

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110723\  
 Data File : VN079970.D  
 Acq On : 07 Nov 2023 17:22  
 Operator : JC\MD  
 Sample : 05107-26DL 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 08 04:31:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 02 05:49:08 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 284588   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 583256   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.870 | 117  | 608334   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 258834   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 244722   | 56.442   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 112.880% |      |
| 35) Dibromofluoromethane    | 8.171  | 113   | 199254   | 48.268   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 96.540%  |      |
| 50) Toluene-d8              | 10.571 | 98    | 732807   | 48.221   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 96.440%  |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 273757   | 54.316   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 108.640% |      |

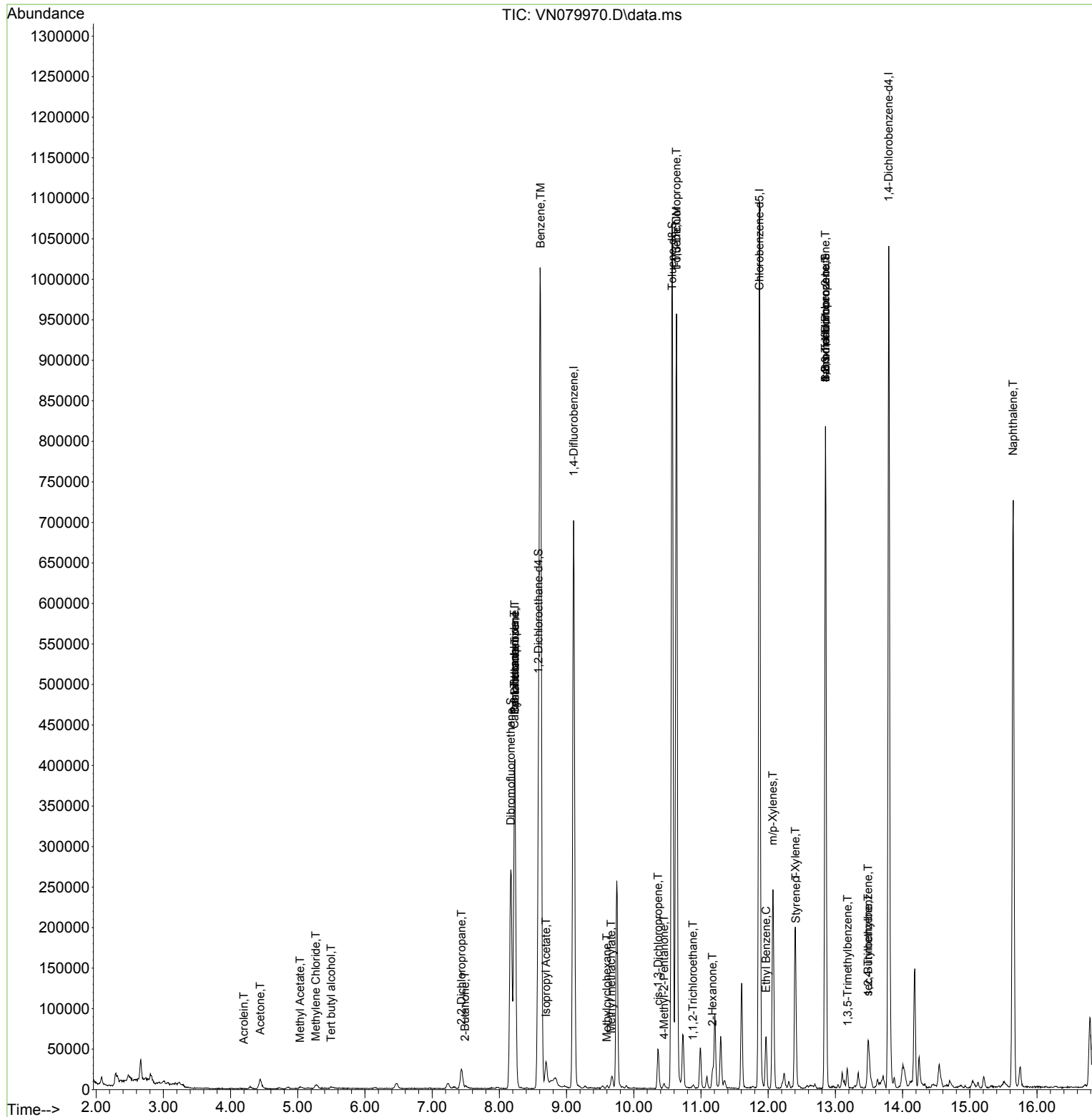
|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     | Qvalue |           |        |     |
| 3) Chloromethane              | 2.359  | 50  | 1587   | Below Cal | #      | 85  |
| 11) Tert butyl alcohol        | 5.494  | 59  | 1554   | 2.808     | ug/l # | 72  |
| 13) Acrolein                  | 4.200  | 56  | 59     | 2.693     | ug/l # | 31  |
| 16) Acetone                   | 4.442  | 43  | 22407  | 14.713    | ug/l # | 81  |
| 18) Methyl Acetate            | 5.036  | 43  | 4394   | 0.603     | ug/l # | 49  |
| 20) Methylene Chloride        | 5.271  | 84  | 4005   | 1.042     | ug/l # | 70  |
| 25) 2-Butanone                | 7.488  | 43  | 1886   | 0.846     | ug/l   | 94  |
| 26) 2,2-Dichloropropane       | 7.435  | 77  | 1509   | 0.276     | ug/l # | 53  |
| 31) Cyclohexane               | 8.230  | 56  | 8644   | 1.509     | ug/l # | 9   |
| 36) 1,1-Dichloropropene       | 8.230  | 75  | 25328  | 4.297     | ug/l # | 48  |
| 38) Carbon Tetrachloride      | 8.224  | 117 | 31375  | 5.282     | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.600  | 83  | 1246   | 0.225     | ug/l # | 86  |
| 40) Benzene                   | 8.612  | 78  | 962577 | 54.525    | ug/l   | 100 |
| 43) Isopropyl Acetate         | 8.694  | 43  | 36831  | 3.885     | ug/l # | 76  |
| 48) Methyl methacrylate       | 9.665  | 41  | 2287   | 0.551     | ug/l # | 29  |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43  | 6163   | 1.155     | ug/l # | 73  |
| 52) Toluene                   | 10.635 | 92  | 413520 | 39.511    | ug/l   | 98  |
| 53) t-1,3-Dichloropropene     | 10.635 | 75  | 5707   | 0.886     | ug/l # | 1   |
| 54) cis-1,3-Dichloropropene   | 10.365 | 75  | 7835   | 1.116     | ug/l # | 60  |
| 55) 1,1,2-Trichloroethane     | 10.882 | 97  | 3445   | 0.818     | ug/l # | 22  |
| 59) 2-Hexanone                | 11.171 | 43  | 20135  | 4.932     | ug/l # | 19  |
| 67) Ethyl Benzene             | 11.970 | 91  | 43902  | 1.910     | ug/l   | 99  |
| 68) m/p-Xylenes               | 12.070 | 106 | 74079  | 8.650     | ug/l   | 91  |
| 69) o-Xylene                  | 12.406 | 106 | 51638  | 6.261     | ug/l   | 96  |
| 70) Styrene                   | 12.412 | 104 | 13386  | 1.010     | ug/l # | 30  |
| 71) Bromoform                 | 12.853 | 173 | 1745   | 0.517     | ug/l # | 1   |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75  | 148048 | 24.363    | ug/l # | 1   |
| 80) 1,3,5-Trimethylbenzene    | 13.182 | 105 | 11321  | 0.741     | ug/l   | 92  |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75  | 148048 | 66.287    | ug/l # | 15  |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105 | 36700  | 2.441     | ug/l   | 84  |
| 85) sec-Butylbenzene          | 13.488 | 105 | 36700  | 2.117     | ug/l # | 57  |
| 95) Naphthalene               | 15.647 | 128 | 644215 | 47.303    | ug/l   | 100 |

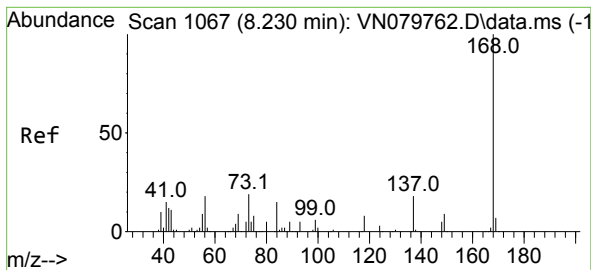
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110723\  
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Sample : 05107-26DL 10X  
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 08 04:31:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110123W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 02 05:49:08 2023  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

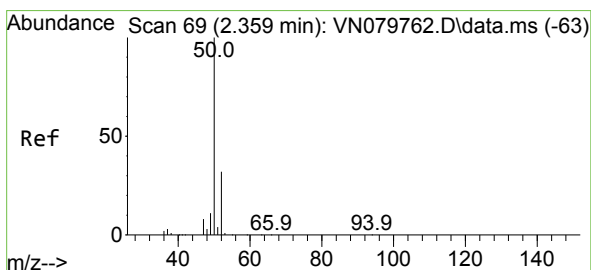
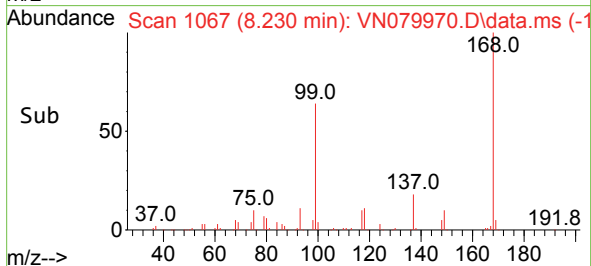
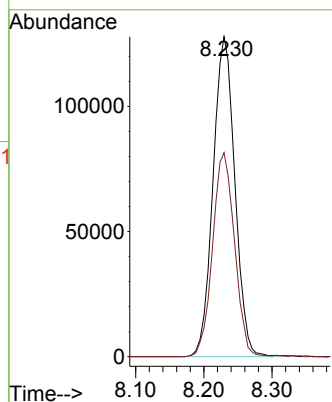
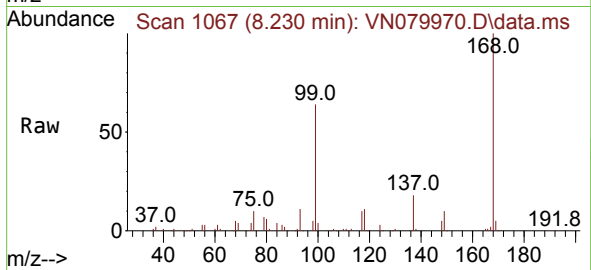
ClientSampleId :

Tgt Ion:168 Resp: 284588

Ion Ratio Lower Upper

168 100

99 63.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079970.D

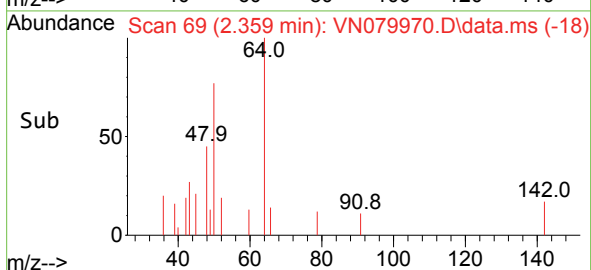
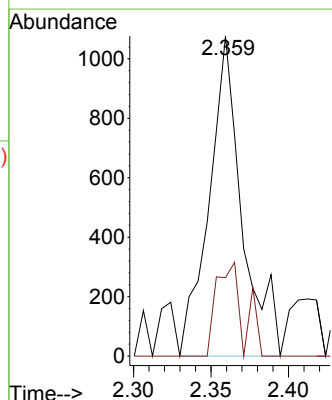
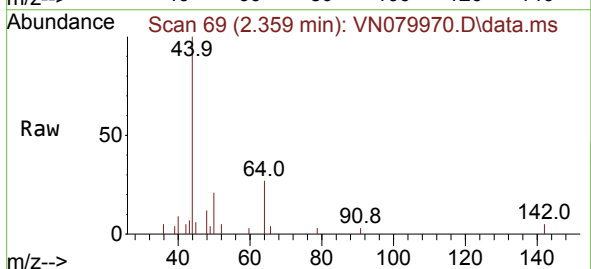
Acq: 07 Nov 2023 17:22

