

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051524\  
 Data File : VN082128.D  
 Acq On : 15 May 2024 13:01  
 Operator : JC\MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: May 16 04:56:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 04:51:03 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 155229              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.106          | 114  | 270296              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 246073              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 99154               | 50.000 | ug/l   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 128195              | 52.301 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 104.600% |        |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 89288               | 53.699 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 107.400% |        |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 341535              | 53.576 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 107.160% |        |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 112912              | 49.625 | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 64 - 133 |      | Recovery = 99.240%  |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 3) Chloromethane              | 2.365          | 50   | 278                 | 0.110  | ug/l # | 43       |
| 5) Bromomethane               | 2.983          | 94   | 65                  | 0.047  | ug/l # | 3        |
| 6) Chloroethane               | 3.112          | 64   | 119                 | 0.076  | ug/l # | 44       |
| 10) Methyl Iodide             | 4.600          | 142  | 116                 | 0.063  | ug/l # | 40       |
| 14) Allyl chloride            | 5.018          | 41   | 56                  | 0.015  | ug/l # | 16       |
| 15) Acrylonitrile             | 5.724          | 53   | 57                  | 0.056  | ug/l # | 17       |
| 16) Acetone                   | 4.442          | 43   | 126                 | 0.125  | ug/l # | 43       |
| 17) Carbon Disulfide          | 4.706          | 76   | 837                 | 0.153  | ug/l # | 74       |
| 29) Tetrahydrofuran           | 7.847          | 42   | 60                  | 0.061  | ug/l # | 29       |
| 42) 1,2-Dichloroethane        | 8.659          | 62   | 59                  | 0.018  | ug/l # | 73       |
| 43) Isopropyl Acetate         | 8.747          | 43   | 124                 | 0.022  | ug/l # | 52       |
| 51) 4-Methyl-2-Pentanone      | 10.447         | 43   | 126                 | 0.040  | ug/l # | 34       |
| 65) Chlorobenzene             | 11.888         | 112  | 99                  | 0.018  | ug/l # | 43       |
| 67) Ethyl Benzene             | 11.965         | 91   | 265                 | 0.027  | ug/l # | 43       |
| 70) Styrene                   | 12.406         | 104  | 134                 | 0.023  | ug/l # | 26       |
| 73) Isopropylbenzene          | 12.700         | 105  | 91                  | 0.012  | ug/l # | 48       |
| 75) 1,1,2,2-Tetrachloroethane | 12.859         | 83   | 54                  | 0.024  | ug/l # | 1        |
| 78) n-propylbenzene           | 13.029         | 91   | 330                 | 0.035  | ug/l # | 52       |
| 79) 2-Chlorotoluene           | 13.223         | 91   | 164                 | 0.028  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.176         | 105  | 55                  | 0.009  | ug/l # | 28       |
| 82) 4-Chlorotoluene           | 13.223         | 91   | 164                 | 0.029  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441         | 119  | 122                 | 0.022  | ug/l # | 27       |
| 84) 1,2,4-Trimethylbenzene    | 13.488         | 105  | 189                 | 0.029  | ug/l   | 81       |
| 85) sec-Butylbenzene          | 13.623         | 105  | 414                 | 0.054  | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 195                 | 0.031  | ug/l # | 50       |
| 87) 1,3-Dichlorobenzene       | 13.735         | 146  | 58                  | 0.017  | ug/l # | 5        |
| 88) 1,4-Dichlorobenzene       | 13.806         | 146  | 419                 | 0.121  | ug/l # | 1        |
| 89) n-Butylbenzene            | 14.059         | 91   | 485                 | 0.086  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.111         | 146  | 66                  | 0.021  | ug/l # | 24       |
| 93) 1,2,4-Trichlorobenzene    | 15.400         | 180  | 234                 | 0.130  | ug/l # | 56       |
| 94) Hexachlorobutadiene       | 15.500         | 225  | 128                 | 0.162  | ug/l # | 20       |
| 95) Naphthalene               | 15.641         | 128  | 991                 | 0.175  | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.847         | 180  | 227                 | 0.126  | ug/l # | 76       |
| -----                         |                |      |                     |        |        |          |

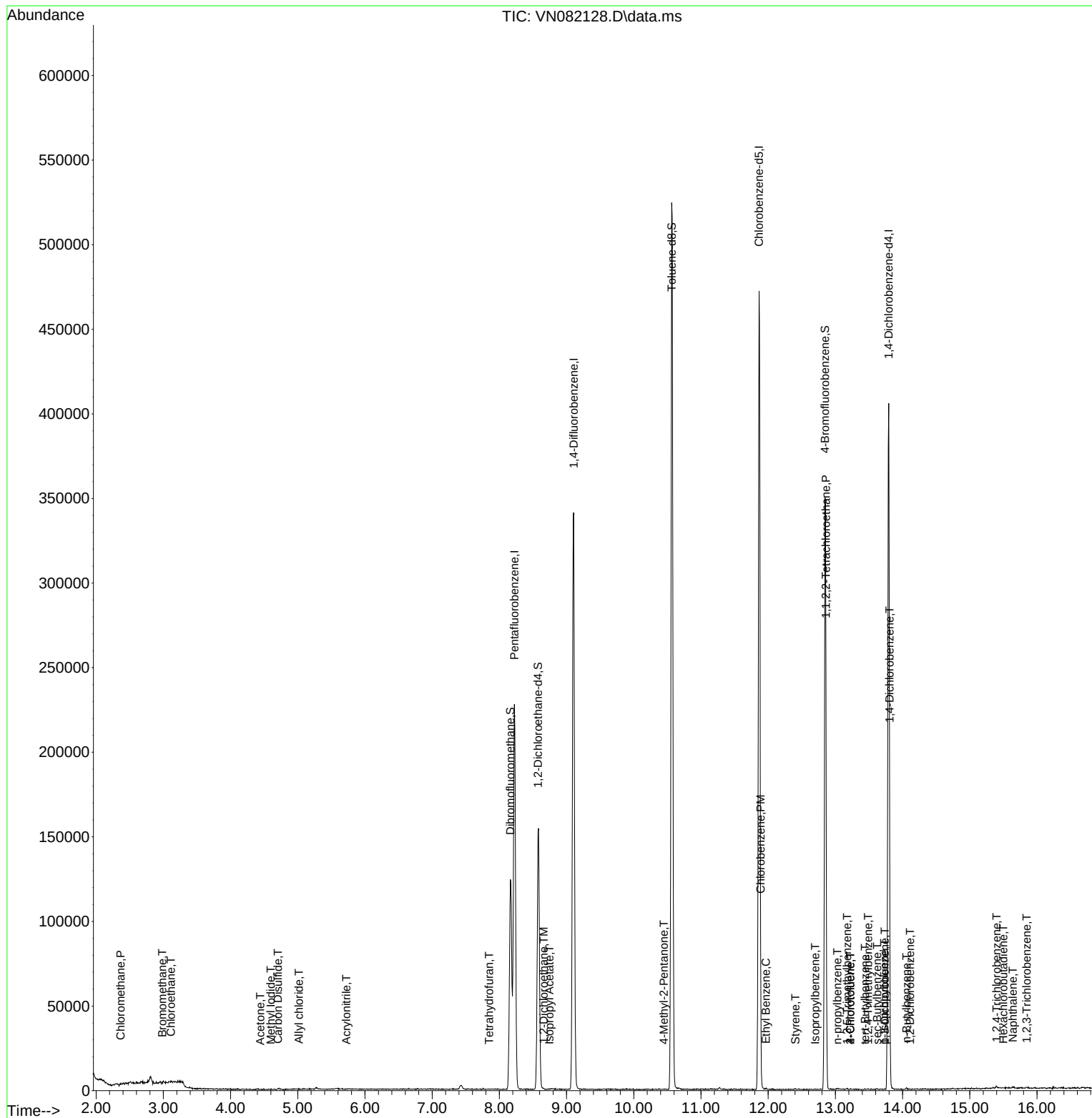
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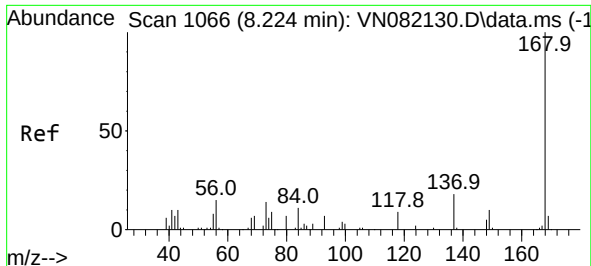
**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
IBLK

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051524\  
Data File : VN082128.D  
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ALS Vial : 3 Sample Multiplier: 1

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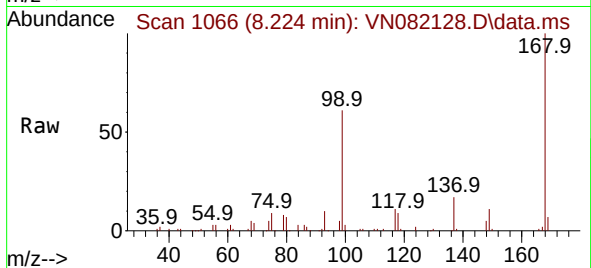
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 04:51:03 2024  
Response via : Initial Calibration



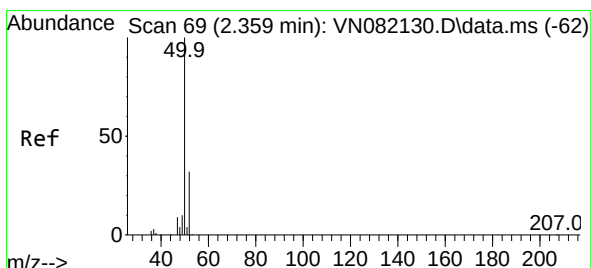
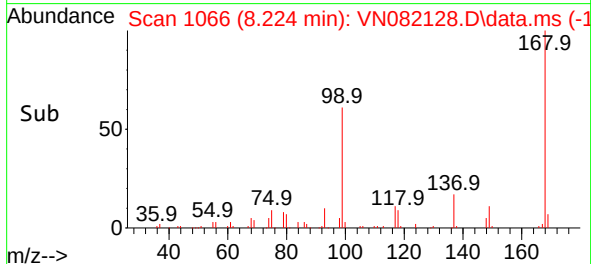
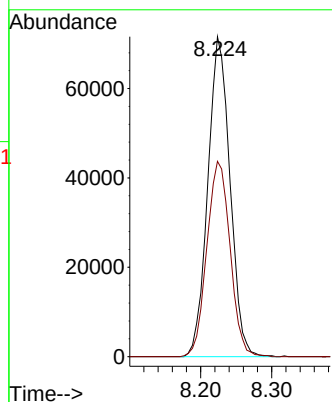


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

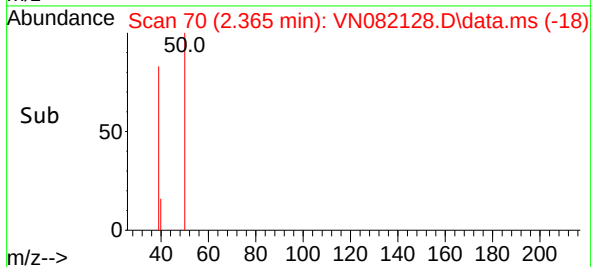
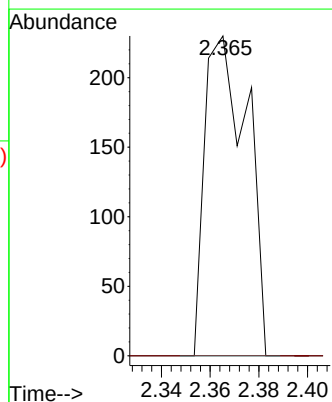
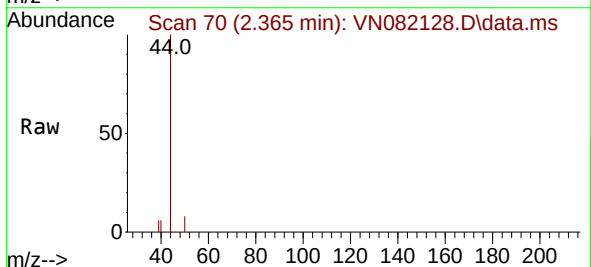


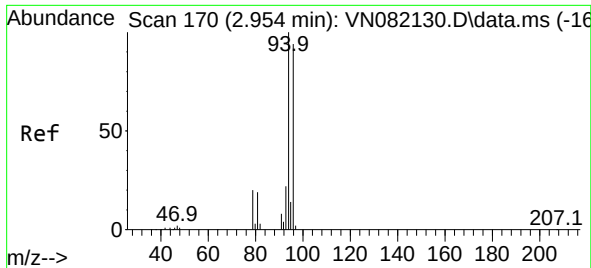
Tgt Ion:168 Resp: 155229  
Ion Ratio Lower Upper  
168 100  
99 61.1 48.2 72.4



