

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102824\  
 Data File : VN084546.D  
 Acq On : 28 Oct 2024 17:53  
 Operator : JC\MD  
 Sample : P4528-01RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 241023068-02-VOA

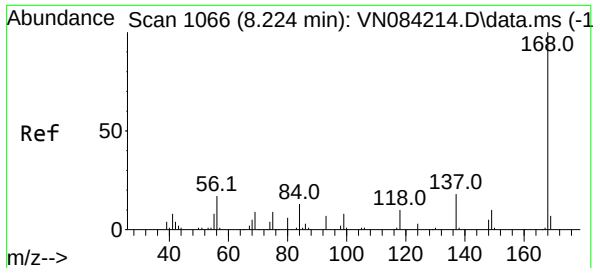
Quant Time: Oct 29 01:31:57 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 01 07:11:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 156261     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 256636     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 218316     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 84904      | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 109552     | 47.285   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 94.560%  |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 87697      | 51.833   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 103.660% |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 307940     | 49.471   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 98.940%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 101341     | 44.689   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = | 89.380%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Bromomethane               | 2.965          | 94   | 282        | 0.209    | ug/l # | 59       |
| 8) Diethyl Ether              | 3.959          | 74   | 9664       | 8.185    | ug/l   | 95       |
| 11) Tert butyl alcohol        | 5.524          | 59   | 67036      | 175.473  | ug/l   | 100      |
| 15) Acrylonitrile             | 5.512          | 53   | 352        | 0.365    | ug/l # | 12       |
| 16) Acetone                   | 4.430          | 43   | 1534       | 1.541    | ug/l # | 88       |
| 19) Methyl tert-butyl Ether   | 5.795          | 73   | 1982       | 0.334    | ug/l # | 54       |
| 25) 2-Butanone                | 7.430          | 43   | 5123       | 3.779    | ug/l # | 48       |
| 26) 2,2-Dichloropropane       | 7.430          | 77   | 7393       | 2.320    | ug/l # | 54       |
| 29) Tetrahydrofuran           | 7.841          | 42   | 86353      | 103.225  | ug/l   | 97       |
| 31) Cyclohexane               | 8.230          | 56   | 3833       | 1.117    | ug/l # | 41       |
| 36) 1,1-Dichloropropene       | 8.218          | 75   | 14120      | 5.746    | ug/l # | 49       |
| 37) Ethyl Acetate             | 7.430          | 43   | 5123       | 2.032    | ug/l # | 1        |
| 38) Carbon Tetrachloride      | 8.224          | 117  | 16815      | 6.237    | ug/l # | 16       |
| 40) Benzene                   | 8.612          | 78   | 4984       | 0.651    | ug/l # | 90       |
| 41) Methacrylonitrile         | 7.841          | 41   | 50176      | 36.658   | ug/l # | 47       |
| 43) Isopropyl Acetate         | 8.671          | 43   | 995        | 0.201    | ug/l # | 56       |
| 48) Methyl methacrylate       | 9.906          | 41   | 968        | 0.492    | ug/l # | 22       |
| 49) 1,4-Dioxane               | 9.700          | 88   | 5756       | 159.045  | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.435         | 43   | 1436       | 0.598    | ug/l # | 36       |
| 59) 2-Hexanone                | 11.059         | 43   | 3350       | 1.867    | ug/l   | 67       |
| 65) Chlorobenzene             | 11.894         | 112  | 22409      | 4.629    | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.077         | 106  | 1112       | 0.351    | ug/l # | 62       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 52688      | 30.397   | ug/l # | 1        |
| 79) 2-Chlorotoluene           | 13.124         | 91   | 979        | 0.204    | ug/l   | 76       |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 52688      | 72.875   | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 13.124         | 91   | 979        | 0.203    | ug/l   | 76       |
| 87) 1,3-Dichlorobenzene       | 13.812         | 146  | 20701      | 7.061    | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 13.812         | 146  | 20701      | 6.992    | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 14.100         | 146  | 1162       | 0.404    | ug/l   | 96       |
| -----                         |                |      |            |          |        |          |

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

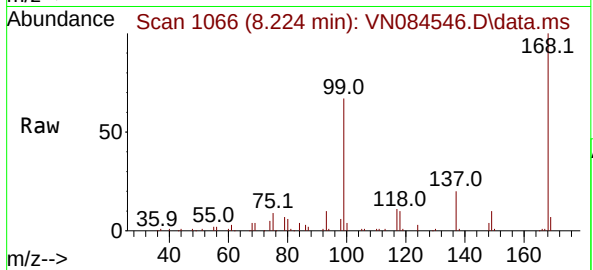
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N093024W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 01 07:11:01 2024  
Response via : Initial Calibration



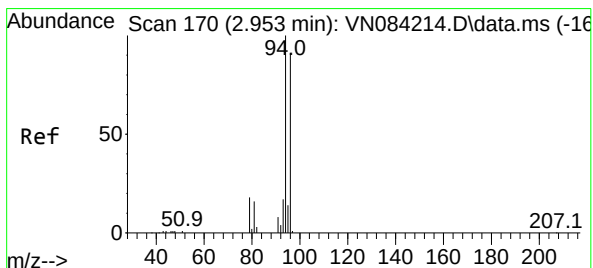
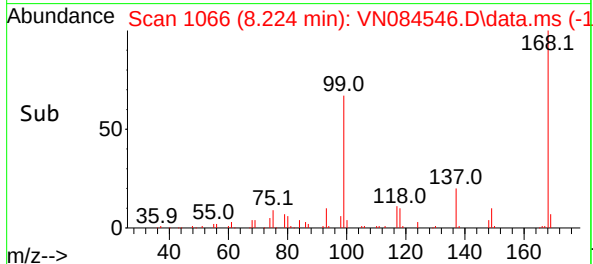
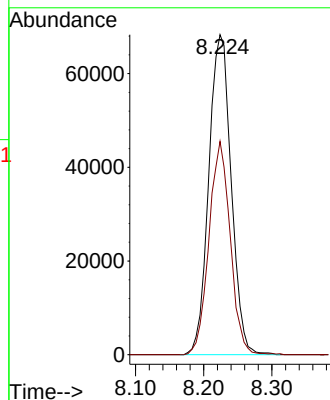


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

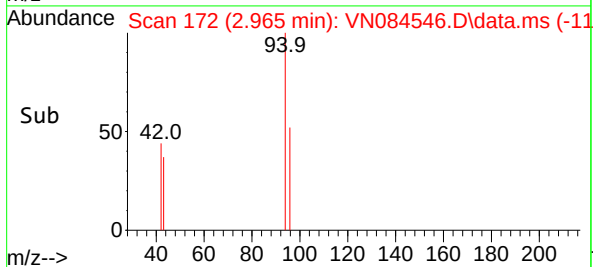
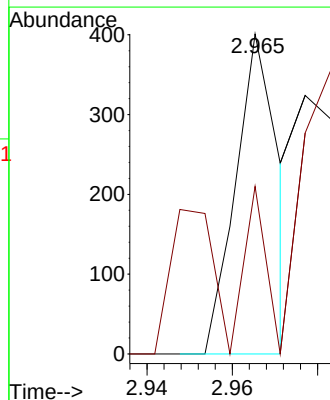
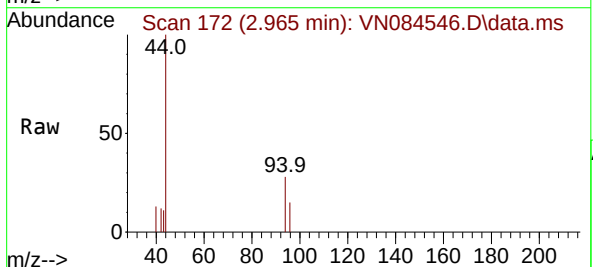


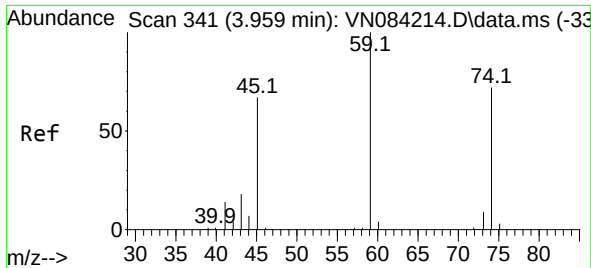
Tgt Ion:168 Resp: 156261  
Ion Ratio Lower Upper  
168 100  
99 66.7 54.2 81.2



#5  
Bromomethane  
Concen: 0.209 ug/l  
RT: 2.965 min Scan# 172  
Delta R.T. 0.012 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 94 Resp: 282  
Ion Ratio Lower Upper  
94 100  
96 52.4 72.9 109.3#





#8

Diethyl Ether

Concen: 8.185 ug/l

RT: 3.959 min Scan# 341

Delta R.T. 0.000 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

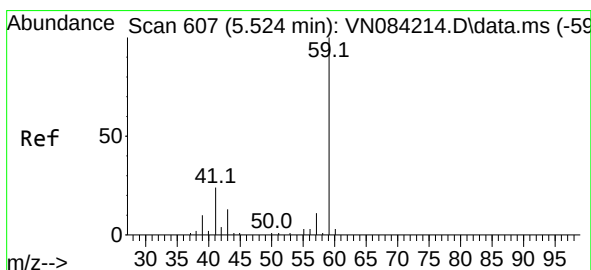
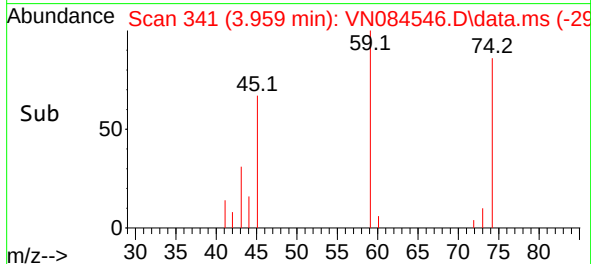
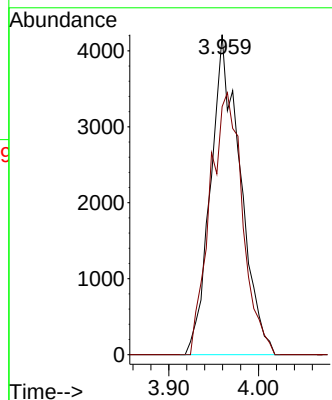
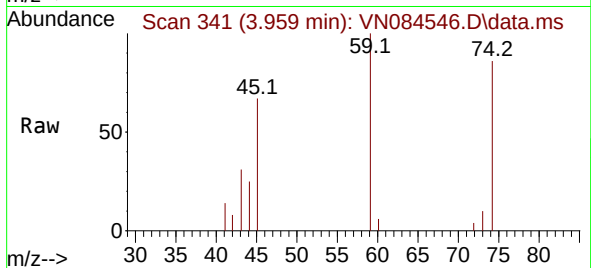
241023068-02-VOA