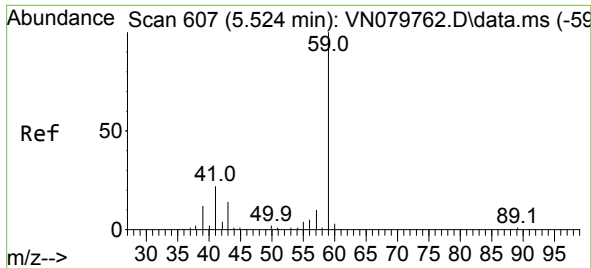
Tgt Ion: 50 Resp: 1587

Ion Ratio Lower Upper

50 100

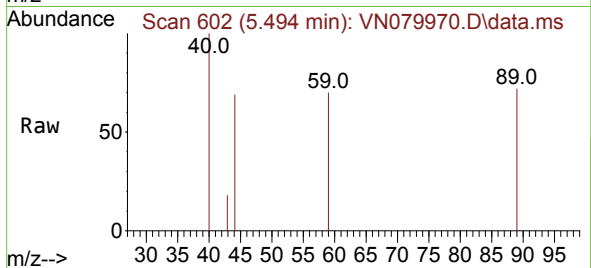
52 24.5 26.5 39.7#



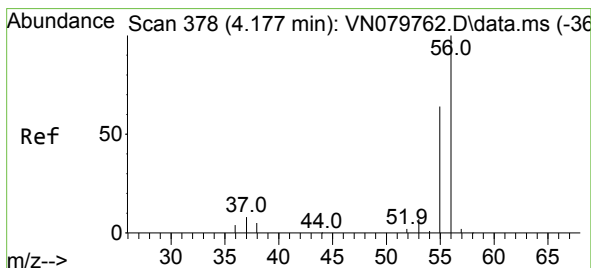
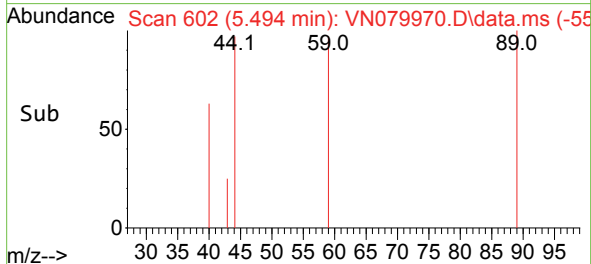
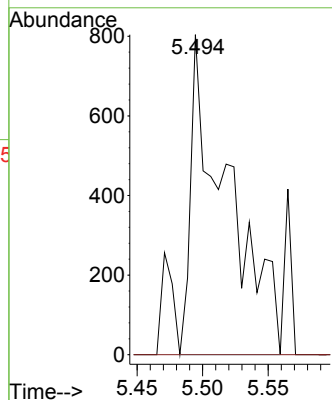


#11  
Tert butyl alcohol  
Concen: 2.808 ug/l  
RT: 5.494 min Scan# 60  
Delta R.T. -0.023 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Instrument :  
MSVOA\_N  
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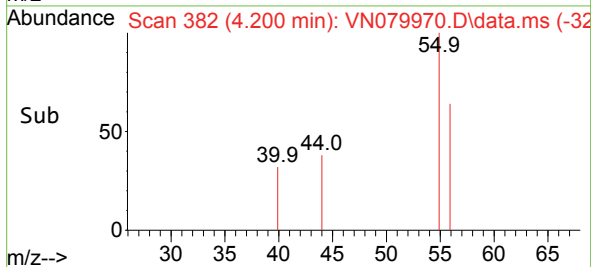
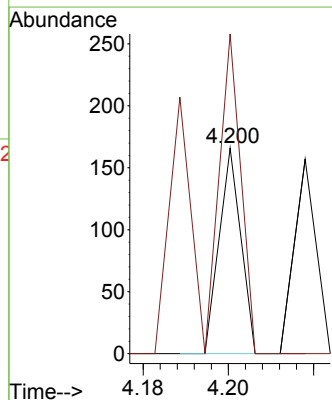
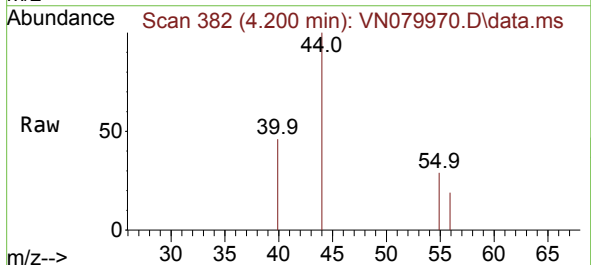


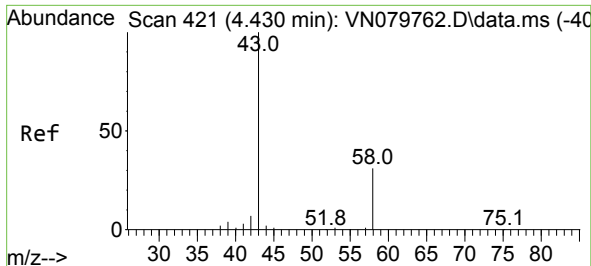
Tgt Ion: 59 Resp: 1554  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#13  
Acrolein  
Concen: 2.693 ug/l  
RT: 4.200 min Scan# 382  
Delta R.T. 0.017 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion: 56 Resp: 59  
Ion Ratio Lower Upper  
56 100  
55 123.7 54.5 81.7#

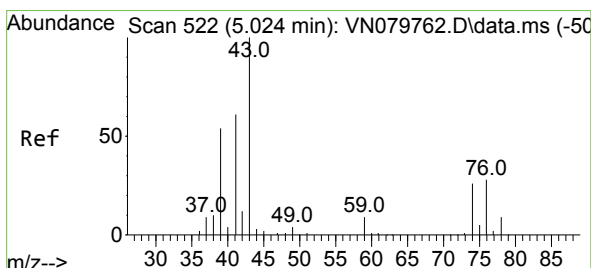
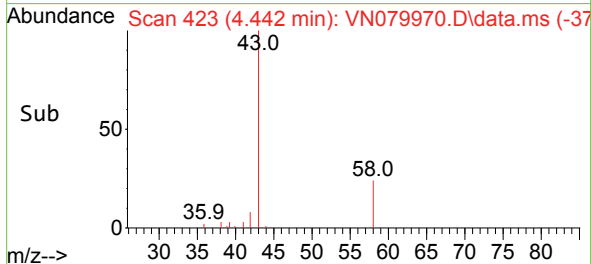
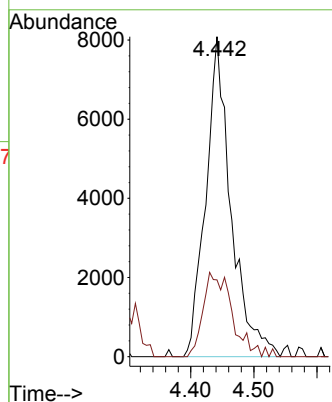
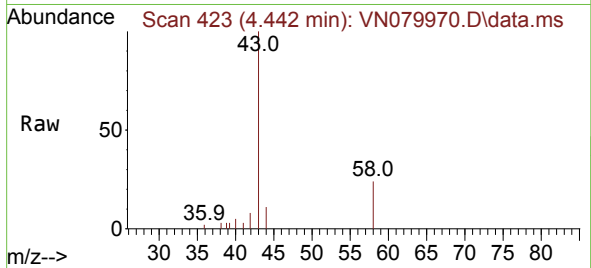




#16  
Acetone  
Concen: 14.713 ug/l  
RT: 4.442 min Scan# 41  
Delta R.T. 0.012 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

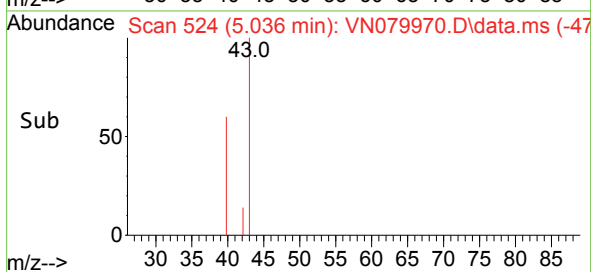
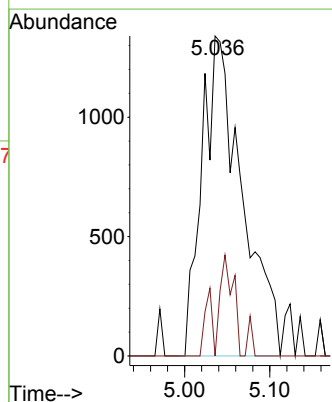
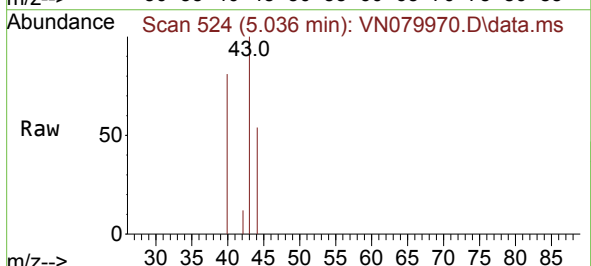
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 43 Resp: 22407  
Ion Ratio Lower Upper  
43 100  
58 24.0 28.0 42.0#



#18  
Methyl Acetate  
Concen: 0.603 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.012 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

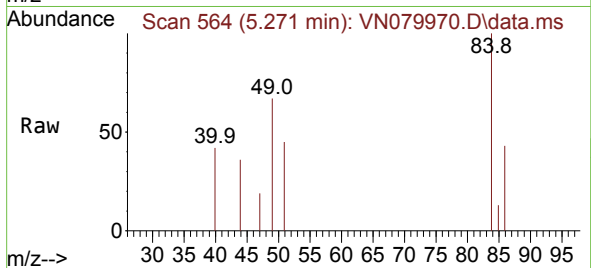
Tgt Ion: 43 Resp: 4394  
Ion Ratio Lower Upper  
43 100  
74 3.8 26.2 39.4#



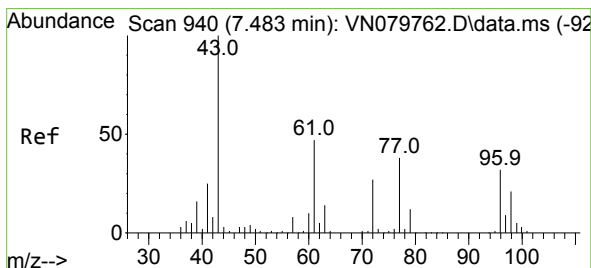
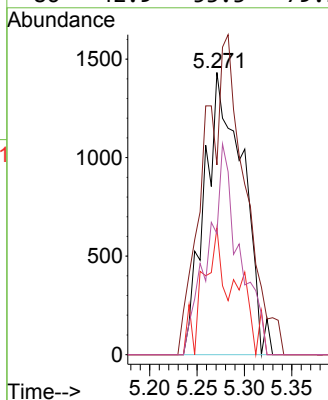


#20  
Methylene Chloride  
Concen: 1.042 ug/l  
RT: 5.271 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Instrument :  
MSVOA\_N  
ClientSampleId :

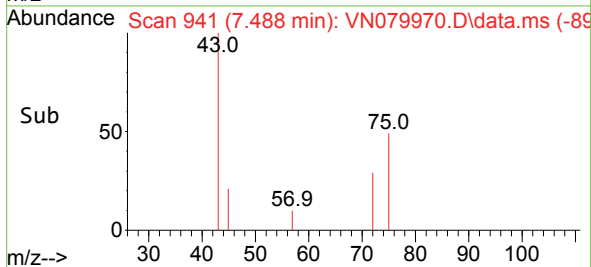
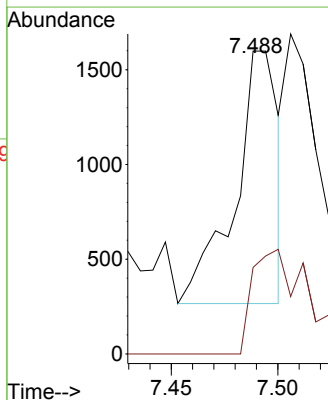
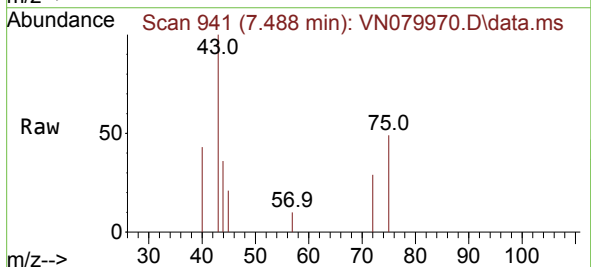


