

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061223\  
 Data File : VN078166.D  
 Acq On : 12 Jun 2023 15:06  
 Operator : JC\MD  
 Sample : 03096-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-25-0A

Quant Time: Jun 13 01:33:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060623W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 07 05:05:00 2023  
 Response via : Initial Calibration

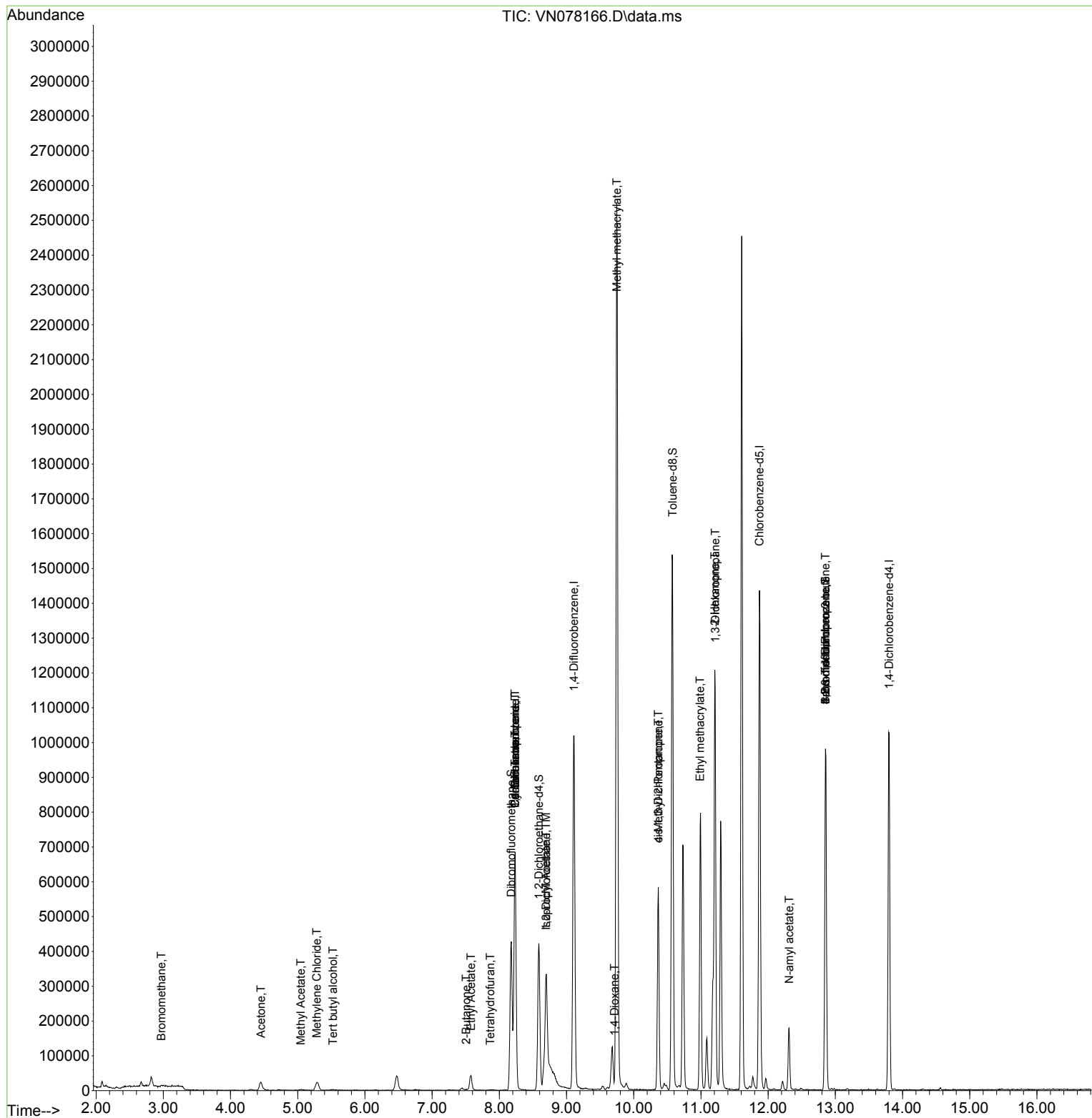
| Compound                      | R.T.           | QIon | Response            | Conc          | Units | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------------|-------|----------|
| -----                         |                |      |                     |               |       |          |
| Internal Standards            |                |      |                     |               |       |          |
| 1) Pentafluorobenzene         | 8.236          | 168  | 490553              | 50.000        | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.112          | 114  | 923088              | 50.000        | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.871         | 117  | 854019              | 50.000        | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.800         | 152  | 281830              | 50.000        | ug/l  | 0.00     |
|                               |                |      |                     |               |       |          |
| System Monitoring Compounds   |                |      |                     |               |       |          |
| 33) 1,2-Dichloroethane-d4     | 8.588          | 65   | 347122              | 53.072        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 106.140% |               |       |          |
| 35) Dibromofluoromethane      | 8.177          | 113  | 304910              | 52.241        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 104.480% |               |       |          |
| 50) Toluene-d8                | 10.577         | 98   | 1118738             | 49.720        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 99.440%  |               |       |          |
| 62) 4-Bromofluorobenzene      | 12.853         | 95   | 358222              | 51.212        | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 102.420% |               |       |          |
|                               |                |      |                     |               |       |          |
| Target Compounds              |                |      |                     |               |       | Qvalue   |
| 3) Chloromethane              | 2.371          | 50   | 1130                | Below Cal     |       | 94       |
| 5) Bromomethane               | 2.971          | 94   | 1811                | 0.330 ug/l #  |       | 62       |
| 11) Tert butyl alcohol        | 5.524          | 59   | 1317                | 1.458 ug/l #  |       | 72       |
| 16) Acetone                   | 4.453          | 43   | 43892               | 23.314 ug/l   |       | 96       |
| 18) Methyl Acetate            | 5.048          | 43   | 5031                | 0.580 ug/l #  |       | 61       |
| 20) Methylene Chloride        | 5.283          | 84   | 18602               | 2.990 ug/l #  |       | 86       |
| 25) 2-Butanone                | 7.506          | 43   | 3487                | 1.204 ug/l #  |       | 81       |
| 29) Tetrahydrofuran           | 7.865          | 42   | 720                 | 0.372 ug/l #  |       | 29       |
| 31) Cyclohexane               | 8.236          | 56   | 11692               | 1.394 ug/l #  |       | 50       |
| 36) 1,1-Dichloropropene       | 8.236          | 75   | 42727               | 5.104 ug/l #  |       | 48       |
| 37) Ethyl Acetate             | 7.577          | 43   | 65047               | 9.946 ug/l #  |       | 95       |
| 38) Carbon Tetrachloride      | 8.236          | 117  | 51912               | 5.872 ug/l #  |       | 17       |
| 42) 1,2-Dichloroethane        | 8.694          | 62   | 2407                | 0.281 ug/l #  |       | 73       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 552155              | 44.145 ug/l # |       | 68       |
| 48) Methyl methacrylate       | 9.747          | 41   | 226012              | 43.059 ug/l # |       | 30       |
| 49) 1,4-Dioxane               | 9.712          | 88   | 66                  | 0.598 ug/l #  |       | 30       |
| 51) 4-Methyl-2-Pentanone      | 10.365         | 43   | 201123              | 30.536 ug/l # |       | 42       |
| 54) cis-1,3-Dichloropropene   | 10.365         | 75   | 104146              | 10.633 ug/l # |       | 66       |
| 56) Ethyl methacrylate        | 10.988         | 69   | 3236                | 0.372 ug/l #  |       | 1        |
| 57) 1,3-Dichloropropane       | 11.212         | 76   | 12916               | 1.282 ug/l #  |       | 42       |
| 59) 2-Hexanone                | 11.206         | 43   | 152594              | 33.274 ug/l # |       | 49       |
| 71) Bromoform                 | 12.853         | 173  | 2008                | 0.463 ug/l #  |       | 1        |
| 74) N-amyl acetate            | 12.312         | 43   | 58350               | 6.649 ug/l #  |       | 45       |
| 75) 1,1,2,2-Tetrachloroethane | 12.859         | 83   | 367                 | Below Cal #   |       | 1        |
| 76) 1,2,3-Trichloropropane    | 12.853         | 75   | 194335              | 29.168 ug/l # |       | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.853         | 75   | 194335              | 89.614 ug/l # |       | 15       |
| -----                         |                |      |                     |               |       |          |

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

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QLast Update : Wed Jun 07 05:05:00 2023  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

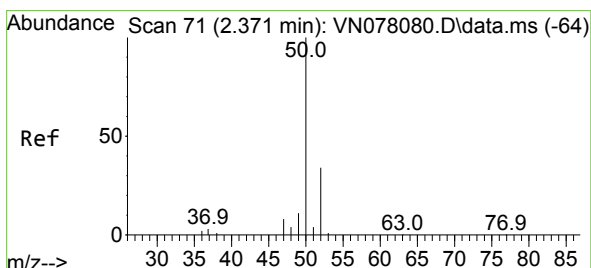
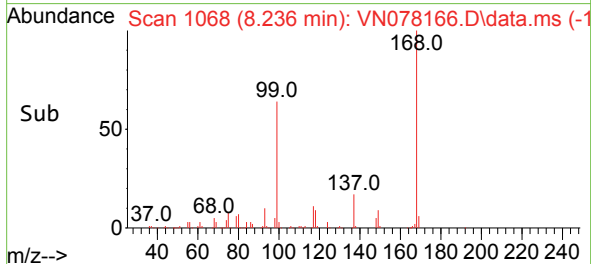
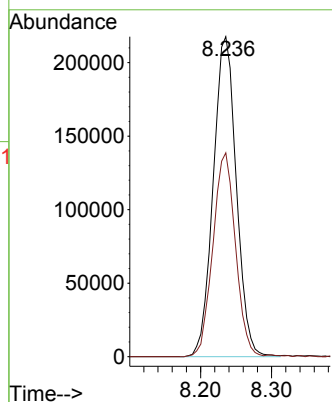
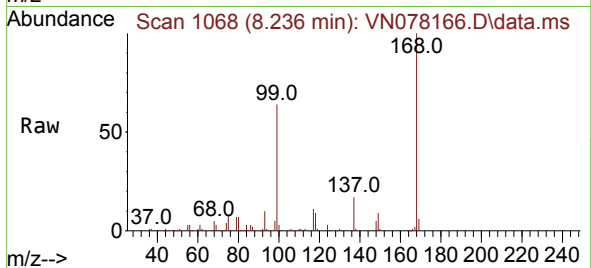
TP-25-0A

