

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050522\  
 Data File : VN072344.D  
 Acq On : 05 May 2022 16:58  
 Operator : JC\MD  
 Sample : N2705-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 N48967

Quant Time: May 06 01:36:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.081          | 168  | 243677     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 461080     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 498313     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668         | 152  | 195072     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433          | 65   | 184555     | 49.333    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 98.660%   |        |          |
| 35) Dibromofluoromethane      | 8.016          | 113  | 142710     | 48.357    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 96.720%   |        |          |
| 50) Toluene-d8                | 10.439         | 98   | 582116     | 50.198    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 100.400%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 227152     | 59.015    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 118.040%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.063          | 85   | 59         | Below Cal | #      | 43       |
| 3) Chloromethane              | 2.299          | 50   | 1212       | Below Cal | #      | 86       |
| 5) Bromomethane               | 2.840          | 94   | 208        | Below Cal | #      | 2        |
| 6) Chloroethane               | 3.010          | 64   | 101        | Below Cal | #      | 42       |
| 11) Tert butyl alcohol        | 5.316          | 59   | 10321      | 16.788    | ug/l # | 72       |
| 13) Acrolein                  | 4.040          | 56   | 174        | 0.281     | ug/l # | 41       |
| 16) Acetone                   | 4.287          | 43   | 22486      | 13.941    | ug/l # | 88       |
| 17) Carbon Disulfide          | 4.534          | 76   | 495        | 0.453     | ug/l # | 75       |
| 19) Methyl tert-butyl Ether   | 5.610          | 73   | 11694      | 1.282     | ug/l   | 94       |
| 20) Methylene Chloride        | 5.093          | 84   | 1570       | 0.508     | ug/l # | 82       |
| 25) 2-Butanone                | 7.334          | 43   | 32999      | 12.847    | ug/l   | 98       |
| 26) 2,2-Dichloropropane       | 7.304          | 77   | 1025       | 0.236     | ug/l # | 53       |
| 27) cis-1,2-Dichloroethene    | 7.322          | 96   | 1946       | 0.622     | ug/l   | 82       |
| 29) Tetrahydrofuran           | 7.686          | 42   | 13411      | 7.956     | ug/l   | 90       |
| 31) Cyclohexane               | 8.081          | 56   | 5857       | 1.172     | ug/l # | 52       |
| 36) 1,1-Dichloropropene       | 8.081          | 75   | 20432      | 4.756     | ug/l # | 43       |
| 37) Ethyl Acetate             | 7.334          | 43   | 32999      | 5.785     | ug/l # | 81       |
| 38) Carbon Tetrachloride      | 8.086          | 117  | 25439      | 5.529     | ug/l # | 18       |
| 41) Methacrylonitrile         | 7.686          | 41   | 8062       | 2.794     | ug/l # | 38       |
| 43) Isopropyl Acetate         | 8.569          | 43   | 131        | 0.816     | ug/l # | 53       |
| 51) 4-Methyl-2-Pentanone      | 10.339         | 43   | 1547       | 0.287     | ug/l # | 81       |
| 52) Toluene                   | 10.504         | 92   | 2606       | 0.327     | ug/l   | 78       |
| 56) Ethyl methacrylate        | 10.757         | 69   | 334        | 2.420     | ug/l # | 44       |
| 59) 2-Hexanone                | 11.086         | 43   | 3249       | 0.857     | ug/l   | 81       |
| 68) m/p-Xylenes               | 11.945         | 106  | 2029       | 0.311     | ug/l   | 97       |
| 74) N-amyl acetate            | 12.380         | 43   | 1483       | 0.230     | ug/l # | 80       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827         | 83   | 353        | Below Cal | #      | 69       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 121914     | 27.818    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.727         | 75   | 121914     | 72.263    | ug/l # | 10       |
| 88) 1,4-Dichlorobenzene       | 13.692         | 146  | 1823       | 0.284     | ug/l # | 1        |
| 89) n-Butylbenzene            | 13.933         | 91   | 2697       | 0.275     | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.257         | 180  | 1533       | 2.905     | ug/l   | 85       |
| 95) Naphthalene               | 15.504         | 128  | 3729       | 4.637     | ug/l # | 85       |
| 96) 1,2,3-Trichlorobenzene    | 15.709         | 180  | 1079       | 3.015     | ug/l   | 91       |
| -----                         |                |      |            |           |        |          |

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Sample : N2705-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

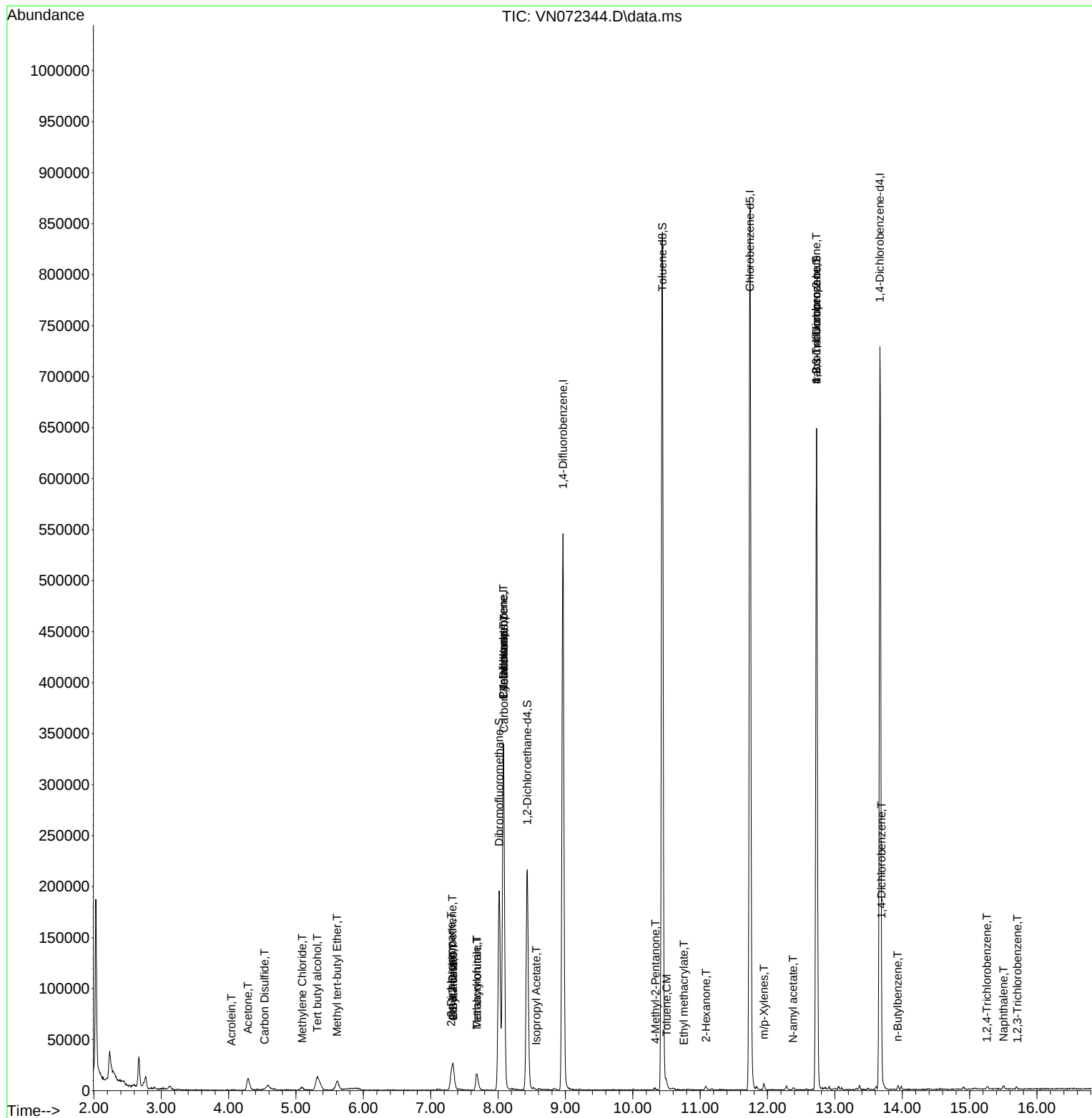
Quant Time: May 06 01:36:34 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

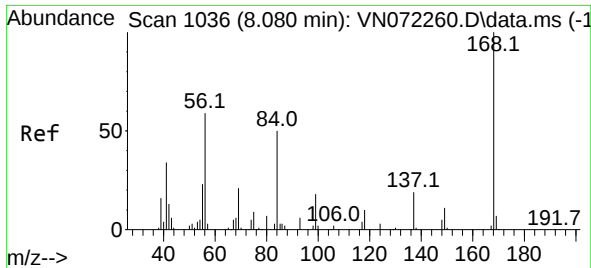
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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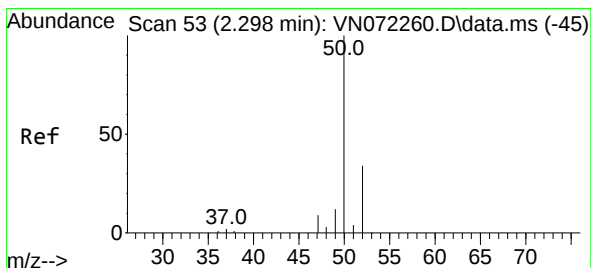
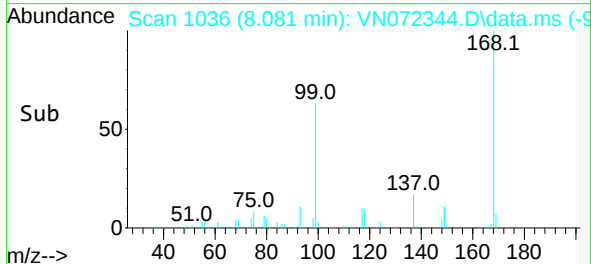
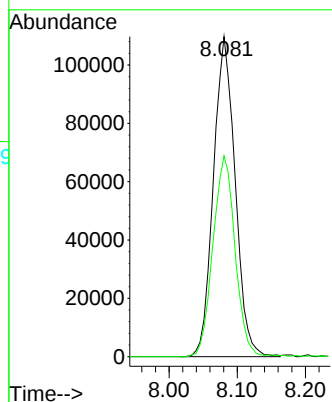
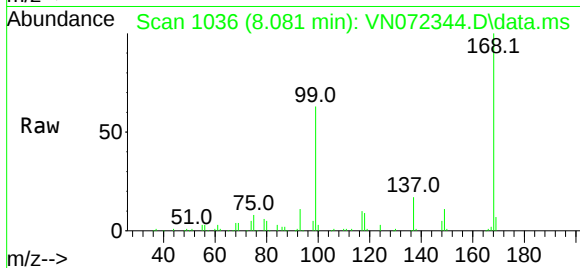




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1036  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

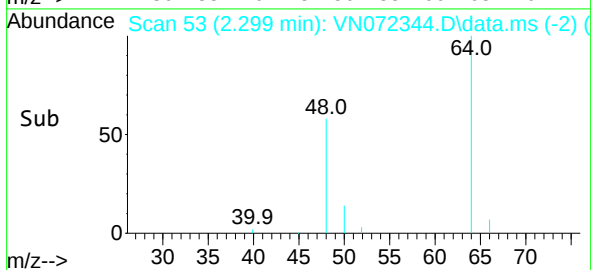
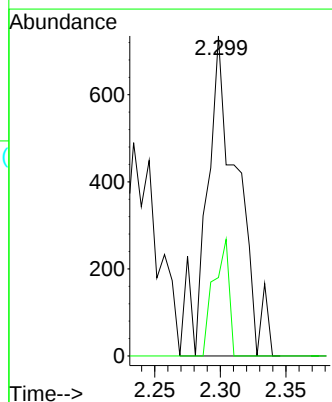
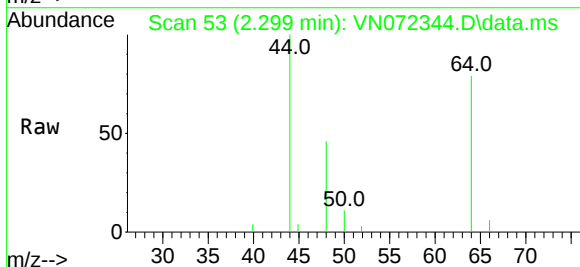
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

