

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122324\  
 Data File : VN085294.D  
 Acq On : 23 Dec 2024 15:14  
 Operator : JC\MD  
 Sample : P5371-02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 24 04:10:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 19 06:31:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.218          | 168  | 197251     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 9.094          | 114  | 350073     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.859         | 117  | 303609     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.788         | 152  | 148469     | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.577          | 65   | 147265     | 42.715    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 85.420%   |        |          |
| 35) Dibromofluoromethane      | 8.165          | 113  | 80934      | 32.884    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 65.760%#  |        |          |
| 50) Toluene-d8                | 10.559         | 98   | 422663     | 46.986    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 93.980%   |        |          |
| 62) 4-Bromofluorobenzene      | 12.841         | 95   | 161089     | 50.137    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = | 100.280%  |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 3) Chloromethane              | 2.359          | 50   | 619        | 0.207     | ug/l   | 92       |
| 4) Vinyl Chloride             | 2.518          | 62   | 5446       | 1.941     | ug/l   | 91       |
| 5) Bromomethane               | 2.971          | 94   | 456        | 0.248     | ug/l # | 70       |
| 6) Chloroethane               | 3.124          | 64   | 133        | Below Cal | #      | 42       |
| 16) Acetone                   | 4.424          | 43   | 23166      | 19.466    | ug/l # | 83       |
| 17) Carbon Disulfide          | 4.718          | 76   | 9001       | 1.172     | ug/l   | 99       |
| 20) Methylene Chloride        | 5.289          | 84   | 897        | 0.345     | ug/l # | 65       |
| 25) 2-Butanone                | 7.477          | 43   | 6428       | 3.527     | ug/l # | 74       |
| 27) cis-1,2-Dichloroethene    | 7.482          | 96   | 64343      | 22.264    | ug/l   | 86       |
| 28) Bromochloromethane        | 7.965          | 49   | 1864       | 0.767     | ug/l # | 18       |
| 29) Tetrahydrofuran           | 7.847          | 42   | 766        | 0.652     | ug/l # | 73       |
| 30) Chloroform                | 7.965          | 83   | 22047      | 4.285     | ug/l   | 97       |
| 31) Cyclohexane               | 8.212          | 56   | 5924       | 1.328     | ug/l # | 38       |
| 36) 1,1-Dichloropropene       | 8.218          | 75   | 18096      | 5.280     | ug/l # | 51       |
| 37) Ethyl Acetate             | 7.477          | 43   | 6428       | 1.626     | ug/l # | 1        |
| 38) Carbon Tetrachloride      | 8.224          | 117  | 21600      | 5.213     | ug/l # | 17       |
| 39) Methylcyclohexane         | 9.588          | 83   | 2085       | 0.585     | ug/l # | 65       |
| 40) Benzene                   | 8.600          | 78   | 1044213    | 97.942    | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.600          | 62   | 9782       | 2.409     | ug/l # | 77       |
| 44) Trichloroethene           | 9.353          | 130  | 5799       | 2.443     | ug/l   | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.435         | 43   | 1410       | 0.371     | ug/l   | 97       |
| 52) Toluene                   | 10.623         | 92   | 1287007    | 200.761   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.623         | 75   | 17453      | 4.435     | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 10.882         | 97   | 12159      | 5.065     | ug/l # | 18       |
| 56) Ethyl methacrylate        | 10.876         | 69   | 915        | 2.428     | ug/l # | 21       |
| 65) Chlorobenzene             | 12.035         | 112  | 7657       | 1.122     | ug/l # | 42       |
| 67) Ethyl Benzene             | 11.959         | 91   | 5381130    | 460.016   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.065         | 106  | 786994     | 179.883   | ug/l   | 98       |
| 69) o-Xylene                  | 12.394         | 106  | 531523     | 129.252   | ug/l   | 97       |
| 70) Styrene                   | 12.394         | 104  | 31855      | 4.640     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.688         | 105  | 217767     | 20.333    | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 13.088         | 75   | 6605       | 1.866     | ug/l # | 1        |
| 78) n-propylbenzene           | 13.029         | 91   | 73620      | 5.605     | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123         | 91   | 53410      | 6.404     | ug/l # | 44       |
| 80) 1,3,5-Trimethylbenzene    | 13.170         | 105  | 165585     | 18.536    | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-b... | 12.688         | 75   | 4251       | 3.190     | ug/l # | 61       |

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Sample : P5371-02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Dec 24 04:10:46 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 19 06:31:00 2024  
Response via : Initial Calibration

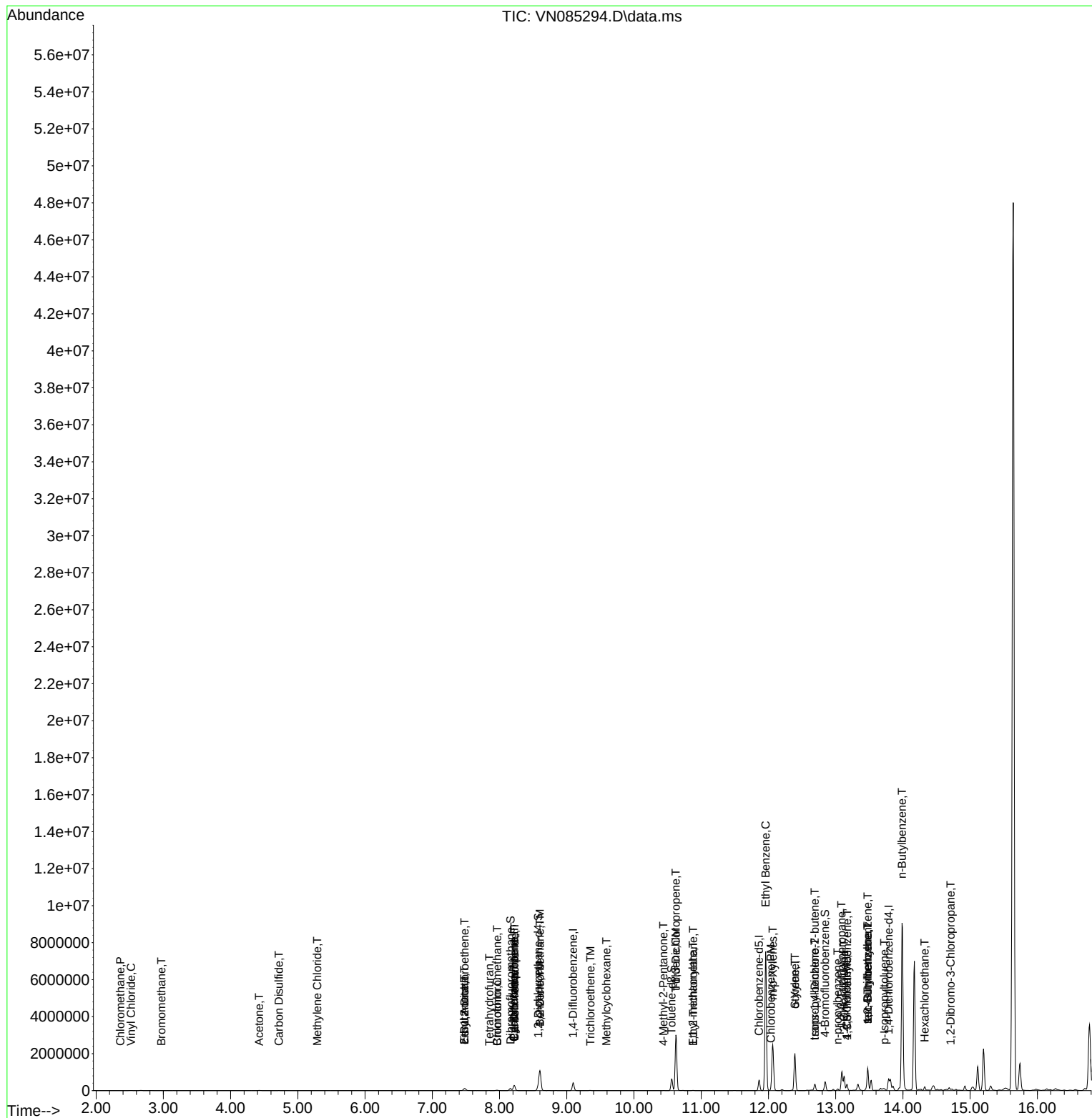
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 82) 4-Chlorotoluene           | 13.164 | 91   | 19867    | 2.354   | ug/l # | 43       |
| 83) tert-Butylbenzene         | 13.476 | 119  | 82226    | 10.853  | ug/l # | 61       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 665630   | 72.894  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.476 | 105  | 665630   | 63.020  | ug/l # | 58       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 32803    | 5.031   | ug/l # | 74       |
| 89) n-Butylbenzene            | 13.988 | 91   | 855086   | 110.085 | ug/l # | 44       |
| 90) Hexachloroethane          | 14.323 | 117  | 14930    | 7.695   | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.711 | 75   | 1609     | 2.199   | ug/l # | 10       |

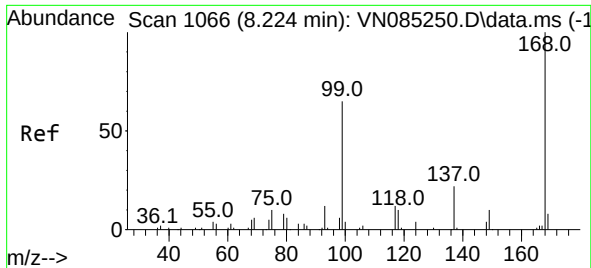
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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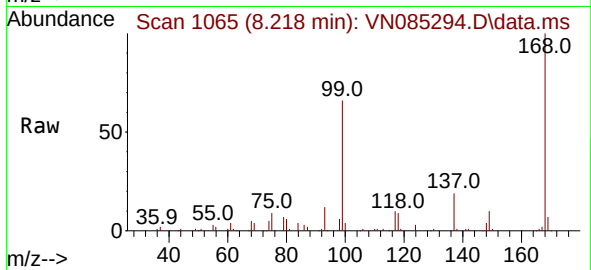
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121824W.M  
Quant Title : SW846 8260  
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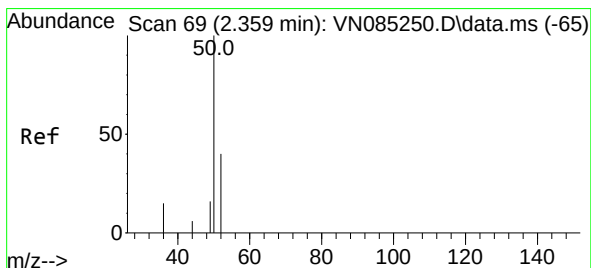
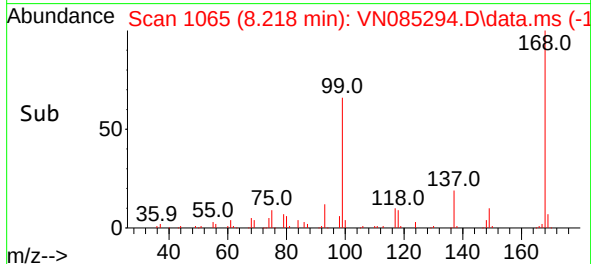
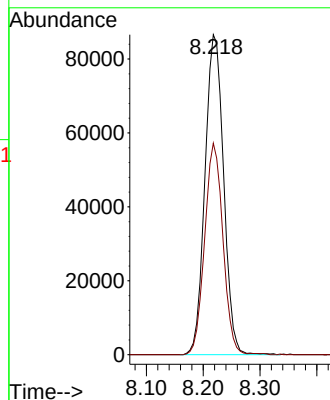


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Instrument :  
MSVOA\_N  
ClientSampleId :

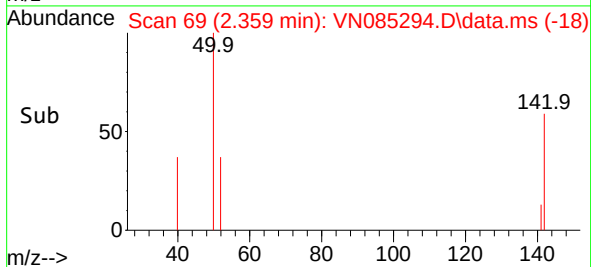
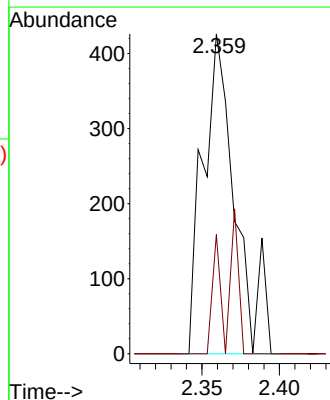
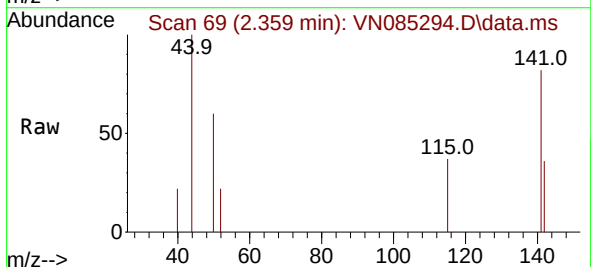


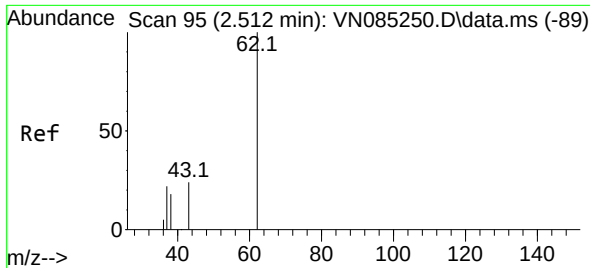
Tgt Ion:168 Resp: 197251  
Ion Ratio Lower Upper  
168 100  
99 66.1 50.7 76.1



#3  
Chloromethane  
Concen: 0.207 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

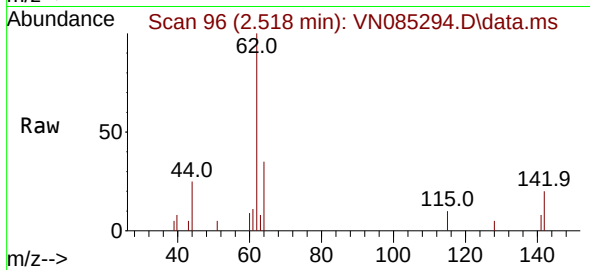
Tgt Ion: 50 Resp: 619  
Ion Ratio Lower Upper  
50 100  
52 37.3 26.2 39.2



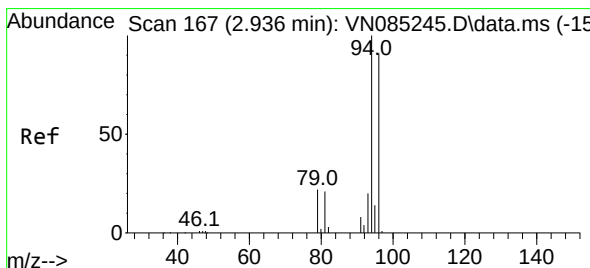
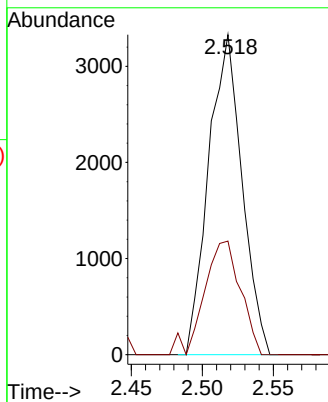
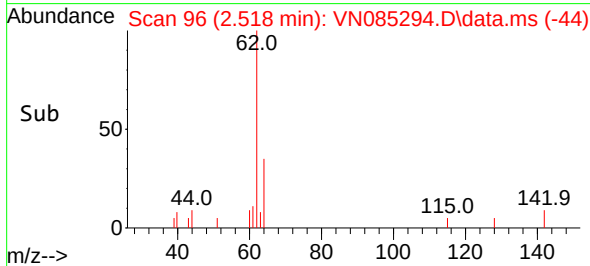


