

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091224\  
 Data File : VN083830.D  
 Acq On : 12 Sep 2024 14:41  
 Operator : JC\MD  
 Sample : P3913-10RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 12 17:34:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 11 15:18:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 144353   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 293675   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 331548   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 185188   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 109037   | 50.094   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.180%  |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 86571    | 46.047   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 92.100%   |      |
| 50) Toluene-d8              | 10.565 | 98    | 323580   | 49.785   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.580%   |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 166673   | 62.156   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 124.320%# |      |

|                               |        |     |        |           |        |    |
|-------------------------------|--------|-----|--------|-----------|--------|----|
| Target Compounds              |        |     |        | Qvalue    |        |    |
| 3) Chloromethane              | 2.365  | 50  | 935    | Below Cal | #      | 41 |
| 5) Bromomethane               | 2.900  | 94  | 305    | 0.289     | ug/l   | 92 |
| 11) Tert butyl alcohol        | 5.494  | 59  | 5351   | 18.359    | ug/l # | 71 |
| 14) Allyl chloride            | 4.959  | 41  | 1441   | 0.518     | ug/l # | 28 |
| 16) Acetone                   | 4.430  | 43  | 349768 | 400.852   | ug/l   | 97 |
| 17) Carbon Disulfide          | 4.694  | 76  | 2666   | 0.610     | ug/l # | 75 |
| 18) Methyl Acetate            | 5.030  | 43  | 5013   | 0.936     | ug/l # | 82 |
| 25) 2-Butanone                | 7.483  | 43  | 207479 | 180.913   | ug/l   | 99 |
| 28) Bromochloromethane        | 7.794  | 49  | 583    | 0.420     | ug/l # | 14 |
| 29) Tetrahydrofuran           | 7.788  | 42  | 5593   | 8.248     | ug/l # | 33 |
| 31) Cyclohexane               | 8.218  | 56  | 4813   | 1.530     | ug/l # | 25 |
| 36) 1,1-Dichloropropene       | 8.224  | 75  | 13367  | 4.724     | ug/l # | 50 |
| 37) Ethyl Acetate             | 7.483  | 43  | 207479 | 80.775    | ug/l # | 68 |
| 38) Carbon Tetrachloride      | 8.224  | 117 | 16771  | 5.224     | ug/l # | 17 |
| 39) Methylcyclohexane         | 9.594  | 83  | 1667   | 0.518     | ug/l # | 61 |
| 40) Benzene                   | 8.606  | 78  | 7553   | 0.887     | ug/l # | 87 |
| 41) Methacrylonitrile         | 7.788  | 41  | 27476  | 18.086    | ug/l # | 48 |
| 43) Isopropyl Acetate         | 8.647  | 43  | 75108  | 16.136    | ug/l # | 59 |
| 48) Methyl methacrylate       | 9.653  | 41  | 11044  | 5.001     | ug/l # | 48 |
| 49) 1,4-Dioxane               | 9.706  | 88  | 955    | 26.288    | ug/l # | 14 |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43  | 1273   | 0.502     | ug/l # | 71 |
| 52) Toluene                   | 10.629 | 92  | 68733  | 13.193    | ug/l   | 97 |
| 53) t-1,3-Dichloropropene     | 10.641 | 75  | 772    | 0.244     | ug/l # | 1  |
| 59) 2-Hexanone                | 11.118 | 43  | 33922  | 18.099    | ug/l # | 24 |
| 67) Ethyl Benzene             | 11.965 | 91  | 19756  | 1.509     | ug/l   | 94 |
| 68) m/p-Xylenes               | 12.065 | 106 | 28372  | 5.838     | ug/l   | 98 |
| 69) o-Xylene                  | 12.400 | 106 | 10788  | 2.293     | ug/l   | 93 |
| 70) Styrene                   | 12.412 | 104 | 10604  | 1.373     | ug/l   | 91 |
| 74) N-amyl acetate            | 12.453 | 43  | 18316  | 2.996     | ug/l # | 43 |
| 76) 1,2,3-Trichloropropane    | 12.847 | 75  | 93847  | 25.115    | ug/l # | 1  |
| 78) n-propylbenzene           | 13.035 | 91  | 4783   | 0.287     | ug/l # | 71 |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105 | 3419   | 0.283     | ug/l   | 95 |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75  | 93847  | 65.777    | ug/l # | 9  |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105 | 16997  | 1.401     | ug/l   | 79 |
| 90) Hexachloroethane          | 14.282 | 117 | 708    | 0.300     | ug/l # | 17 |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180 | 690    | 0.205     | ug/l # | 41 |

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Acq On : 12 Sep 2024 14:41  
Operator : JC\MD  
Sample : P3913-10RE  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 12 17:34:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
Response via : Initial Calibration

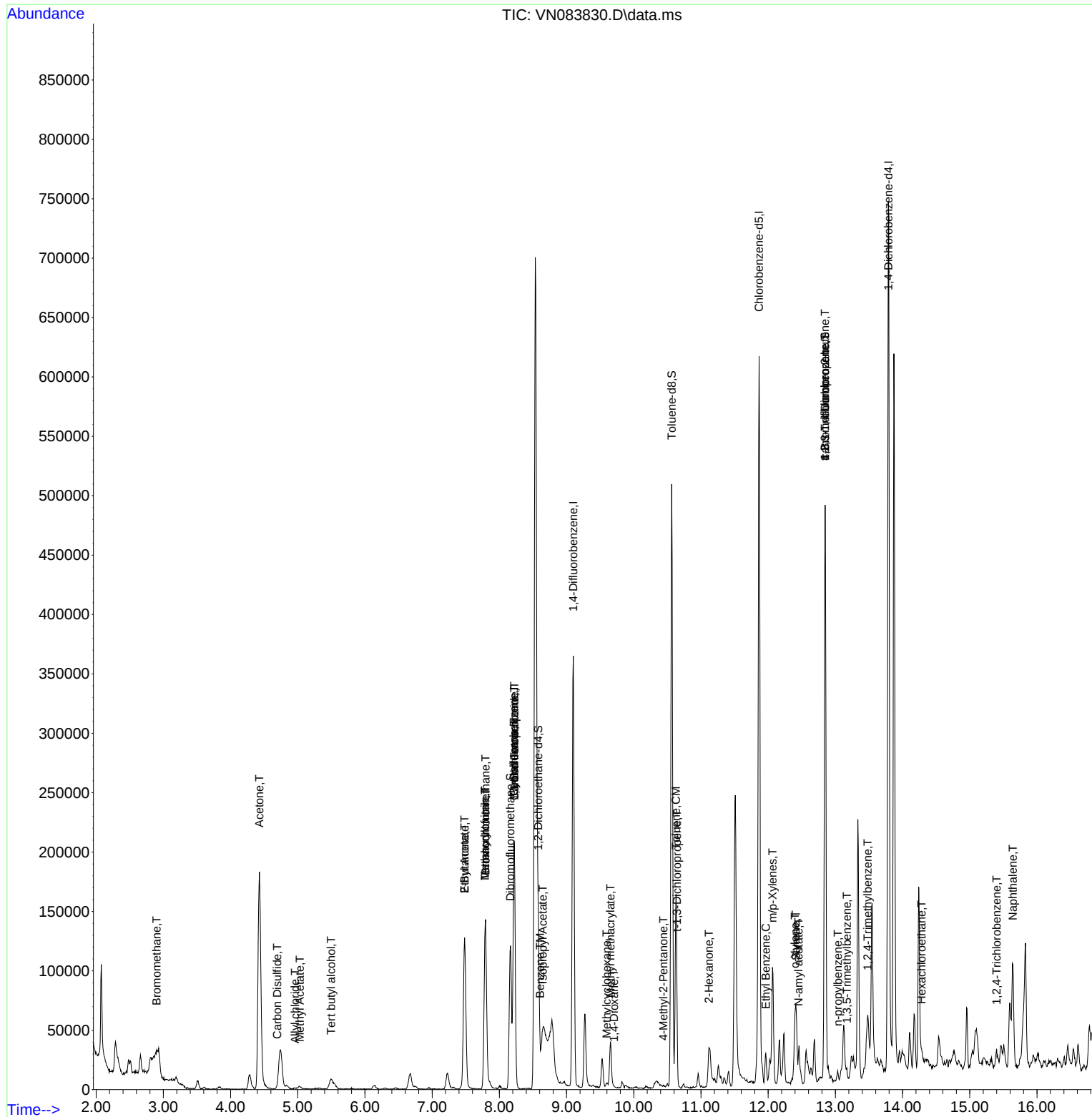
| Compound        | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------|--------|------|----------|-------|-------|----------|
| 95) Naphthalene | 15.641 | 128  | 74450    | 7.260 | ug/l  | 97       |