Tgt Ion:168 Resp: 490553

Ion Ratio Lower Upper

168 100

99 63.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078166.D

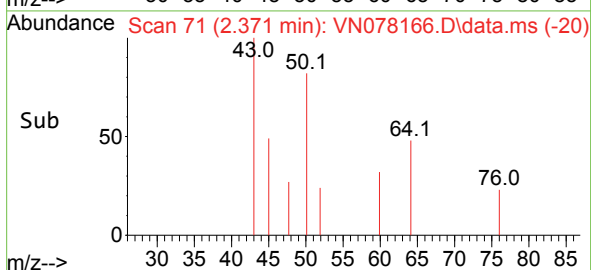
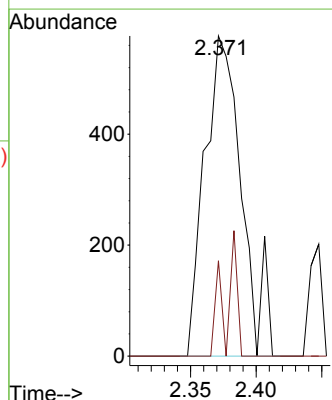
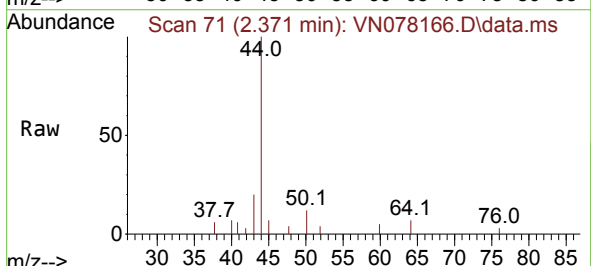
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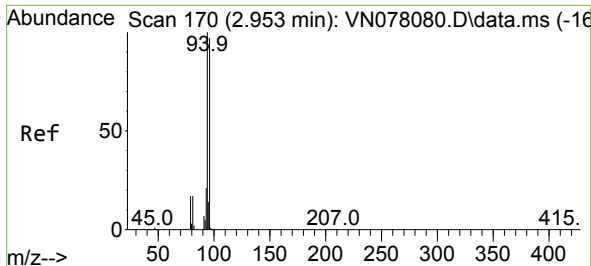
Tgt Ion: 50 Resp: 1130

Ion Ratio Lower Upper

50 100

52 29.8 26.5 39.7

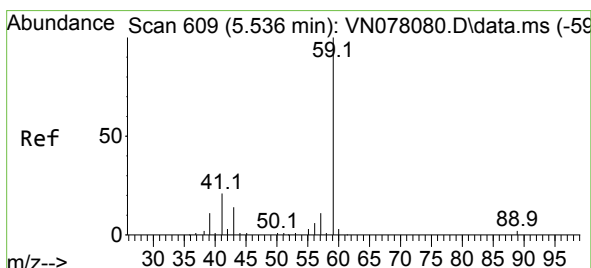
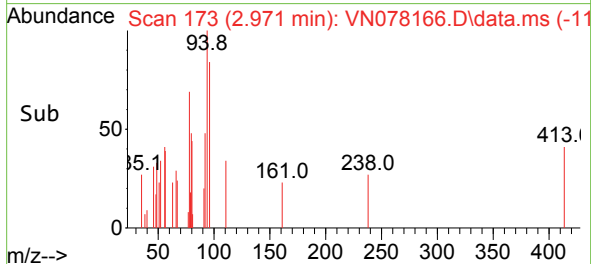
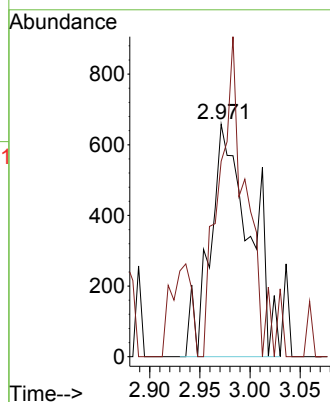
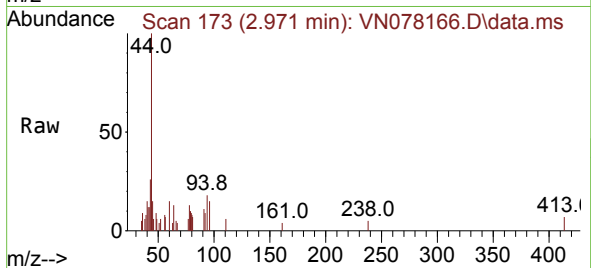




#5  
Bromomethane  
Concen: 0.330 ug/l  
RT: 2.971 min Scan# 11  
Delta R.T. 0.018 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

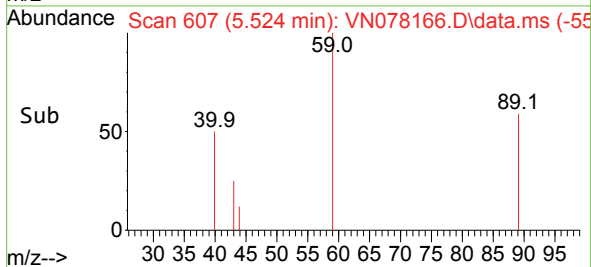
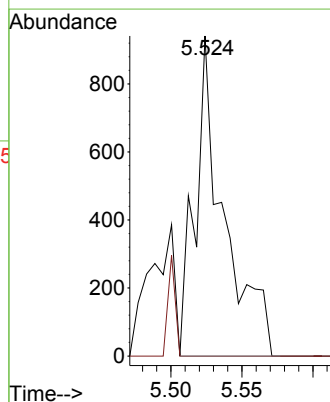
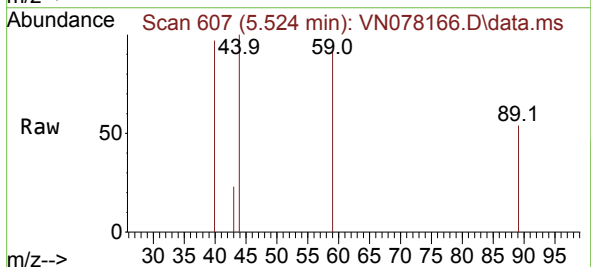
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

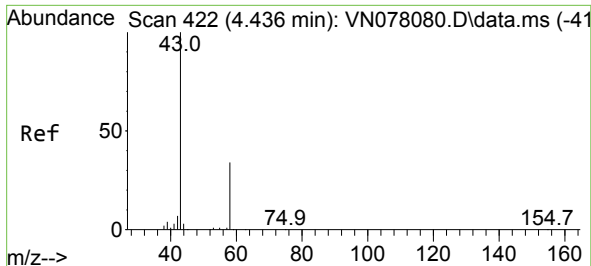
Tgt Ion: 94 Resp: 1811  
Ion Ratio Lower Upper  
94 100  
96 54.9 73.1 109.7#



#11  
Tert butyl alcohol  
Concen: 1.458 ug/l  
RT: 5.524 min Scan# 607  
Delta R.T. -0.012 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

Tgt Ion: 59 Resp: 1317  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

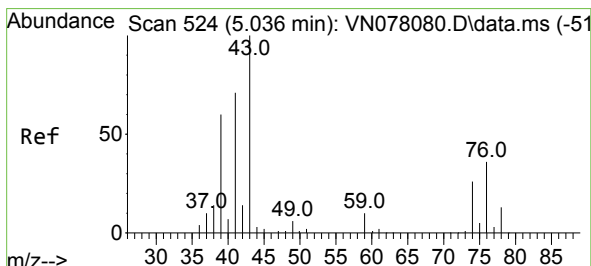
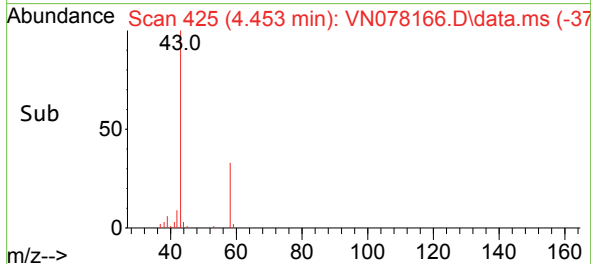
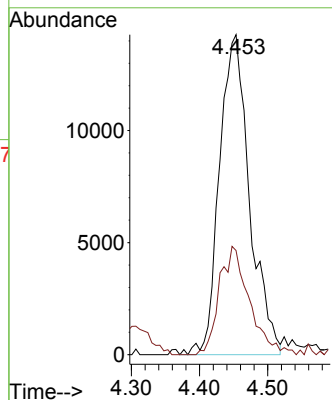
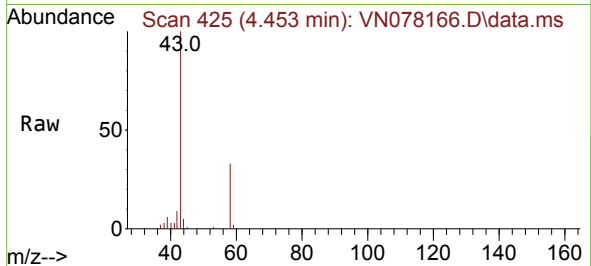




#16  
Acetone  
Concen: 23.314 ug/l  
RT: 4.453 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

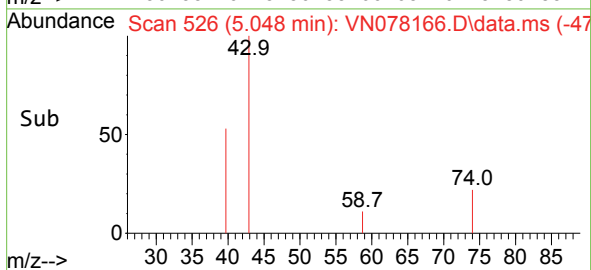
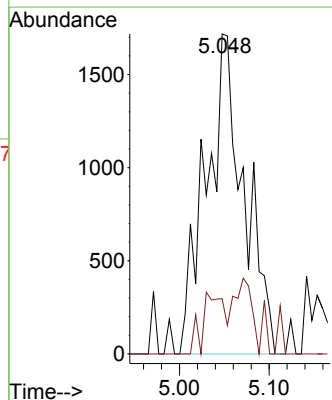
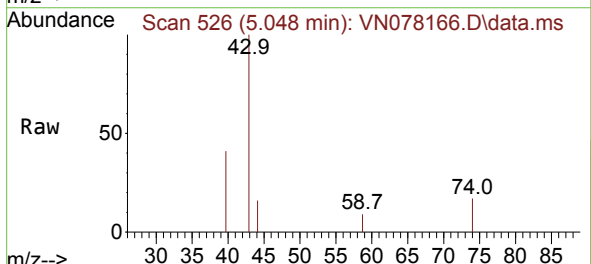
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