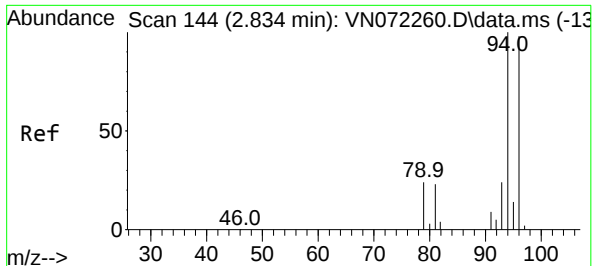
Tgt Ion:168 Resp: 243677  
Ion Ratio Lower Upper  
168 100  
99 62.8 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.299 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 50 Resp: 1212  
Ion Ratio Lower Upper  
50 100  
52 24.5 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.840 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

Instrument :

MSVOA\_N

ClientSampleId :

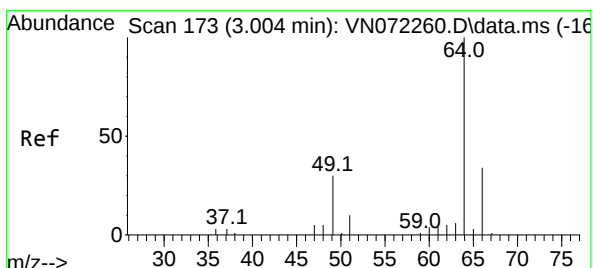
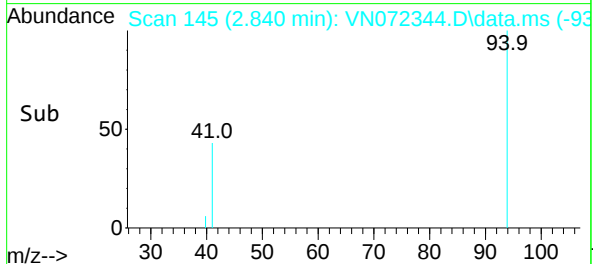
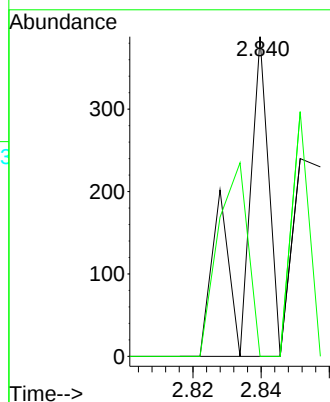
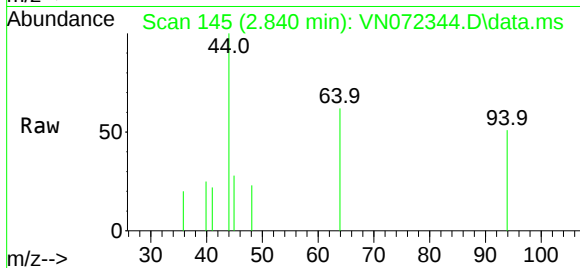
N48967

Tgt Ion: 94 Resp: 208

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.010 min Scan# 174

Delta R.T. 0.005 min

Lab File: VN072344.D

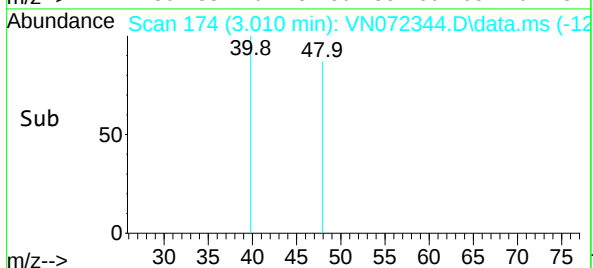
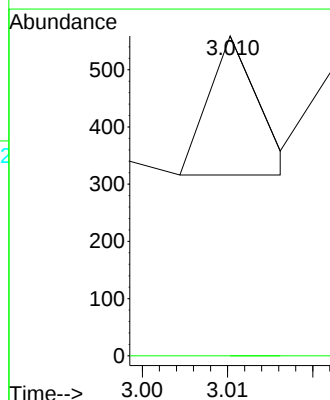
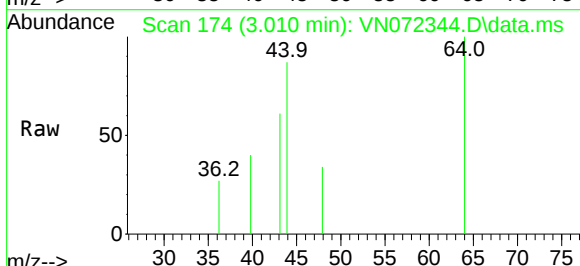
Acq: 05 May 2022 16:58

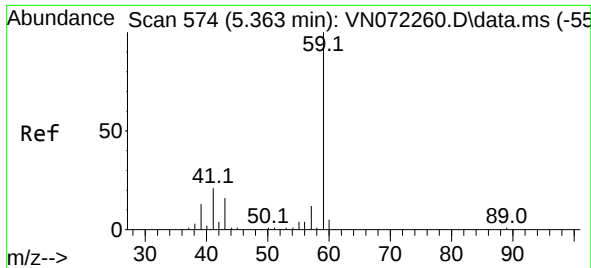
Tgt Ion: 64 Resp: 101

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

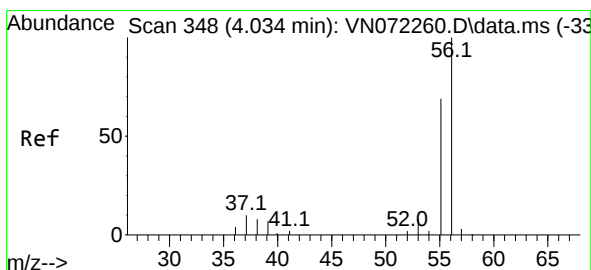
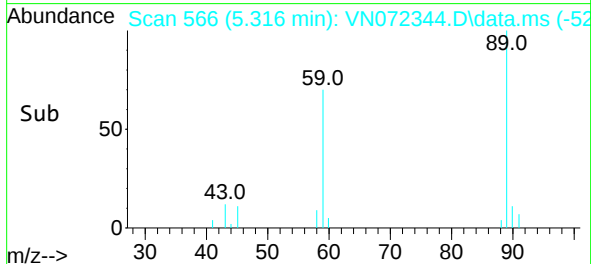
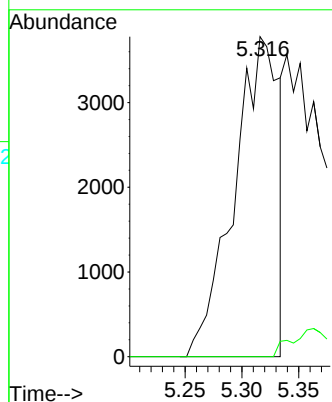
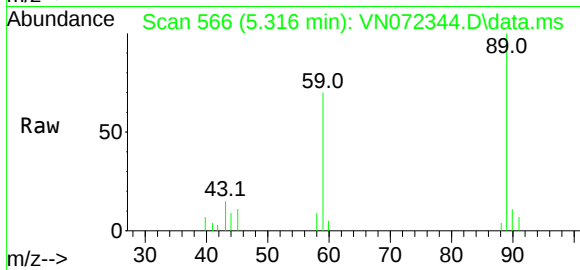




#11  
Tert butyl alcohol  
Concen: 16.788 ug/l  
RT: 5.316 min Scan# 50  
Delta R.T. -0.047 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

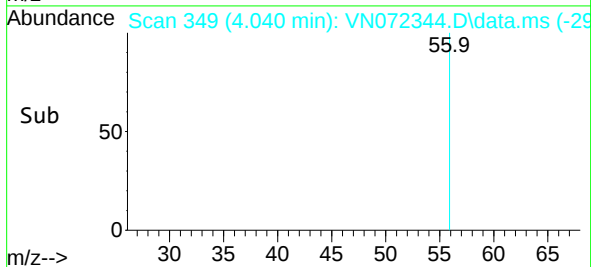
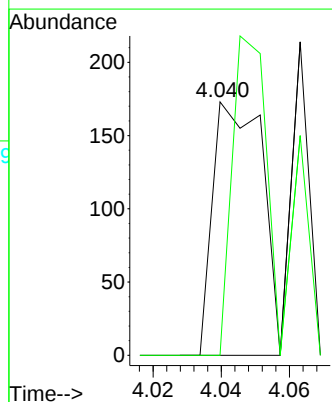
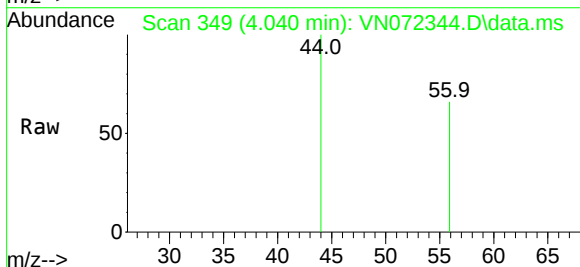
Instrument :  
MSVOA\_N  
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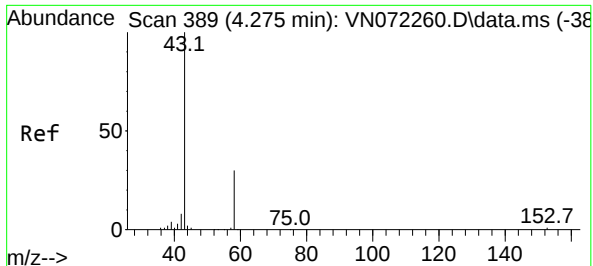
Tgt Ion: 59 Resp: 10321  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#13  
Acrolein  
Concen: 0.281 ug/l  
RT: 4.040 min Scan# 349  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 56 Resp: 174  
Ion Ratio Lower Upper  
56 100  
55 116.7 54.8 82.2#

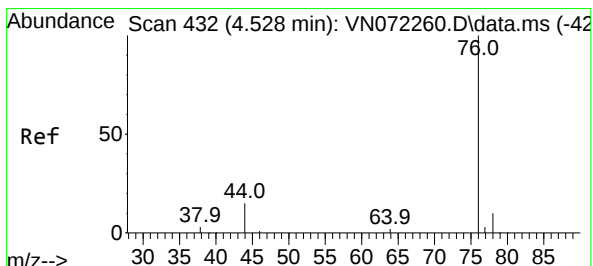
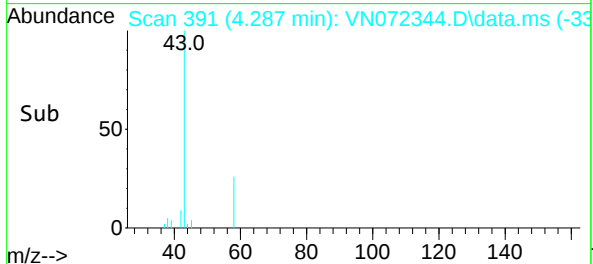
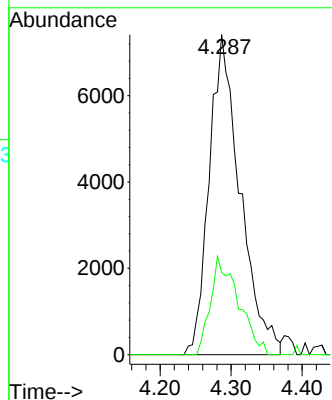
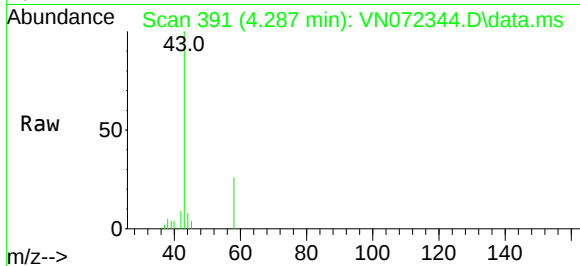




#16  
Acetone  
Concen: 13.941 ug/l  
RT: 4.287 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