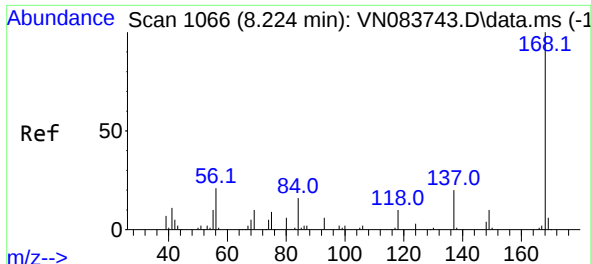
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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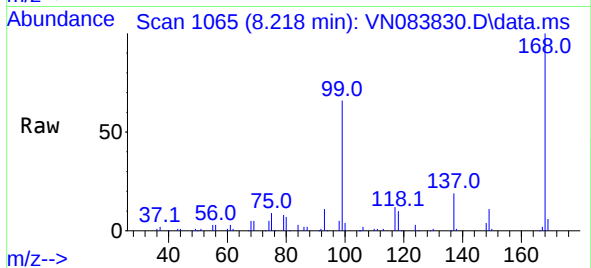
Quant Time: Sep 12 17:34:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 11 15:18:56 2024  
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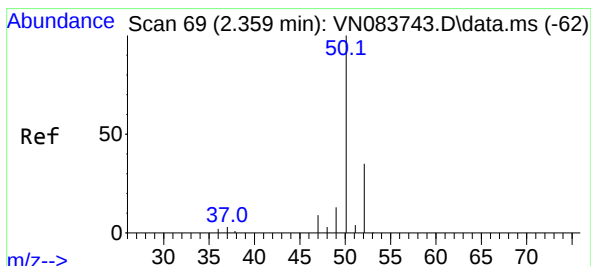
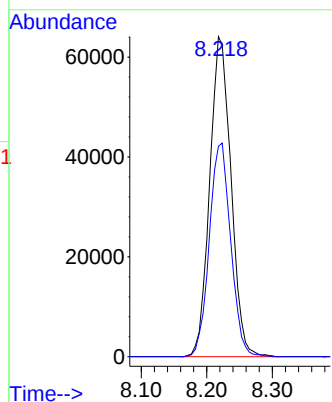
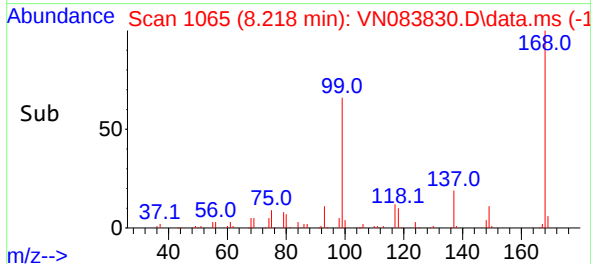


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

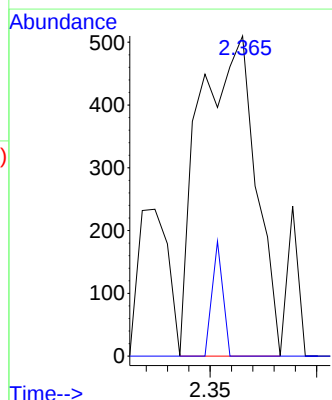
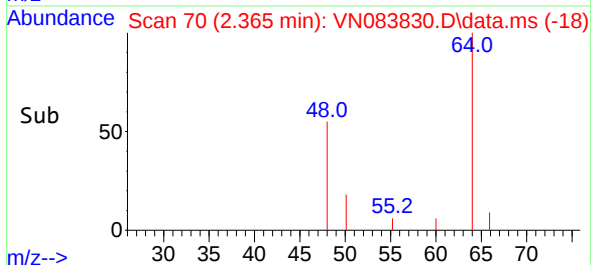
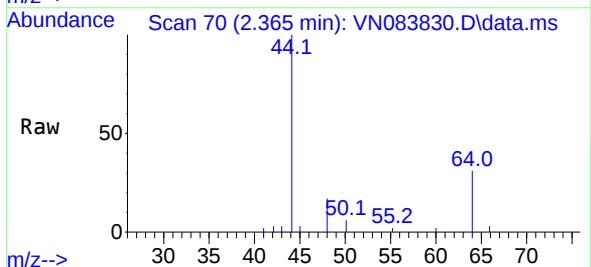


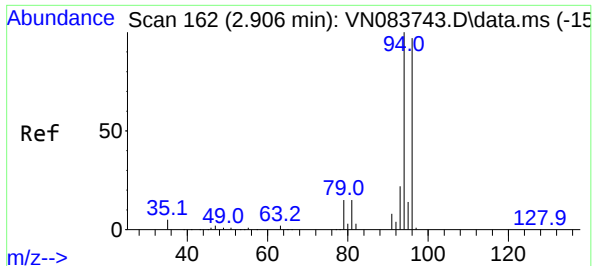
Tgt Ion:168 Resp: 144353  
Ion Ratio Lower Upper  
168 100  
99 65.8 54.2 81.2



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.365 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 50 Resp: 935  
Ion Ratio Lower Upper  
50 100  
52 0.0 27.2 40.8#

