

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052324\  
 Data File : VN082321.D  
 Acq On : 23 May 2024 15:06  
 Operator : JC\MD  
 Sample : P2556-01  
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: May 24 04:19:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 16 05:21:06 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 8.223  | 168   | 170157   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100  | 114   | 301004   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.870 | 117   | 282385   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794 | 152   | 154232   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.576  | 65    | 135934   | 50.593   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 101.180% |          |
| 35) Dibromofluoromethane      | 8.165  | 113   | 94994    | 51.303   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 102.600% |          |
| 50) Toluene-d8                | 10.570 | 98    | 381351   | 53.719   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 107.440% |          |
| 62) 4-Bromofluorobenzene      | 12.853 | 95    | 151148   | 59.652   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 64 - 133 | Recovery | = 119.300% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 6) Chloroethane               | 3.036  | 64    | 356      | 0.209    | ug/l #     | 44       |
| 11) Tert butyl alcohol        | 5.471  | 59    | 237      | 0.550    | ug/l #     | 71       |
| 16) Acetone                   | 4.453  | 43    | 1412     | 1.281    | ug/l #     | 43       |
| 18) Methyl Acetate            | 5.041  | 43    | 1676     | 0.611    | ug/l #     | 47       |
| 20) Methylene Chloride        | 5.247  | 84    | 3661     | 1.646    | ug/l #     | 73       |
| 25) 2-Butanone                | 7.488  | 43    | 1583     | 0.947    | ug/l #     | 43       |
| 29) Tetrahydrofuran           | 7.847  | 42    | 614      | 0.572    | ug/l #     | 29       |
| 31) Cyclohexane               | 8.212  | 56    | 16909    | 3.940    | ug/l #     | 66       |
| 36) 1,1-Dichloropropene       | 8.218  | 75    | 15582    | 5.018    | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 8.223  | 117   | 18692    | 5.938    | ug/l #     | 15       |
| 39) Methylcyclohexane         | 9.600  | 83    | 2372     | 0.697    | ug/l       | 94       |
| 43) Isopropyl Acetate         | 8.694  | 43    | 19967    | 3.242    | ug/l #     | 52       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43    | 11158    | 0.331    | ug/l #     | 34       |
| 52) Toluene                   | 10.629 | 92    | 111981   | 20.150   | ug/l       | 96       |
| 53) t-1,3-Dichloropropene     | 10.635 | 75    | 1601     | 0.467    | ug/l #     | 1        |
| 55) 1,1,2-Trichloroethane     | 11.006 | 97    | 1364     | 0.675    | ug/l #     | 14       |
| 59) 2-Hexanone                | 11.176 | 43    | 17340    | 6.768    | ug/l #     | 23       |
| 67) Ethyl Benzene             | 11.970 | 91    | 25150    | 2.254    | ug/l       | 94       |
| 68) m/p-Xylenes               | 12.070 | 106   | 28590    | 6.990    | ug/l       | 91       |
| 69) o-Xylene                  | 12.400 | 106   | 15556    | 3.926    | ug/l       | 79       |
| 70) Styrene                   | 12.411 | 104   | 3623     | 0.551    | ug/l #     | 11       |
| 71) Bromoform                 | 12.582 | 173   | 63       | 0.739    | ug/l #     | 28       |
| 73) Isopropylbenzene          | 12.694 | 105   | 4312     | 0.352    | ug/l       | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83    | 1059     | 0.300    | ug/l #     | 74       |
| 76) 1,2,3-Trichloropropane    | 12.853 | 75    | 89351    | 27.525   | ug/l #     | 1        |
| 78) n-propylbenzene           | 13.035 | 91    | 10625    | 0.732    | ug/l       | 84       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105   | 28464    | 2.873    | ug/l       | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.853 | 75    | 89351    | 64.379   | ug/l #     | 13       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105   | 98151    | 9.683    | ug/l       | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105   | 7115     | 0.592    | ug/l #     | 74       |
| 86) p-Isopropyltoluene        | 13.735 | 119   | 11180    | 1.145    | ug/l       | 92       |
| 89) n-Butylbenzene            | 14.058 | 91    | 11144    | 1.270    | ug/l #     | 64       |
| 90) Hexachloroethane          | 14.335 | 117   | 4599     | 2.542    | ug/l #     | 17       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.735 | 75    | 295      | 0.407    | ug/l       | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180   | 656      | 0.234    | ug/l #     | 1        |
| 95) Naphthalene               | 15.647 | 128   | 83641    | 9.509    | ug/l #     | 96       |

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: May 24 04:19:11 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051524W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 16 05:21:06 2024  
Response via : Initial Calibration

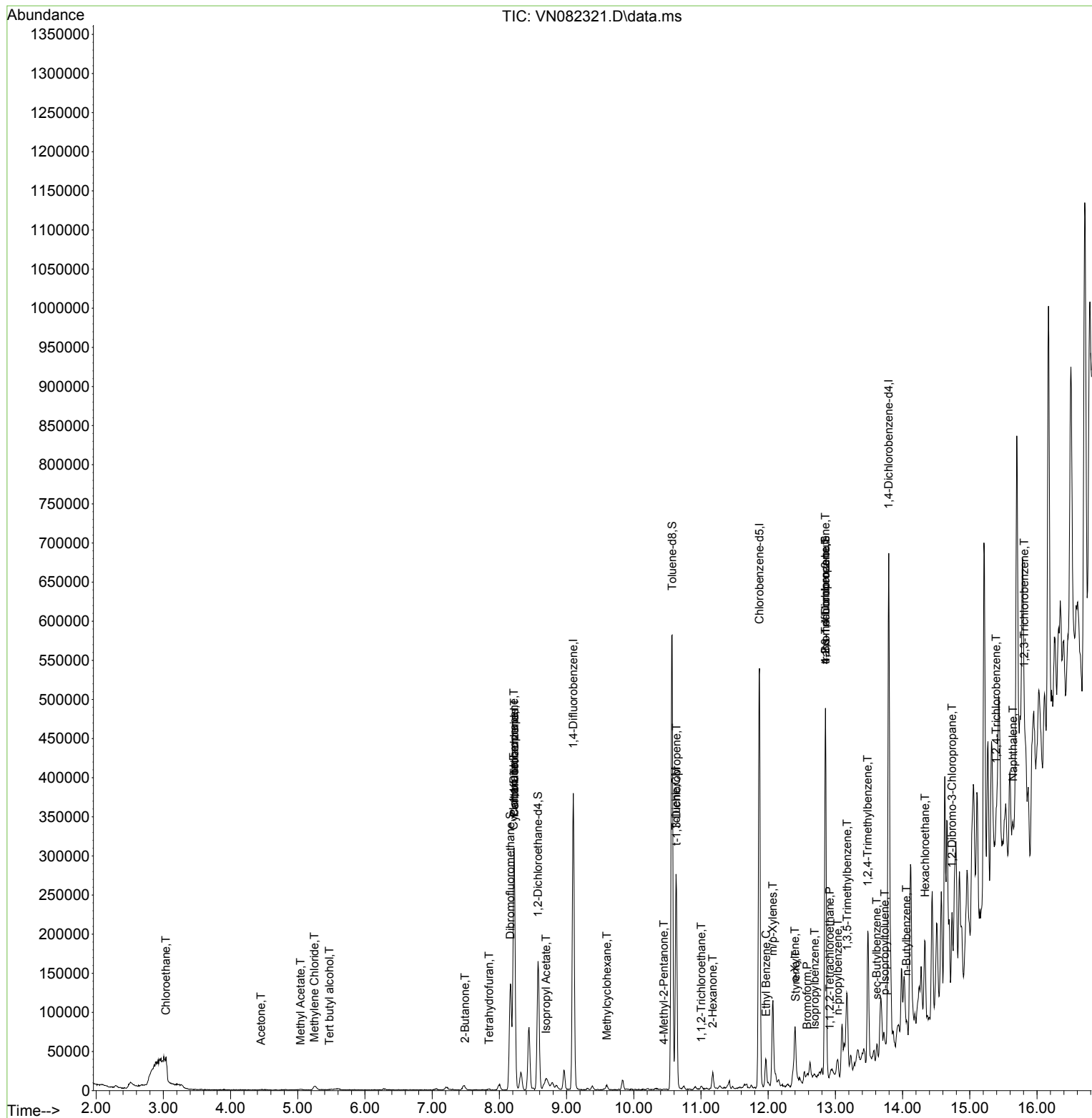
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.811 | 180  | 5825     | 2.073 | ug/l  | # 18     |

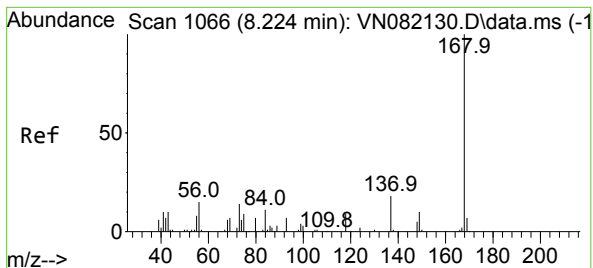
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.223 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

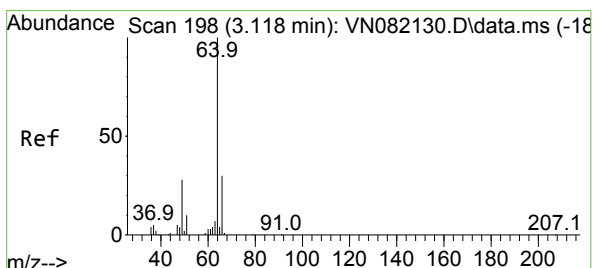
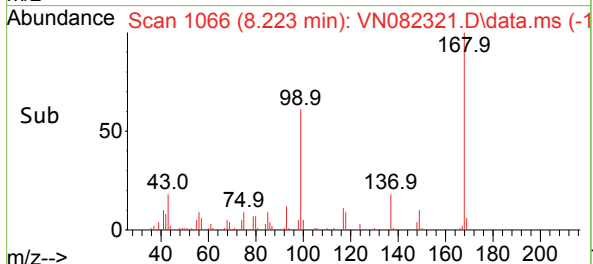
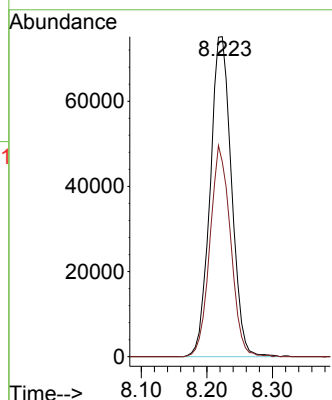
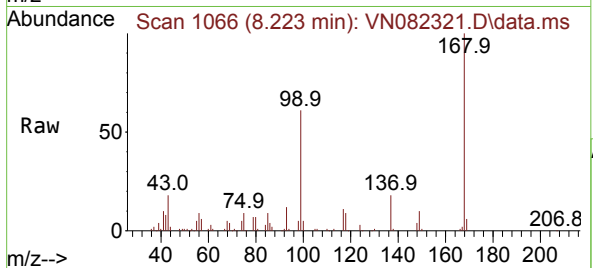
ClientSampleId :

Tgt Ion:168 Resp: 170157

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



#6

Chloroethane

Concen: 0.209 ug/l

RT: 3.036 min Scan# 184

Delta R.T. -0.083 min

Lab File: VN082321.D

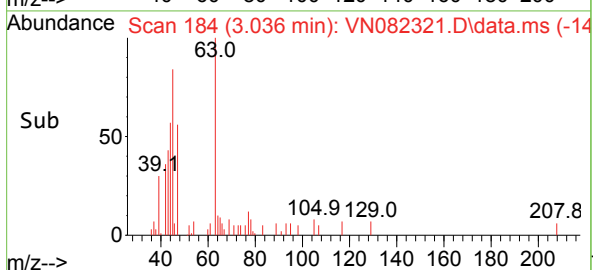
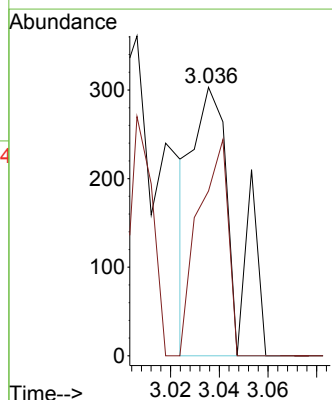
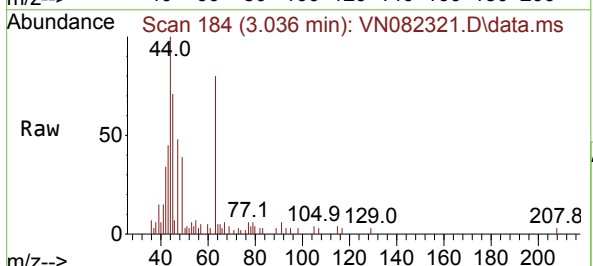
Acq: 23 May 2024 15:06

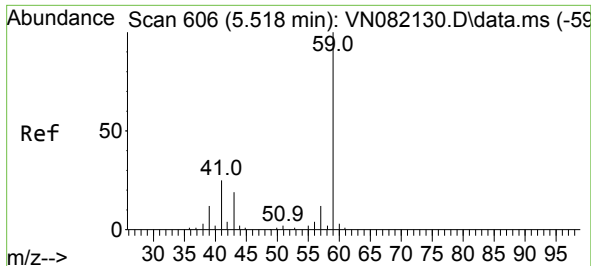
Tgt Ion: 64 Resp: 356

Ion Ratio Lower Upper

64 100

66 61.4 24.7 37.1#





#11

Tert butyl alcohol

Concen: 0.550 ug/l

RT: 5.471 min Scan# 59

Delta R.T. -0.047 min

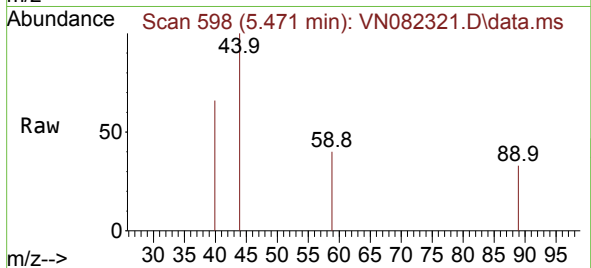
Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

