

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082624\  
 Data File : VN083476.D  
 Acq On : 26 Aug 2024 12:55  
 Operator : JC\MD  
 Sample : P3716-06DL 4X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Aug 27 01:54:17 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 08 06:30:41 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 8.224          | 168  | 122225              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.100          | 114  | 245532              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.865         | 117  | 259019              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.794         | 152  | 119935              | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.576          | 65   | 96536               | 55.489    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 110.980% |           |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 79137               | 51.637    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 103.280% |           |        |          |
| 50) Toluene-d8                | 10.565         | 98   | 281904              | 49.311    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 98.620%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.847         | 95   | 124699              | 55.950    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 111.900% |           |        |          |
| Target Compounds              |                |      |                     |           |        |          |
|                               |                |      |                     |           | Qvalue |          |
| 3) Chloromethane              | 2.359          | 50   | 606                 | 0.427     | ug/l # | 86       |
| 4) Vinyl Chloride             | 2.512          | 62   | 700                 | 0.483     | ug/l # | 1        |
| 11) Tert butyl alcohol        | 5.500          | 59   | 656                 | 1.814     | ug/l # | 71       |
| 13) Acrolein                  | 4.171          | 56   | 117                 | 0.497     | ug/l # | 14       |
| 16) Acetone                   | 4.441          | 43   | 1238                | 1.819     | ug/l # | 48       |
| 17) Carbon Disulfide          | 4.700          | 76   | 3015                | 0.761     | ug/l # | 75       |
| 18) Methyl Acetate            | 5.030          | 43   | 1648                | 0.813     | ug/l # | 56       |
| 20) Methylene Chloride        | 5.259          | 84   | 861                 | 0.550     | ug/l # | 68       |
| 27) cis-1,2-Dichloroethene    | 7.488          | 96   | 11321               | 6.700     | ug/l   | 89       |
| 31) Cyclohexane               | 8.218          | 56   | 3129                | 1.214     | ug/l # | 9        |
| 36) 1,1-Dichloropropene       | 8.224          | 75   | 11177               | 4.821     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 8.224          | 117  | 13784               | 5.279     | ug/l # | 17       |
| 43) Isopropyl Acetate         | 8.694          | 43   | 377                 | Below Cal | #      | 60       |
| 44) Trichloroethene           | 9.353          | 130  | 10857               | 6.605     | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.559         | 43   | 1477                | 0.602     | ug/l # | 1        |
| 53) t-1,3-Dichloropropene     | 10.829         | 75   | 594                 | 0.219     | ug/l # | 43       |
| 55) 1,1,2-Trichloroethane     | 11.112         | 97   | 524                 | 0.335     | ug/l # | 1        |
| 60) Dibromochloromethane      | 11.100         | 129  | 59888               | 31.675    | ug/l # | 10       |
| 64) Tetrachloroethene         | 11.106         | 164  | 58687               | 34.211    | ug/l   | 93       |
| 65) Chlorobenzene             | 11.894         | 112  | 1244                | 0.217     | ug/l # | 82       |
| 68) m/p-Xylenes               | 12.070         | 106  | 2341                | 0.595     | ug/l   | 98       |
| 70) Styrene                   | 12.412         | 104  | 1606                | 0.246     | ug/l # | 85       |
| 76) 1,2,3-Trichloropropane    | 12.847         | 75   | 68328               | 25.958    | ug/l # | 1        |
| 77) Bromobenzene              | 12.982         | 156  | 697                 | 0.313     | ug/l   | 82       |
| 78) n-propylbenzene           | 13.035         | 91   | 2819                | 0.244     | ug/l   | 89       |
| 79) 2-Chlorotoluene           | 13.123         | 91   | 1635                | 0.223     | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.847         | 75   | 68328               | 56.464    | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 13.217         | 91   | 3053                | 0.416     | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 13.488         | 105  | 1837                | 0.217     | ug/l   | 88       |
| 86) p-Isopropyltoluene        | 13.729         | 119  | 1799                | 0.215     | ug/l   | 85       |
| 87) 1,3-Dichlorobenzene       | 13.741         | 146  | 1943                | 0.463     | ug/l   | 90       |
| 88) 1,4-Dichlorobenzene       | 13.741         | 146  | 1943                | 0.460     | ug/l   | 90       |
| 89) n-Butylbenzene            | 14.058         | 91   | 2767                | 0.381     | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 14.111         | 146  | 1351                | 0.333     | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.394         | 180  | 1688                | 0.743     | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.505         | 225  | 488                 | 0.483     | ug/l # | 62       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082624\  
Data File : VN083476.D  
Acq On : 26 Aug 2024 12:55  
Operator : JC\MD  
Sample : P3716-06DL 4X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

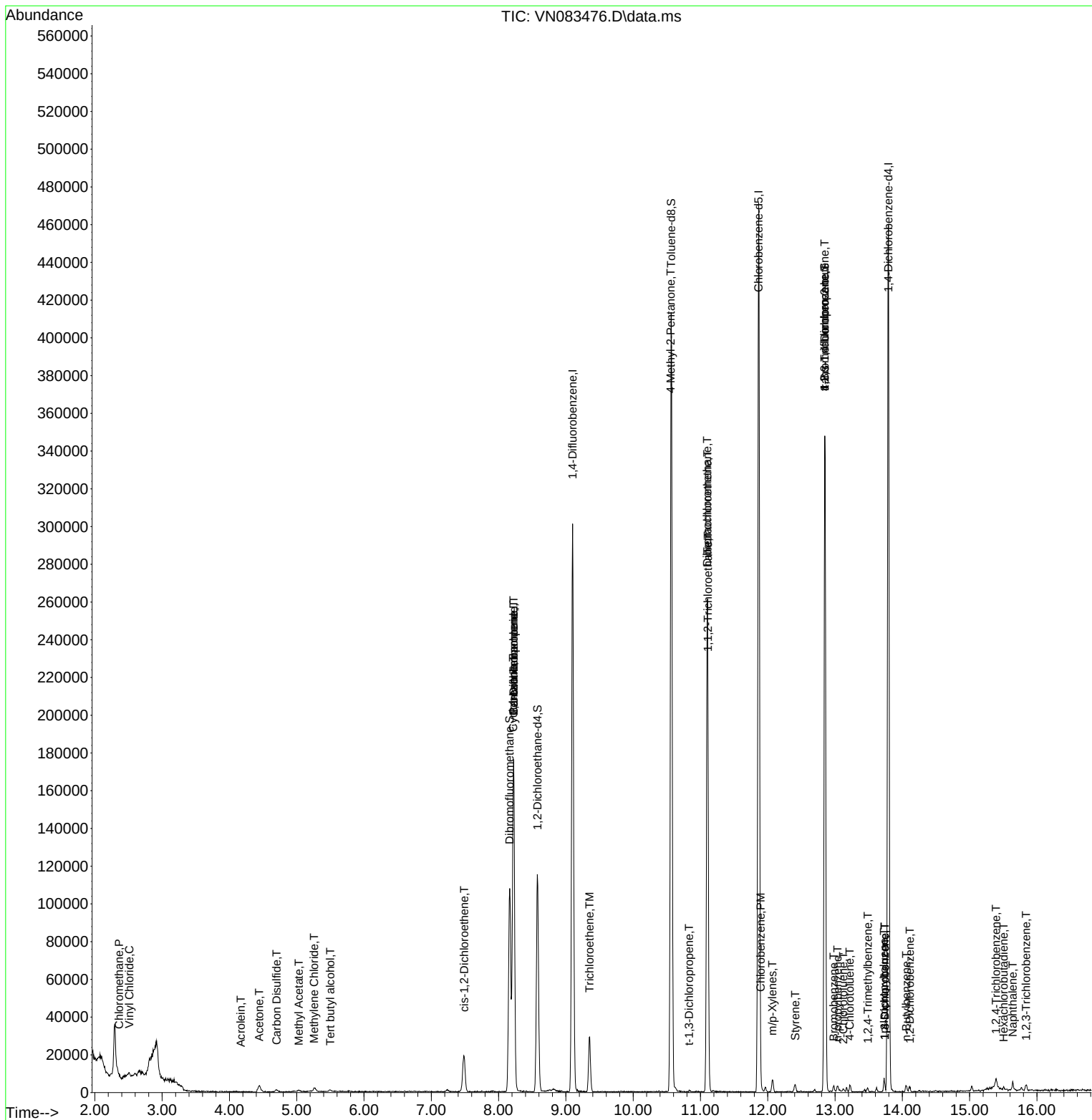
Instrument :  
MSVOA\_N  
ClientSampleId :

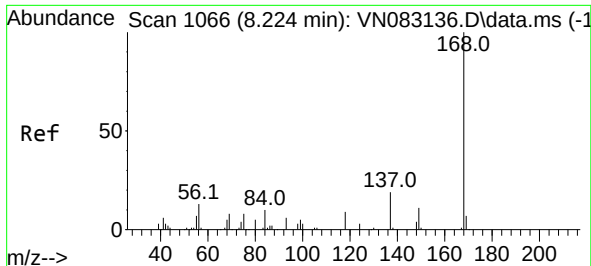
Quant Time: Aug 27 01:54:17 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|--------|------|----------|-------|--------|----------|
| 95) Naphthalene            | 15.641 | 128  | 4611     | 0.573 | ug/l # | 87       |
| 96) 1,2,3-Trichlorobenzene | 15.841 | 180  | 1294     | 0.575 | ug/l # | 80       |

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

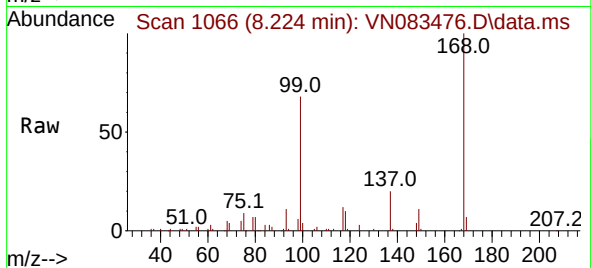
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N080724W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 08 06:30:41 2024  
Response via : Initial Calibration



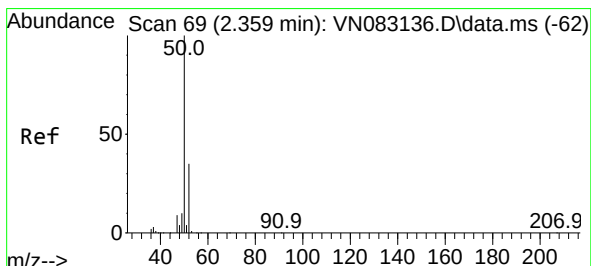
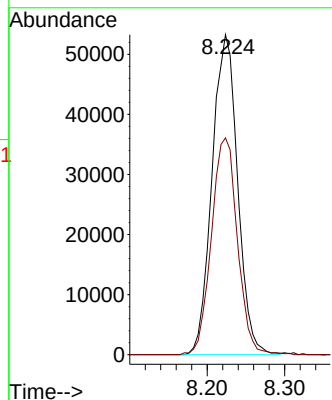
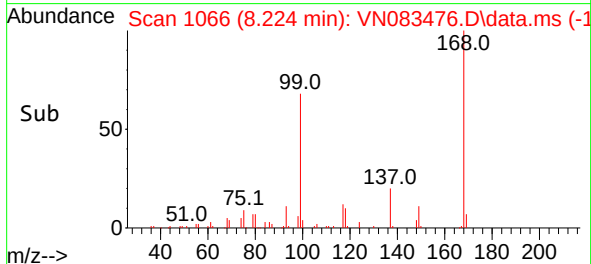


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

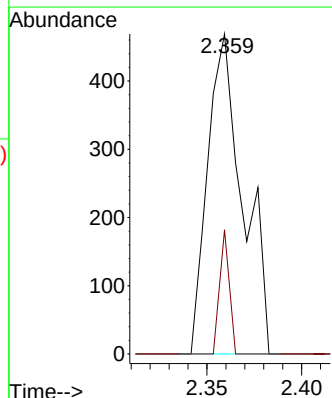
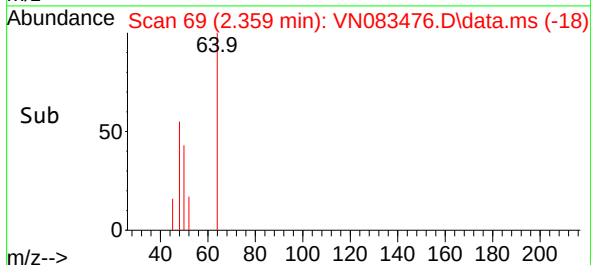
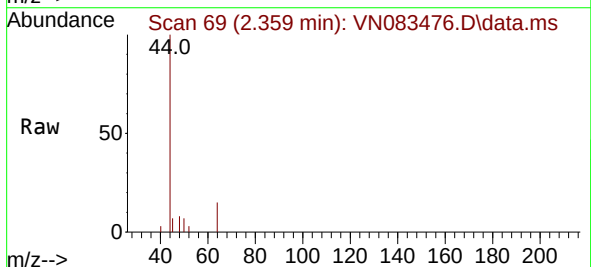


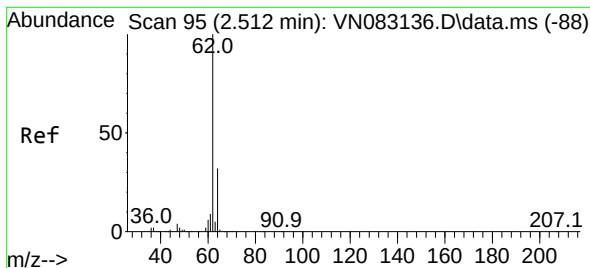
Tgt Ion:168 Resp: 122225  
Ion Ratio Lower Upper  
168 100  
99 67.8 48.2 72.4



#3  
Chloromethane  
Concen: 0.427 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 50 Resp: 606  
Ion Ratio Lower Upper  
50 100  
52 38.8 25.0 37.4#