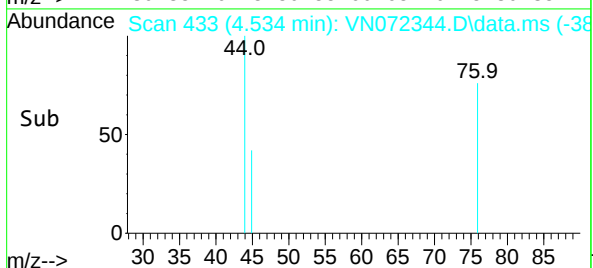
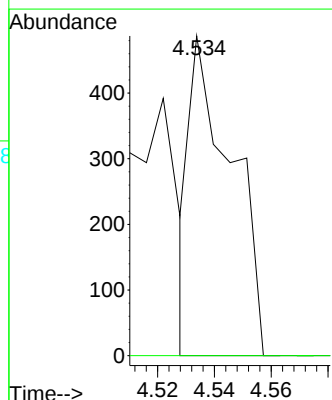
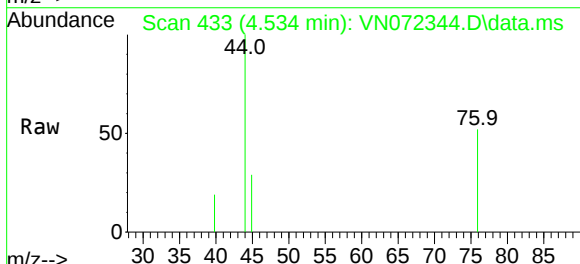
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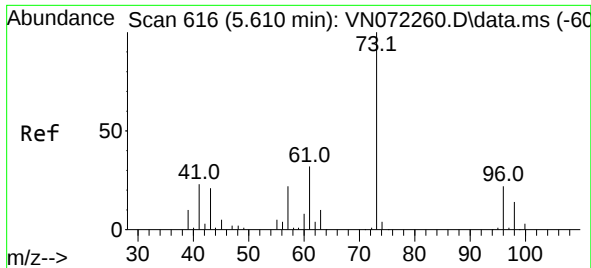
Tgt Ion: 43 Resp: 22486  
Ion Ratio Lower Upper  
43 100  
58 25.7 26.0 39.0#



#17  
Carbon Disulfide  
Concen: 0.453 ug/l  
RT: 4.534 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 76 Resp: 495  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

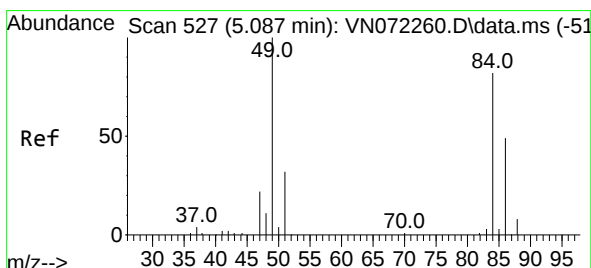
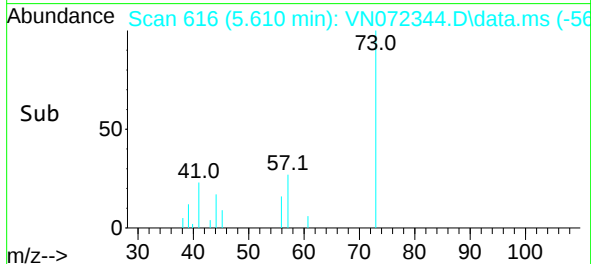
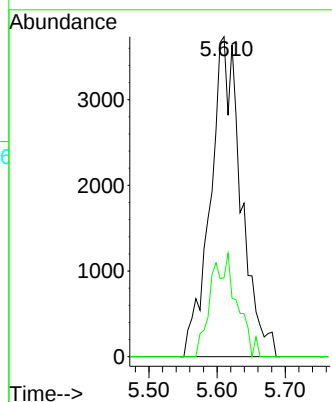
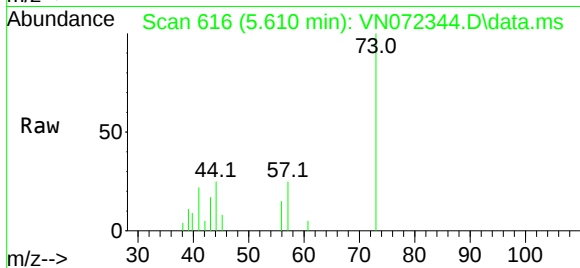




#19  
Methyl tert-butyl Ether  
Concen: 1.282 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

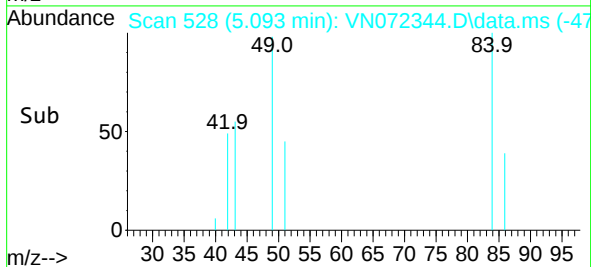
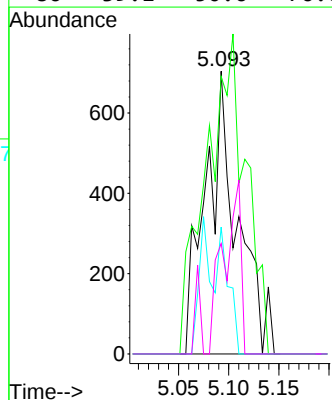
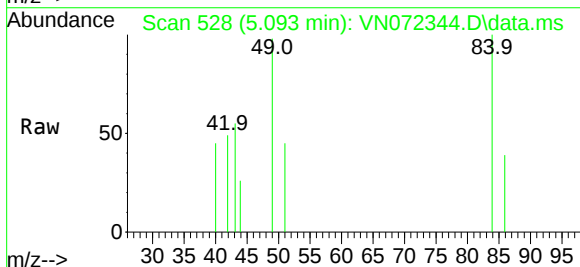
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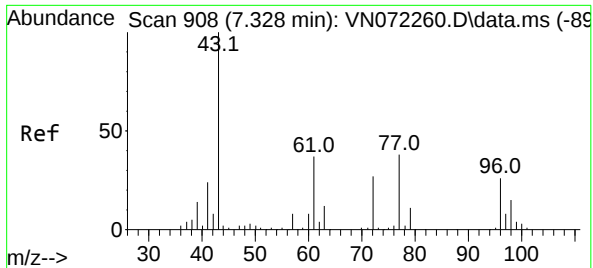
Tgt Ion: 73 Resp: 11694  
Ion Ratio Lower Upper  
73 100  
57 24.7 17.6 26.4



#20  
Methylene Chloride  
Concen: 0.508 ug/l  
RT: 5.093 min Scan# 528  
Delta R.T. 0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 84 Resp: 1570  
Ion Ratio Lower Upper  
84 100  
49 98.2 88.3 132.5  
51 44.9 28.2 42.2#  
86 39.1 50.6 76.0#

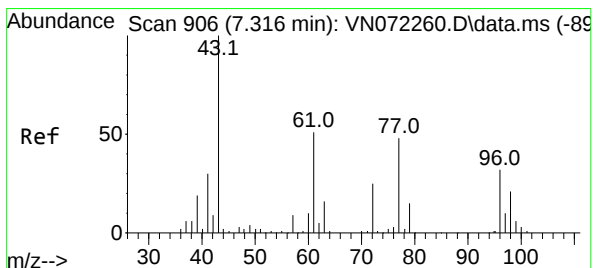
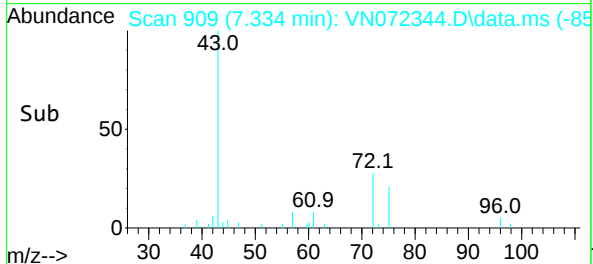
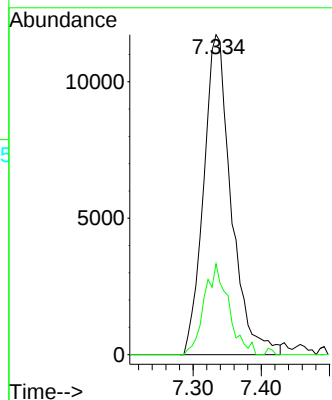
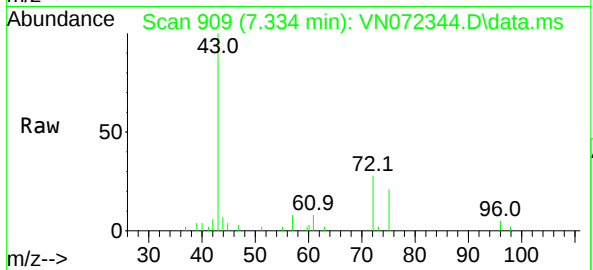




#25  
2-Butanone  
Concen: 12.847 ug/l  
RT: 7.334 min Scan# 908  
Delta R.T. 0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

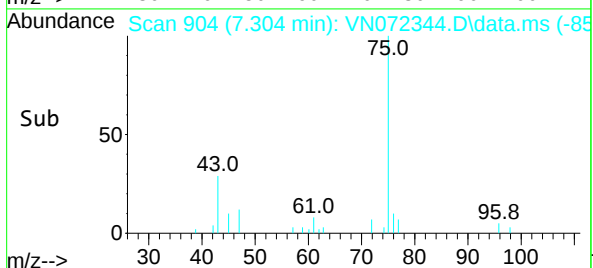
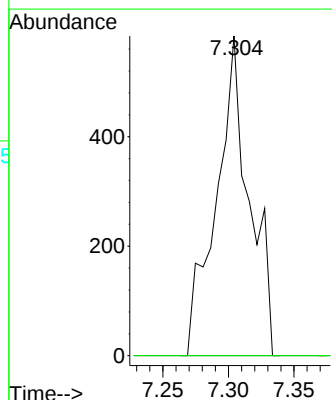
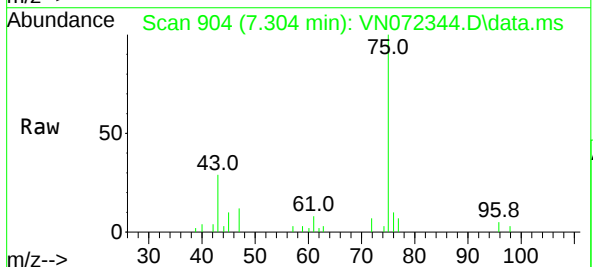
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

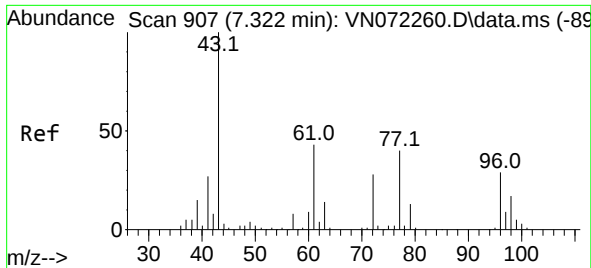
Tgt Ion: 43 Resp: 32999  
Ion Ratio Lower Upper  
43 100  
72 28.4 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 0.236 ug/l  
RT: 7.304 min Scan# 904  
Delta R.T. -0.018 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 77 Resp: 1025  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.4 34.2#

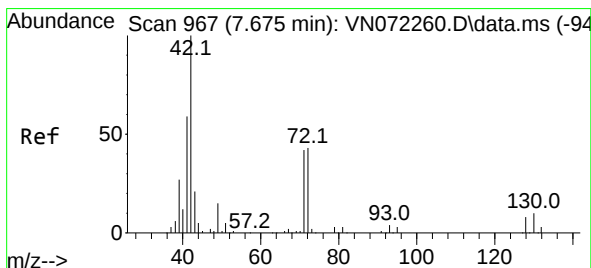
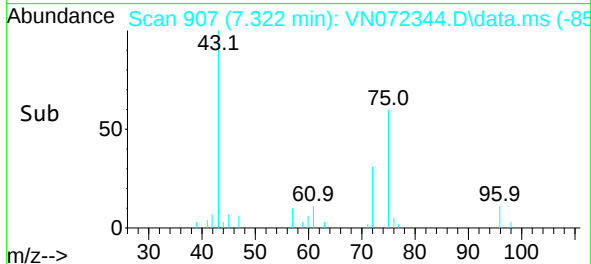
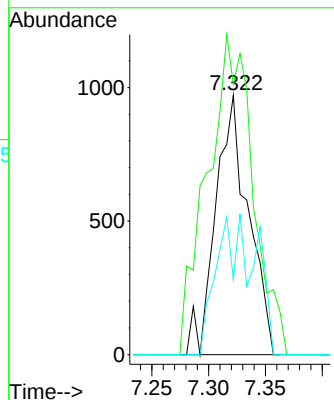
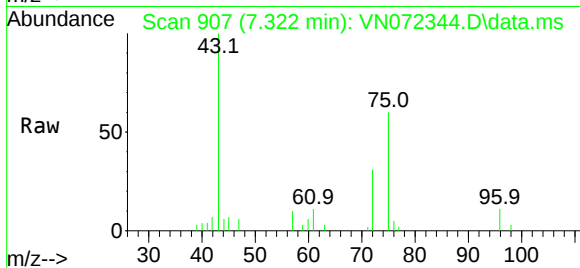