#4  
 Vinyl Chloride  
 Concen: 1.941 ug/l  
 RT: 2.518 min Scan# 90  
 Delta R.T. 0.006 min  
 Lab File: VN085294.D  
 Acq: 23 Dec 2024 15:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :

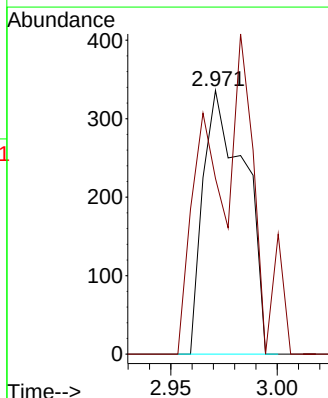
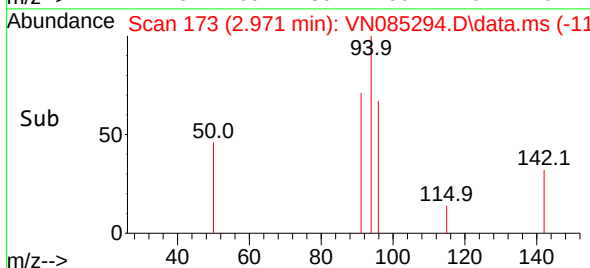
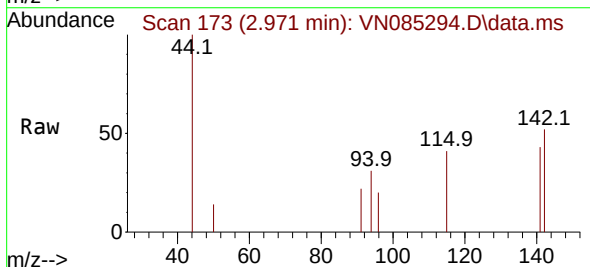


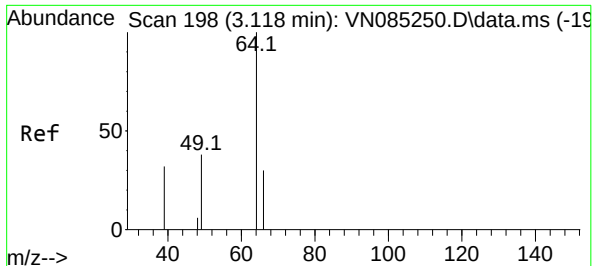
Tgt Ion: 62 Resp: 5446  
 Ion Ratio Lower Upper  
 62 100  
 64 35.5 24.5 36.7



#5  
 Bromomethane  
 Concen: 0.248 ug/l  
 RT: 2.971 min Scan# 173  
 Delta R.T. 0.023 min  
 Lab File: VN085294.D  
 Acq: 23 Dec 2024 15:14

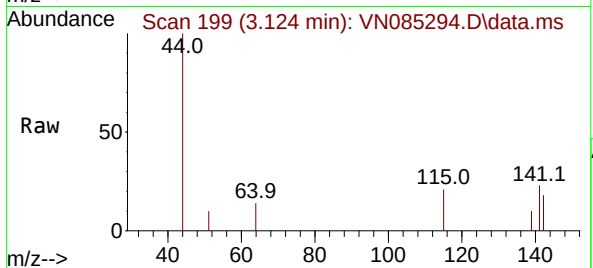
Tgt Ion: 94 Resp: 456  
 Ion Ratio Lower Upper  
 94 100  
 96 66.7 76.8 115.2#



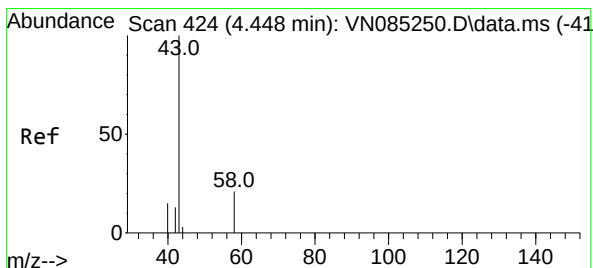
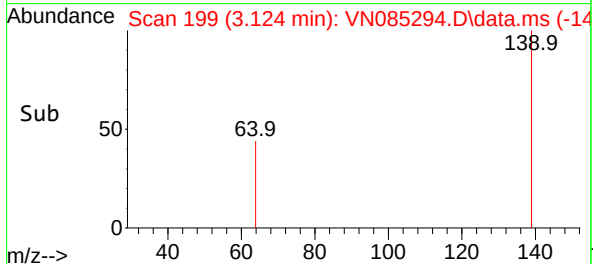
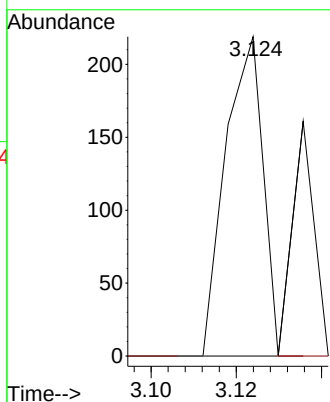


#6  
Chloroethane  
Concen: Below Cal  
RT: 3.124 min Scan# 198  
Delta R.T. 0.012 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Instrument :  
MSVOA\_N  
ClientSampleId :

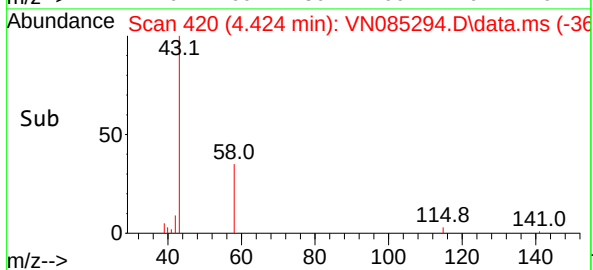
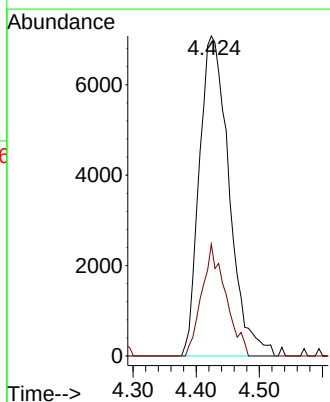
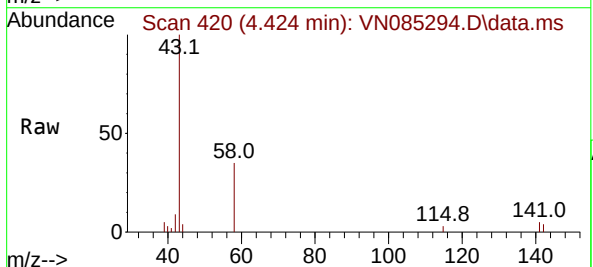


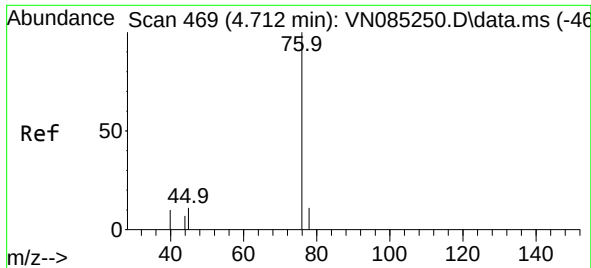
Tgt Ion: 64 Resp: 133  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.3 39.5#



#16  
Acetone  
Concen: 19.466 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 43 Resp: 23166  
Ion Ratio Lower Upper  
43 100  
58 34.9 20.8 31.2#

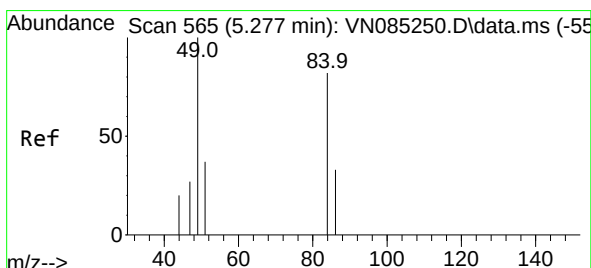
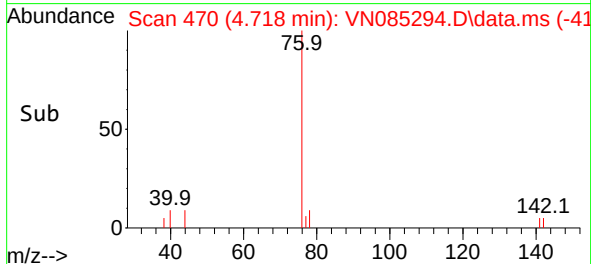
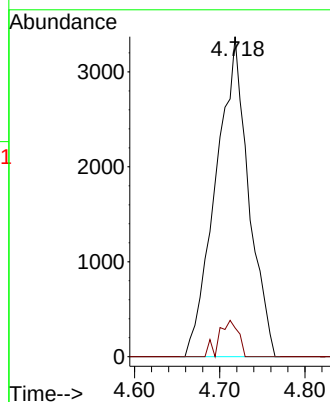
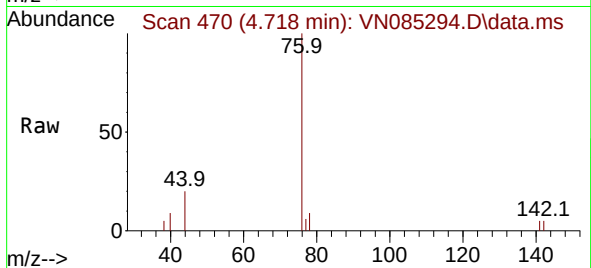




#17  
Carbon Disulfide  
Concen: 1.172 ug/l  
RT: 4.718 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

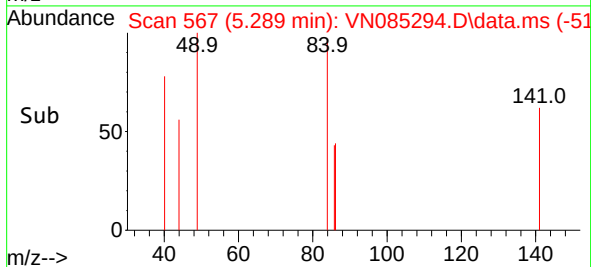
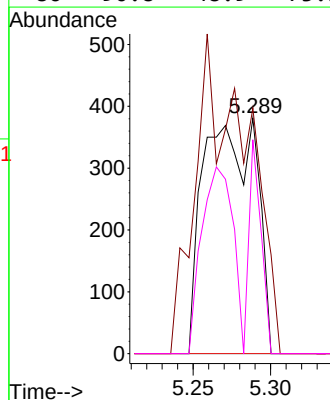
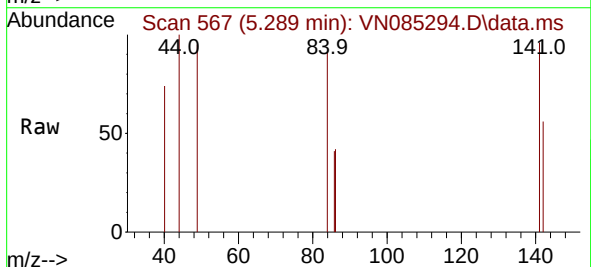
Instrument :  
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ClientSampleId :

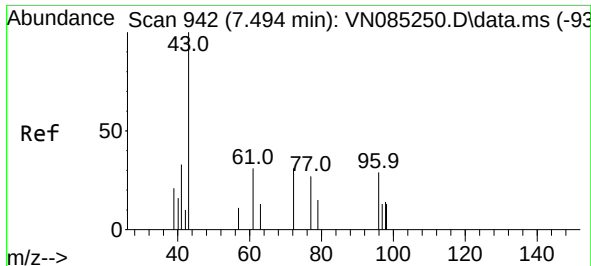
Tgt Ion: 76 Resp: 9001  
Ion Ratio Lower Upper  
76 100  
78 9.0 6.8 10.2



#20  
Methylene Chloride  
Concen: 0.345 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.012 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 84 Resp: 897  
Ion Ratio Lower Upper  
84 100  
49 104.2 103.6 155.4  
51 0.0 34.2 51.2#  
86 90.8 48.9 73.3#





#25

2-Butanone

Concen: 3.527 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

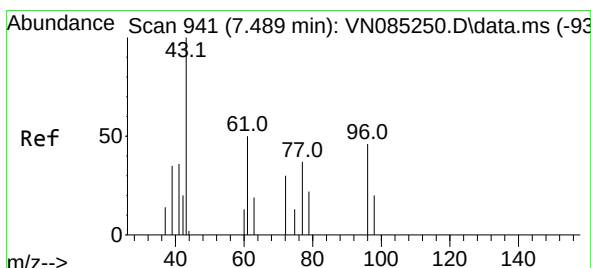
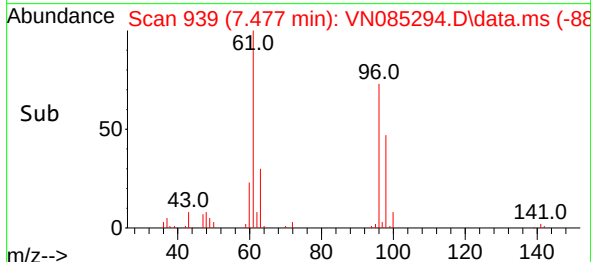
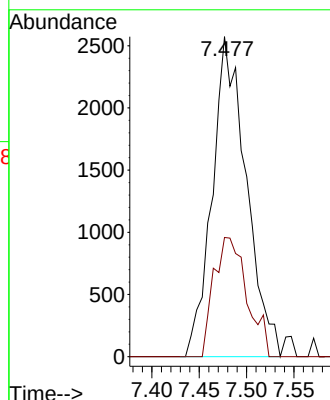
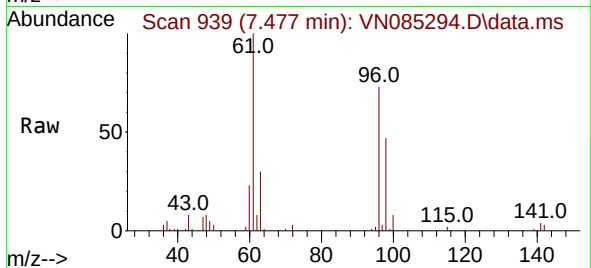
ClientSampleId :

Tgt Ion: 43 Resp: 6428

Ion Ratio Lower Upper

43 100

72 37.2 19.6 29.4#



#27

cis-1,2-Dichloroethene

Concen: 22.264 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

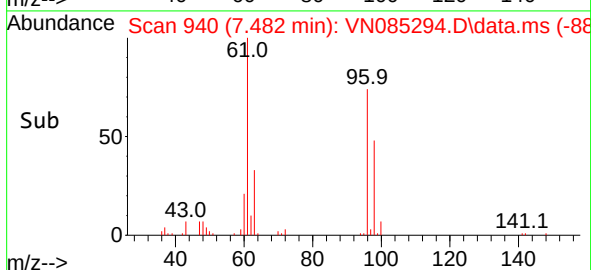
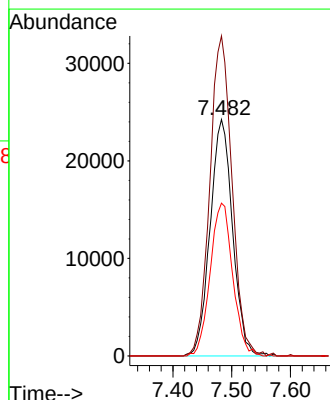
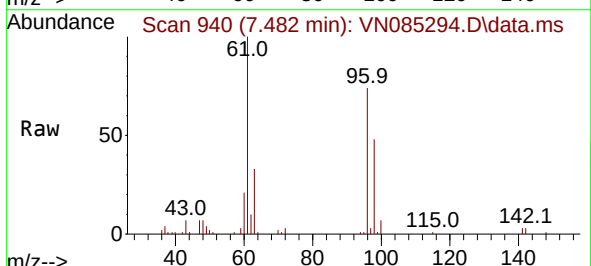
Tgt Ion: 96 Resp: 64343