#4

Vinyl Chloride

Concen: 0.483 ug/l

RT: 2.512 min Scan# 91

Delta R.T. -0.000 min

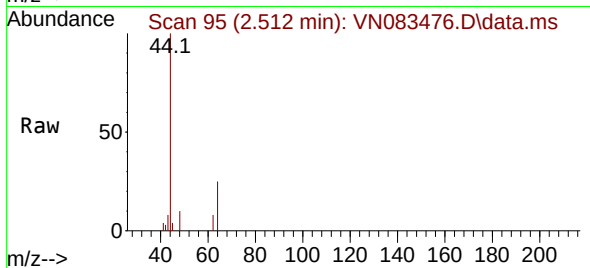
Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

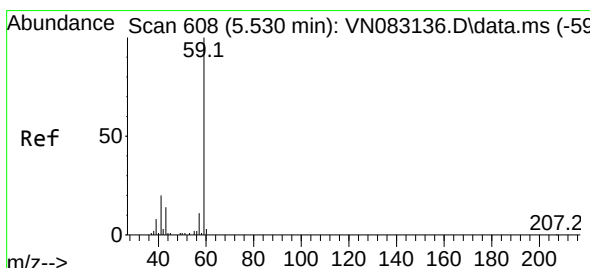
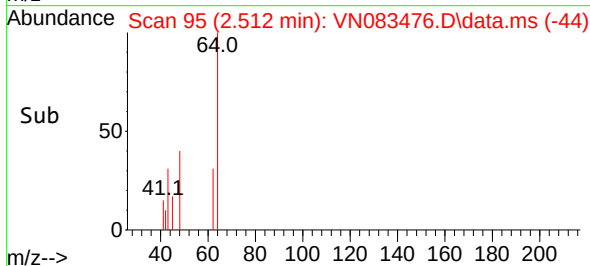
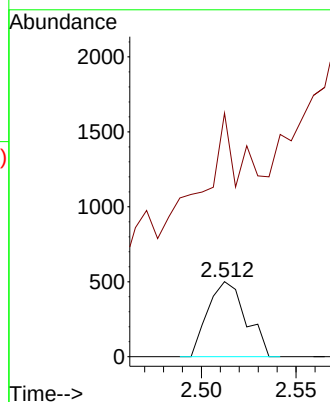


Tgt Ion: 62 Resp: 700

Ion Ratio Lower Upper

62 100

64 113.0 25.0 37.6#



#11

Tert butyl alcohol

Concen: 1.814 ug/l

RT: 5.500 min Scan# 603

Delta R.T. -0.030 min

Lab File: VN083476.D

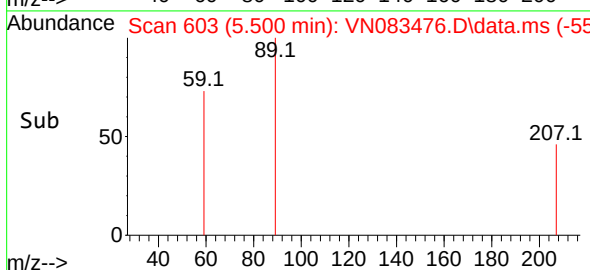
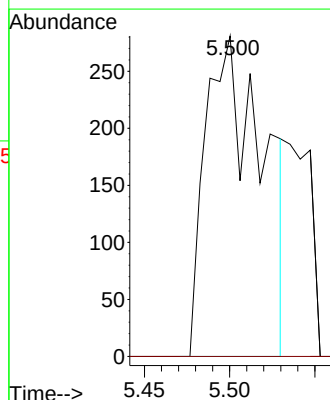
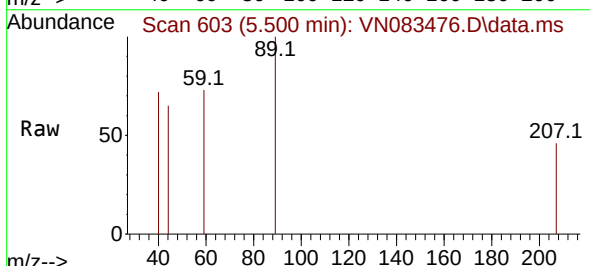
Acq: 26 Aug 2024 12:55

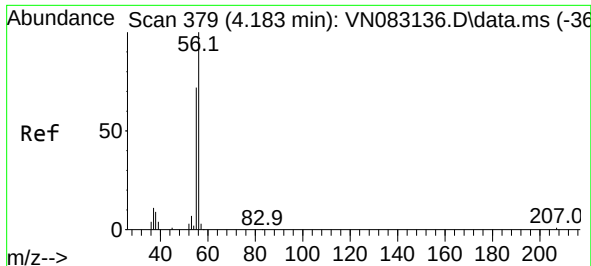
Tgt Ion: 59 Resp: 656

Ion Ratio Lower Upper

59 100

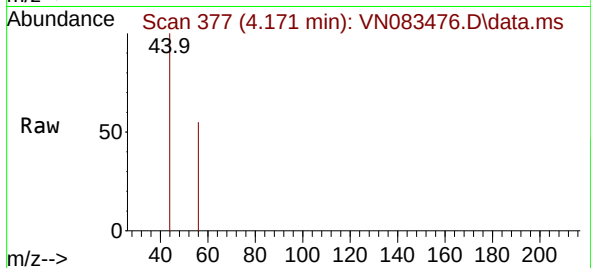
57 0.0 8.9 13.3#



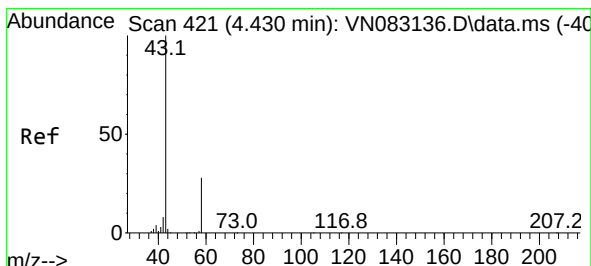
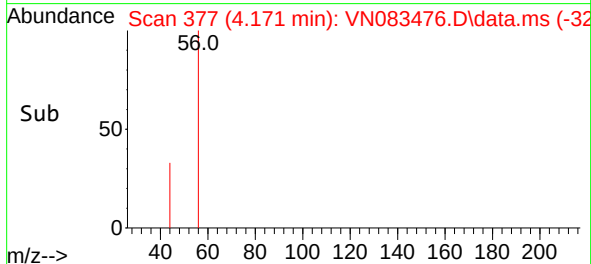
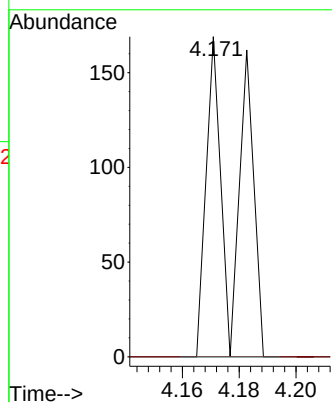


#13  
Acrolein  
Concen: 0.497 ug/l  
RT: 4.171 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

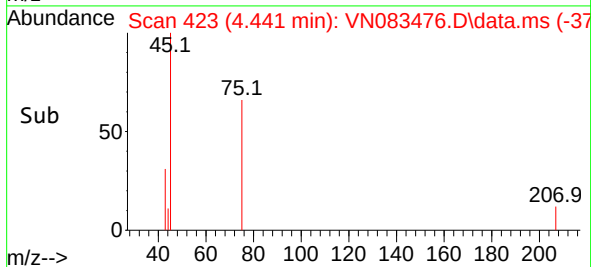
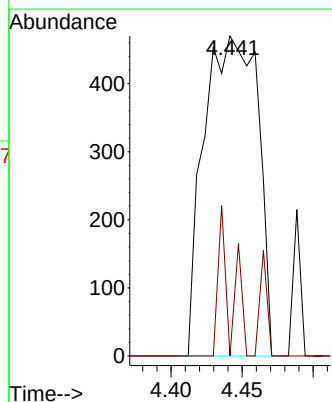
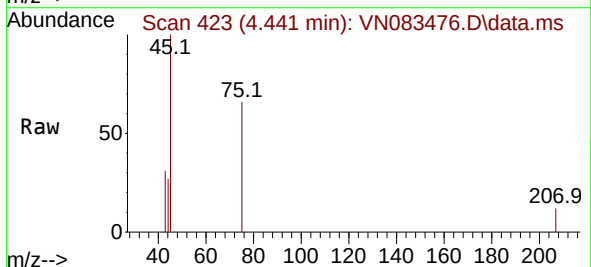


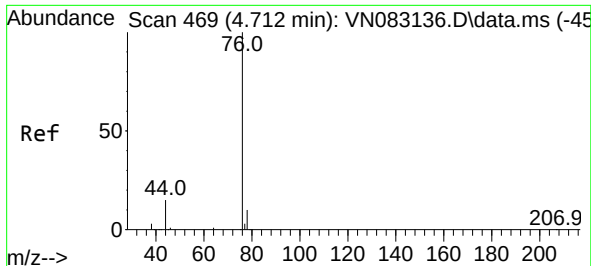
Tgt Ion: 56 Resp: 117  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.4 84.6#



#16  
Acetone  
Concen: 1.819 ug/l  
RT: 4.441 min Scan# 423  
Delta R.T. 0.012 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 43 Resp: 1238  
Ion Ratio Lower Upper  
43 100  
58 0.0 21.8 32.6#

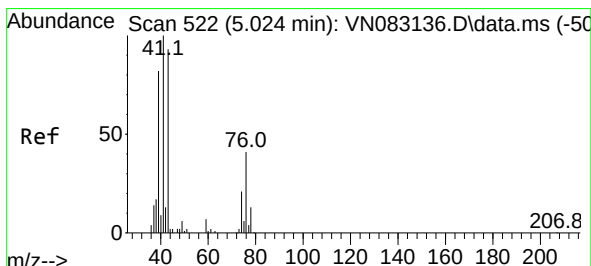
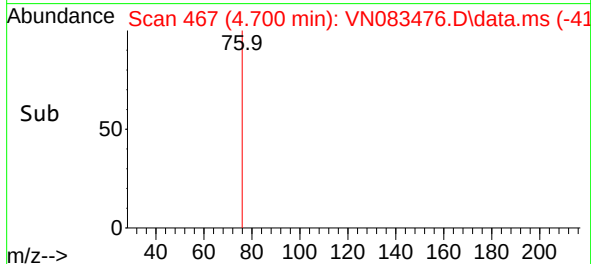
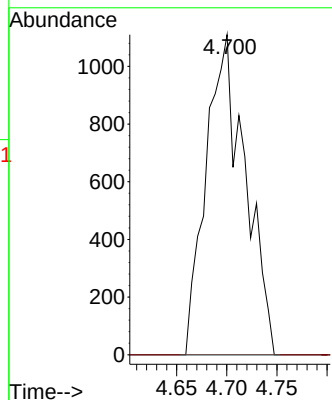
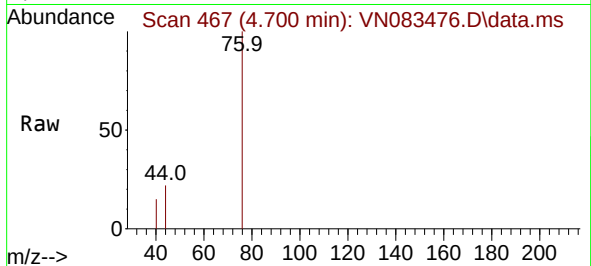




#17  
Carbon Disulfide  
Concen: 0.761 ug/l  
RT: 4.700 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

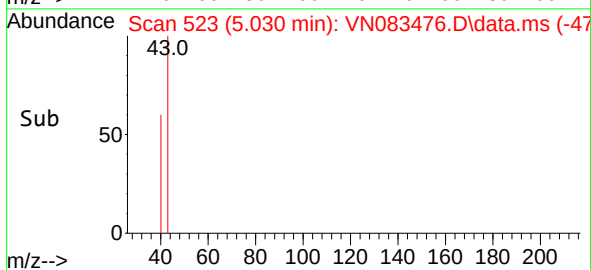
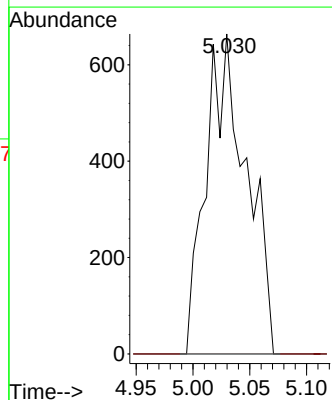
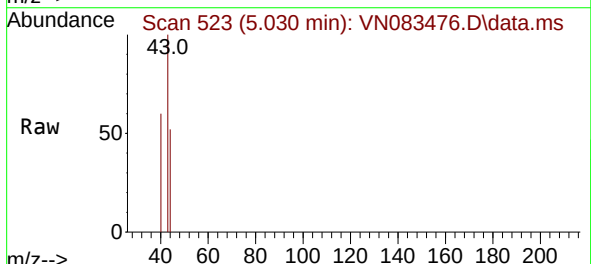
Instrument :  
MSVOA\_N  
ClientSampleId :

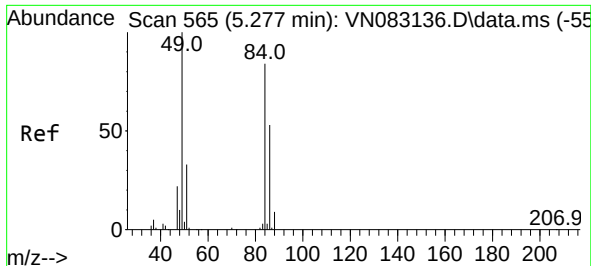
Tgt Ion: 76 Resp: 3015  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#18  
Methyl Acetate  
Concen: 0.813 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

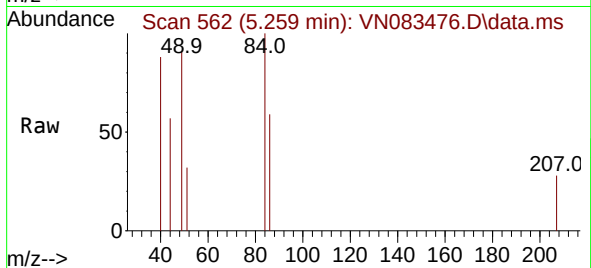
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Ion Ratio Lower Upper  
43 100  
74 0.0 16.3 24.5#