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.622 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VN072344.D  
 Acq: 05 May 2022 16:58

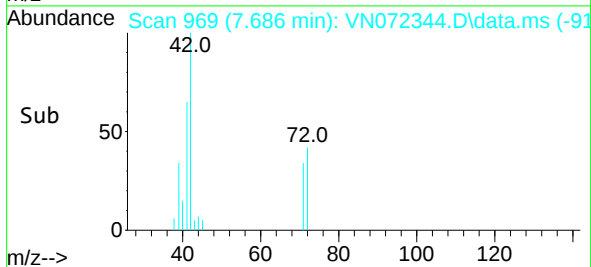
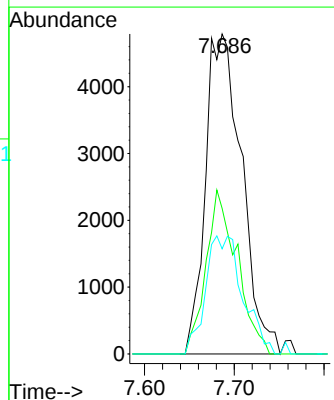
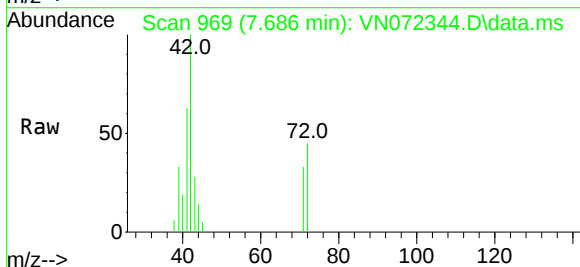
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 N48967

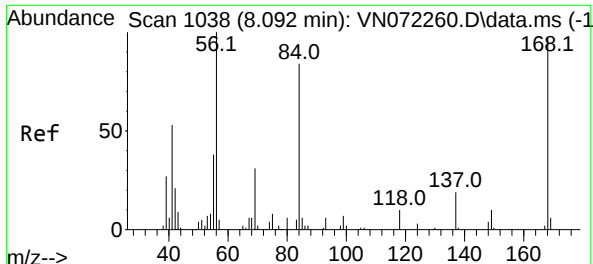
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1946  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 172.1 | 0.0   | 280.6 |
| 98       | 63.5  | 0.0   | 128.4 |



#29  
 Tetrahydrofuran  
 Concen: 7.956 ug/l  
 RT: 7.686 min Scan# 969  
 Delta R.T. 0.005 min  
 Lab File: VN072344.D  
 Acq: 05 May 2022 16:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 13411 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 44.0  | 39.7  | 59.5  |
| 71       | 38.0  | 36.6  | 55.0  |





#31

Cyclohexane

Concen: 1.172 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

Instrument :

MSVOA\_N

ClientSampleId :

N48967

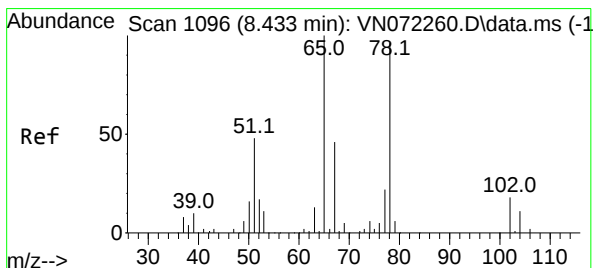
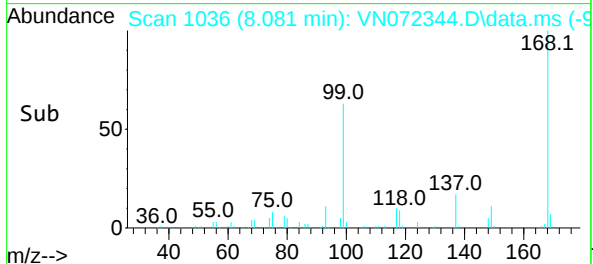
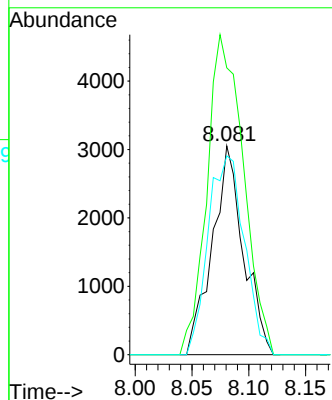
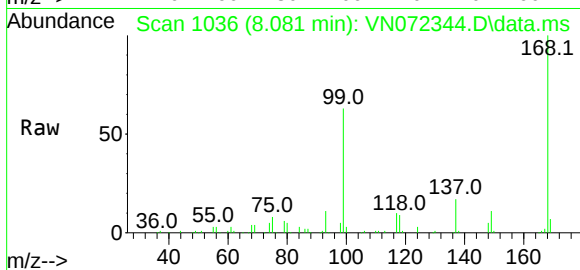
Tgt Ion: 56 Resp: 5857

Ion Ratio Lower Upper

56 100

69 137.4 27.8 41.8#

84 95.3 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 49.333 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072344.D

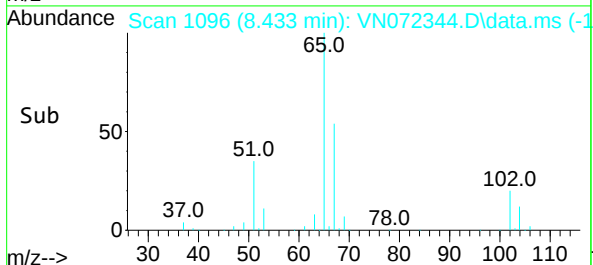
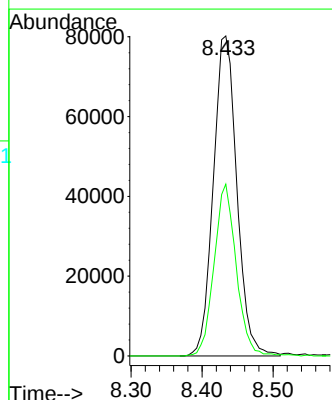
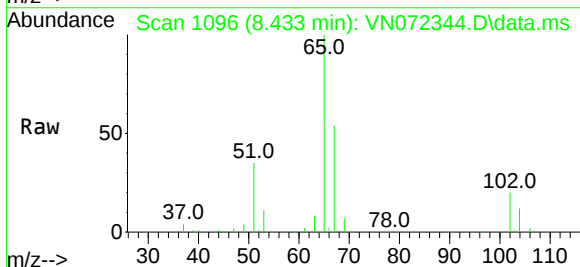
Acq: 05 May 2022 16:58

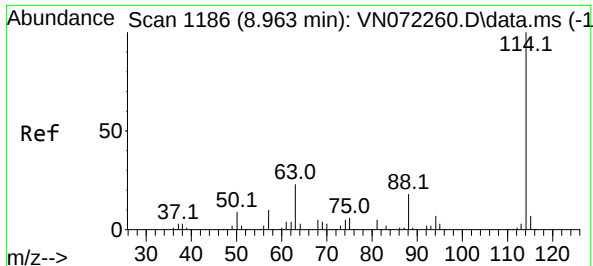
Tgt Ion: 65 Resp: 184555

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.8

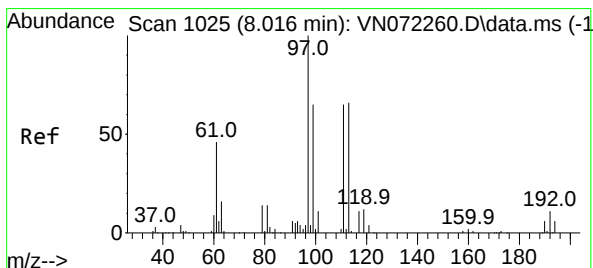
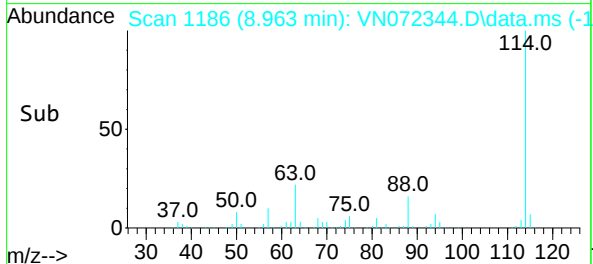
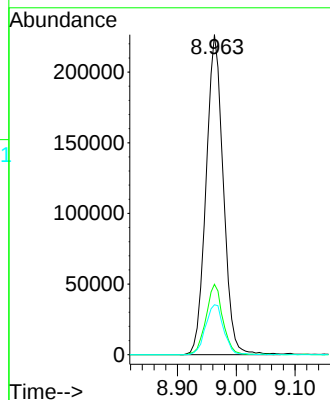
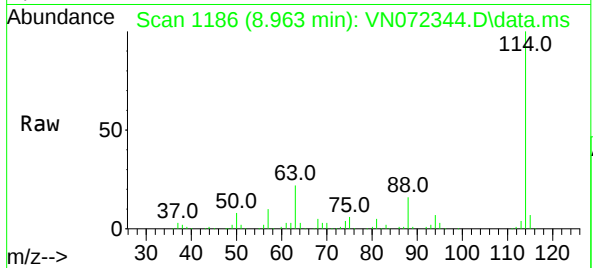




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

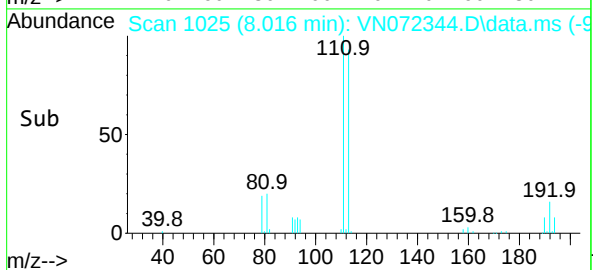
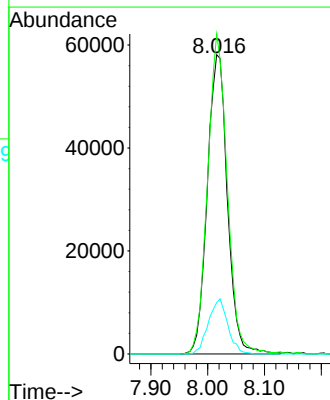
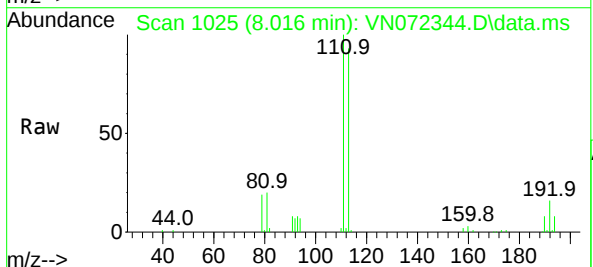
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

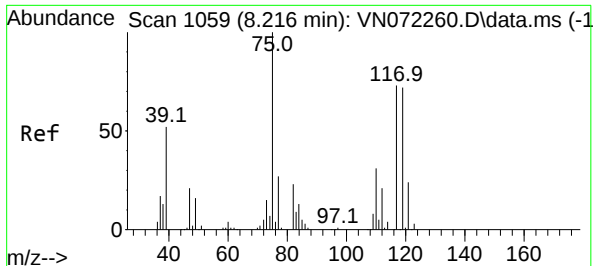
Tgt Ion:114 Resp: 461080  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 40.0  
88 15.6 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 48.357 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion:113 Resp: 142710  
Ion Ratio Lower Upper  
113 100  
111 104.7 81.4 122.0  
192 17.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.756 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

Instrument :

MSVOA\_N

ClientSampleId :

