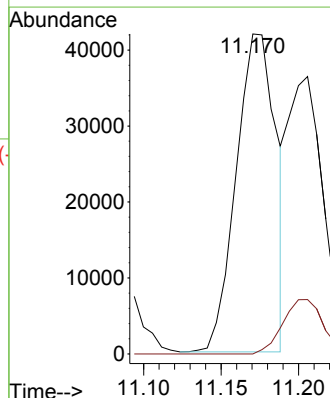
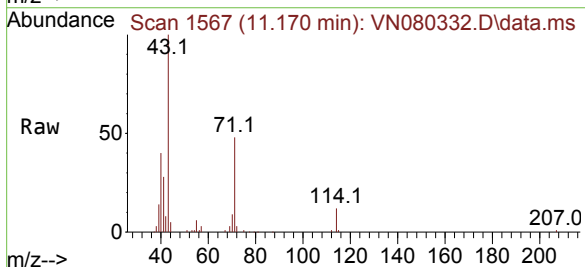
Acq: 04 Dec 2023 12:47

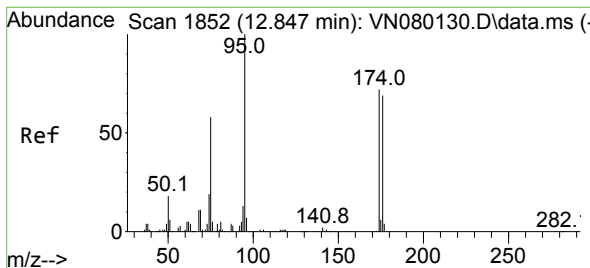
Tgt Ion: 43 Resp: 75010

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

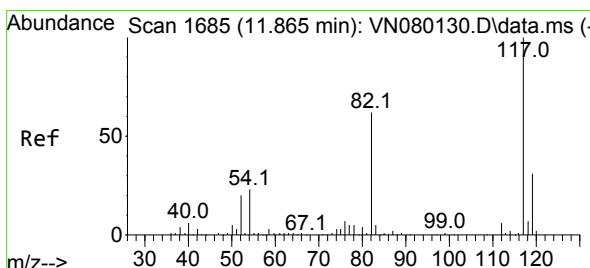
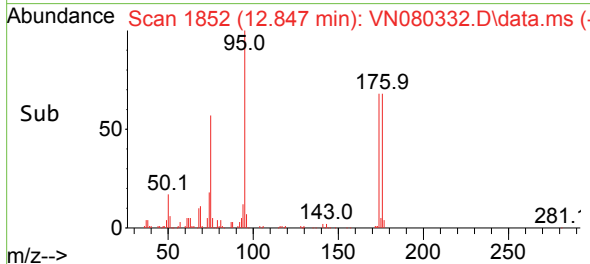
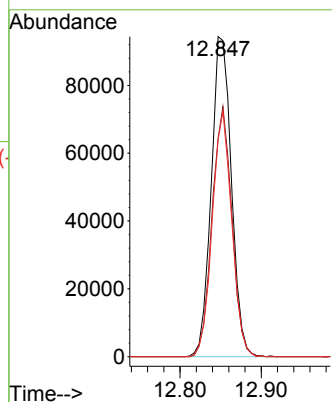
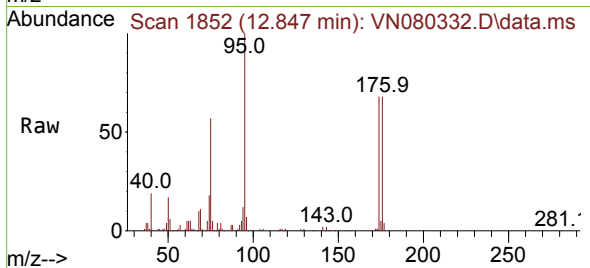




#62  
4-Bromofluorobenzene  
Concen: 53.550 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