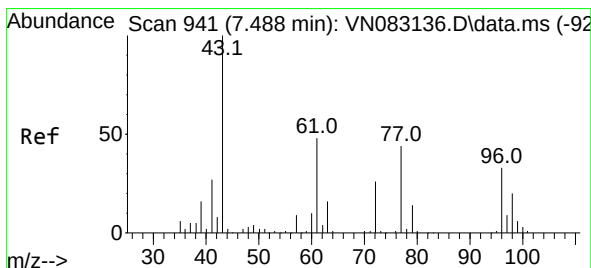
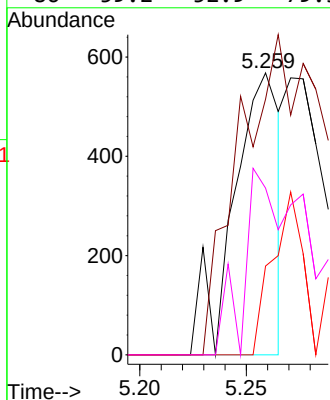
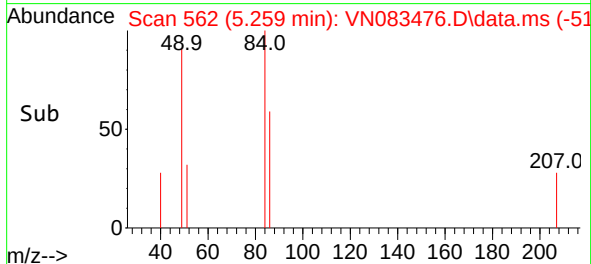


#20  
Methylene Chloride  
Concen: 0.550 ug/l  
RT: 5.259 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

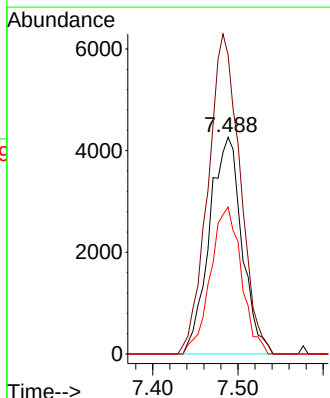
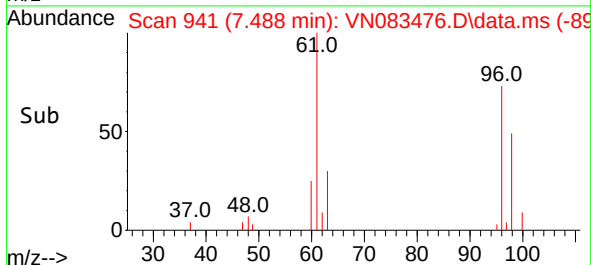
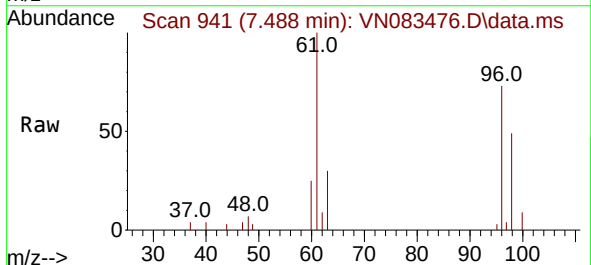


Tgt Ion: 84 Resp: 861  
Ion Ratio Lower Upper  
84 100  
49 90.7 119.6 179.4#  
51 31.5 34.8 52.2#  
86 59.2 52.9 79.3

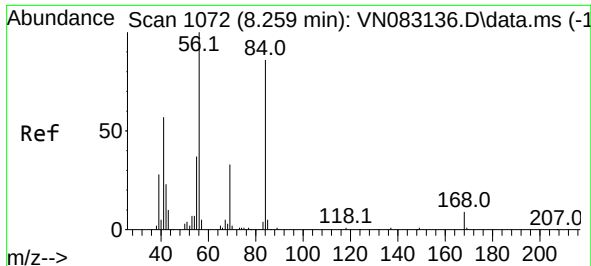


#27  
cis-1,2-Dichloroethene  
Concen: 6.700 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 96 Resp: 11321  
Ion Ratio Lower Upper  
96 100  
61 145.1 0.0 329.6  
98 64.2 0.0 128.6

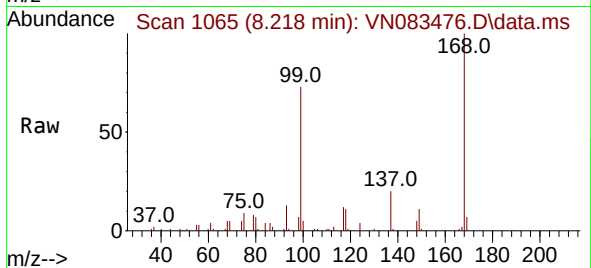




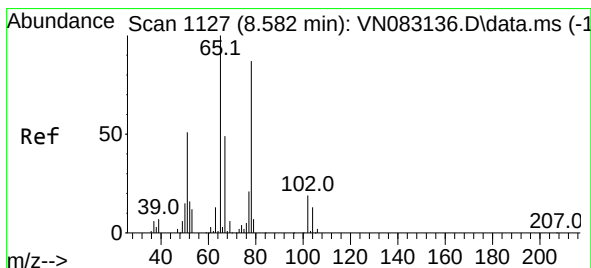
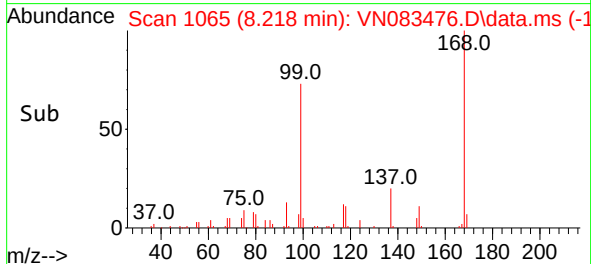
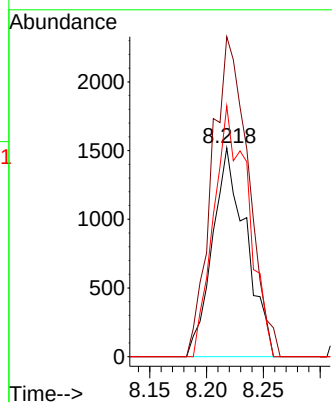


#31  
Cyclohexane  
Concen: 1.214 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.041 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

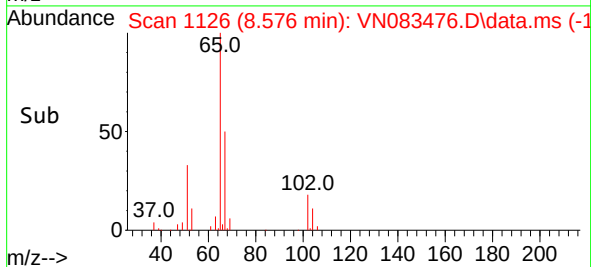
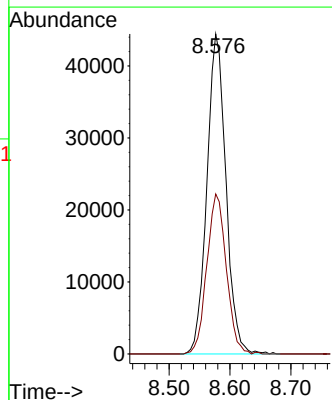
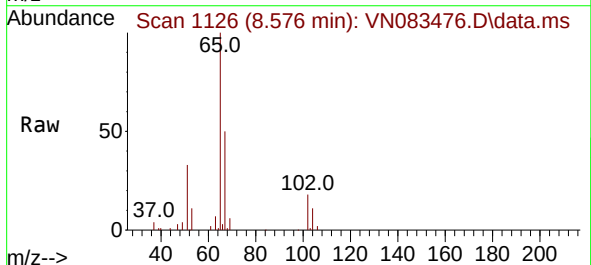


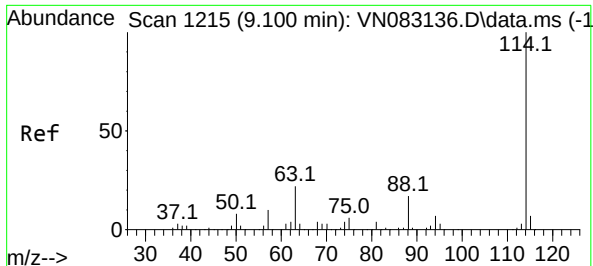
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Ion Ratio Lower Upper  
56 100  
69 153.2 24.5 36.7#  
84 120.1 66.0 99.0#



#33  
1,2-Dichloroethane-d4  
Concen: 55.489 ug/l  
RT: 8.576 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 65 Resp: 96536  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

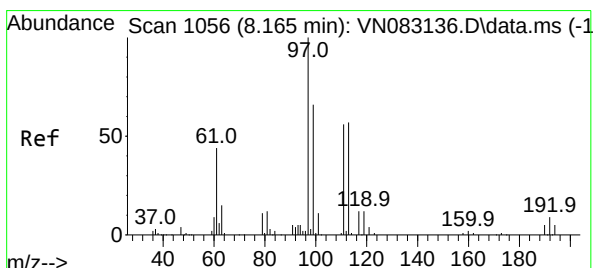
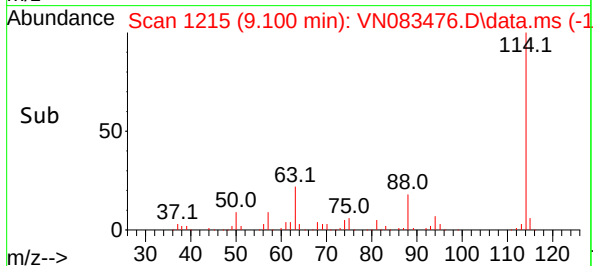
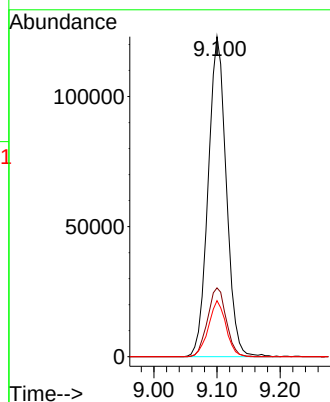
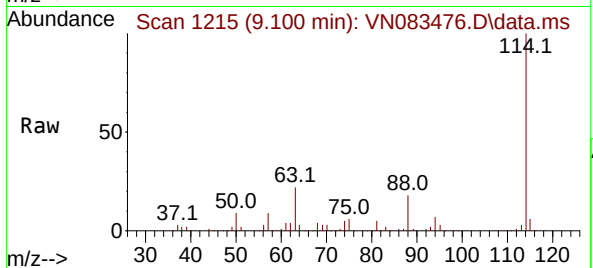
Tgt Ion:114 Resp: 245532

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 17.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.637 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

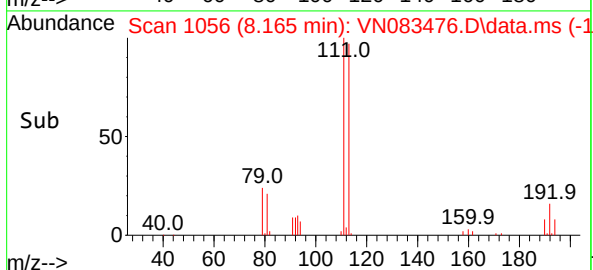
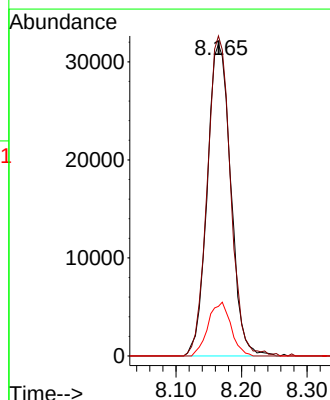
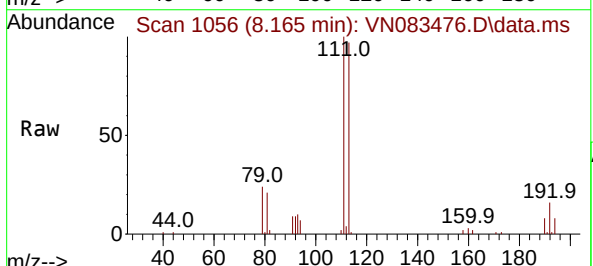
Tgt Ion:113 Resp: 79137

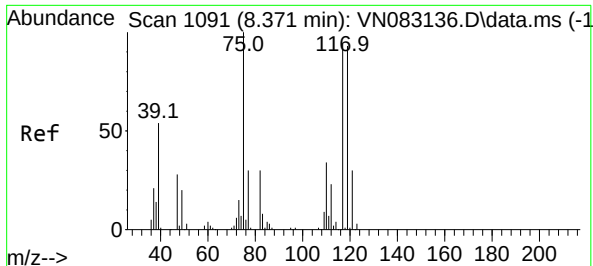
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 16.7 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.821 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

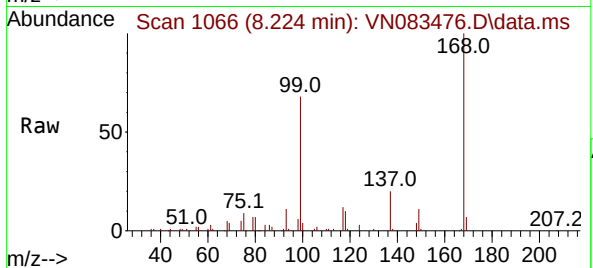
Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