ClientSampleId :

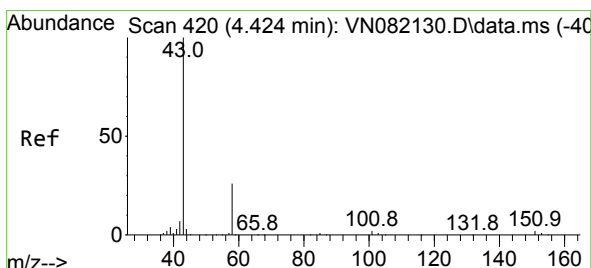
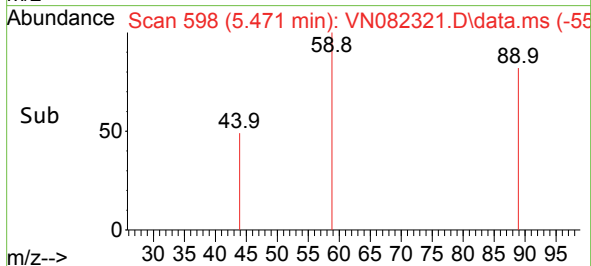
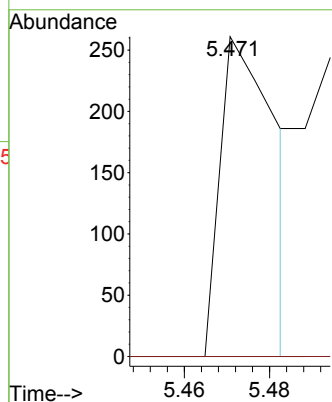


Tgt Ion: 59 Resp: 237

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 1.281 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.029 min

Lab File: VN082321.D

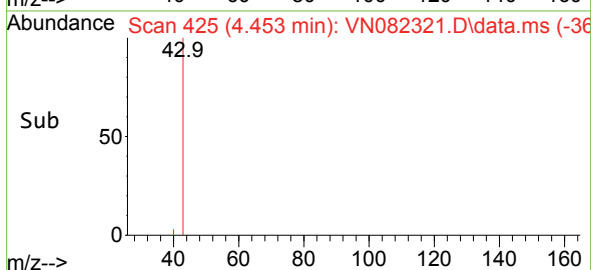
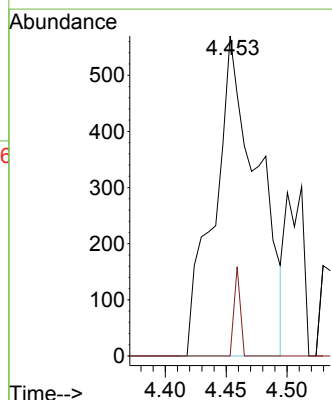
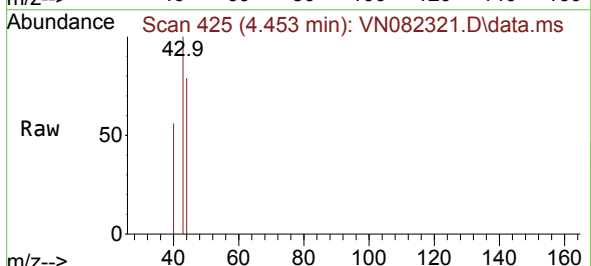
Acq: 23 May 2024 15:06

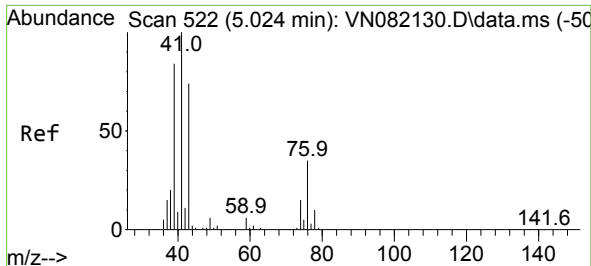
Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

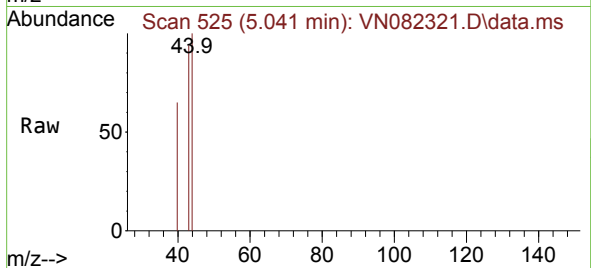
58 0.0 25.2 37.8#



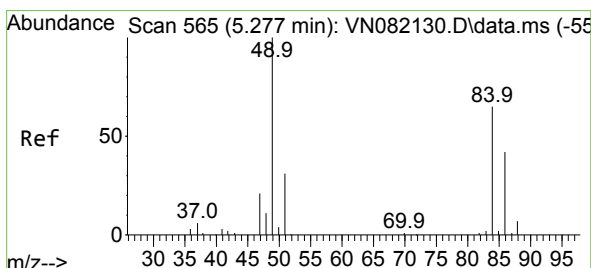
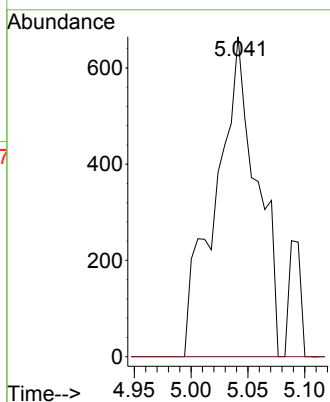
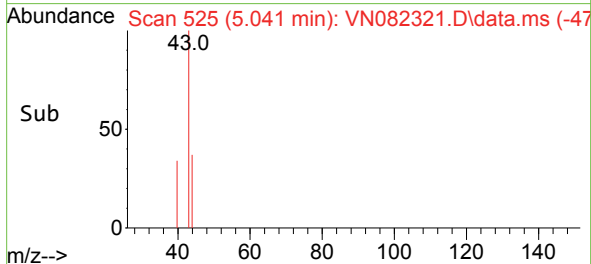


#18  
Methyl Acetate  
Concen: 0.611 ug/l  
RT: 5.041 min Scan# 51  
Delta R.T. 0.017 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Instrument :  
MSVOA\_N  
ClientSampleId :

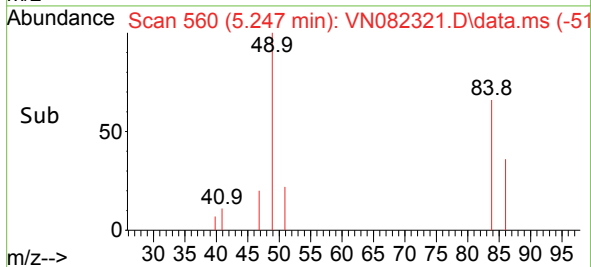
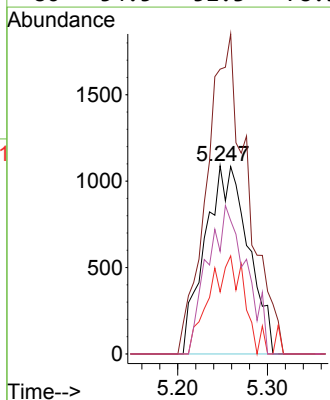
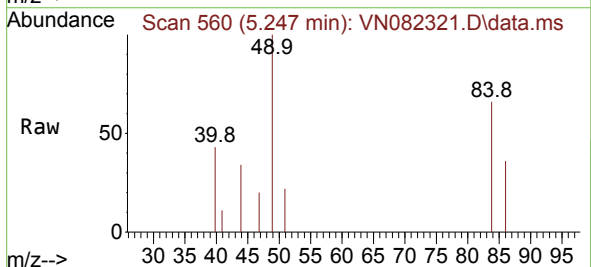


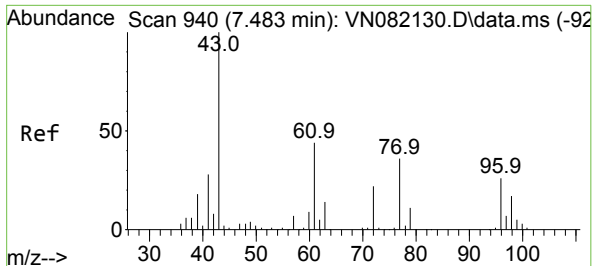
Tgt Ion: 43 Resp: 1676  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.2 33.2#



#20  
Methylene Chloride  
Concen: 1.646 ug/l  
RT: 5.247 min Scan# 560  
Delta R.T. -0.030 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion: 84 Resp: 3661  
Ion Ratio Lower Upper  
84 100  
49 151.3 84.9 127.3#  
51 33.0 27.0 40.6  
86 54.5 52.3 78.5

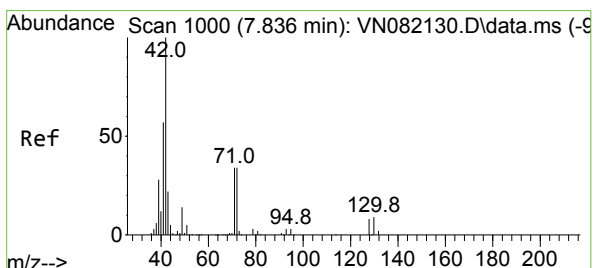
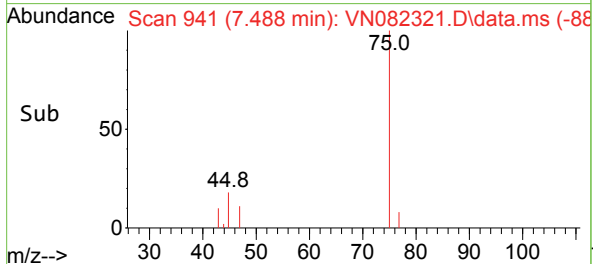
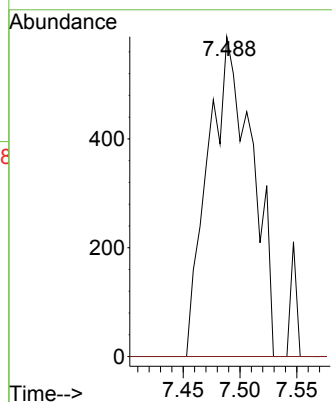
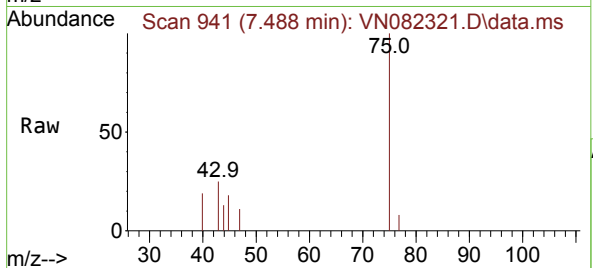




#25  
2-Butanone  
Concen: 0.947 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

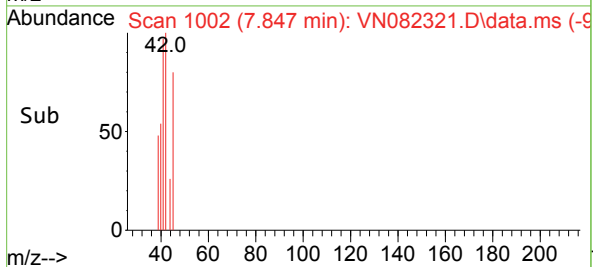
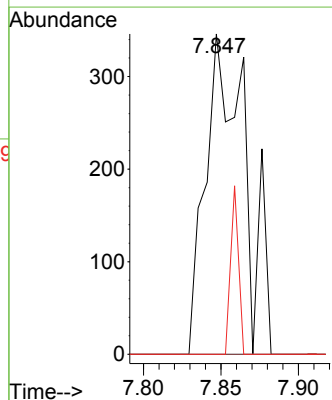
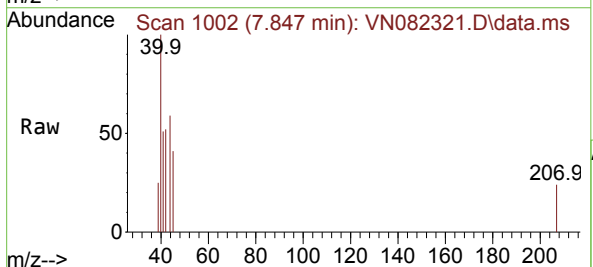
Instrument :  
MSVOA\_N  
ClientSampleId :

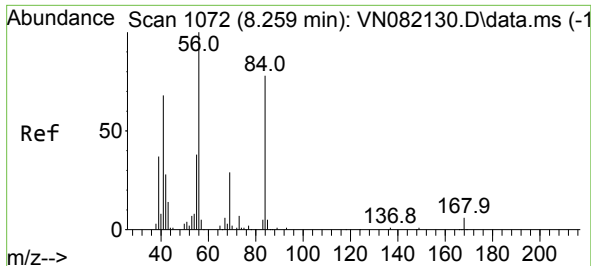
Tgt Ion: 43 Resp: 1583  
Ion Ratio Lower Upper  
43 100  
72 0.0 25.3 37.9#



#29  
Tetrahydrofuran  
Concen: 0.572 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.011 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