Tgt Ion: 43 Resp: 43892  
Ion Ratio Lower Upper  
43 100  
58 32.6 28.0 42.0



#18  
Methyl Acetate  
Concen: 0.580 ug/l  
RT: 5.048 min Scan# 526  
Delta R.T. 0.012 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

Tgt Ion: 43 Resp: 5031  
Ion Ratio Lower Upper  
43 100  
74 11.0 26.2 39.4#

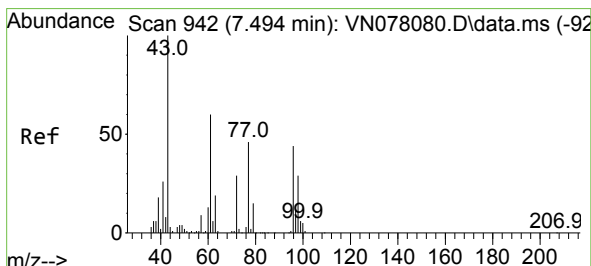
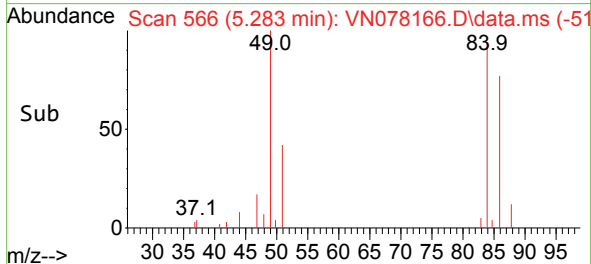
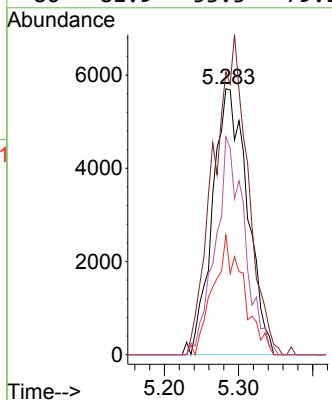
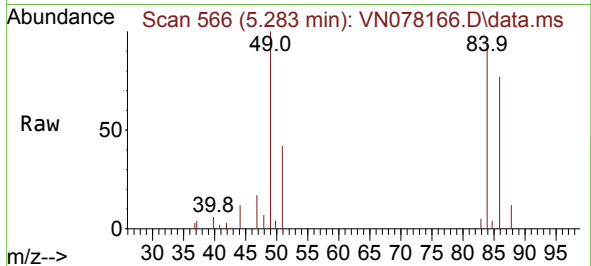




#20  
Methylene Chloride  
Concen: 2.990 ug/l  
RT: 5.283 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

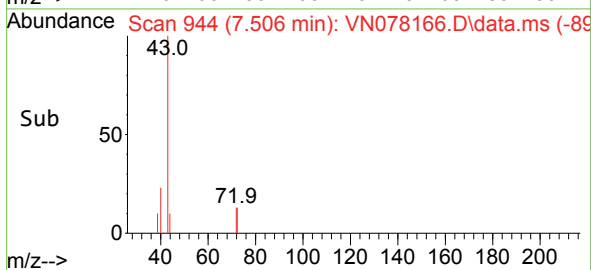
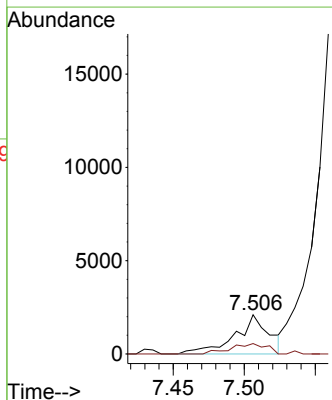
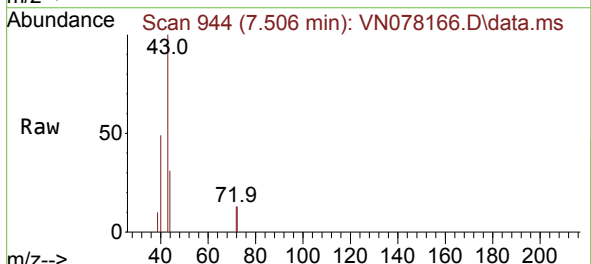
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

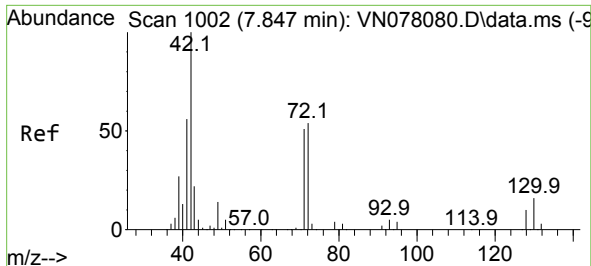
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 18602 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 106.3 | 79.7  | 119.5 |
| 51       | 45.0  | 25.2  | 37.8# |
| 86       | 81.9  | 53.3  | 79.9# |



#25  
2-Butanone  
Concen: 1.204 ug/l  
RT: 7.506 min Scan# 944  
Delta R.T. 0.012 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3487  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 26.5  | 30.2  | 45.2# |





#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

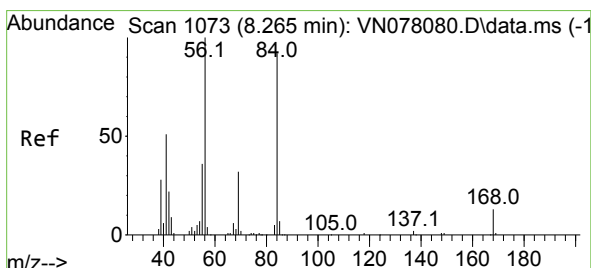
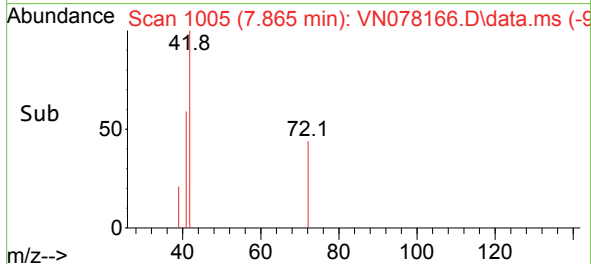
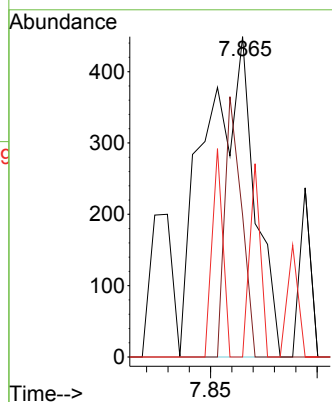
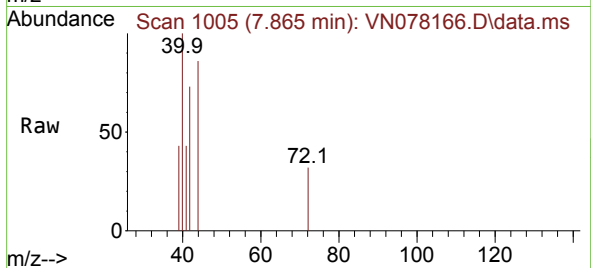
Instrument :

MSVOA\_N

ClientSampleId :

TP-25-0A

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 720   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 49.8  | 74.6# |
| 71       | 13.3  | 47.4  | 71.2# |



#31

Cyclohexane

Concen: 1.394 ug/l

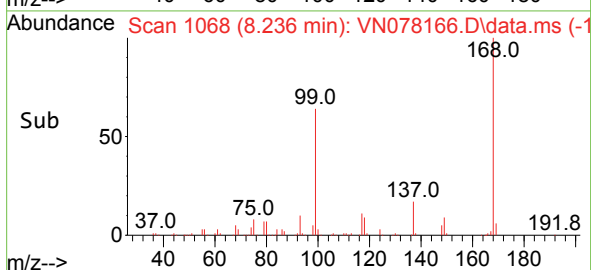
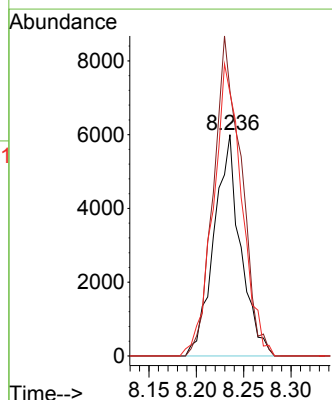
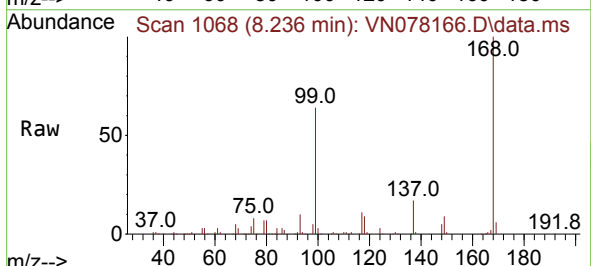
RT: 8.236 min Scan# 1068

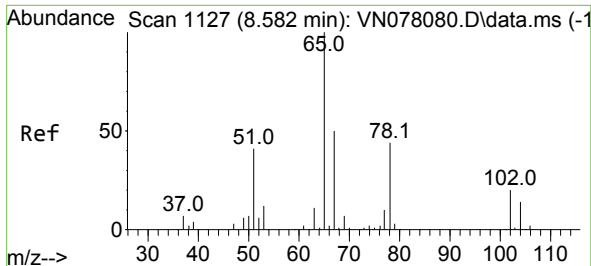
Delta R.T. -0.029 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 11692 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 119.7 | 26.8  | 40.2# |
| 84       | 118.9 | 81.8  | 122.6 |