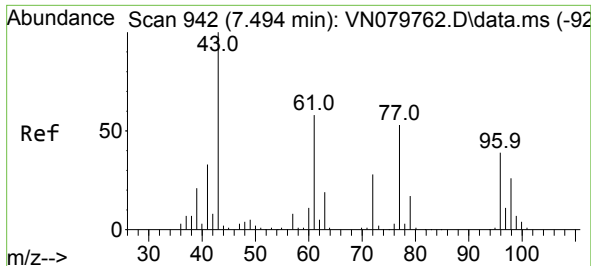
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|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 4005   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 67.2  | 79.7  | 119.5# |
| 51       | 44.9  | 25.2  | 37.8#  |
| 86       | 42.9  | 53.3  | 79.9#  |



#25  
2-Butanone  
Concen: 0.846 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 1886  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 34.3  | 30.2  | 45.2  |

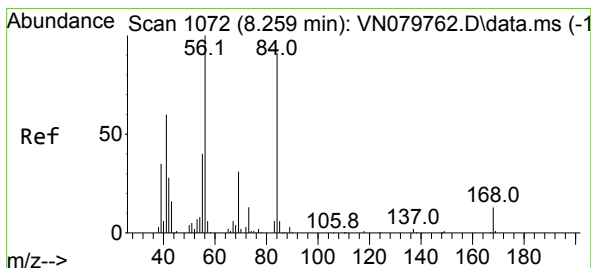
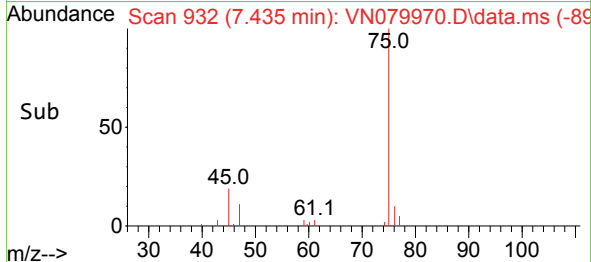
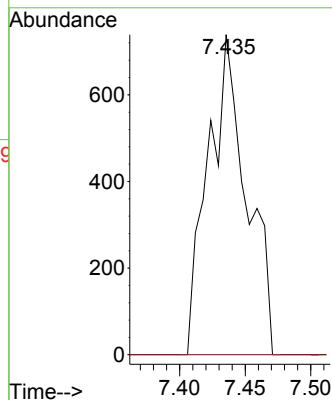
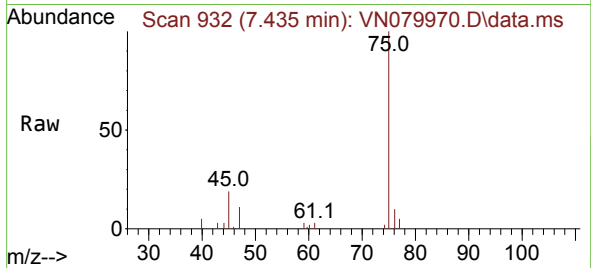




#26  
2,2-Dichloropropane  
Concen: 0.276 ug/l  
RT: 7.435 min Scan# 91  
Delta R.T. -0.053 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

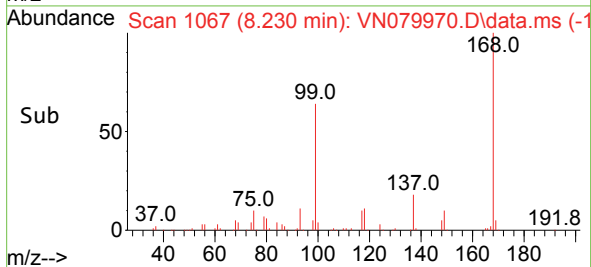
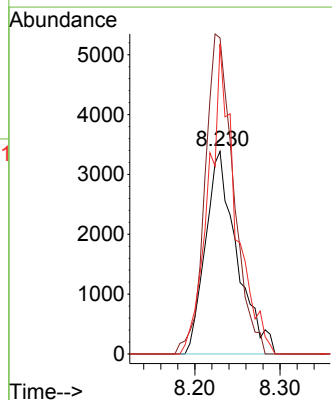
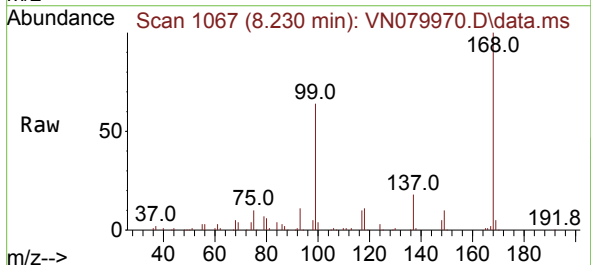
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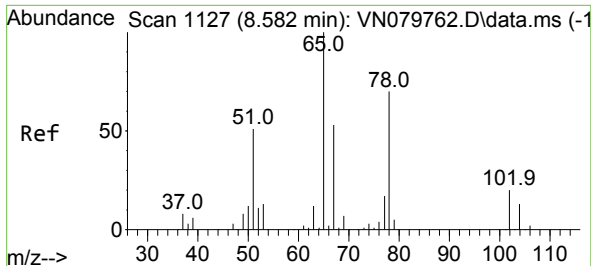
Tgt Ion: 77 Resp: 1509  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.2 33.6#



#31  
Cyclohexane  
Concen: 1.509 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.029 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion: 56 Resp: 8644  
Ion Ratio Lower Upper  
56 100  
69 155.9 26.8 40.2#  
84 153.1 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 56.442 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

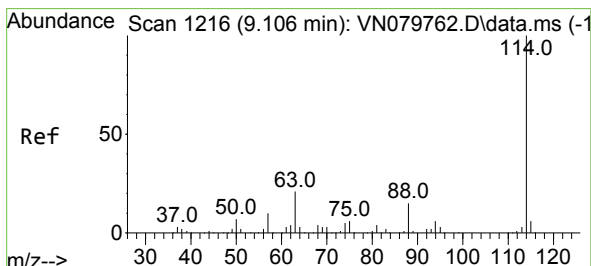
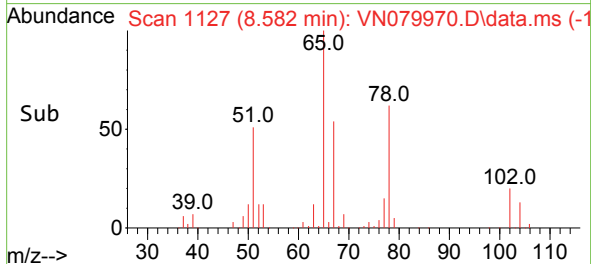
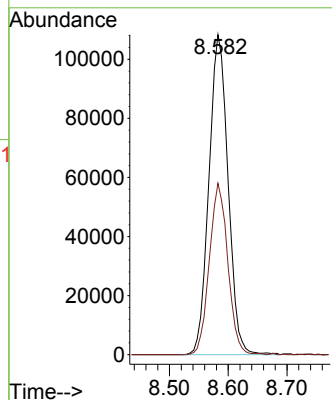
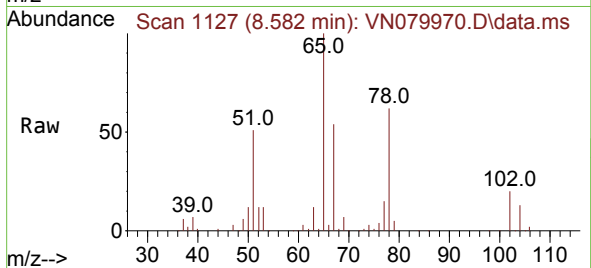
ClientSampleId :

Tgt Ion: 65 Resp: 244722

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# 1216

Delta R.T. 0.000 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

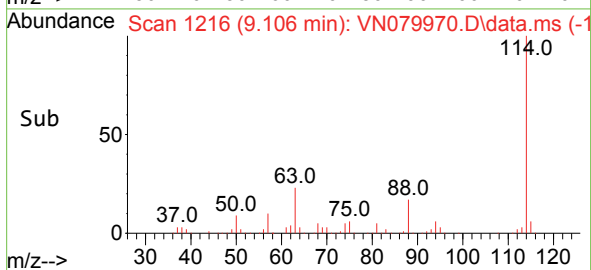
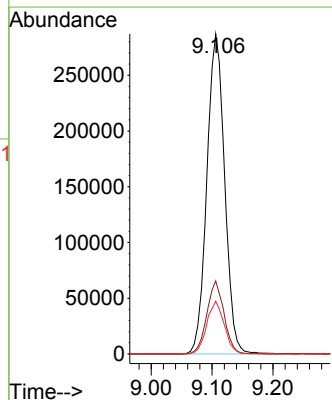
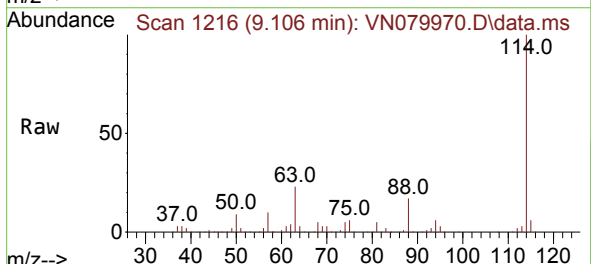
Tgt Ion: 114 Resp: 583256

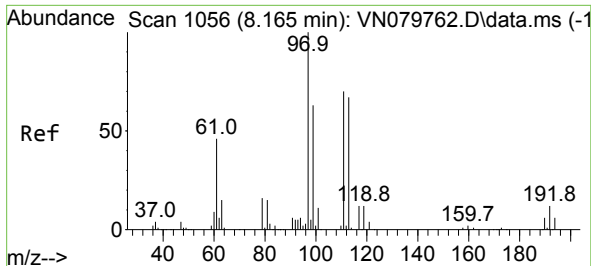
Ion Ratio Lower Upper

114 100

63 22.8 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.268 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

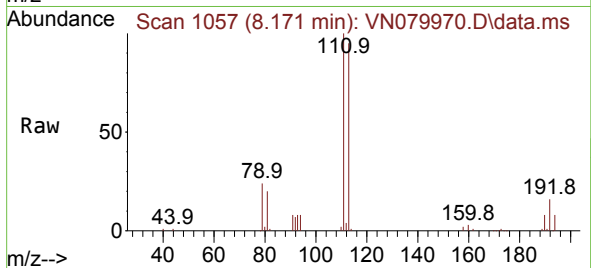
Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

ClientSampleId :



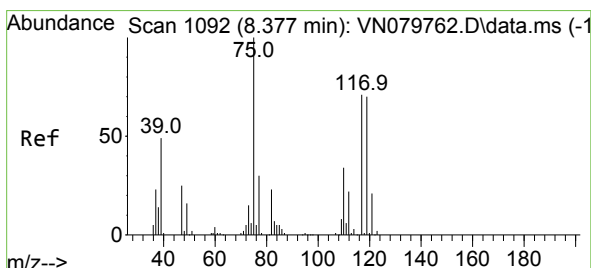
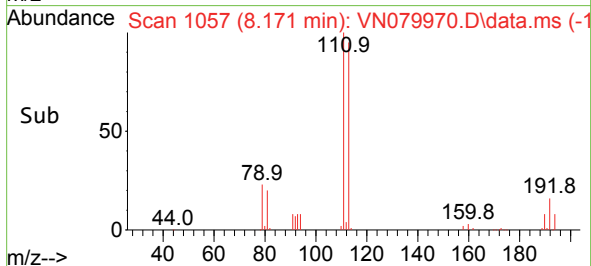
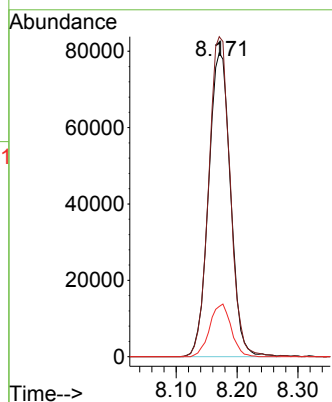
Tgt Ion:113 Resp: 199254