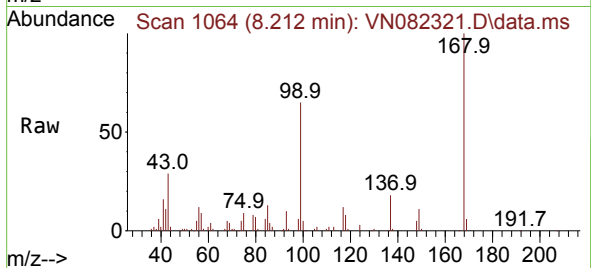
Tgt Ion: 42 Resp: 614  
Ion Ratio Lower Upper  
42 100  
72 0.0 39.3 58.9#  
71 0.0 37.4 56.0#



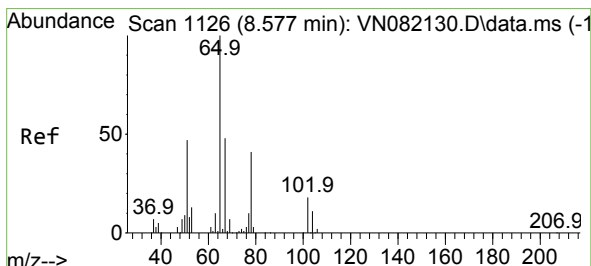
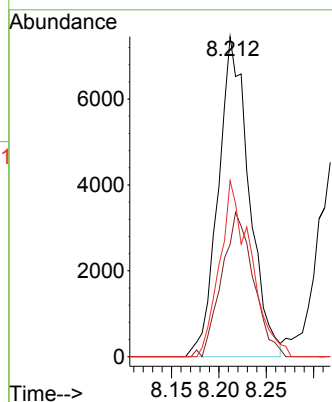
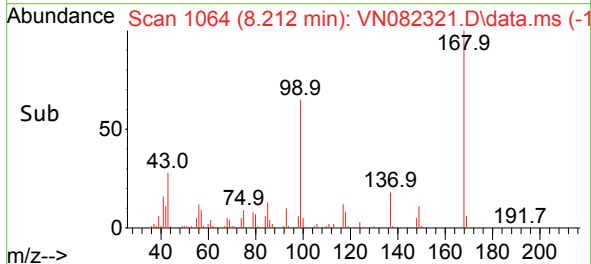


#31  
Cyclohexane  
Concen: 3.940 ug/l  
RT: 8.212 min Scan# 1064  
Delta R.T. -0.047 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Instrument :  
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ClientSampleId :

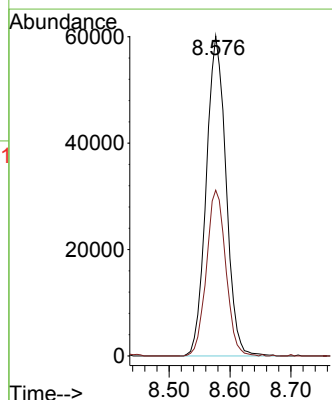
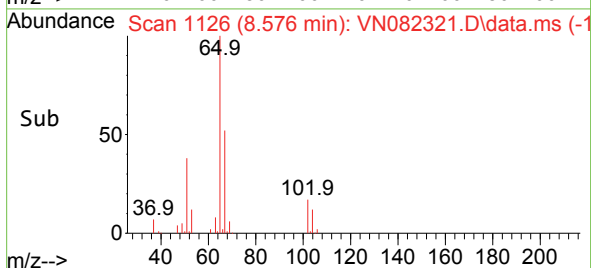
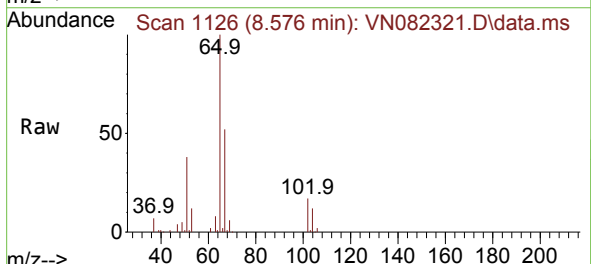


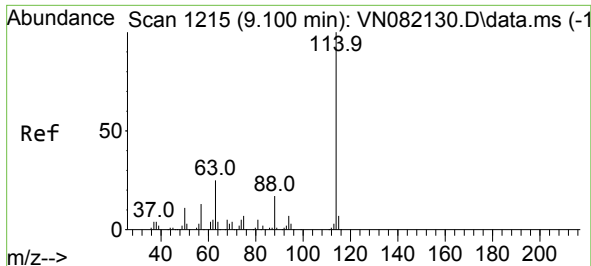
Tgt Ion: 56 Resp: 16909  
Ion Ratio Lower Upper  
56 100  
69 35.1 24.4 36.6  
84 55.0 77.0 115.4#



#33  
1,2-Dichloroethane-d4  
Concen: 50.593 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion: 65 Resp: 135934  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

ClientSampleId :

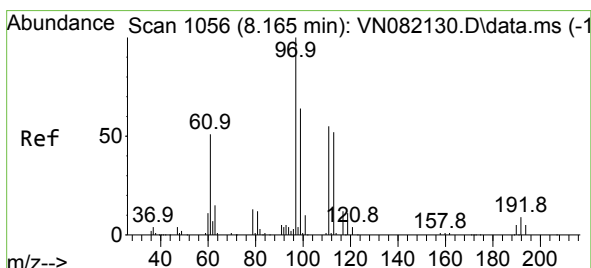
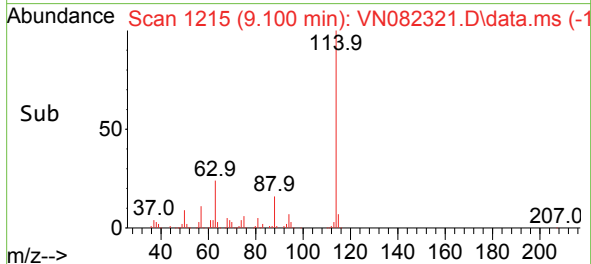
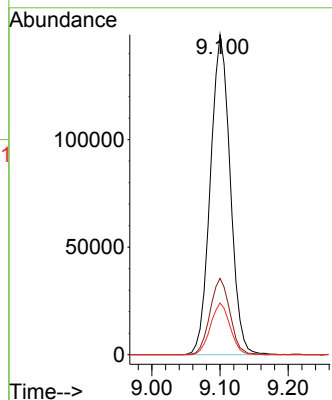
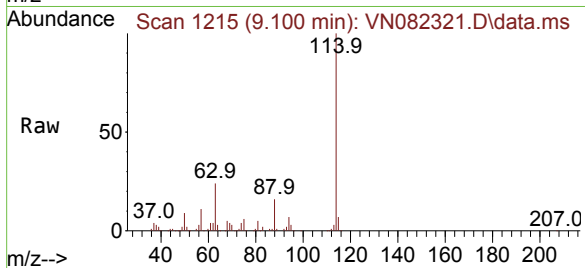
Tgt Ion:114 Resp: 301004

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.303 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

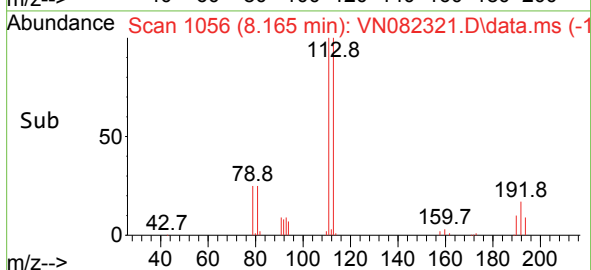
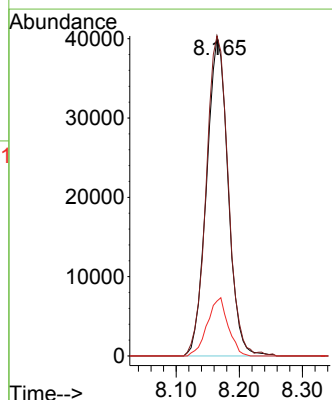
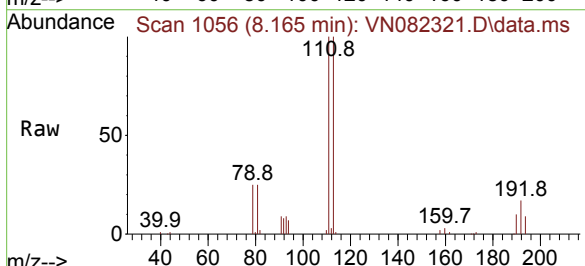
Tgt Ion:113 Resp: 94994

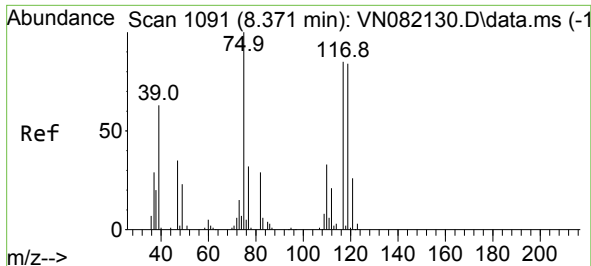
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 17.7 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.018 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

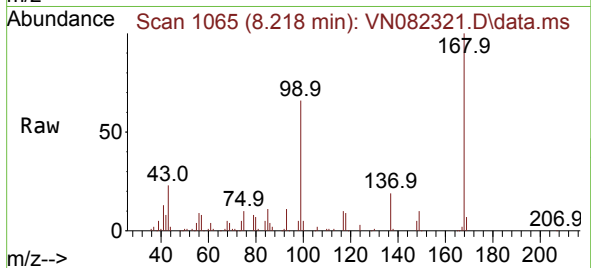
Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

ClientSampleId :



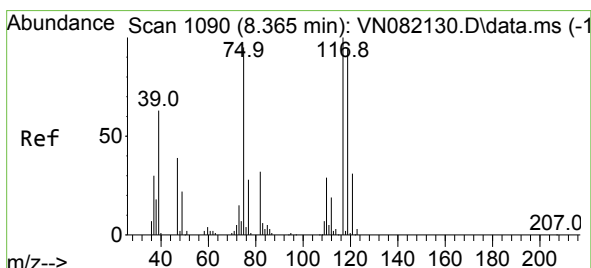
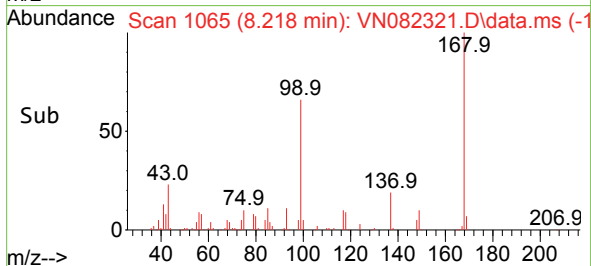
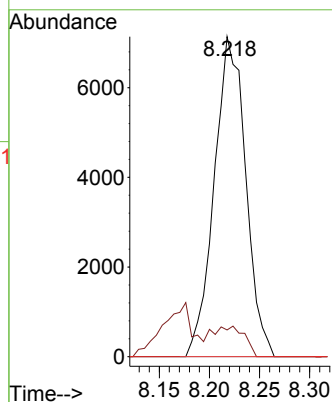
Tgt Ion: 75 Resp: 15582

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 8.223 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

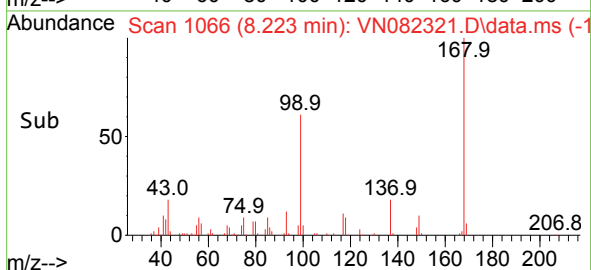
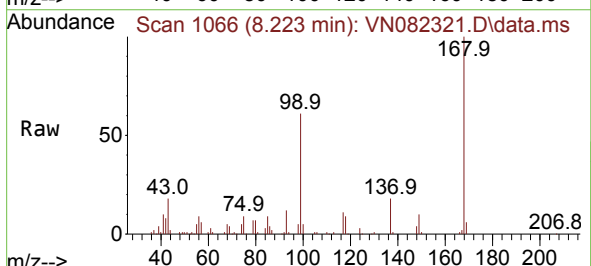
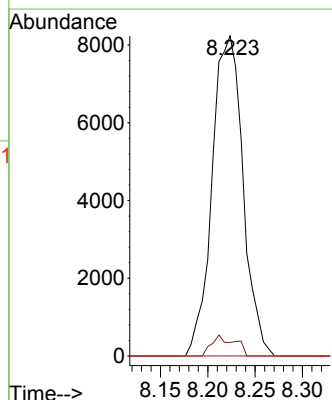
Tgt Ion: 117 Resp: 18692

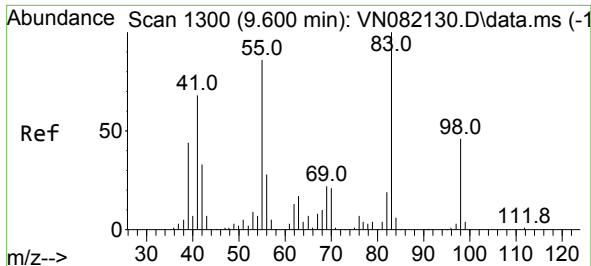
Ion Ratio Lower Upper

117 100

119 4.2 76.5 114.7#

121 0.0 23.9 35.9#





#39

Methylcyclohexane

Concen: 0.697 ug/l

RT: 9.600 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

ClientSampleId :