#33

1,2-Dichloroethane-d4

Concen: 53.072 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

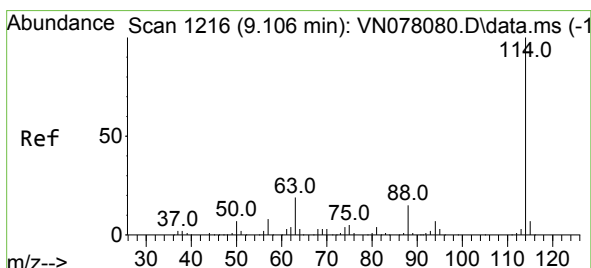
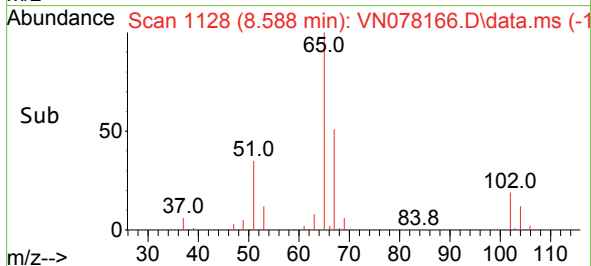
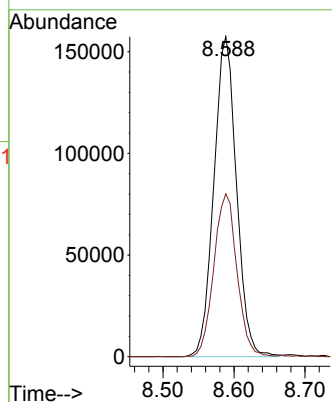
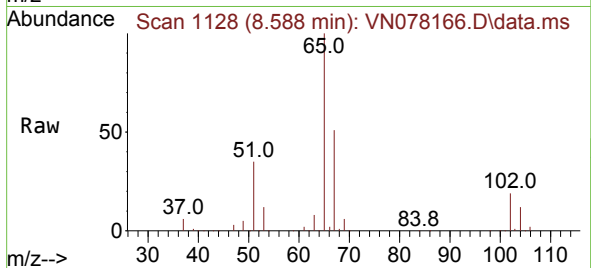
TP-25-0A

Tgt Ion: 65 Resp: 347122

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

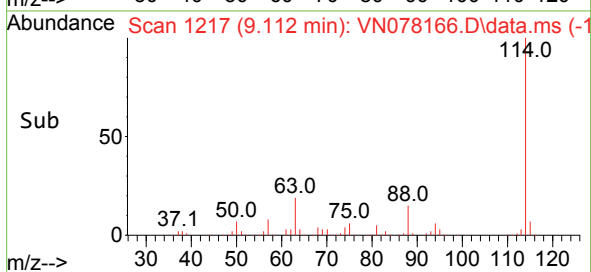
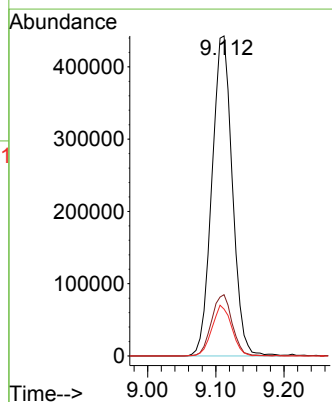
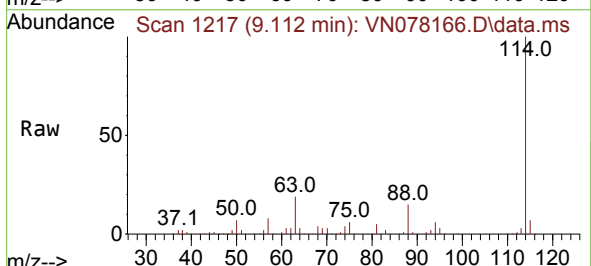
Tgt Ion: 114 Resp: 923088

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.7 0.0 30.6

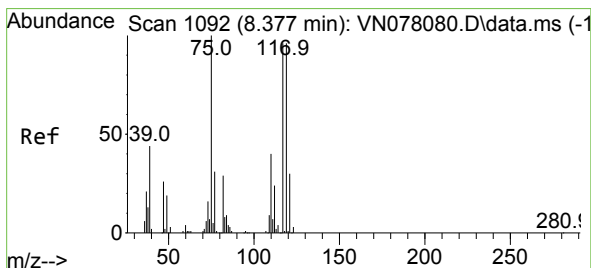
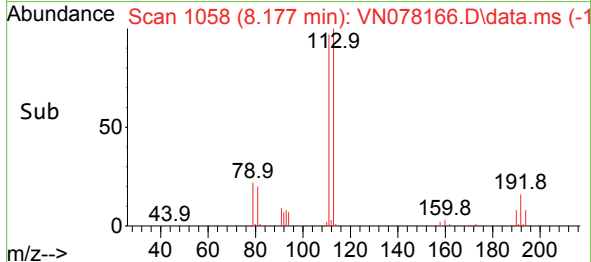
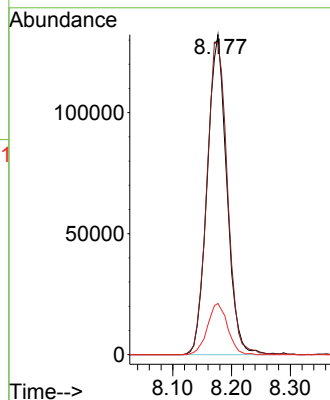
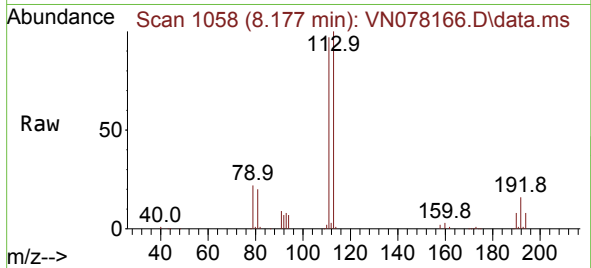




#35  
Dibromofluoromethane  
Concen: 52.241 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

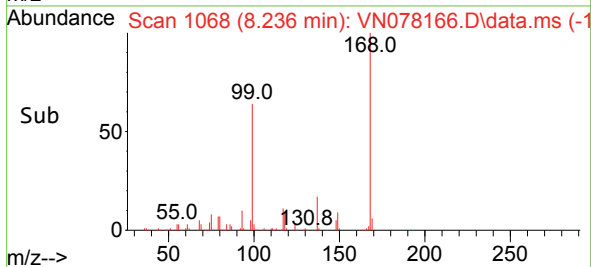
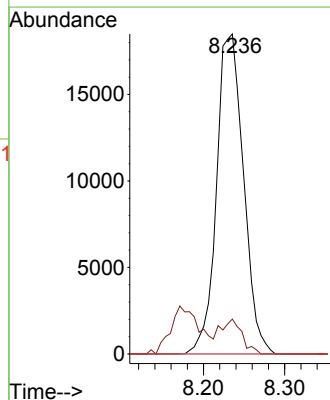
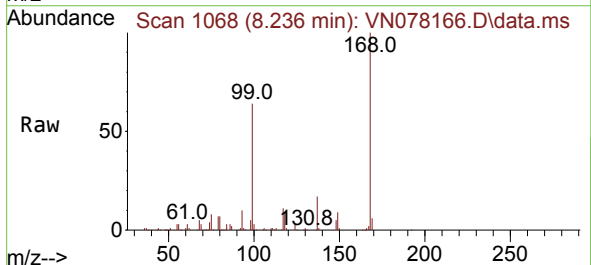
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

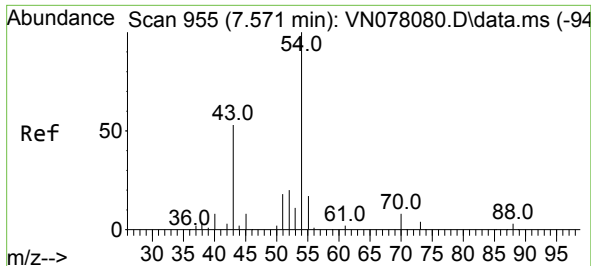
Tgt Ion:113 Resp: 304910  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 123.8  
192 16.5 12.7 19.1



#36  
1,1-Dichloropropene  
Concen: 5.104 ug/l  
RT: 8.236 min Scan# 1068  
Delta R.T. -0.141 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

Tgt Ion: 75 Resp: 42727  
Ion Ratio Lower Upper  
75 100  
110 8.8 19.1 57.3#  
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 9.946 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

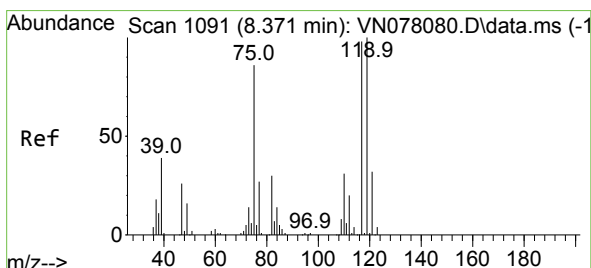
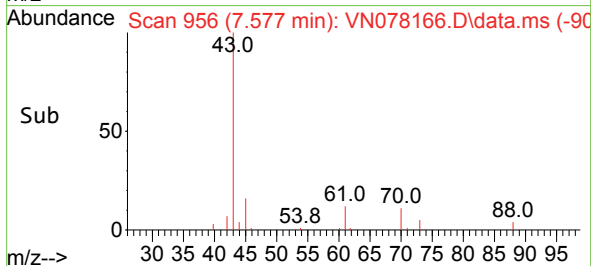
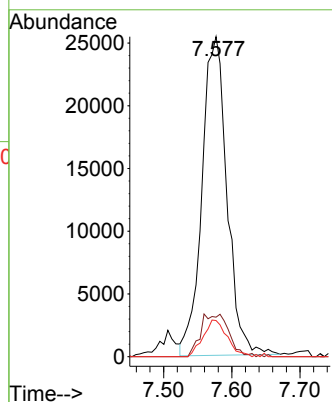
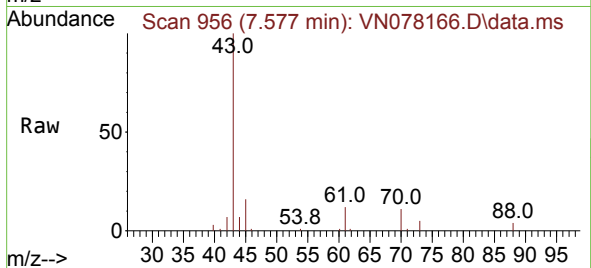
Instrument :

MSVOA\_N

ClientSampleId :

TP-25-0A

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 65047 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.1  | 13.2  | 19.8  |
| 70       | 11.0  | 11.3  | 16.9  |