Ion Ratio Lower Upper

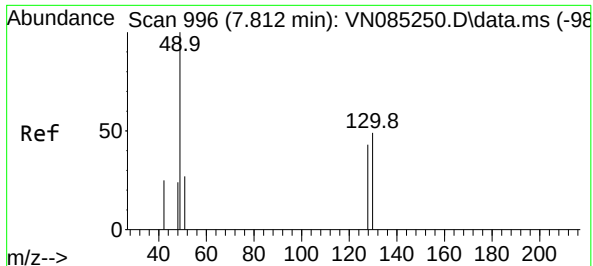
96 100

61 133.8 0.0 316.4

98 64.7 0.0 125.4

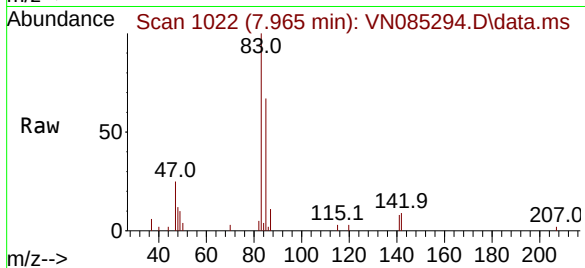




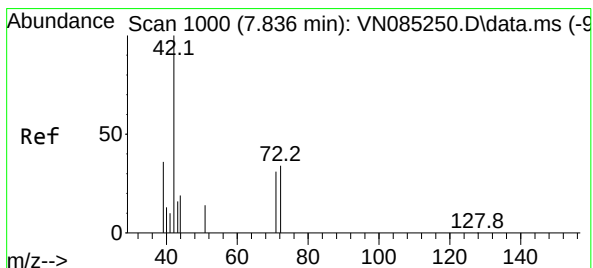
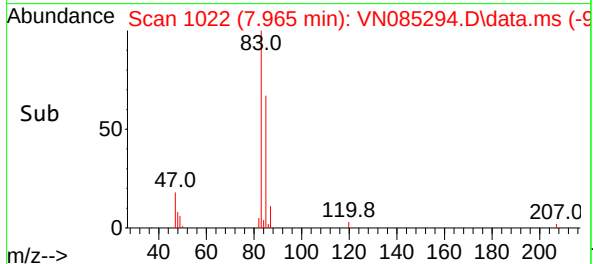
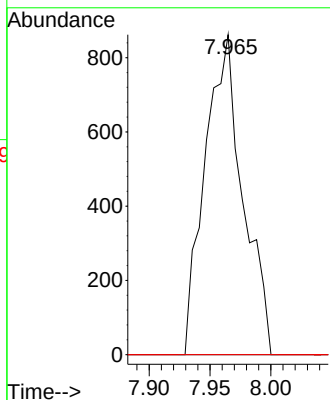


#28  
Bromochloromethane  
Concen: 0.767 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.153 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Instrument :  
MSVOA\_N  
ClientSampleId :

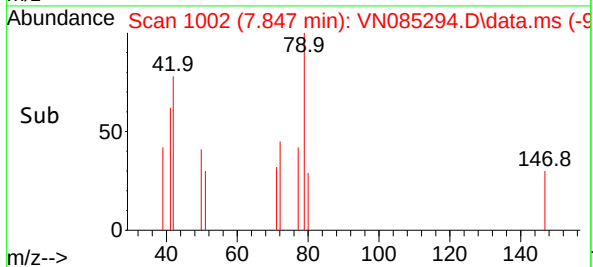
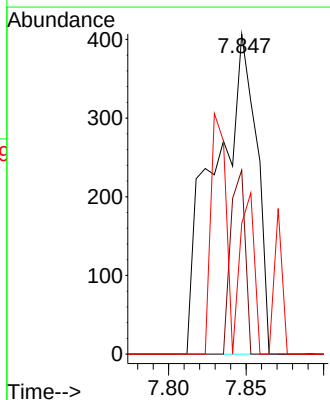
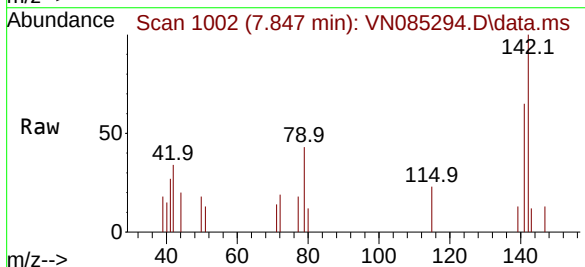


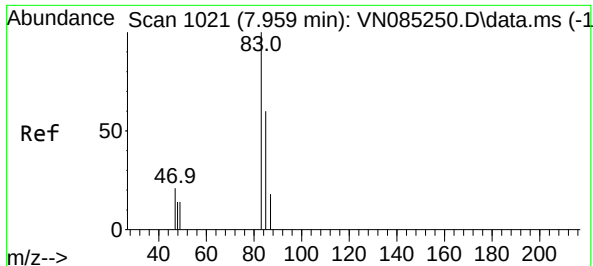
Tgt Ion: 49 Resp: 1864  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 0.0 54.1 81.1#



#29  
Tetrahydrofuran  
Concen: 0.652 ug/l  
RT: 7.847 min Scan# 1002  
Delta R.T. 0.012 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 42 Resp: 766  
Ion Ratio Lower Upper  
42 100  
72 19.8 32.7 49.1#  
71 26.6 31.4 47.2#





#30

Chloroform

Concen: 4.285 ug/l

RT: 7.965 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

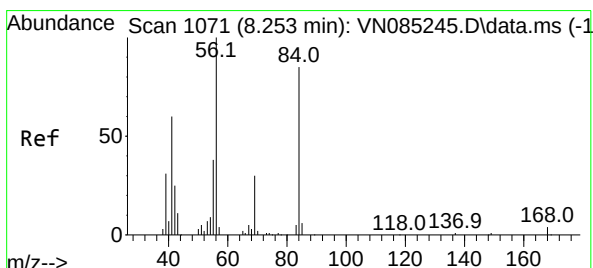
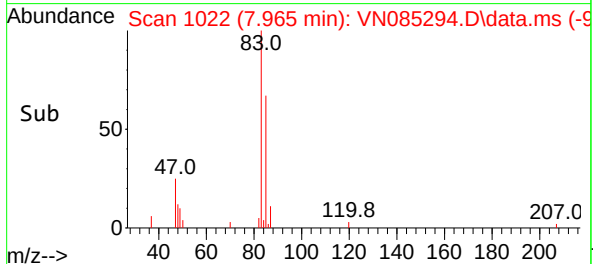
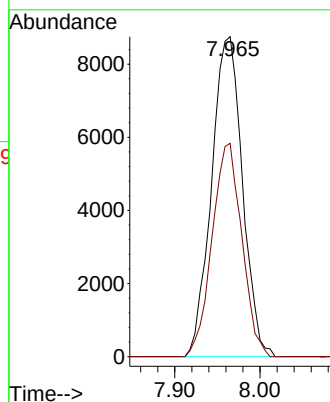
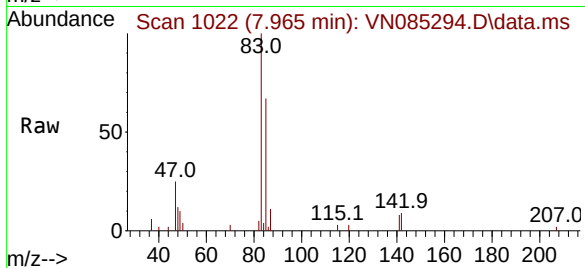
ClientSampleId :

Tgt Ion: 83 Resp: 22047

Ion Ratio Lower Upper

83 100

85 66.7 51.4 77.0



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.041 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

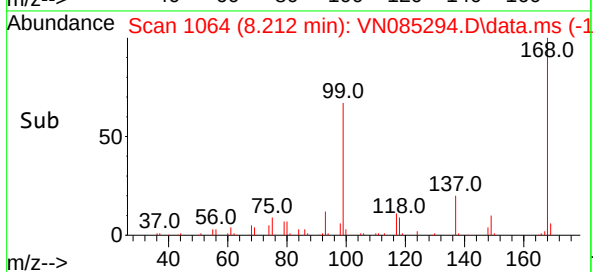
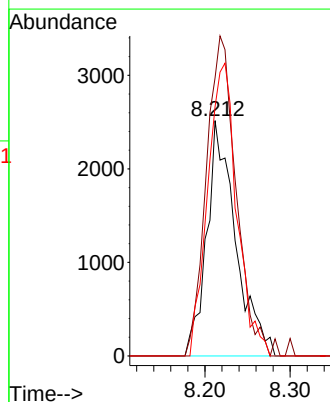
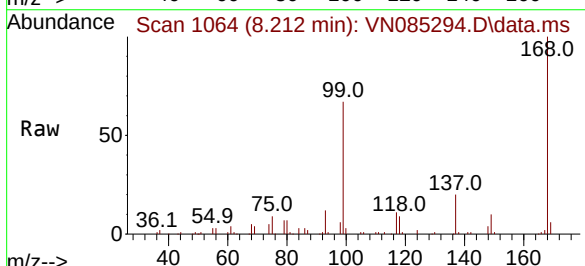
Tgt Ion: 56 Resp: 5924

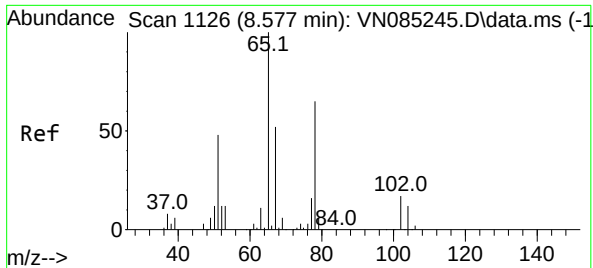
Ion Ratio Lower Upper

56 100

69 118.2 23.6 35.4#

84 106.0 66.6 99.8#





#33

1,2-Dichloroethane-d4

Concen: 42.715 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

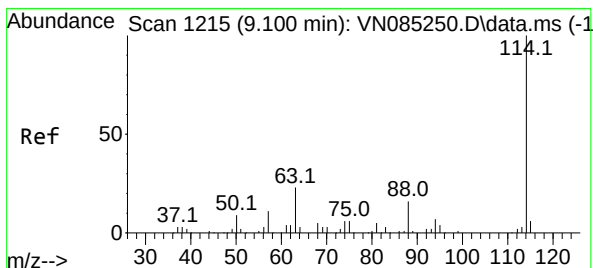
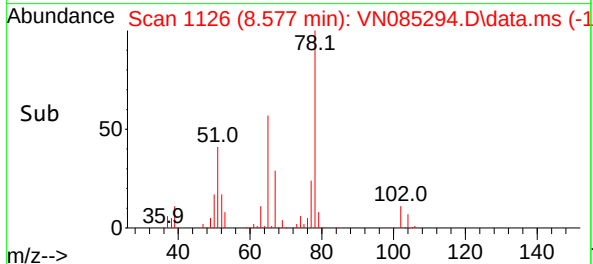
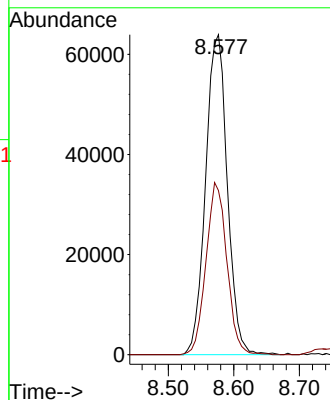
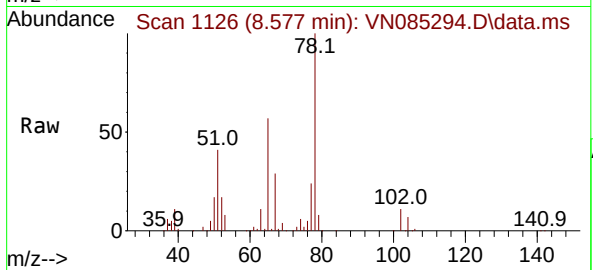
ClientSampleId :

Tgt Ion: 65 Resp: 147265

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

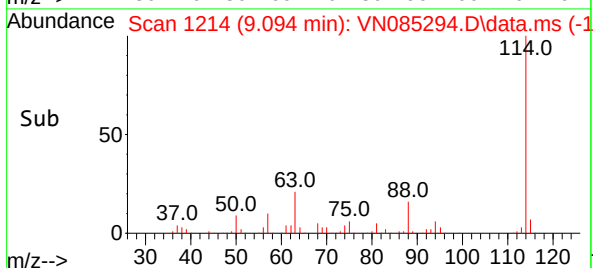
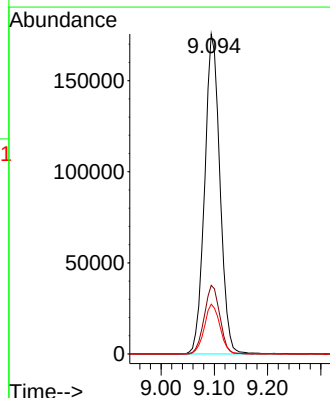
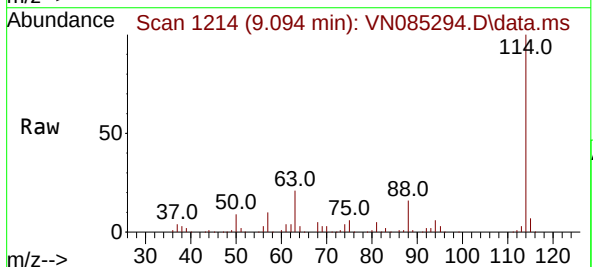
Tgt Ion: 114 Resp: 350073

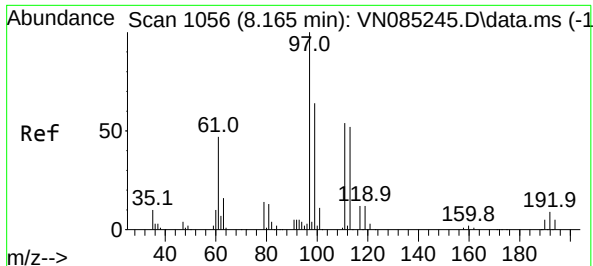
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.2

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 32.884 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

ClientSampleId :

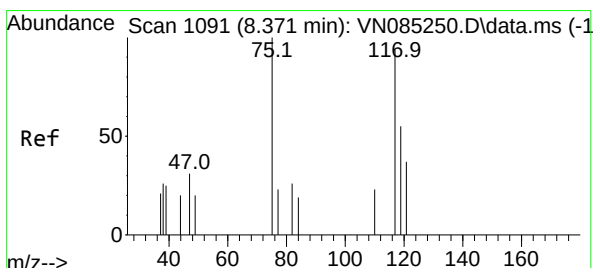
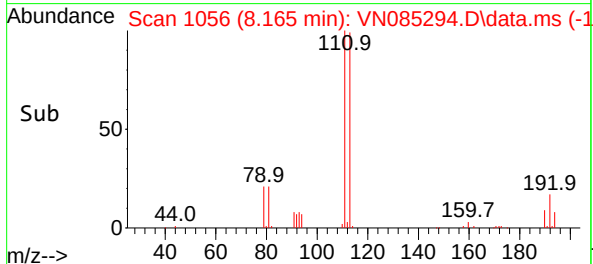
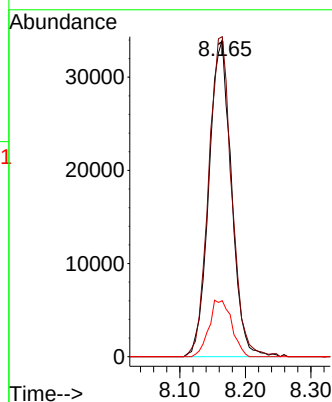
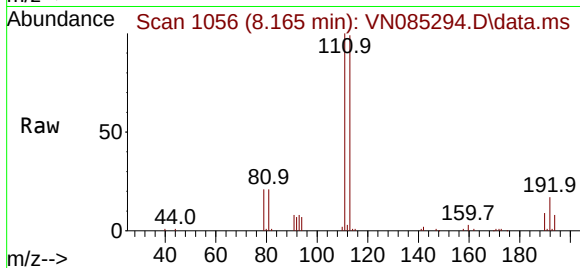
Tgt Ion:113 Resp: 80934