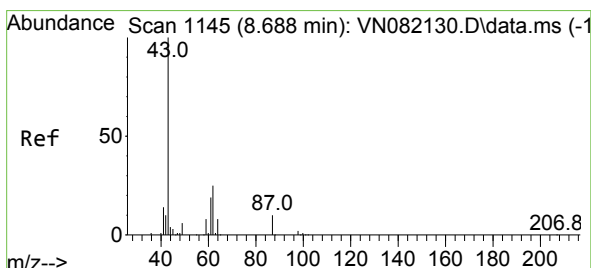
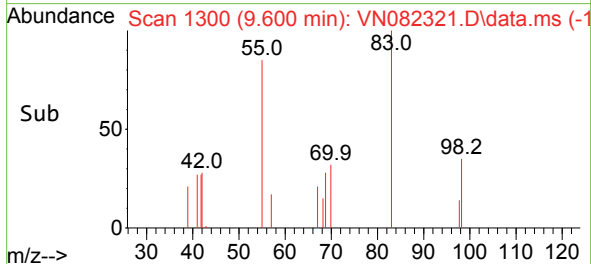
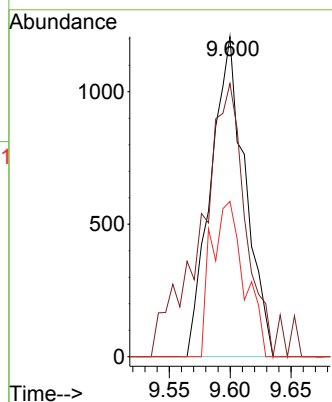
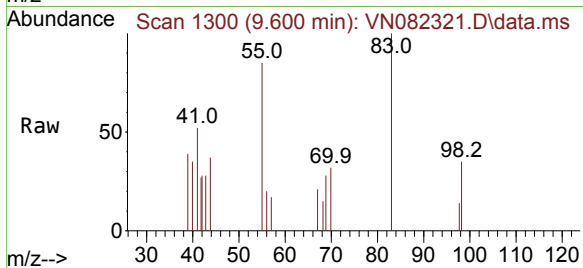
Tgt Ion: 83 Resp: 2372

Ion Ratio Lower Upper

83 100

55 72.3 53.0 79.6

98 48.5 37.1 55.7



#43

Isopropyl Acetate

Concen: 3.242 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

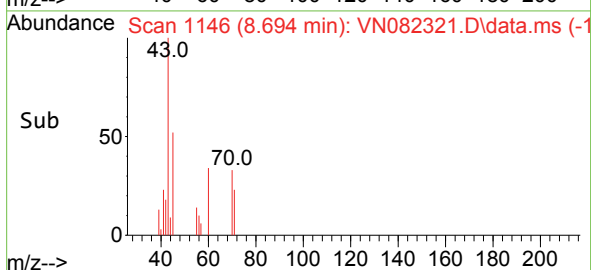
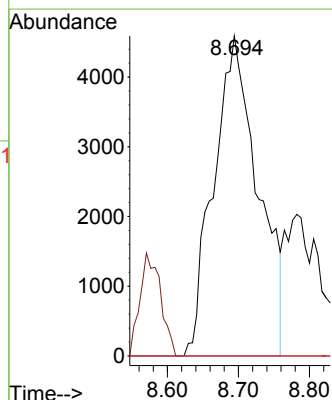
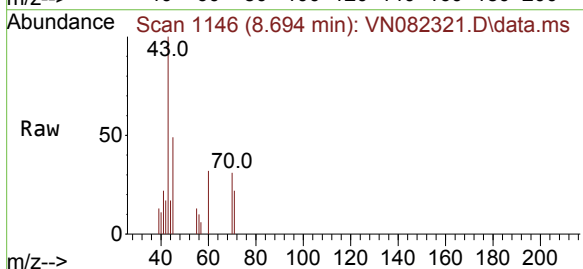
Tgt Ion: 43 Resp: 19967

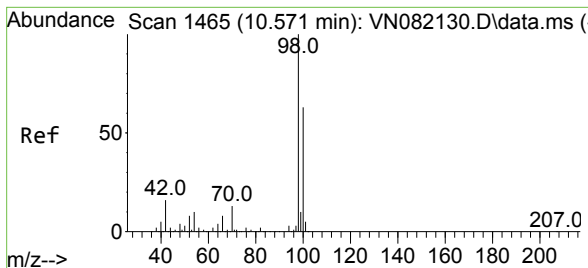
Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

87 0.0 12.0 18.0#

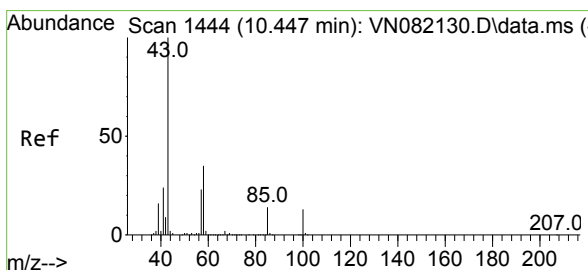
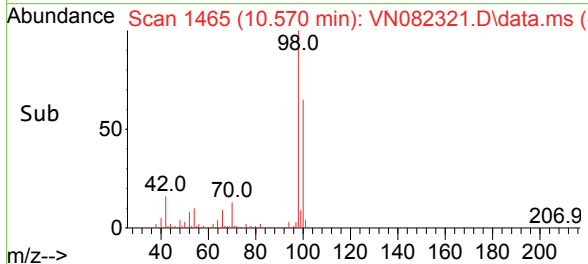
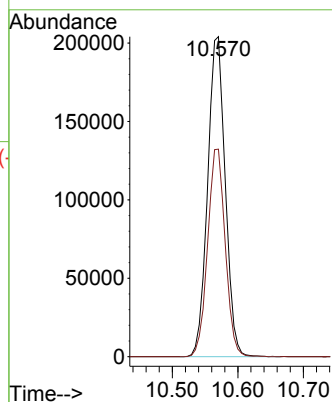
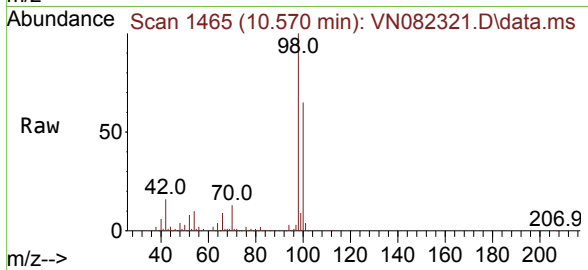




#50  
Toluene-d8  
Concen: 53.719 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

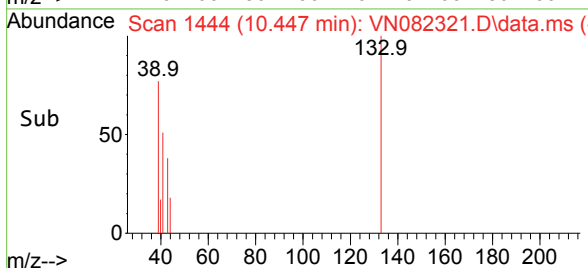
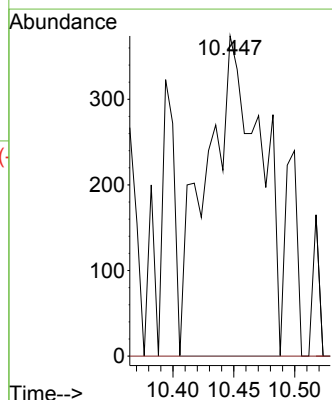
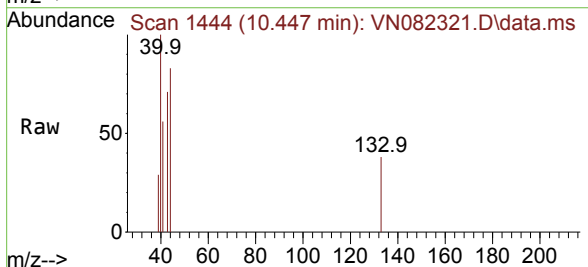
Instrument :  
MSVOA\_N  
ClientSampleId :

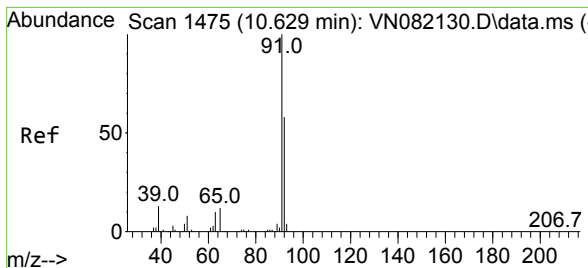
Tgt Ion: 98 Resp: 381351  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.331 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion: 43 Resp: 1158  
Ion Ratio Lower Upper  
43 100  
58 0.0 33.2 49.8#





#52

Toluene

Concen: 20.150 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

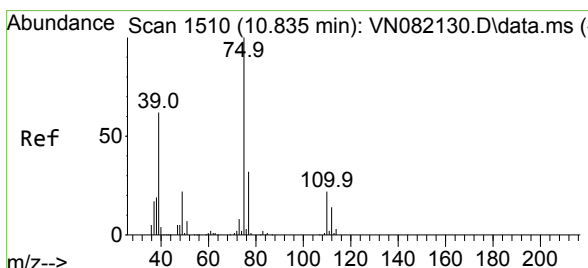
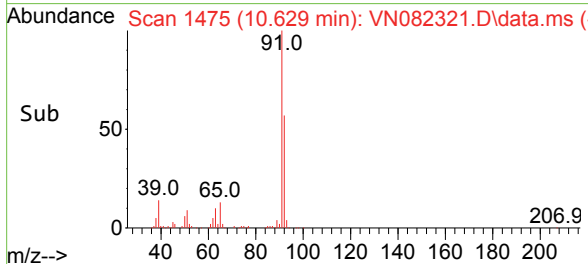
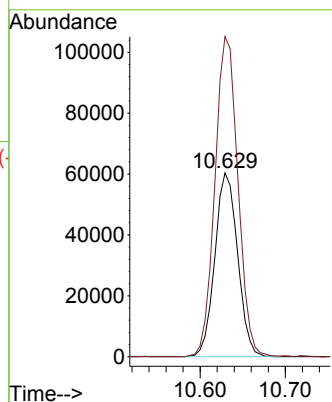
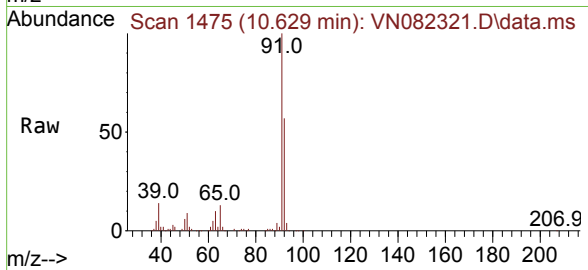
ClientSampleId :

Tgt Ion: 92 Resp: 111981

Ion Ratio Lower Upper

92 100

91 176.2 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 0.467 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. -0.200 min

Lab File: VN082321.D

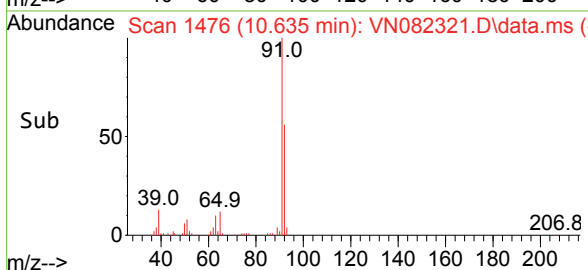
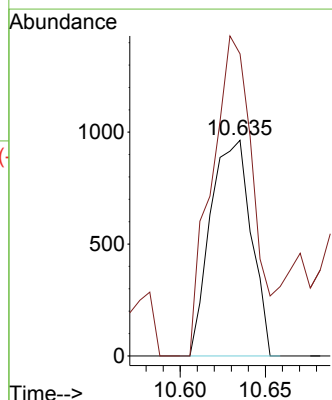
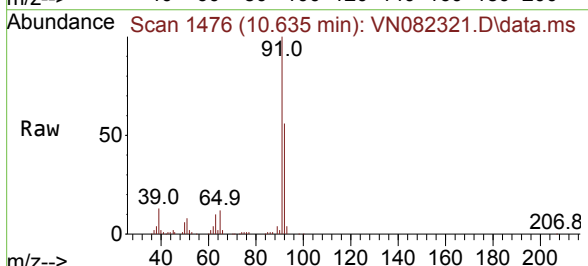
Acq: 23 May 2024 15:06

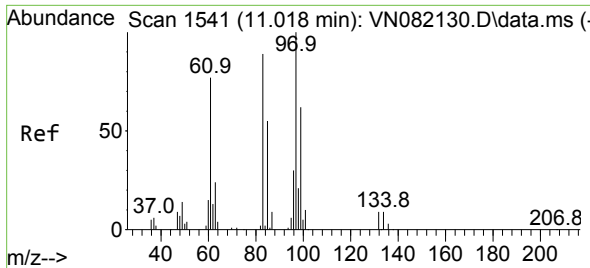
Tgt Ion: 75 Resp: 1601

Ion Ratio Lower Upper

75 100

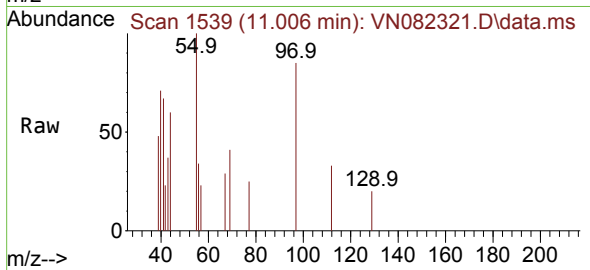
77 140.0 25.4 38.0#



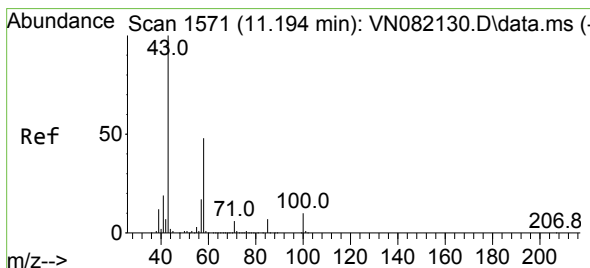
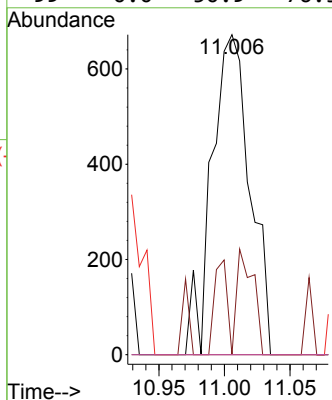
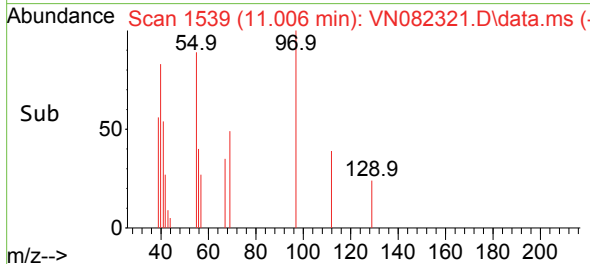