Tgt Ion: 74 Resp: 9664

Ion Ratio Lower Upper

74 100

45 90.2 47.7 143.1



#11

Tert butyl alcohol

Concen: 175.473 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084546.D

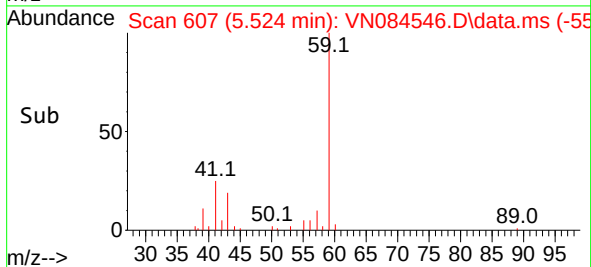
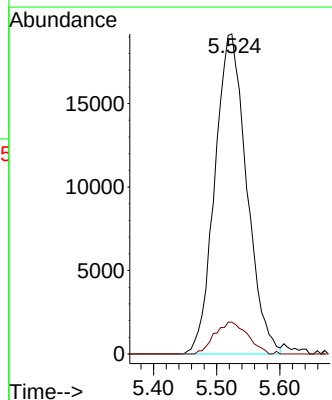
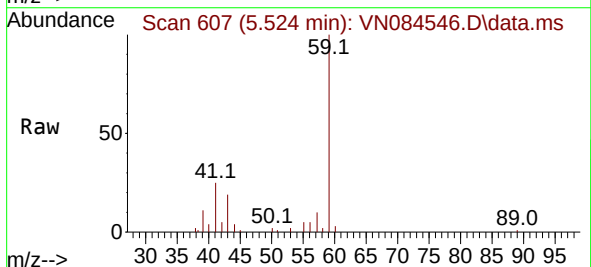
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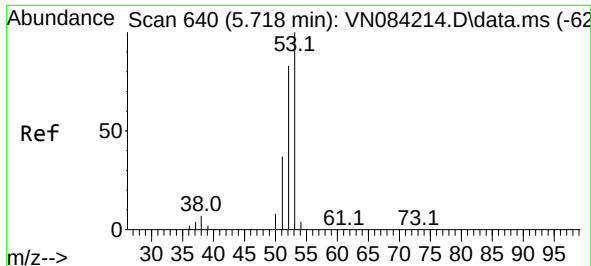
Tgt Ion: 59 Resp: 67036

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2

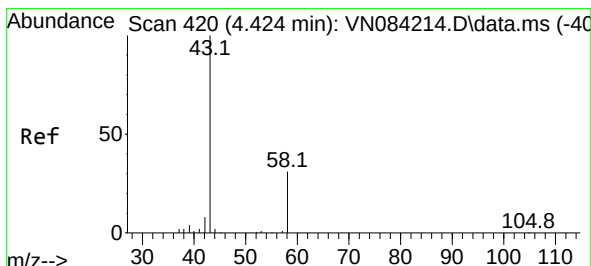
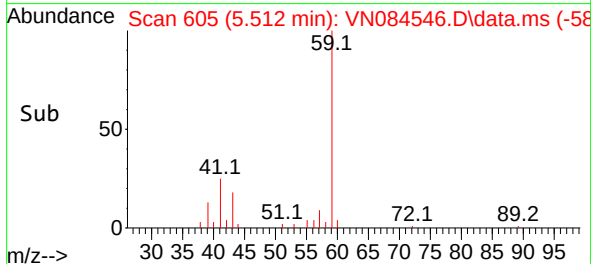
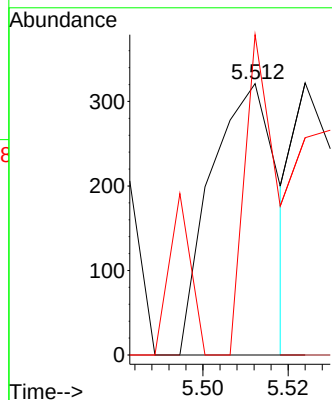
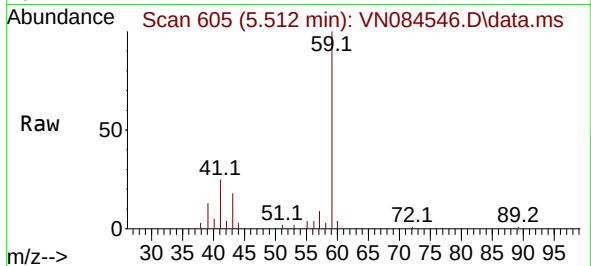




#15  
Acrylonitrile  
Concen: 0.365 ug/l  
RT: 5.512 min Scan# 60  
Delta R.T. -0.206 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

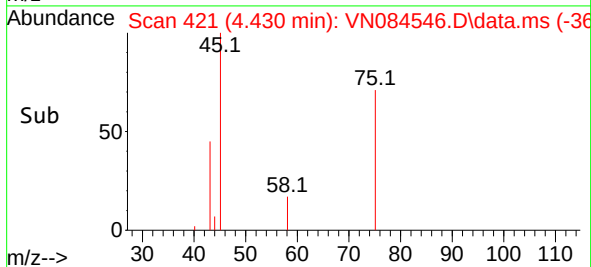
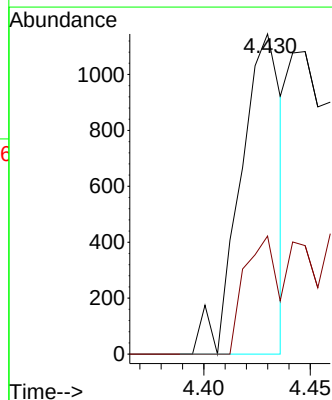
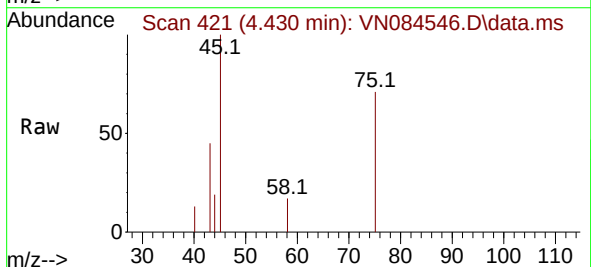
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

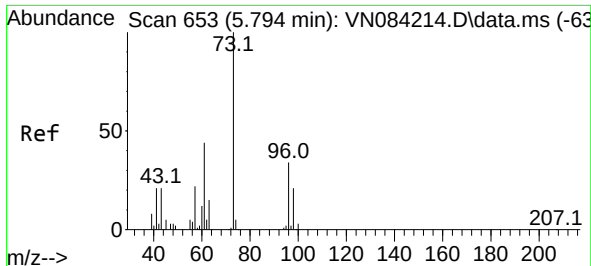
Tgt Ion: 53 Resp: 352  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.2 99.4#  
51 81.5 28.8 43.2#



#16  
Acetone  
Concen: 1.541 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 43 Resp: 1534  
Ion Ratio Lower Upper  
43 100  
58 36.9 24.4 36.6#

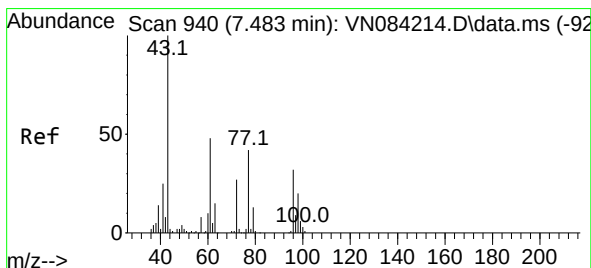
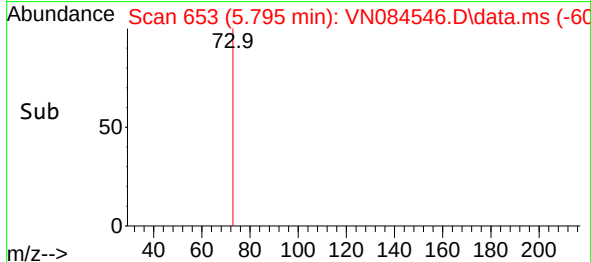
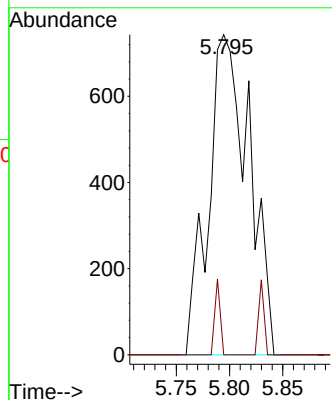
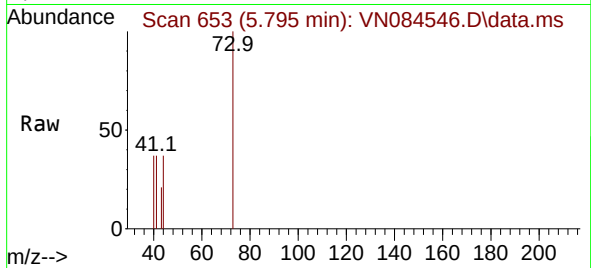




#19  
Methyl tert-butyl Ether  
Concen: 0.334 ug/l  
RT: 5.795 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

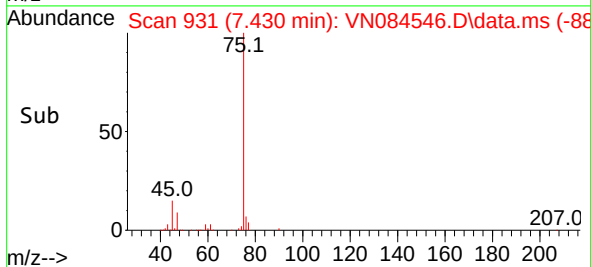
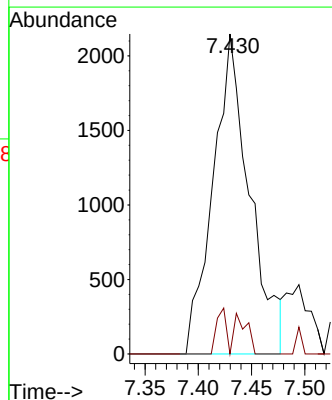
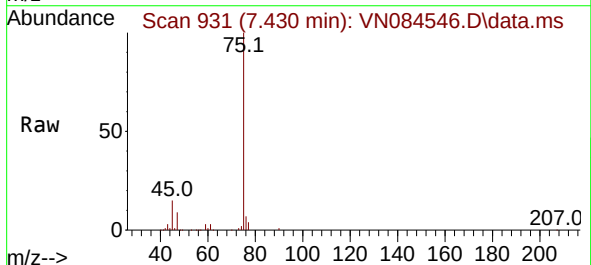
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

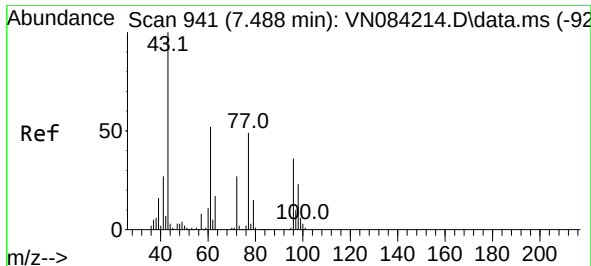
Tgt Ion: 73 Resp: 1982  
Ion Ratio Lower Upper  
73 100  
57 0.0 17.7 26.5#