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

192 17.9 13.4 20.0



#36

1,1-Dichloropropene

Concen: 5.280 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

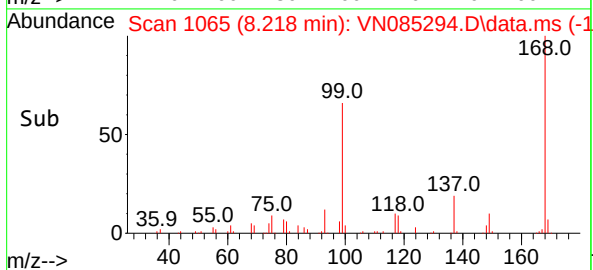
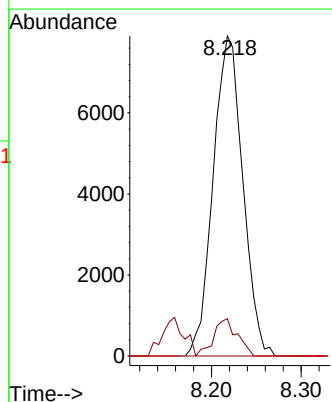
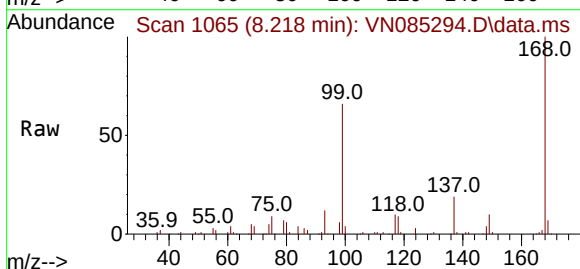
Tgt Ion: 75 Resp: 18096

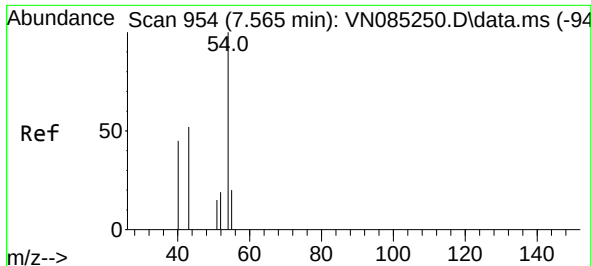
Ion Ratio Lower Upper

75 100

110 8.9 16.0 48.0#

77 0.0 24.6 36.8#

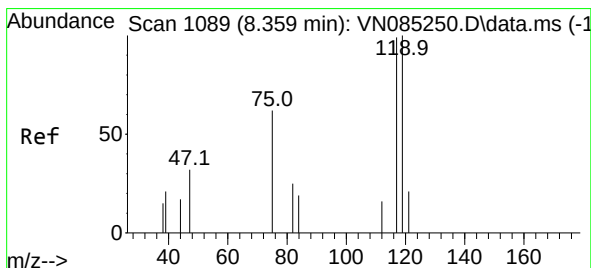
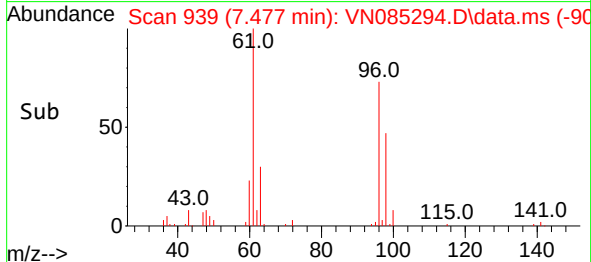
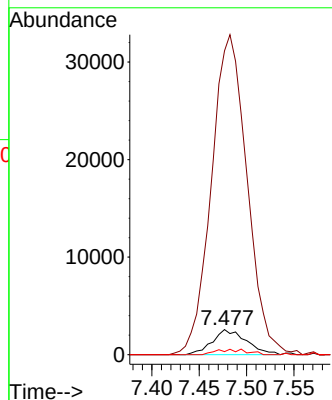
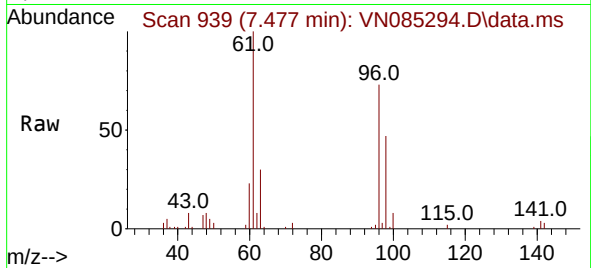




#37  
Ethyl Acetate  
Concen: 1.626 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. -0.083 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

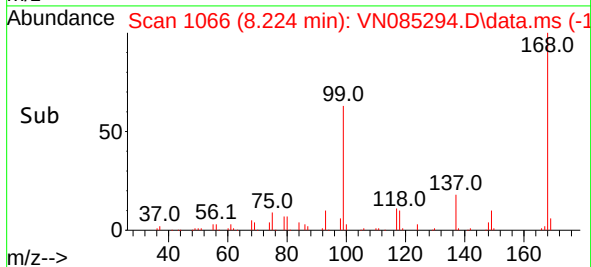
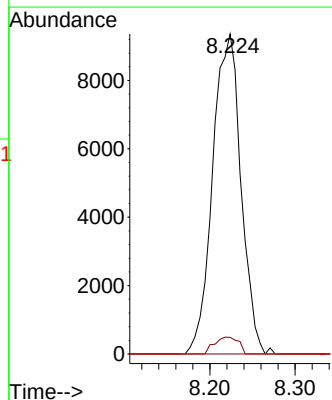
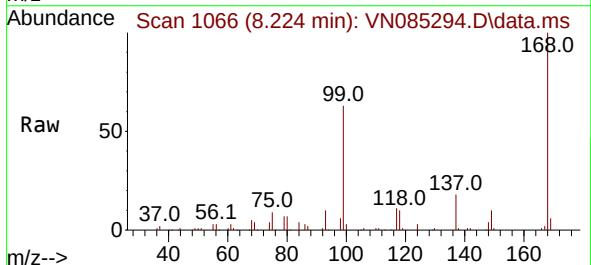
Instrument :  
MSVOA\_N  
ClientSampleId :

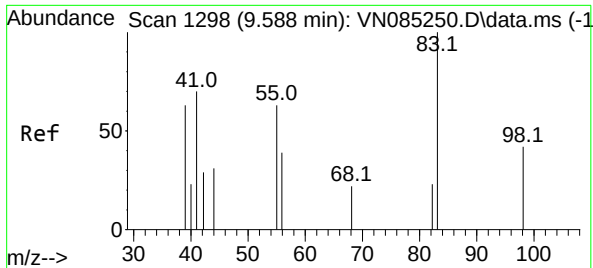
Tgt Ion: 43 Resp: 6428  
Ion Ratio Lower Upper  
43 100  
61 1338.9 9.8 14.6#  
70 7.1 7.8 11.8#



#38  
Carbon Tetrachloride  
Concen: 5.213 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 117 Resp: 21600  
Ion Ratio Lower Upper  
117 100  
119 5.2 74.8 112.2#  
121 0.0 24.2 36.4#

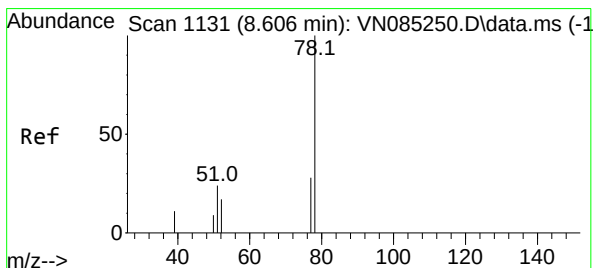
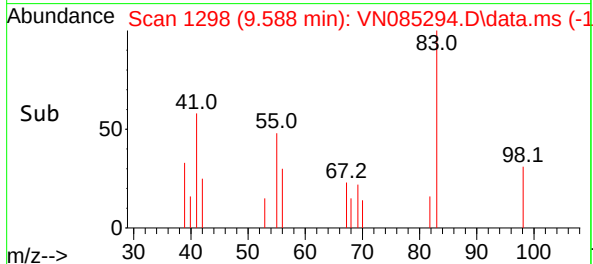
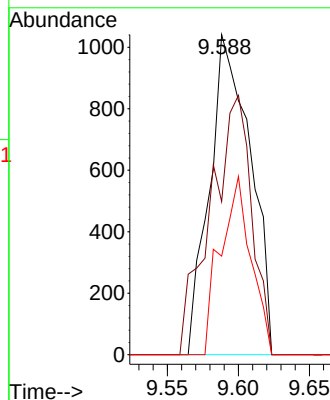
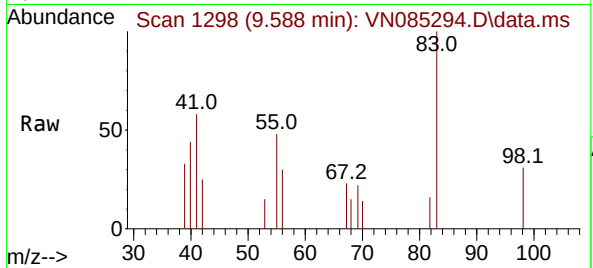




#39  
Methylcyclohexane  
Concen: 0.585 ug/l  
RT: 9.588 min Scan# 1130  
Delta R.T. -0.012 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

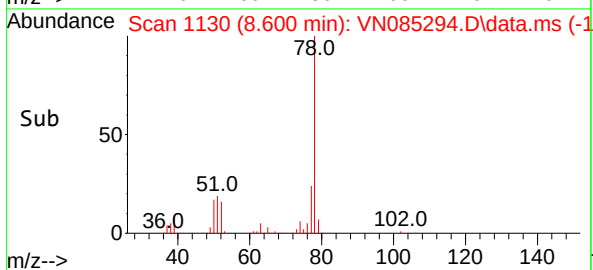
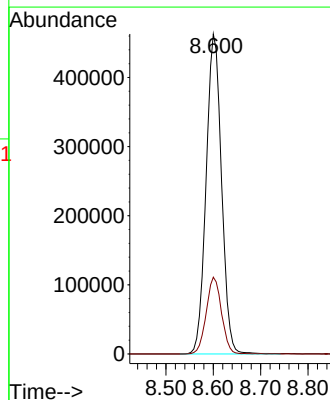
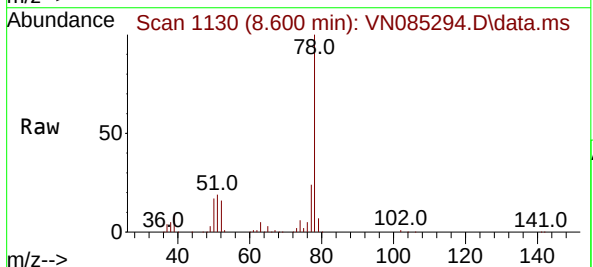
Instrument :  
MSVOA\_N  
ClientSampleId :

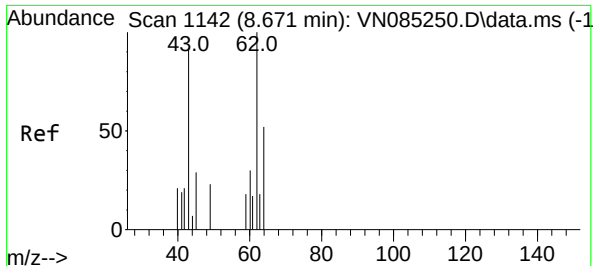
Tgt Ion: 83 Resp: 2085  
Ion Ratio Lower Upper  
83 100  
55 47.8 66.8 100.2#  
98 30.8 39.4 59.2#



#40  
Benzene  
Concen: 97.942 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 78 Resp: 1044213  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.9 28.3





#42

1,2-Dichloroethane

Concen: 2.409 ug/l

RT: 8.600 min Scan# 1142

Delta R.T. -0.065 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

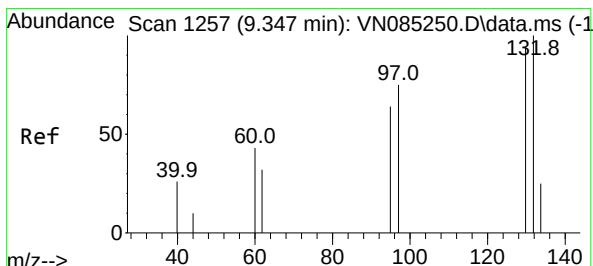
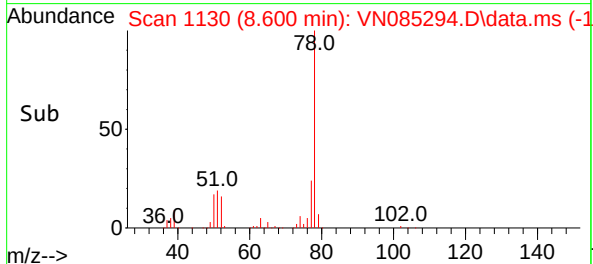
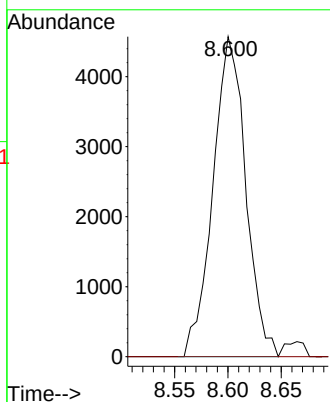
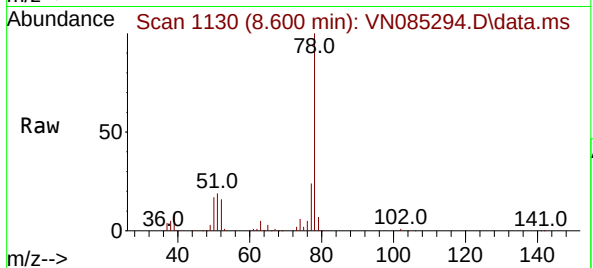
ClientSampleId :

Tgt Ion: 62 Resp: 9782

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.4



#44

Trichloroethene

Concen: 2.443 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN085294.D

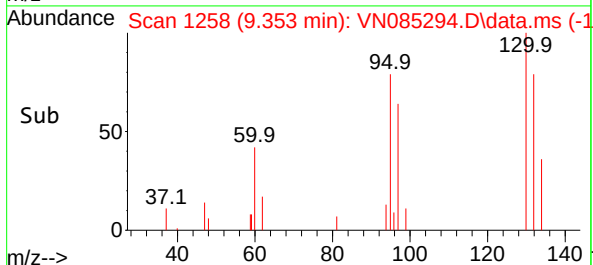
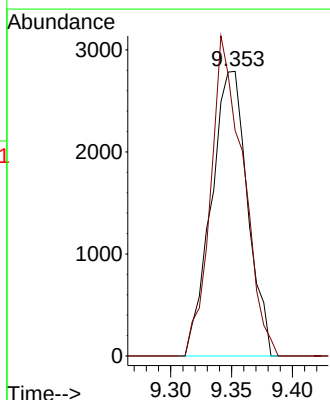
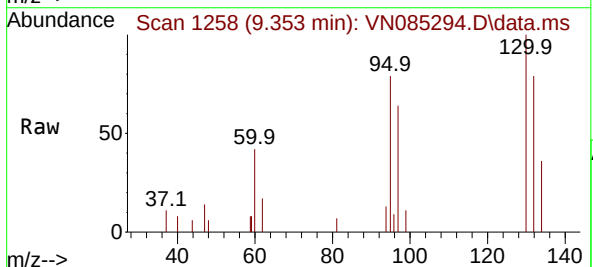
Acq: 23 Dec 2024 15:14