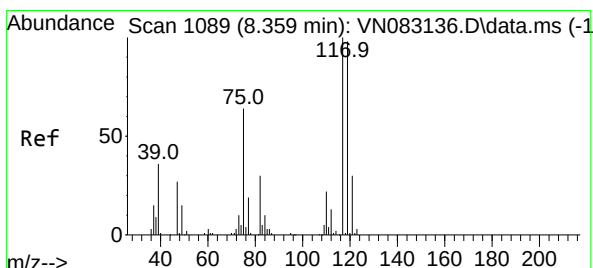
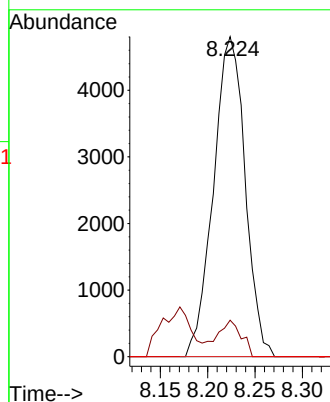
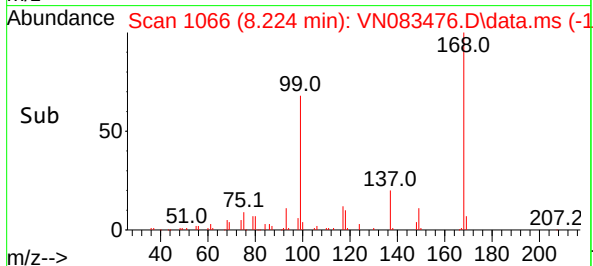
Instrument :

MSVOA\_N

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 11177 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 8.9   | 16.3  | 48.9# |
| 77        | 0.0   | 24.6  | 37.0# |



#38

Carbon Tetrachloride

Concen: 5.279 ug/l

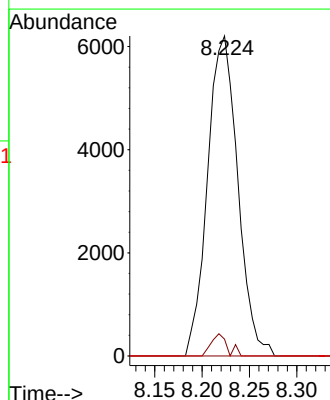
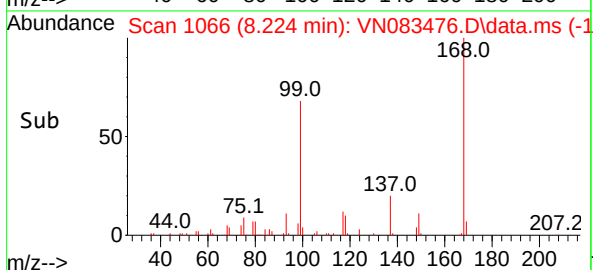
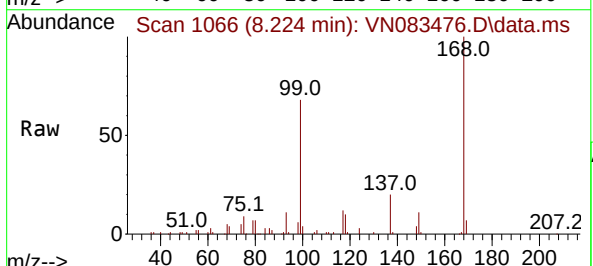
RT: 8.224 min Scan# 1066

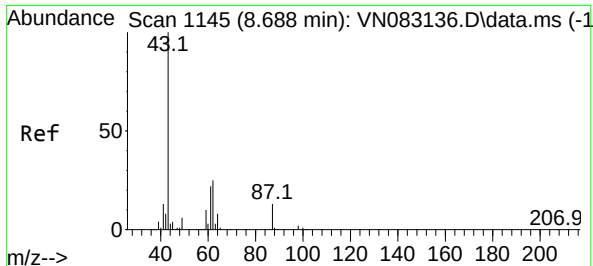
Delta R.T. -0.135 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 13784  |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 5.3   | 74.9  | 112.3# |
| 121       | 0.0   | 24.3  | 36.5#  |





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

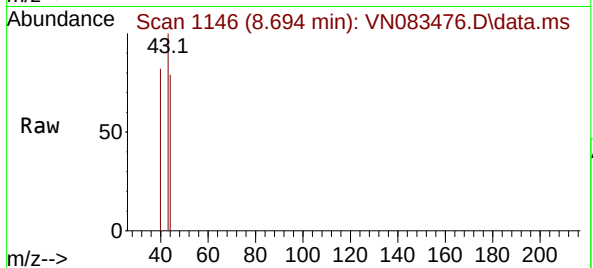
Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :



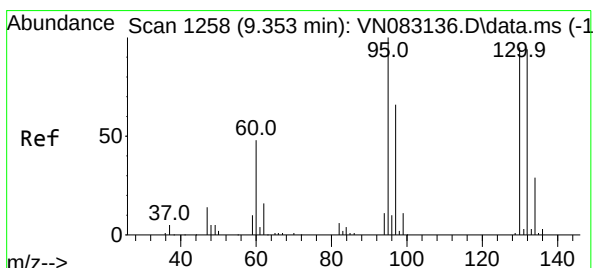
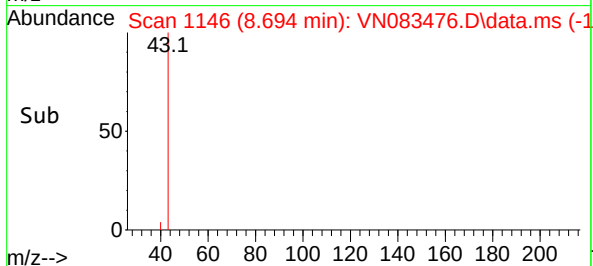
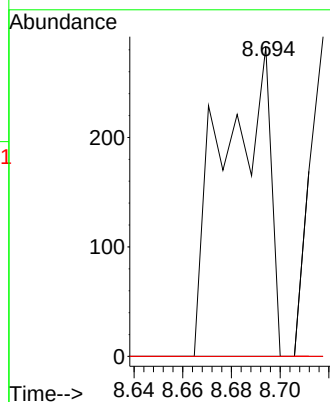
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#44

Trichloroethene

Concen: 6.605 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083476.D

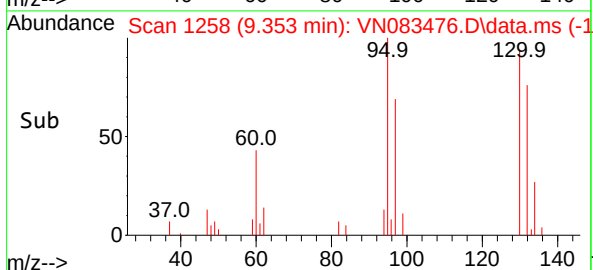
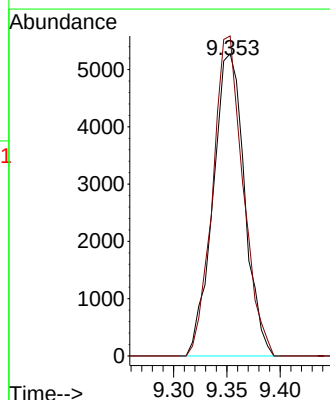
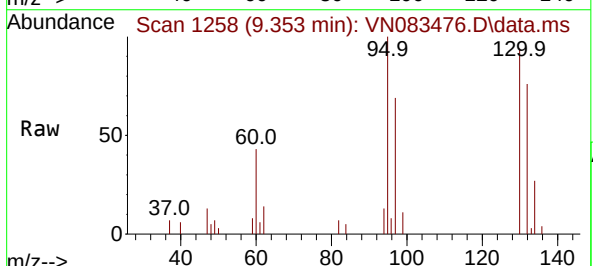
Acq: 26 Aug 2024 12:55

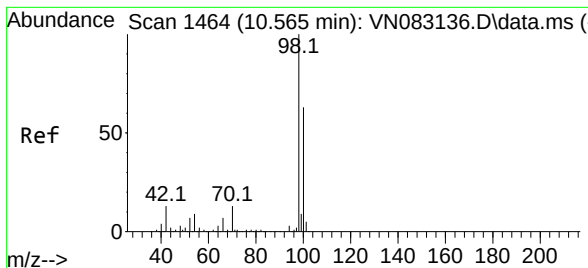
Tgt Ion:130 Resp: 10857

Ion Ratio Lower Upper

130 100

95 105.9 0.0 197.8





#50

Toluene-d8

Concen: 49.311 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

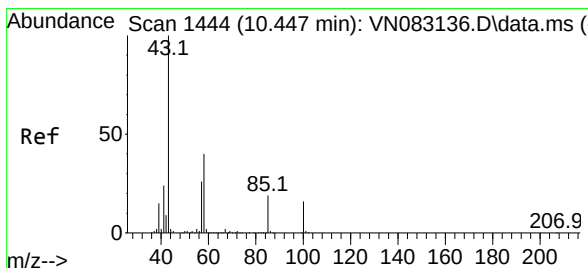
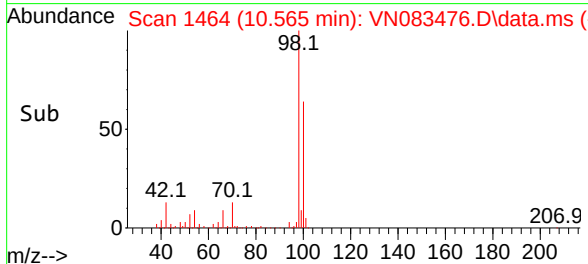
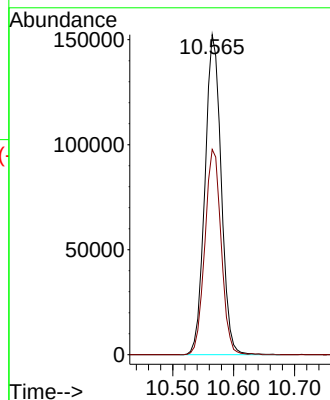
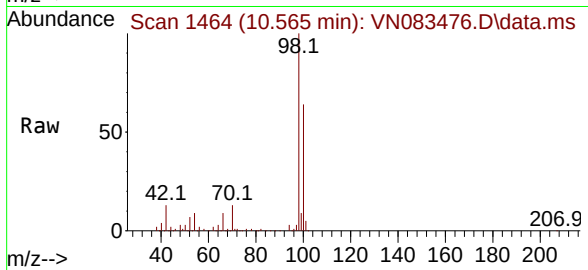
ClientSampleId :

Tgt Ion: 98 Resp: 281904

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.602 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.112 min

Lab File: VN083476.D

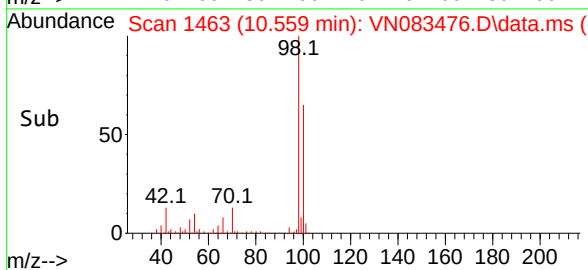
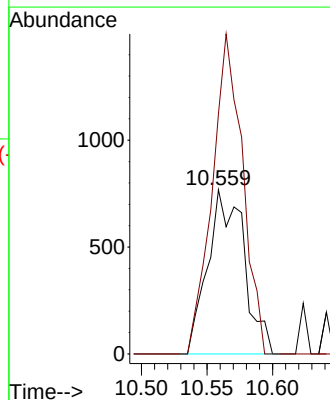
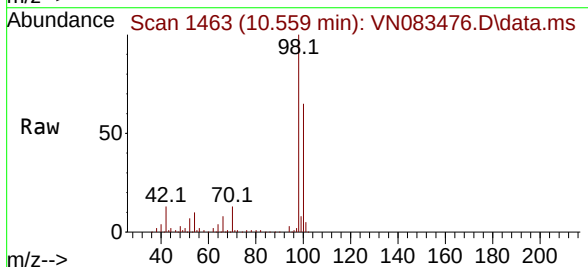
Acq: 26 Aug 2024 12:55

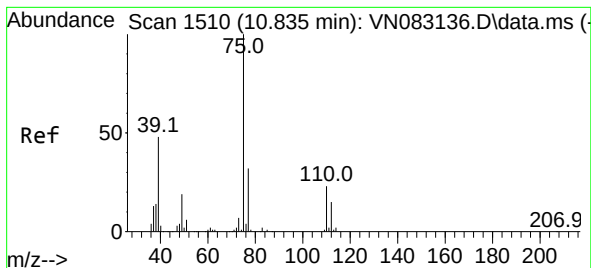
Tgt Ion: 43 Resp: 1477

Ion Ratio Lower Upper

43 100

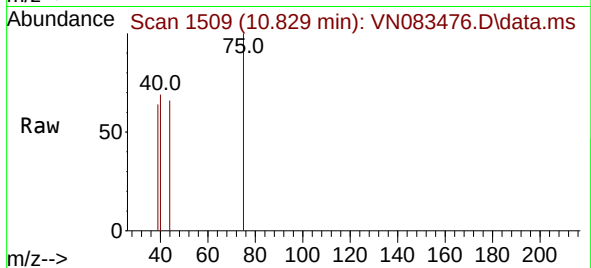
58 163.6 28.2 42.4#



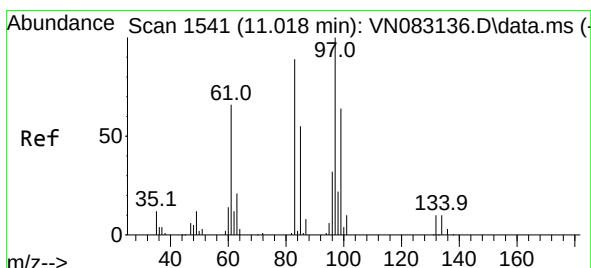
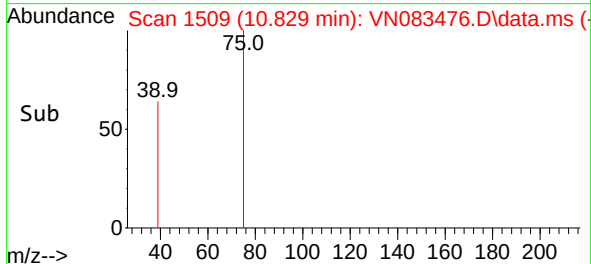
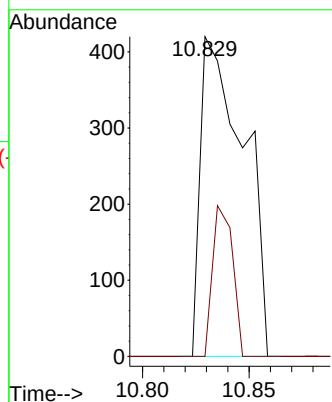