#38

Carbon Tetrachloride

Concen: 5.872 ug/l

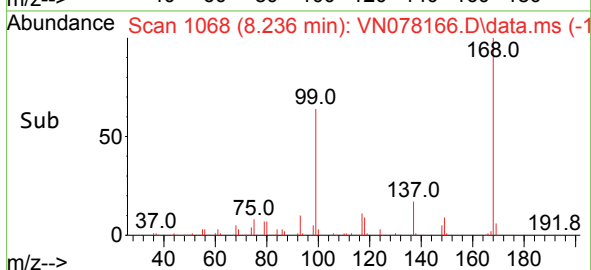
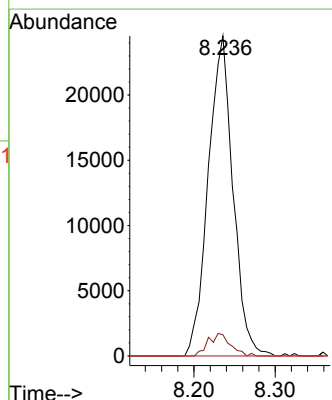
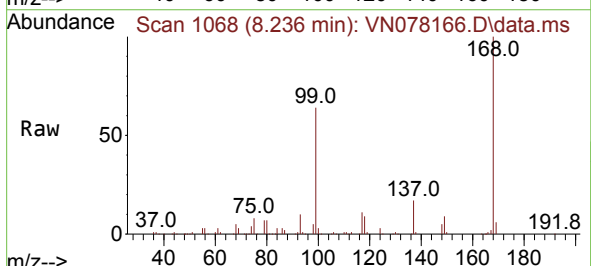
RT: 8.236 min Scan# 1068

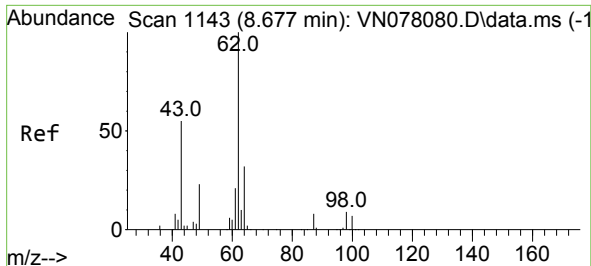
Delta R.T. -0.135 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 51912 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 6.7   | 77.3  | 115.9 |
| 121      | 0.0   | 23.3  | 34.9  |





#42

1,2-Dichloroethane

Concen: 0.281 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.018 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

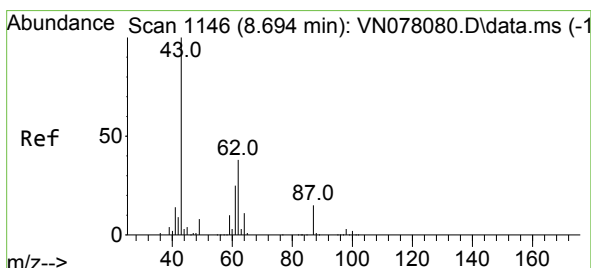
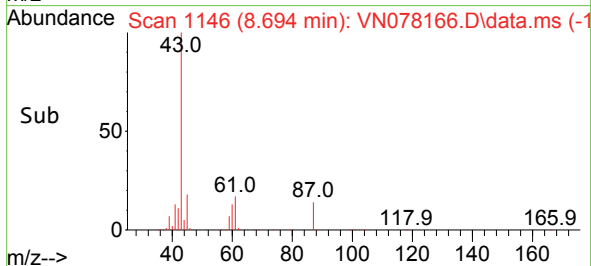
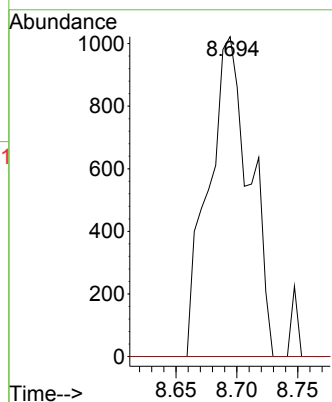
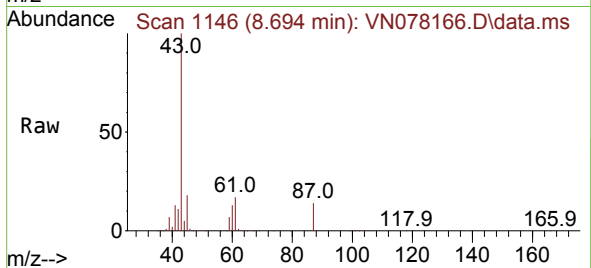
TP-25-0A

Tgt Ion: 62 Resp: 2407

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 44.145 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

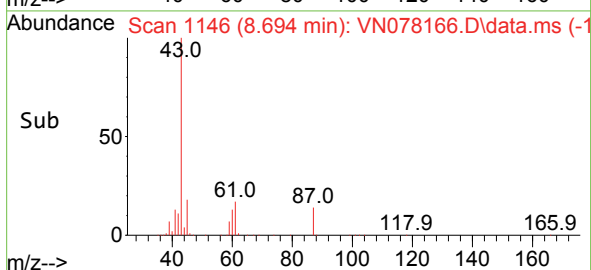
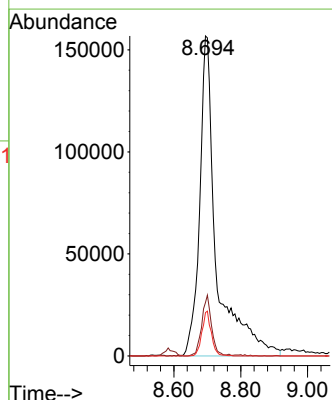
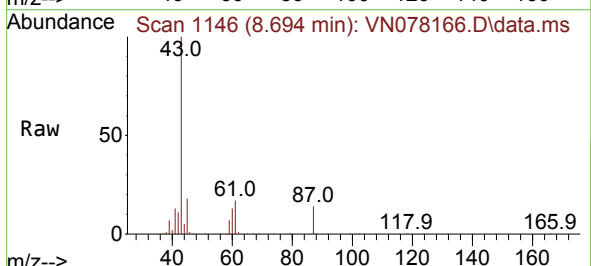
Tgt Ion: 43 Resp: 552155

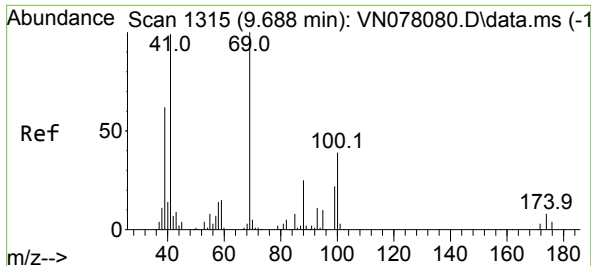
Ion Ratio Lower Upper

43 100

61 10.9 24.7 37.1#

87 7.7 14.6 21.8#

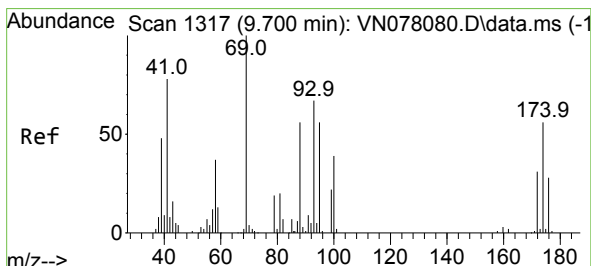
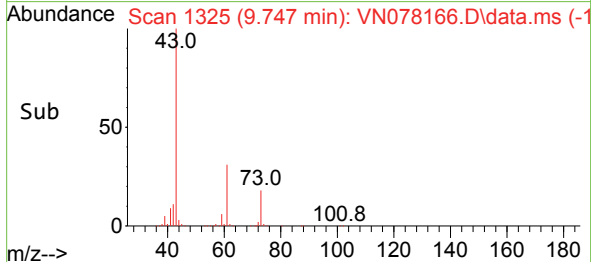
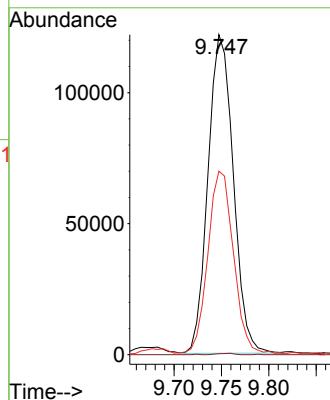
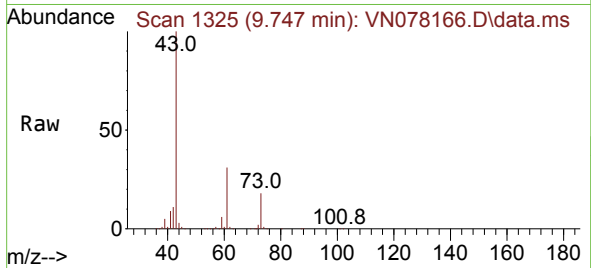




#48  
Methyl methacrylate  
Concen: 43.059 ug/l  
RT: 9.747 min Scan# 11  
Delta R.T. 0.059 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

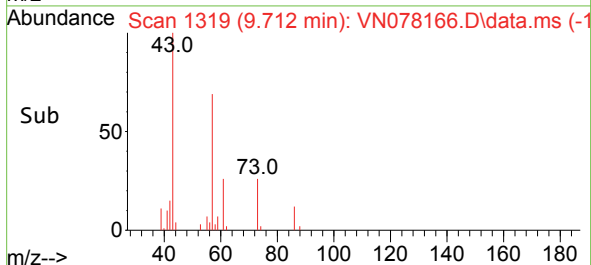
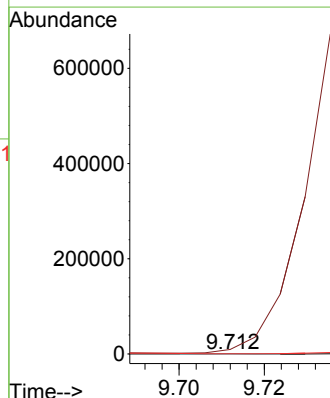
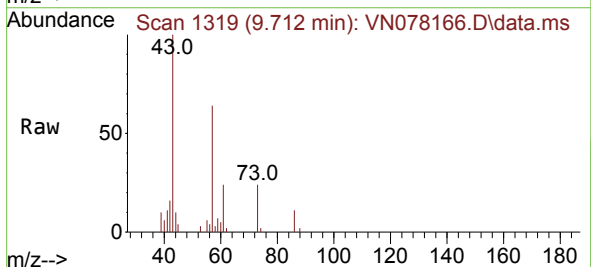
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