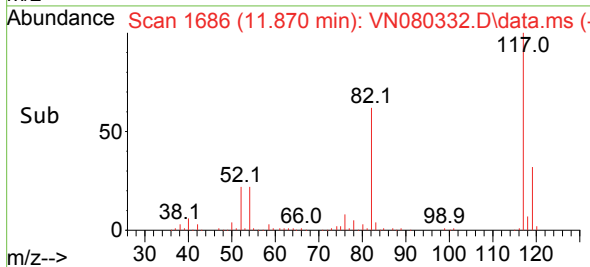
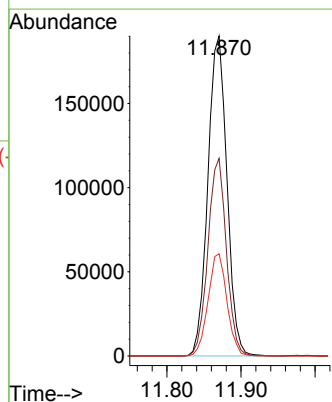
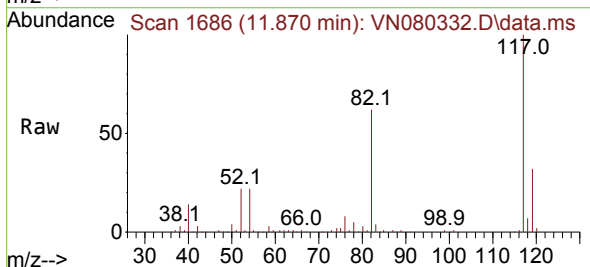
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 95 Resp: 162683  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 143.8  
176 74.2 0.0 135.8

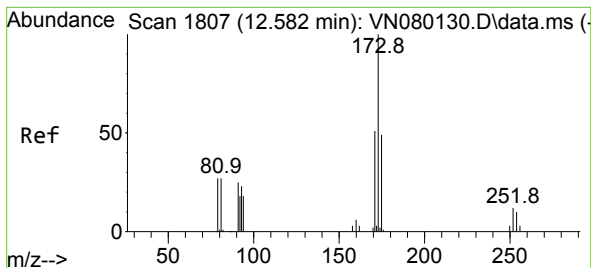


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion: 117 Resp: 339278  
Ion Ratio Lower Upper  
117 100  
82 61.8 44.0 66.0  
119 32.0 25.6 38.4







#71

Bromoform

Concen: 0.337 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.264 min

Lab File: VN080332.D

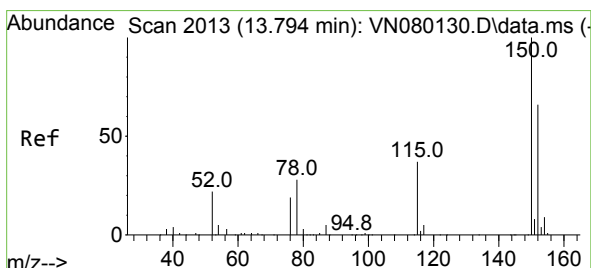
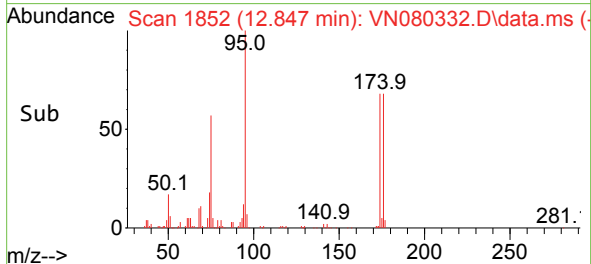
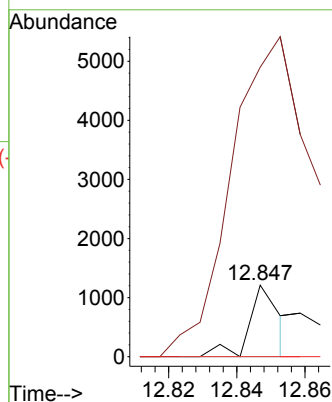
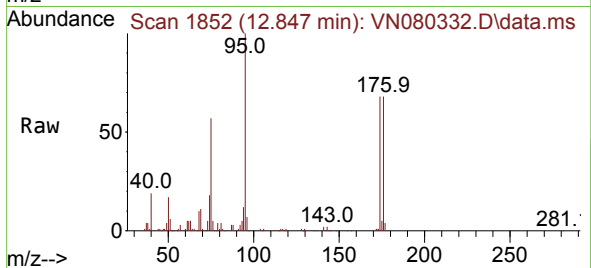
Acq: 04 Dec 2023 12:47

Instrument :

MSVOA\_N

ClientSampleId :

|             |        |            |
|-------------|--------|------------|
| Tgt Ion:173 | Resp:  | 746        |
| Ion Ratio   | Lower  | Upper      |
| 173         | 100    |            |
| 175         | 1001.9 | 24.3 73.0# |
| 254         | 0.0    | 0.0 0.0    |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