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 16.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 4.297 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

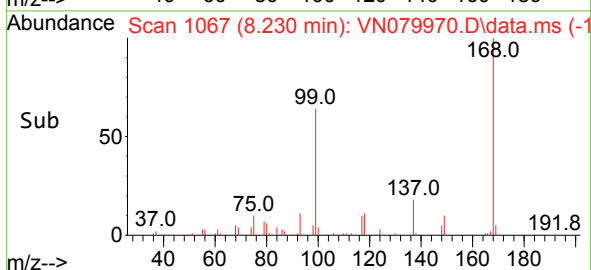
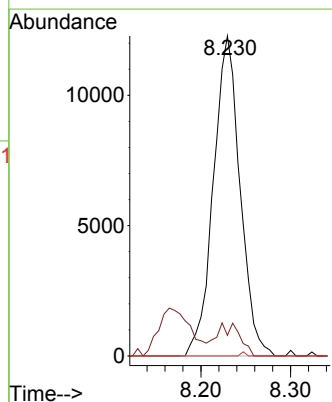
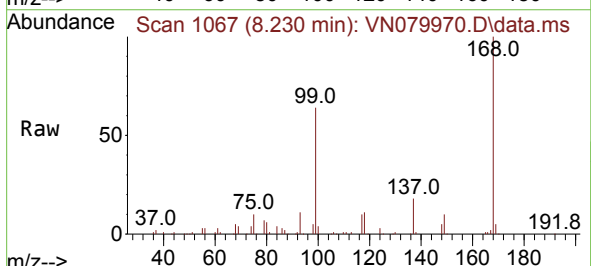
Tgt Ion: 75 Resp: 25328

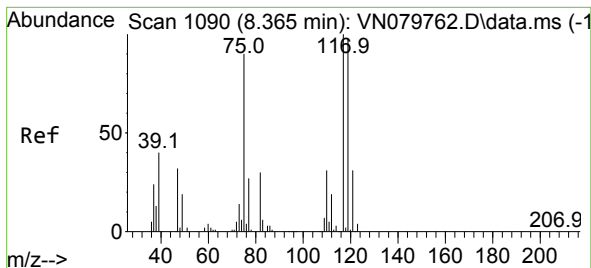
Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

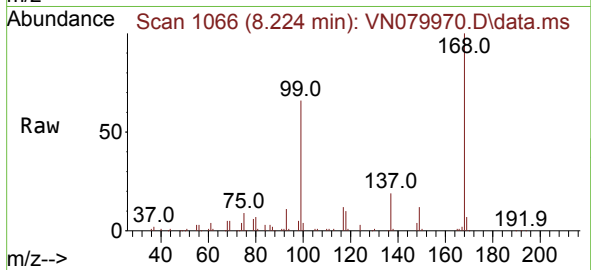
Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

ClientSampleId :



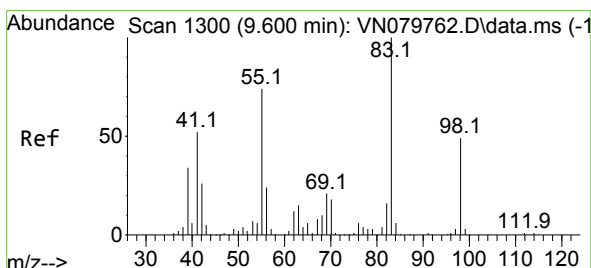
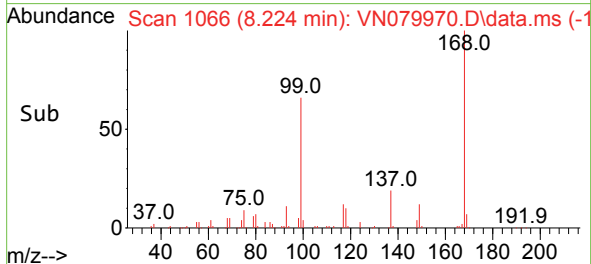
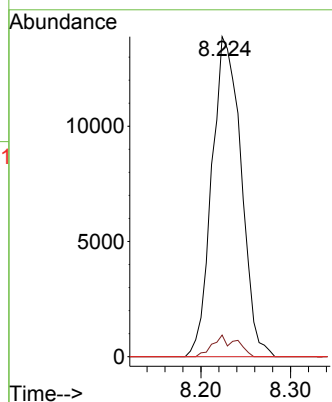
Tgt Ion:117 Resp: 31375

Ion Ratio Lower Upper

117 100

119 6.8 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 0.225 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

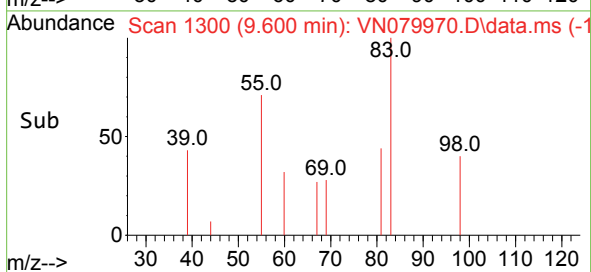
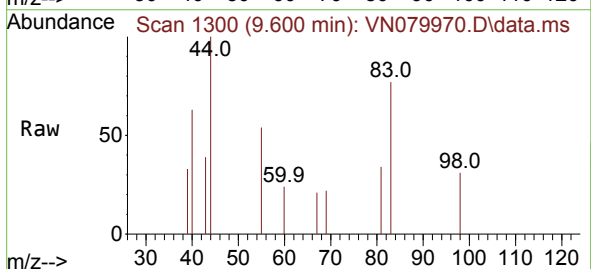
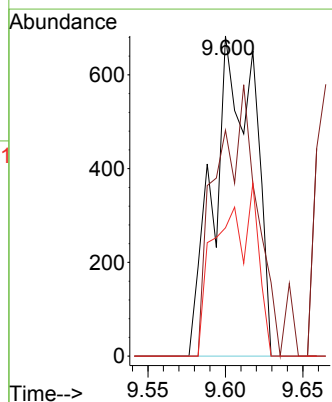
Tgt Ion: 83 Resp: 1246

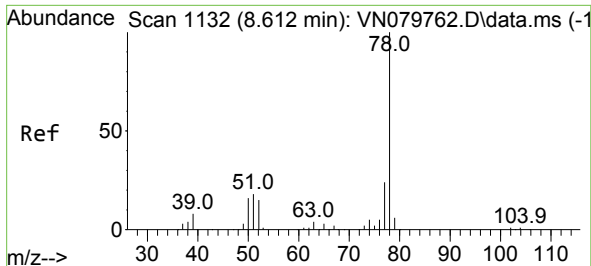
Ion Ratio Lower Upper

83 100

55 70.6 49.1 73.7

98 40.1 40.6 61.0#

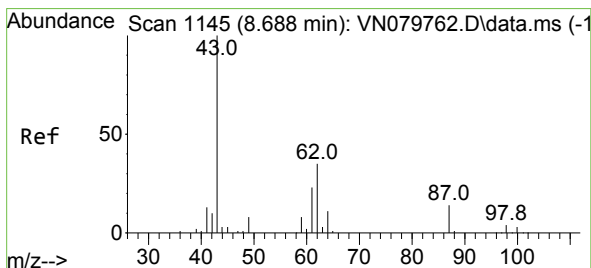
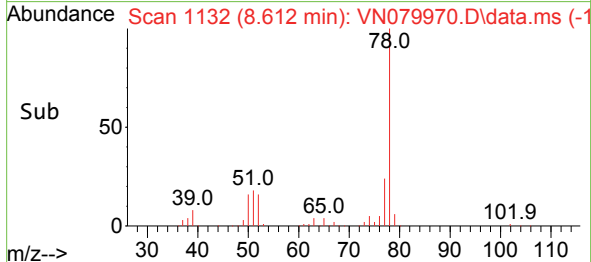
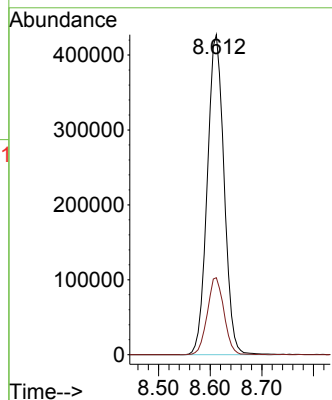
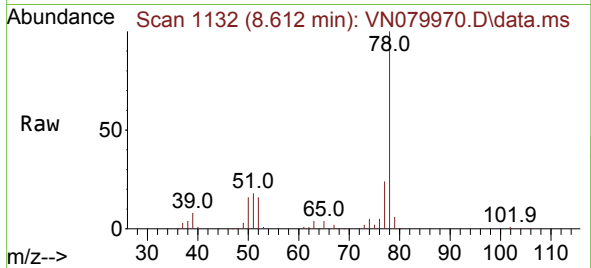




#40  
Benzene  
Concen: 54.525 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

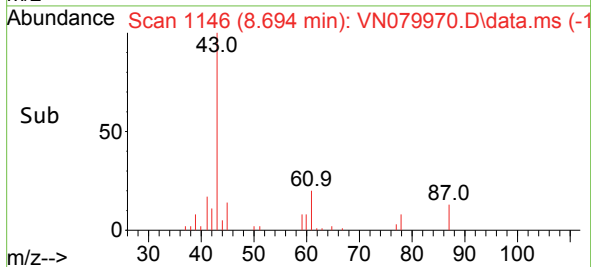
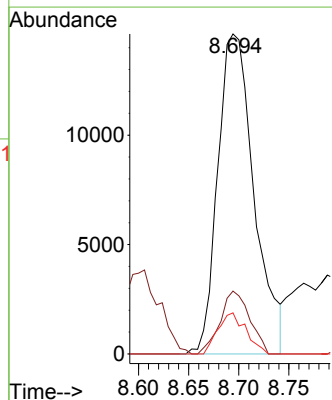
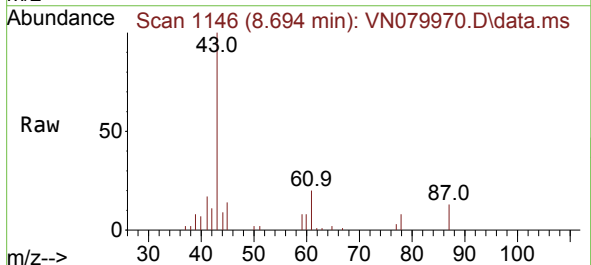
Instrument :  
MSVOA\_N  
ClientSampleId :

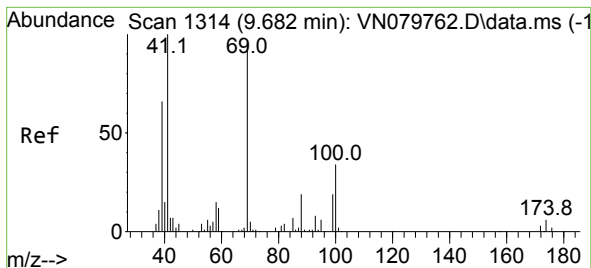
Tgt Ion: 78 Resp: 962577  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6



#43  
Isopropyl Acetate  
Concen: 3.885 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion: 43 Resp: 36831  
Ion Ratio Lower Upper  
43 100  
61 16.1 24.7 37.1#  
87 9.9 14.6 21.8#





#48

Methyl methacrylate

Concen: 0.551 ug/l

RT: 9.665 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

ClientSampleId :