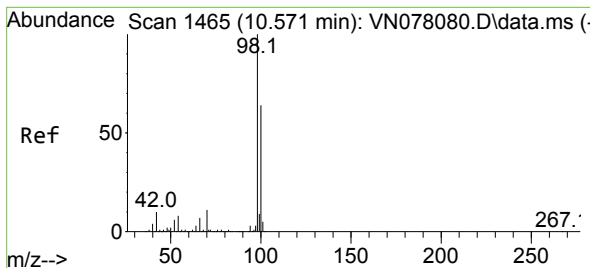
Tgt Ion: 41 Resp: 226012  
Ion Ratio Lower Upper  
41 100  
69 0.3 90.4 135.6#  
39 58.2 54.6 81.8



#49  
1,4-Dioxane  
Concen: 0.598 ug/l  
RT: 9.712 min Scan# 1319  
Delta R.T. 0.012 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

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





#50

Toluene-d8

Concen: 49.720 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

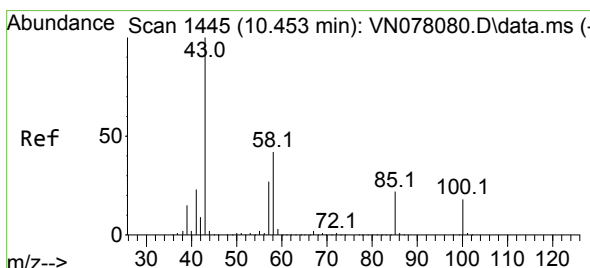
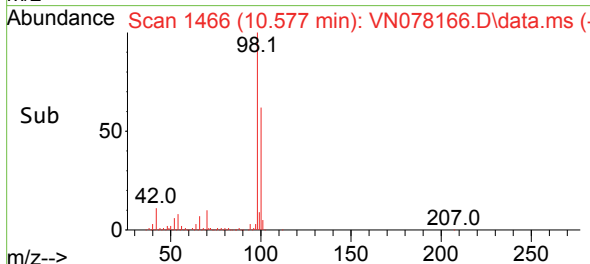
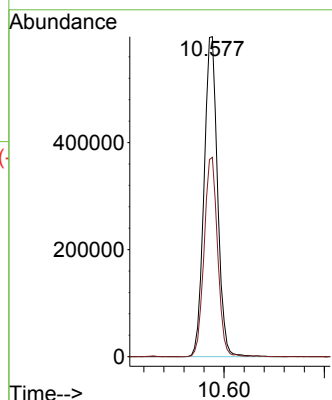
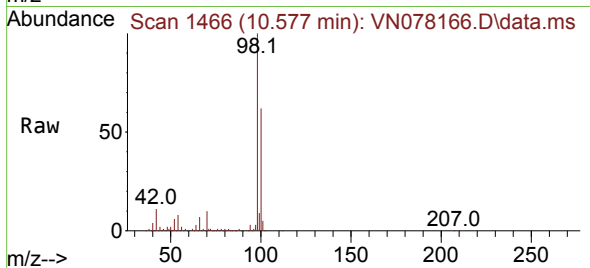
TP-25-0A

Tgt Ion: 98 Resp: 1118738

Ion Ratio Lower Upper

98 100

100 62.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 30.536 ug/l

RT: 10.365 min Scan# 1430

Delta R.T. -0.088 min

Lab File: VN078166.D

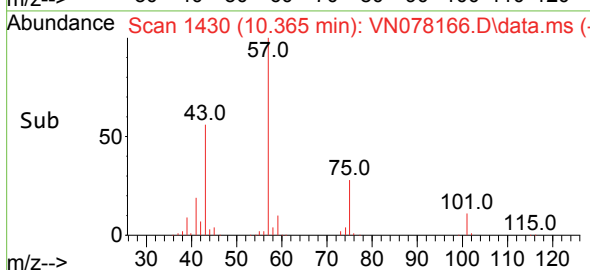
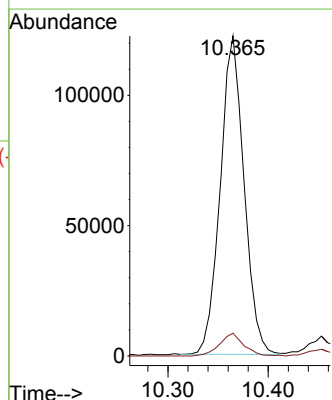
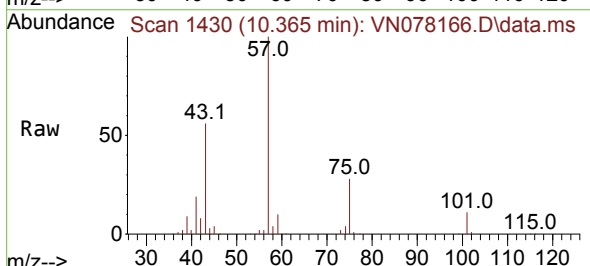
Acq: 12 Jun 2023 15:06

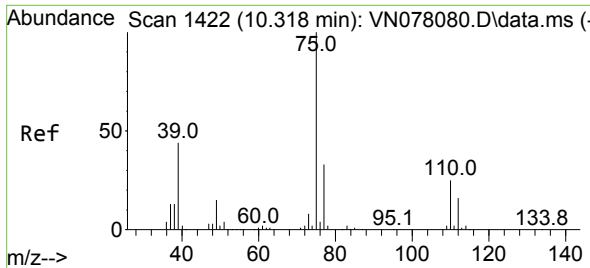
Tgt Ion: 43 Resp: 201123

Ion Ratio Lower Upper

43 100

58 7.3 36.6 54.8#

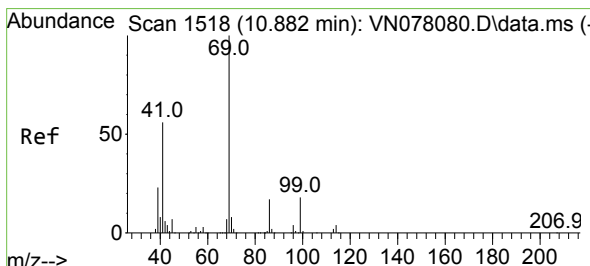
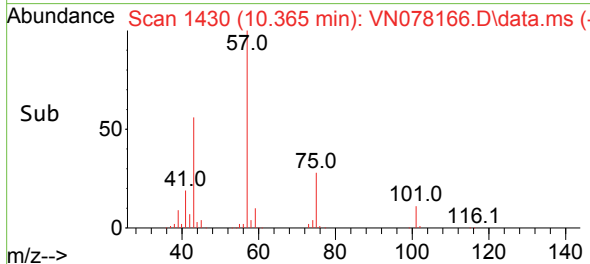
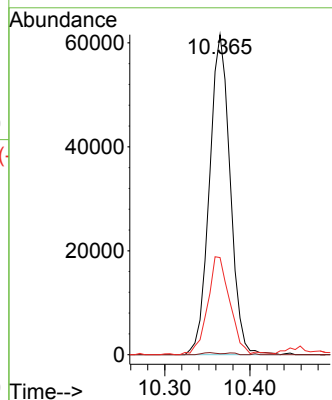
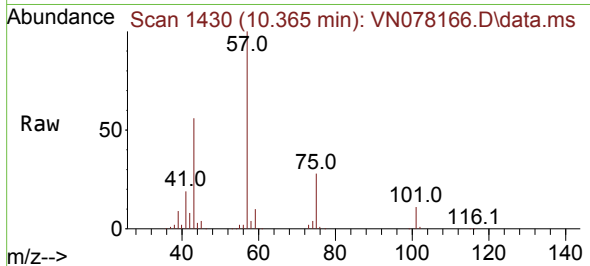




#54  
 cis-1,3-Dichloropropene  
 Concen: 10.633 ug/l  
 RT: 10.365 min Scan# 14  
 Delta R.T. 0.047 min  
 Lab File: VN078166.D  
 Acq: 12 Jun 2023 15:06

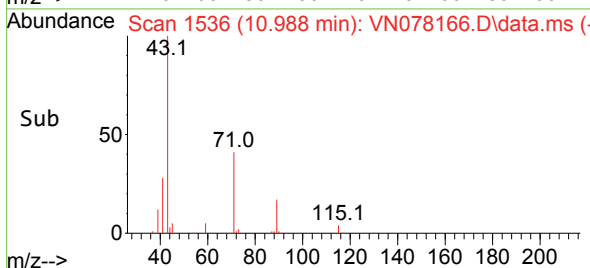
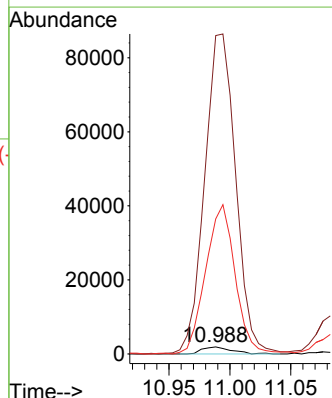
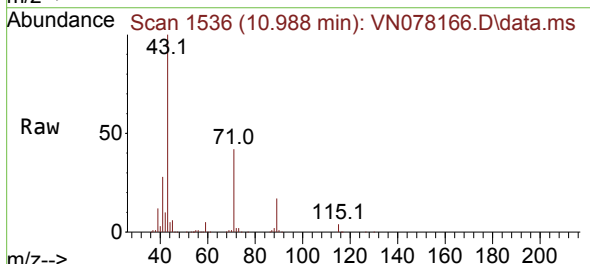
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-25-0A

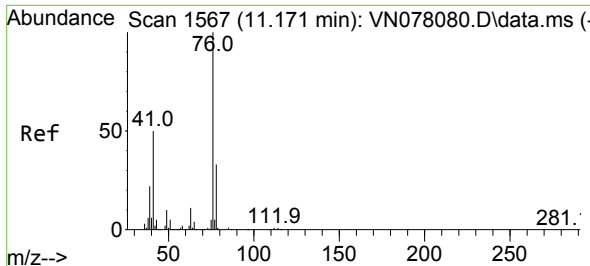
Tgt Ion: 75 Resp: 104146  
 Ion Ratio Lower Upper  
 75 100  
 77 0.3 26.1 39.1#  
 39 30.3 31.6 47.4#



#56  
 Ethyl methacrylate  
 Concen: 0.372 ug/l  
 RT: 10.988 min Scan# 1536  
 Delta R.T. 0.106 min  
 Lab File: VN078166.D  
 Acq: 12 Jun 2023 15:06

Tgt Ion: 69 Resp: 3236  
 Ion Ratio Lower Upper  
 69 100  
 41 4740.0 39.6 59.4#  
 39 2111.6 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.282 ug/l