#53  
t-1,3-Dichloropropene  
Concen: 0.219 ug/l  
RT: 10.829 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

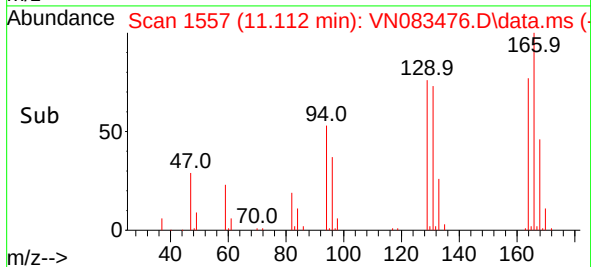
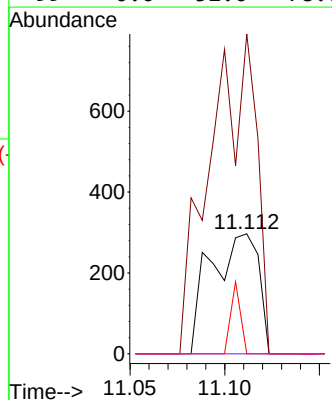
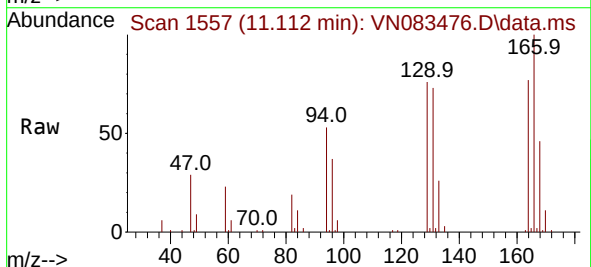


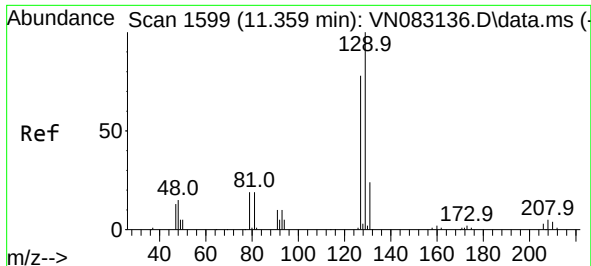
Tgt Ion: 75 Resp: 594  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.7 38.5#



#55  
1,1,2-Trichloroethane  
Concen: 0.335 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. 0.094 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 97 Resp: 524  
Ion Ratio Lower Upper  
97 100  
83 266.3 71.4 107.0#  
85 0.0 45.8 68.6#  
99 0.0 52.0 78.0#

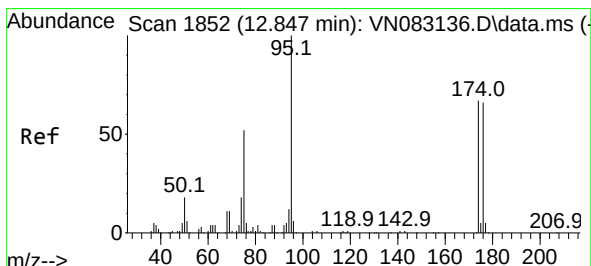
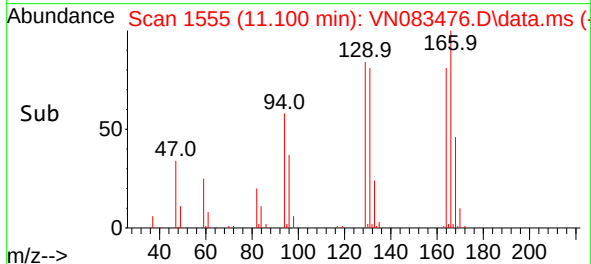
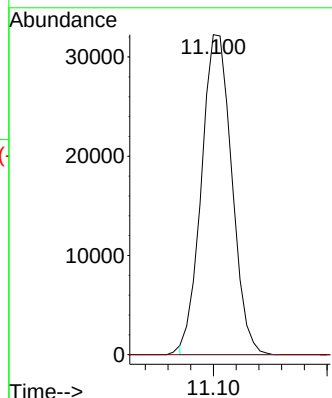
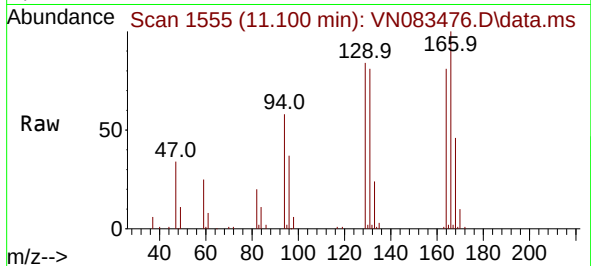




#60  
Dibromochloromethane  
Concen: 31.675 ug/l  
RT: 11.100 min Scan# 11  
Delta R.T. -0.259 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

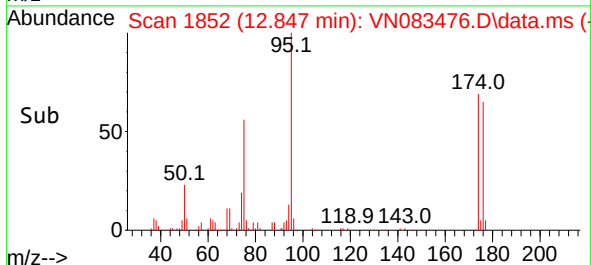
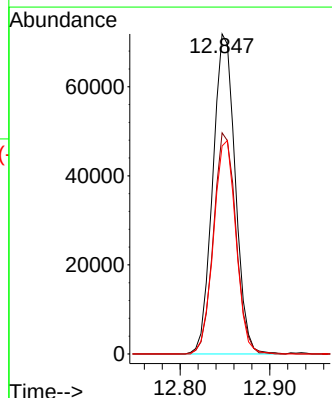
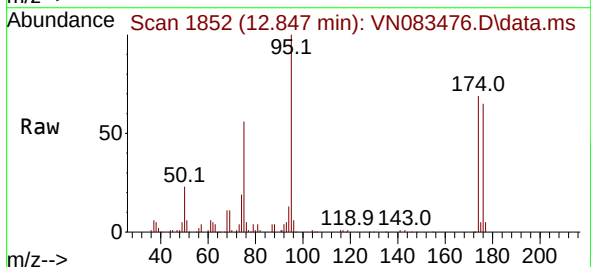
Instrument :  
MSVOA\_N  
ClientSampleId :

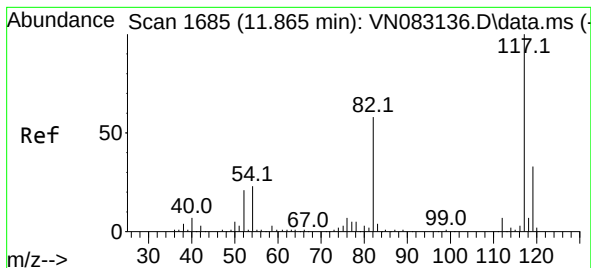
Tgt Ion:129 Resp: 59888  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.2 117.6#



#62  
4-Bromofluorobenzene  
Concen: 55.950 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 95 Resp: 124699  
Ion Ratio Lower Upper  
95 100  
174 69.3 0.0 159.2  
176 66.7 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

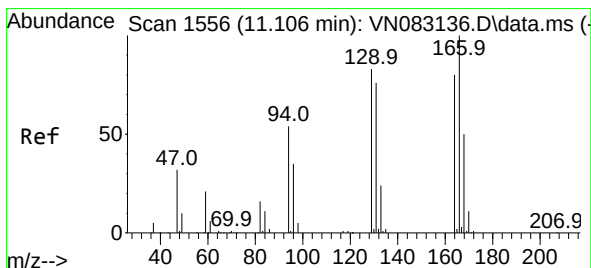
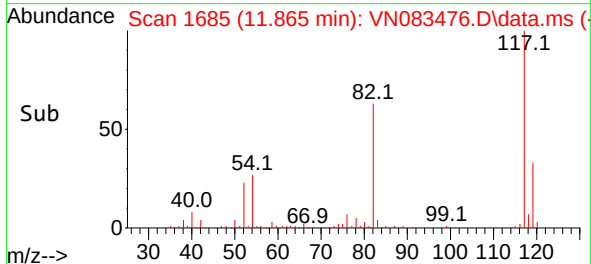
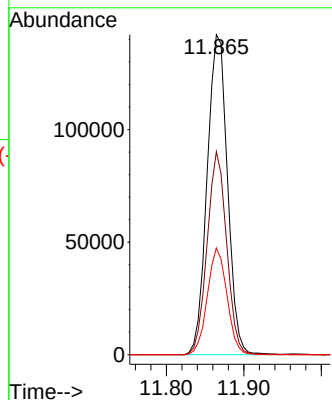
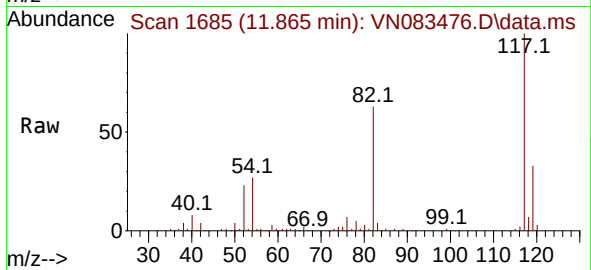
Tgt Ion:117 Resp: 259019

Ion Ratio Lower Upper

117 100

82 63.4 47.5 71.3

119 33.4 25.6 38.4



#64

Tetrachloroethene

Concen: 34.211 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Tgt Ion:164 Resp: 58687

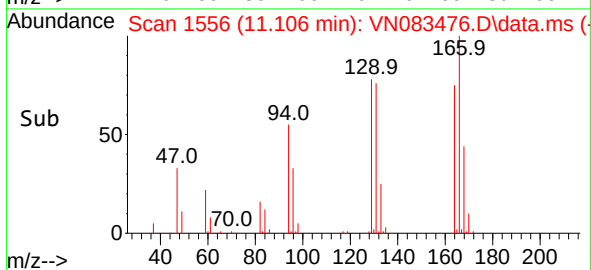
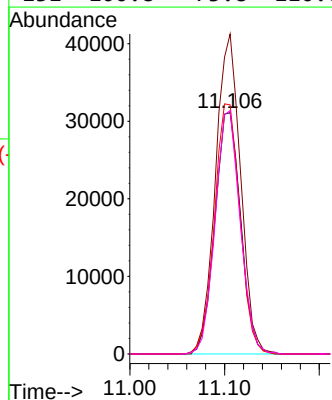
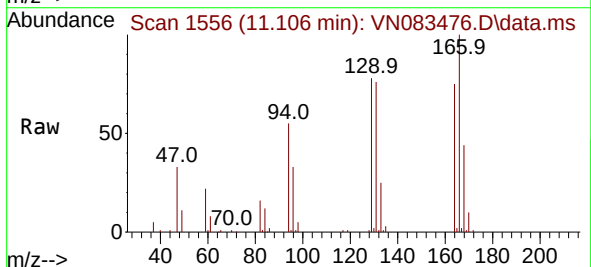
Ion Ratio Lower Upper

164 100

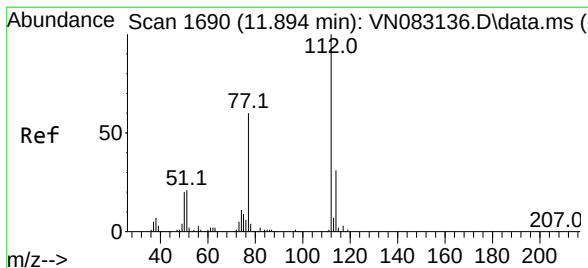
166 132.6 101.4 152.0

129 103.2 75.7 113.5

131 100.8 73.8 110.6



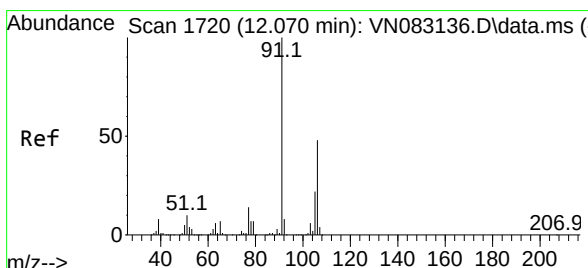
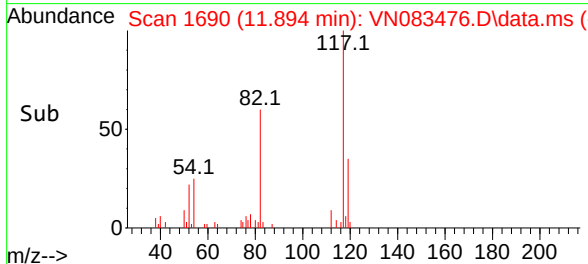
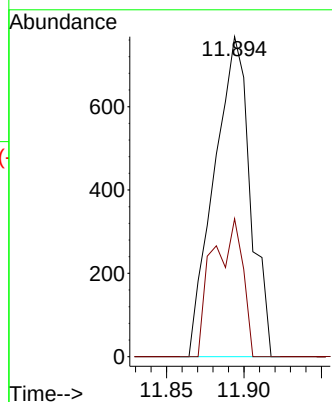
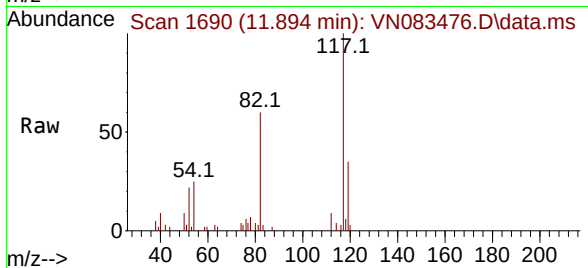