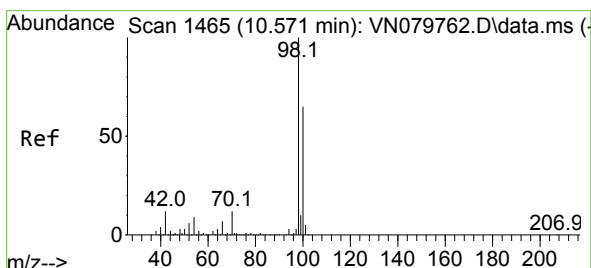
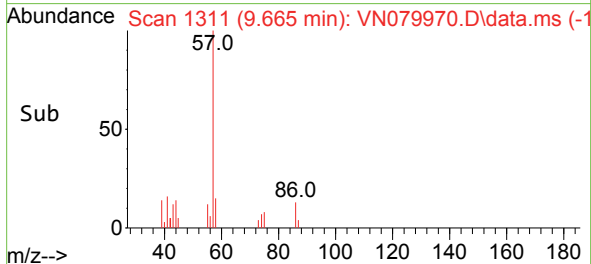
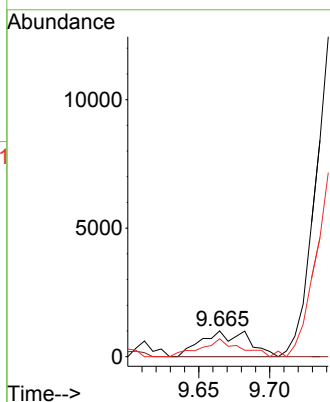
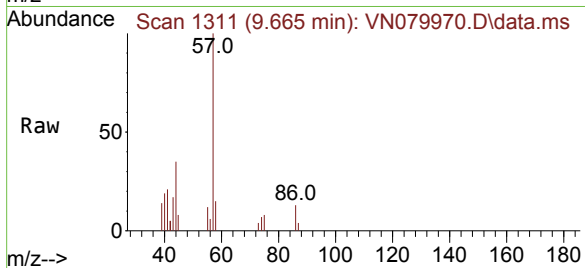
Tgt Ion: 41 Resp: 2287

Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 57.5 54.6 81.8



#50

Toluene-d8

Concen: 48.221 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079970.D

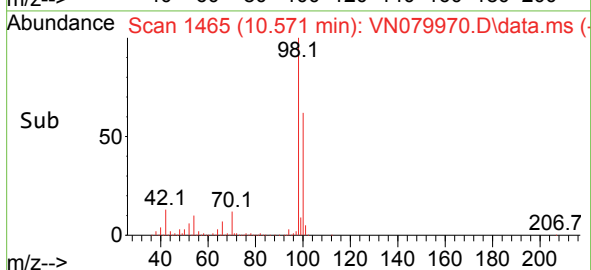
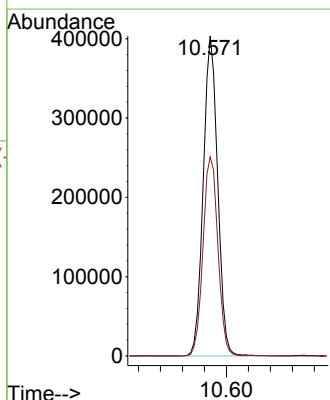
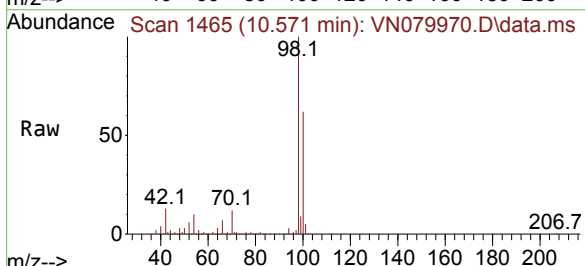
Acq: 07 Nov 2023 17:22

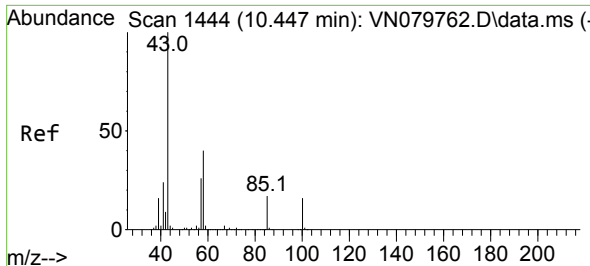
Tgt Ion: 98 Resp: 732807

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

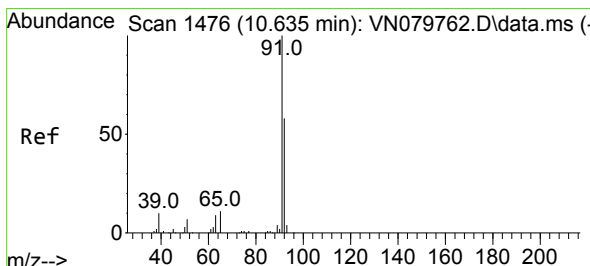
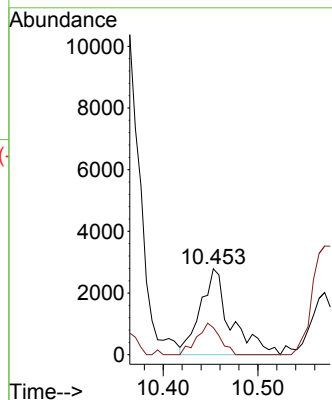
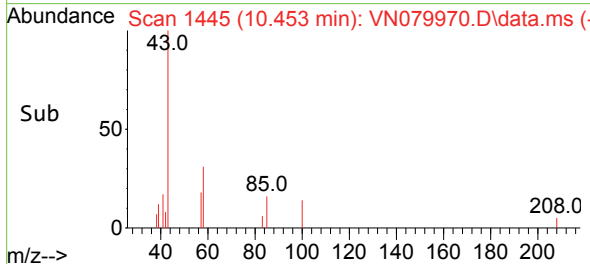
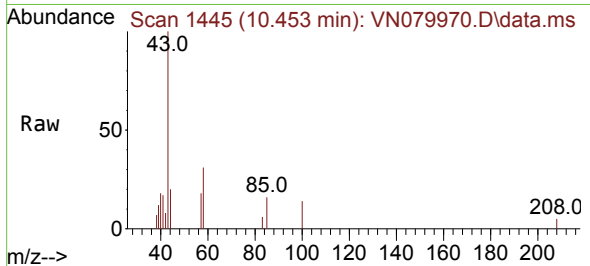




#51  
4-Methyl-2-Pentanone  
Concen: 1.155 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

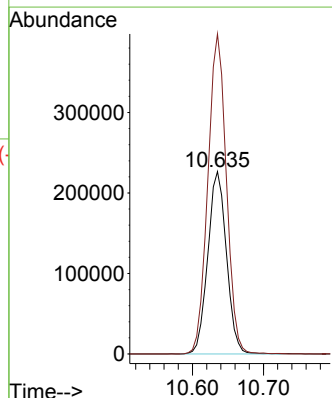
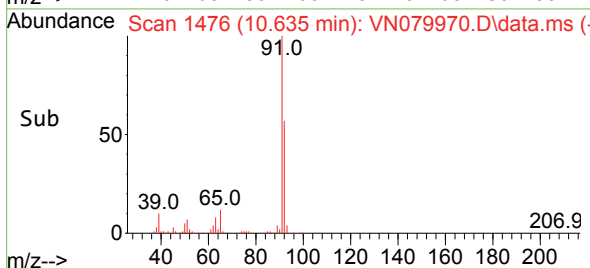
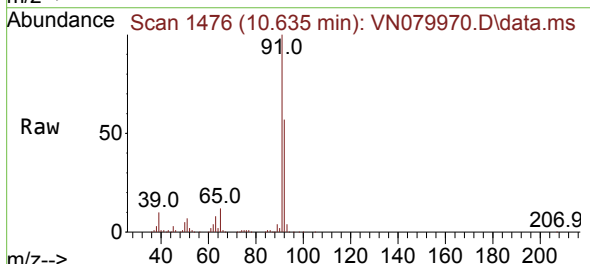
Instrument :  
MSVOA\_N  
ClientSampleId :

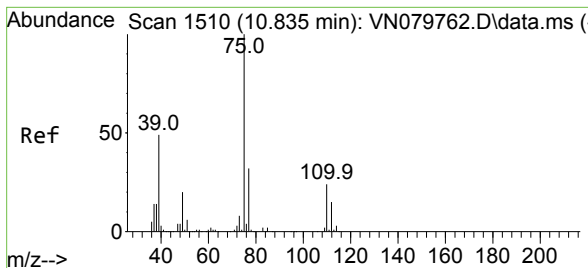
Tgt Ion: 43 Resp: 6163  
Ion Ratio Lower Upper  
43 100  
58 27.7 36.6 54.8#



#52  
Toluene  
Concen: 39.511 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

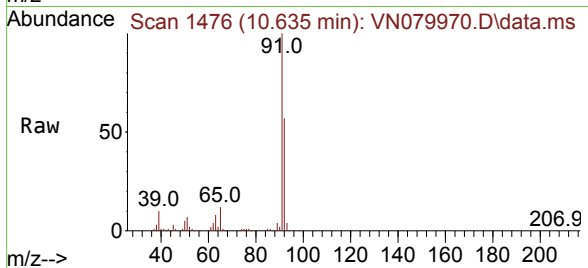
Tgt Ion: 92 Resp: 413520  
Ion Ratio Lower Upper  
92 100  
91 174.0 137.4 206.0



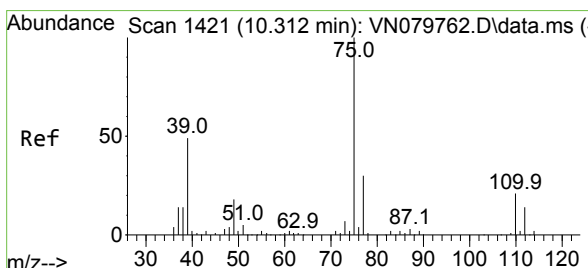
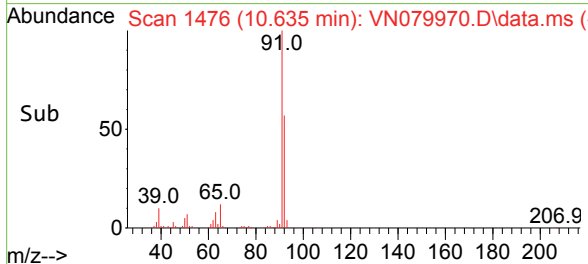
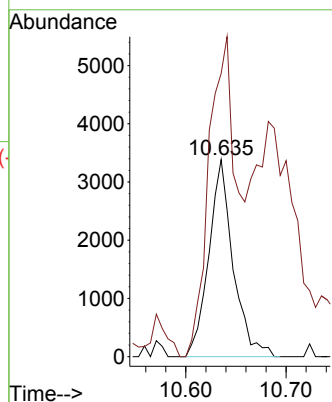


#53  
 t-1,3-Dichloropropene  
 Concen: 0.886 ug/l  
 RT: 10.635 min Scan# 1430  
 Delta R.T. -0.206 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

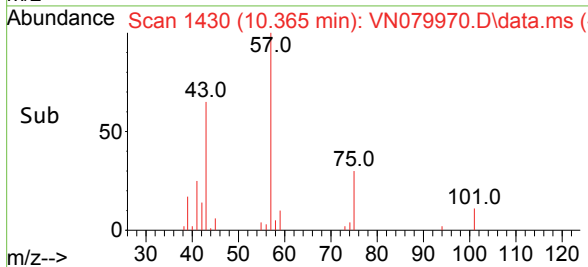
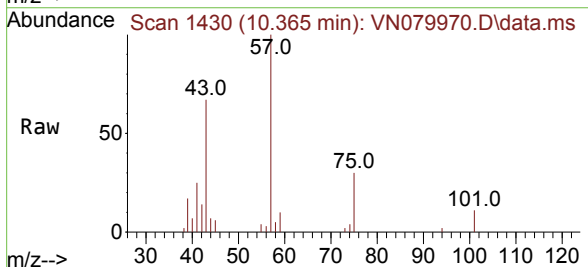
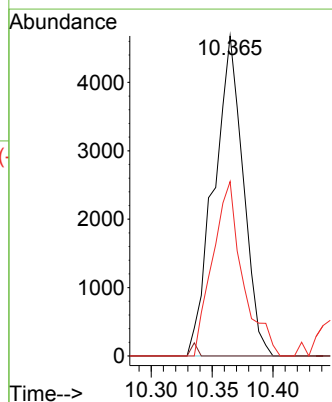