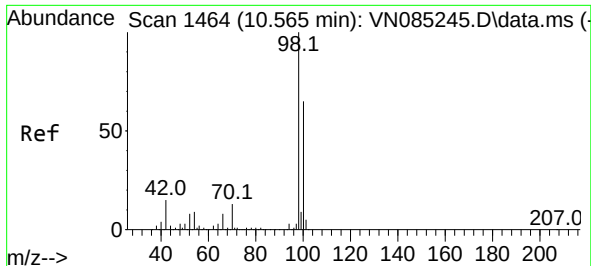
Tgt Ion:130 Resp: 5799

Ion Ratio Lower Upper

130 100

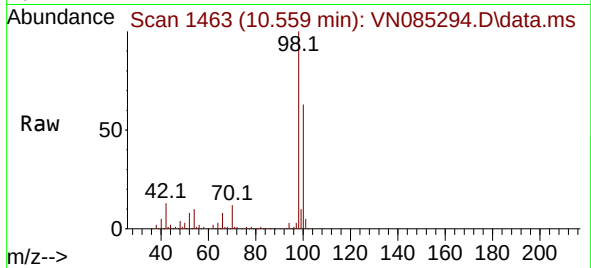
95 79.1 0.0 207.6



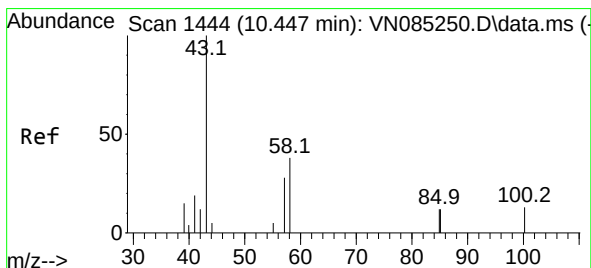
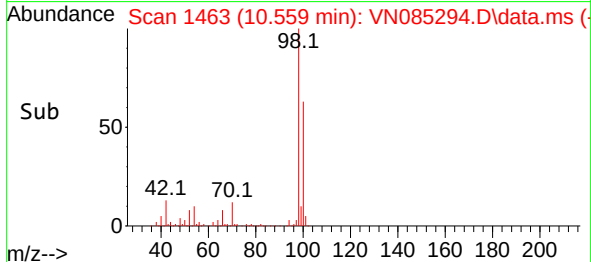
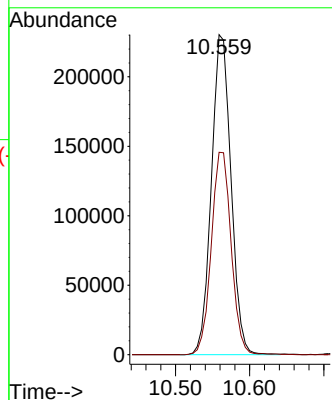


#50  
Toluene-d8  
Concen: 46.986 ug/l  
RT: 10.559 min Scan# 1463  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Instrument :  
MSVOA\_N  
ClientSampleId :

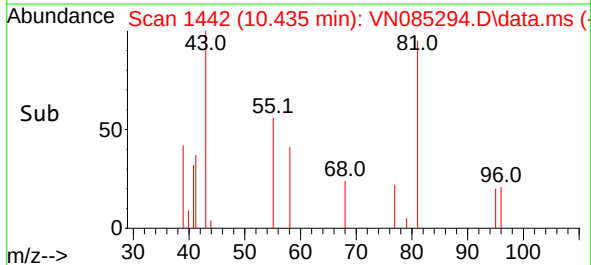
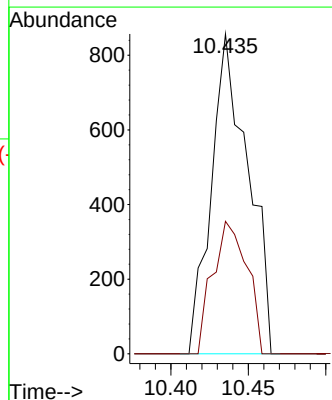
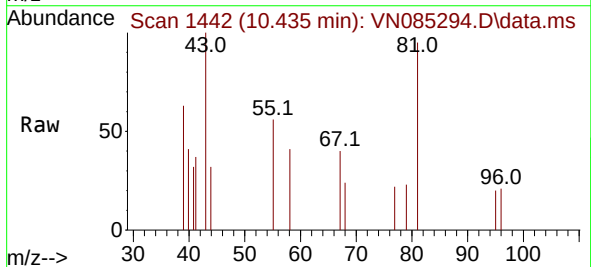


Tgt Ion: 98 Resp: 422663  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.6 77.4

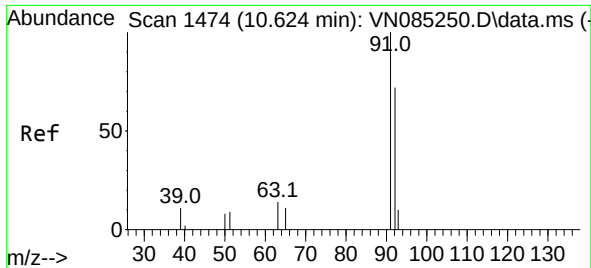


#51  
4-Methyl-2-Pentanone  
Concen: 0.371 ug/l  
RT: 10.435 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 43 Resp: 1410  
Ion Ratio Lower Upper  
43 100  
58 38.8 29.4 44.2



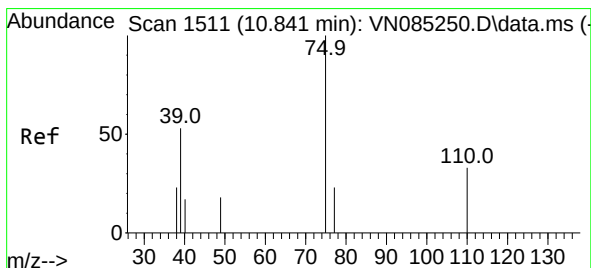
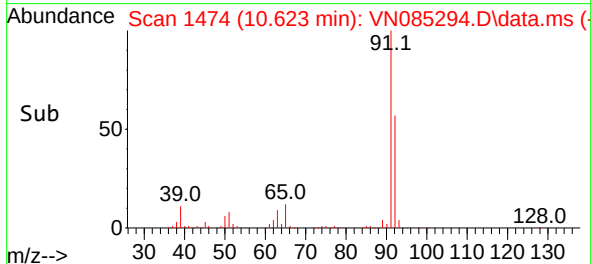
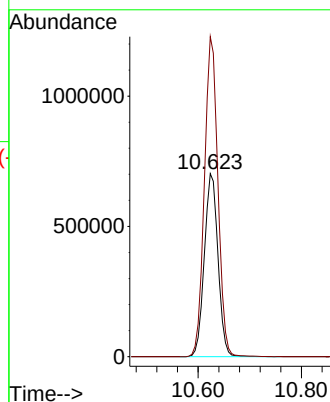
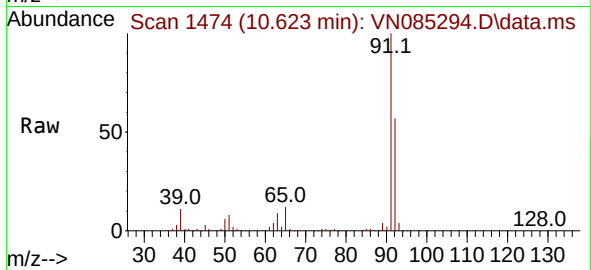




#52  
Toluene  
Concen: 200.761 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

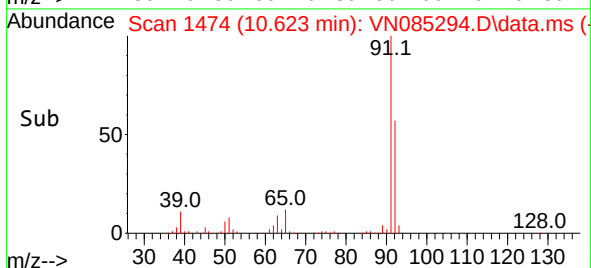
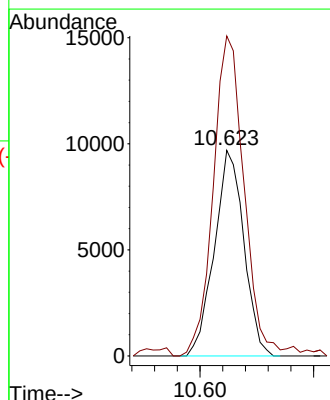
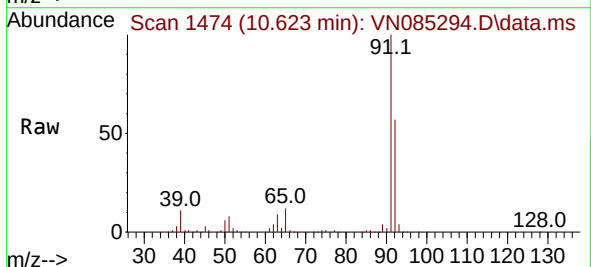
Instrument :  
MSVOA\_N  
ClientSampleId :

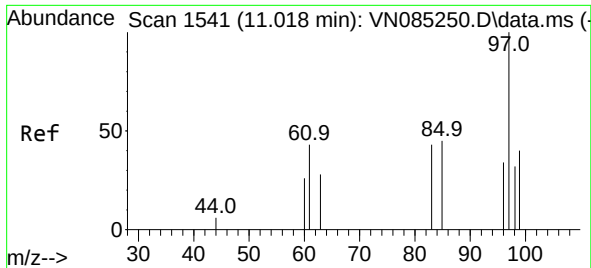
Tgt Ion: 92 Resp: 1287007  
Ion Ratio Lower Upper  
92 100  
91 173.1 138.9 208.3



#53  
t-1,3-Dichloropropene  
Concen: 4.435 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.212 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 75 Resp: 17453  
Ion Ratio Lower Upper  
75 100  
77 155.6 25.4 38.0#

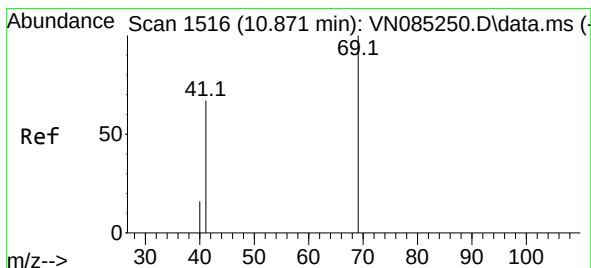
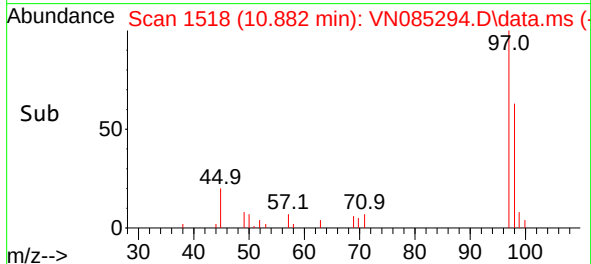
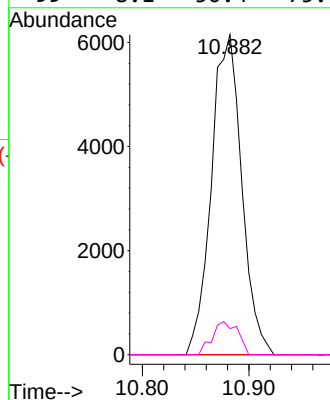
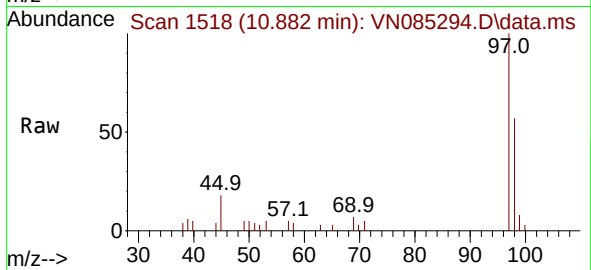




#55  
1,1,2-Trichloroethane  
Concen: 5.065 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.130 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

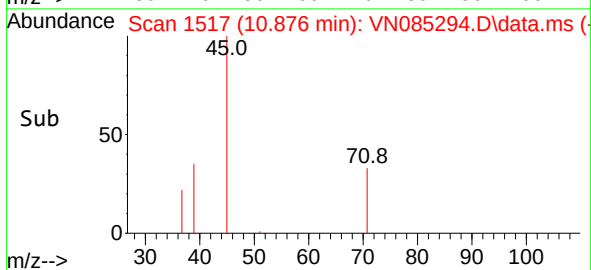
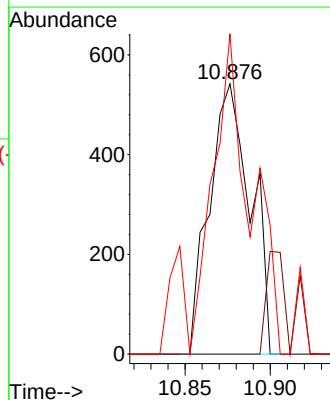
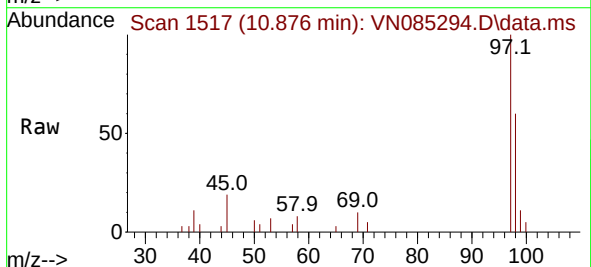
Instrument :  
MSVOA\_N  
ClientSampleId :

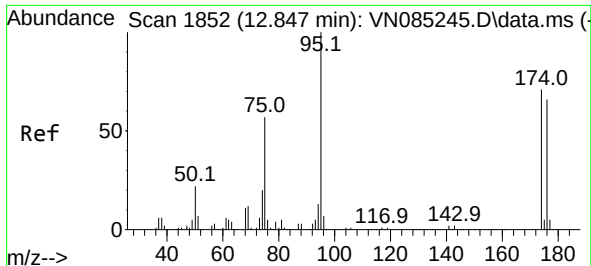
Tgt Ion: 97 Resp: 12159  
Ion Ratio Lower Upper  
97 100  
83 0.0 69.6 104.4#  
85 0.0 45.7 68.5#  
99 8.1 50.4 75.6#



#56  
Ethyl methacrylate  
Concen: 2.428 ug/l  
RT: 10.876 min Scan# 1517  
Delta R.T. 0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 69 Resp: 915  
Ion Ratio Lower Upper  
69 100  
41 0.0 57.5 86.3#  
39 0.0 33.4 50.2#

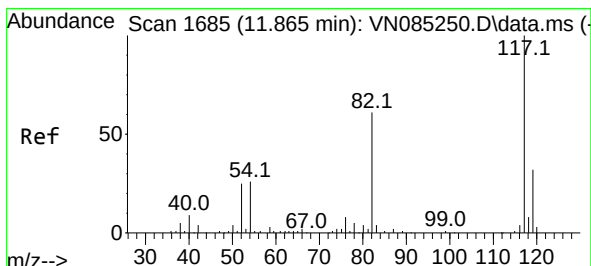
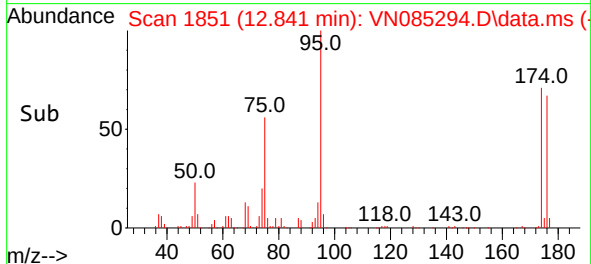
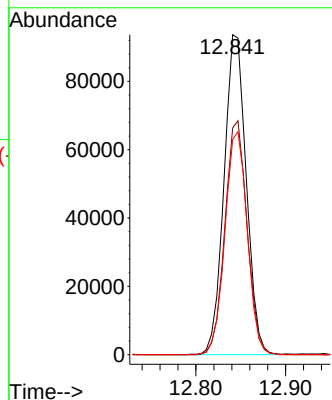
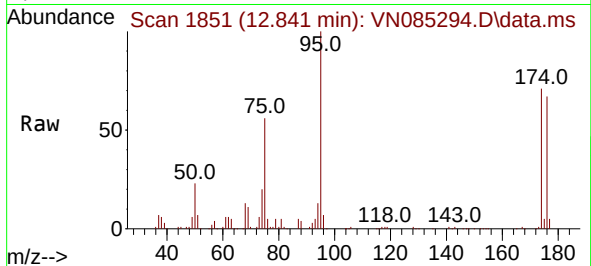