RT: 11.212 min Scan# 1574

Delta R.T. 0.041 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

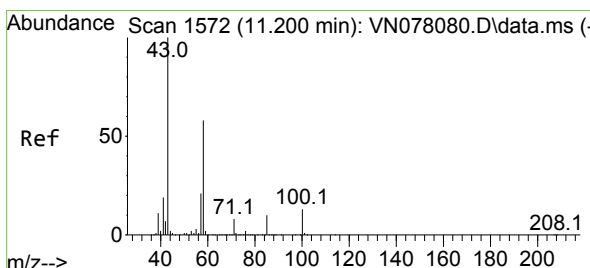
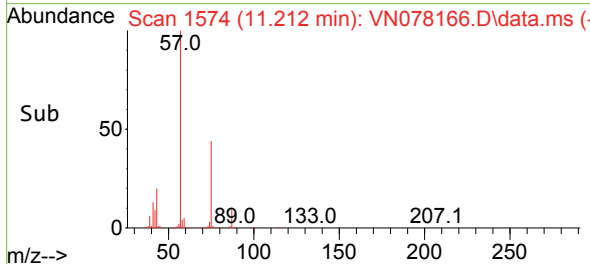
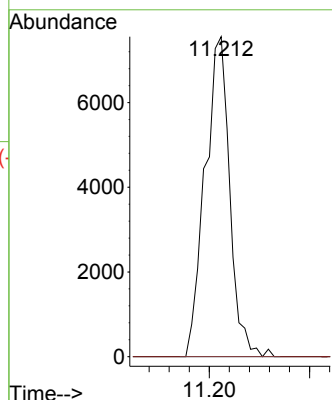
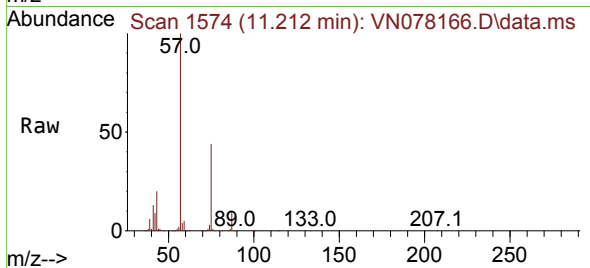
TP-25-0A

Tgt Ion: 76 Resp: 12916

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 33.274 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN078166.D

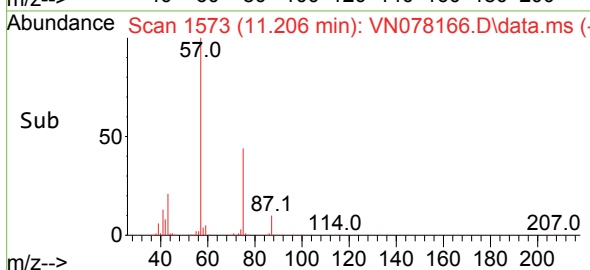
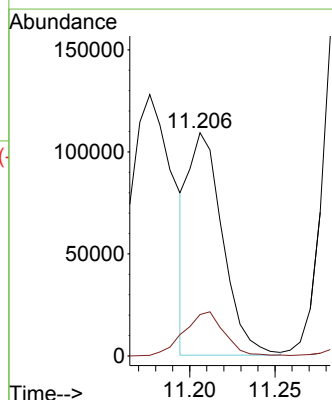
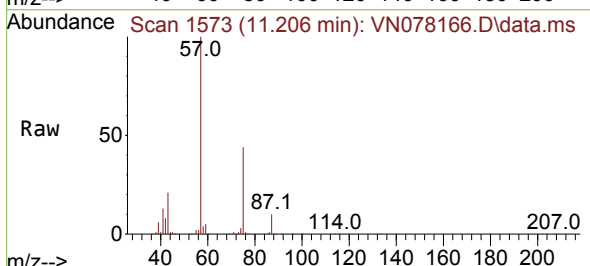
Acq: 12 Jun 2023 15:06

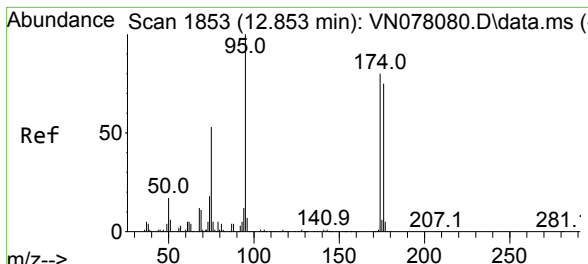
Tgt Ion: 43 Resp: 152594

Ion Ratio Lower Upper

43 100

58 23.5 31.7 95.1#



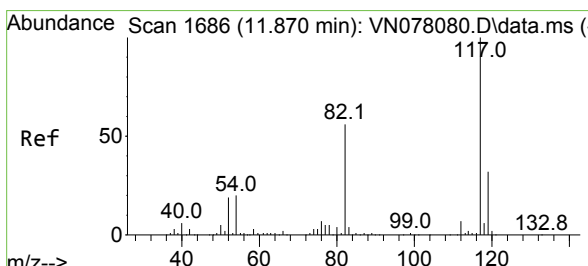
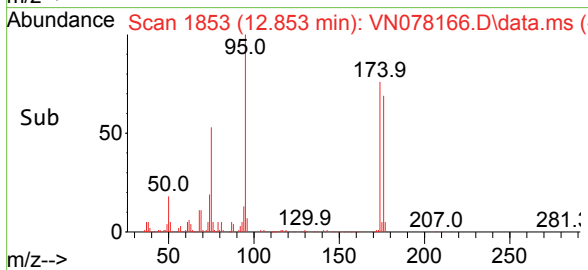
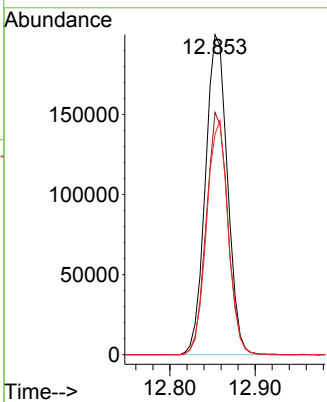
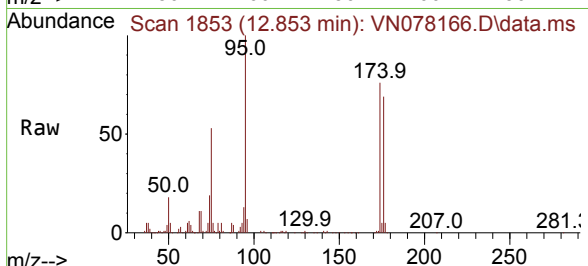


#62  
 4-Bromofluorobenzene  
 Concen: 51.212 ug/l  
 RT: 12.853 min Scan# 1853  
 Delta R.T. 0.000 min  
 Lab File: VN078166.D  
 Acq: 12 Jun 2023 15:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-25-0A

Tgt Ion: 95 Resp: 358222

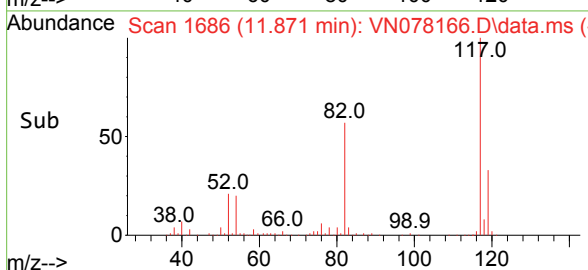
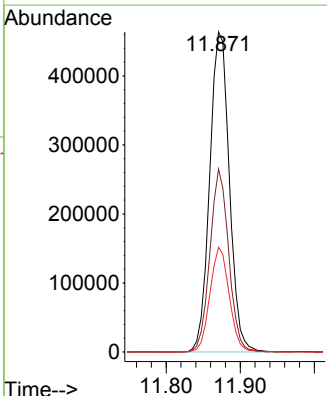
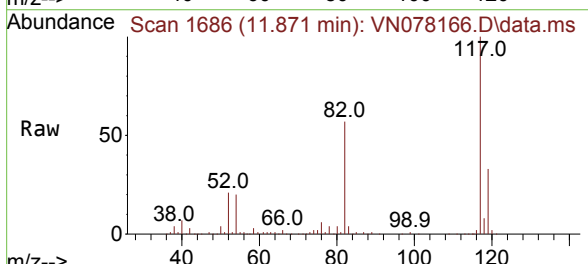
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 74.4  | 0.0   | 143.8 |
| 176 | 71.8  | 0.0   | 135.8 |

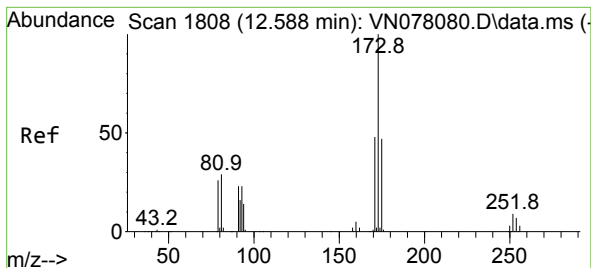


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.871 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: VN078166.D  
 Acq: 12 Jun 2023 15:06

Tgt Ion: 117 Resp: 854019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 57.2  | 44.0  | 66.0  |
| 119 | 32.7  | 25.6  | 38.4  |





#71

Bromoform

Concen: 0.463 ug/l

RT: 12.853 min Scan# 1808

Delta R.T. 0.265 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

TP-25-0A

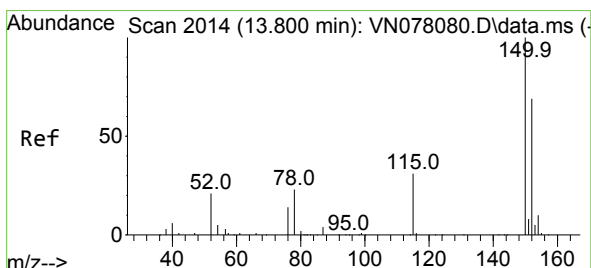
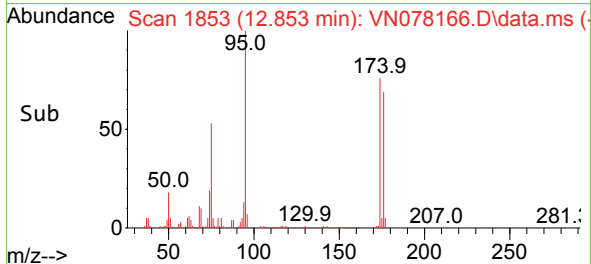
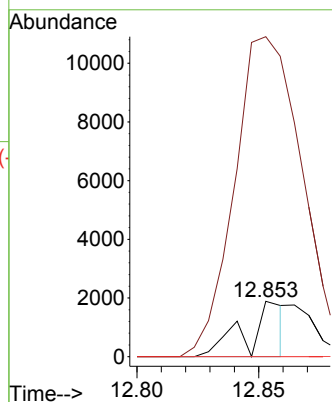
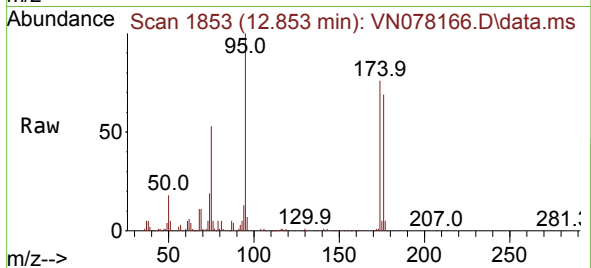
Tgt Ion:173 Resp: 2008