#25  
2-Butanone  
Concen: 3.779 ug/l  
RT: 7.430 min Scan# 931  
Delta R.T. -0.053 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 43 Resp: 5123  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.4 32.2#

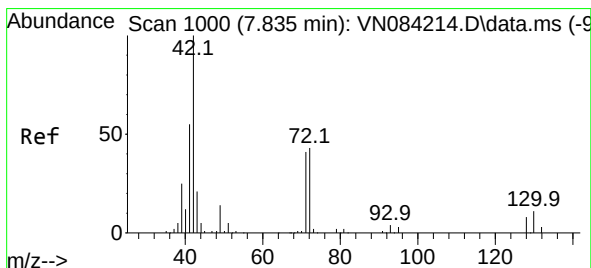
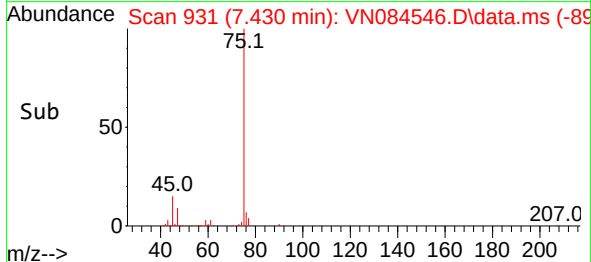
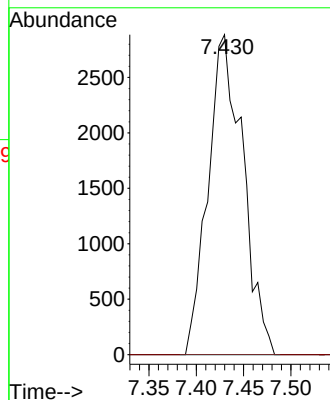
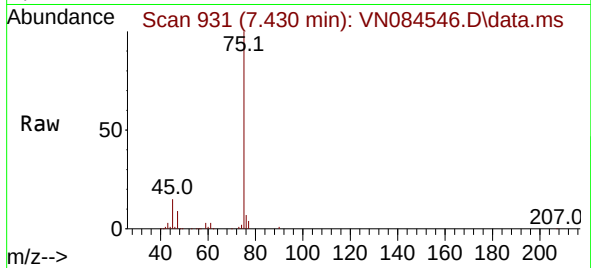




#26  
2,2-Dichloropropane  
Concen: 2.320 ug/l  
RT: 7.430 min Scan# 91  
Delta R.T. -0.059 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

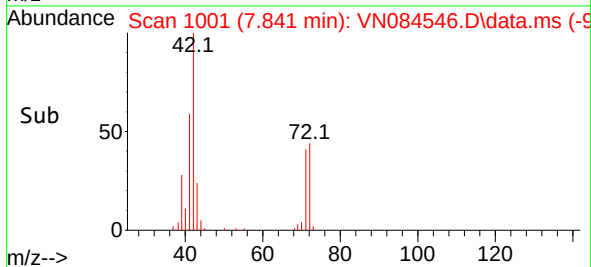
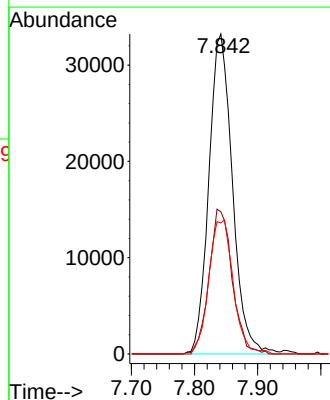
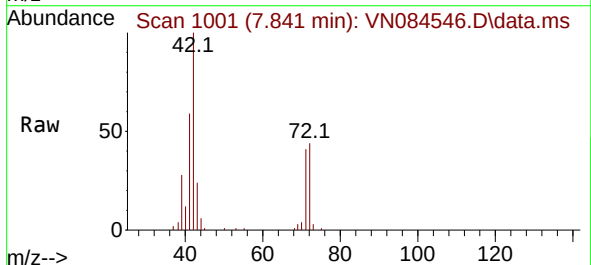
Instrument :  
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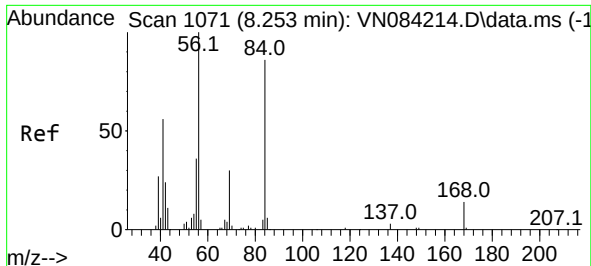
Tgt Ion: 77 Resp: 7393  
Ion Ratio Lower Upper  
77 100  
97 0.0 10.8 32.3#



#29  
Tetrahydrofuran  
Concen: 103.225 ug/l  
RT: 7.841 min Scan# 1001  
Delta R.T. 0.006 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

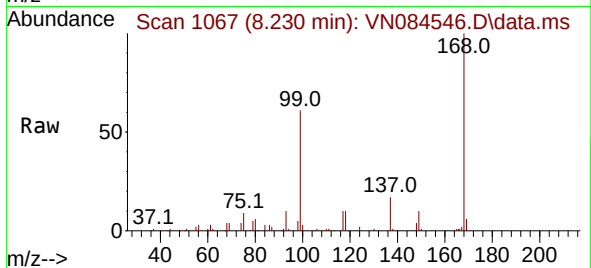
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Ion Ratio Lower Upper  
42 100  
72 44.3 34.6 51.8  
71 43.4 32.2 48.4



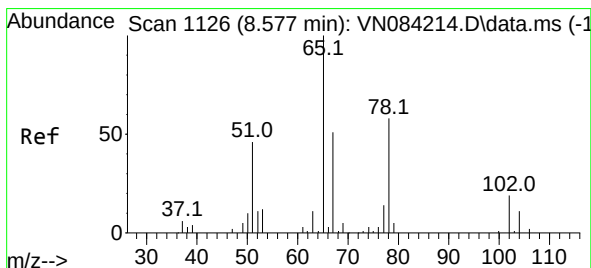
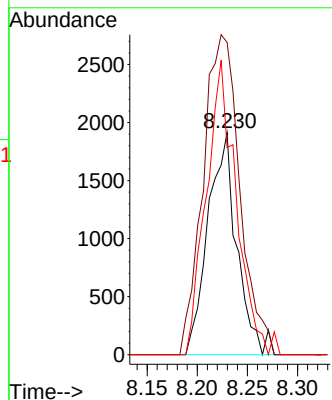
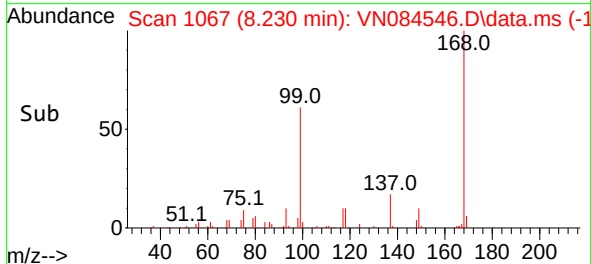


#31  
Cyclohexane  
Concen: 1.117 ug/l  
RT: 8.230 min Scan# 1067  
Delta R.T. -0.023 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

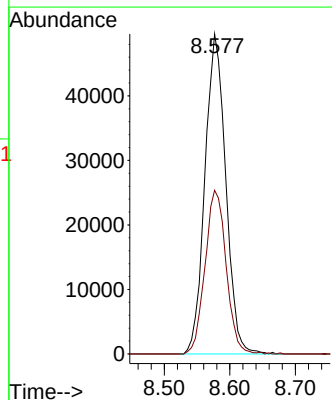
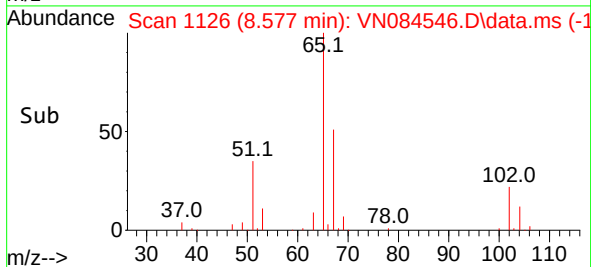
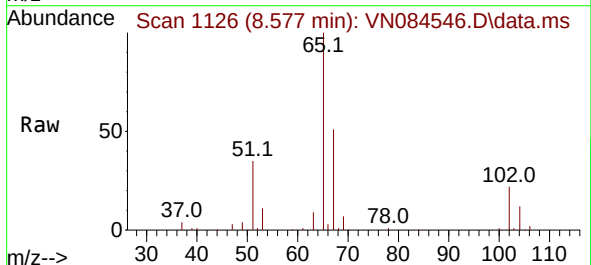


Tgt Ion: 56 Resp: 3833  
Ion Ratio Lower Upper  
56 100  
69 140.7 23.8 35.6#  
84 93.3 68.8 103.2

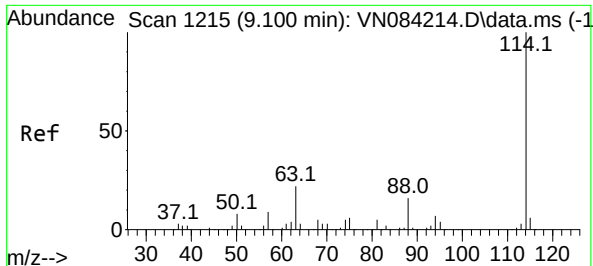


#33  
1,2-Dichloroethane-d4  
Concen: 47.285 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 65 Resp: 109552  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 102.0







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

241023068-02-VOA

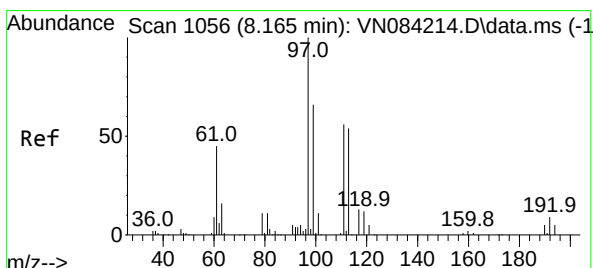
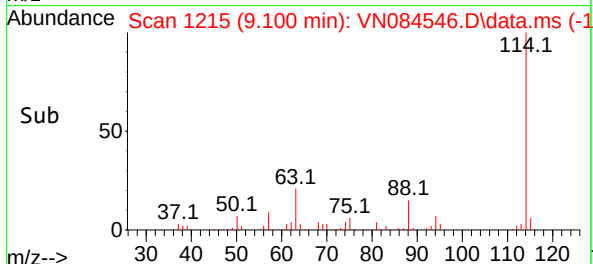
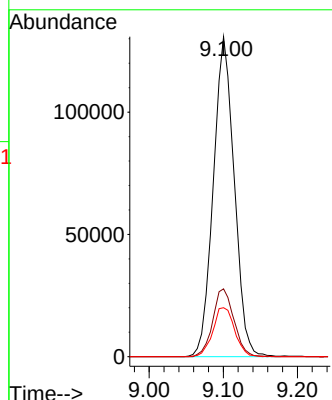
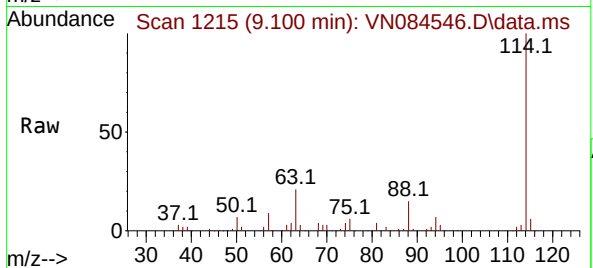
Tgt Ion:114 Resp: 256636