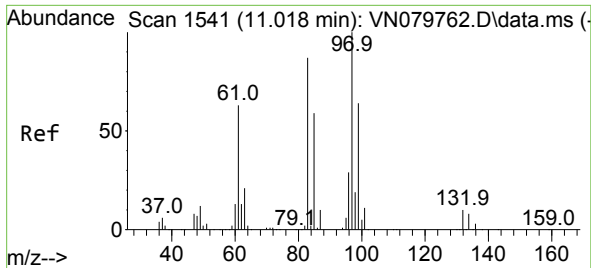
Tgt Ion: 75 Resp: 5707  
 Ion Ratio Lower Upper  
 75 100  
 77 143.7 25.4 38.0#



#54  
 cis-1,3-Dichloropropene  
 Concen: 1.116 ug/l  
 RT: 10.365 min Scan# 1430  
 Delta R.T. 0.047 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

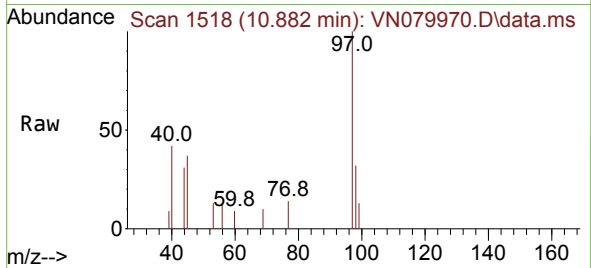
Tgt Ion: 75 Resp: 7835  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.1 39.1#  
 39 54.5 31.6 47.4#



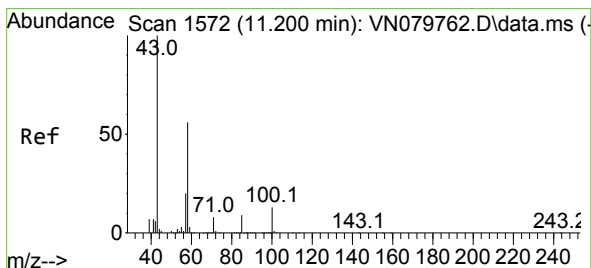
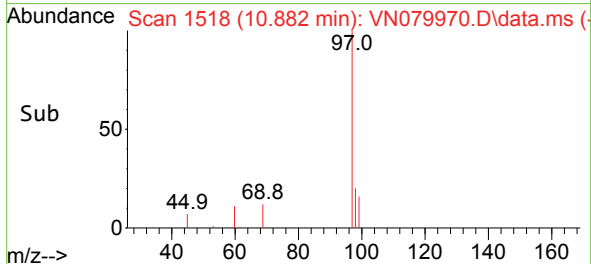
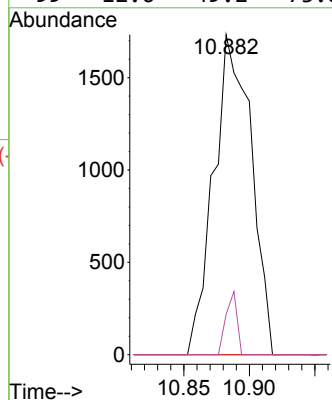


#55  
 1,1,2-Trichloroethane  
 Concen: 0.818 ug/l  
 RT: 10.882 min Scan# 1518  
 Delta R.T. -0.135 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

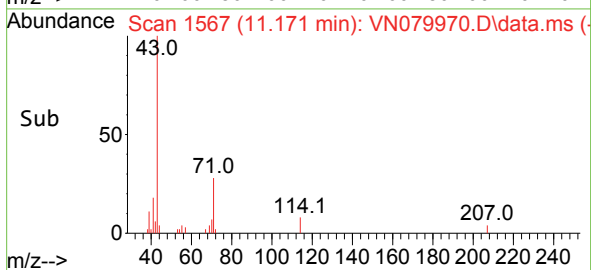
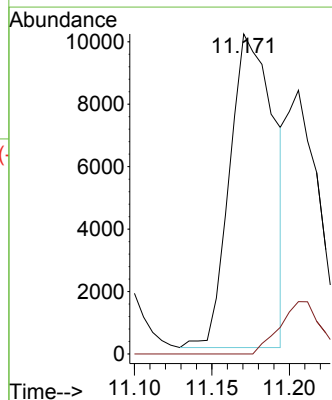
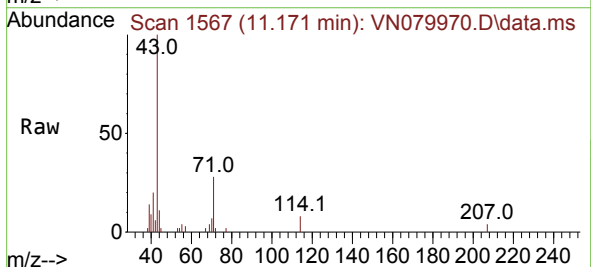


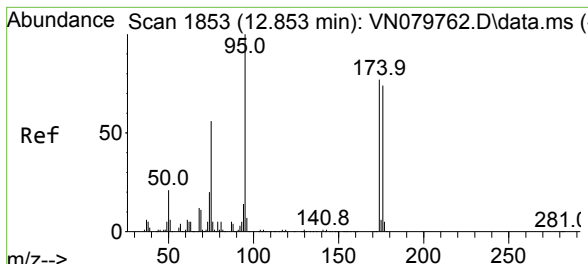
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 0.0   | 65.1  | 97.7# |
| 85      | 0.0   | 43.4  | 65.2# |
| 99      | 12.6  | 49.2  | 73.8# |



#59  
 2-Hexanone  
 Concen: 4.932 ug/l  
 RT: 11.171 min Scan# 1567  
 Delta R.T. -0.029 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 0.0   | 31.7  | 95.1# |

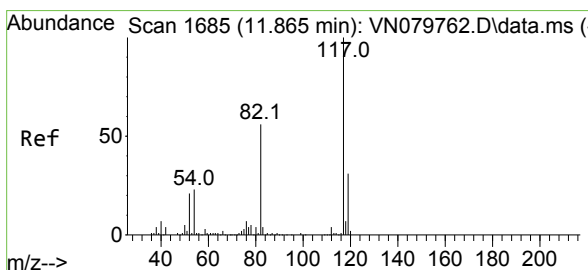
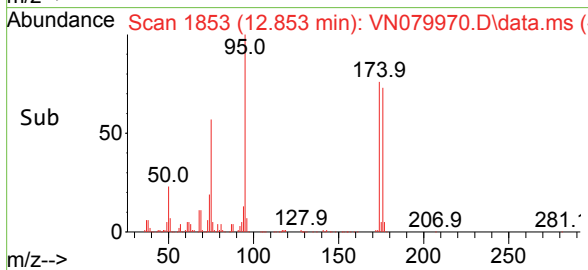
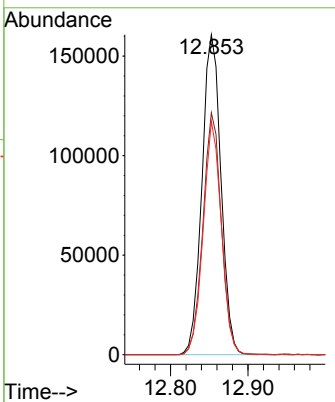
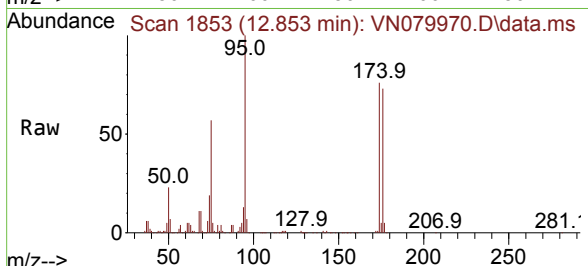




#62  
 4-Bromofluorobenzene  
 Concen: 54.316 ug/l  
 RT: 12.853 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

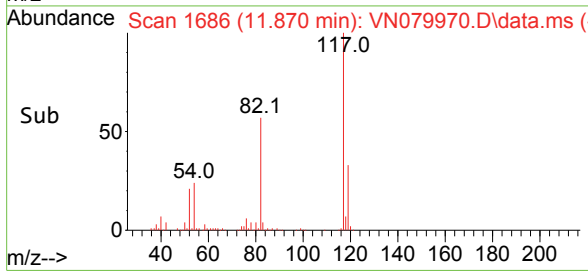
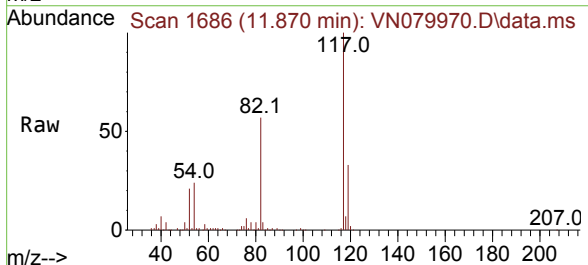
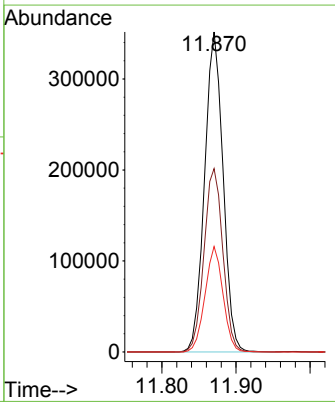
Instrument :  
 MSVOA\_N  
 ClientSampleId :

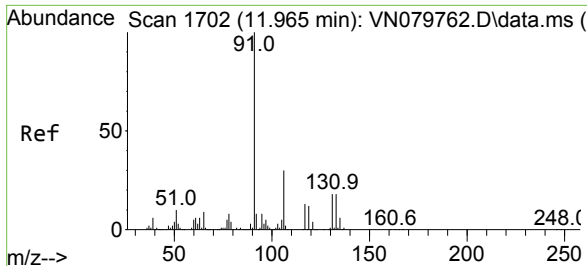
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 273757 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 73.2  | 0.0   | 143.8  |
| 176      | 69.7  | 0.0   | 135.8  |



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.870 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 608334 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.3  | 44.0  | 66.0   |
| 119      | 32.9  | 25.6  | 38.4   |





#67

Ethyl Benzene

Concen: 1.910 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN079970.D

Acq: 07 Nov 2023 17:22

Instrument :

MSVOA\_N

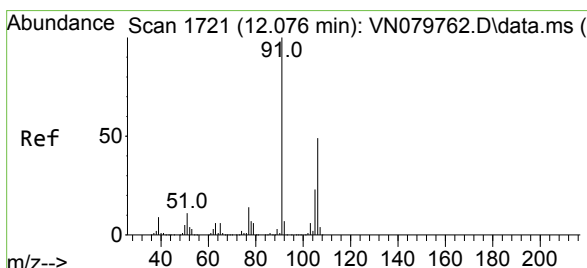
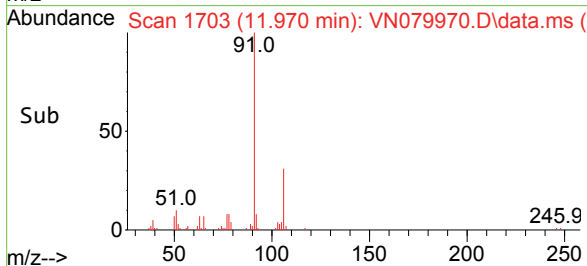
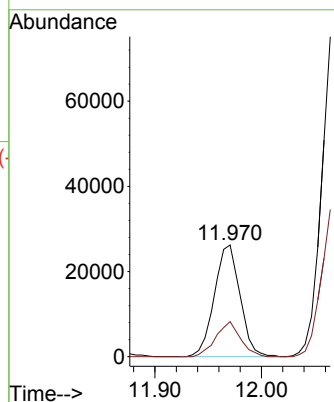
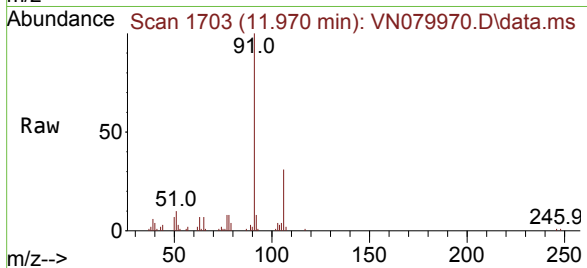
ClientSampleId :