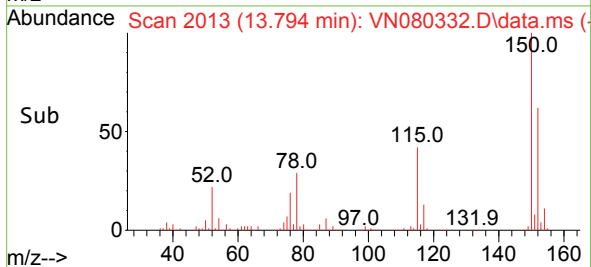
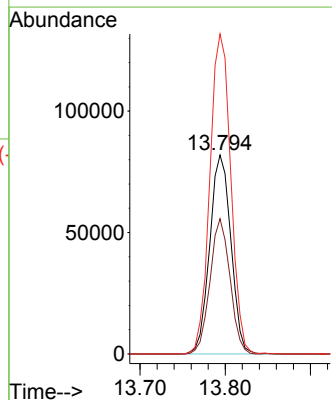
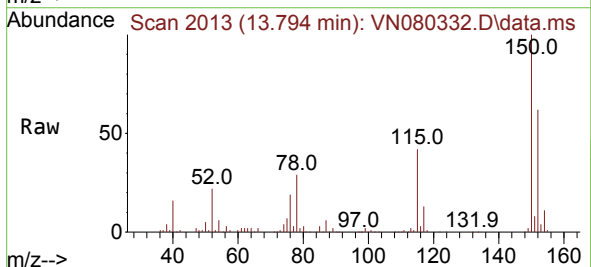
RT: 13.794 min Scan# 2013

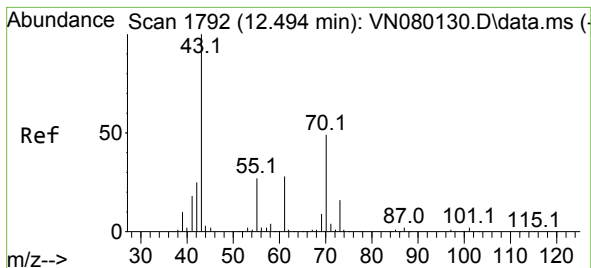
Delta R.T. -0.000 min

Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 141514    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 64.1  | 32.3 96.8 |
| 150         | 158.5 | 0.0 355.8 |





#74

N-amy1 acetate

Concen: 0.273 ug/l

RT: 12.488 min Scan# 1

Delta R.T. -0.006 min

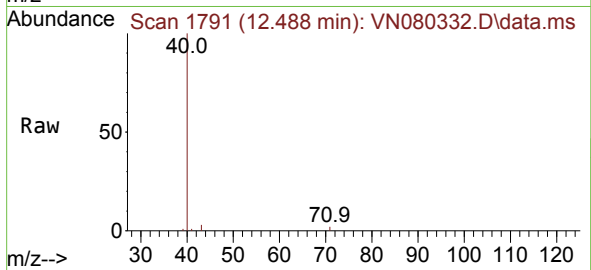
Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

Instrument :

MSVOA\_N

ClientSampleId :



Tgt Ion: 43 Resp: 937

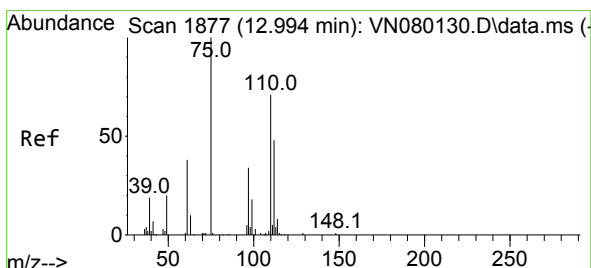
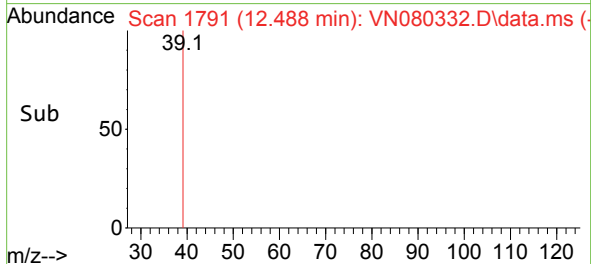
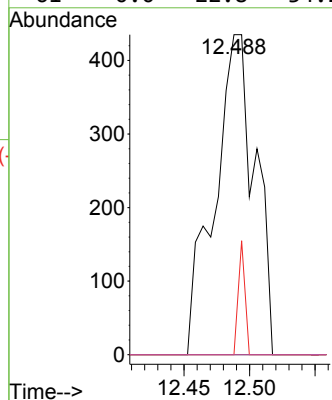
Ion Ratio Lower Upper