#62  
4-Bromofluorobenzene  
Concen: 50.137 ug/l  
RT: 12.841 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

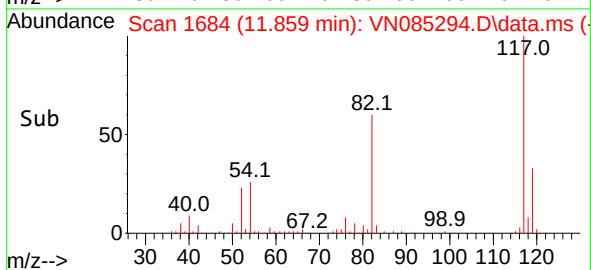
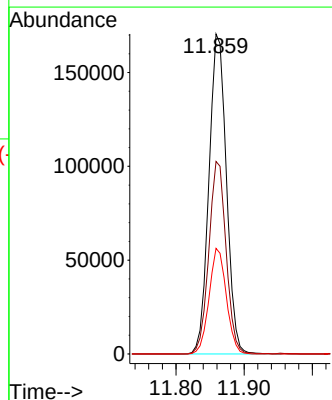
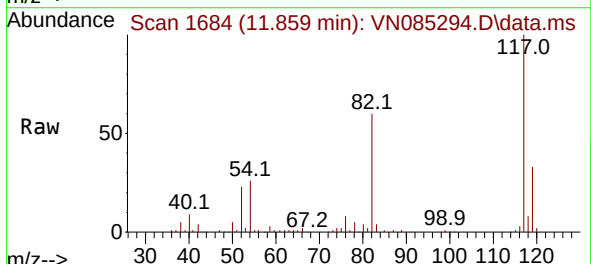
Instrument :  
MSVOA\_N  
ClientSampleId :

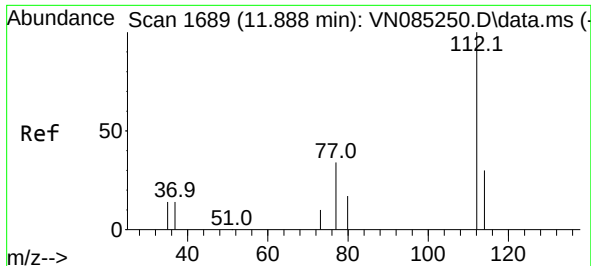
Tgt Ion: 95 Resp: 161089  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 144.4  
176 69.9 0.0 136.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.859 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 117 Resp: 303609  
Ion Ratio Lower Upper  
117 100  
82 60.1 47.4 71.2  
119 33.0 25.6 38.4

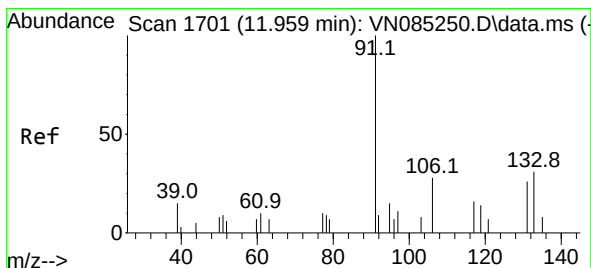
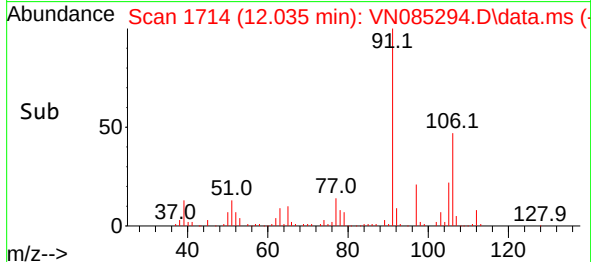
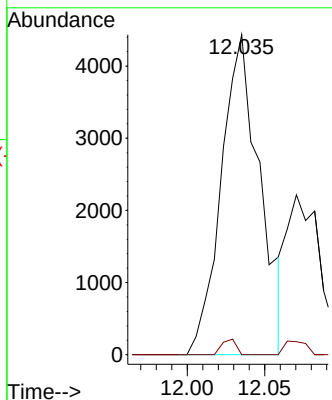
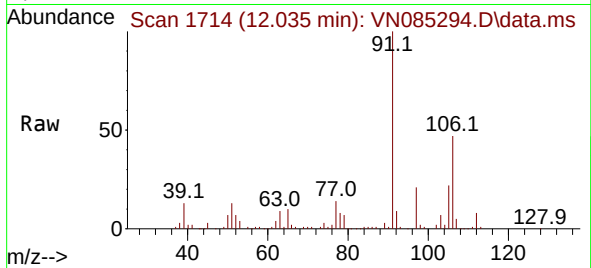




#65  
Chlorobenzene  
Concen: 1.122 ug/l  
RT: 12.035 min Scan# 11  
Delta R.T. 0.147 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

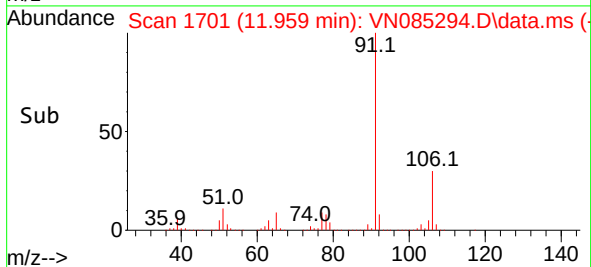
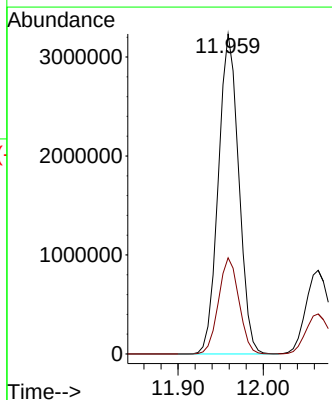
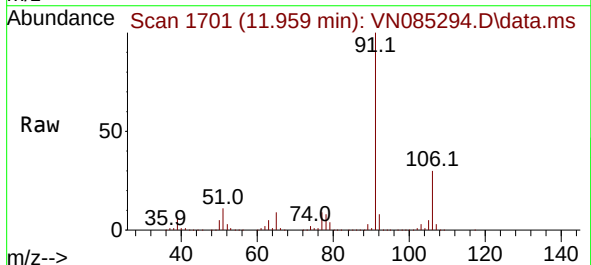
Instrument :  
MSVOA\_N  
ClientSampleId :

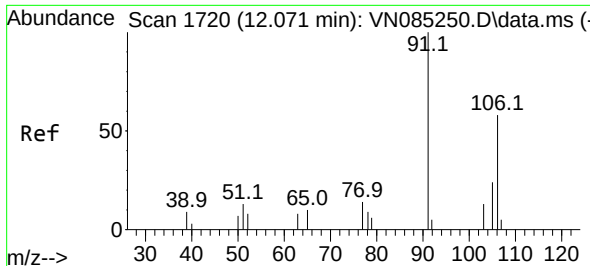
Tgt Ion:112 Resp: 7657  
Ion Ratio Lower Upper  
112 100  
114 0.0 26.2 39.4#



#67  
Ethyl Benzene  
Concen: 460.016 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 91 Resp: 5381130  
Ion Ratio Lower Upper  
91 100  
106 30.0 23.5 35.3

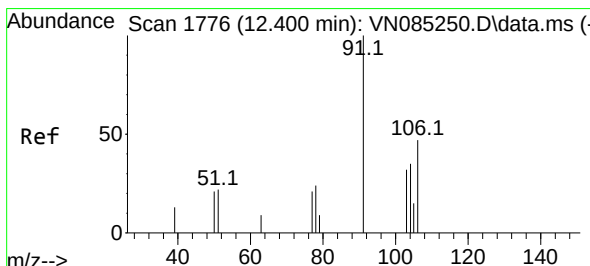
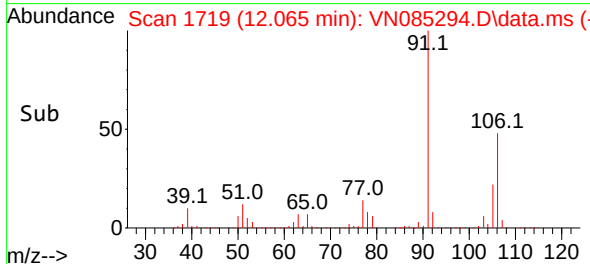
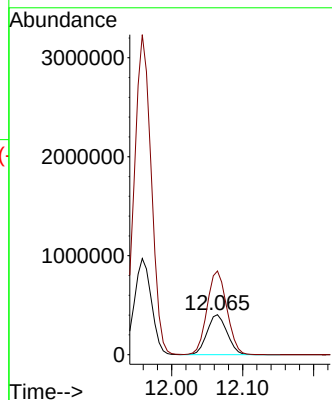
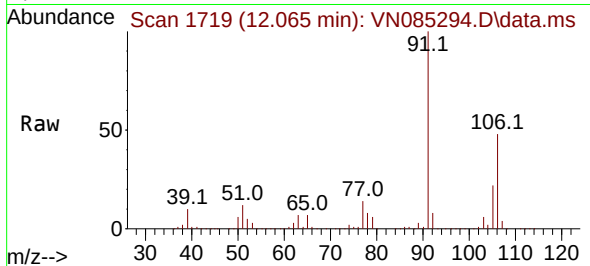




#68  
m/p-Xylenes  
Concen: 179.883 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

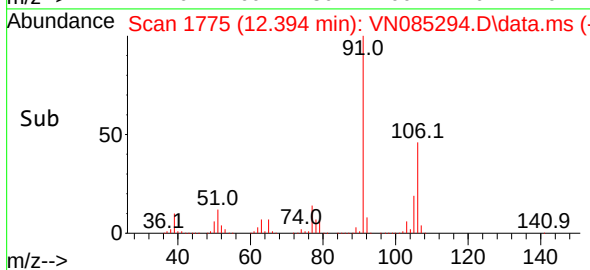
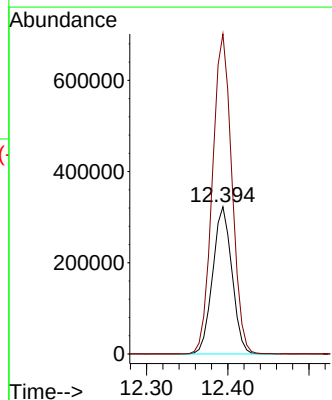
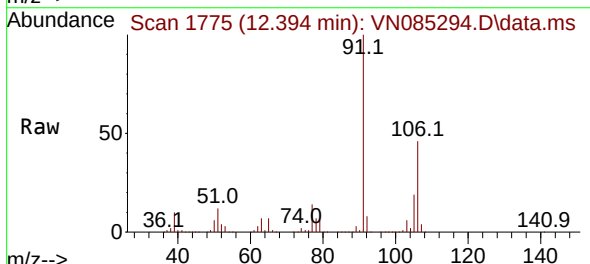
Instrument :  
MSVOA\_N  
ClientSampleId :

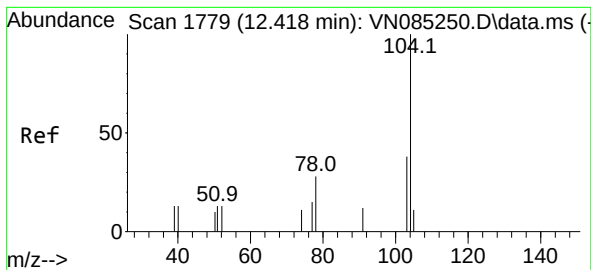
Tgt Ion:106 Resp: 786994  
Ion Ratio Lower Upper  
106 100  
91 208.0 168.3 252.5



#69  
o-Xylene  
Concen: 129.252 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion:106 Resp: 531523  
Ion Ratio Lower Upper  
106 100  
91 219.6 112.1 336.2





#70

Styrene

Concen: 4.640 ug/l

RT: 12.394 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN085294.D

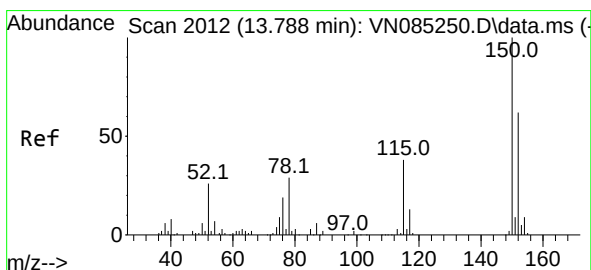
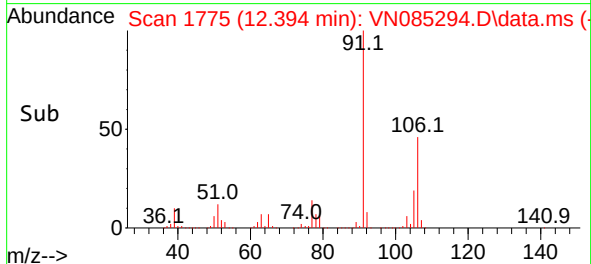
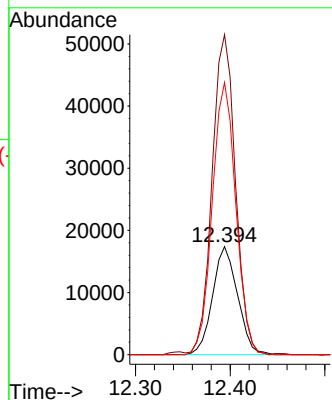
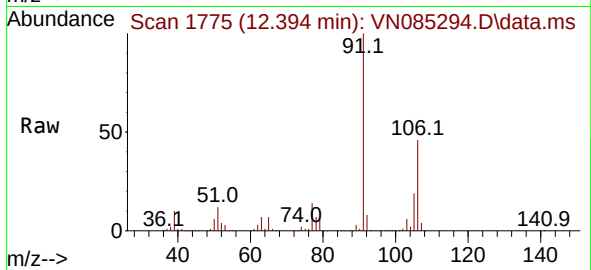
Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 31855      |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 277.6 | 43.2 64.8# |
| 103         | 238.1 | 44.6 66.8# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

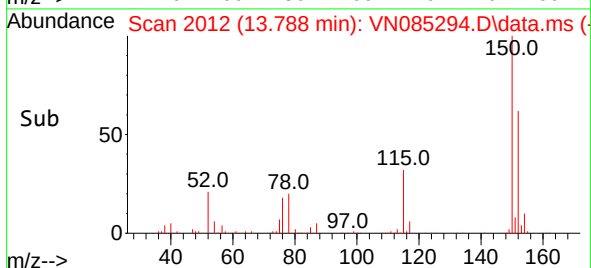
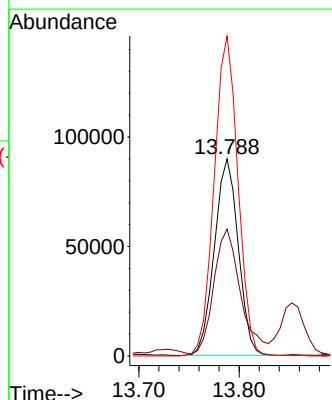
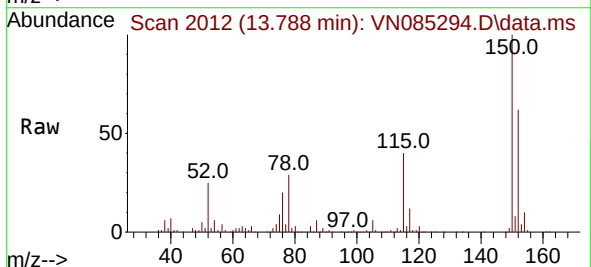
RT: 13.788 min Scan# 2012