#65  
Chlorobenzene  
Concen: 0.217 ug/l  
RT: 11.894 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

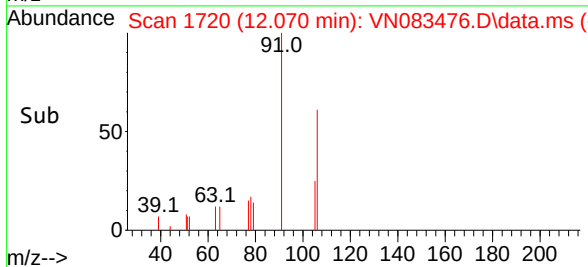
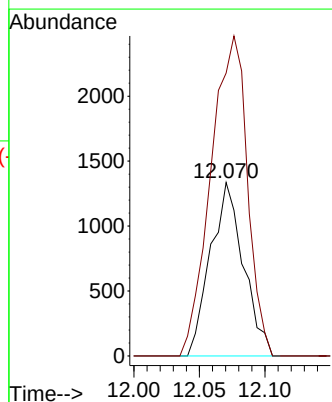
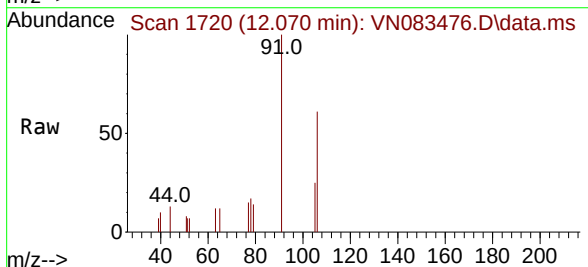
Instrument :  
MSVOA\_N  
ClientSampleId :

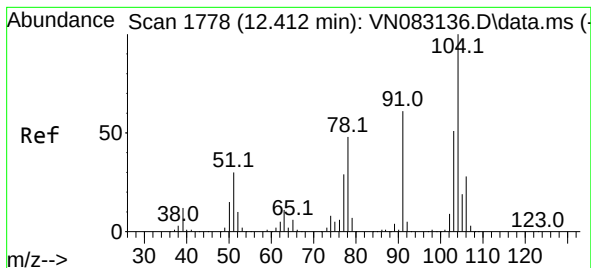
Tgt Ion:112 Resp: 1244  
Ion Ratio Lower Upper  
112 100  
114 43.1 26.2 39.2#



#68  
m/p-Xylenes  
Concen: 0.595 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion:106 Resp: 2341  
Ion Ratio Lower Upper  
106 100  
91 204.0 166.1 249.1





#70

Styrene

Concen: 0.246 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083476.D

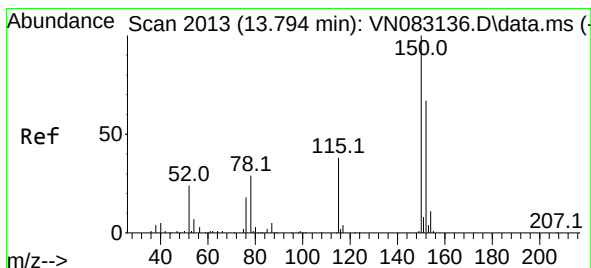
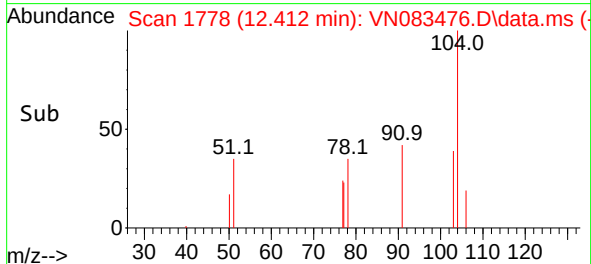
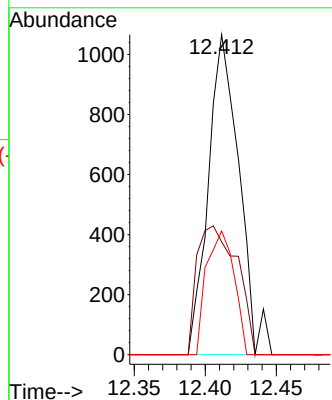
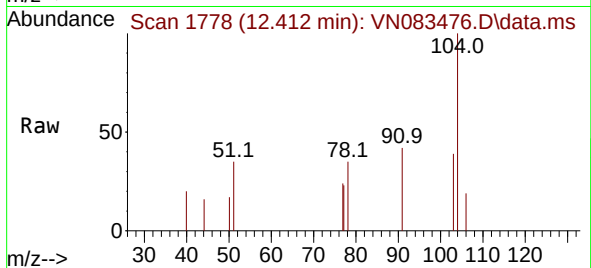
Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 1606       |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 52.5  | 41.6 62.4  |
| 103         | 34.7  | 44.0 66.0# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

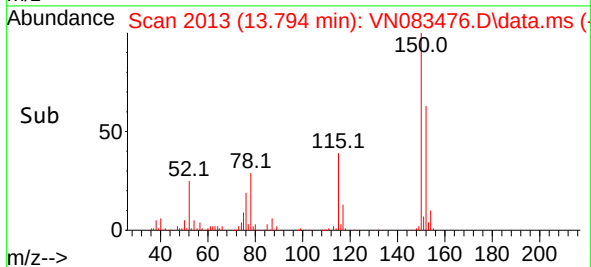
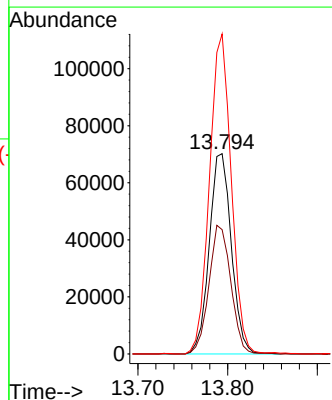
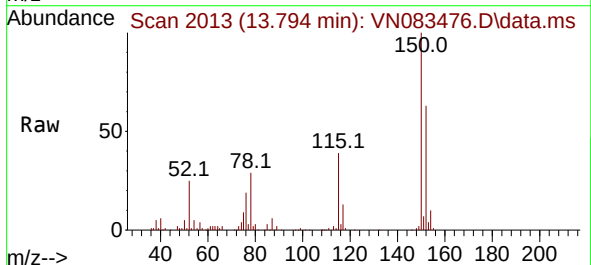
RT: 13.794 min Scan# 2013

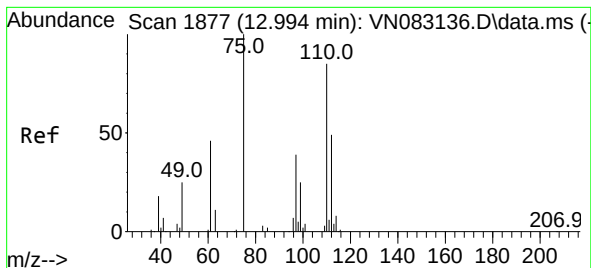
Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 119935    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 63.7  | 30.6 91.6 |
| 150         | 157.5 | 0.0 348.6 |





#76

1,2,3-Trichloropropane

Concen: 25.958 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

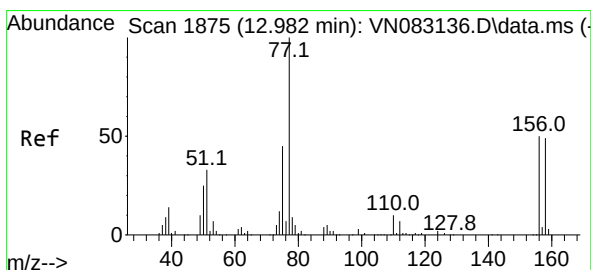
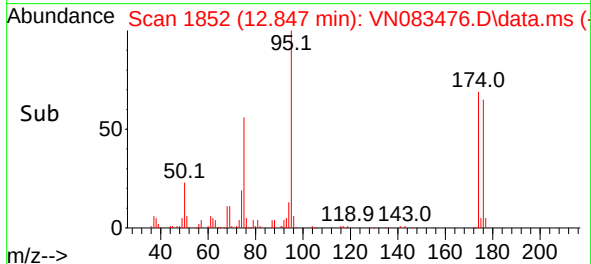
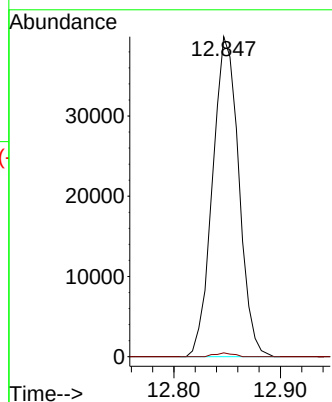
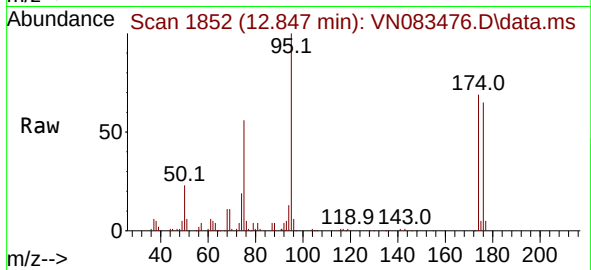
ClientSampleId :

Tgt Ion: 75 Resp: 68328

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#77

Bromobenzene

Concen: 0.313 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

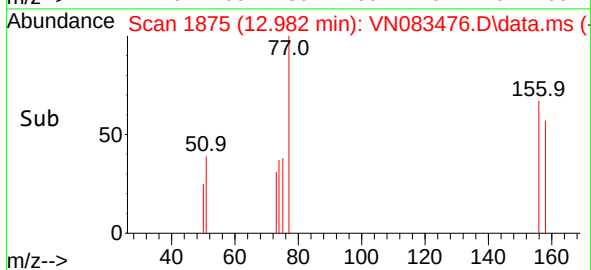
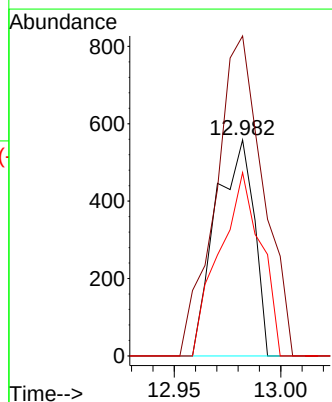
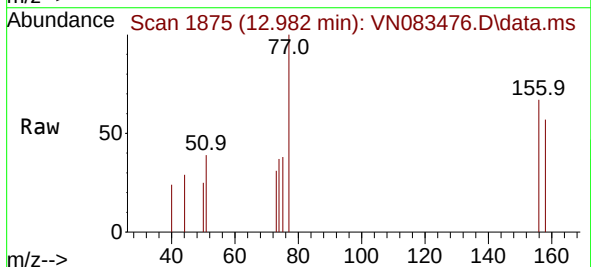
Tgt Ion: 156 Resp: 697

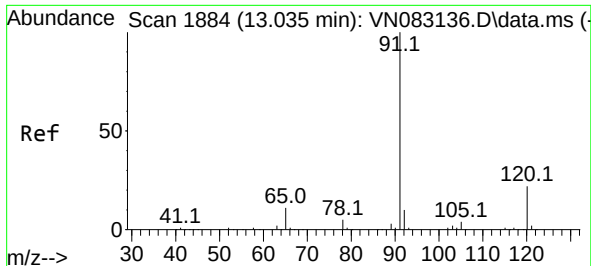
Ion Ratio Lower Upper

156 100

77 183.6 111.3 333.8

158 92.3 48.3 144.9

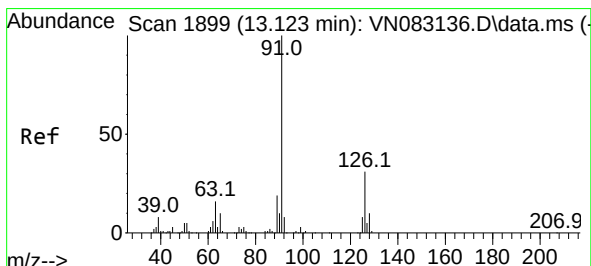
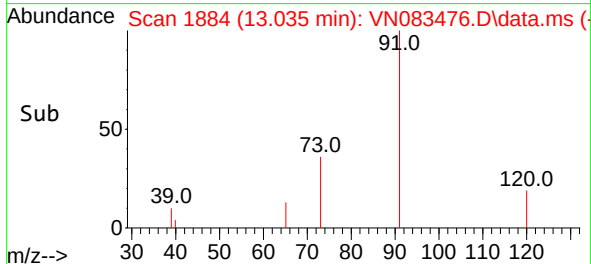
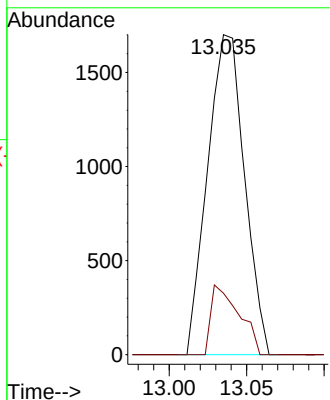
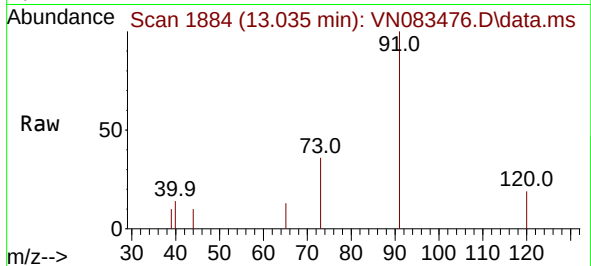




#78  
n-propylbenzene  
Concen: 0.244 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