Tgt Ion: 91 Resp: 43902

Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4



#68

m/p-Xylenes

Concen: 8.650 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN079970.D

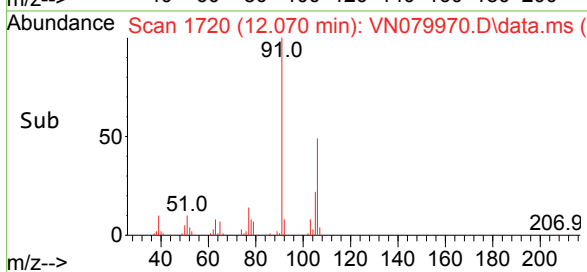
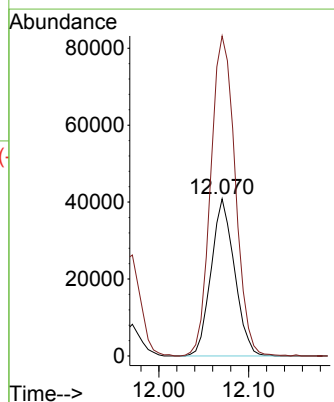
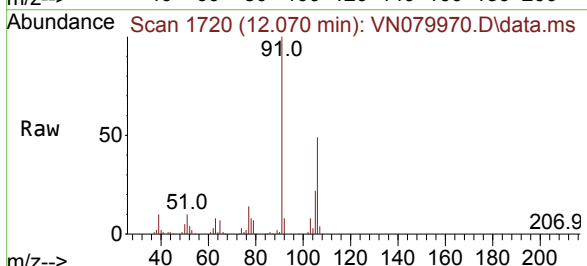
Acq: 07 Nov 2023 17:22

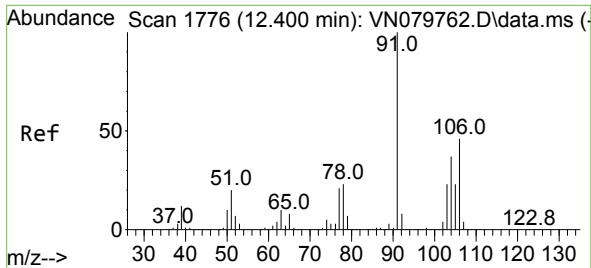
Tgt Ion:106 Resp: 74079

Ion Ratio Lower Upper

106 100

91 213.1 159.6 239.4

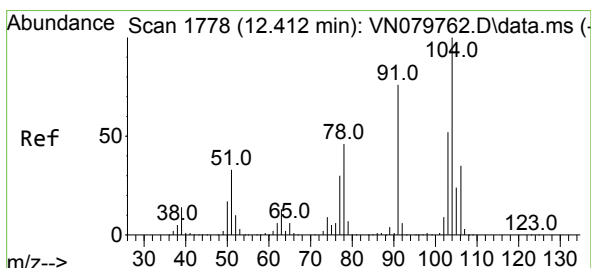
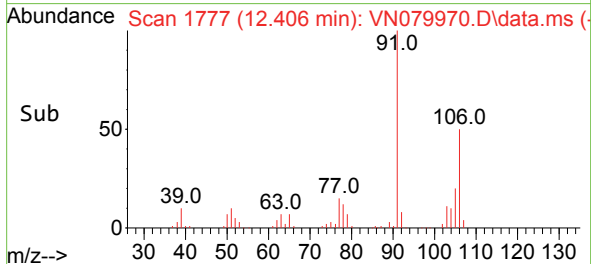
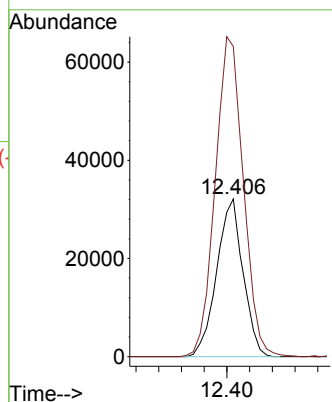
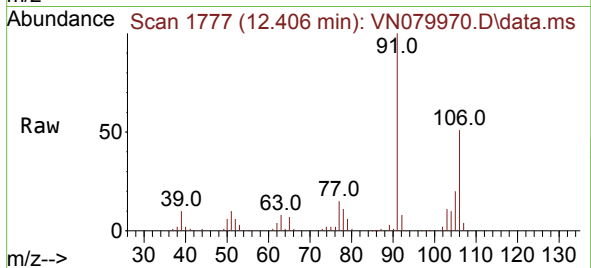




#69  
o-Xylene  
Concen: 6.261 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.006 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

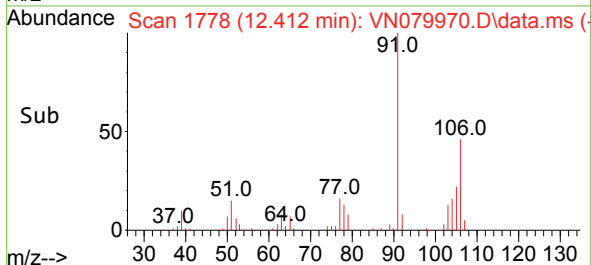
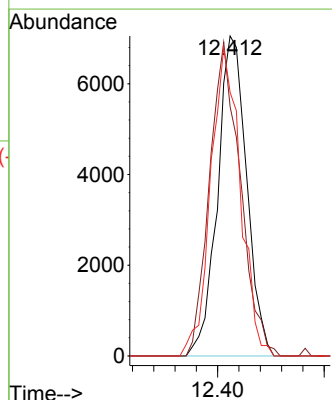
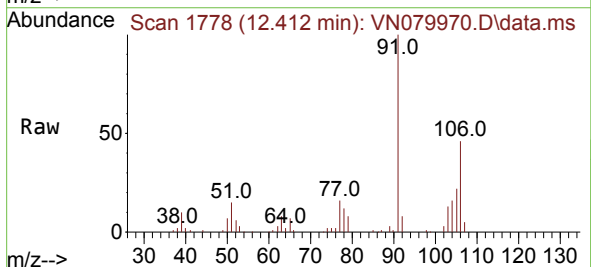
Instrument :  
MSVOA\_N  
ClientSampleId :

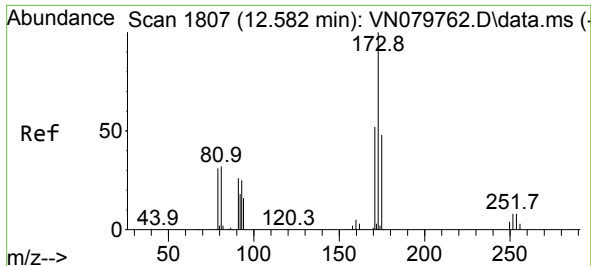
Tgt Ion:106 Resp: 51638  
Ion Ratio Lower Upper  
106 100  
91 217.1 105.2 315.5



#70  
Styrene  
Concen: 1.010 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion:104 Resp: 13386  
Ion Ratio Lower Upper  
104 100  
78 103.6 39.5 59.3#  
103 98.4 43.2 64.8#

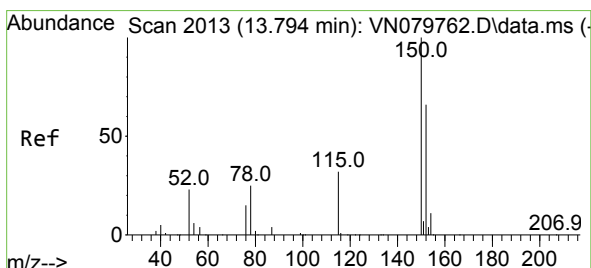
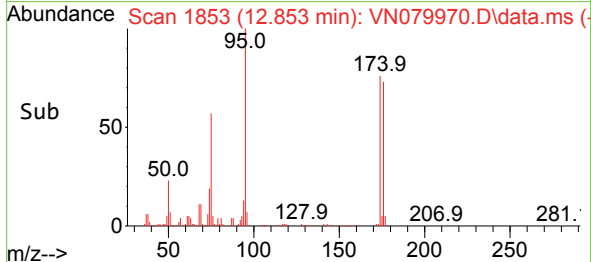
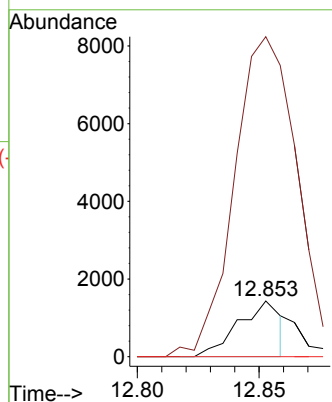
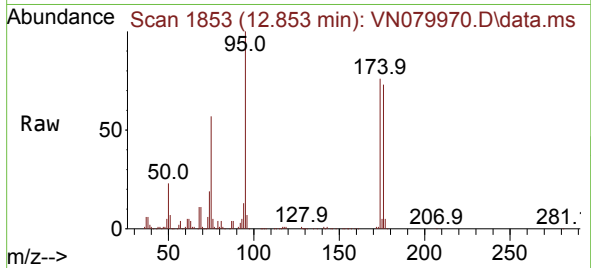




#71  
Bromoform  
Concen: 0.517 ug/l  
RT: 12.853 min Scan# 1807  
Delta R.T. 0.271 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

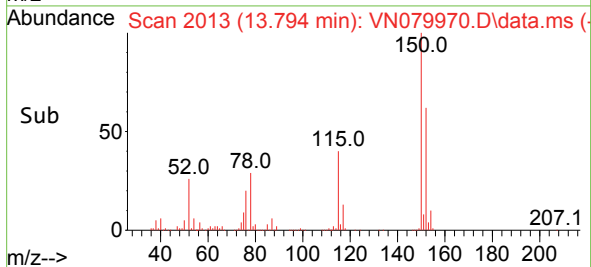
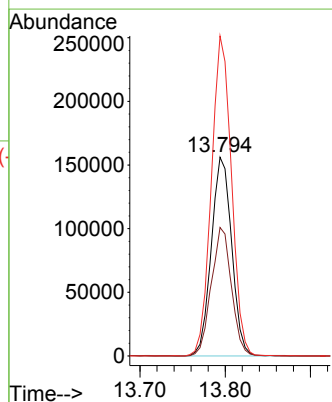
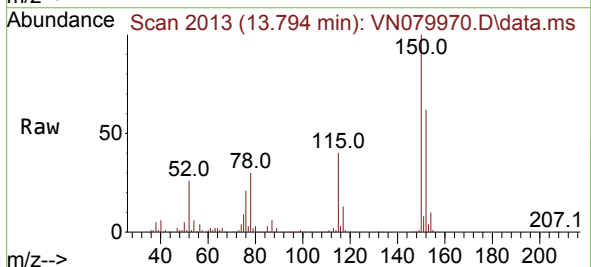
Instrument :  
MSVOA\_N  
ClientSampleId :

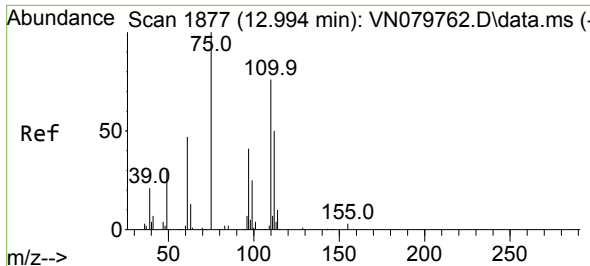
Tgt Ion:173 Resp: 1745  
Ion Ratio Lower Upper  
173 100  
175 655.2 24.3 73.0#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion:152 Resp: 258834  
Ion Ratio Lower Upper  
152 100  
115 64.0 32.3 96.8  
150 159.2 0.0 355.8