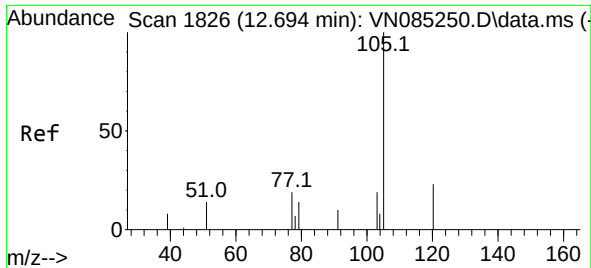
Delta R.T. -0.000 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 148469    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 70.7  | 32.1 96.3 |
| 150         | 162.3 | 0.0 354.6 |

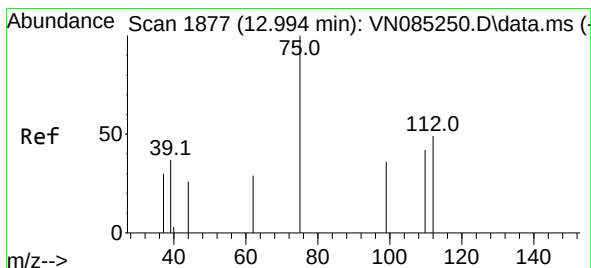
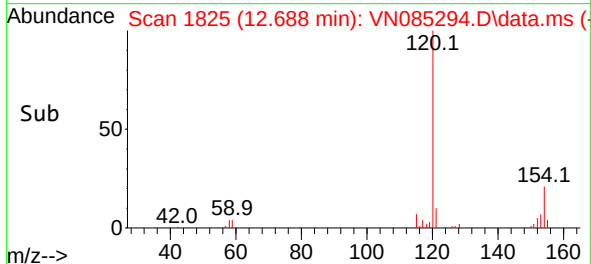
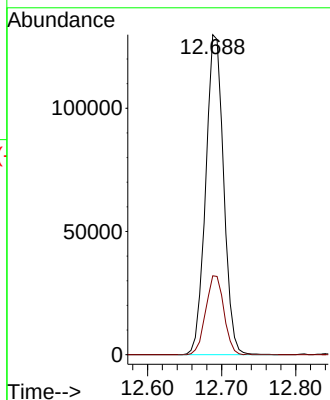
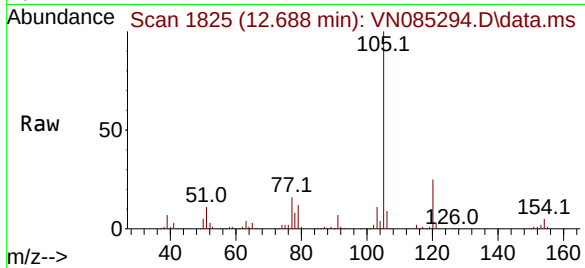




#73  
Isopropylbenzene  
Concen: 20.333 ug/l  
RT: 12.688 min Scan# 1825  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

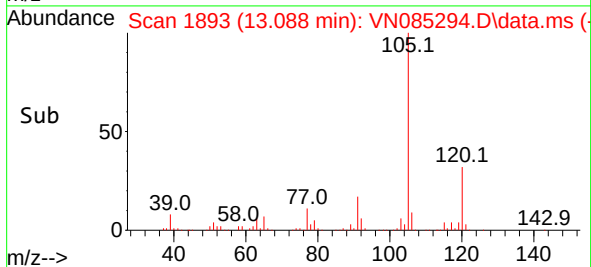
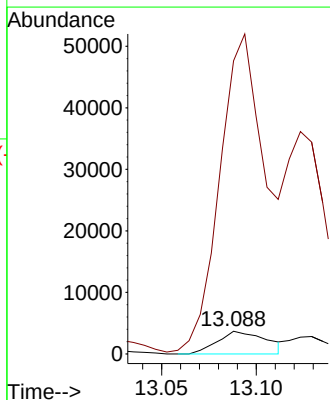
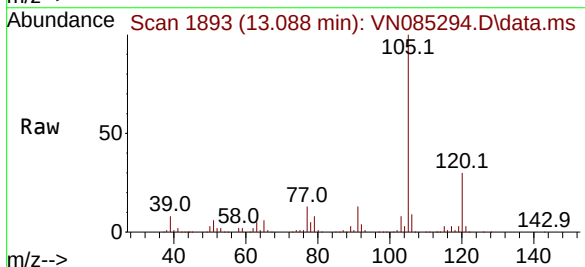
Instrument :  
MSVOA\_N  
ClientSampleId :

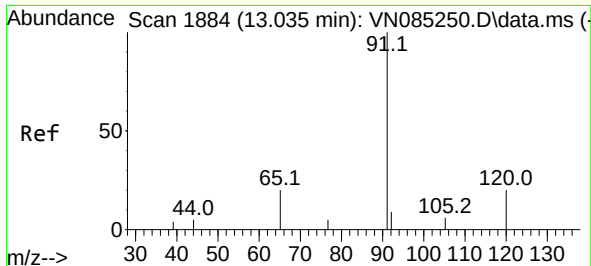
Tgt Ion:105 Resp: 217767  
Ion Ratio Lower Upper  
105 100  
120 25.1 13.0 38.9



#76  
1,2,3-Trichloropropane  
Concen: 1.866 ug/l  
RT: 13.088 min Scan# 1893  
Delta R.T. 0.094 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 75 Resp: 6605  
Ion Ratio Lower Upper  
75 100  
77 1325.6 102.6 307.7#

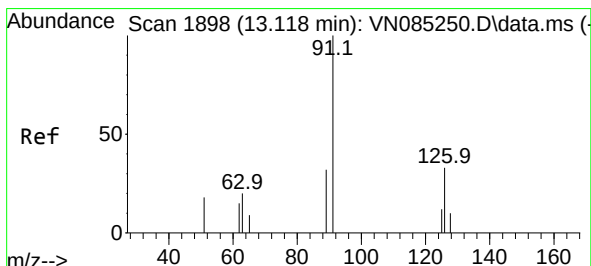
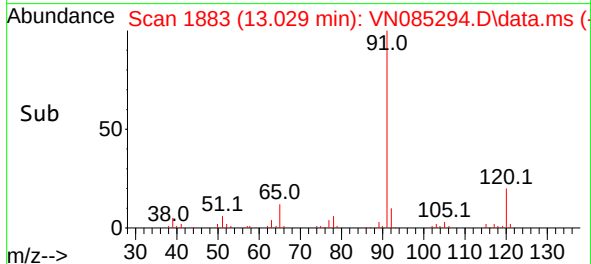
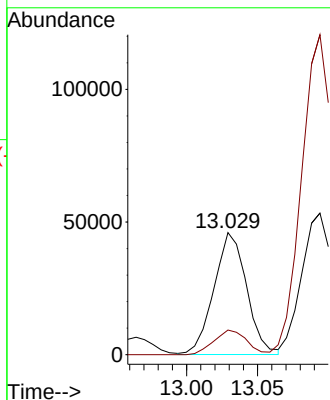
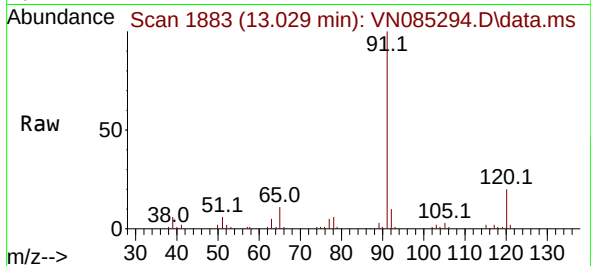




#78  
n-propylbenzene  
Concen: 5.605 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

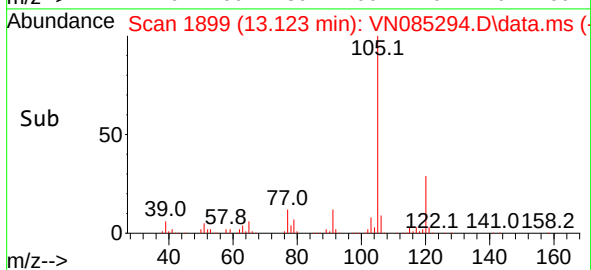
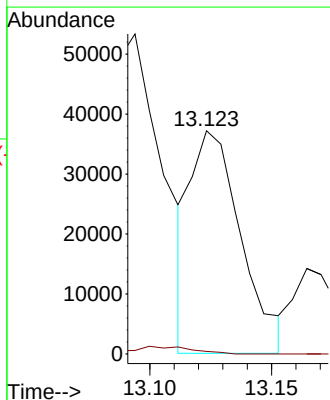
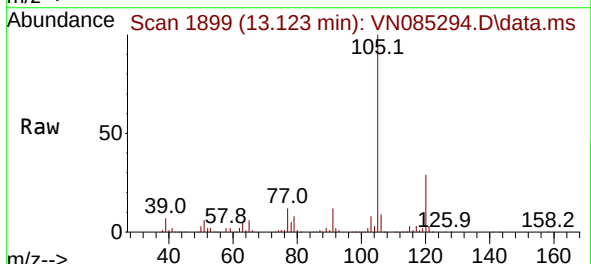
Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 91 Resp: 73620  
Ion Ratio Lower Upper  
91 100  
120 20.5 10.8 32.3

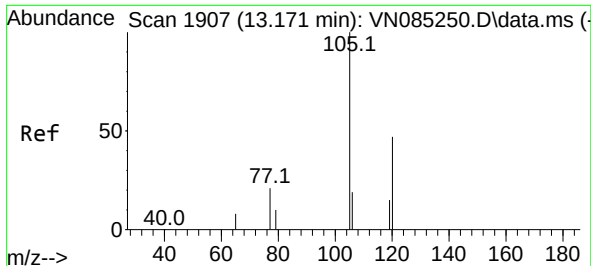


#79  
2-Chlorotoluene  
Concen: 6.404 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 91 Resp: 53410  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.2 45.5#



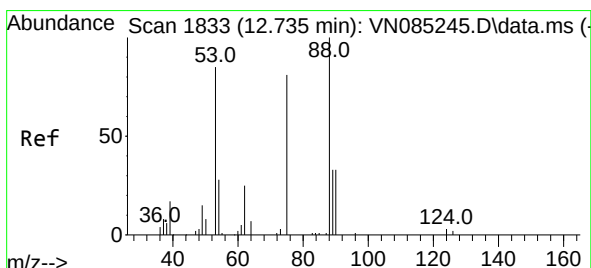
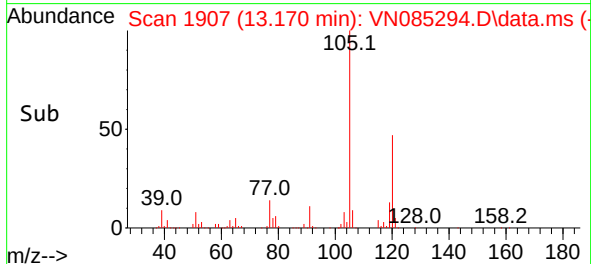
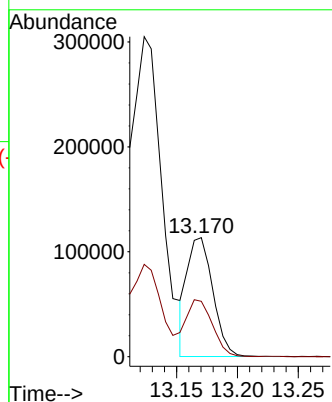
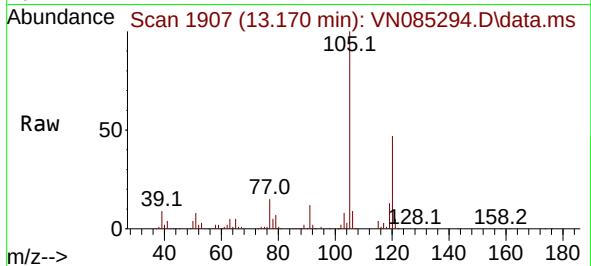




#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.536 ug/l  
 RT: 13.170 min Scan# 1907  
 Delta R.T. -0.000 min  
 Lab File: VN085294.D  
 Acq: 23 Dec 2024 15:14

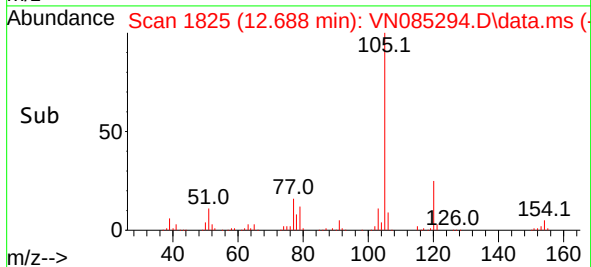
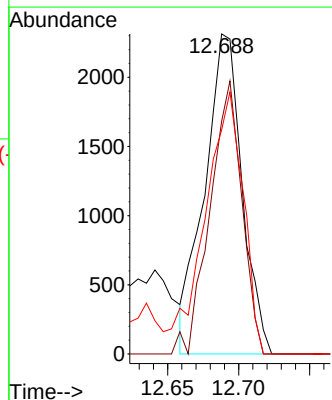
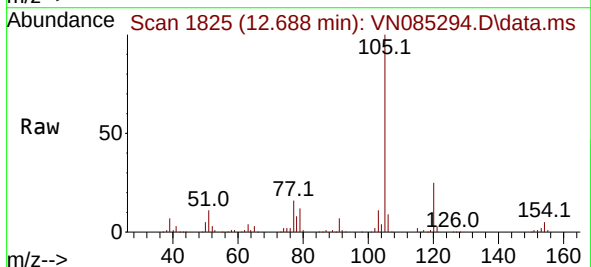
Instrument :  
 MSVOA\_N  
 ClientSampleId :

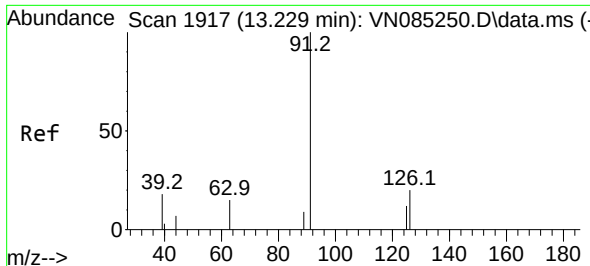
Tgt Ion:105 Resp: 165585  
 Ion Ratio Lower Upper  
 105 100  
 120 52.0 23.4 70.2



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 3.190 ug/l  
 RT: 12.688 min Scan# 1825  
 Delta R.T. -0.047 min  
 Lab File: VN085294.D  
 Acq: 23 Dec 2024 15:14

Tgt Ion: 75 Resp: 4251  
 Ion Ratio Lower Upper  
 75 100  
 53 72.4 84.9 127.3#  
 89 83.3 37.9 56.9#