N48967

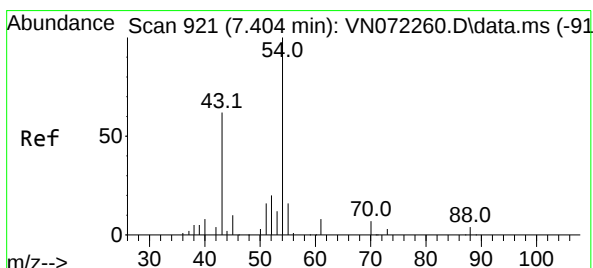
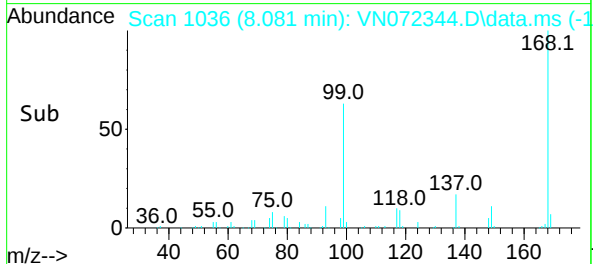
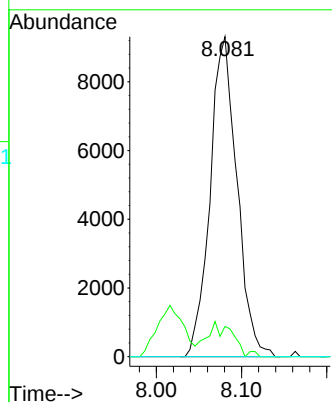
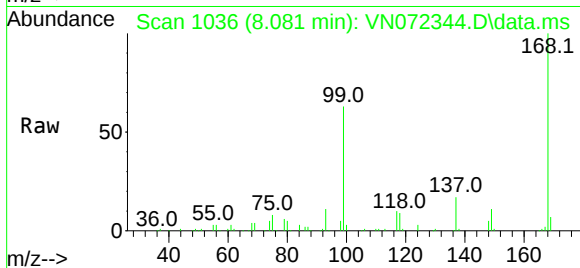
Tgt Ion: 75 Resp: 20432

Ion Ratio Lower Upper

75 100

110 2.9 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 5.785 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.076 min

Lab File: VN072344.D

Acq: 05 May 2022 16:58

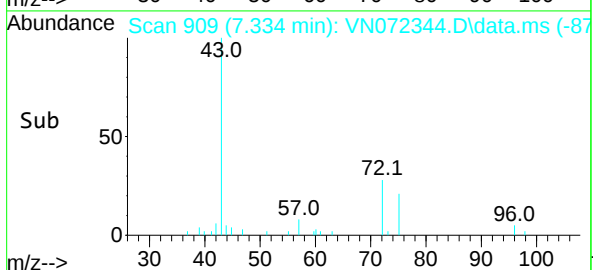
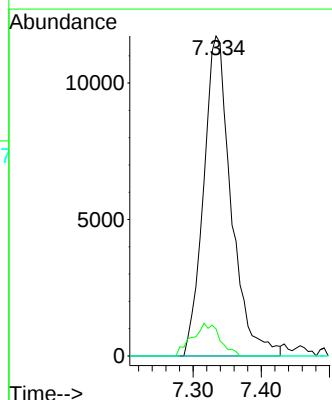
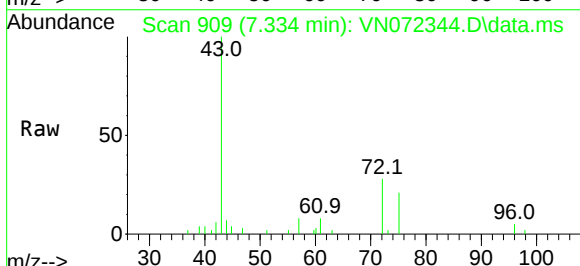
Tgt Ion: 43 Resp: 32999

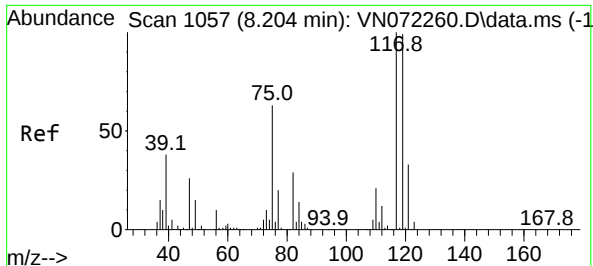
Ion Ratio Lower Upper

43 100

61 10.2 11.8 17.6#

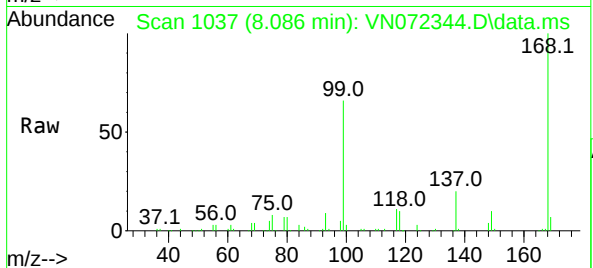
70 0.0 9.3 13.9#



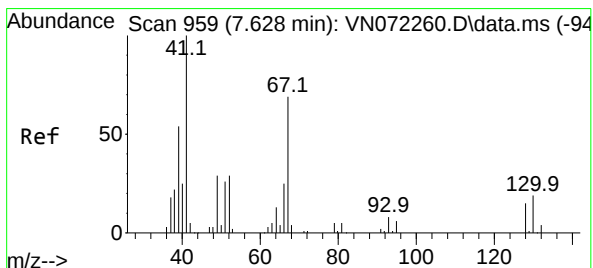
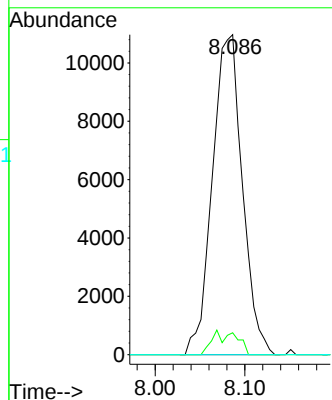
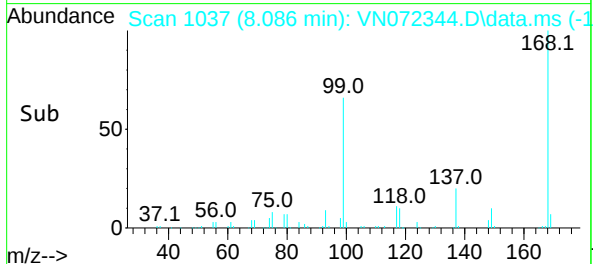


#38  
Carbon Tetrachloride  
Concen: 5.529 ug/l  
RT: 8.086 min Scan# 1057  
Delta R.T. -0.118 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

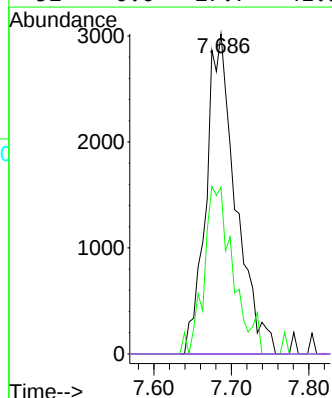
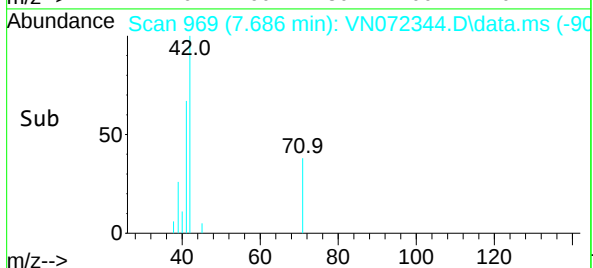
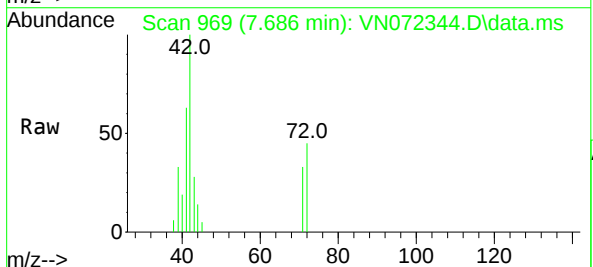


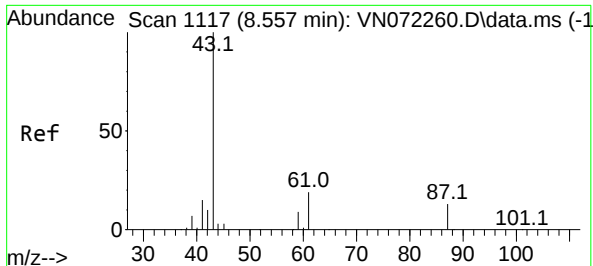
Tgt Ion:117 Resp: 25439  
Ion Ratio Lower Upper  
117 100  
119 6.9 75.8 113.8#  
121 0.0 24.6 37.0#



#41  
Methacrylonitrile  
Concen: 2.794 ug/l  
RT: 7.686 min Scan# 969  
Delta R.T. 0.052 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 41 Resp: 8062  
Ion Ratio Lower Upper  
41 100  
39 51.1 48.6 73.0  
67 0.0 73.4 110.2#  
52 0.0 27.7 41.5#

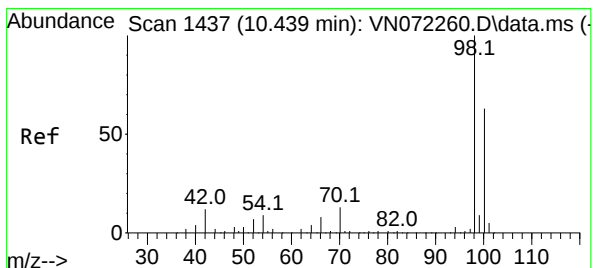
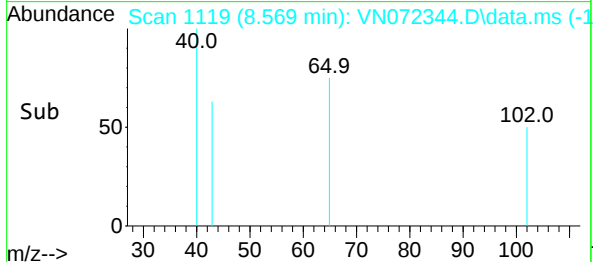
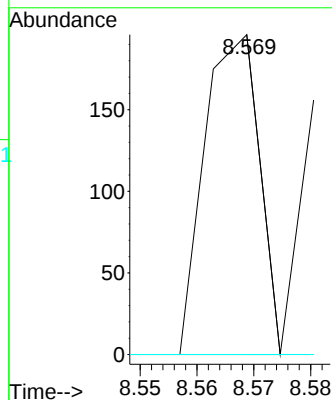
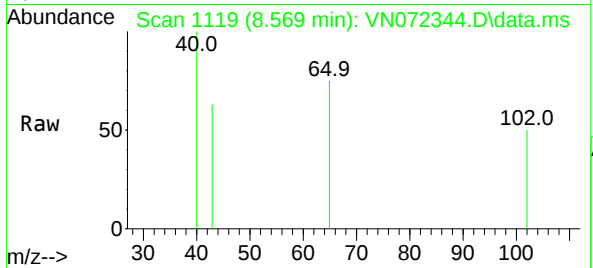




#43  
Isopropyl Acetate  
Concen: 0.816 ug/l  
RT: 8.569 min Scan# 1119  
Delta R.T. 0.012 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

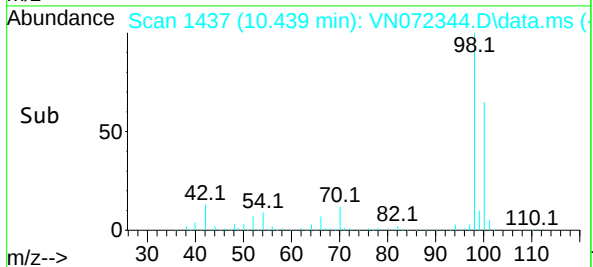
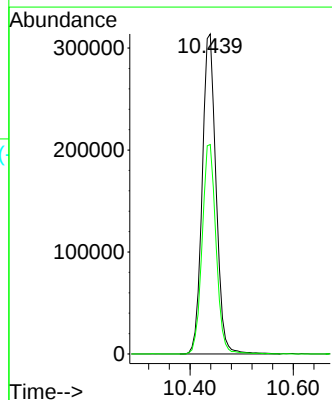
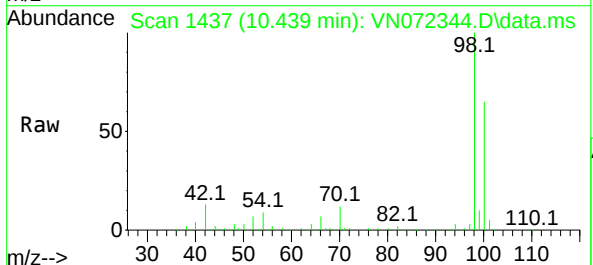
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

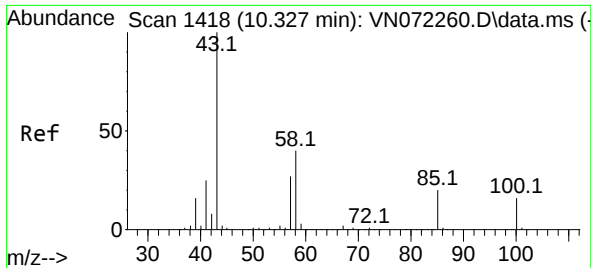
Tgt Ion: 43 Resp: 131  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#