#3  
Chloromethane  
Concen: 0.110 ug/l  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 50 Resp: 278  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.5 38.3#

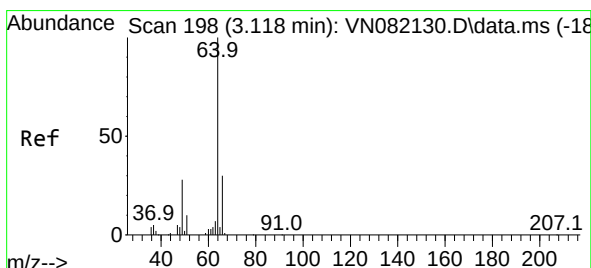
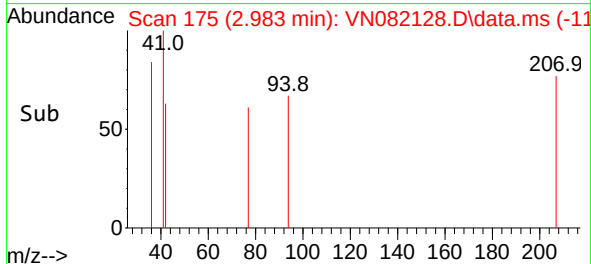
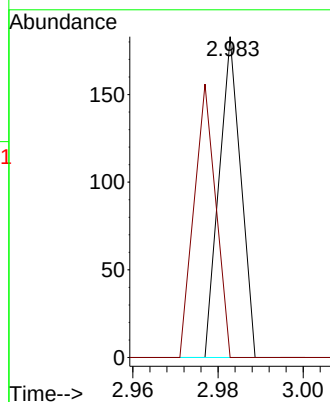
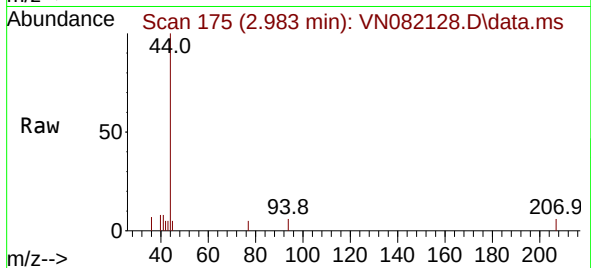




#5  
Bromomethane  
Concen: 0.047 ug/l  
RT: 2.983 min Scan# 11  
Delta R.T. 0.029 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

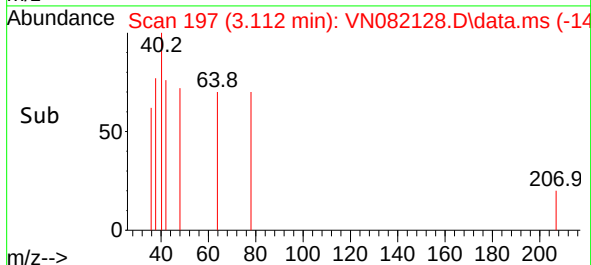
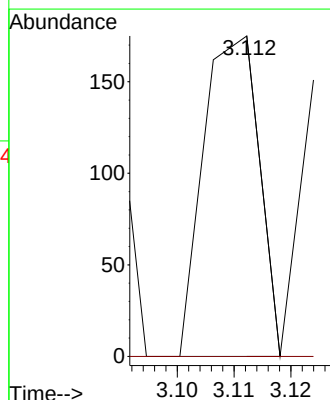
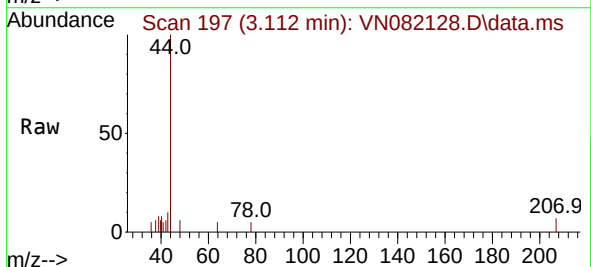
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

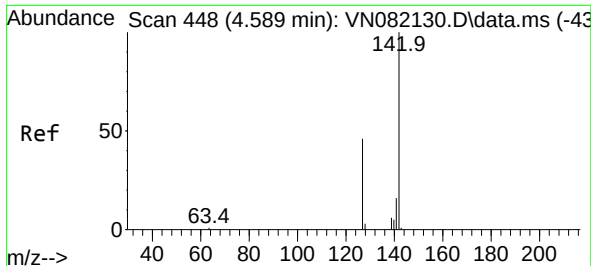
Tgt Ion: 94 Resp: 65  
Ion Ratio Lower Upper  
94 100  
96 0.0 74.8 112.2#



#6  
Chloroethane  
Concen: 0.076 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 64 Resp: 119  
Ion Ratio Lower Upper  
64 100  
66 0.0 24.7 37.1#

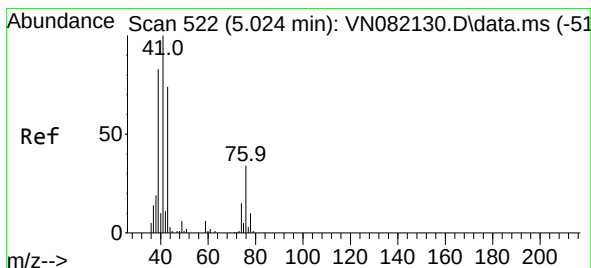
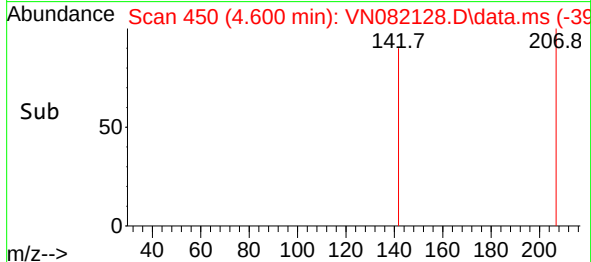
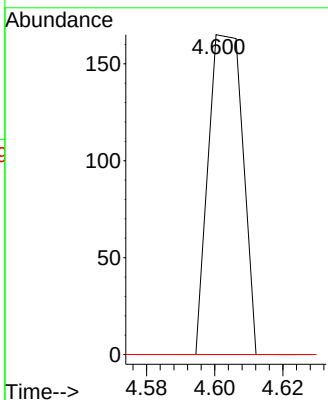
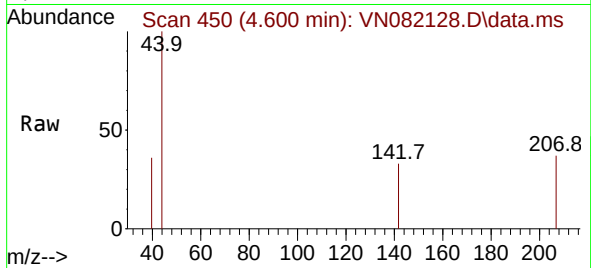




#10  
Methyl Iodide  
Concen: 0.063 ug/l  
RT: 4.600 min Scan# 411  
Delta R.T. 0.012 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

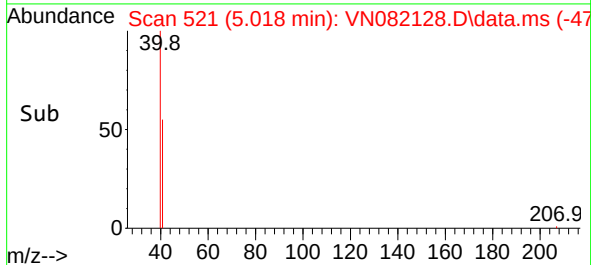
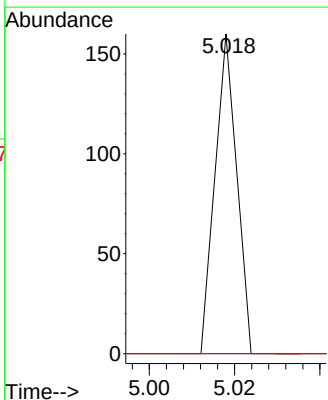
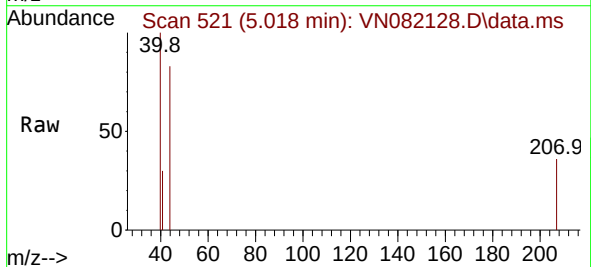
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

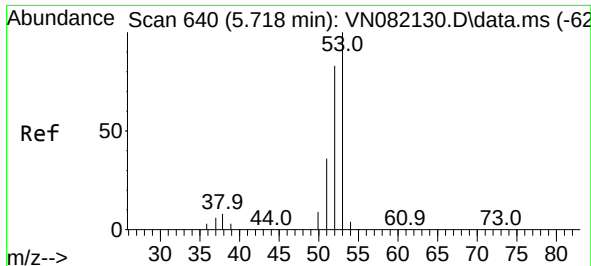
Tgt Ion:142 Resp: 116  
Ion Ratio Lower Upper  
142 100  
127 0.0 35.8 53.6#  
141 0.0 11.4 17.2#



#14  
Allyl chloride  
Concen: 0.015 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 41 Resp: 56  
Ion Ratio Lower Upper  
41 100  
39 0.0 65.4 98.0#  
76 0.0 37.3 55.9#

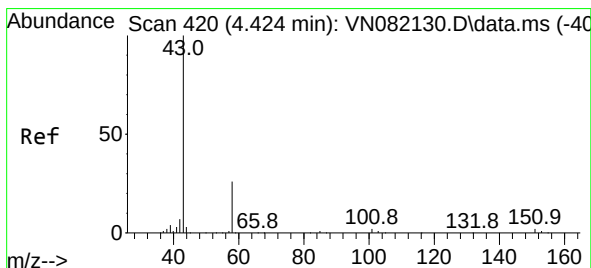
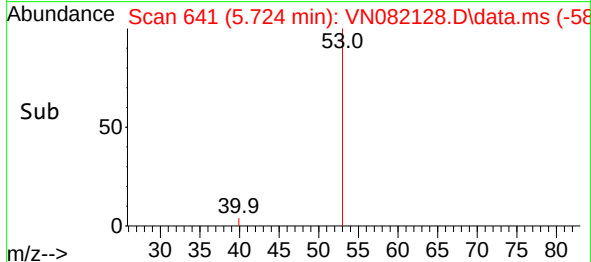
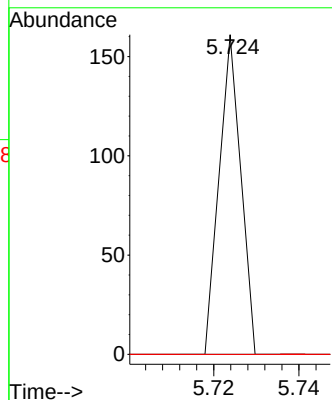
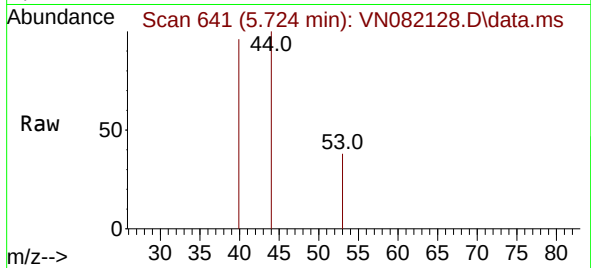




#15  
Acrylonitrile  
Concen: 0.056 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