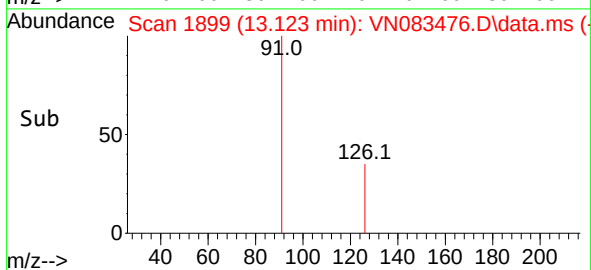
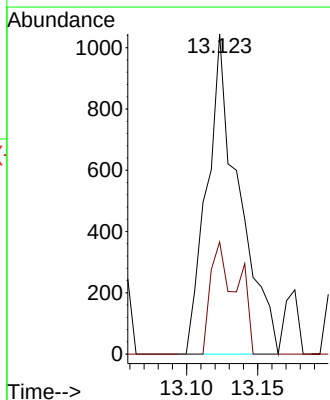
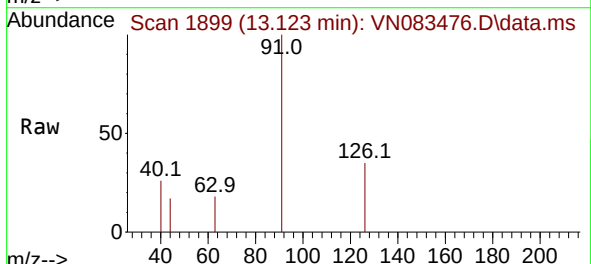
Instrument :  
MSVOA\_N  
ClientSampleId :

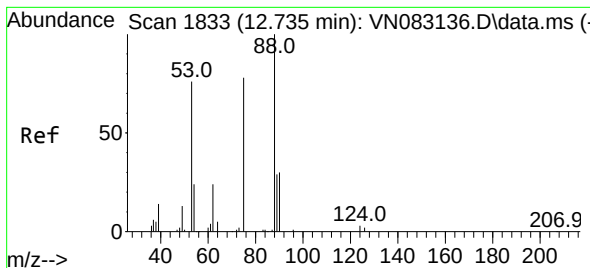
Tgt Ion: 91 Resp: 2819  
Ion Ratio Lower Upper  
91 100  
120 16.5 10.9 32.9



#79  
2-Chlorotoluene  
Concen: 0.223 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 91 Resp: 1635  
Ion Ratio Lower Upper  
91 100  
126 29.0 16.2 48.6

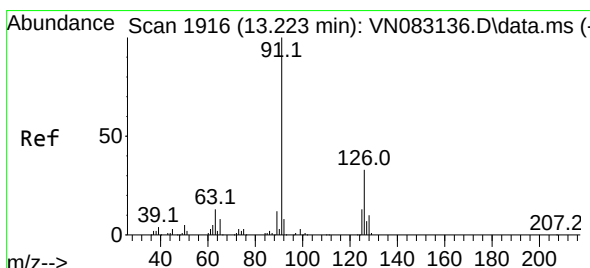
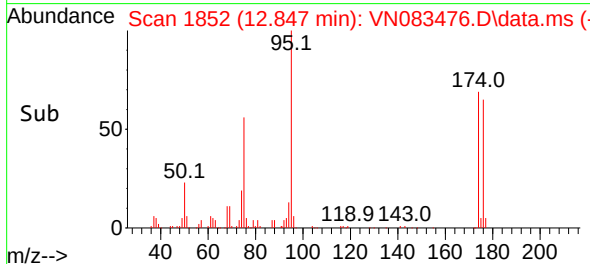
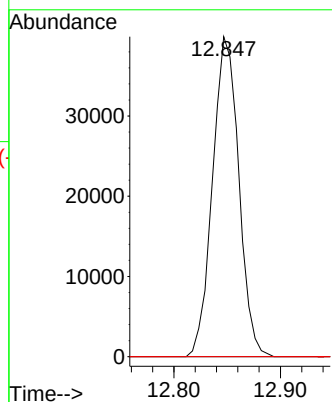
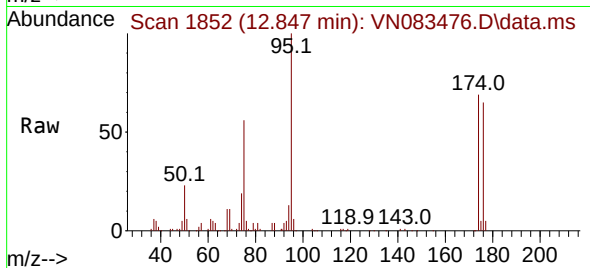




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.464 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

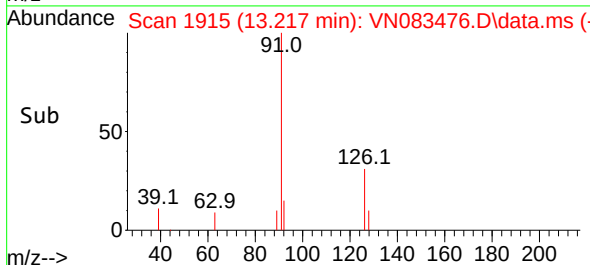
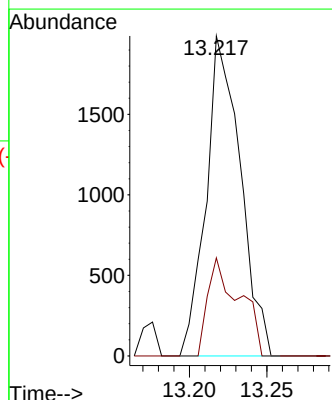
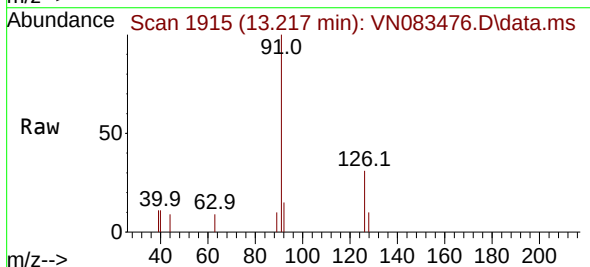
Instrument :  
MSVOA\_N  
ClientSampleId :

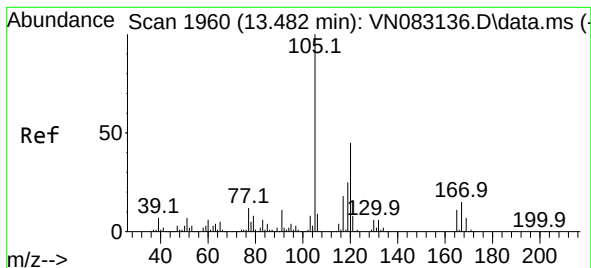
Tgt Ion: 75 Resp: 68328  
Ion Ratio Lower Upper  
75 100  
53 0.0 88.4 132.6#  
89 0.0 36.3 54.5#



#82  
4-Chlorotoluene  
Concen: 0.416 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Tgt Ion: 91 Resp: 3053  
Ion Ratio Lower Upper  
91 100  
126 28.1 16.2 48.6





#84

1,2,4-Trimethylbenzene

Concen: 0.217 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

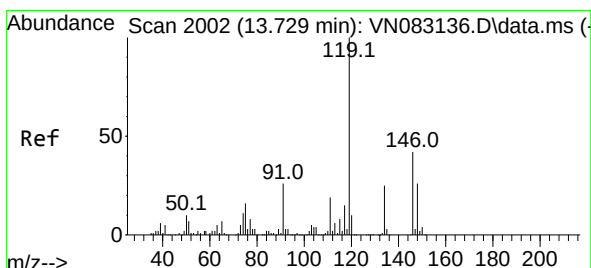
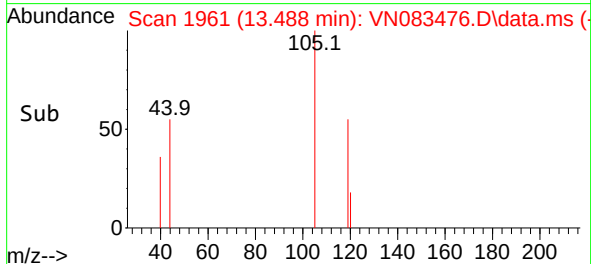
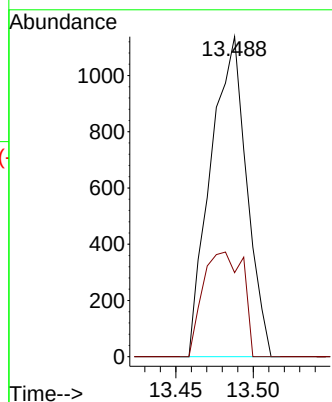
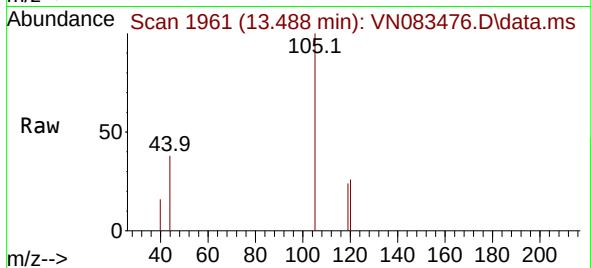
ClientSampleId :

Tgt Ion:105 Resp: 1837

Ion Ratio Lower Upper

105 100

120 36.2 21.9 65.8



#86

p-Isopropyltoluene

Concen: 0.215 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

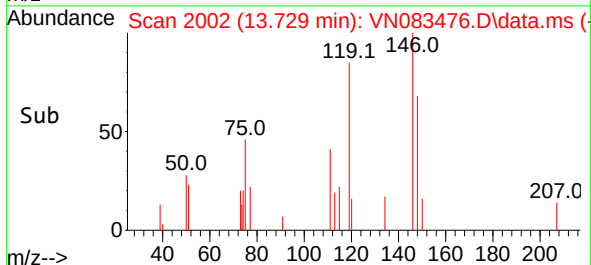
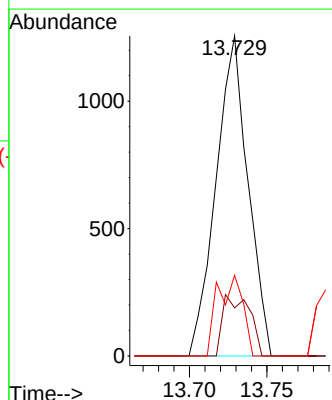
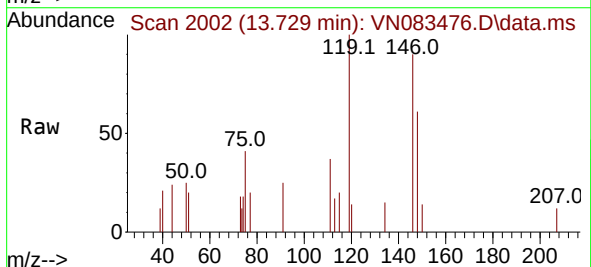
Tgt Ion:119 Resp: 1799

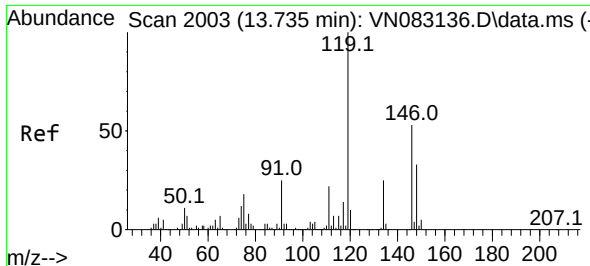
Ion Ratio Lower Upper

119 100

134 15.9 13.0 39.0

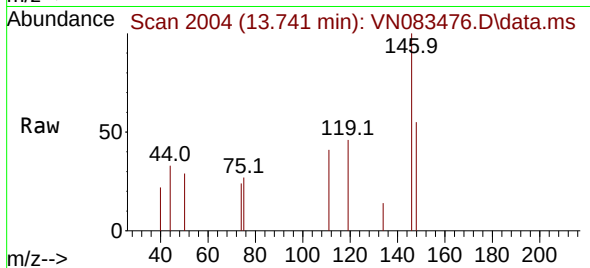
91 19.8 12.3 36.9



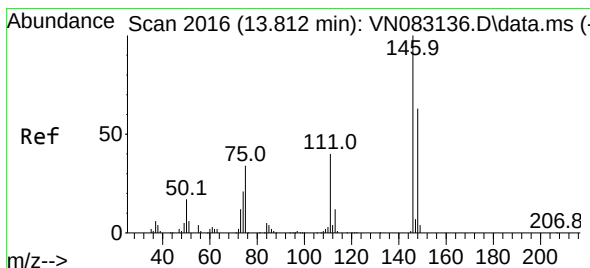
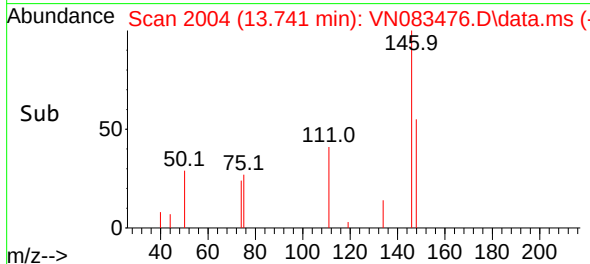
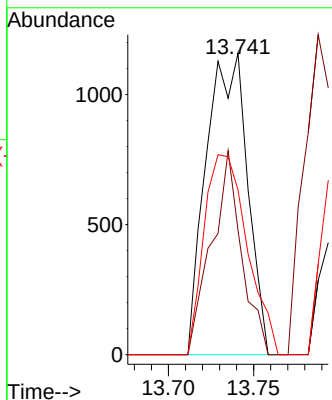


#87  
1,3-Dichlorobenzene  
Concen: 0.463 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. 0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

Instrument :  
MSVOA\_N  
ClientSampleId :