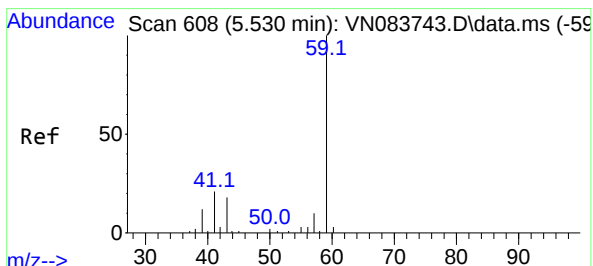
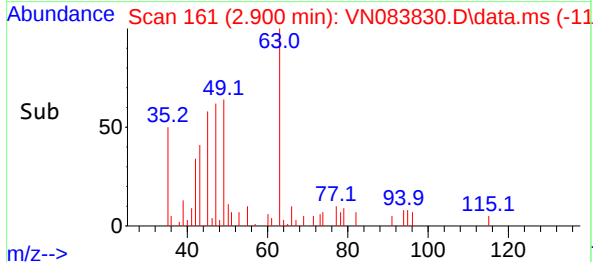
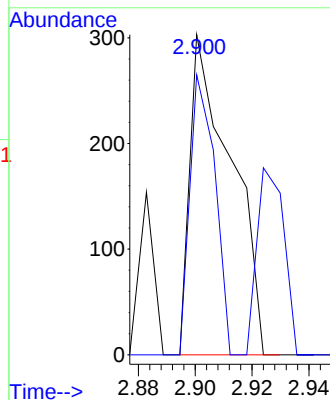
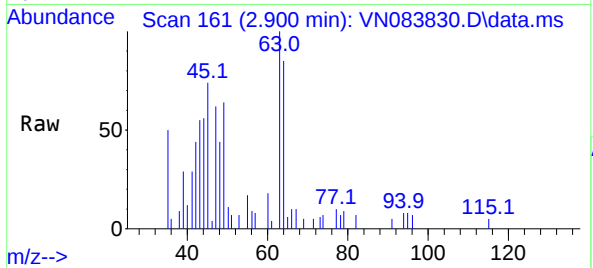




#5  
Bromomethane  
Concen: 0.289 ug/l  
RT: 2.900 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

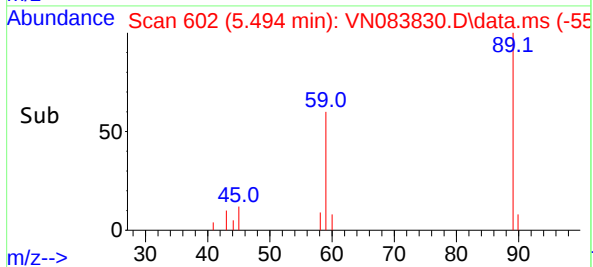
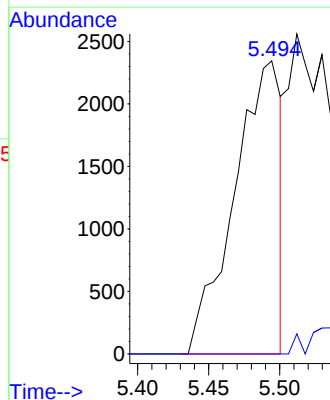
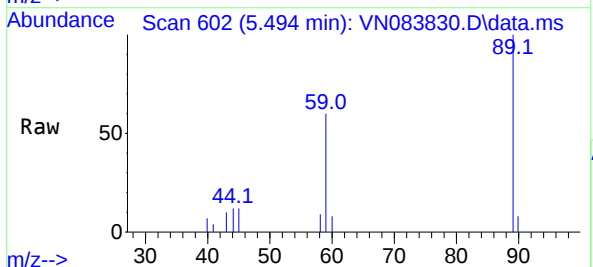
Instrument :  
MSVOA\_N  
ClientSampleId :

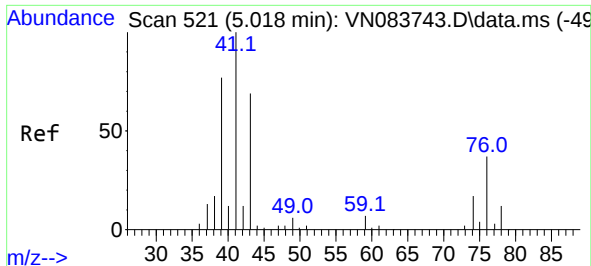
Tgt Ion: 94 Resp: 305  
Ion Ratio Lower Upper  
94 100  
96 87.5 76.0 114.0



#11  
Tert butyl alcohol  
Concen: 18.359 ug/l  
RT: 5.494 min Scan# 602  
Delta R.T. -0.035 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

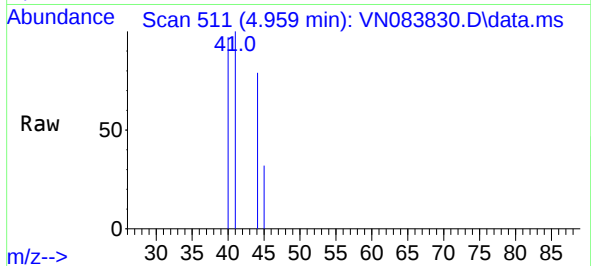
Tgt Ion: 59 Resp: 5351  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.7 13.1#



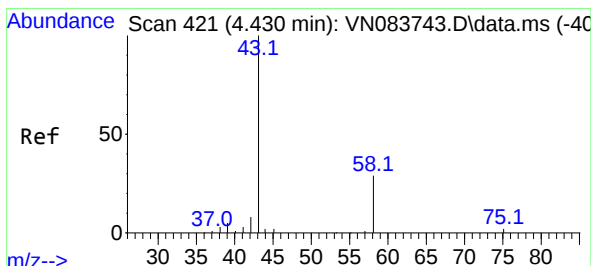
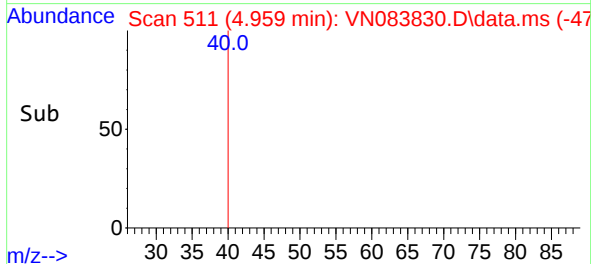
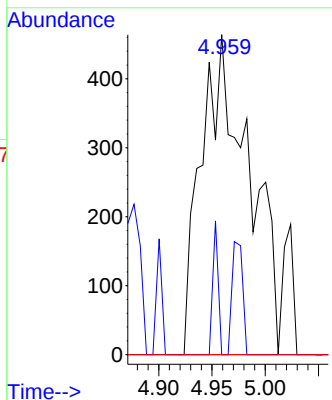


#14  
 Allyl chloride  
 Concen: 0.518 ug/l  
 RT: 4.959 min Scan# 511  
 Delta R.T. -0.059 min  
 Lab File: VN083830.D  
 Acq: 12 Sep 2024 14:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :

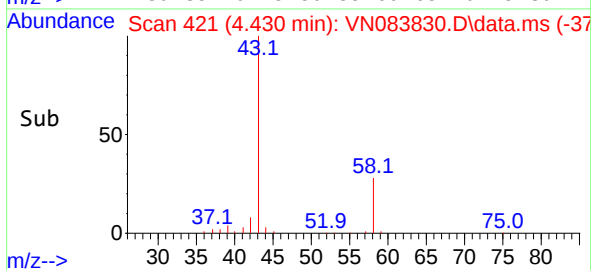
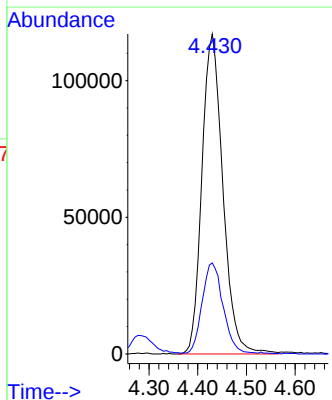
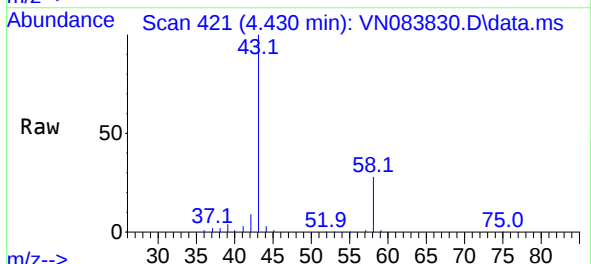


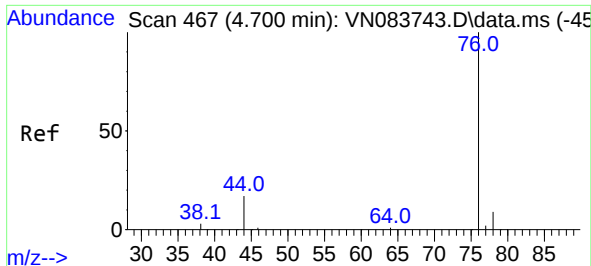
Tgt Ion: 41 Resp: 1441  
 Ion Ratio Lower Upper  
 41 100  
 39 7.9 59.3 88.9#  
 76 0.0 27.7 41.5#



#16  
 Acetone  
 Concen: 400.852 ug/l  
 RT: 4.430 min Scan# 421  
 Delta R.T. -0.000 min  
 Lab File: VN083830.D  
 Acq: 12 Sep 2024 14:41

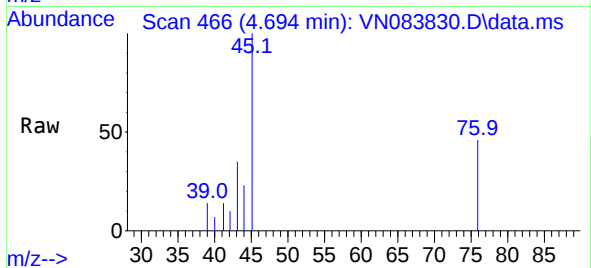
Tgt Ion: 43 Resp: 349768  
 Ion Ratio Lower Upper  
 43 100  
 58 28.2 23.7 35.5



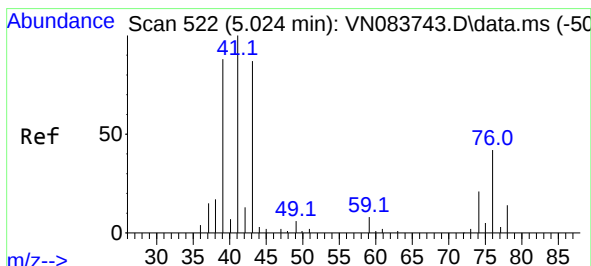
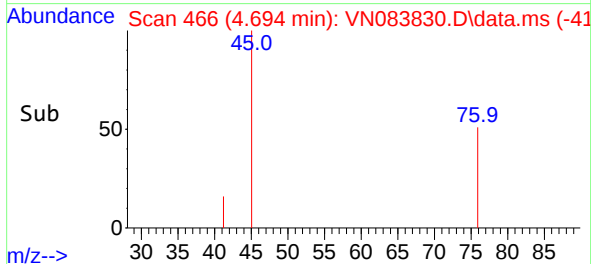
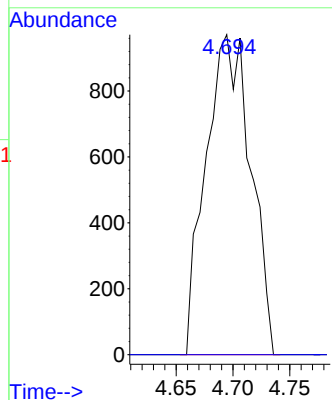


#17  
Carbon Disulfide  
Concen: 0.610 ug/l  
RT: 4.694 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

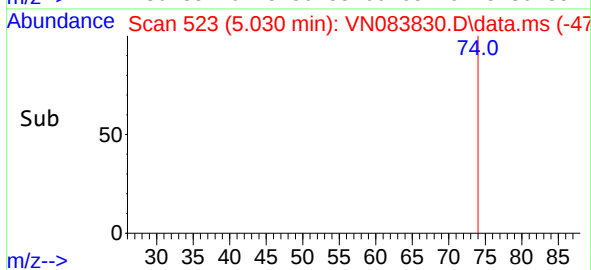
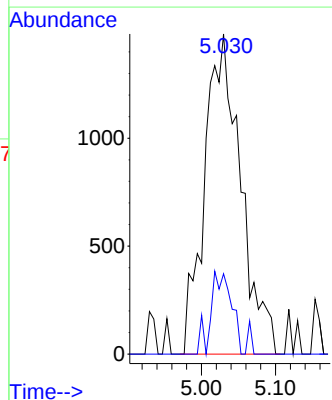
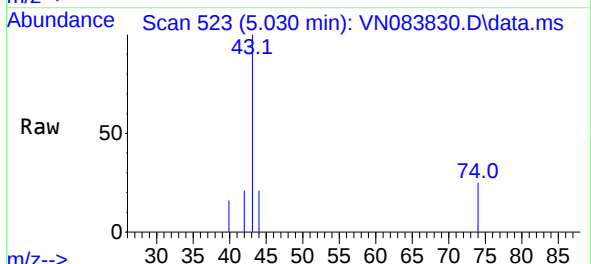


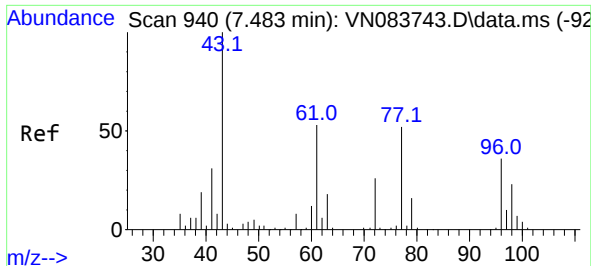
Tgt Ion: 76 Resp: 2666  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#



#18  
Methyl Acetate  
Concen: 0.936 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 43 Resp: 5013  
Ion Ratio Lower Upper  
43 100  
74 14.8 19.0 28.4#