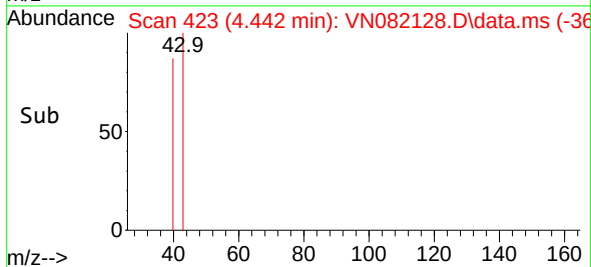
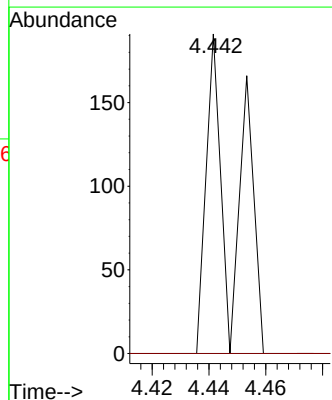
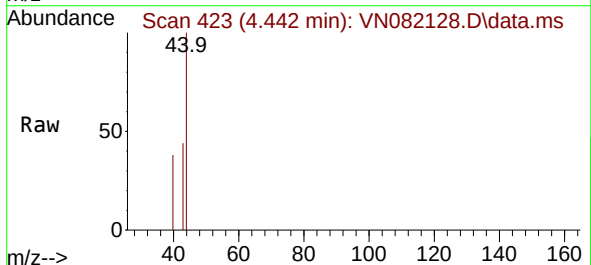
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ClientSampleId :  
IBLK

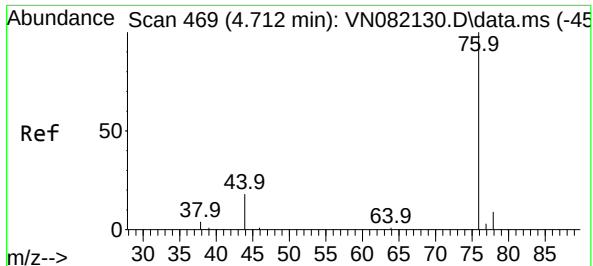
Tgt Ion: 53 Resp: 57  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.1 99.1#  
51 0.0 29.4 44.2#



#16  
Acetone  
Concen: 0.125 ug/l  
RT: 4.442 min Scan# 423  
Delta R.T. 0.018 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 43 Resp: 126  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.2 37.8#

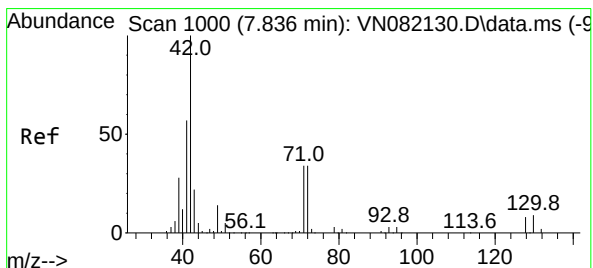
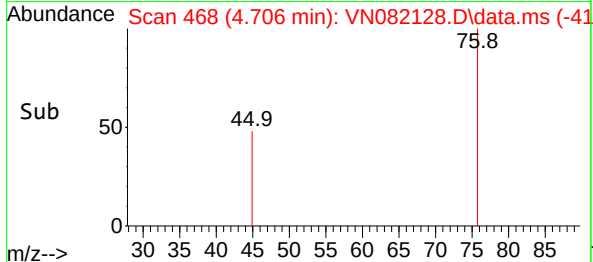
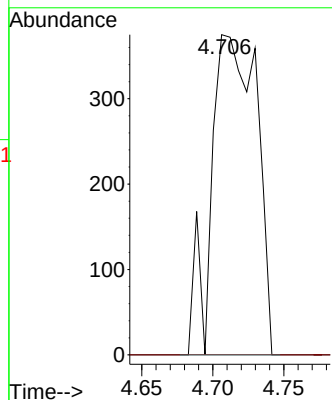
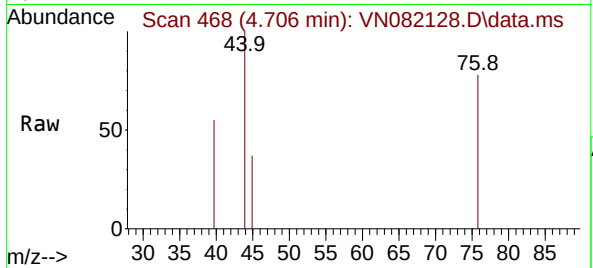




#17  
Carbon Disulfide  
Concen: 0.153 ug/l  
RT: 4.706 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

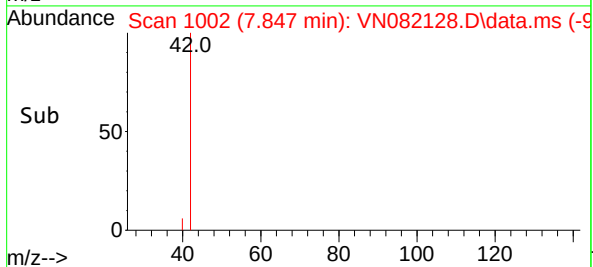
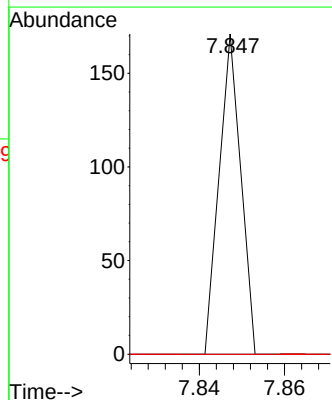
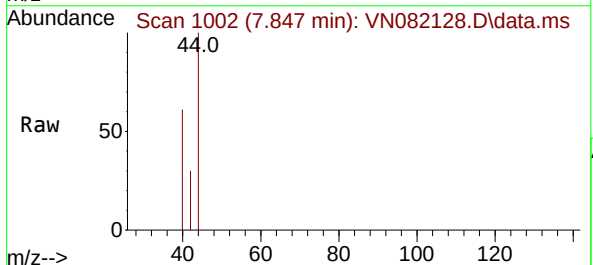
Instrument :  
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ClientSampleId :  
IBLK

Tgt Ion: 76 Resp: 837  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#

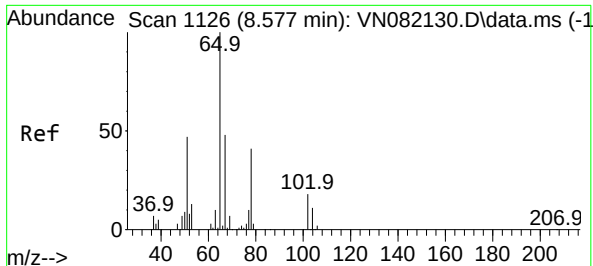


#29  
Tetrahydrofuran  
Concen: 0.061 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.012 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 42 Resp: 60  
Ion Ratio Lower Upper  
42 100  
72 0.0 39.3 58.9#  
71 0.0 37.4 56.0#







#33

1,2-Dichloroethane-d4

Concen: 52.301 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA\_N

ClientSampleId :

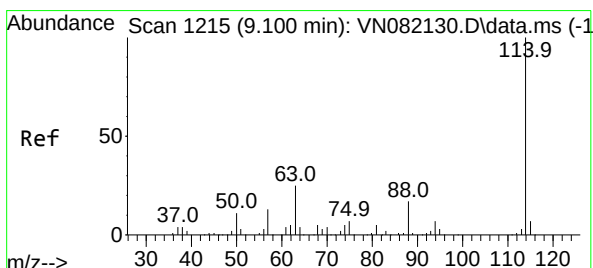
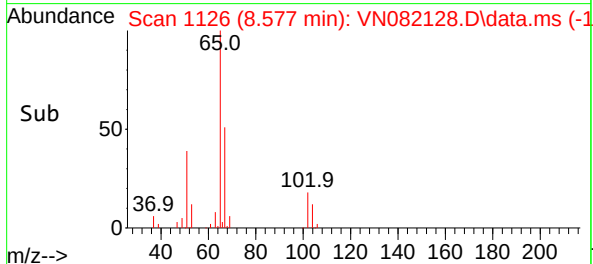
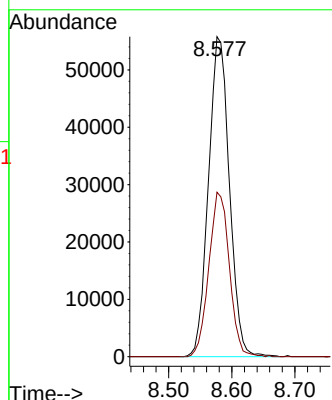
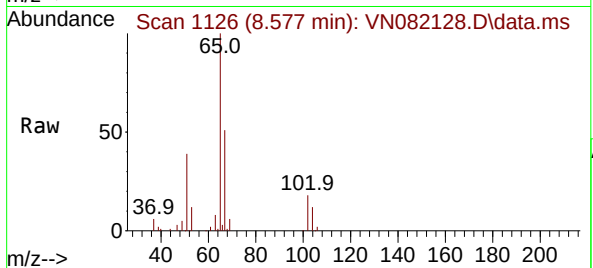
IBLK

Tgt Ion: 65 Resp: 128195

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

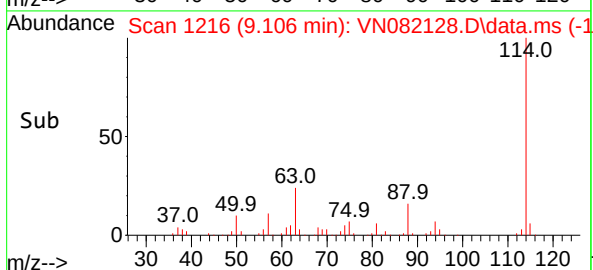
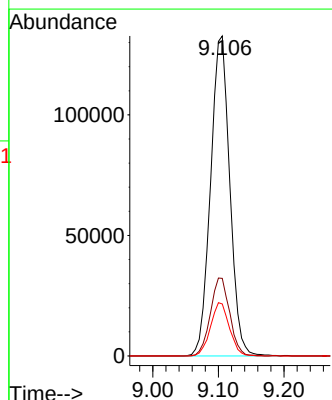
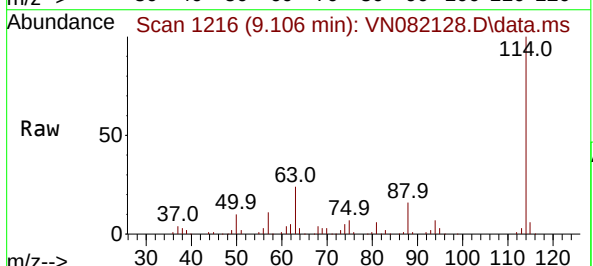
Tgt Ion: 114 Resp: 270296

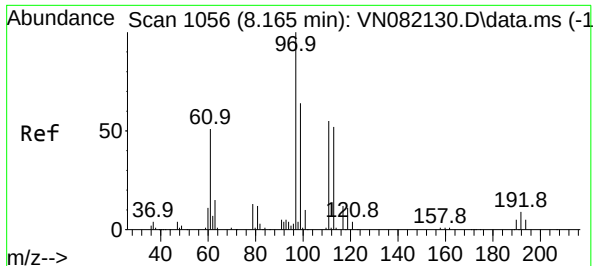
Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.699 ug/l

RT: 8.165 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

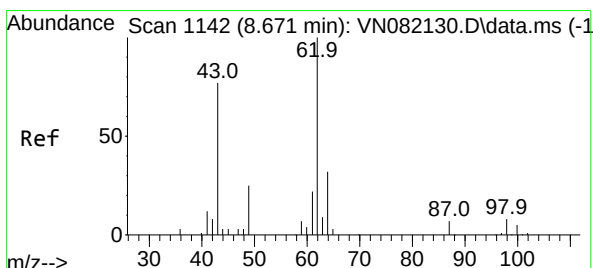
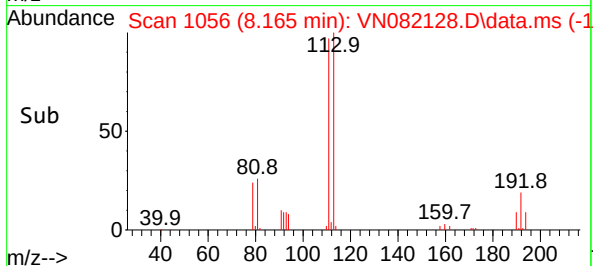
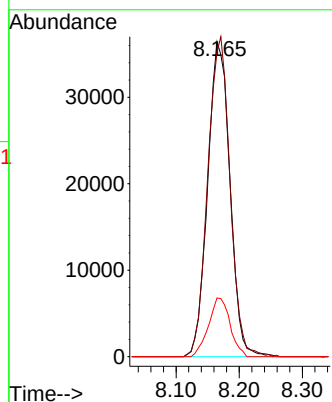
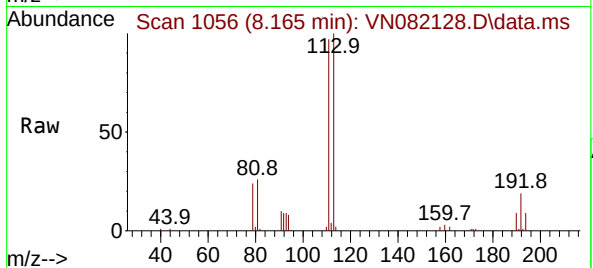
Tgt Ion:113 Resp: 89288