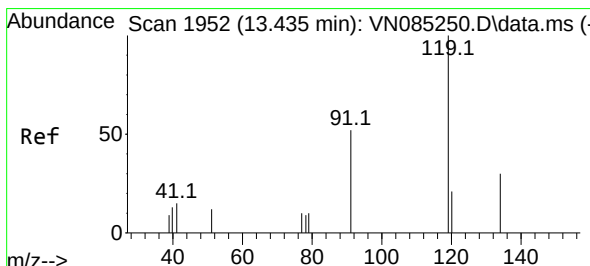
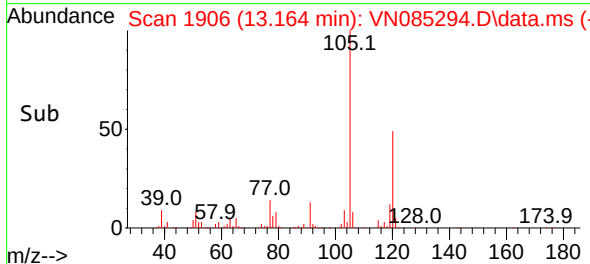
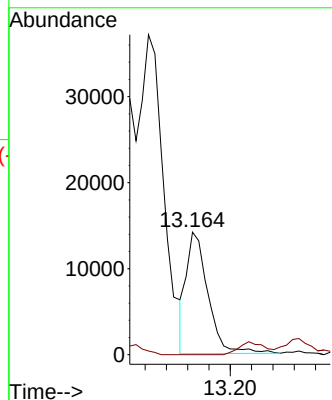
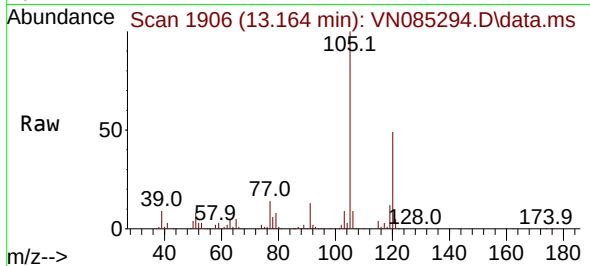




#82  
4-Chlorotoluene  
Concen: 2.354 ug/l  
RT: 13.164 min Scan# 1906  
Delta R.T. -0.053 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

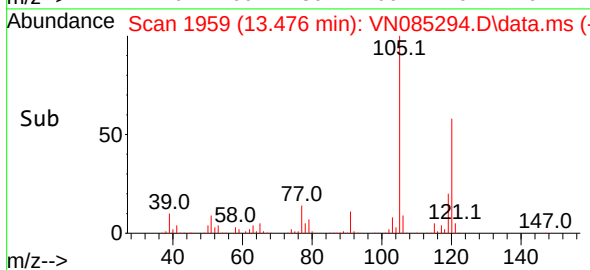
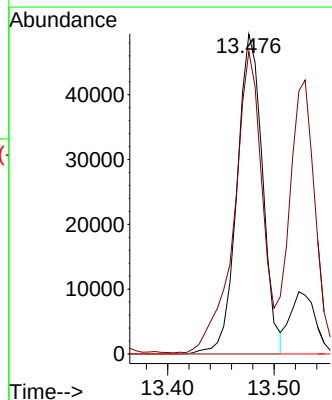
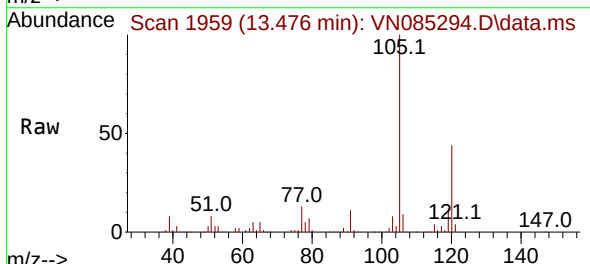
Instrument :  
MSVOA\_N  
ClientSampleId :

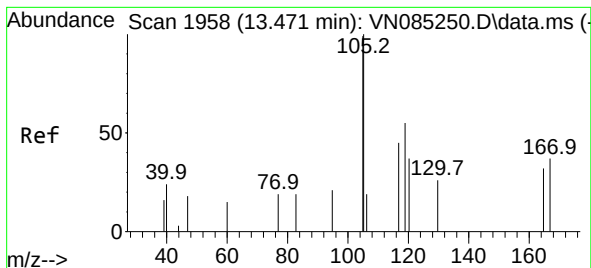
Tgt Ion: 91 Resp: 19867  
Ion Ratio Lower Upper  
91 100  
126 0.0 15.6 46.8#



#83  
tert-Butylbenzene  
Concen: 10.853 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. 0.041 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 119 Resp: 82226  
Ion Ratio Lower Upper  
119 100  
91 102.6 36.3 108.7  
134 0.0 12.2 36.6#





#84

1,2,4-Trimethylbenzene

Concen: 72.894 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

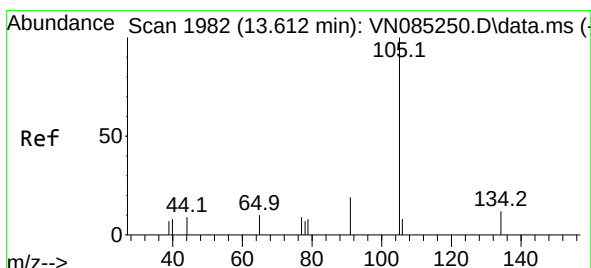
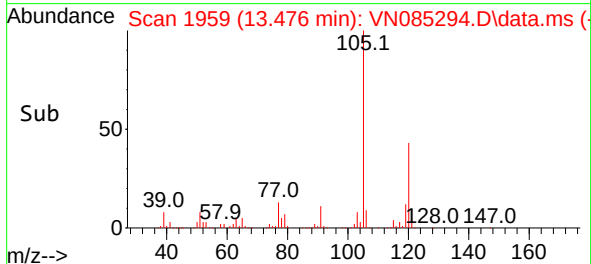
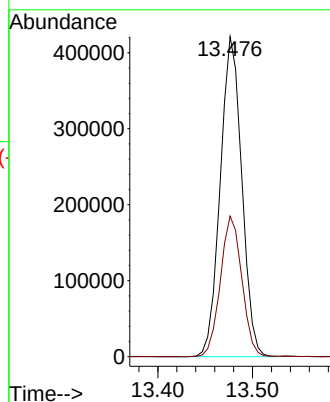
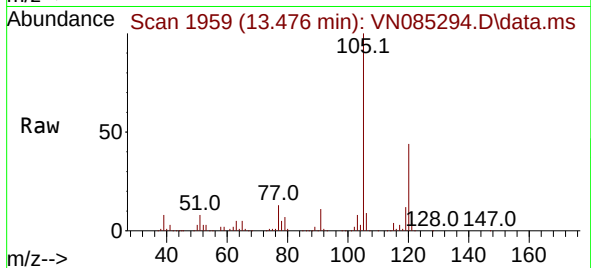
ClientSampleId :

Tgt Ion:105 Resp: 665630

Ion Ratio Lower Upper

105 100

120 43.8 21.8 65.3



#85

sec-Butylbenzene

Concen: 63.020 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.135 min

Lab File: VN085294.D

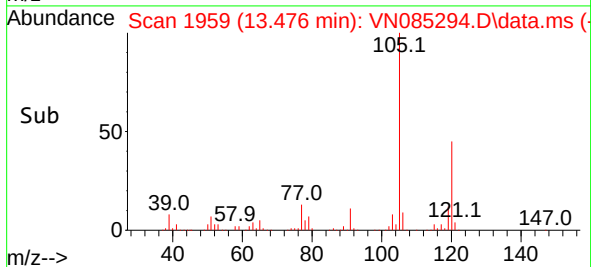
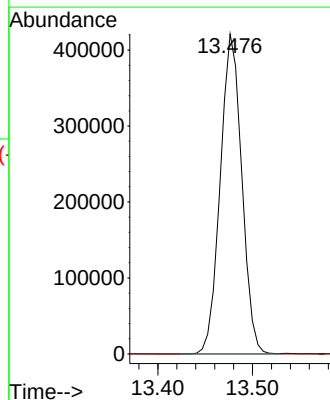
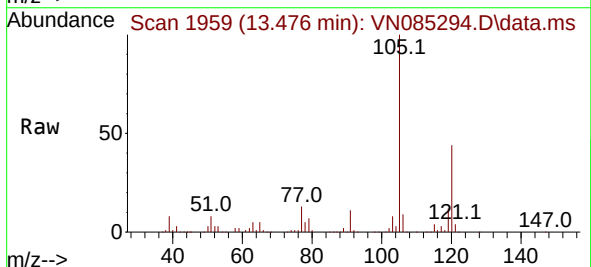
Acq: 23 Dec 2024 15:14

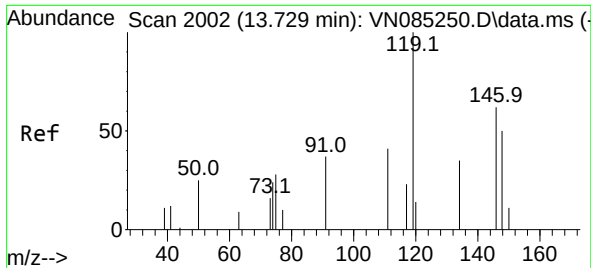
Tgt Ion:105 Resp: 665630

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.3#

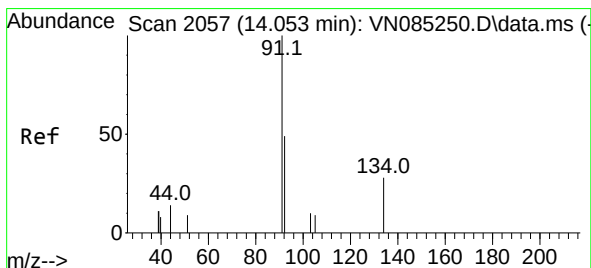
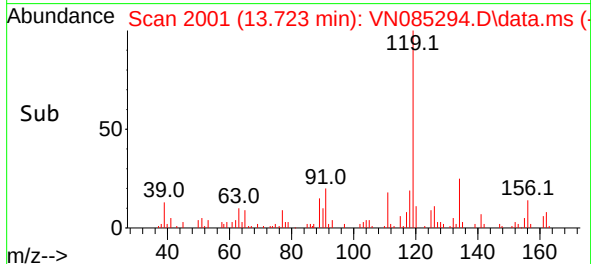
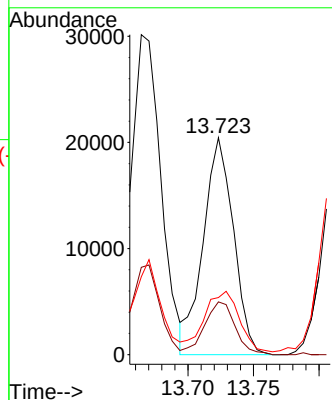
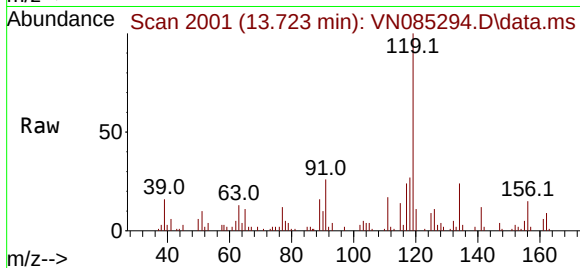




#86  
p-Isopropyltoluene  
Concen: 5.031 ug/l  
RT: 13.723 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

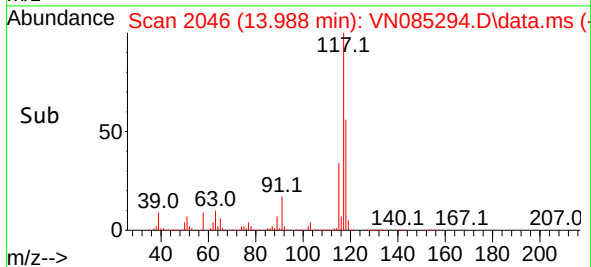
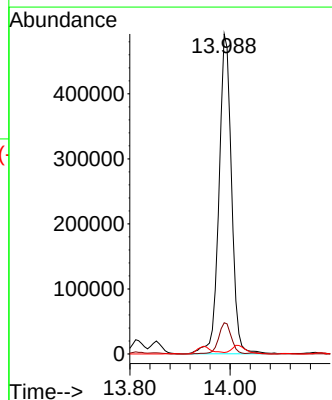
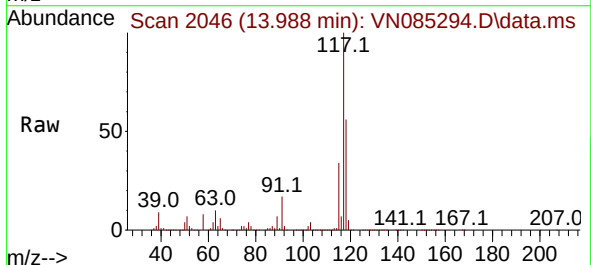
Instrument :  
MSVOA\_N  
ClientSampleId :

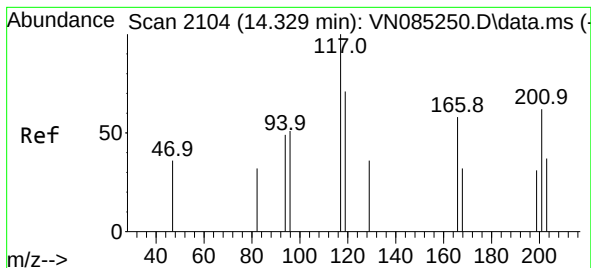
Tgt Ion:119 Resp: 32803  
Ion Ratio Lower Upper  
119 100  
134 24.7 12.5 37.5  
91 0.0 13.0 38.9#



#89  
n-Butylbenzene  
Concen: 110.085 ug/l  
RT: 13.988 min Scan# 2046  
Delta R.T. -0.065 min  
Lab File: VN085294.D  
Acq: 23 Dec 2024 15:14

Tgt Ion: 91 Resp: 855086  
Ion Ratio Lower Upper  
91 100  
92 9.9 25.8 77.3#  
134 0.0 12.0 36.0#





#90

Hexachloroethane

Concen: 7.695 ug/l

RT: 14.323 min Scan# 2104

Delta R.T. -0.012 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Instrument :

MSVOA\_N

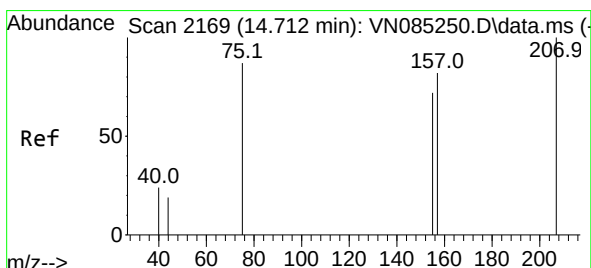
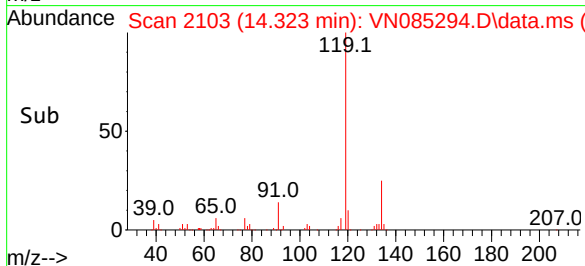
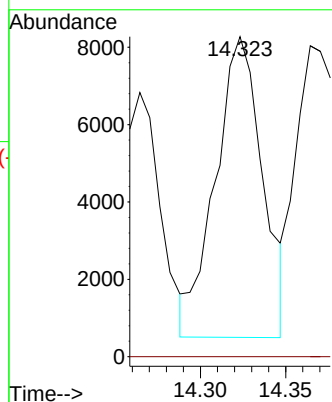
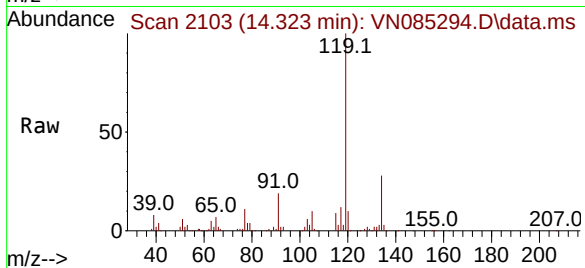
ClientSampleId :

Tgt Ion:117 Resp: 14930

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.199 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN085294.D

Acq: 23 Dec 2024 15:14

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

157 0.0 43.3 129.9#