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 15.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.833 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

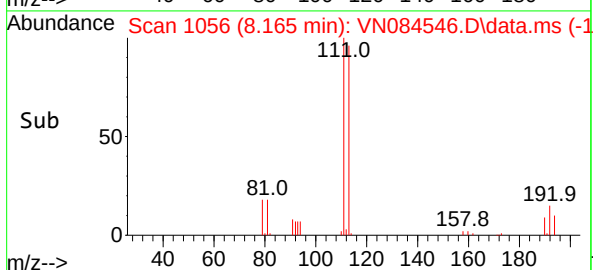
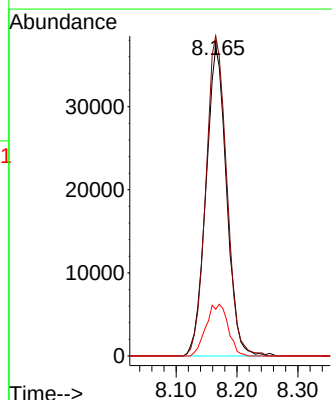
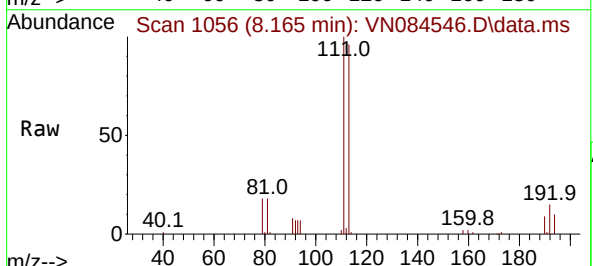
Tgt Ion:113 Resp: 87697

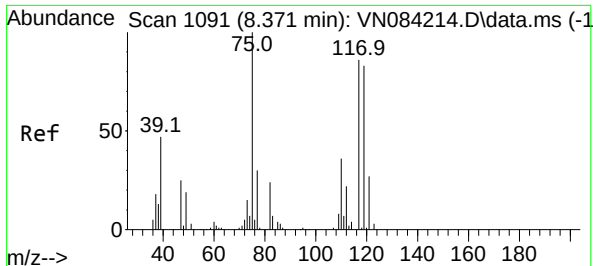
Ion Ratio Lower Upper

113 100

111 104.1 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.746 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

241023068-02-VOA

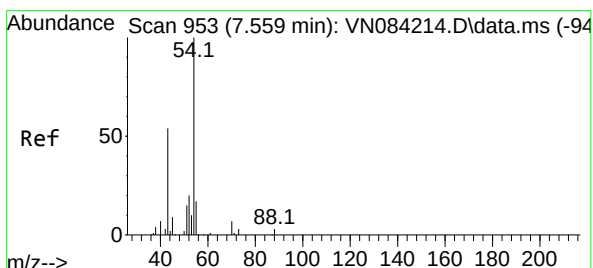
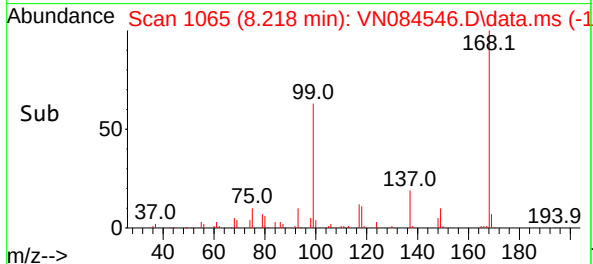
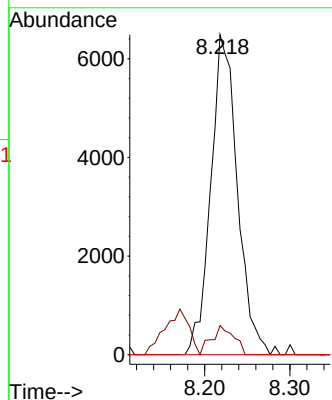
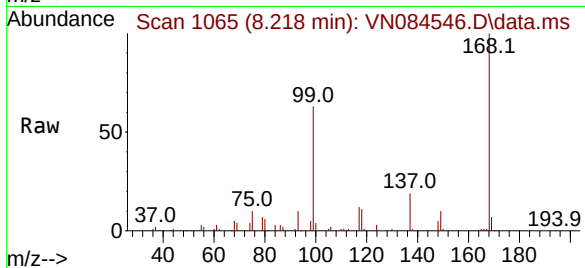
Tgt Ion: 75 Resp: 14120

Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 2.032 ug/l

RT: 7.430 min Scan# 931

Delta R.T. -0.129 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

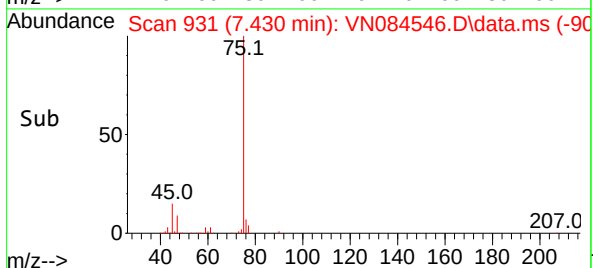
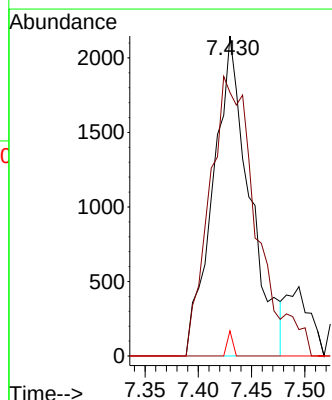
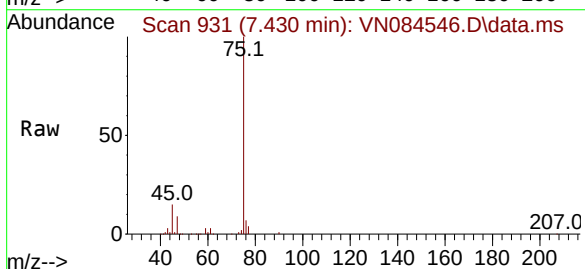
Tgt Ion: 43 Resp: 5123

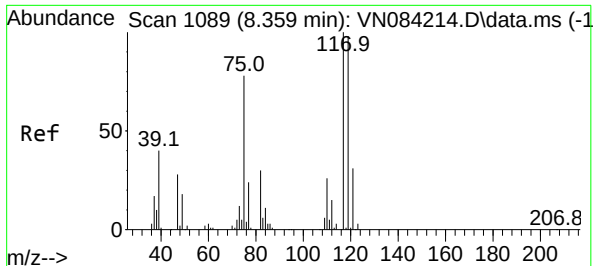
Ion Ratio Lower Upper

43 100

61 112.2 10.7 16.1#

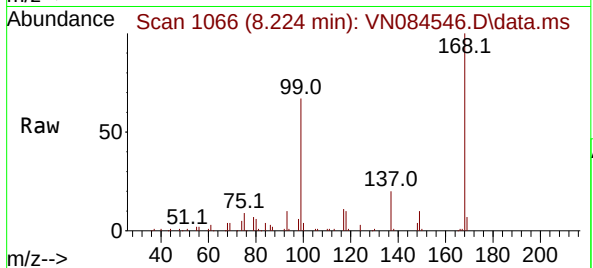
70 1.2 8.8 13.2#



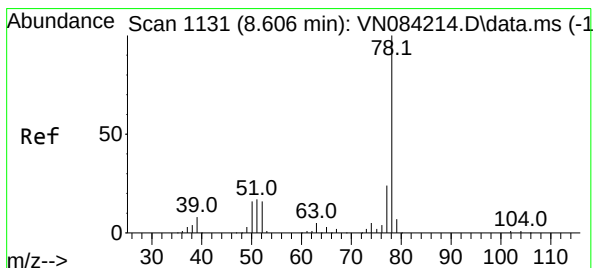
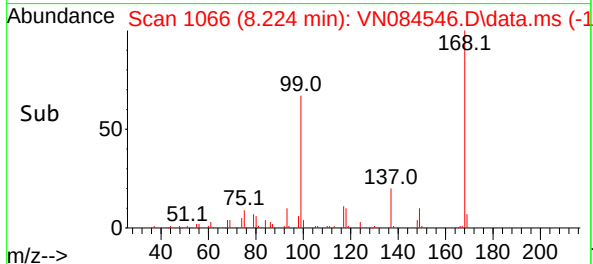
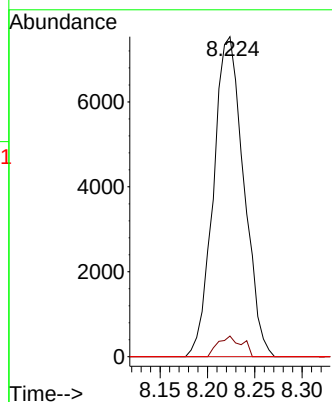


#38  
Carbon Tetrachloride  
Concen: 6.237 ug/l  
RT: 8.224 min Scan# 1106  
Delta R.T. -0.135 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

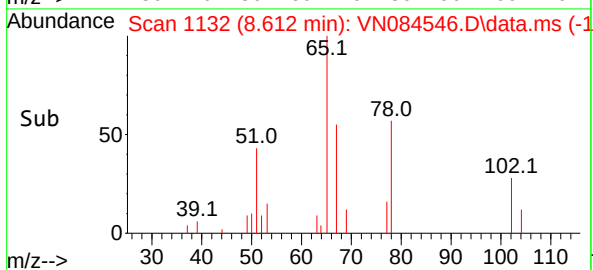
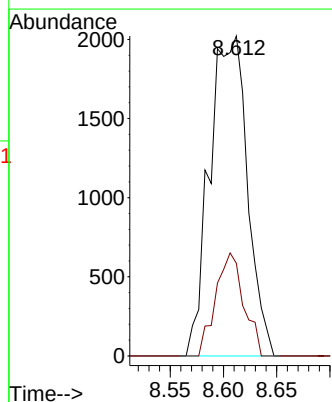
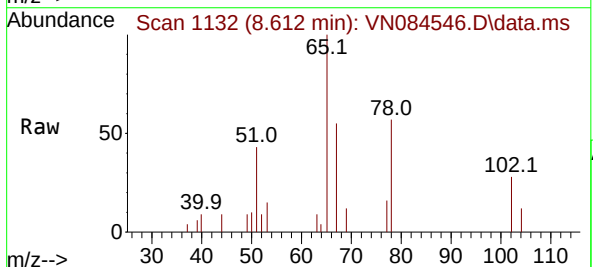