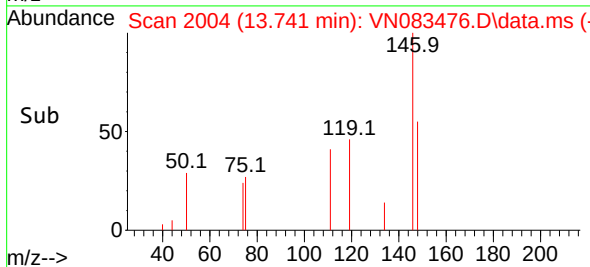
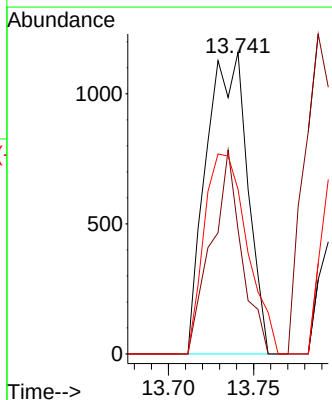
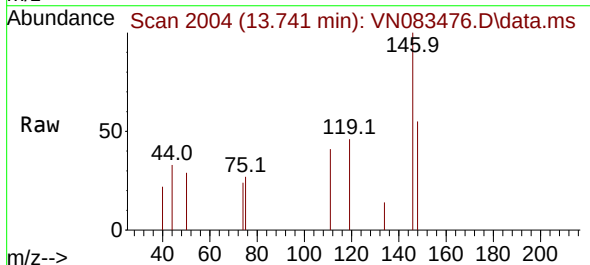


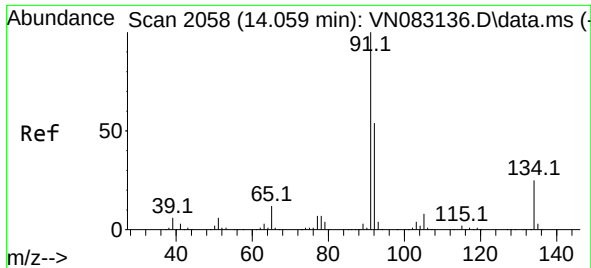
Tgt Ion:146 Resp: 1943  
Ion Ratio Lower Upper  
146 100  
111 49.5 20.6 61.9  
148 69.7 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 0.460 ug/l  
RT: 13.741 min Scan# 2004  
Delta R.T. -0.071 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

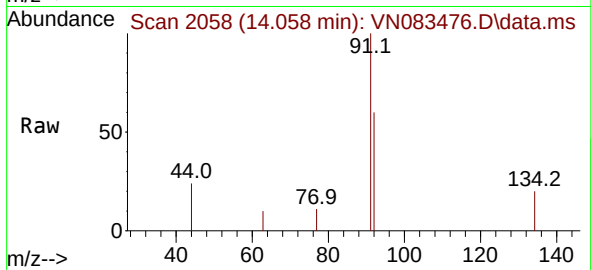
Tgt Ion:146 Resp: 1943  
Ion Ratio Lower Upper  
146 100  
111 49.5 20.1 60.3  
148 69.7 32.2 96.6



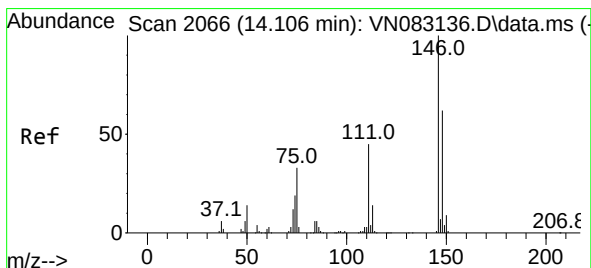
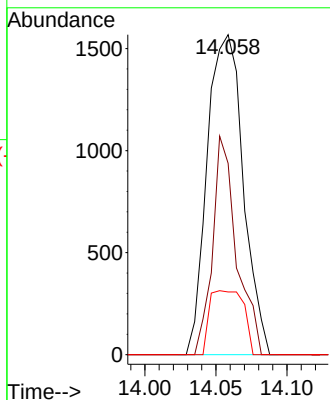
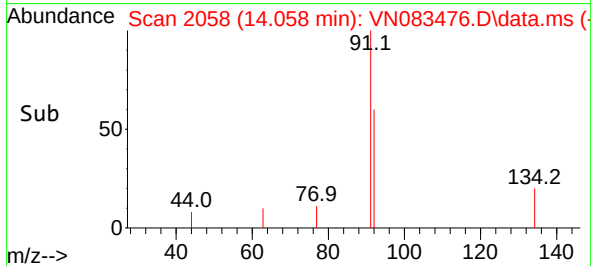


#89  
n-Butylbenzene  
Concen: 0.381 ug/l  
RT: 14.058 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55

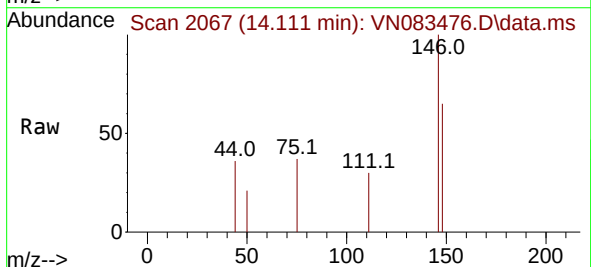
Instrument :  
MSVOA\_N  
ClientSampleId :



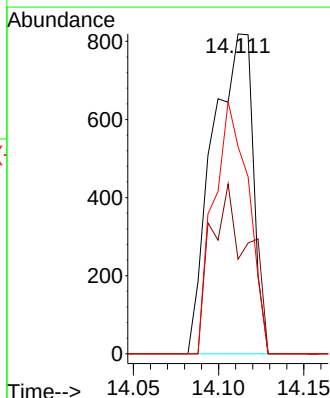
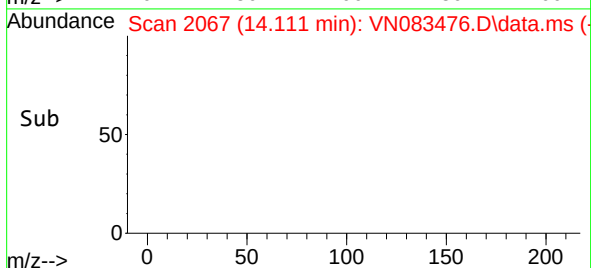
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 2767  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 45.5  | 26.1  | 78.3  |
| 134      | 18.8  | 12.1  | 36.3  |



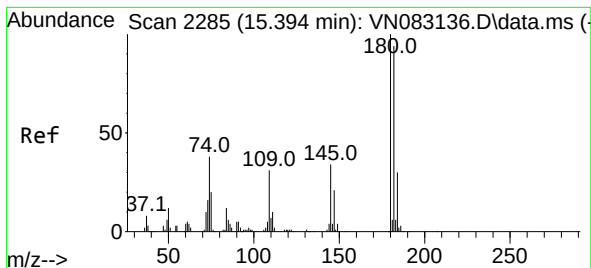
#91  
1,2-Dichlorobenzene  
Concen: 0.333 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. 0.006 min  
Lab File: VN083476.D  
Acq: 26 Aug 2024 12:55



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 1351  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 49.1  | 21.4  | 64.2  |
| 148      | 67.9  | 32.1  | 96.5  |







#93

1,2,4-Trichlorobenzene

Concen: 0.743 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

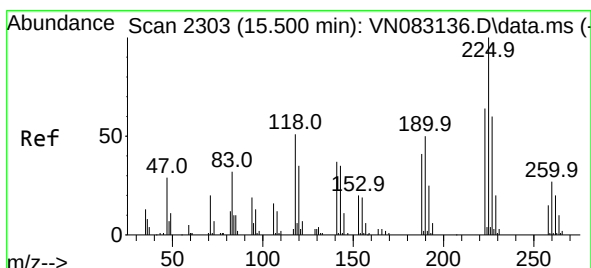
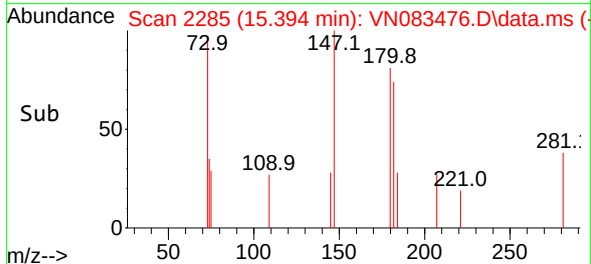
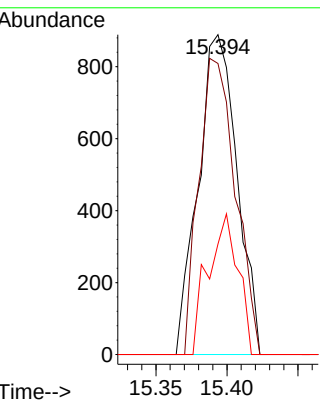
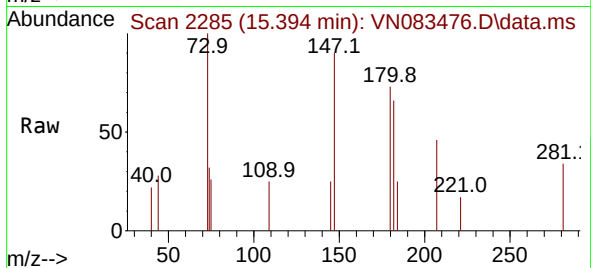
Tgt Ion:180 Resp: 1688

Ion Ratio Lower Upper

180 100

182 87.5 47.3 141.8

145 33.9 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.483 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

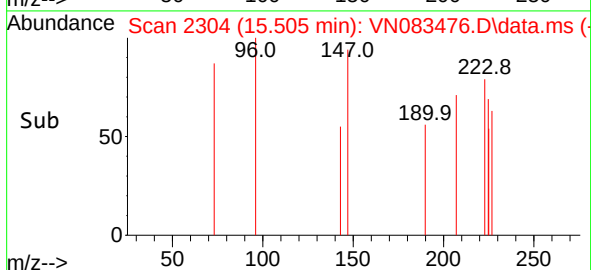
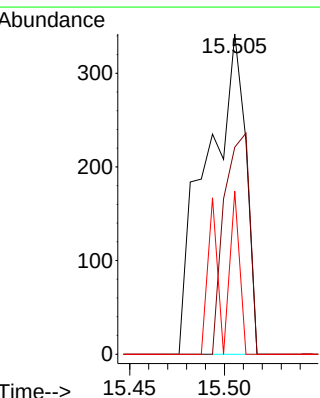
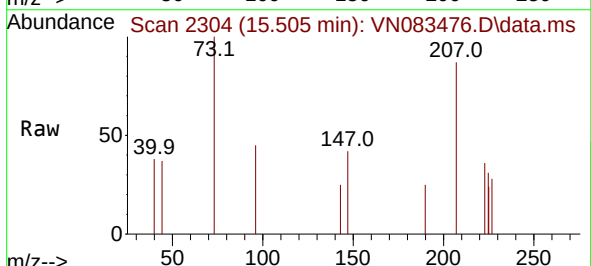
Tgt Ion:225 Resp: 488

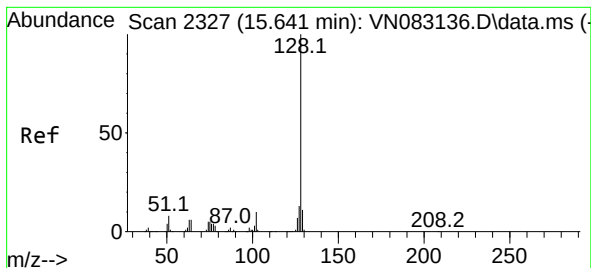
Ion Ratio Lower Upper

225 100

223 45.1 31.9 95.7

227 24.6 32.5 97.5#





#95

Naphthalene

Concen: 0.573 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083476.D

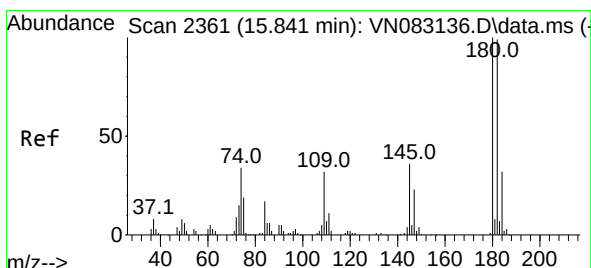
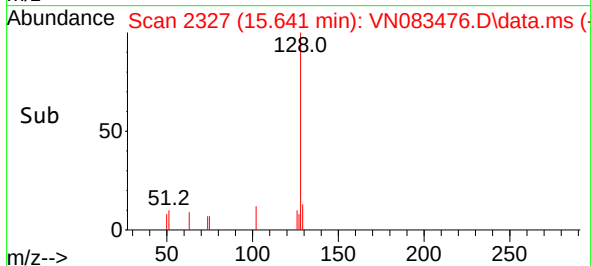
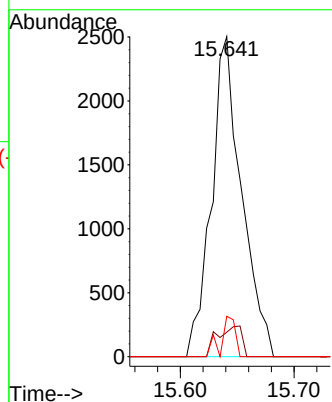
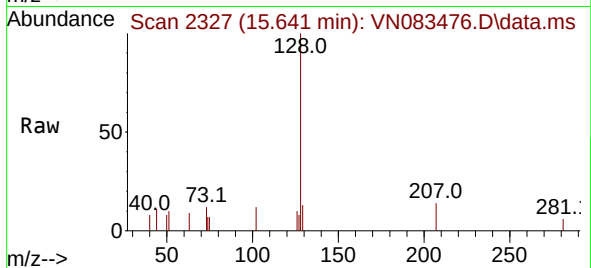
Acq: 26 Aug 2024 12:55

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 4611       |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 7.7   | 10.6 16.0# |
| 129         | 5.9   | 8.6 12.8#  |



#96

1,2,3-Trichlorobenzene

Concen: 0.575 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083476.D

Acq: 26 Aug 2024 12:55

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 1294       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 112.6 | 48.9 146.8 |
| 145         | 13.1  | 16.8 50.4# |