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 18.0 14.0 21.0



#42

1,2-Dichloroethane

Concen: 0.018 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.012 min

Lab File: VN082128.D

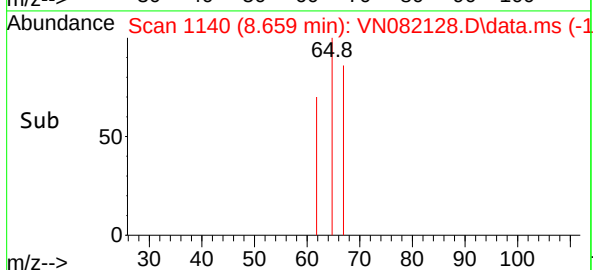
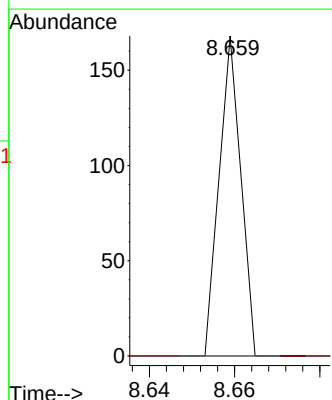
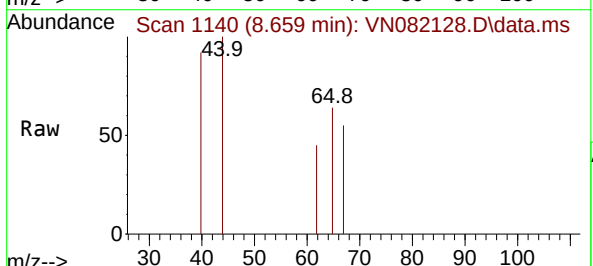
Acq: 15 May 2024 13:01

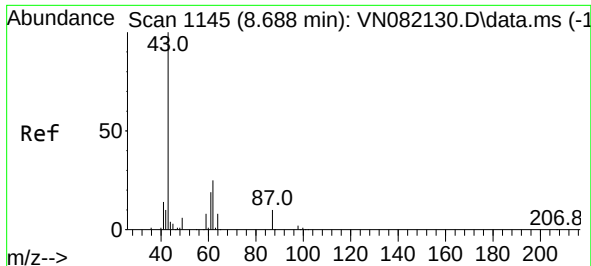
Tgt Ion: 62 Resp: 59

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.6

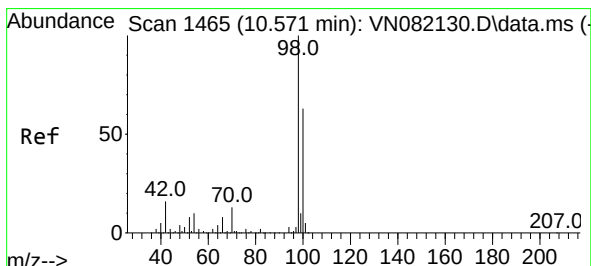
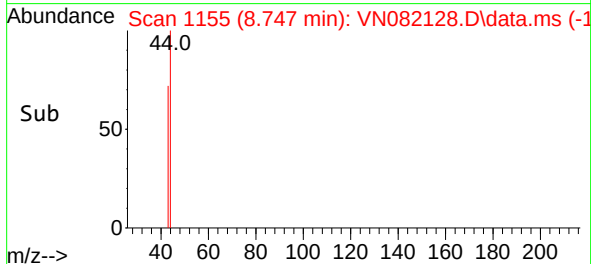
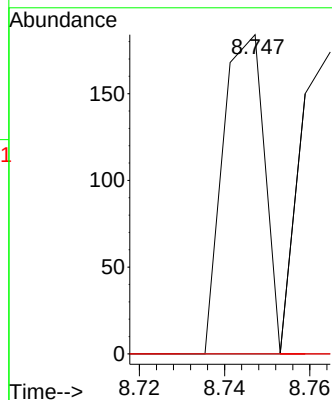
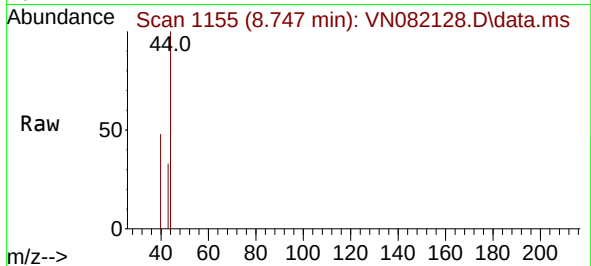




#43  
Isopropyl Acetate  
Concen: 0.022 ug/l  
RT: 8.747 min Scan# 1145  
Delta R.T. 0.059 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

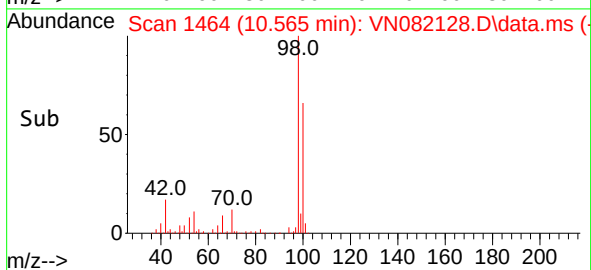
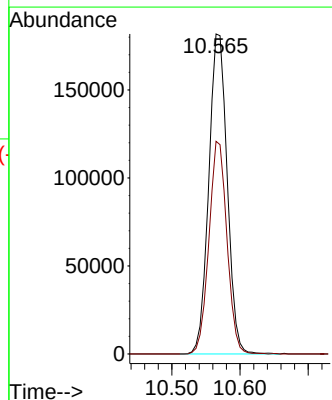
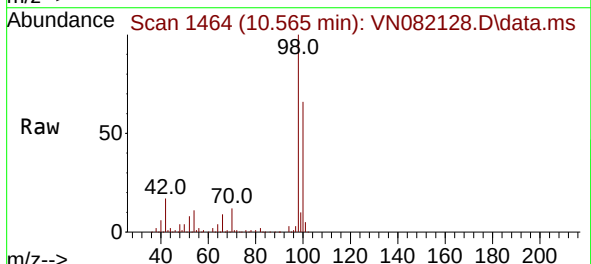
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

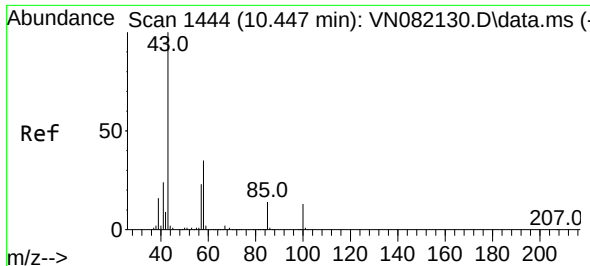
Tgt Ion: 43 Resp: 124  
Ion Ratio Lower Upper  
43 100  
61 0.0 22.8 34.2#  
87 0.0 12.0 18.0#



#50  
Toluene-d8  
Concen: 53.576 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 98 Resp: 341535  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.8 77.6

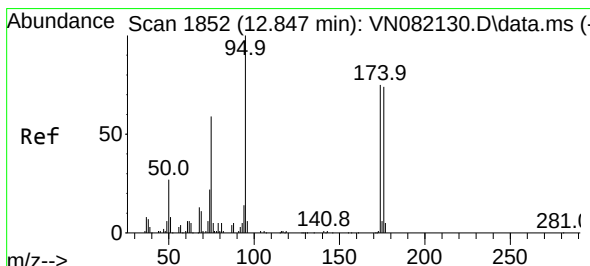
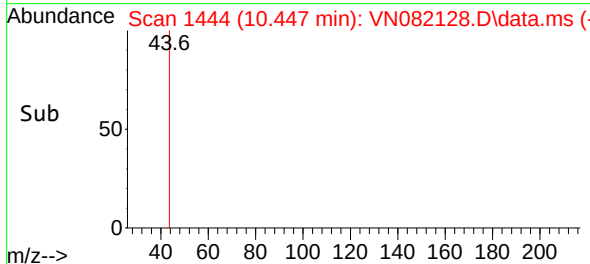
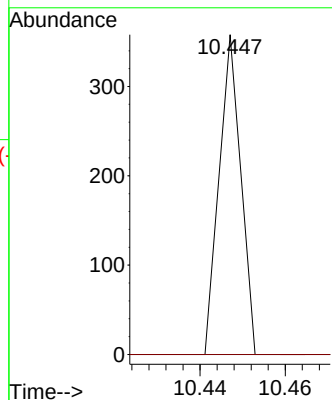
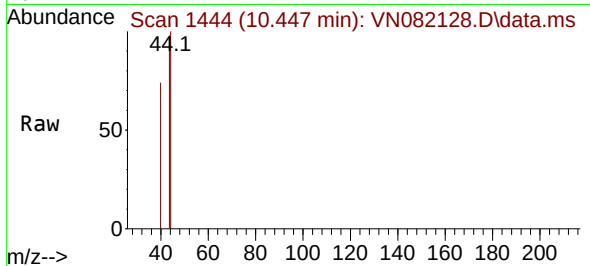




#51  
4-Methyl-2-Pentanone  
Concen: 0.040 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

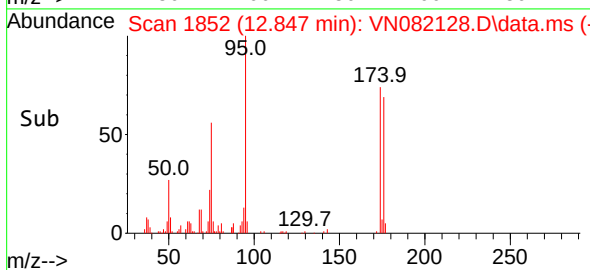
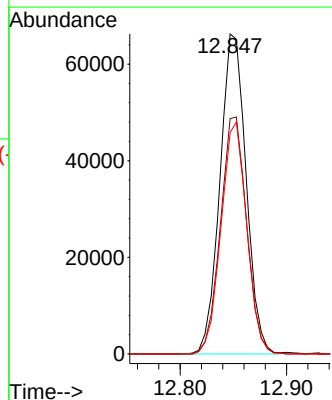
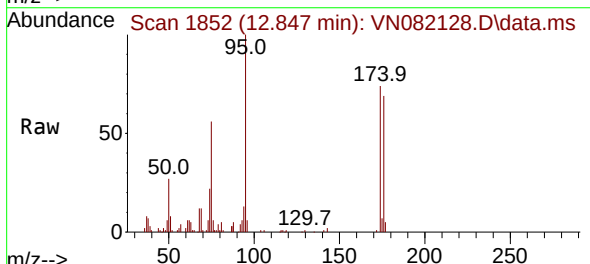
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

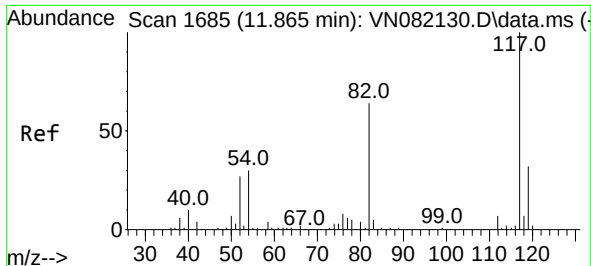
Tgt Ion: 43 Resp: 126  
Ion Ratio Lower Upper  
43 100  
58 0.0 33.2 49.8#



#62  
4-Bromofluorobenzene  
Concen: 49.625 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 95 Resp: 112912  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 160.6  
176 71.0 0.0 152.8