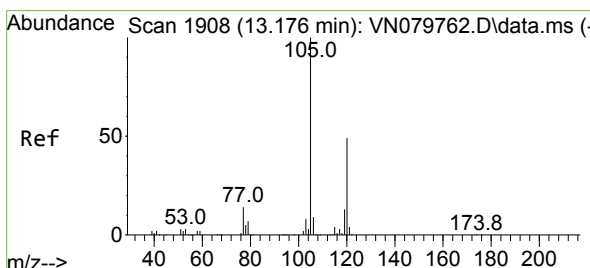
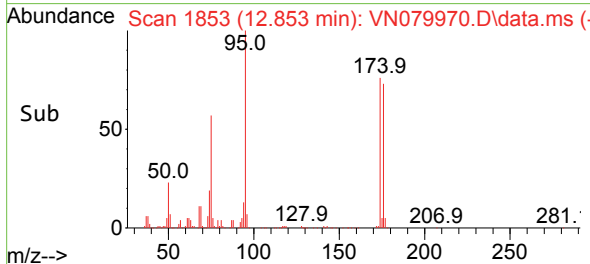
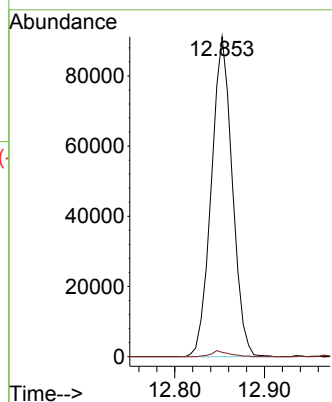
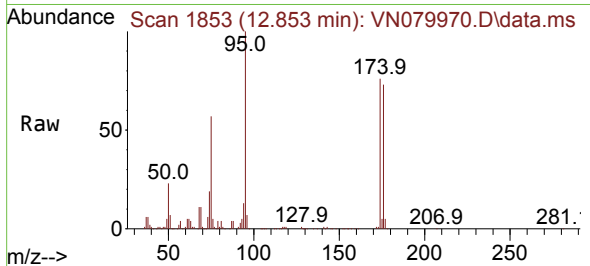




#76  
 1,2,3-Trichloropropane  
 Concen: 24.363 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. -0.141 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

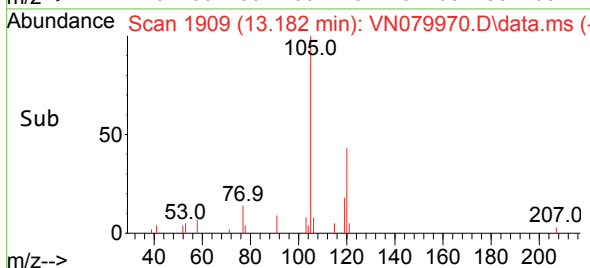
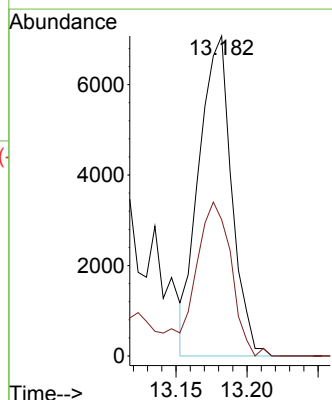
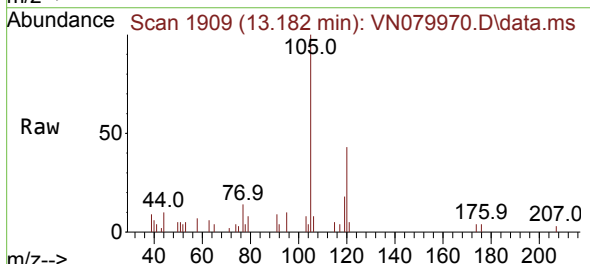
Instrument :  
 MSVOA\_N  
 ClientSampleId :

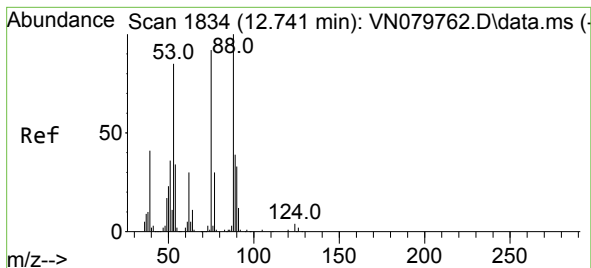
Tgt Ion: 75 Resp: 148048  
 Ion Ratio Lower Upper  
 75 100  
 77 1.6 84.5 253.5#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.741 ug/l  
 RT: 13.182 min Scan# 1909  
 Delta R.T. 0.006 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

Tgt Ion: 105 Resp: 11321  
 Ion Ratio Lower Upper  
 105 100  
 120 53.6 24.1 72.3

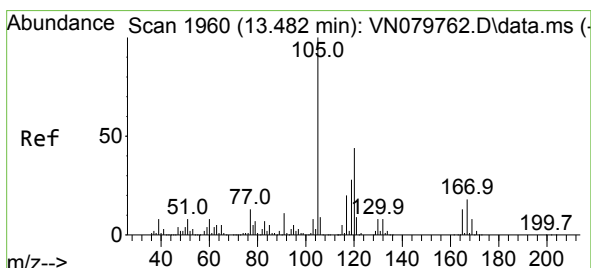
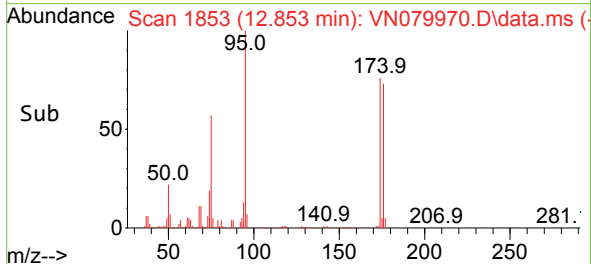
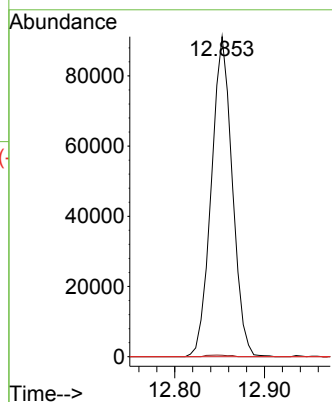
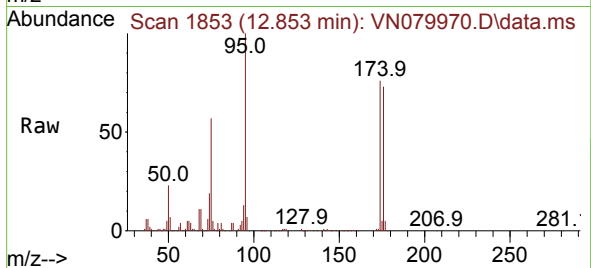




#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.287 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.118 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

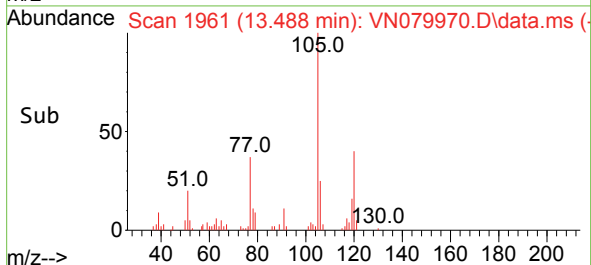
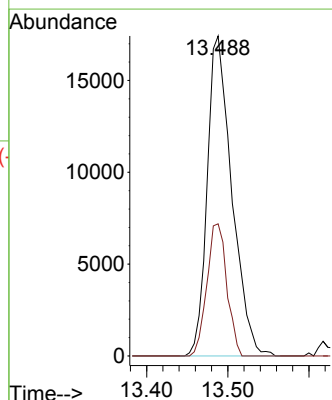
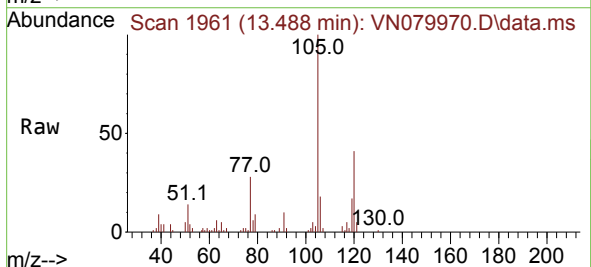
Instrument :  
MSVOA\_N  
ClientSampleId :

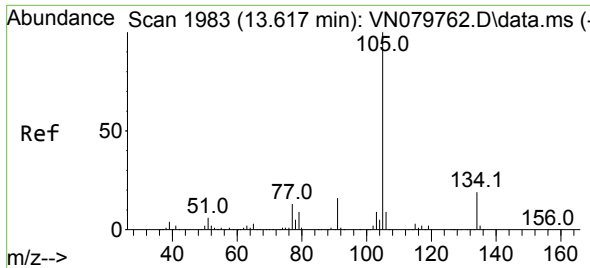
Tgt Ion: 75 Resp: 148048  
Ion Ratio Lower Upper  
75 100  
53 0.5 67.4 101.2#  
89 0.0 38.8 58.2#



#84  
1,2,4-Trimethylbenzene  
Concen: 2.441 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN079970.D  
Acq: 07 Nov 2023 17:22

Tgt Ion: 105 Resp: 36700  
Ion Ratio Lower Upper  
105 100  
120 33.4 22.0 66.0

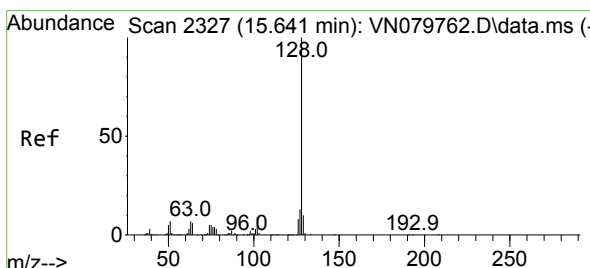
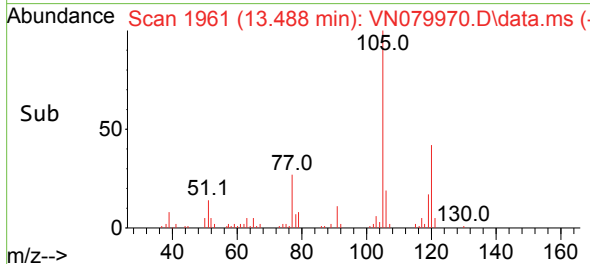
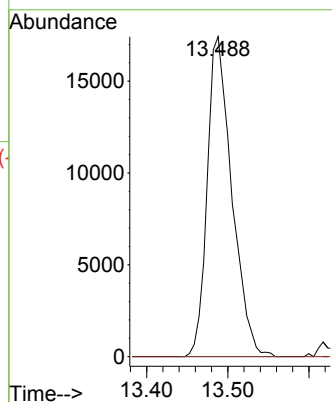
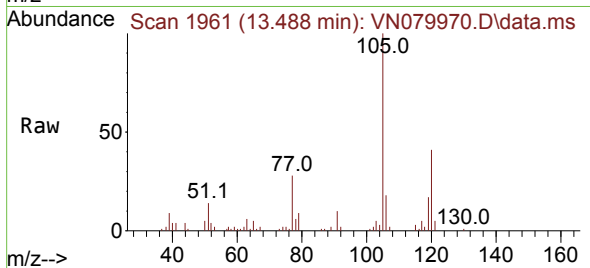




#85  
 sec-Butylbenzene  
 Concen: 2.117 ug/l  
 RT: 13.488 min Scan# 1983  
 Delta R.T. -0.129 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:105 Resp: 36700  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.3#



#95  
 Naphthalene  
 Concen: 47.303 ug/l  
 RT: 15.647 min Scan# 2328  
 Delta R.T. 0.006 min  
 Lab File: VN079970.D  
 Acq: 07 Nov 2023 17:22

Tgt Ion:128 Resp: 644215  
 Ion Ratio Lower Upper  
 128 100  
 127 12.8 10.0 15.0  
 129 10.9 8.7 13.1