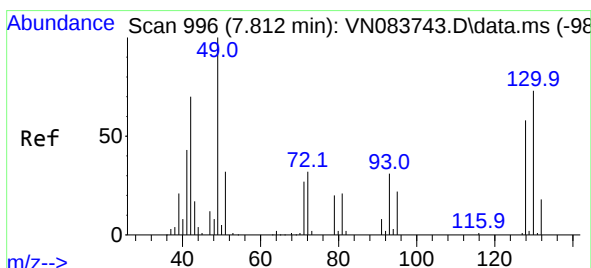
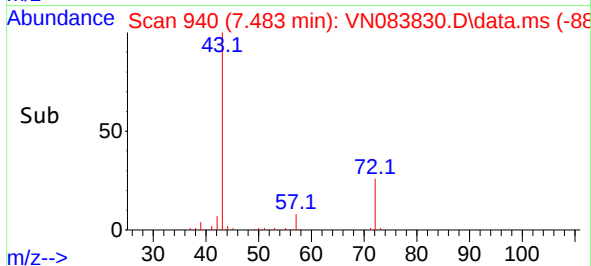
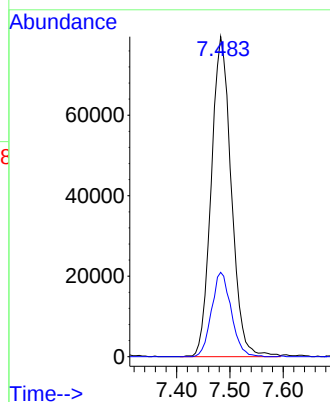
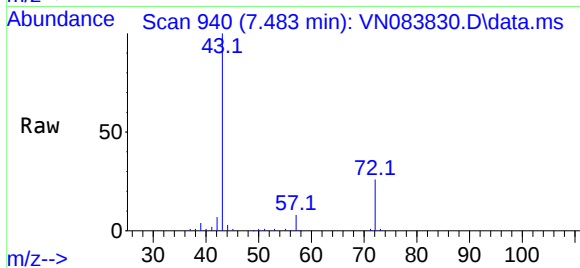




#25  
2-Butanone  
Concen: 180.913 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

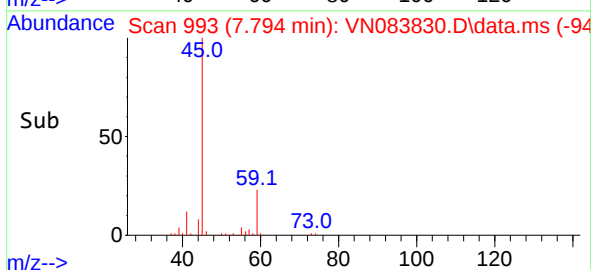
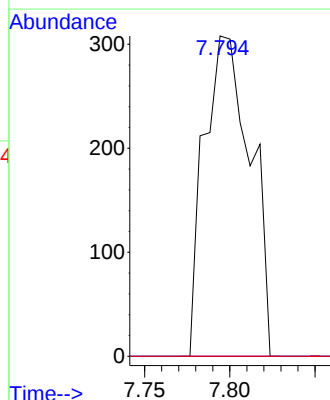
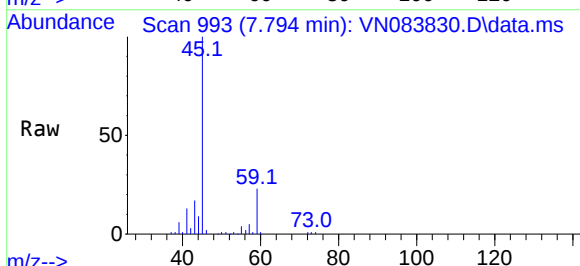
Instrument :  
MSVOA\_N  
ClientSampleId :

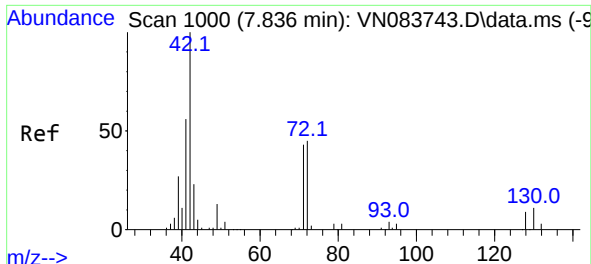
Tgt Ion: 43 Resp: 207479  
Ion Ratio Lower Upper  
43 100  
72 26.4 20.8 31.2



#28  
Bromochloromethane  
Concen: 0.420 ug/l  
RT: 7.794 min Scan# 993  
Delta R.T. -0.018 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

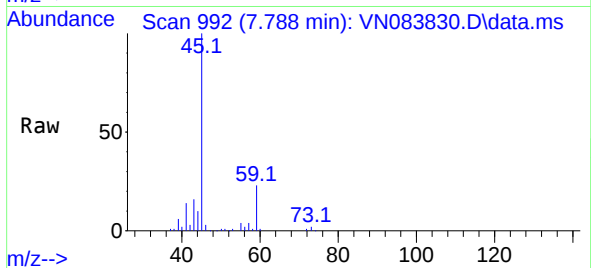
Tgt Ion: 49 Resp: 583  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.4  
130 0.0 60.2 90.2#



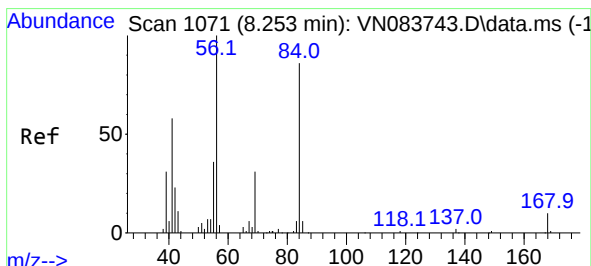
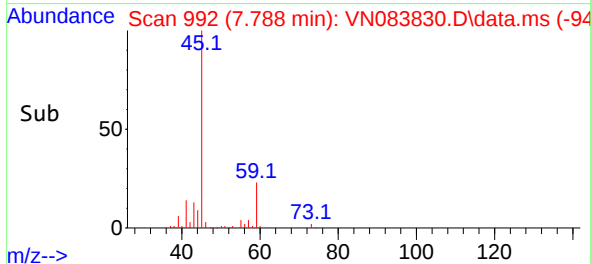
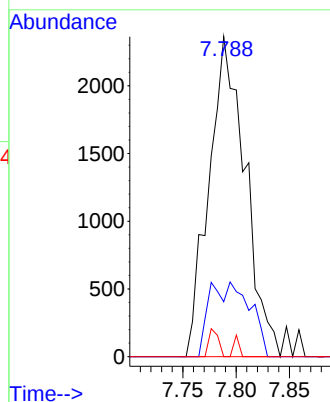


#29  
Tetrahydrofuran  
Concen: 8.248 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. -0.047 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