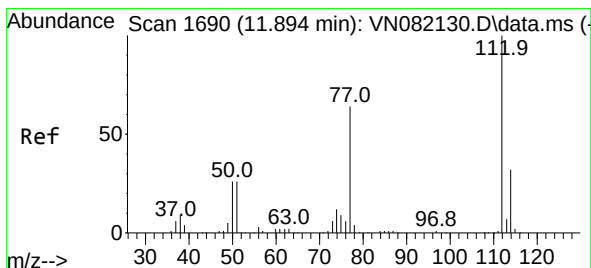
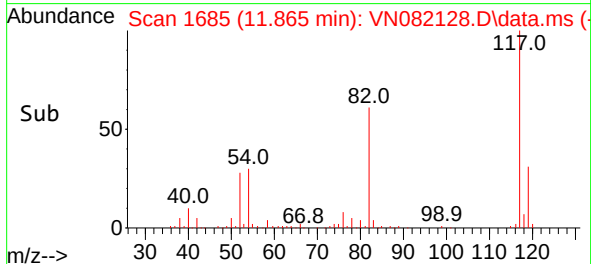
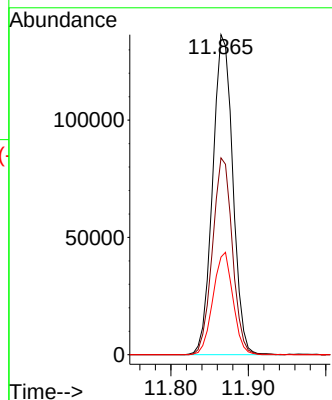
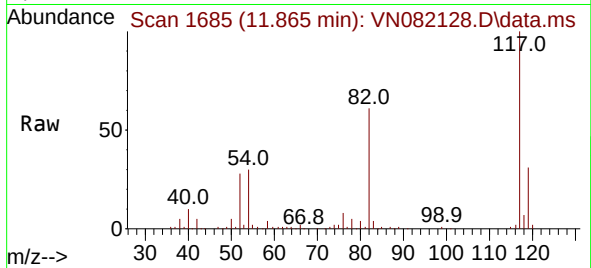




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

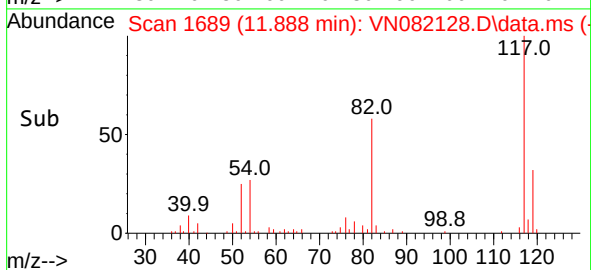
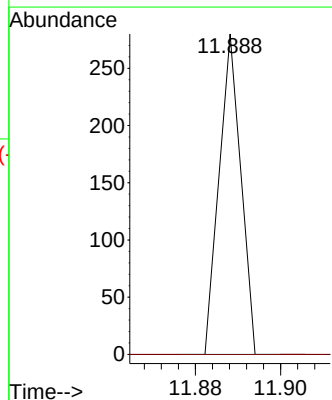
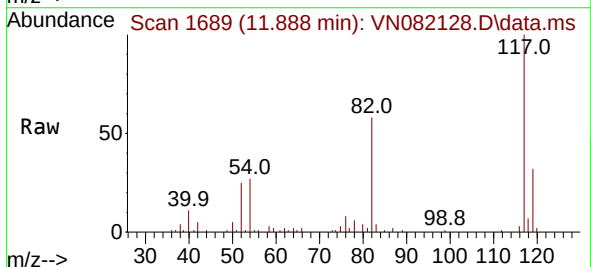
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

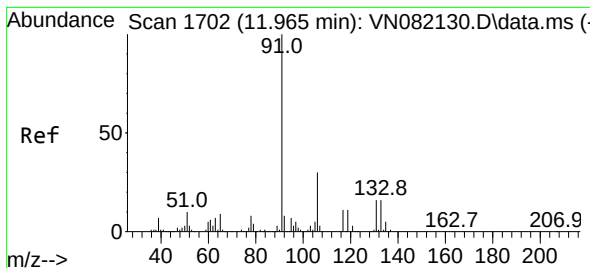
Tgt Ion:117 Resp: 246073  
Ion Ratio Lower Upper  
117 100  
82 61.5 44.6 66.8  
119 30.5 25.9 38.9



#65  
Chlorobenzene  
Concen: 0.018 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion:112 Resp: 99  
Ion Ratio Lower Upper  
112 100  
114 0.0 25.7 38.5#





#67

Ethyl Benzene

Concen: 0.027 ug/l

RT: 11.965 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA\_N

ClientSampleId :

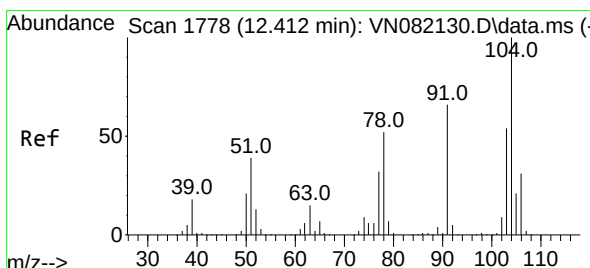
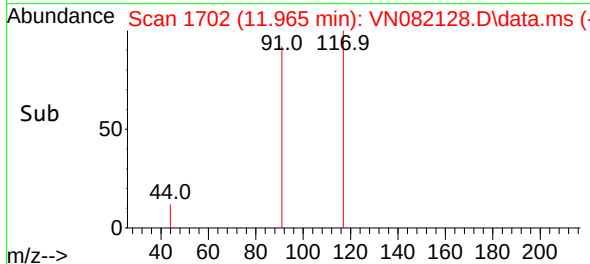
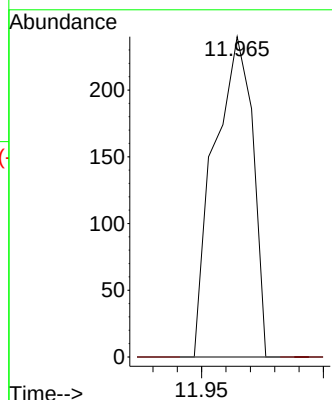
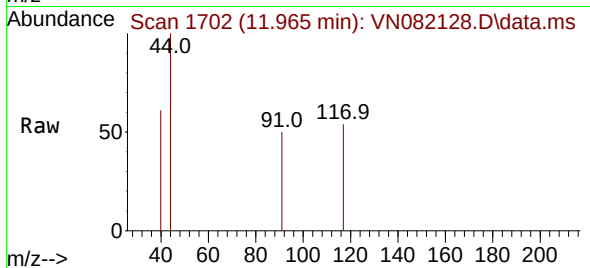
IBLK

Tgt Ion: 91 Resp: 265

Ion Ratio Lower Upper

91 100

106 0.0 25.3 37.9#



#70

Styrene

Concen: 0.023 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

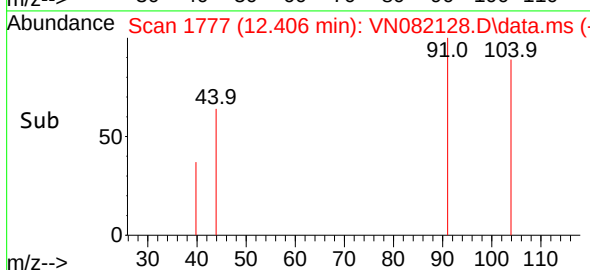
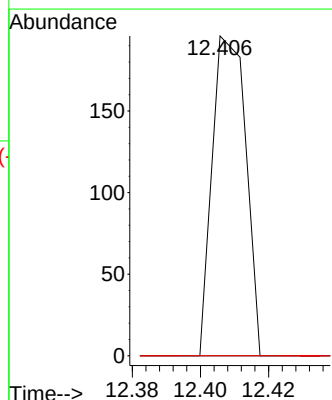
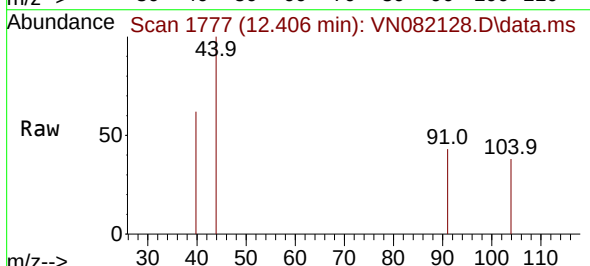
Tgt Ion: 104 Resp: 134

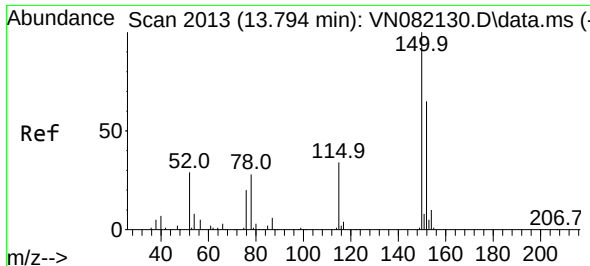
Ion Ratio Lower Upper

104 100

78 0.0 38.6 58.0#

103 0.0 43.8 65.6#

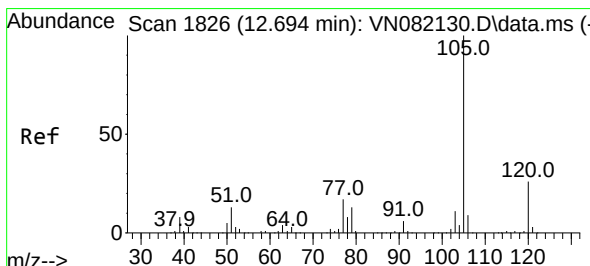
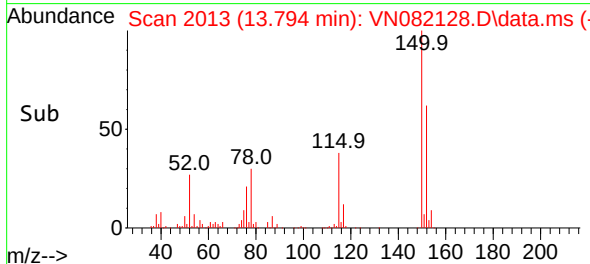
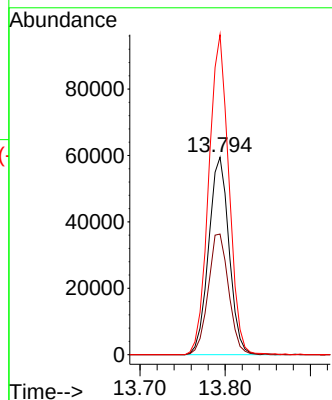
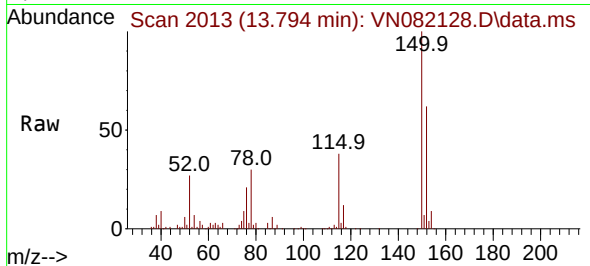




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

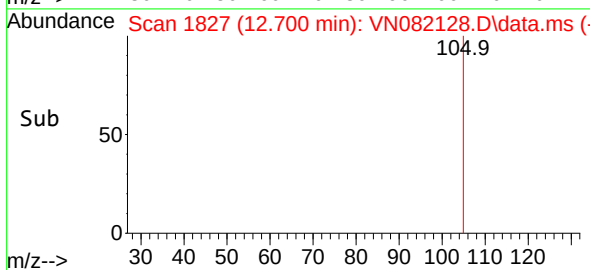
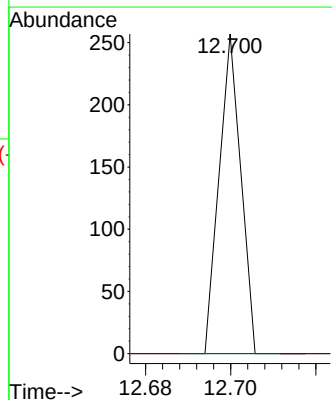
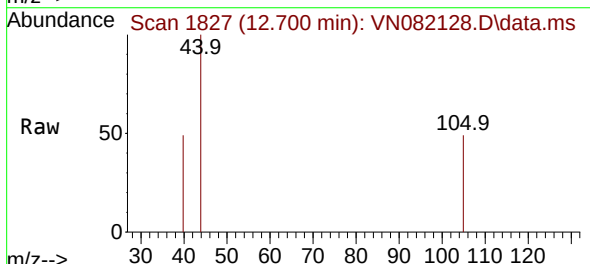
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

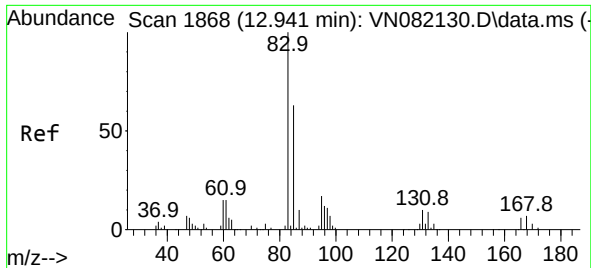
Tgt Ion:152 Resp: 99154  
Ion Ratio Lower Upper  
152 100  
115 61.3 30.4 91.3  
150 159.5 0.0 353.2