#50  
Toluene-d8  
Concen: 50.198 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 98 Resp: 582116  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8

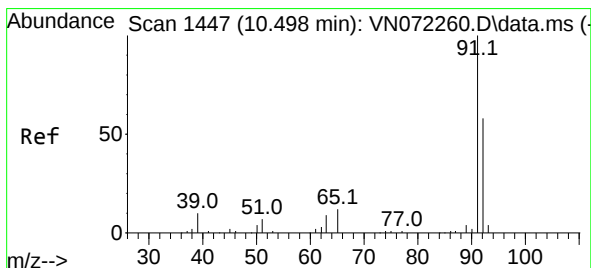
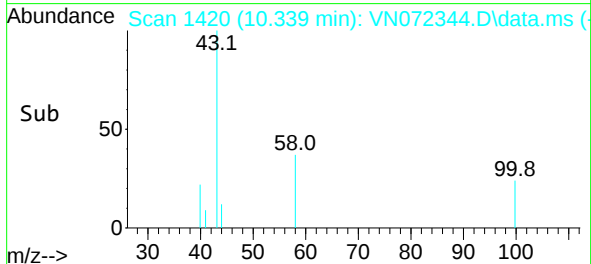
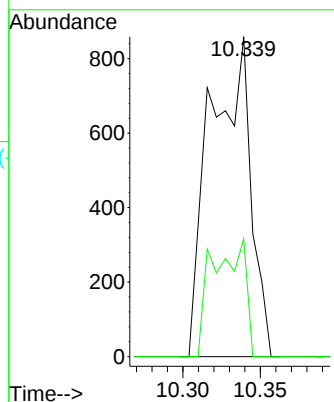
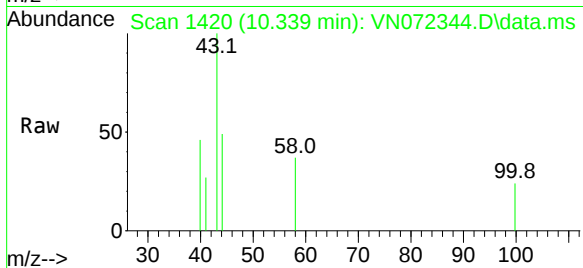




#51  
4-Methyl-2-Pentanone  
Concen: 0.287 ug/l  
RT: 10.339 min Scan# 1418  
Delta R.T. 0.011 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

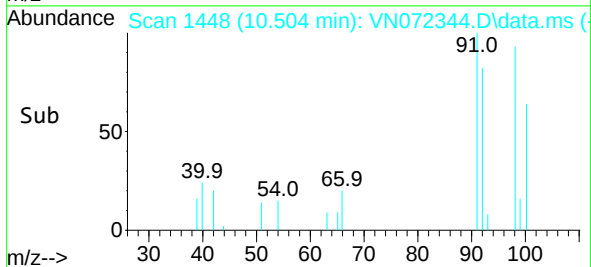
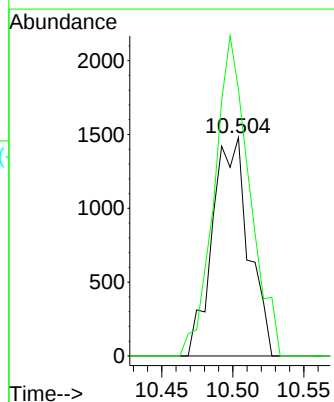
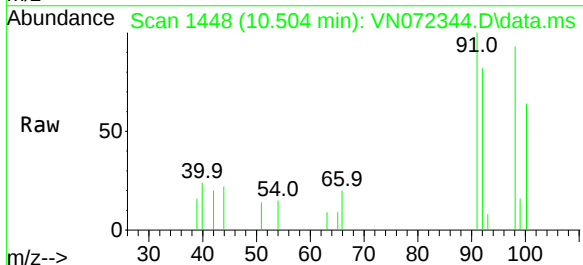
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

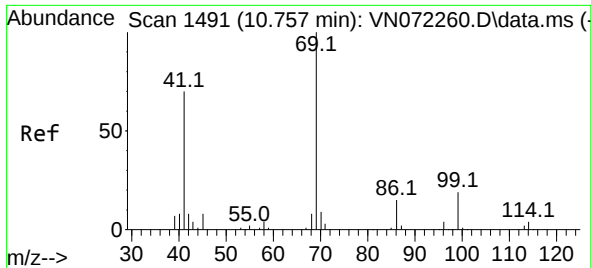
Tgt Ion: 43 Resp: 1547  
Ion Ratio Lower Upper  
43 100  
58 30.2 34.1 51.1#



#52  
Toluene  
Concen: 0.327 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 92 Resp: 2606  
Ion Ratio Lower Upper  
92 100  
91 142.7 138.6 207.8

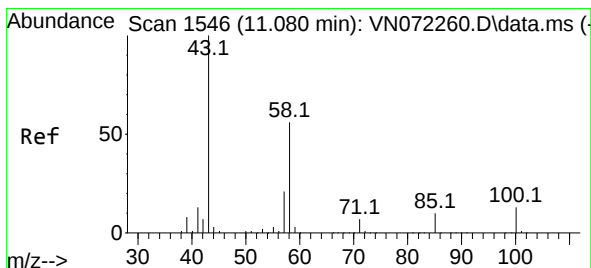
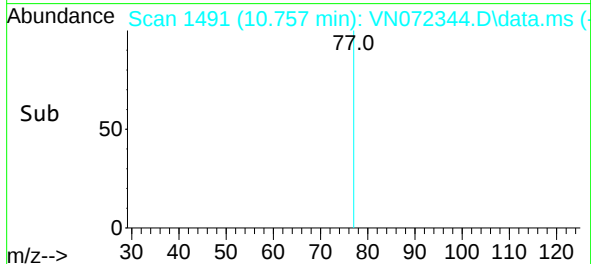
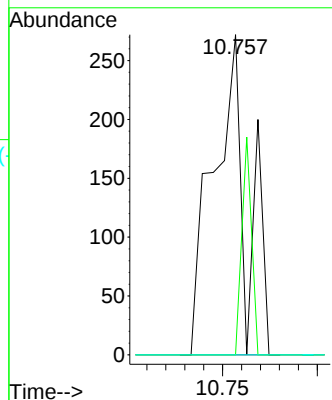
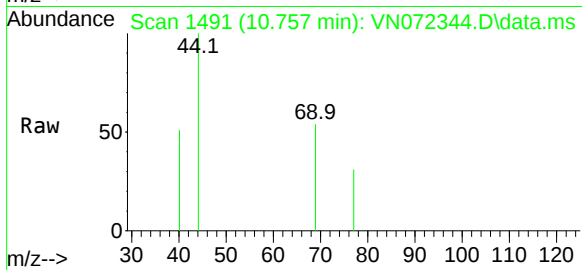




#56  
Ethyl methacrylate  
Concen: 2.420 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

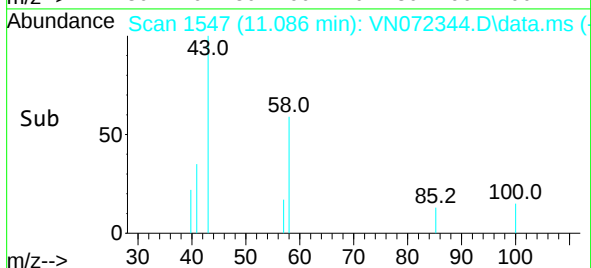
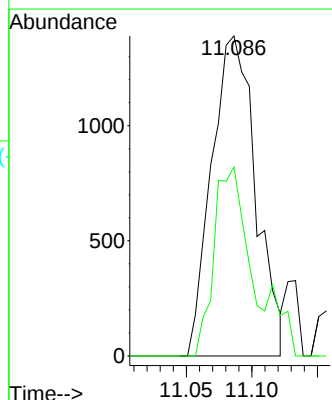
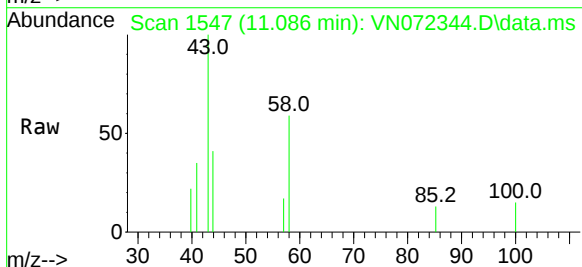
Instrument : MSVOA\_N  
ClientSampleId : N48967

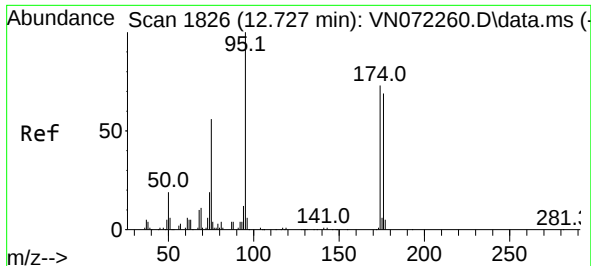
Tgt Ion: 69 Resp: 334  
Ion Ratio Lower Upper  
69 100  
41 19.5 47.8 71.6#  
39 0.0 27.3 40.9#



#59  
2-Hexanone  
Concen: 0.857 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.005 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 43 Resp: 3249  
Ion Ratio Lower Upper  
43 100  
58 45.3 29.7 89.1

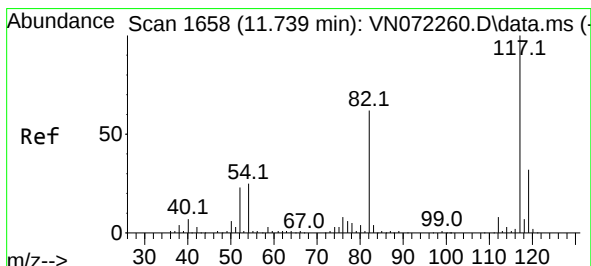
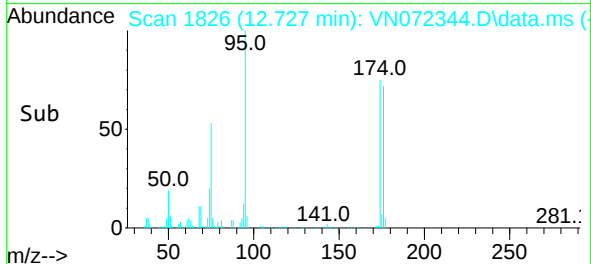
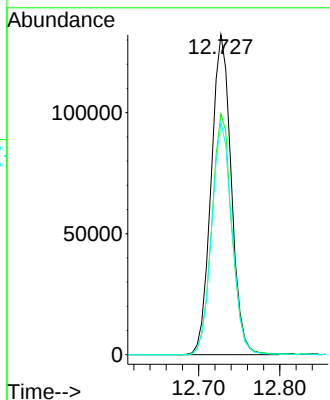
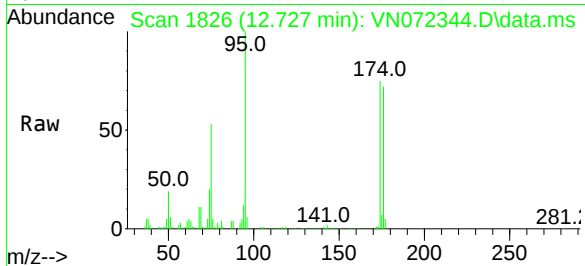




#62  
4-Bromofluorobenzene  
Concen: 59.015 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

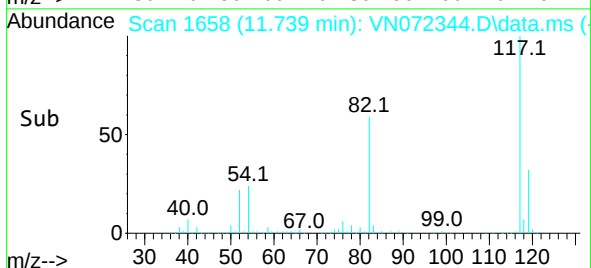
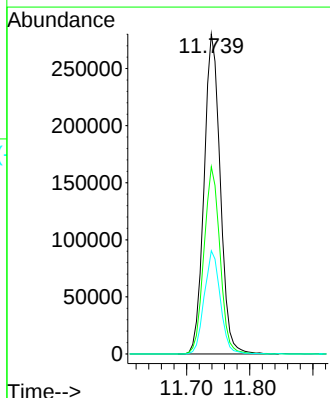
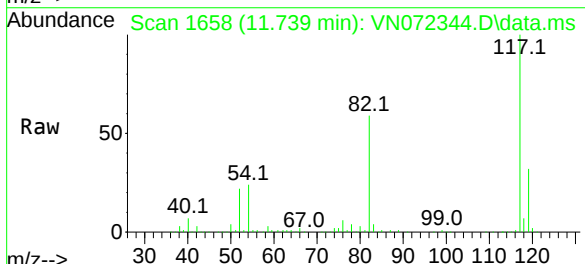
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