#55  
1,1,2-Trichloroethane  
Concen: 0.675 ug/l  
RT: 11.006 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Instrument :  
MSVOA\_N  
ClientSampleId :

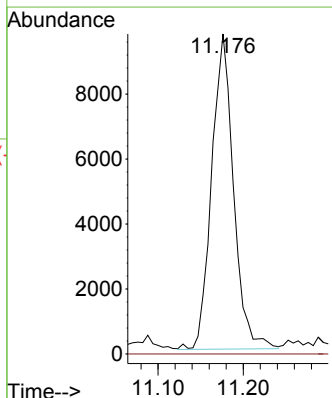
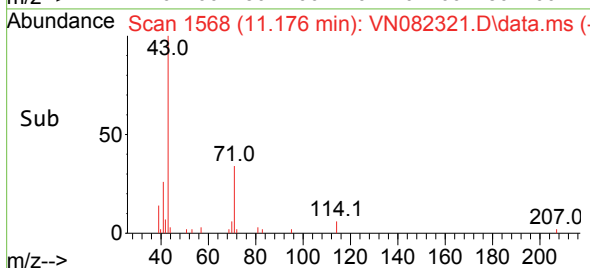
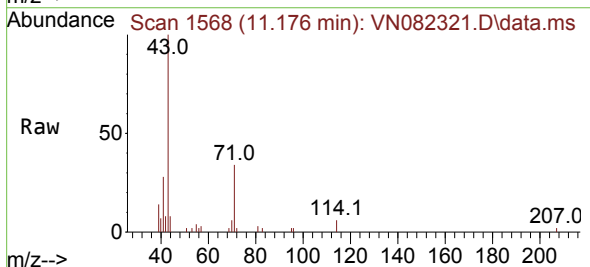


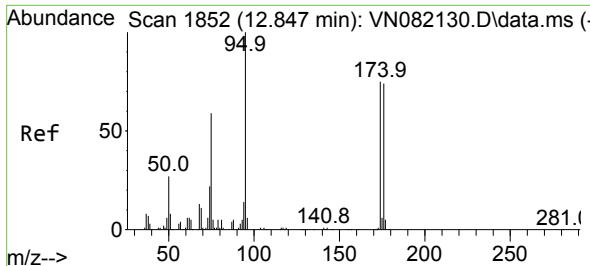
|             |                 |
|-------------|-----------------|
| Tgt Ion: 97 | Resp: 1364      |
| Ion Ratio   | Lower Upper     |
| 97          | 100             |
| 83          | 0.0 70.4 105.6# |
| 85          | 0.0 45.6 68.4#  |
| 99          | 0.0 50.9 76.3#  |



#59  
2-Hexanone  
Concen: 6.768 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.018 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 17340    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 0.0 28.3 84.9# |

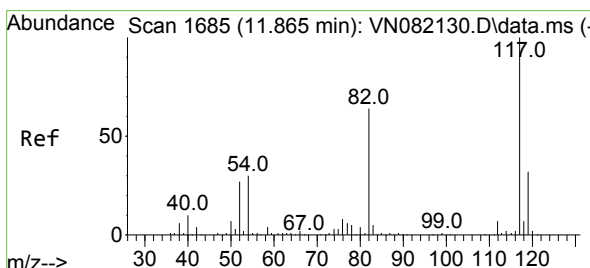
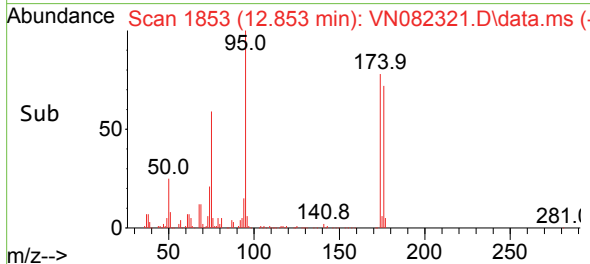
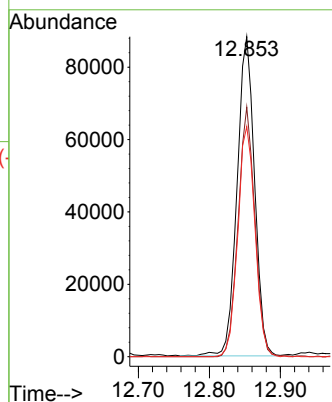
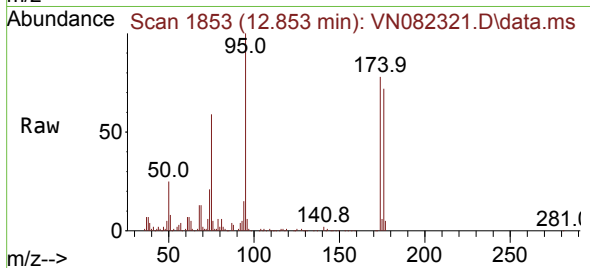




#62  
4-Bromofluorobenzene  
Concen: 59.652 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

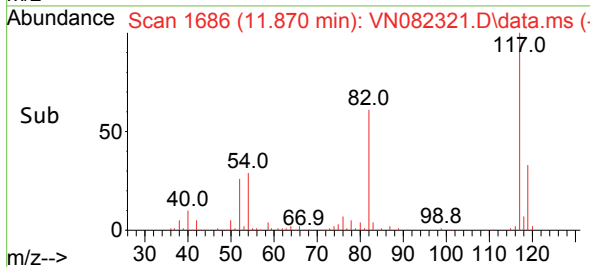
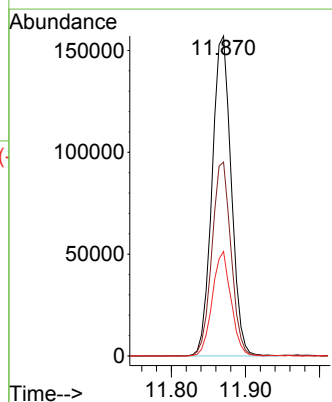
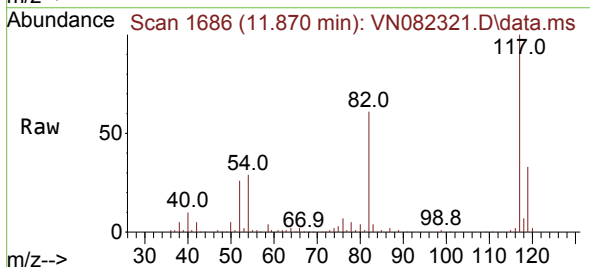
Instrument :  
MSVOA\_N  
ClientSampleId :

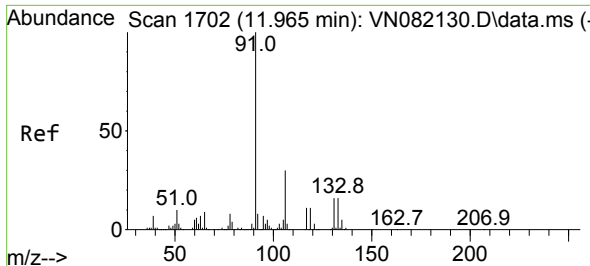
Tgt Ion: 95 Resp: 151148  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 160.6  
176 71.3 0.0 152.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion: 117 Resp: 282385  
Ion Ratio Lower Upper  
117 100  
82 60.5 44.6 66.8  
119 32.7 25.9 38.9

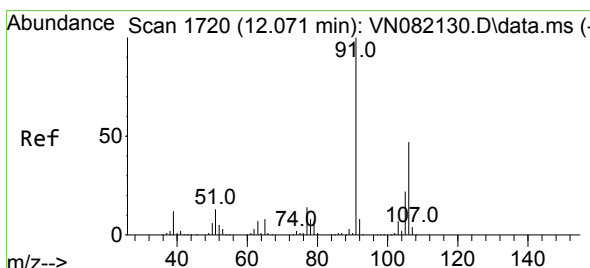
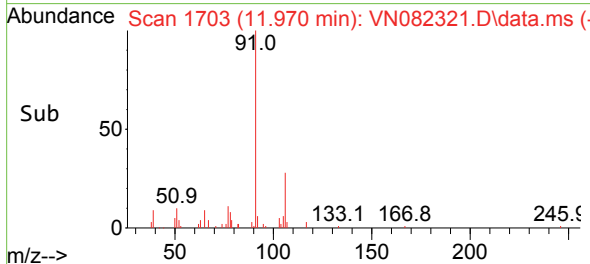
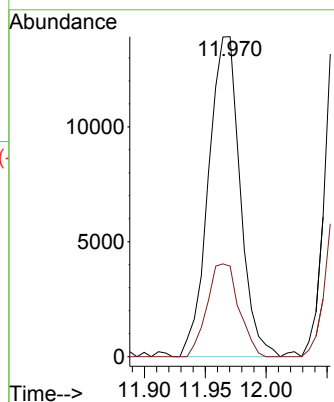
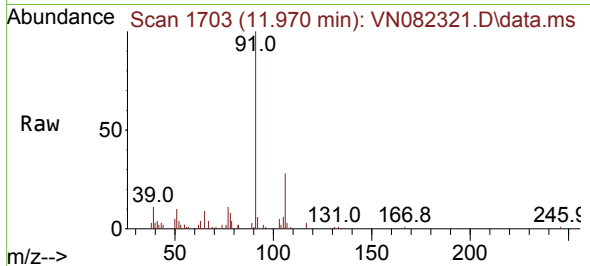




#67  
Ethyl Benzene  
Concen: 2.254 ug/l  
RT: 11.970 min Scan# 1702  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

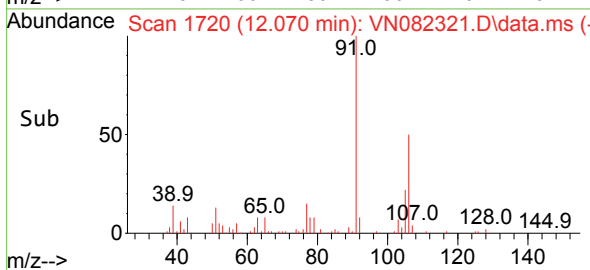
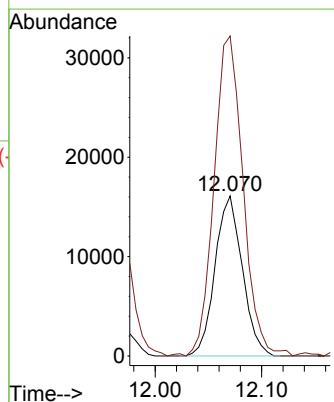
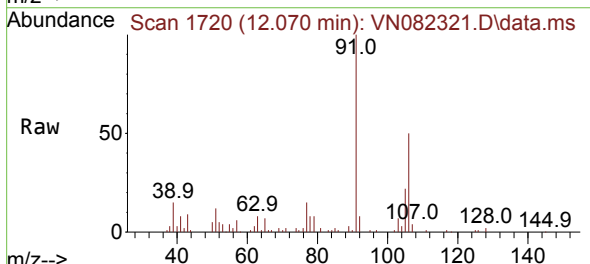
Instrument :  
MSVOA\_N  
ClientSampleId :

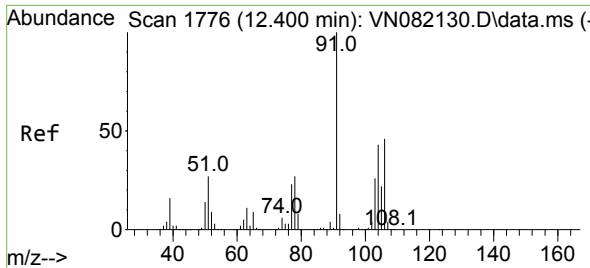
Tgt Ion: 91 Resp: 25150  
Ion Ratio Lower Upper  
91 100  
106 28.3 25.3 37.9



#68  
m/p-Xylenes  
Concen: 6.990 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion:106 Resp: 28590  
Ion Ratio Lower Upper  
106 100  
91 212.6 159.4 239.0