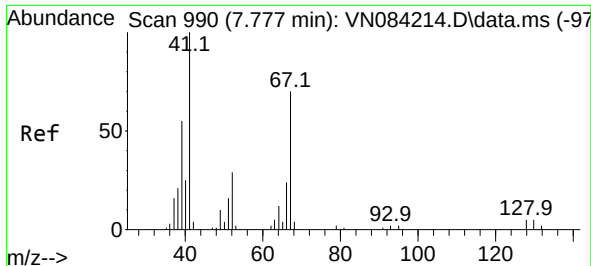
Tgt Ion:117 Resp: 16815  
Ion Ratio Lower Upper  
117 100  
119 6.4 78.7 118.1#  
121 0.0 24.4 36.6#



#40  
Benzene  
Concen: 0.651 ug/l  
RT: 8.612 min Scan# 1132  
Delta R.T. 0.006 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 78 Resp: 4984  
Ion Ratio Lower Upper  
78 100  
77 28.9 19.1 28.7#

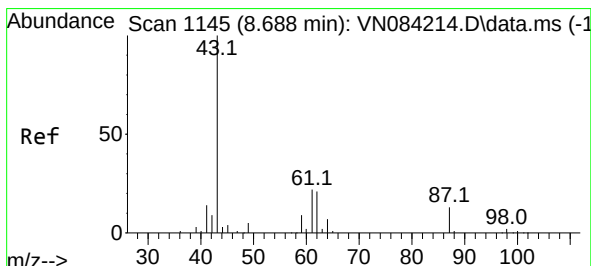
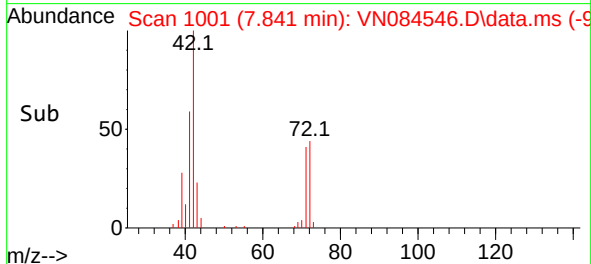
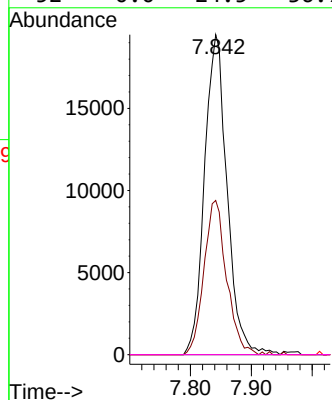
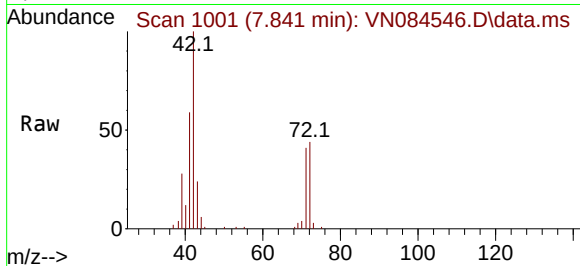




#41  
Methacrylonitrile  
Concen: 36.658 ug/l  
RT: 7.841 min Scan# 1001  
Delta R.T. 0.065 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

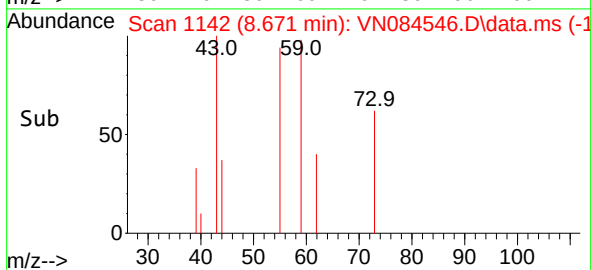
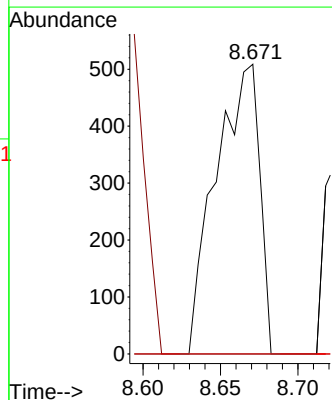
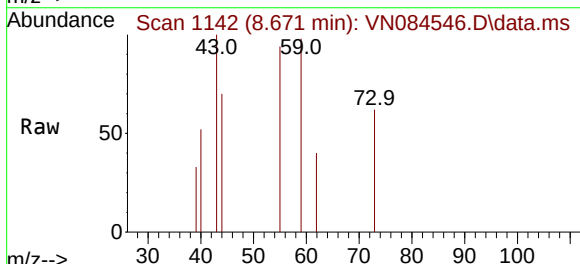
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

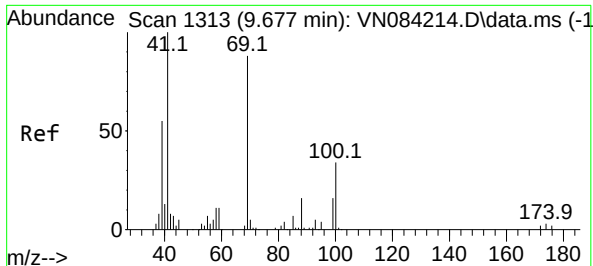
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 50176 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 48.3     | 43.3 64.9   |
| 67 0.0      | 56.1 84.1#  |
| 52 0.0      | 24.5 36.7#  |



#43  
Isopropyl Acetate  
Concen: 0.201 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.018 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 995   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 0.0      | 20.4 30.6#  |
| 87 0.0      | 10.3 15.5#  |





#48

Methyl methacrylate

Concen: 0.492 ug/l

RT: 9.906 min Scan# 11

Delta R.T. 0.230 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

241023068-02-VOA

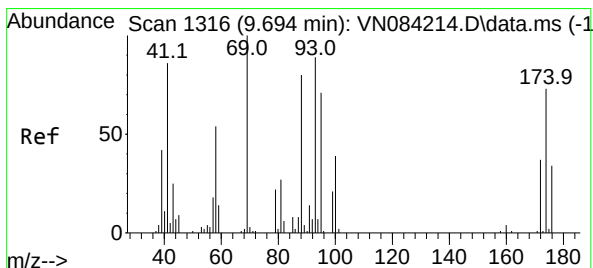
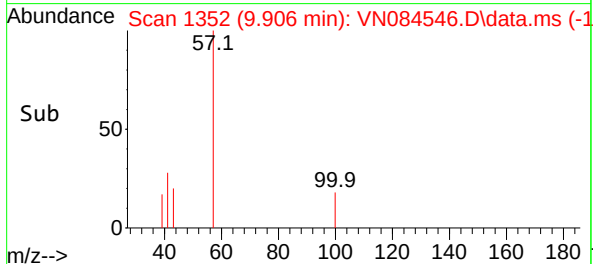
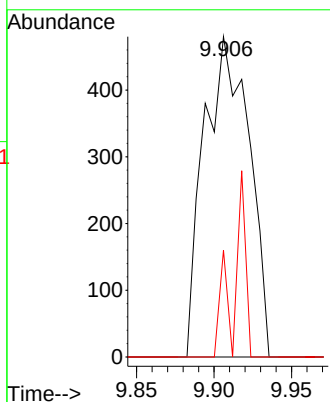
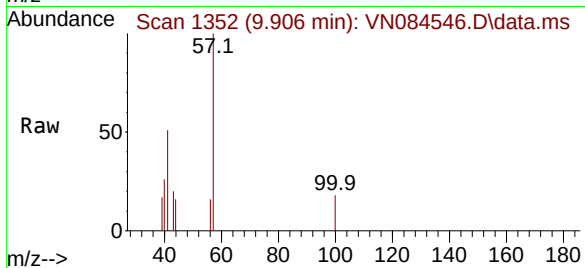
Tgt Ion: 41 Resp: 968

Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

39 16.0 45.8 68.6#



#49

1,4-Dioxane

Concen: 159.045 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

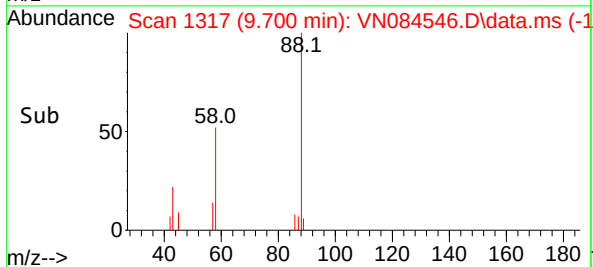
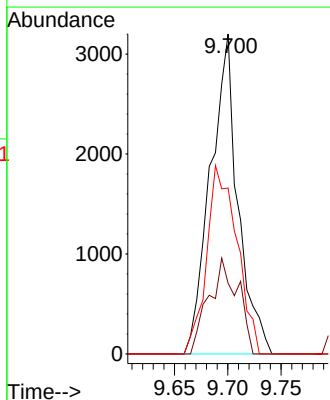
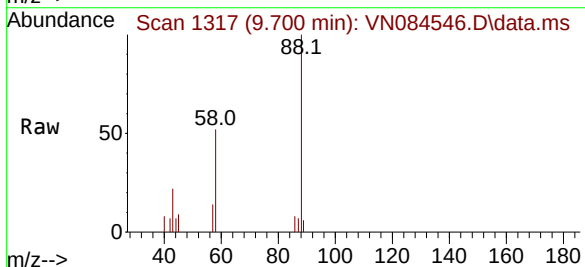
Tgt Ion: 88 Resp: 5756