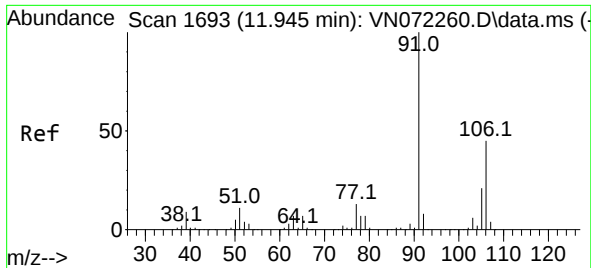
Tgt Ion: 95 Resp: 227152  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 167.6  
176 73.0 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 117 Resp: 498313  
Ion Ratio Lower Upper  
117 100  
82 58.5 44.2 66.2  
119 32.3 25.4 38.0

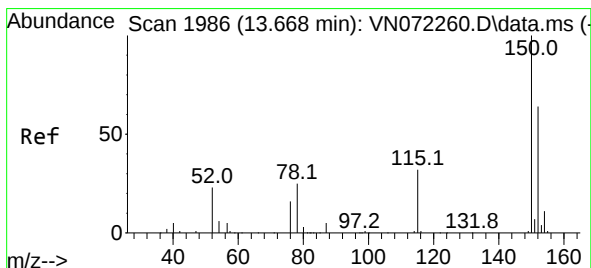
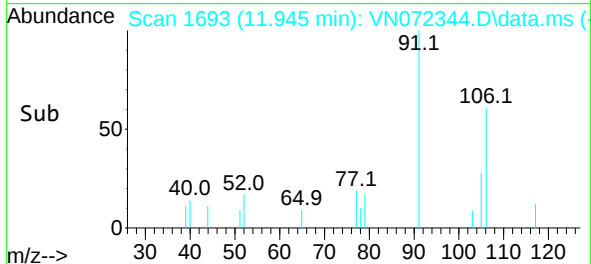
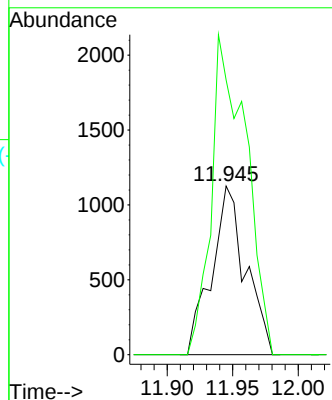
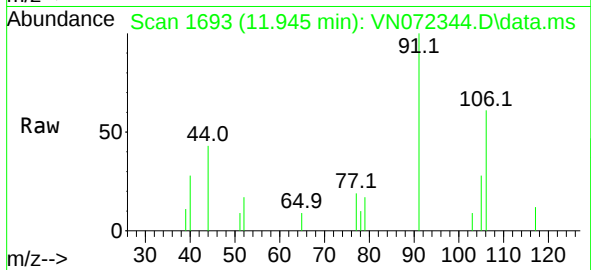




#68  
m/p-Xylenes  
Concen: 0.311 ug/l  
RT: 11.945 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

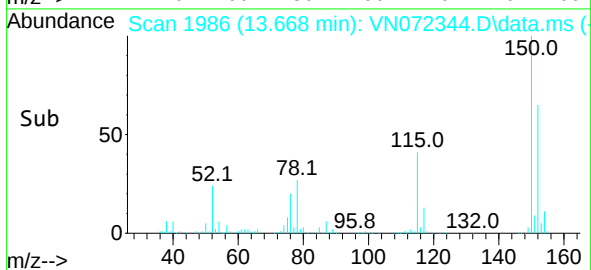
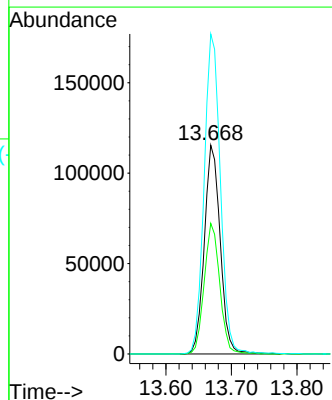
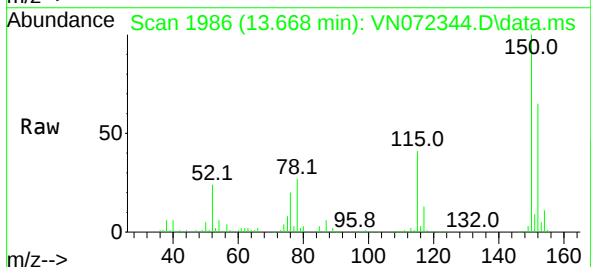
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

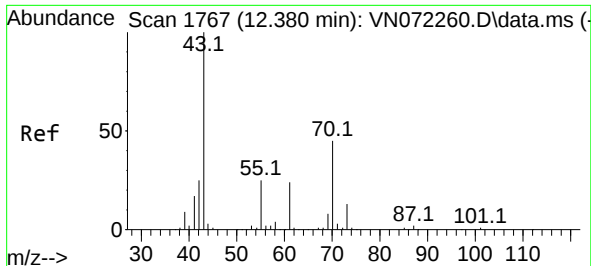
Tgt Ion:106 Resp: 2029  
Ion Ratio Lower Upper  
106 100  
91 194.0 158.9 238.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion:152 Resp: 195072  
Ion Ratio Lower Upper  
152 100  
115 61.3 28.9 86.7  
150 156.8 0.0 356.2

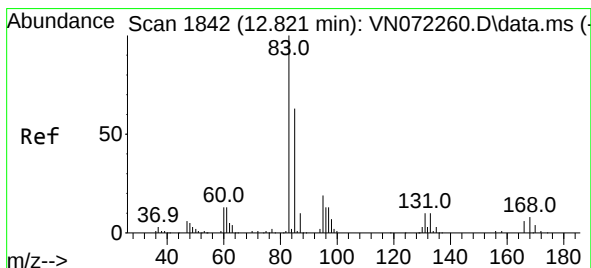
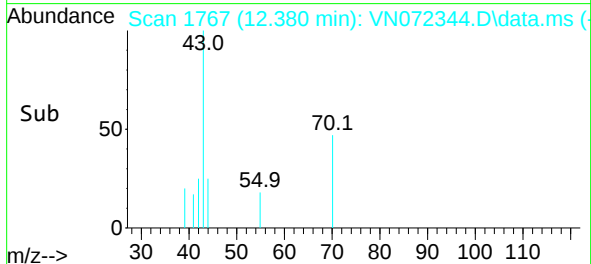
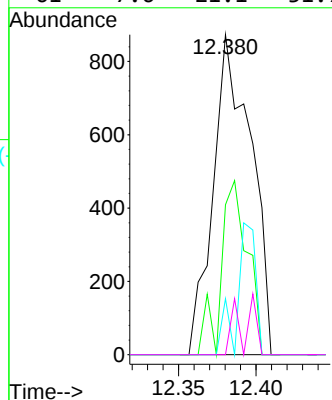
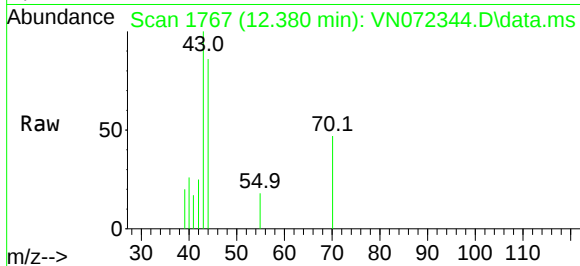




#74  
N-amy1 acetate  
Concen: 0.230 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

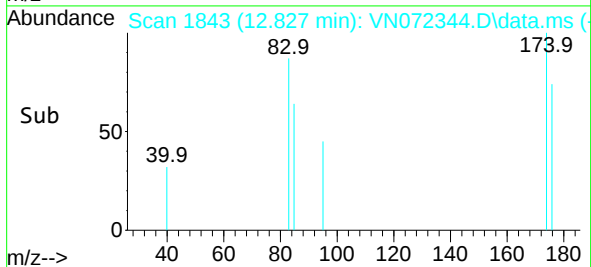
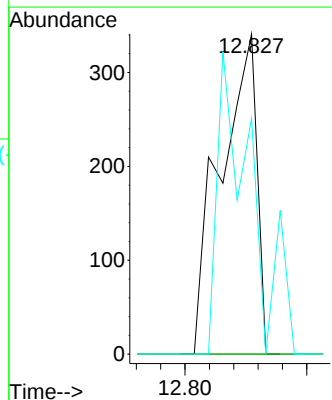
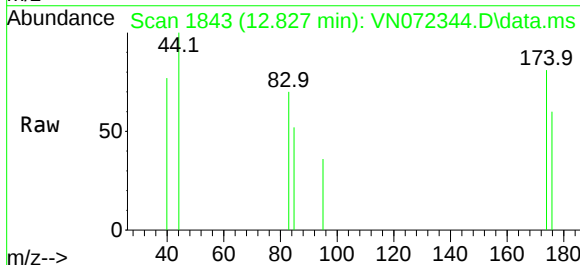
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

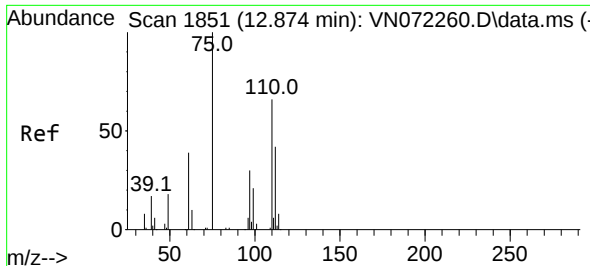
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1483  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 38.2     | 39.0 58.4#  |
| 55 20.3     | 21.1 31.7#  |
| 61 7.6      | 21.1 31.7#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.827 min Scan# 1843  
Delta R.T. 0.005 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

|             |       |       |  |
|-------------|-------|-------|--|
| Tgt Ion: 83 | Resp: | 353   |  |
| Ion Ratio   | Lower | Upper |  |
| 83 100      |       |       |  |
| 131 0.0     | 5.3   | 15.9# |  |
| 85 89.0     | 32.3  | 96.9  |  |

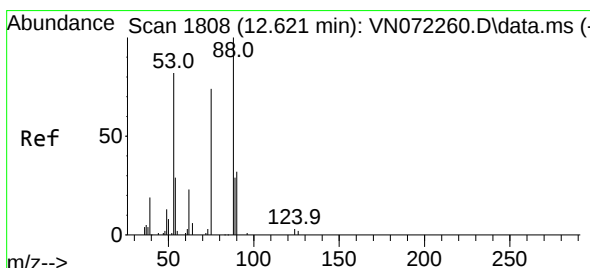
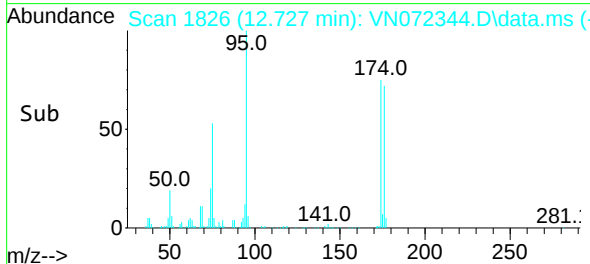
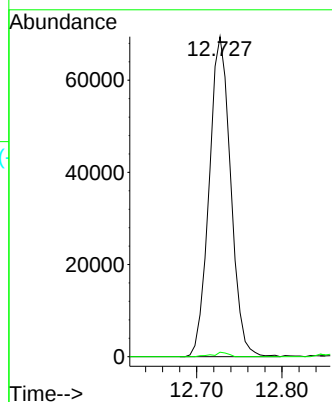
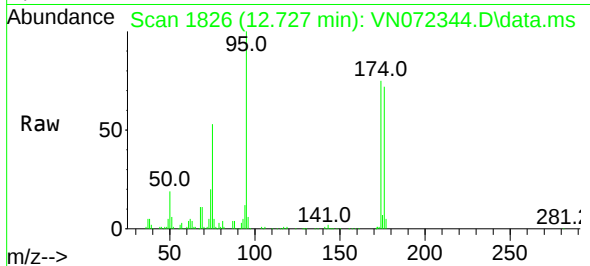