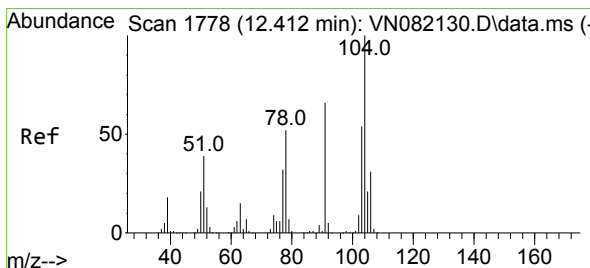
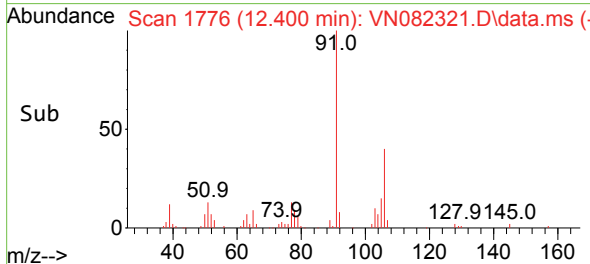
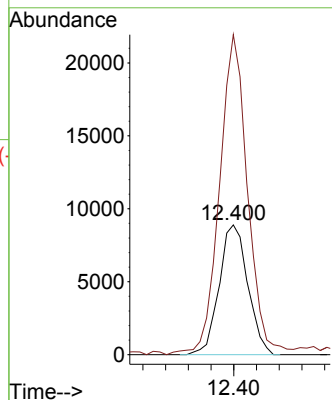
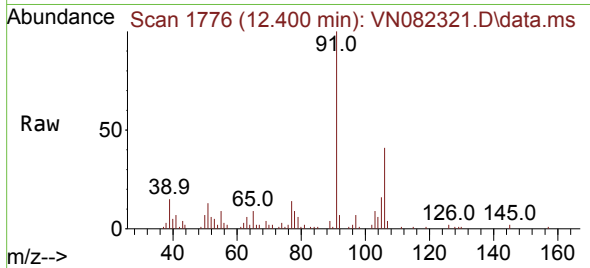




#69  
o-Xylene  
Concen: 3.926 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

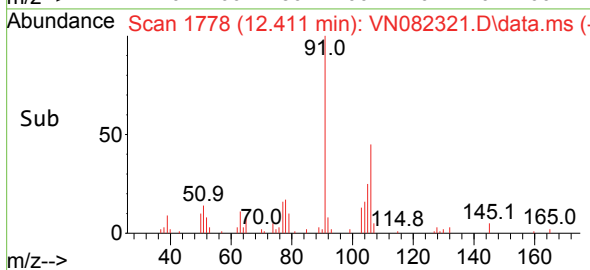
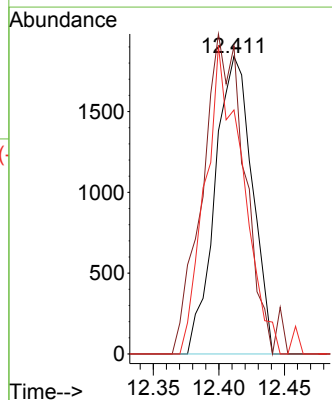
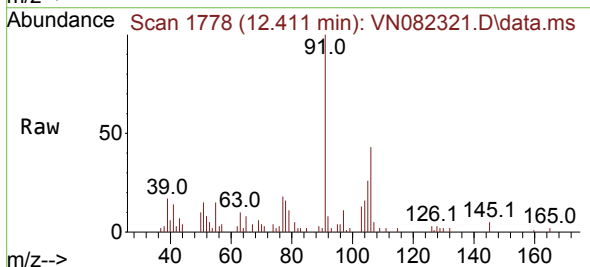
Instrument :  
MSVOA\_N  
ClientSampleId :

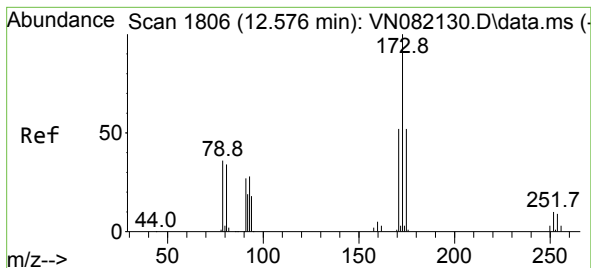
Tgt Ion:106 Resp: 15556  
Ion Ratio Lower Upper  
106 100  
91 242.2 104.7 314.1



#70  
Styrene  
Concen: 0.551 ug/l  
RT: 12.411 min Scan# 1778  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion:104 Resp: 3623  
Ion Ratio Lower Upper  
104 100  
78 124.2 38.6 58.0#  
103 104.7 43.8 65.6#





#71

Bromoform

Concen: 0.739 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

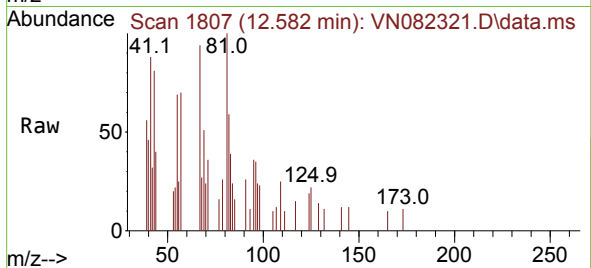
Lab File: VN082321.D

Acq: 23 May 2024 15:06

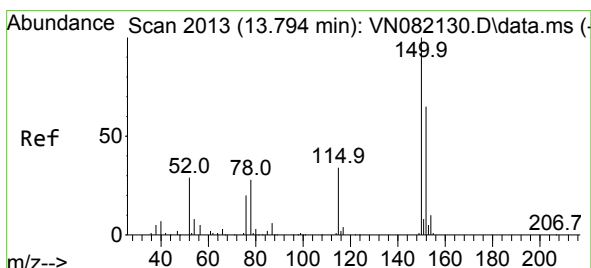
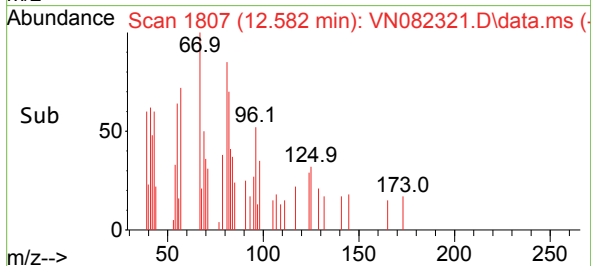
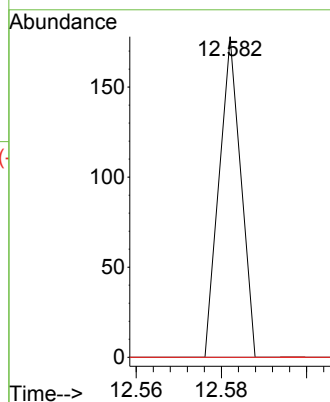
Instrument :

MSVOA\_N

ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:173 | Resp: | 63         |
| Ion Ratio   | Lower | Upper      |
| 173         | 100   |            |
| 175         | 0.0   | 24.6 74.0# |
| 254         | 0.0   | 0.0 0.0    |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

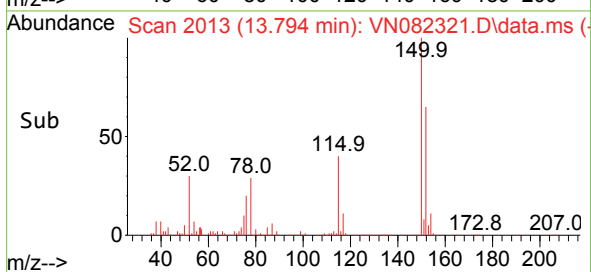
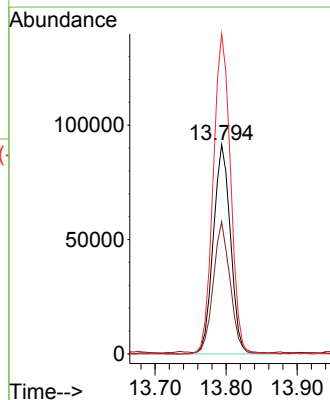
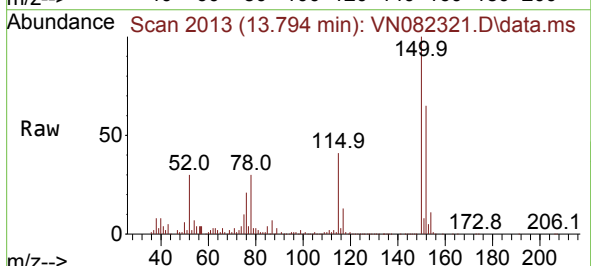
RT: 13.794 min Scan# 2013

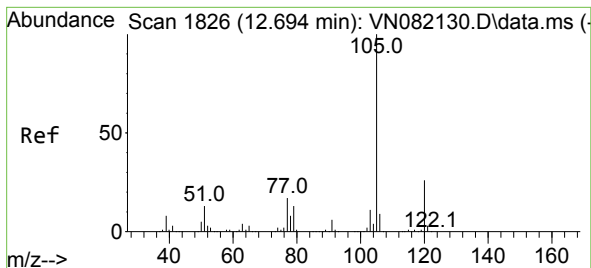
Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 154232    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 60.5  | 30.4 91.3 |
| 150         | 153.4 | 0.0 353.2 |





#73

Isopropylbenzene

Concen: 0.352 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

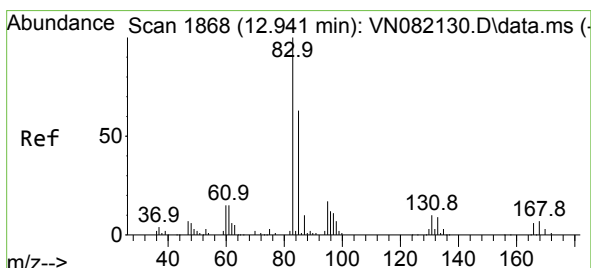
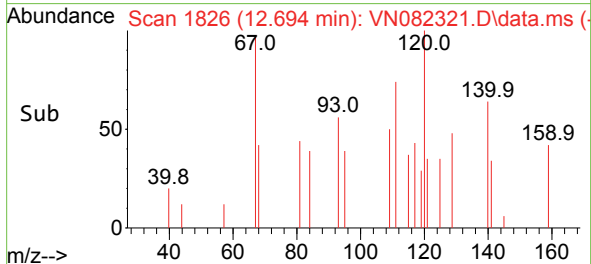
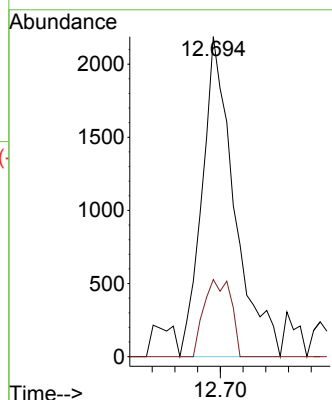
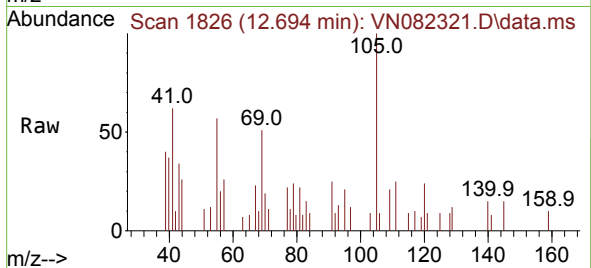
ClientSampleId :

Tgt Ion:105 Resp: 4312

Ion Ratio Lower Upper

105 100

120 20.3 13.4 40.1



#75

1,1,2,2-Tetrachloroethane

Concen: 0.300 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.024 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

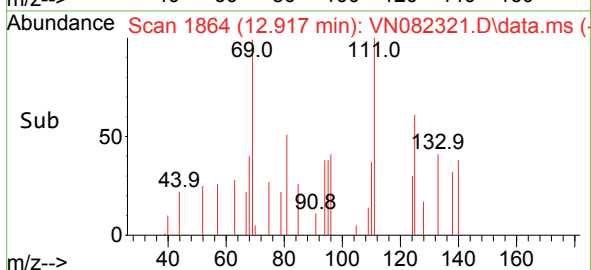
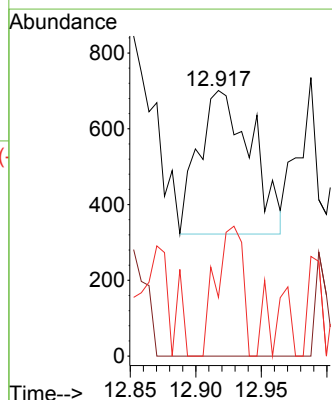
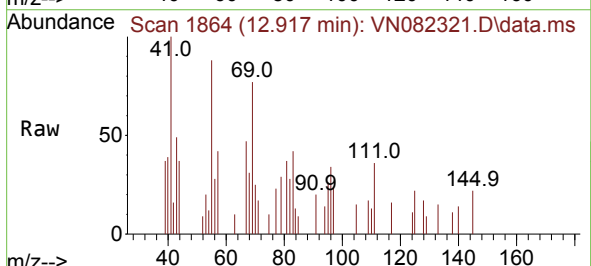
Tgt Ion: 83 Resp: 1059

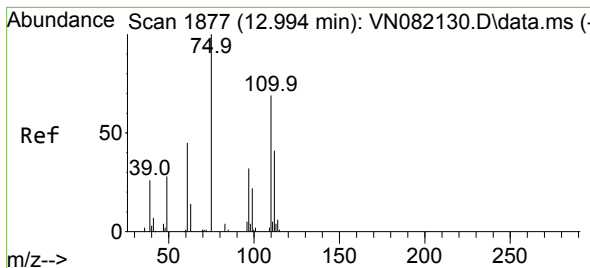
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 45.3 32.9 98.6