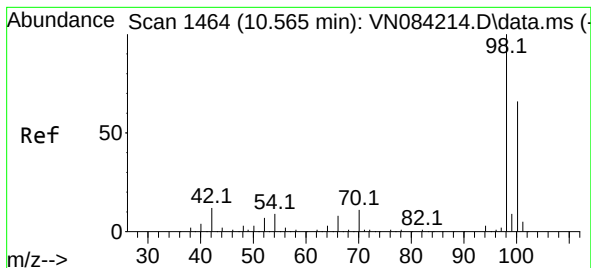
Ion Ratio Lower Upper

88 100

43 31.5 25.3 37.9

58 64.8 56.4 84.6

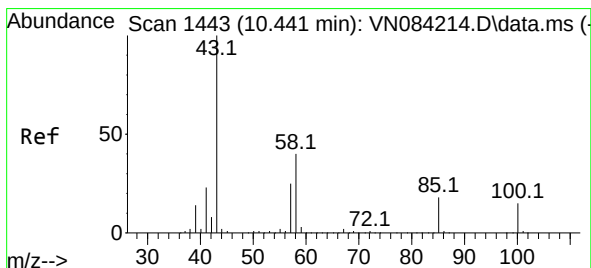
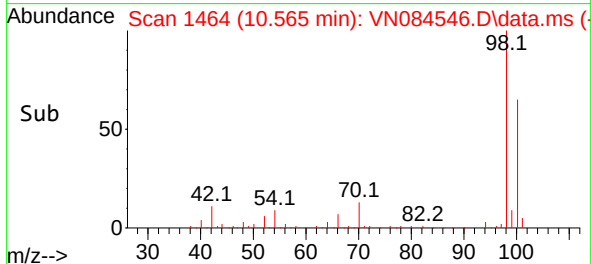
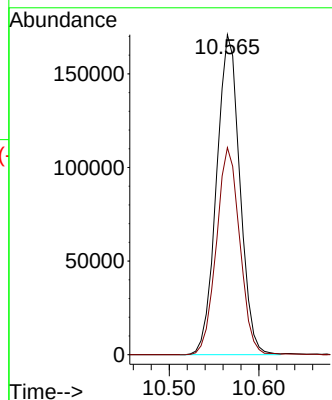
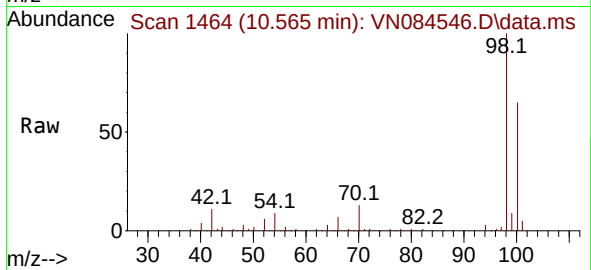




#50  
Toluene-d8  
Concen: 49.471 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

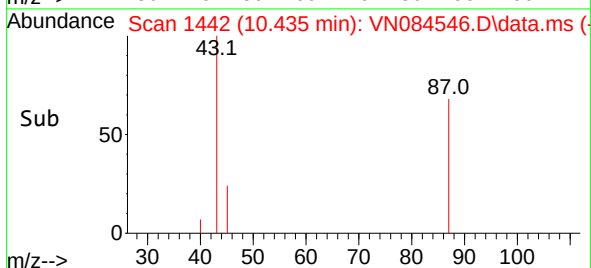
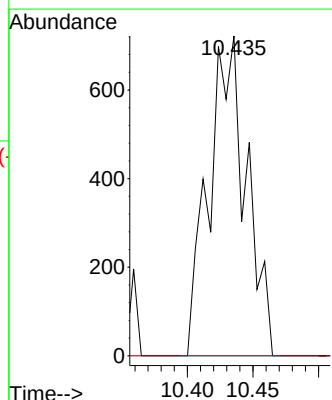
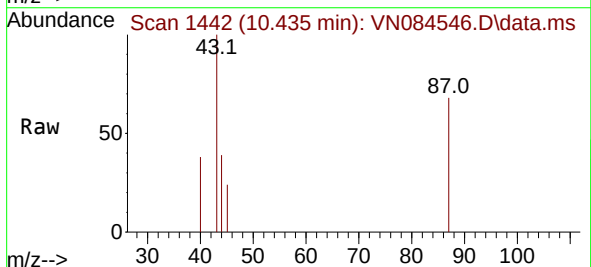
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

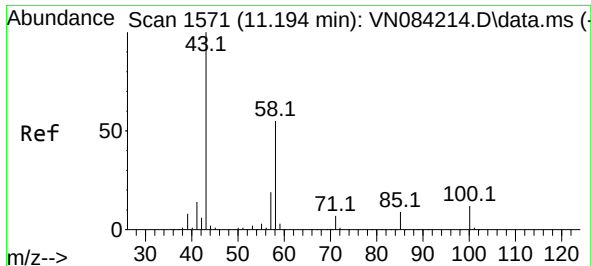
Tgt Ion: 98 Resp: 307940  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.7 79.1



#51  
4-Methyl-2-Pentanone  
Concen: 0.598 ug/l  
RT: 10.435 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 43 Resp: 1436  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.6 47.4#

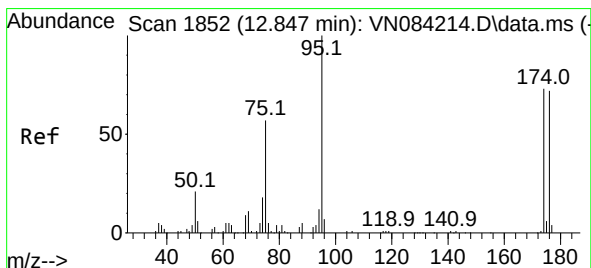
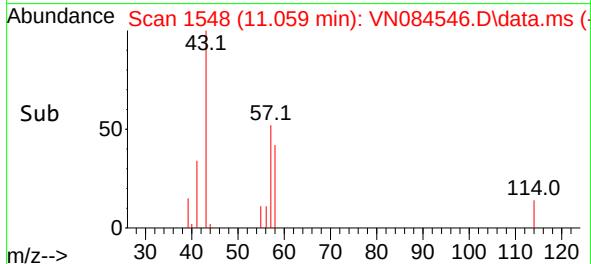
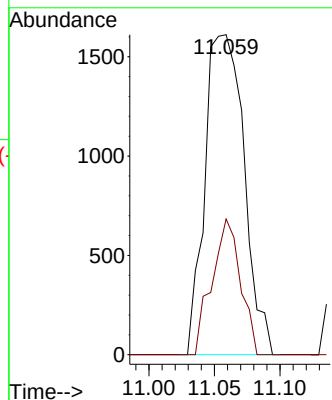
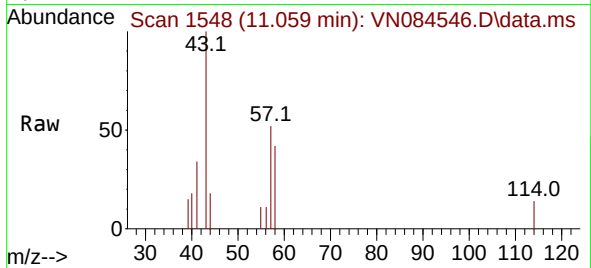




#59  
2-Hexanone  
Concen: 1.867 ug/l  
RT: 11.059 min Scan# 11  
Delta R.T. -0.135 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

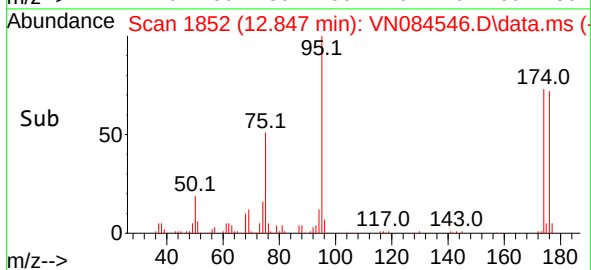
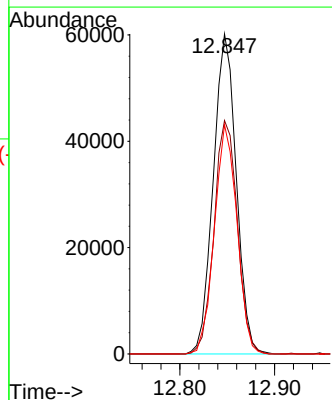
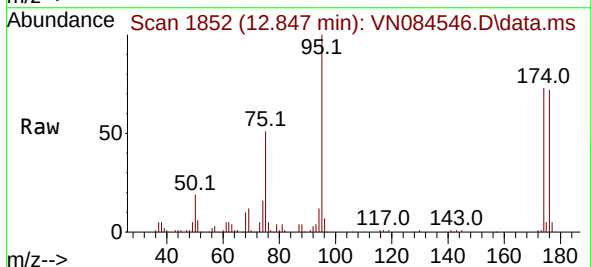
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

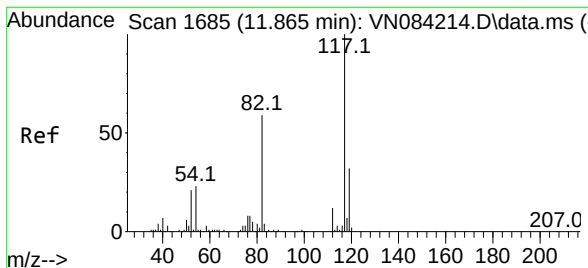
Tgt Ion: 43 Resp: 3350  
Ion Ratio Lower Upper  
43 100  
58 30.9 27.3 81.8



#62  
4-Bromofluorobenzene  
Concen: 44.689 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 95 Resp: 101341  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 145.2  
176 70.5 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

241023068-02-VOA

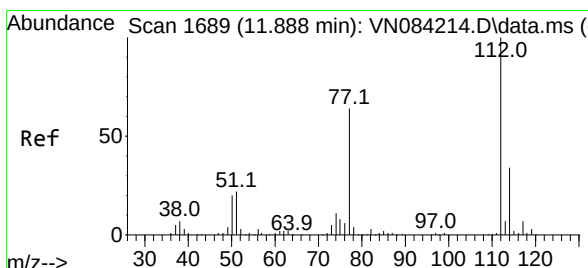
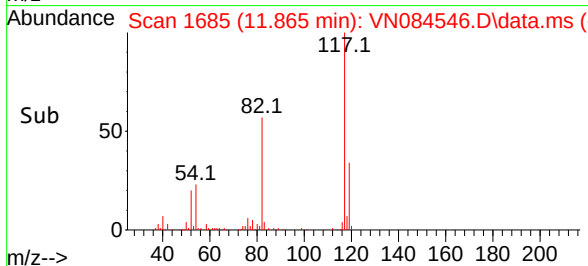
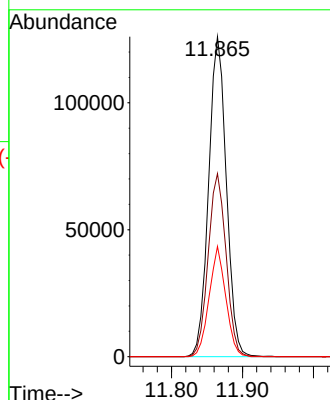
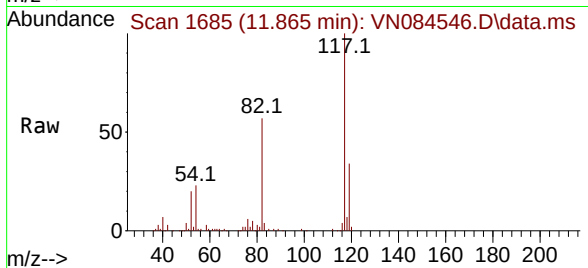
Tgt Ion:117 Resp: 218316