#76  
1,2,3-Trichloropropane  
Concen: 27.818 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

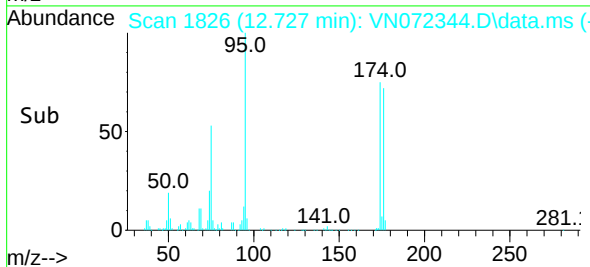
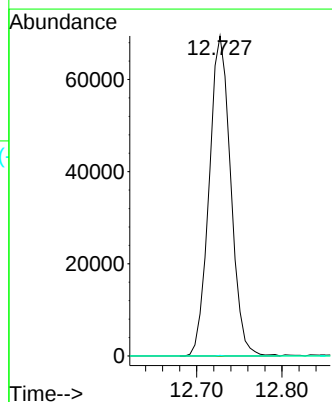
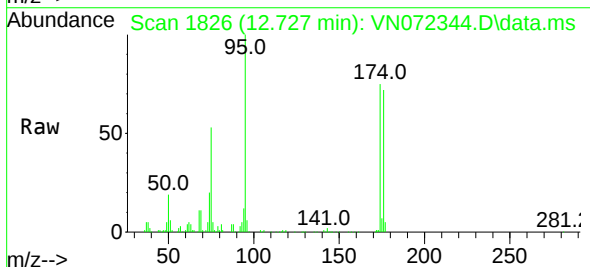
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

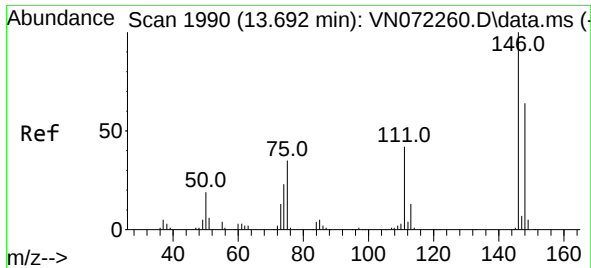
Tgt Ion: 75 Resp: 121914  
Ion Ratio Lower Upper  
75 100  
77 1.0 98.5 295.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.263 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.105 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 75 Resp: 121914  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#

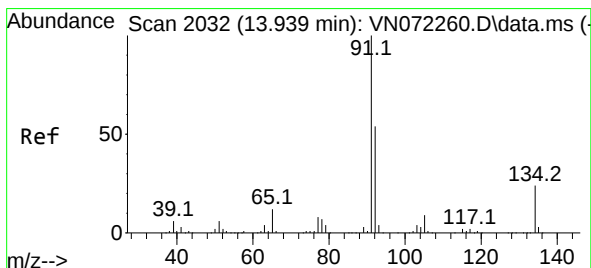
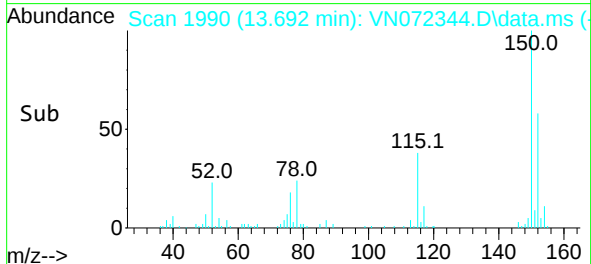
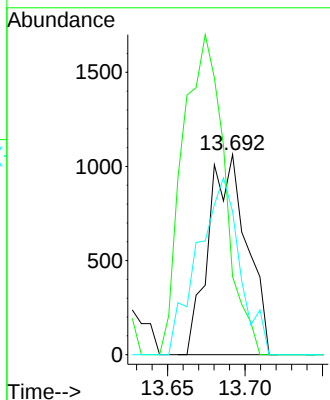
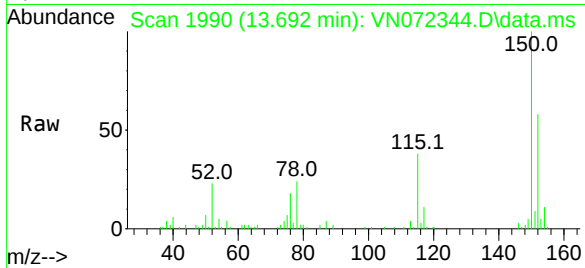




#88  
1,4-Dichlorobenzene  
Concen: 0.284 ug/l  
RT: 13.692 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

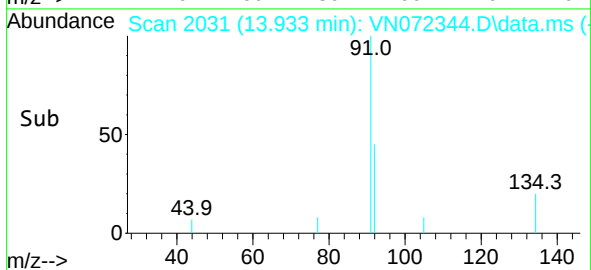
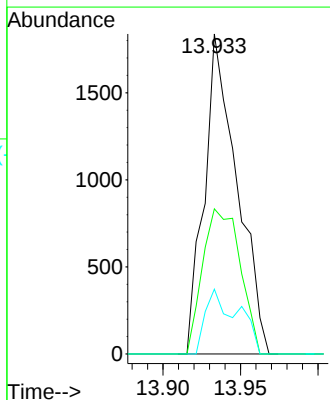
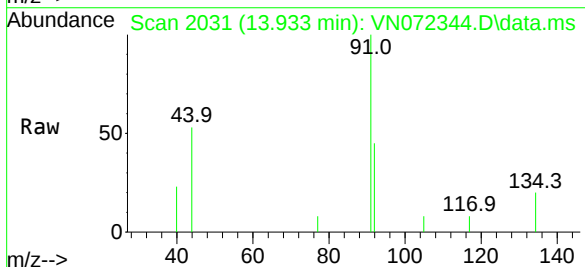
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

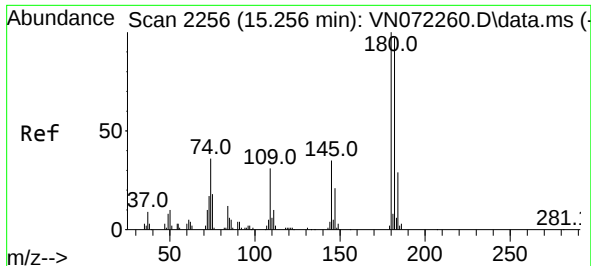
Tgt Ion:146 Resp: 1823  
Ion Ratio Lower Upper  
146 100  
111 175.8 19.1 57.1#  
148 97.1 31.4 94.3#



#89  
n-Butylbenzene  
Concen: 0.275 ug/l  
RT: 13.933 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

Tgt Ion: 91 Resp: 2697  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.9 80.7  
134 19.9 13.6 40.8

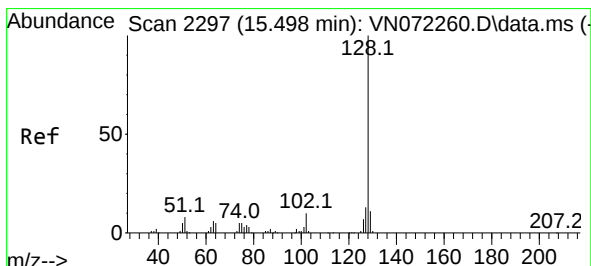
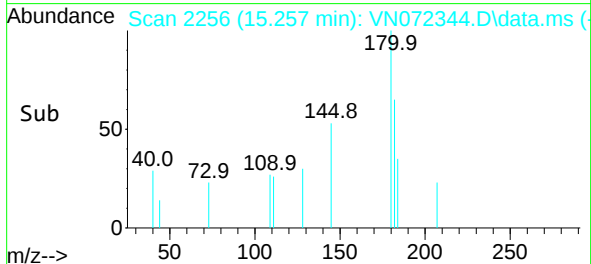
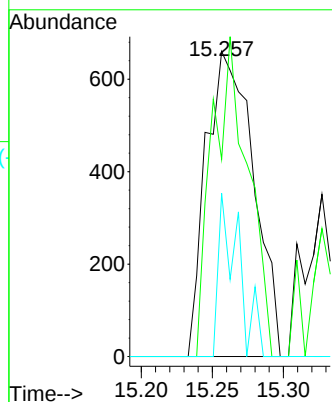
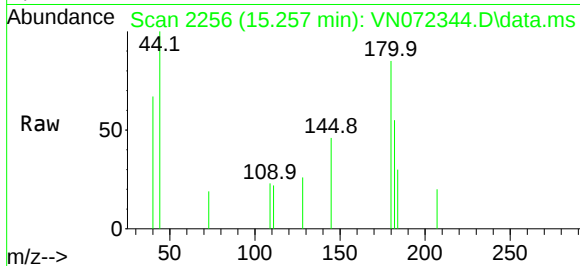




#93  
1,2,4-Trichlorobenzene  
Concen: 2.905 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

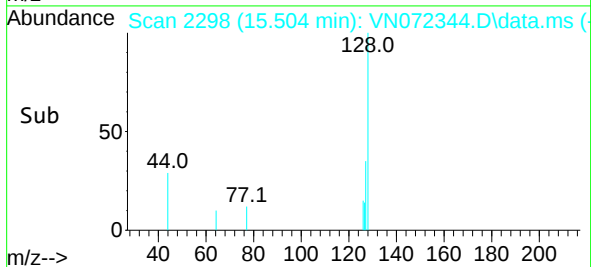
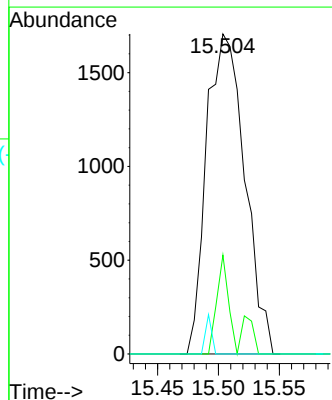
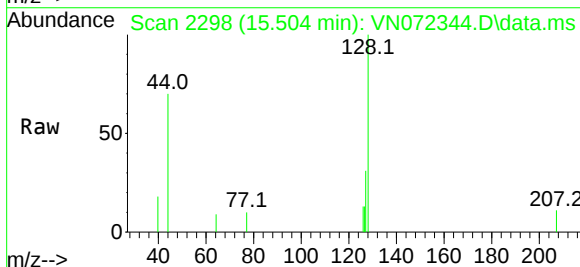
Instrument :  
MSVOA\_N  
ClientSampleId :  
N48967

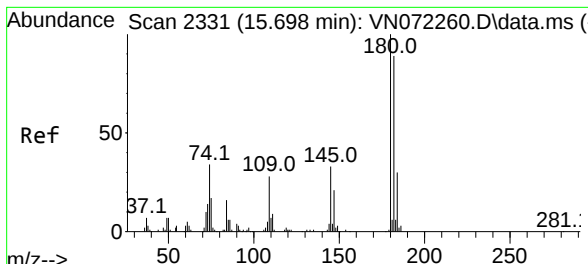
Tgt Ion:180 Resp: 1533  
Ion Ratio Lower Upper  
180 100  
182 79.3 47.5 142.5  
145 22.6 14.5 43.5



#95  
Naphthalene  
Concen: 4.637 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. 0.006 min  
Lab File: VN072344.D  
Acq: 05 May 2022 16:58

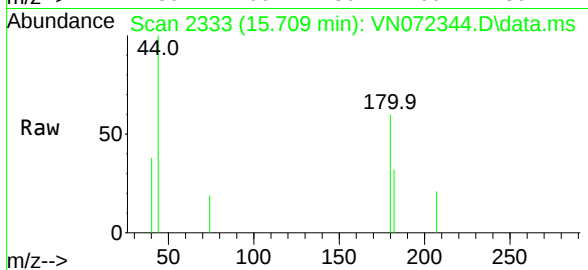
Tgt Ion:128 Resp: 3729  
Ion Ratio Lower Upper  
128 100  
127 9.5 10.3 15.5#  
129 2.0 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.015 ug/l  
 RT: 15.709 min Scan# 21  
 Delta R.T. 0.017 min  
 Lab File: VN072344.D  
 Acq: 05 May 2022 16:58

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 N48967



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1079  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 85.9  | 47.8  | 143.3 |
| 145      | 27.9  | 15.5  | 46.5  |