43 100

70 0.0 43.4 65.2#

55 5.9 21.4 32.0#

61 0.0 22.8 34.2#



#76

1,2,3-Trichloropropane

Concen: 26.534 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080332.D

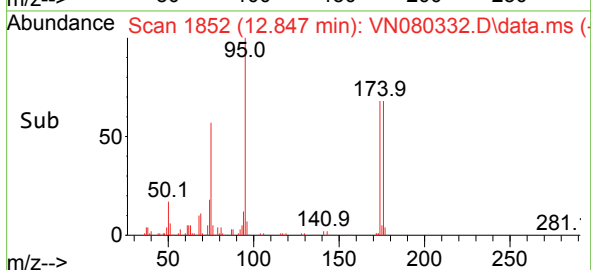
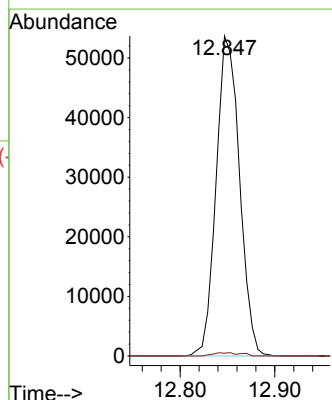
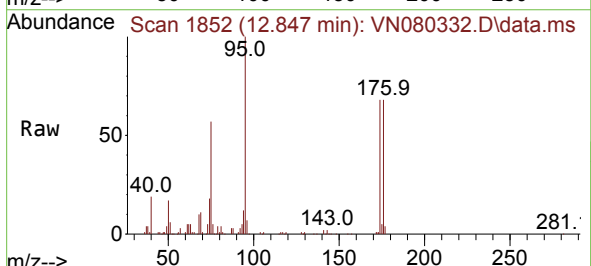
Acq: 04 Dec 2023 12:47

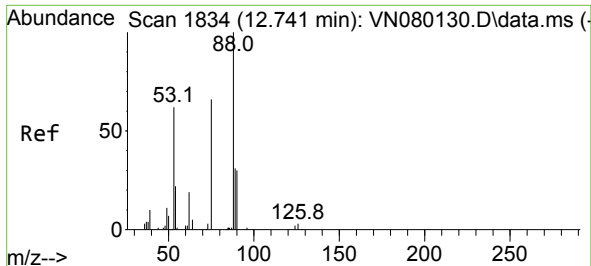
Tgt Ion: 75 Resp: 92001

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#

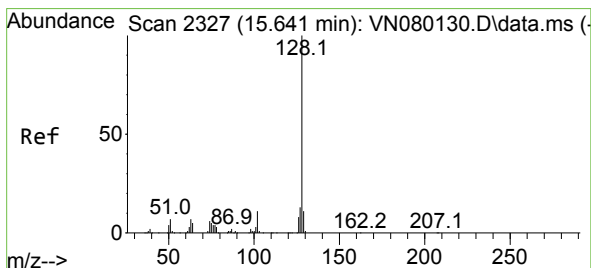
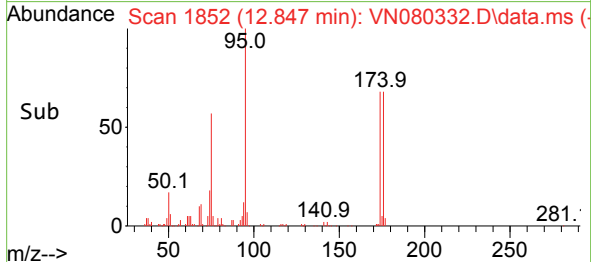
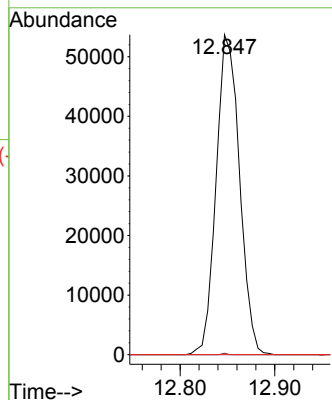
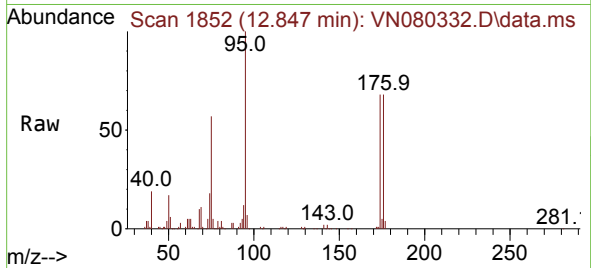




#81  
trans-1,4-Dichloro-2-butene  
Concen: 89.646 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.106 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 75 Resp: 92001  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.0 38.8 58.2#



#95  
Naphthalene  
Concen: 0.369 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN080332.D  
Acq: 04 Dec 2023 12:47

Tgt Ion:128 Resp: 2971  
Ion Ratio Lower Upper  
128 100  
127 11.4 10.0 15.0  
129 7.9 8.7 13.1#