#76

1,2,3-Trichloropropane

Concen: 27.525 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

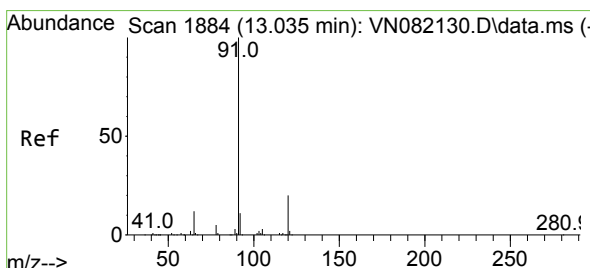
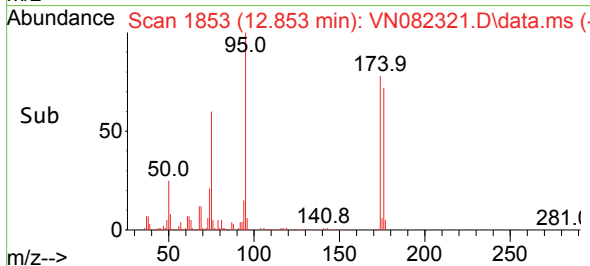
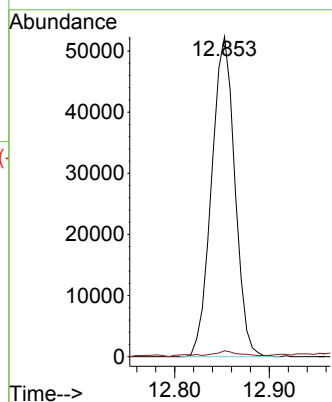
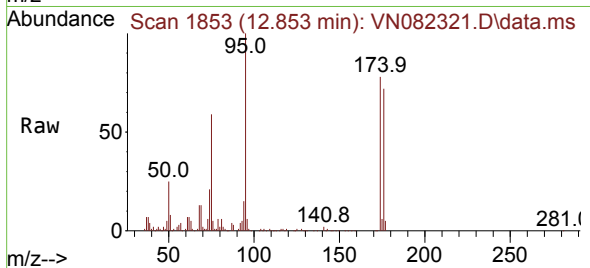
ClientSampleId :

Tgt Ion: 75 Resp: 89351

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#78

n-propylbenzene

Concen: 0.732 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN082321.D

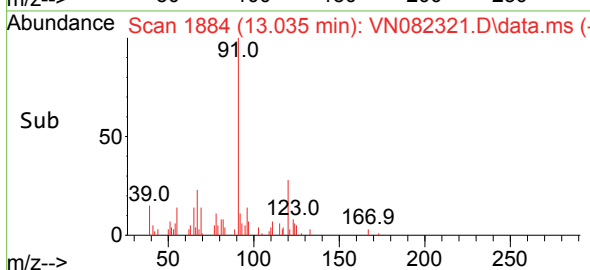
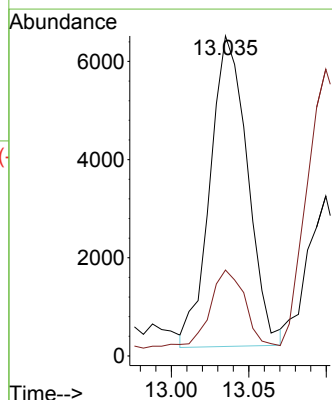
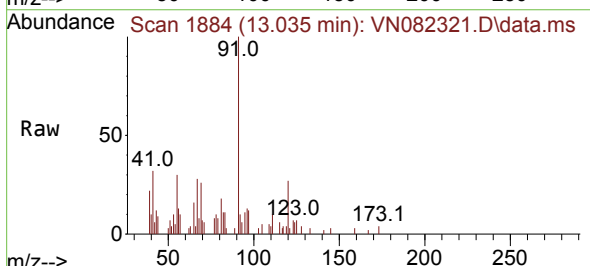
Acq: 23 May 2024 15:06

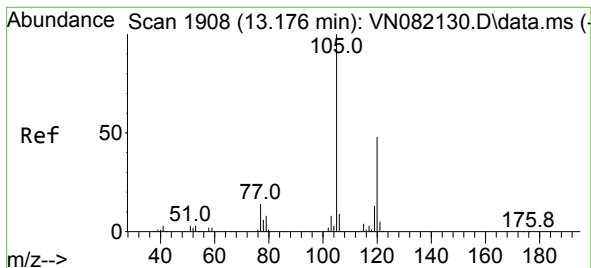
Tgt Ion: 91 Resp: 10625

Ion Ratio Lower Upper

91 100

120 30.9 11.7 35.0





#80

1,3,5-Trimethylbenzene

Concen: 2.873 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

Instrument :

MSVOA\_N

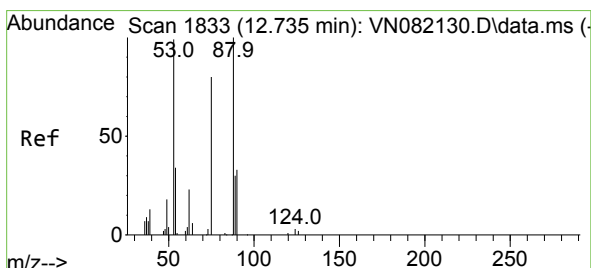
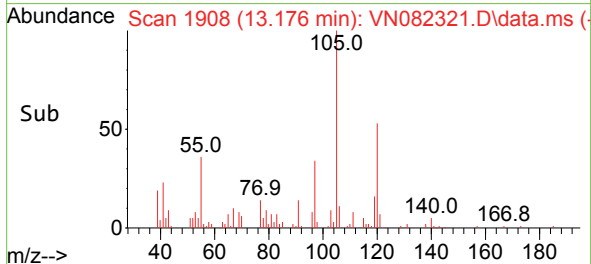
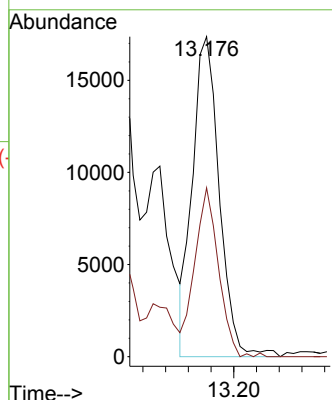
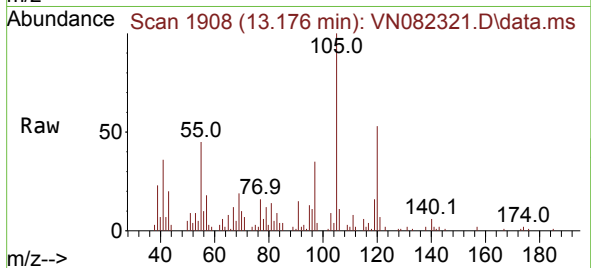
ClientSampleId :

Tgt Ion:105 Resp: 28464

Ion Ratio Lower Upper

105 100

120 46.5 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.379 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082321.D

Acq: 23 May 2024 15:06

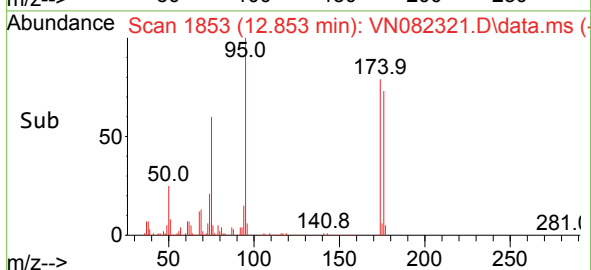
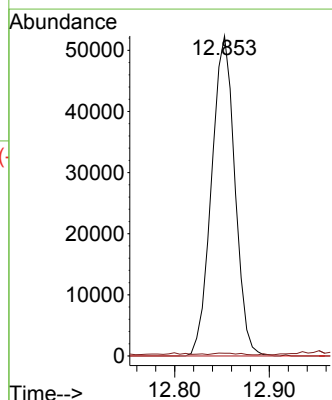
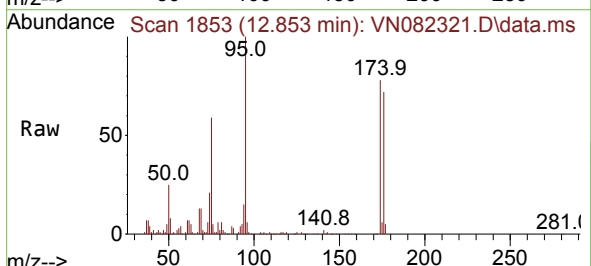
Tgt Ion: 75 Resp: 89351

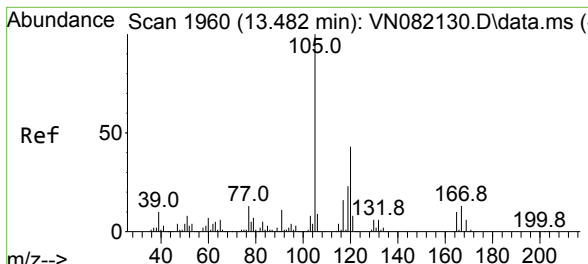
Ion Ratio Lower Upper

75 100

53 0.6 72.9 109.3#

89 0.0 39.1 58.7#

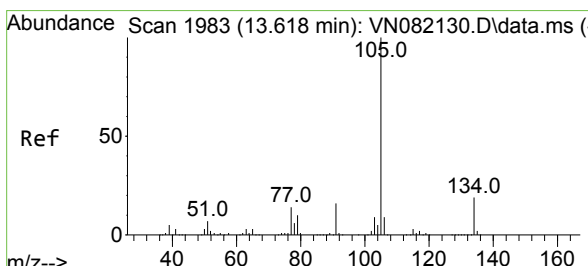
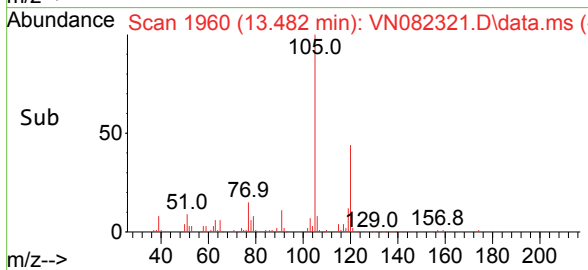
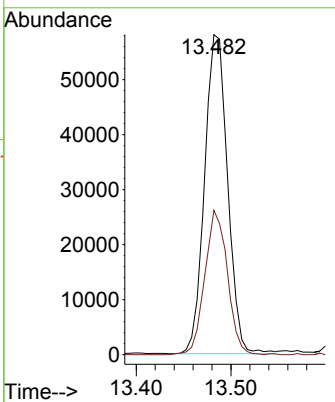
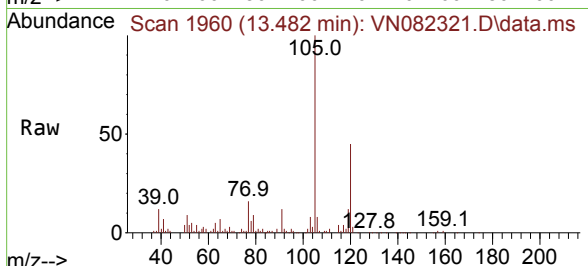




#84  
 1,2,4-Trimethylbenzene  
 Concen: 9.683 ug/l  
 RT: 13.482 min Scan# 1960  
 Delta R.T. -0.000 min  
 Lab File: VN082321.D  
 Acq: 23 May 2024 15:06

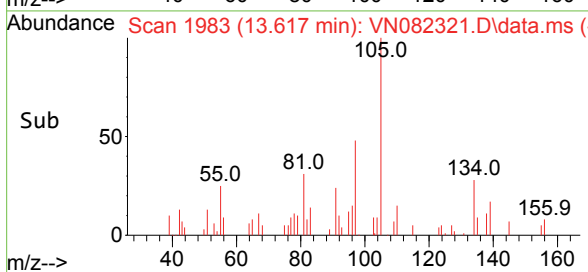
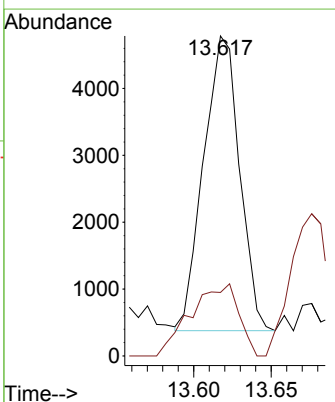
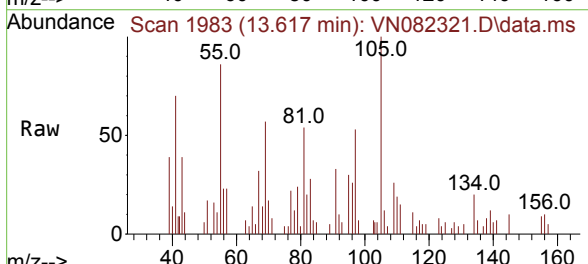
Instrument :  
 MSVOA\_N  
 ClientSampleId :

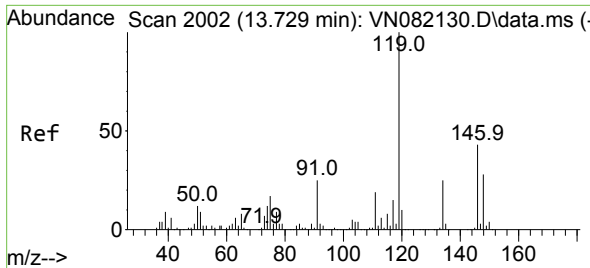
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 98151 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 44.4  | 22.9  | 68.7  |



#85  
 sec-Butylbenzene  
 Concen: 0.592 ug/l  
 RT: 13.617 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN082321.D  
 Acq: 23 May 2024 15:06

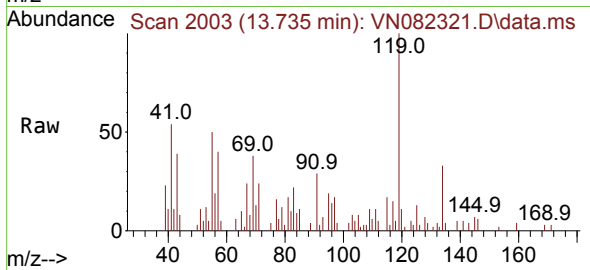
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 7115  |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 134       | 32.5  | 10.2  | 30.4# |