Ion Ratio Lower Upper

173 100

175 898.1 24.3 73.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

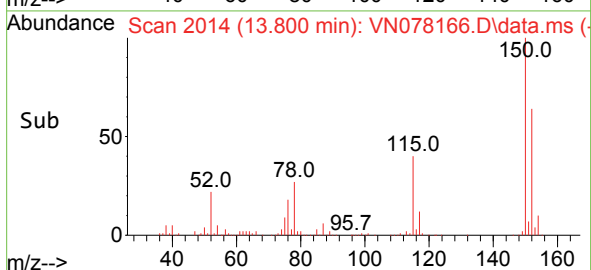
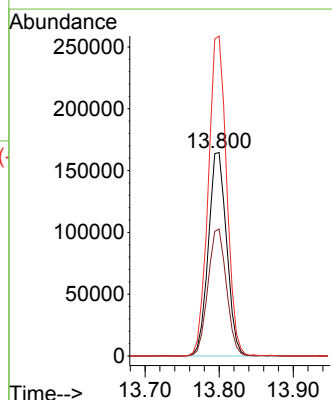
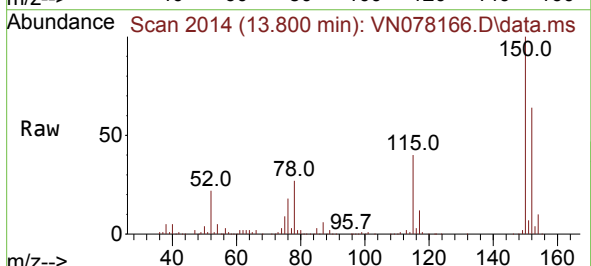
Tgt Ion:152 Resp: 281830

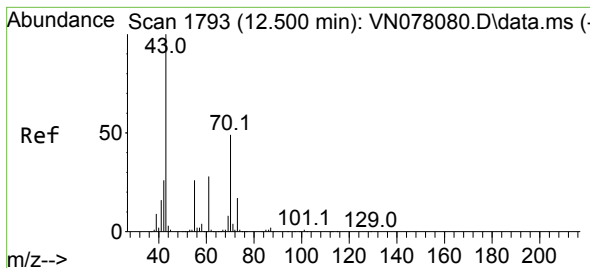
Ion Ratio Lower Upper

152 100

115 63.0 32.3 96.8

150 157.6 0.0 355.8





#74

N-amy1 acetate

Concen: 6.649 ug/l

RT: 12.312 min Scan# 1

Delta R.T. -0.188 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

Instrument :

MSVOA\_N

ClientSampleId :

TP-25-0A

Tgt Ion: 43 Resp: 58350

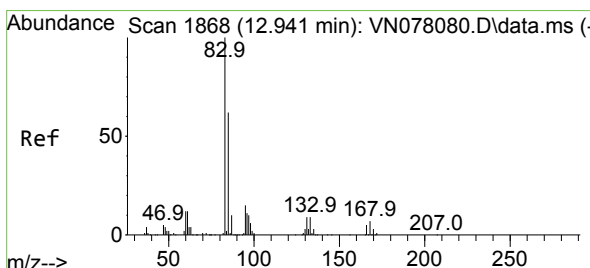
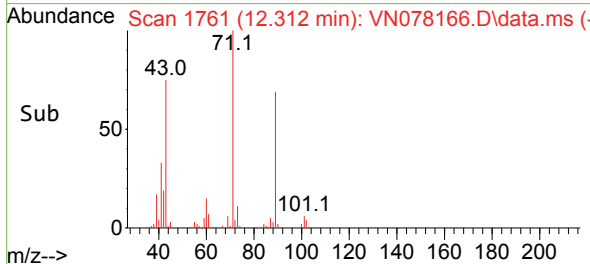
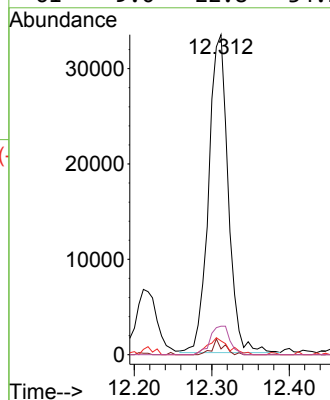
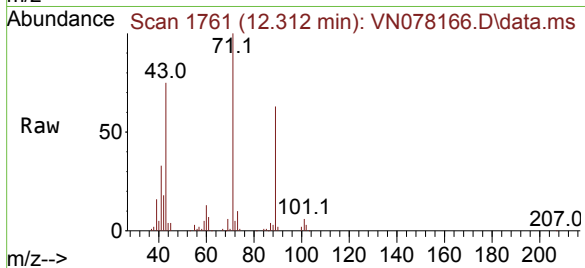
Ion Ratio Lower Upper

43 100

70 2.9 43.4 65.2#

55 5.7 21.4 32.0#

61 9.0 22.8 34.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.859 min Scan# 1854

Delta R.T. -0.082 min

Lab File: VN078166.D

Acq: 12 Jun 2023 15:06

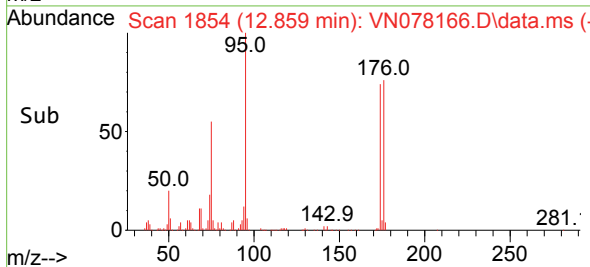
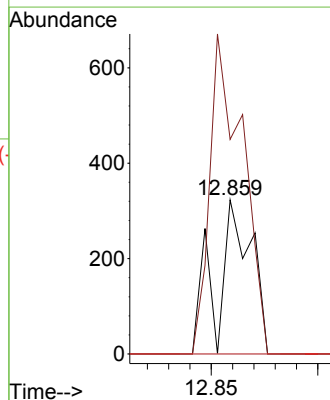
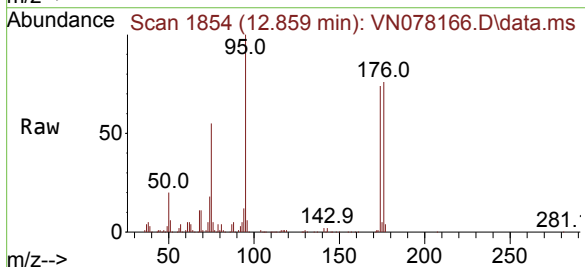
Tgt Ion: 83 Resp: 367

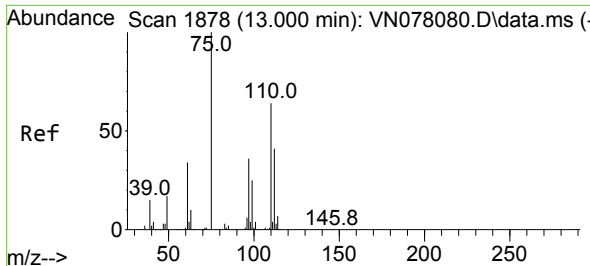
Ion Ratio Lower Upper

83 100

131 195.9 5.0 15.0#

85 0.0 31.9 95.7#

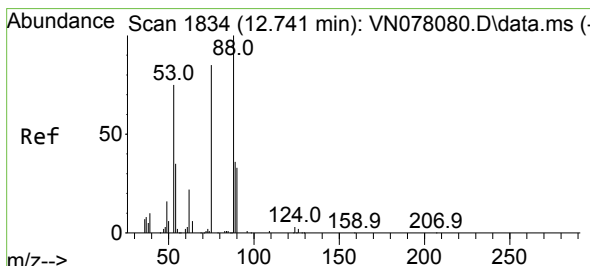
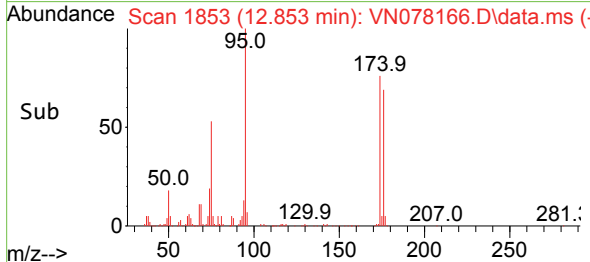
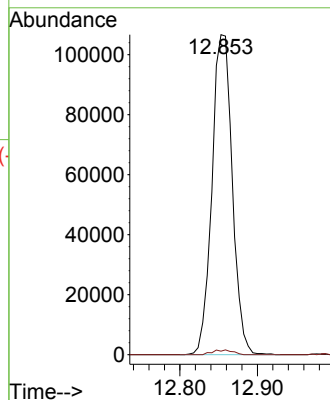
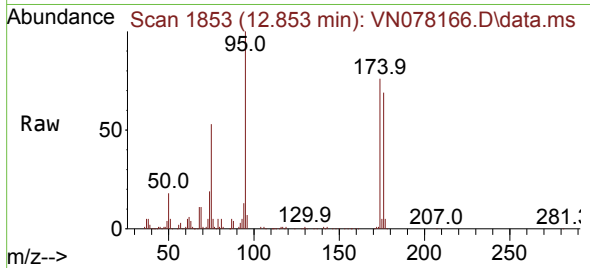




#76  
1,2,3-Trichloropropane  
Concen: 29.168 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.147 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-25-0A

Tgt Ion: 75 Resp: 194335  
Ion Ratio Lower Upper  
75 100  
77 1.4 84.5 253.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 89.614 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.112 min  
Lab File: VN078166.D  
Acq: 12 Jun 2023 15:06

Tgt Ion: 75 Resp: 194335  
Ion Ratio Lower Upper  
75 100  
53 0.1 67.4 101.2#  
89 0.2 38.8 58.2#