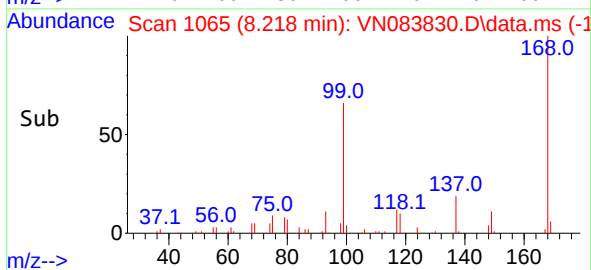
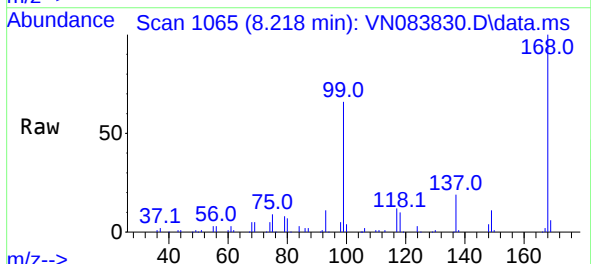
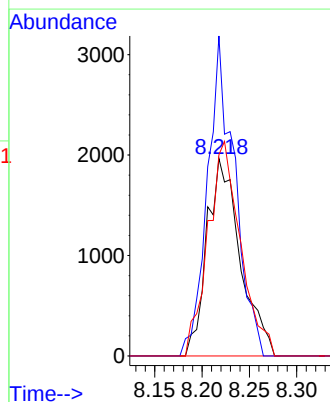


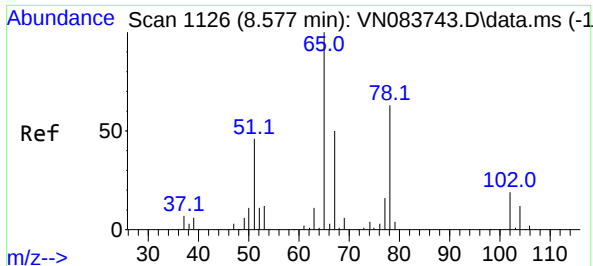
Tgt Ion: 42 Resp: 5593  
Ion Ratio Lower Upper  
42 100  
72 0.0 35.9 53.9#  
71 1.0 33.9 50.9#



#31  
Cyclohexane  
Concen: 1.530 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.035 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 56 Resp: 4813  
Ion Ratio Lower Upper  
56 100  
69 162.1 26.9 40.3#  
84 101.9 69.2 103.8

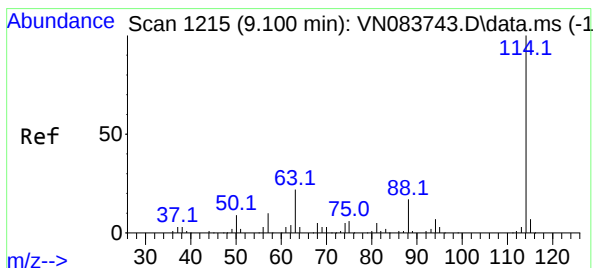
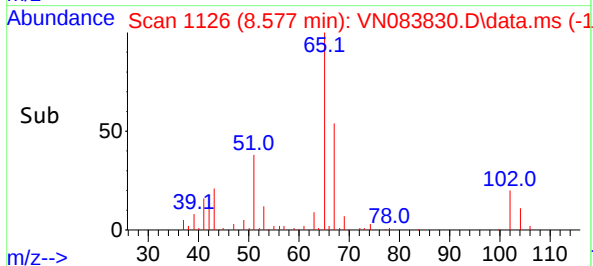
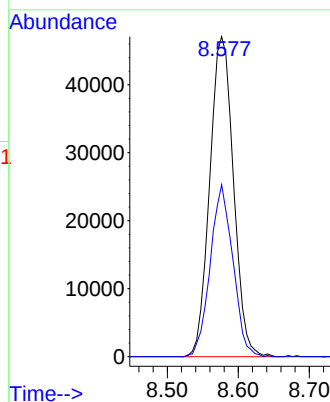
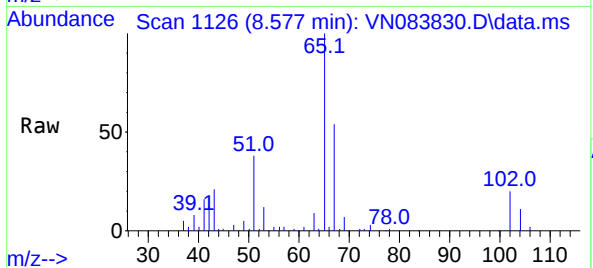




#33  
1,2-Dichloroethane-d4  
Concen: 50.094 ug/l  
RT: 8.577 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

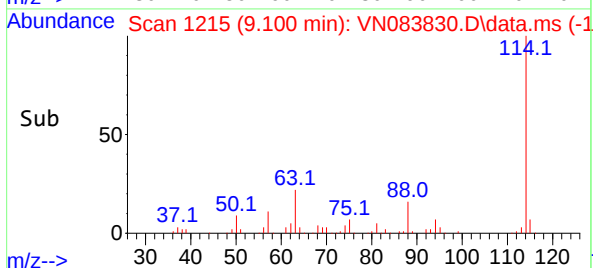
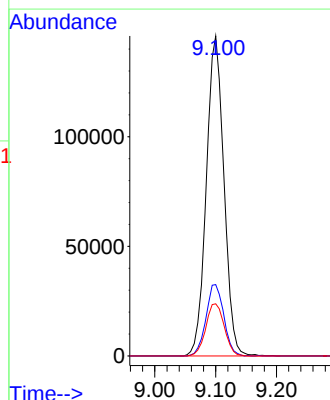
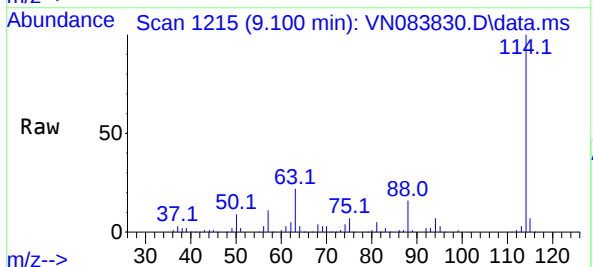
Instrument :  
MSVOA\_N  
ClientSampleId :

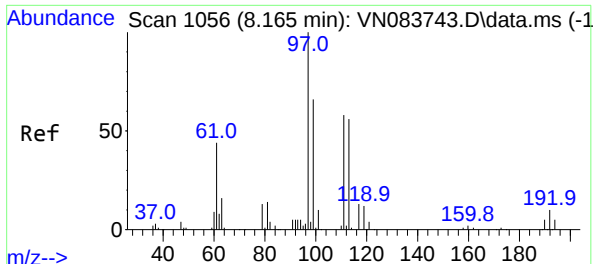
Tgt Ion: 65 Resp: 109037  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

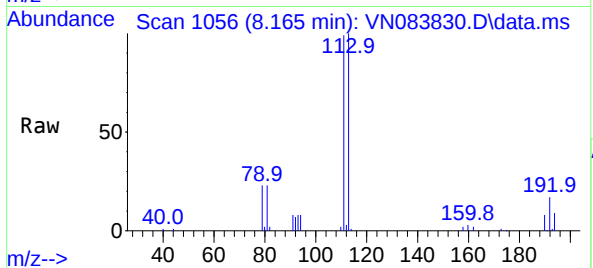
Tgt Ion: 114 Resp: 293675  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 43.4  
88 16.3 0.0 32.6