Ion Ratio Lower Upper

117 100

82 57.2 47.2 70.8

119 34.4 25.4 38.0



#65

Chlorobenzene

Concen: 4.629 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN084546.D

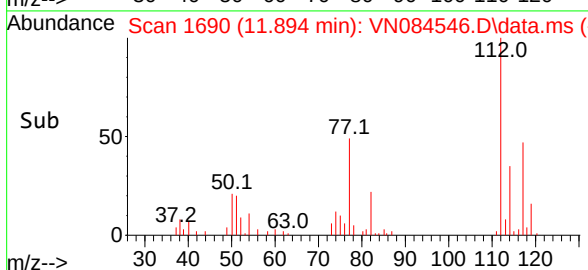
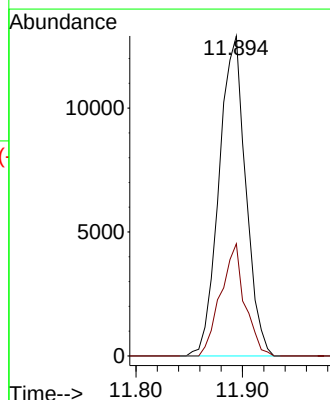
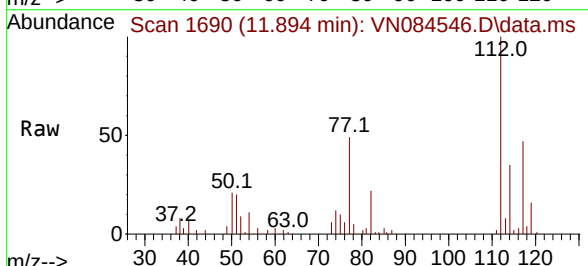
Acq: 28 Oct 2024 17:53

Tgt Ion:112 Resp: 22409

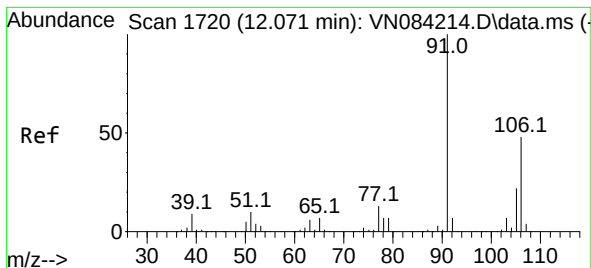
Ion Ratio Lower Upper

112 100

114 35.1 27.0 40.6







#68

m/p-Xylenes

Concen: 0.351 ug/l

RT: 12.077 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

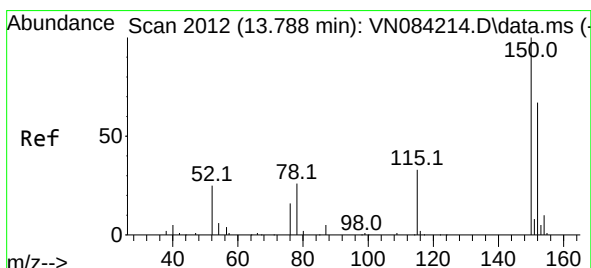
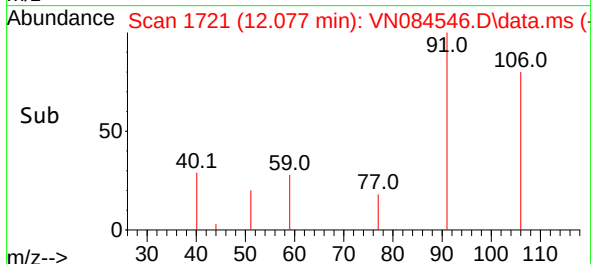
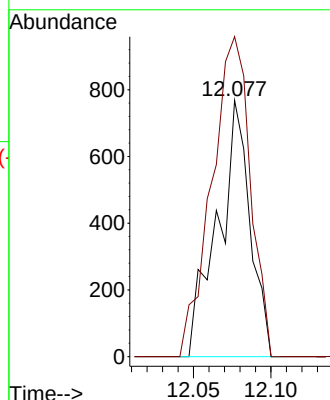
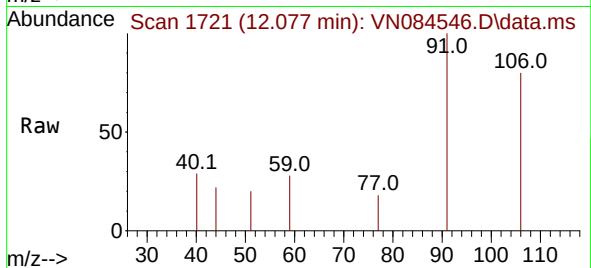
241023068-02-VOA

Tgt Ion:106 Resp: 1112

Ion Ratio Lower Upper

106 100

91 149.6 167.1 250.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084546.D

Acq: 28 Oct 2024 17:53

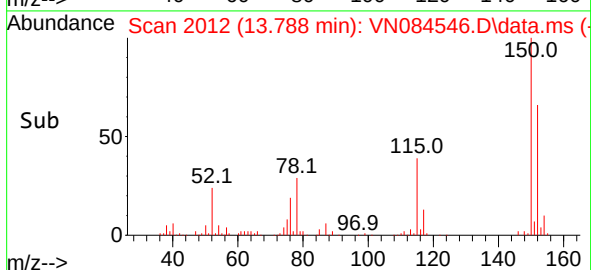
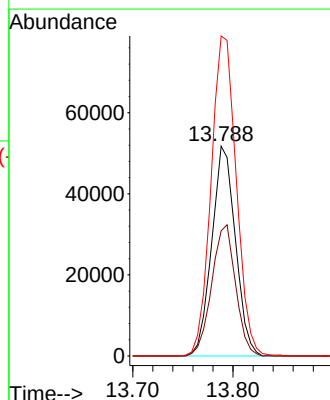
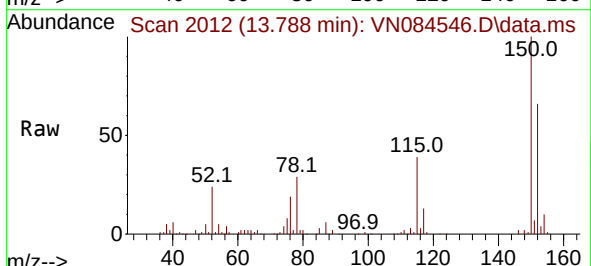
Tgt Ion:152 Resp: 84904

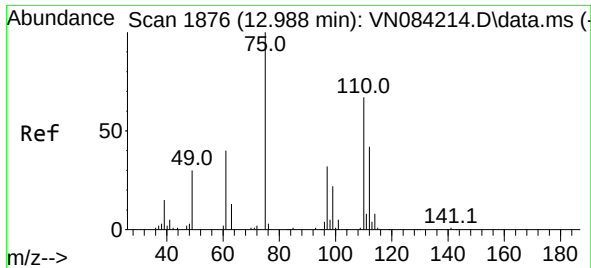
Ion Ratio Lower Upper

152 100

115 63.1 31.3 93.9

150 162.3 0.0 349.8

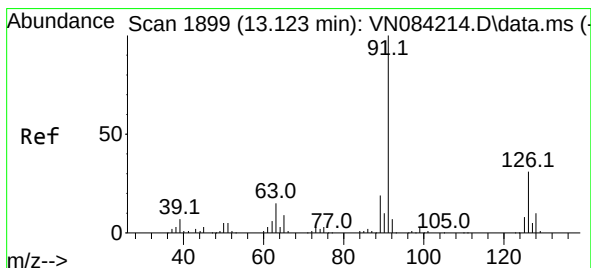
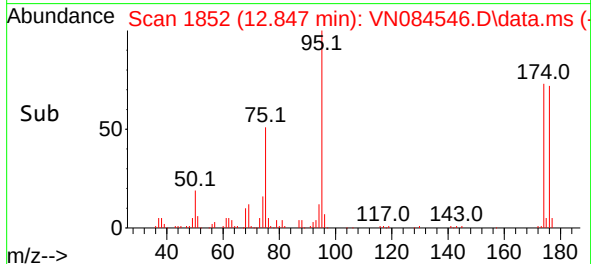
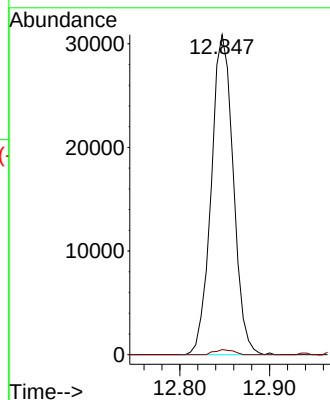
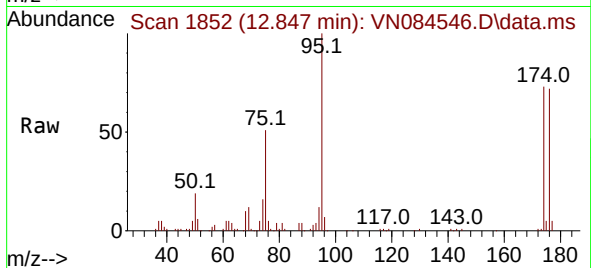




#76  
1,2,3-Trichloropropane  
Concen: 30.397 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.141 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

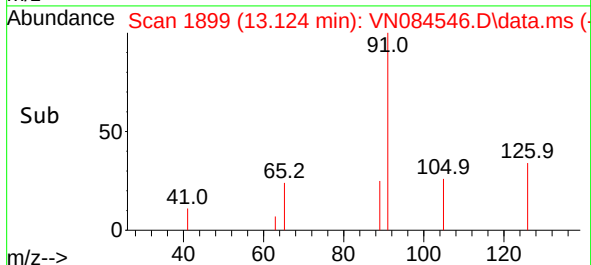
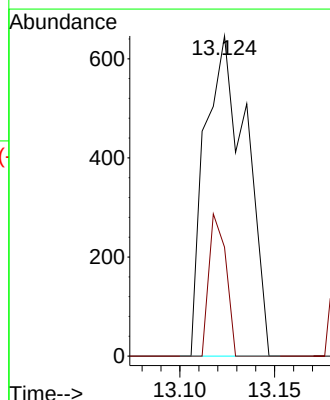
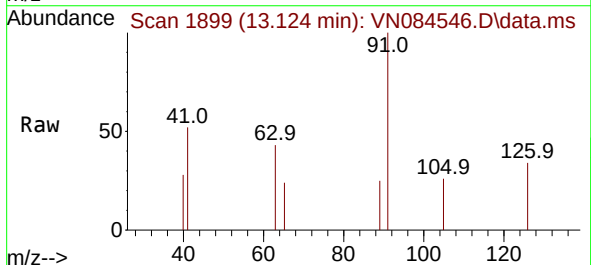
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

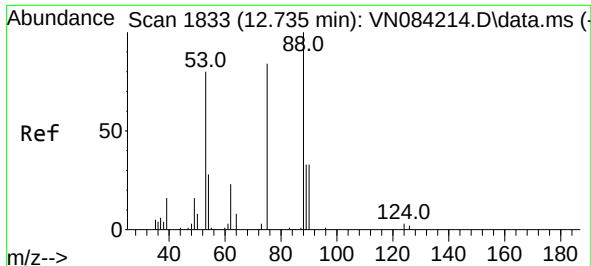
Tgt Ion: 75 Resp: 52688  
Ion Ratio Lower Upper  
75 100  
77 1.4 96.9 290.7#