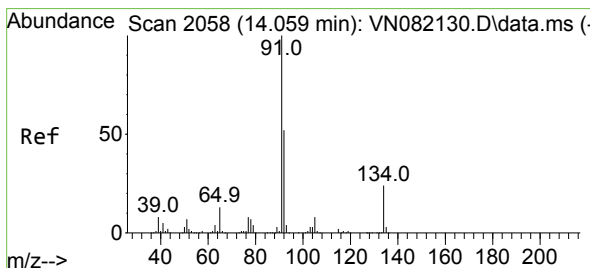
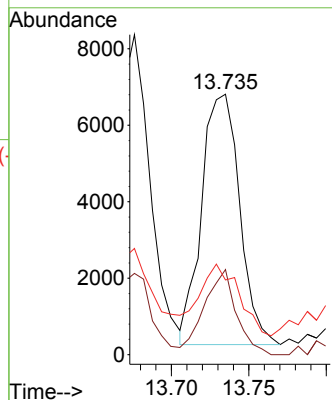
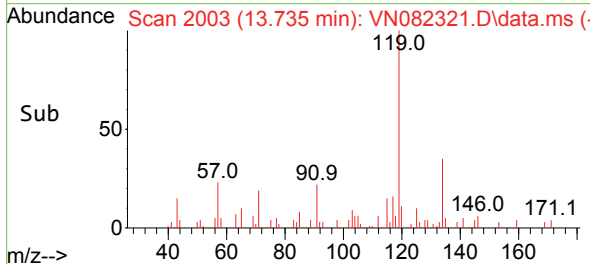


#86  
p-Isopropyltoluene  
Concen: 1.145 ug/l  
RT: 13.735 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Instrument :  
MSVOA\_N  
ClientSampleId :

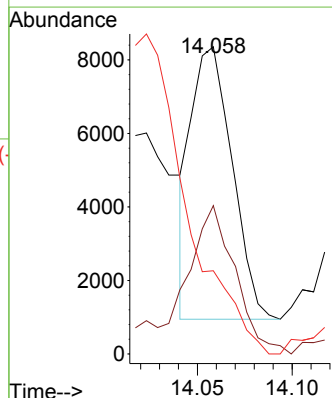
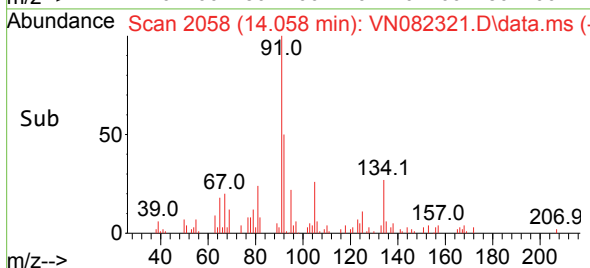
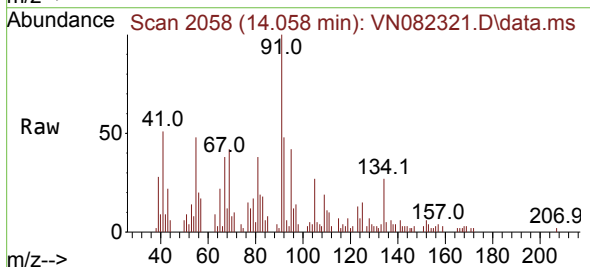


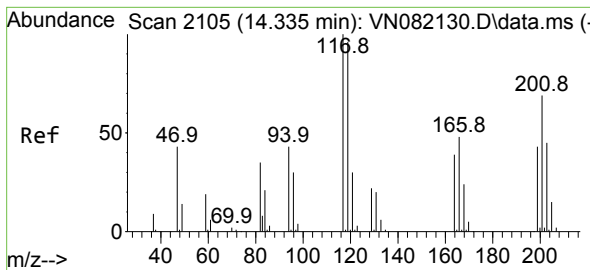
Tgt Ion:119 Resp: 11180  
Ion Ratio Lower Upper  
119 100  
134 28.7 13.2 39.5  
91 29.5 11.8 35.3



#89  
n-Butylbenzene  
Concen: 1.270 ug/l  
RT: 14.058 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

Tgt Ion: 91 Resp: 11144  
Ion Ratio Lower Upper  
91 100  
92 72.2 26.2 78.5  
134 0.0 13.2 39.5#

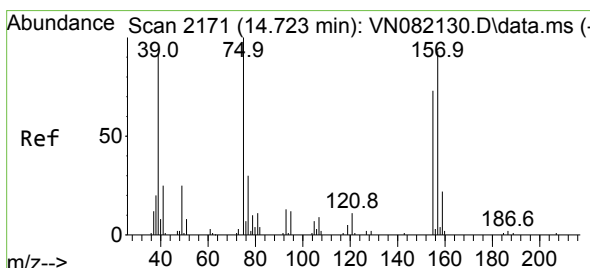
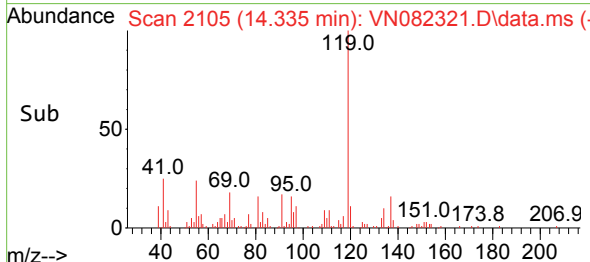
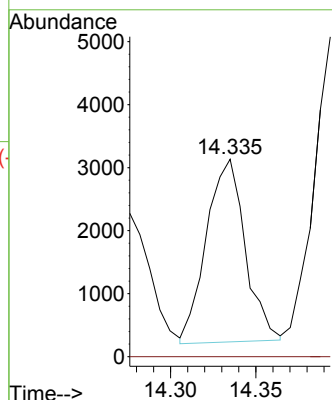
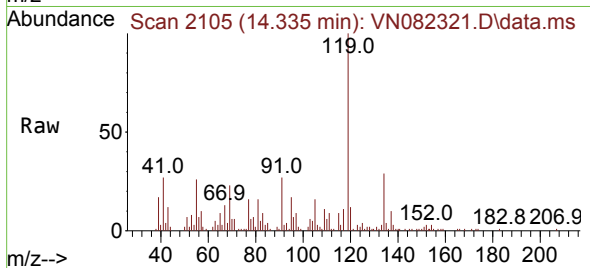




#90  
Hexachloroethane  
Concen: 2.542 ug/l  
RT: 14.335 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

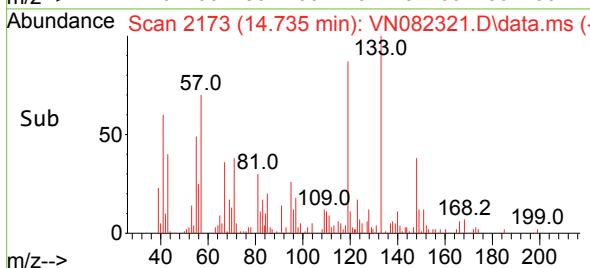
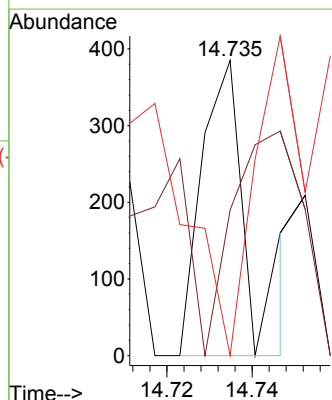
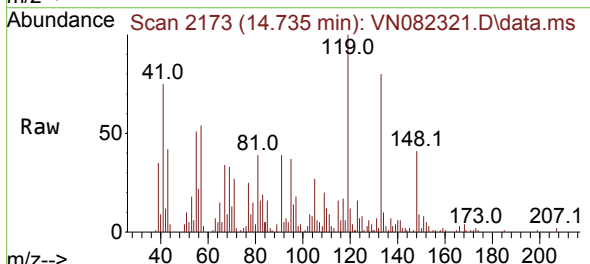
Instrument :  
MSVOA\_N  
ClientSampleId :

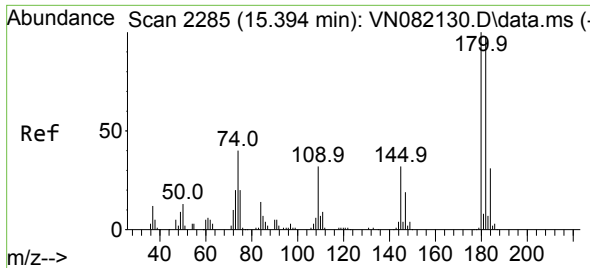
Tgt Ion:117 Resp: 4599  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.3 99.8#



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.407 ug/l  
RT: 14.735 min Scan# 2173  
Delta R.T. 0.011 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

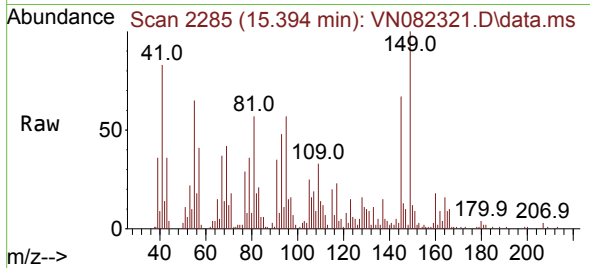
Tgt Ion: 75 Resp: 295  
Ion Ratio Lower Upper  
75 100  
155 113.6 42.6 128.0  
157 106.1 53.0 159.0



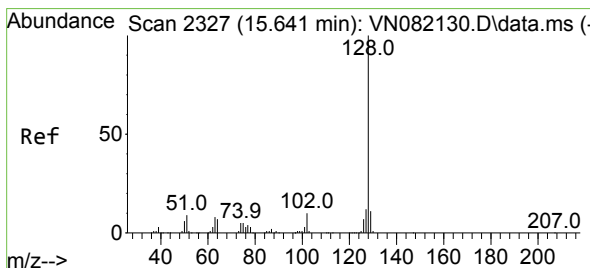
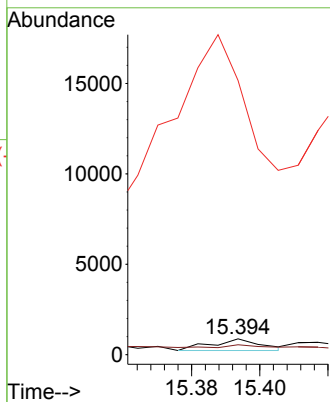
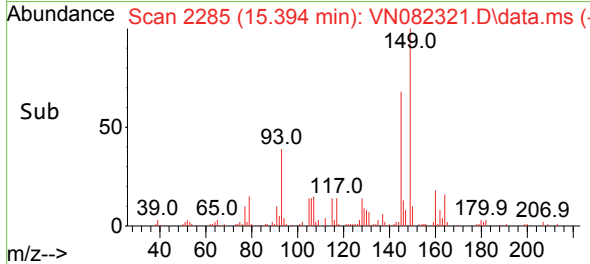


#93  
1,2,4-Trichlorobenzene  
Concen: 0.234 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06

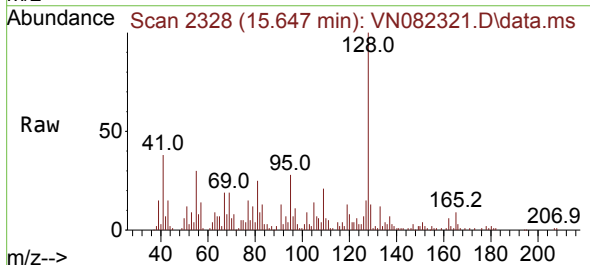
Instrument :  
MSVOA\_N  
ClientSampleId :



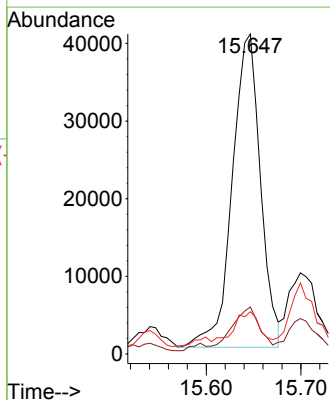
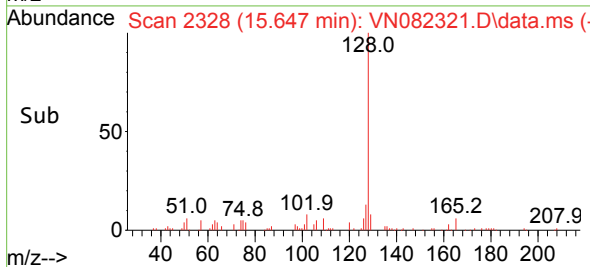
Tgt Ion:180 Resp: 656  
Ion Ratio Lower Upper  
180 100  
182 0.0 46.7 140.0#  
145 6423.6 16.2 48.6#

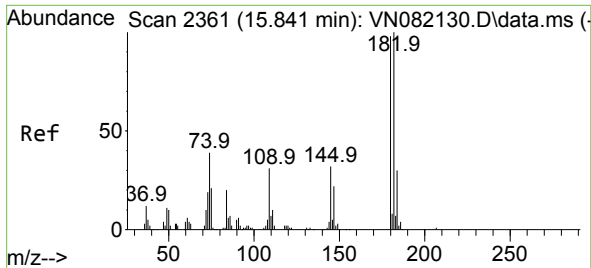


#95  
Naphthalene  
Concen: 9.509 ug/l  
RT: 15.647 min Scan# 2328  
Delta R.T. 0.006 min  
Lab File: VN082321.D  
Acq: 23 May 2024 15:06



Tgt Ion:128 Resp: 83641  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.1 15.1  
129 7.9 8.9 13.3#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 2.073 ug/l  
 RT: 15.811 min Scan# 21  
 Delta R.T. -0.030 min  
 Lab File: VN082321.D  
 Acq: 23 May 2024 15:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tgt Ion:180 Resp: 5825  
 Ion Ratio Lower Upper  
 180 100  
 182 5.9 46.0 137.8#  
 145 0.0 17.1 51.3#