#73  
Isopropylbenzene  
Concen: 0.012 ug/l  
RT: 12.700 min Scan# 1827  
Delta R.T. 0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion:105 Resp: 91  
Ion Ratio Lower Upper  
105 100  
120 0.0 13.4 40.1#

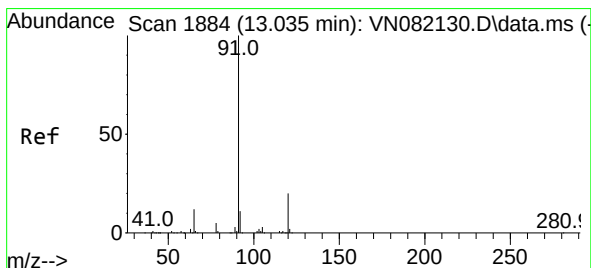
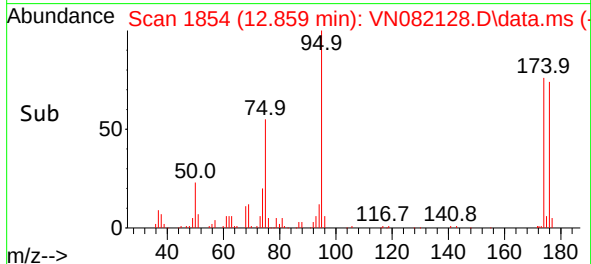
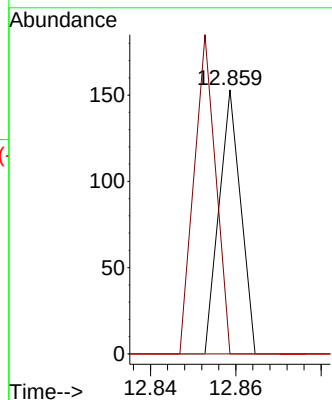
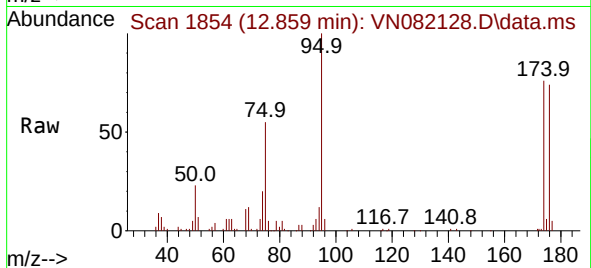




#75  
1,1,2-Tetrachloroethane  
Concen: 0.024 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. -0.082 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

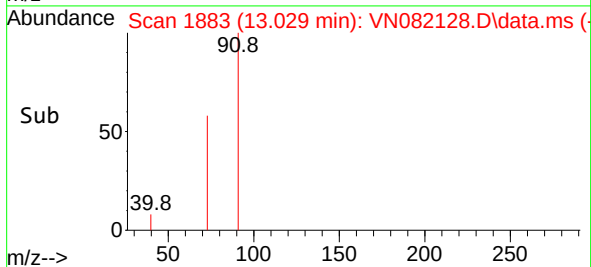
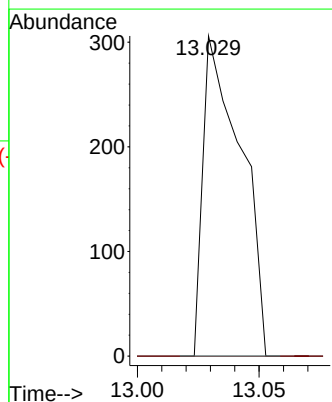
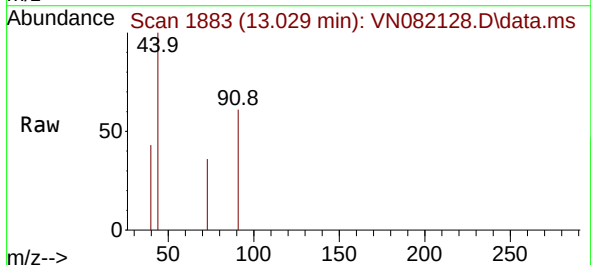
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion: 83 Resp: 54  
Ion Ratio Lower Upper  
83 100  
131 120.4 5.5 16.4#  
85 0.0 32.9 98.6#

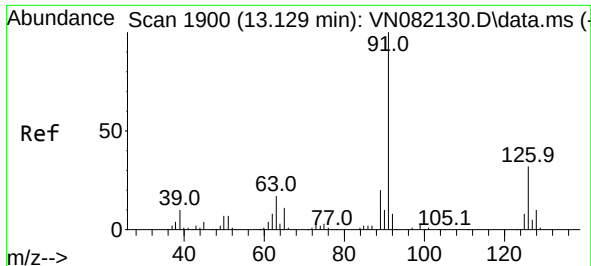


#78  
n-propylbenzene  
Concen: 0.035 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 91 Resp: 330  
Ion Ratio Lower Upper  
91 100  
120 0.0 11.7 35.0#



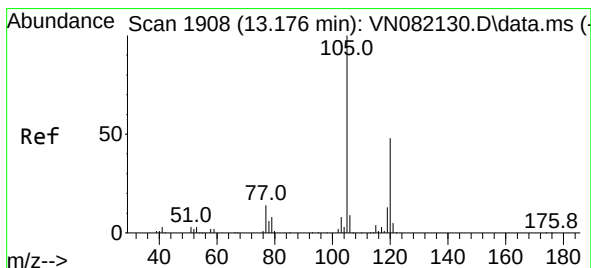
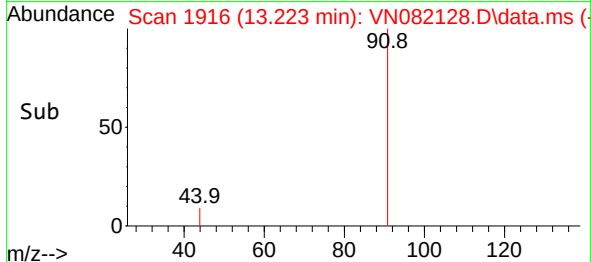
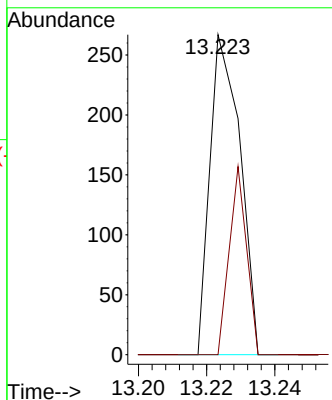
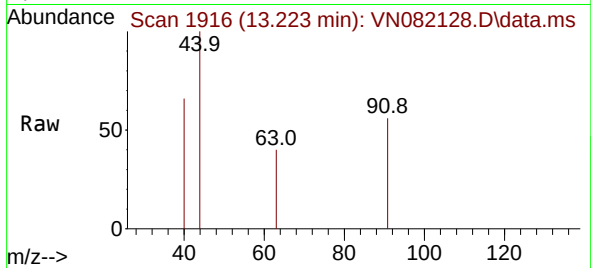




#79  
 2-Chlorotoluene  
 Concen: 0.028 ug/l  
 RT: 13.223 min Scan# 1916  
 Delta R.T. 0.094 min  
 Lab File: VN082128.D  
 Acq: 15 May 2024 13:01

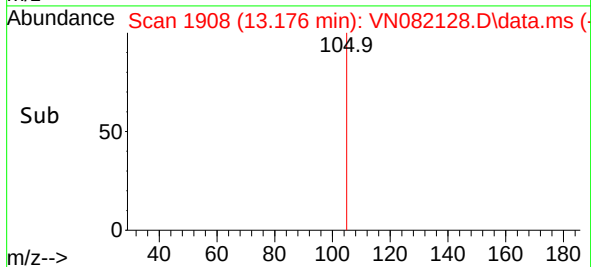
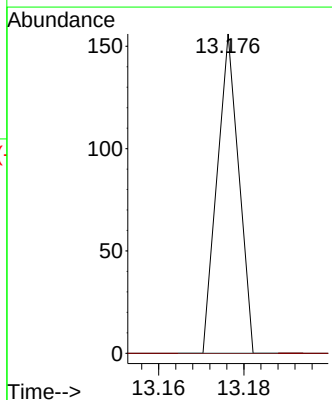
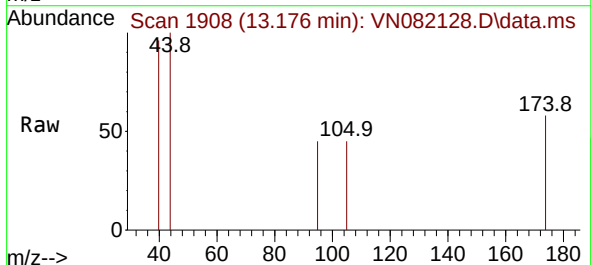
Instrument :  
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 ClientSampleId :  
 IBLK

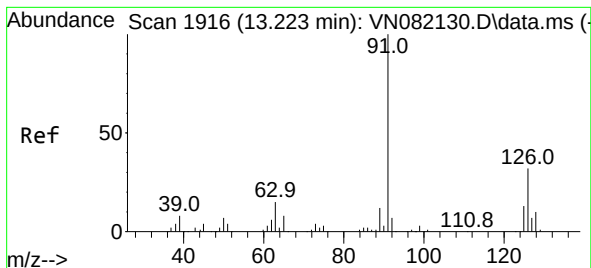
Tgt Ion: 91 Resp: 164  
 Ion Ratio Lower Upper  
 91 100  
 126 33.5 17.5 52.5



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.009 ug/l  
 RT: 13.176 min Scan# 1908  
 Delta R.T. -0.000 min  
 Lab File: VN082128.D  
 Acq: 15 May 2024 13:01

Tgt Ion: 105 Resp: 55  
 Ion Ratio Lower Upper  
 105 100  
 120 0.0 24.8 74.3#

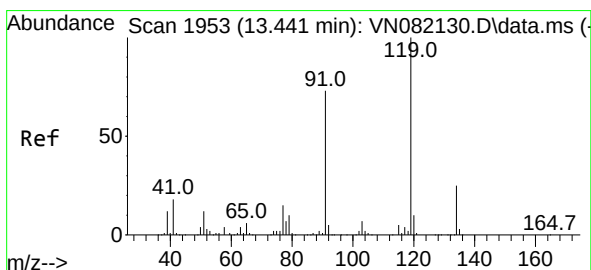
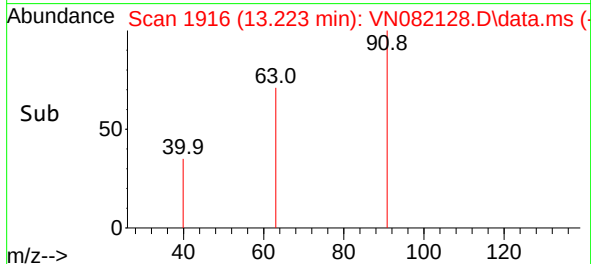
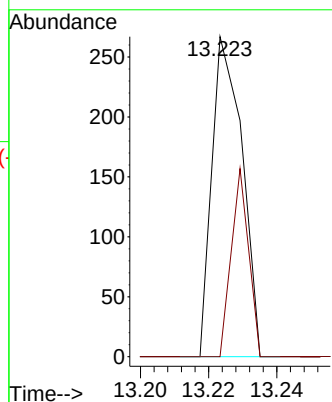
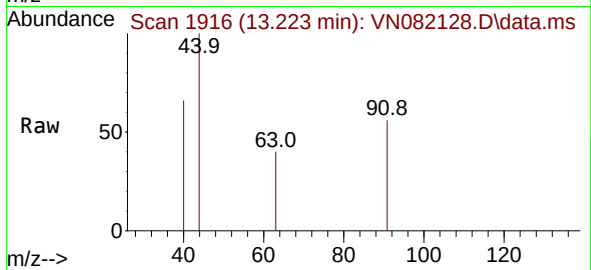




#82  
4-Chlorotoluene  
Concen: 0.029 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