#79  
2-Chlorotoluene  
Concen: 0.204 ug/l  
RT: 13.124 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 91 Resp: 979  
Ion Ratio Lower Upper  
91 100  
126 18.3 15.7 47.1

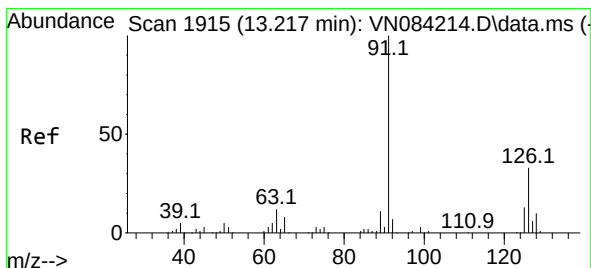
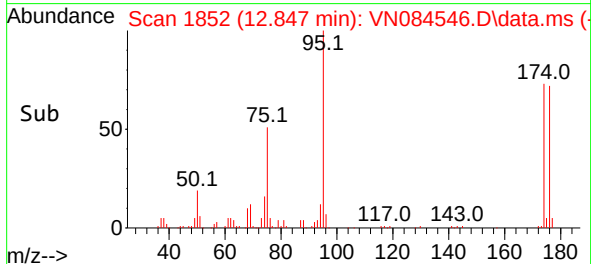
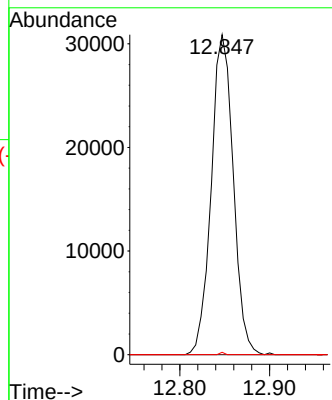
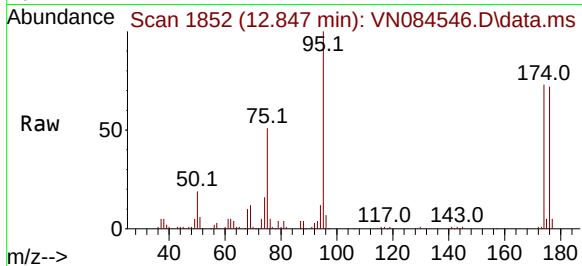




#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.875 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

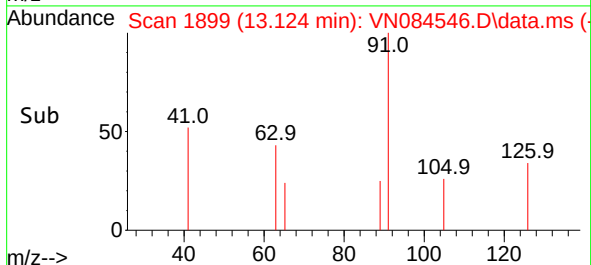
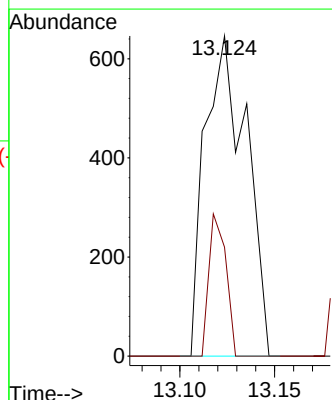
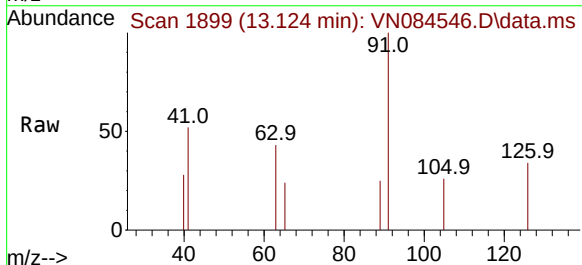
Instrument :  
MSVOA\_N  
ClientSampleId :  
241023068-02-VOA

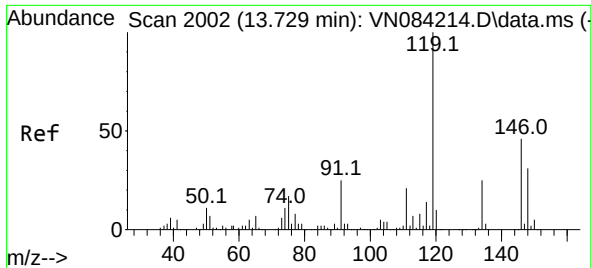
Tgt Ion: 75 Resp: 52688  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.2 35.5 53.3#



#82  
4-Chlorotoluene  
Concen: 0.203 ug/l  
RT: 13.124 min Scan# 1899  
Delta R.T. -0.094 min  
Lab File: VN084546.D  
Acq: 28 Oct 2024 17:53

Tgt Ion: 91 Resp: 979  
Ion Ratio Lower Upper  
91 100  
126 18.3 15.7 47.1

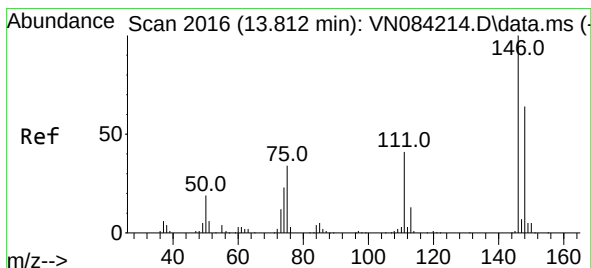
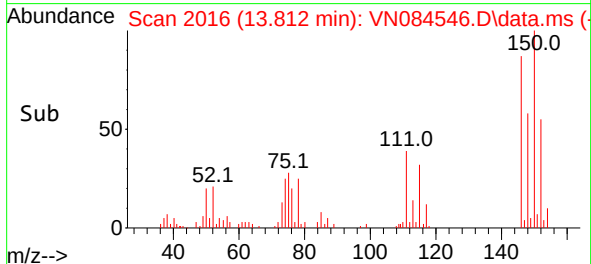
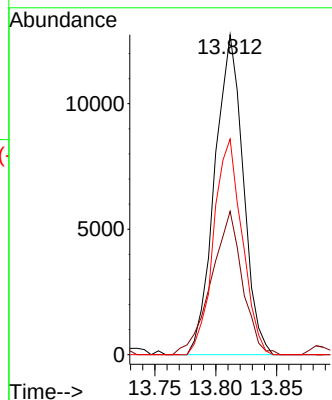
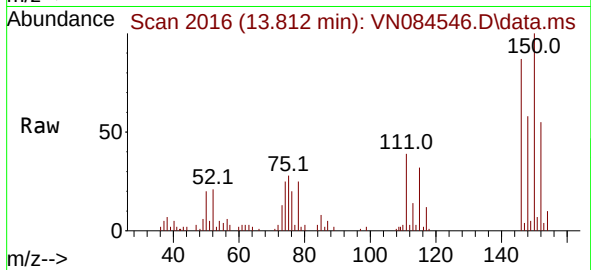




#87  
 1,3-Dichlorobenzene  
 Concen: 7.061 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.082 min  
 Lab File: VN084546.D  
 Acq: 28 Oct 2024 17:53

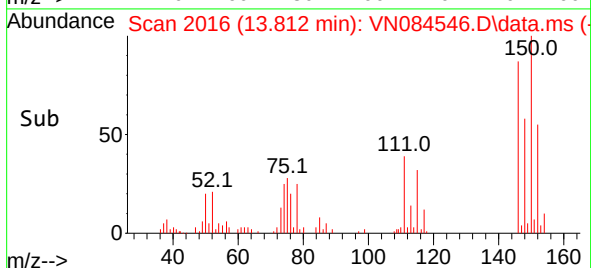
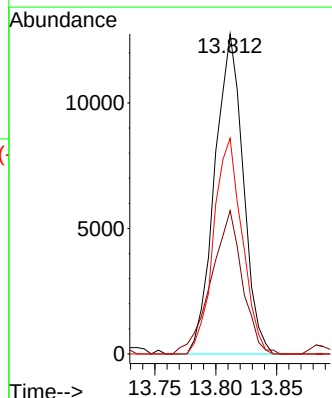
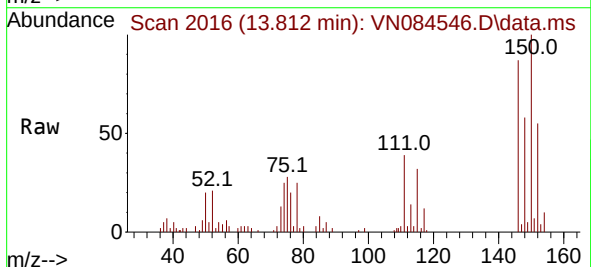
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 241023068-02-VOA

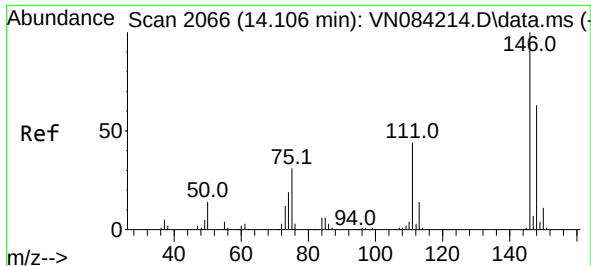
Tgt Ion:146 Resp: 20701  
 Ion Ratio Lower Upper  
 146 100  
 111 48.8 21.8 65.3  
 148 67.4 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 6.992 ug/l  
 RT: 13.812 min Scan# 2016  
 Delta R.T. 0.000 min  
 Lab File: VN084546.D  
 Acq: 28 Oct 2024 17:53

Tgt Ion:146 Resp: 20701  
 Ion Ratio Lower Upper  
 146 100  
 111 48.8 21.2 63.6  
 148 67.4 31.9 95.9





#91

1,2-Dichlorobenzene

Concen: 0.404 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VN084546.D

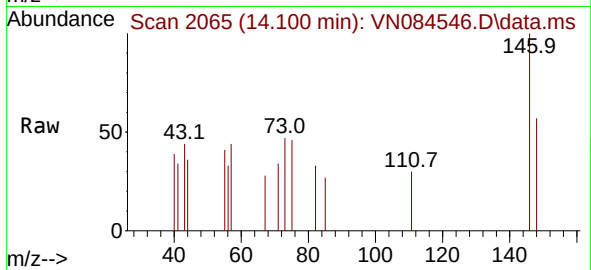
Acq: 28 Oct 2024 17:53

Instrument :

MSVOA\_N

ClientSampleId :

241023068-02-VOA



Tgt Ion:146 Resp: 1162

Ion Ratio Lower Upper

146 100

111 42.9 22.0 66.0

148 60.0 32.1 96.3