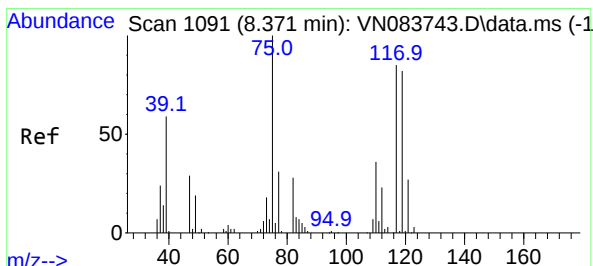
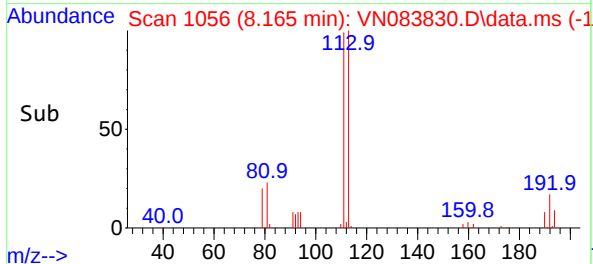
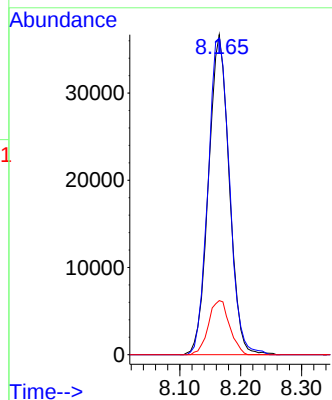


#35  
Dibromofluoromethane  
Concen: 46.047 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

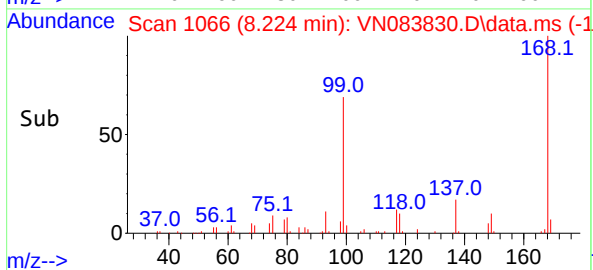
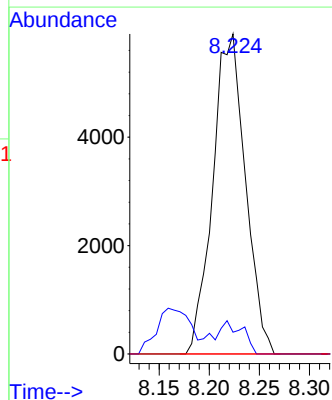
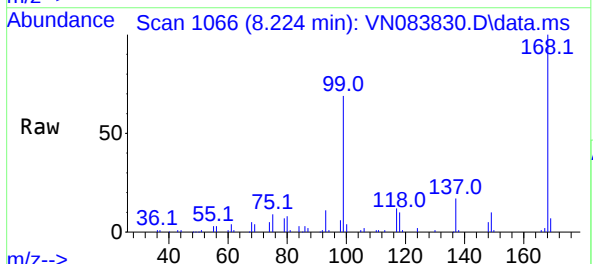


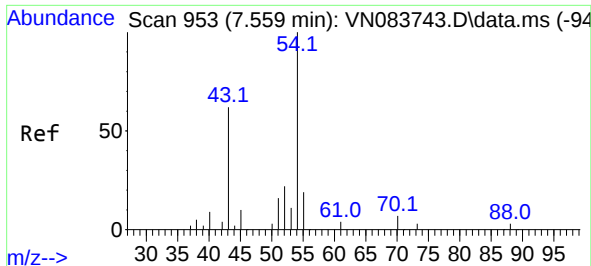
Tgt Ion:113 Resp: 86571  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.6 124.0  
192 17.2 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 4.724 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.147 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

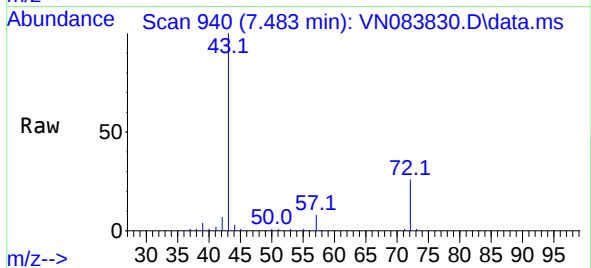
Tgt Ion: 75 Resp: 13367  
Ion Ratio Lower Upper  
75 100  
110 8.6 16.7 50.1#  
77 0.0 25.2 37.8#



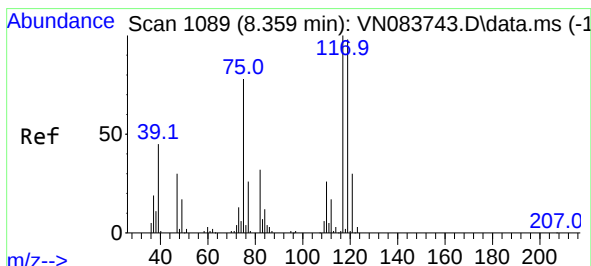
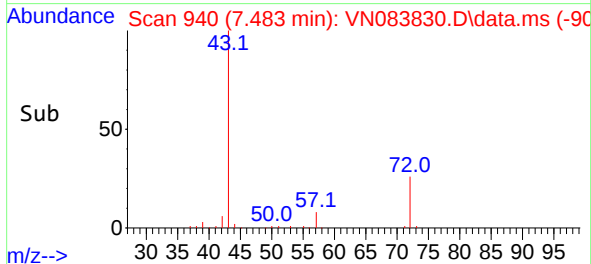
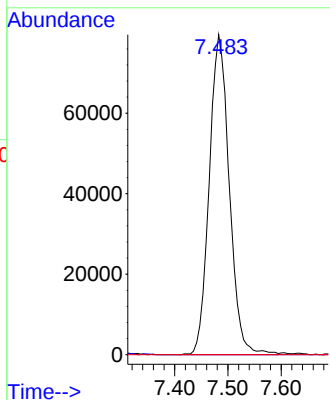


#37  
Ethyl Acetate  
Concen: 80.775 ug/l  
RT: 7.483 min Scan# 94  
Delta R.T. -0.077 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