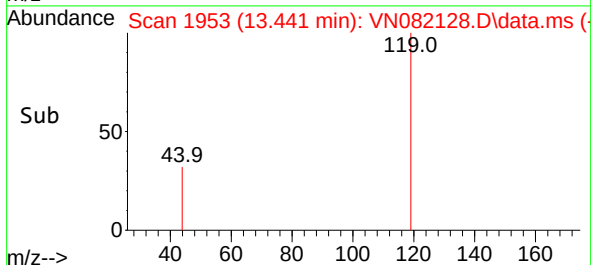
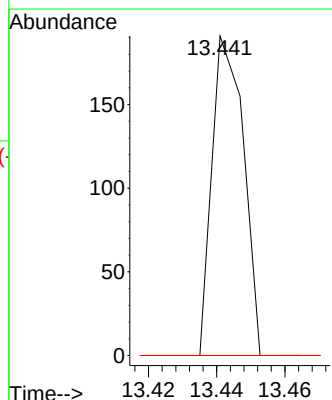
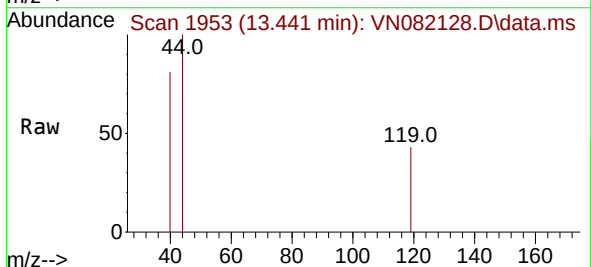
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

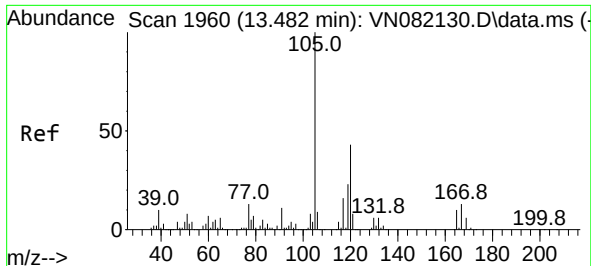
Tgt Ion: 91 Resp: 164  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.4 52.3



#83  
tert-Butylbenzene  
Concen: 0.022 ug/l  
RT: 13.441 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 119 Resp: 122  
Ion Ratio Lower Upper  
119 100  
91 0.0 32.6 97.8#  
134 0.0 12.4 37.0#

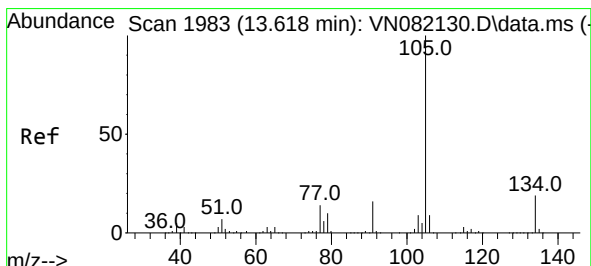
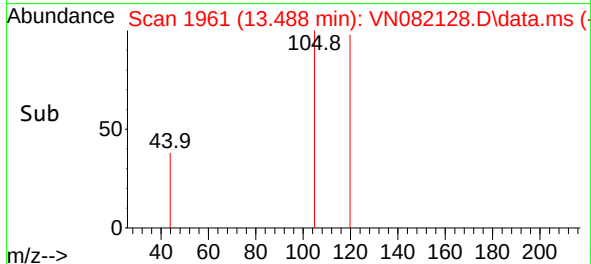
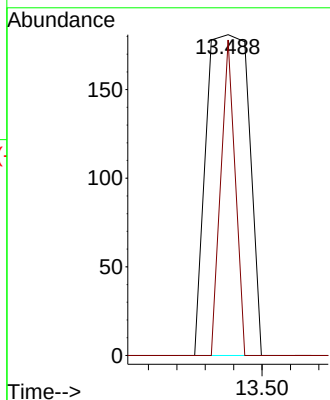
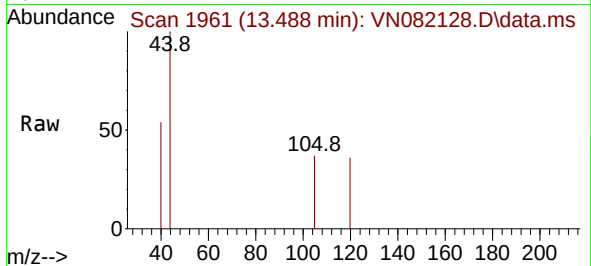




#84  
1,2,4-Trimethylbenzene  
Concen: 0.029 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. 0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

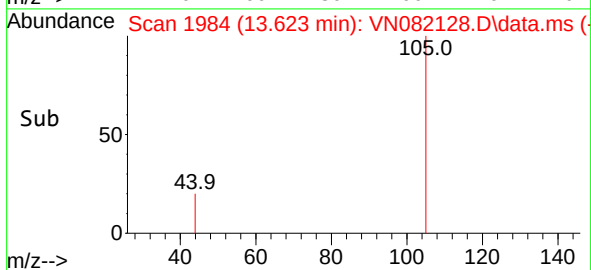
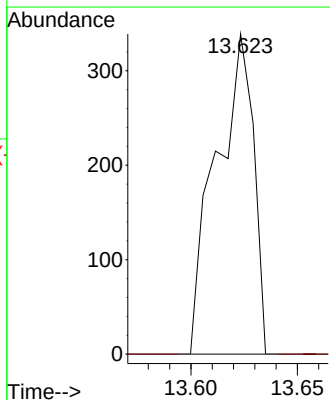
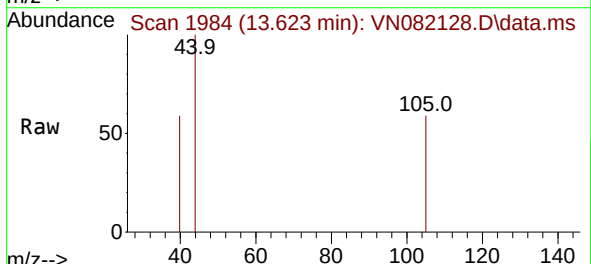
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

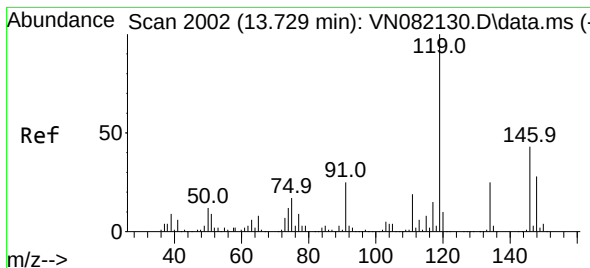
Tgt Ion:105 Resp: 189  
Ion Ratio Lower Upper  
105 100  
120 33.3 22.9 68.7



#85  
sec-Butylbenzene  
Concen: 0.054 ug/l  
RT: 13.623 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion:105 Resp: 414  
Ion Ratio Lower Upper  
105 100  
134 0.0 10.2 30.4#





#86

p-Isopropyltoluene

Concen: 0.031 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

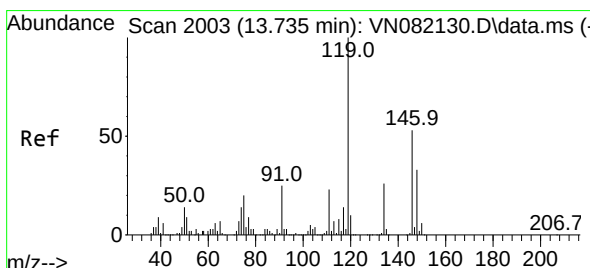
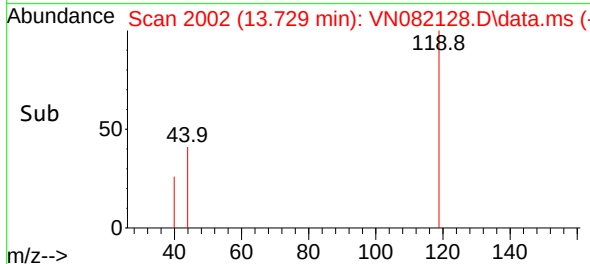
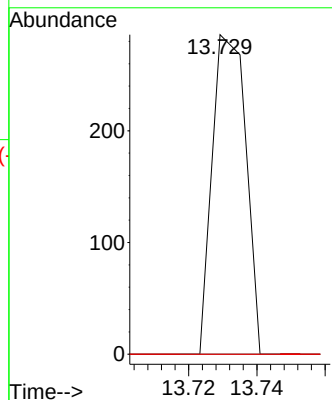
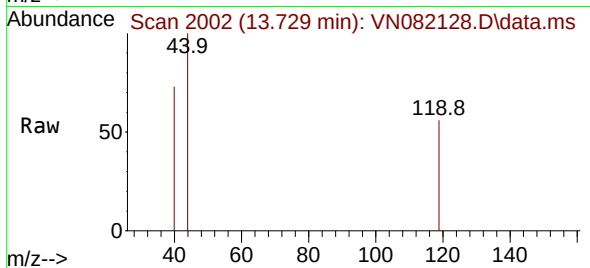
Tgt Ion:119 Resp: 195

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 0.0 11.8 35.3#



#87

1,3-Dichlorobenzene

Concen: 0.017 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

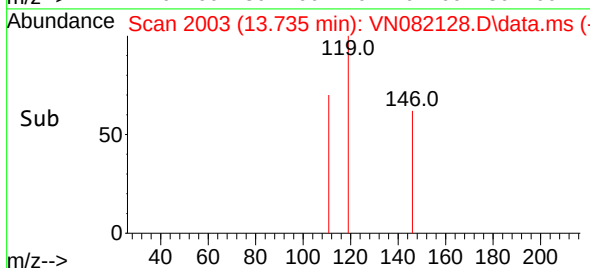
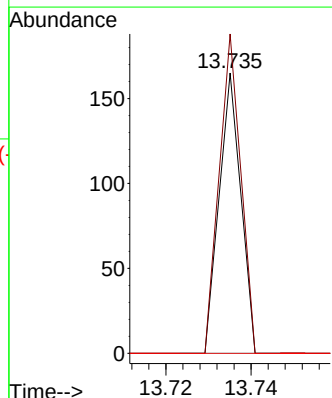
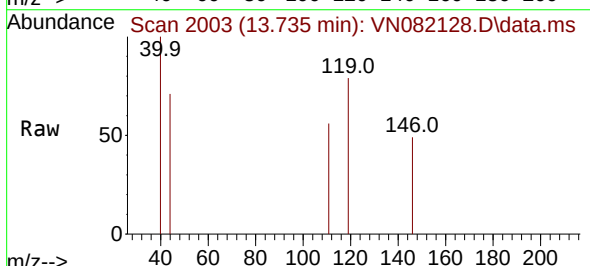
Tgt Ion:146 Resp: 58

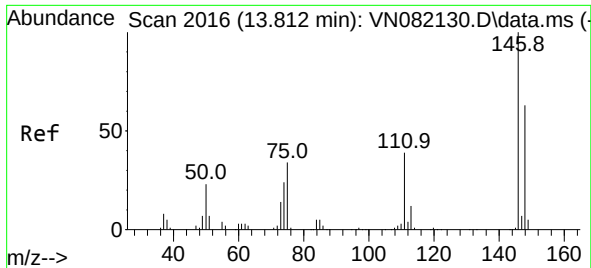
Ion Ratio Lower Upper

146 100

111 113.8 20.8 62.5#

148 0.0 32.1 96.3#

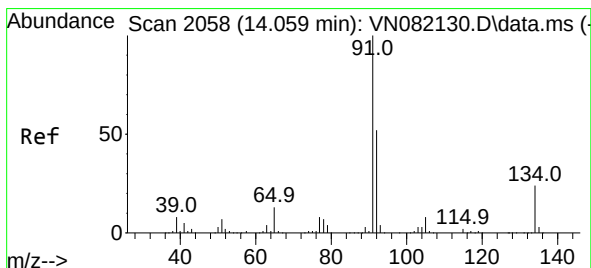
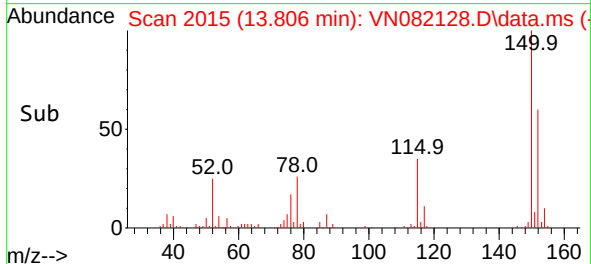
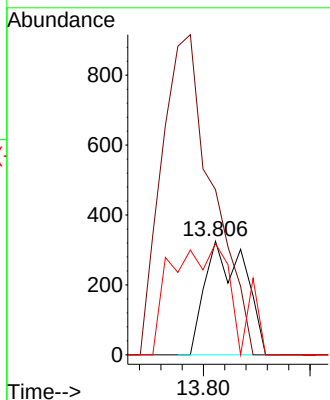
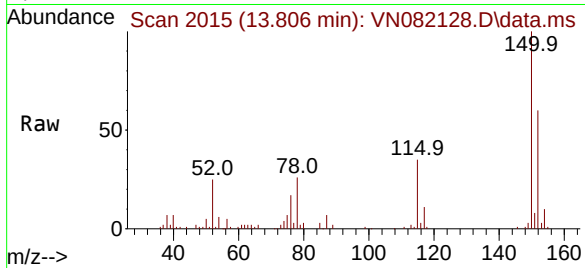




#88  
1,4-Dichlorobenzene  
Concen: 0.121 ug/l  
RT: 13.806 min Scan# 2016  
Delta R.T. -0.006 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

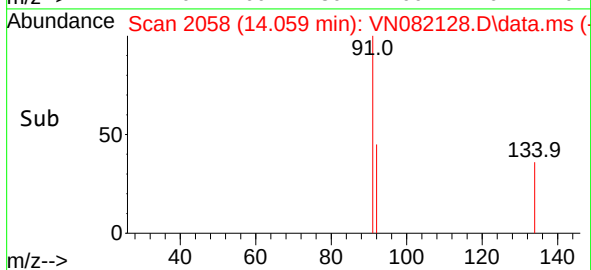
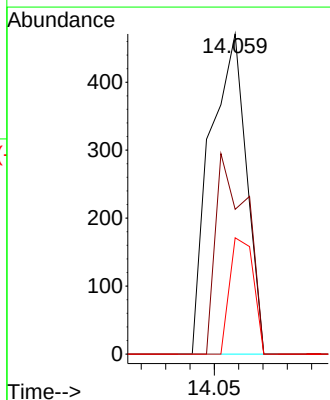
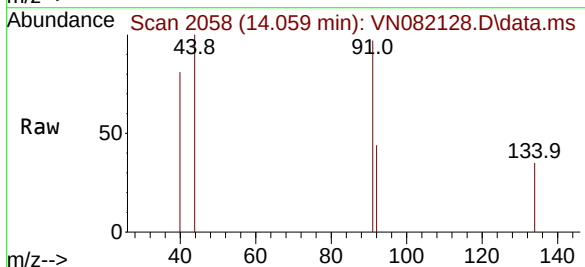
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

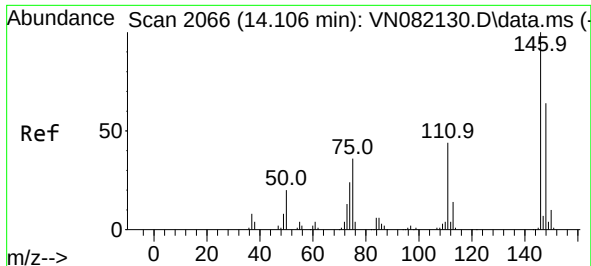
Tgt Ion:146 Resp: 419  
Ion Ratio Lower Upper  
146 100  
111 362.8 19.3 57.9#  
148 156.1 31.3 93.9#



#89  
n-Butylbenzene  
Concen: 0.086 ug/l  
RT: 14.059 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion: 91 Resp: 485  
Ion Ratio Lower Upper  
91 100  
92 53.8 26.2 78.5  
134 23.9 13.2 39.5





#91

1,2-Dichlorobenzene

Concen: 0.021 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

Instrument :

MSVOA\_N

ClientSampleId :

IBLK

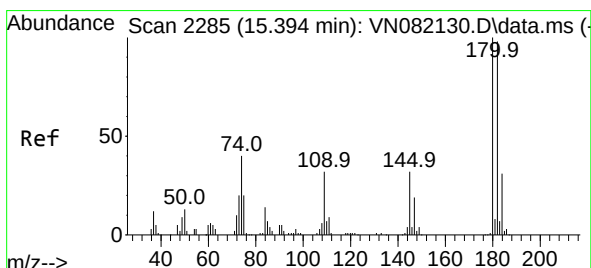
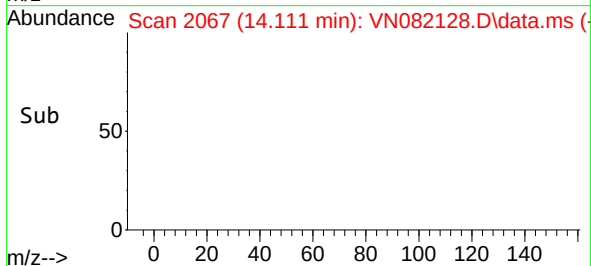
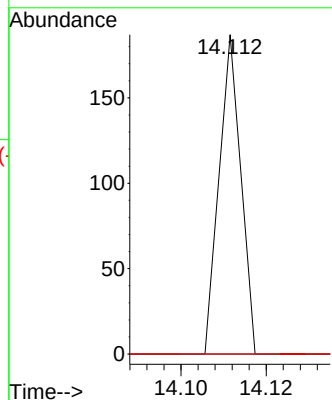
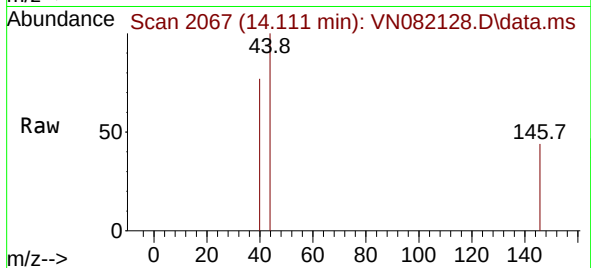
Tgt Ion:146 Resp: 66

Ion Ratio Lower Upper

146 100

111 0.0 21.3 64.0#

148 0.0 31.8 95.4#



#93

1,2,4-Trichlorobenzene

Concen: 0.130 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. 0.006 min

Lab File: VN082128.D

Acq: 15 May 2024 13:01

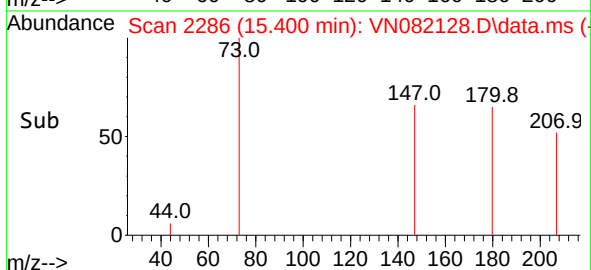
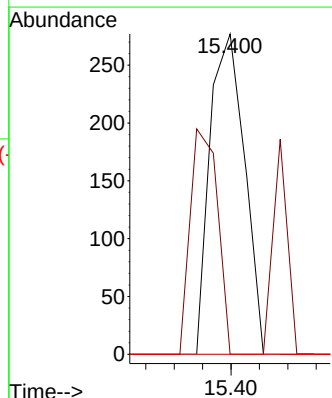
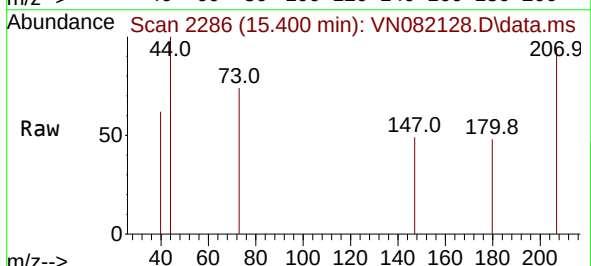
Tgt Ion:180 Resp: 234

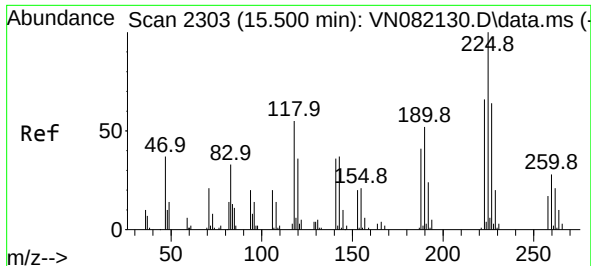
Ion Ratio Lower Upper

180 100

182 55.6 46.7 140.0

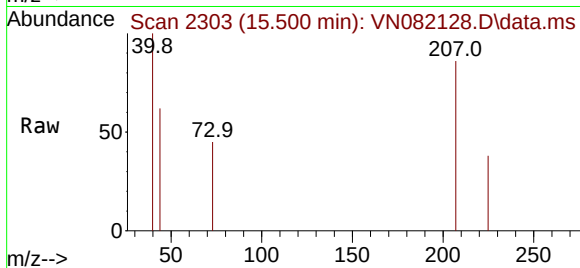
145 0.0 16.2 48.6#



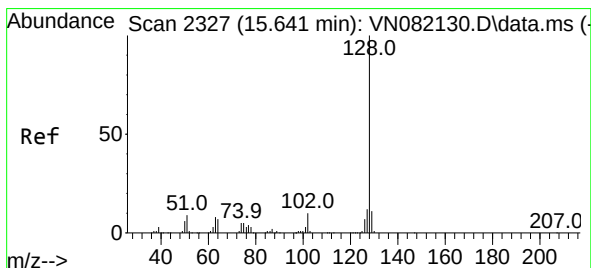
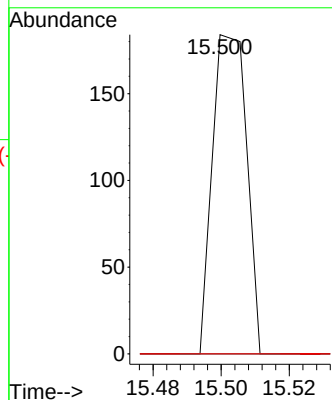
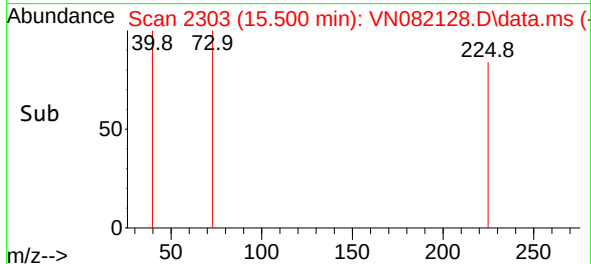


#94  
Hexachlorobutadiene  
Concen: 0.162 ug/l  
RT: 15.500 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

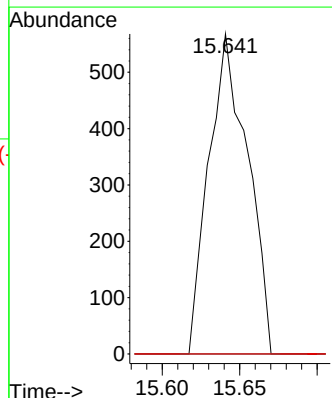
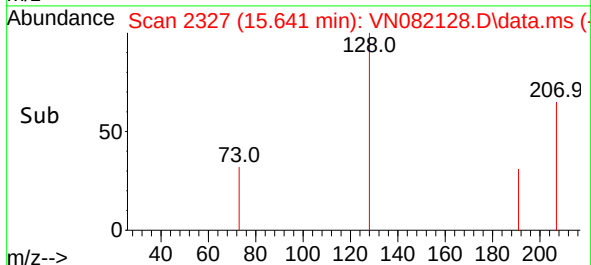
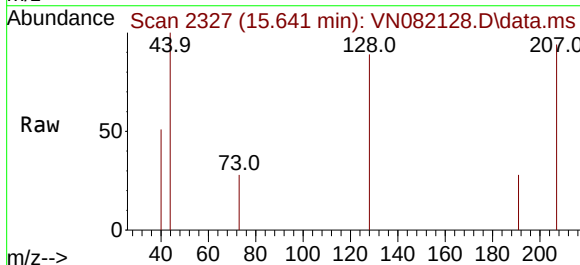


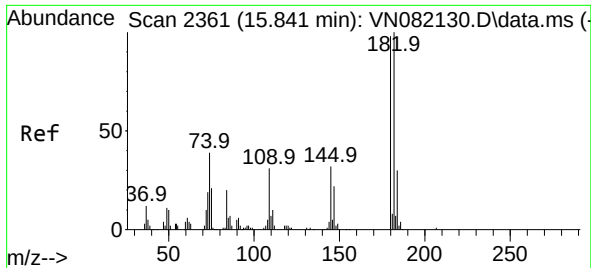
Tgt Ion:225 Resp: 128  
Ion Ratio Lower Upper  
225 100  
223 0.0 31.1 93.2#  
227 0.0 30.6 91.6#



#95  
Naphthalene  
Concen: 0.175 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082128.D  
Acq: 15 May 2024 13:01

Tgt Ion:128 Resp: 991  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.1 15.1#  
129 0.0 8.9 13.3#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.126 ug/l  
 RT: 15.847 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN082128.D  
 Acq: 15 May 2024 13:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 81.9  | 46.0  | 137.8 |
| 145     | 0.0   | 17.1  | 51.3# |