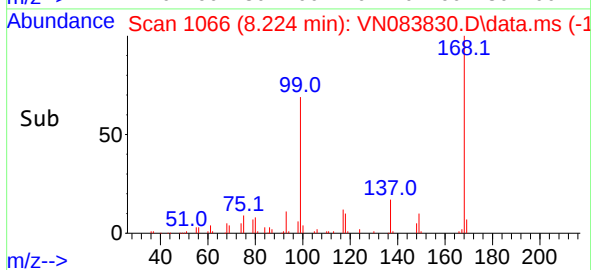
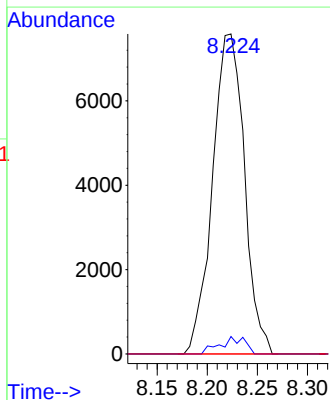
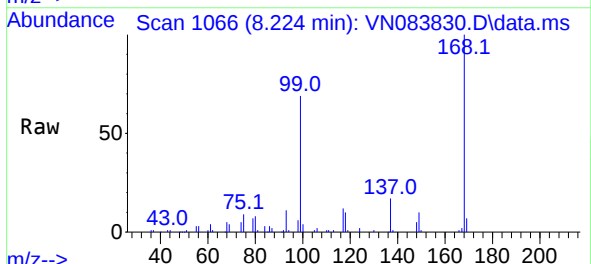


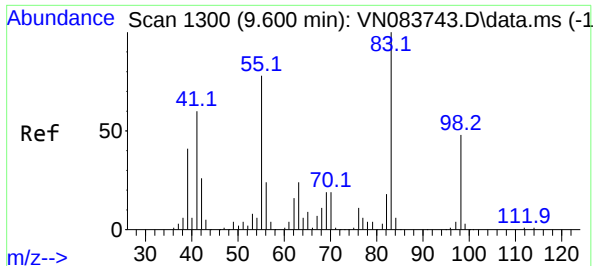
Tgt Ion: 43 Resp: 207479  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.1 16.7#  
70 0.0 8.8 13.2#



#38  
Carbon Tetrachloride  
Concen: 5.224 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.135 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 117 Resp: 16771  
Ion Ratio Lower Upper  
117 100  
119 5.4 76.1 114.1#  
121 0.0 24.1 36.1#

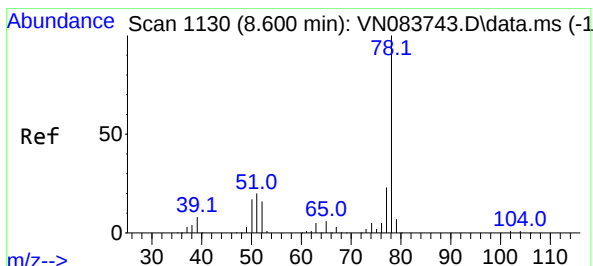
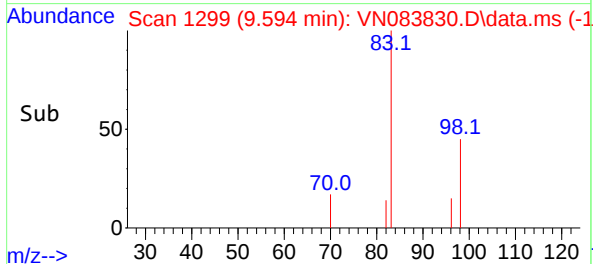
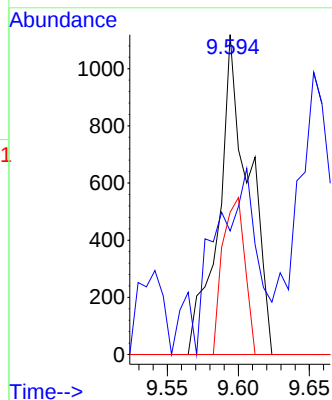
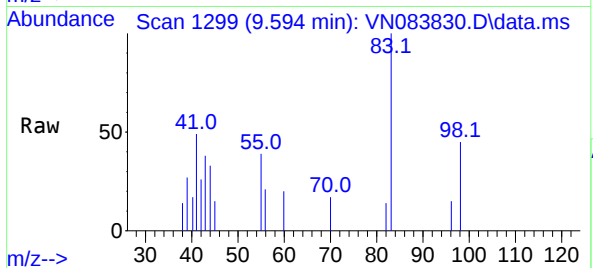




#39  
Methylcyclohexane  
Concen: 0.518 ug/l  
RT: 9.594 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

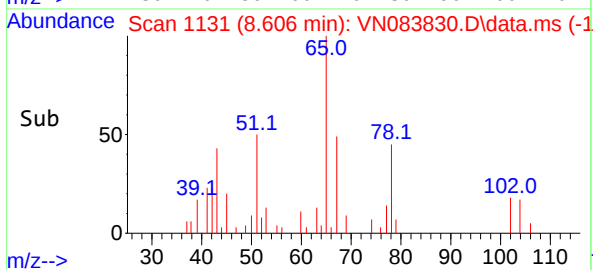
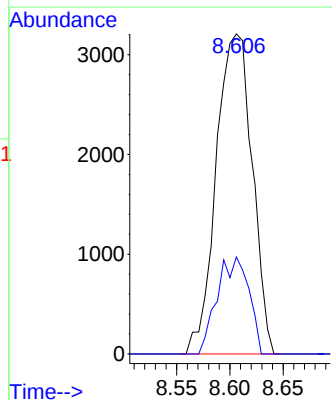
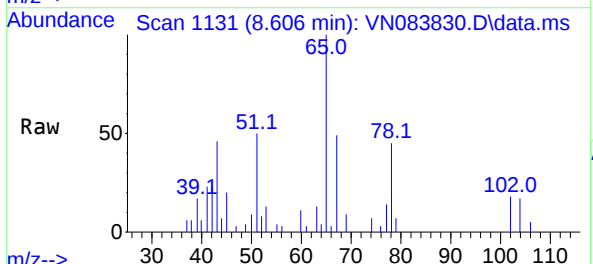
Instrument :  
MSVOA\_N  
ClientSampleId :

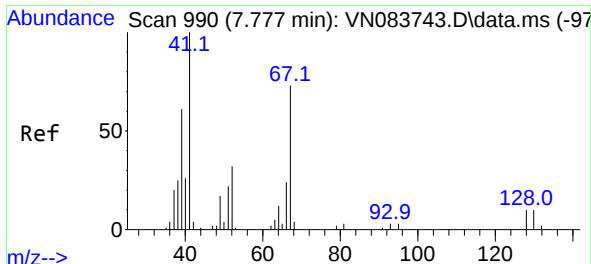
Tgt Ion: 83 Resp: 1667  
Ion Ratio Lower Upper  
83 100  
55 24.8 62.2 93.4#  
98 44.5 37.6 56.4



#40  
Benzene  
Concen: 0.887 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

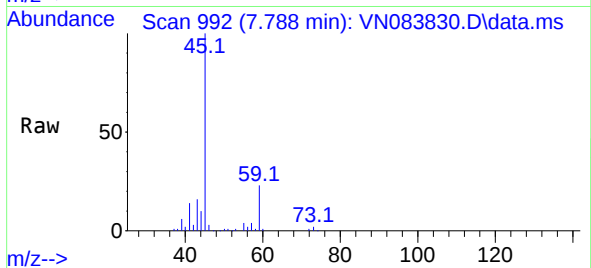
Tgt Ion: 78 Resp: 7553  
Ion Ratio Lower Upper  
78 100  
77 30.3 19.0 28.6#



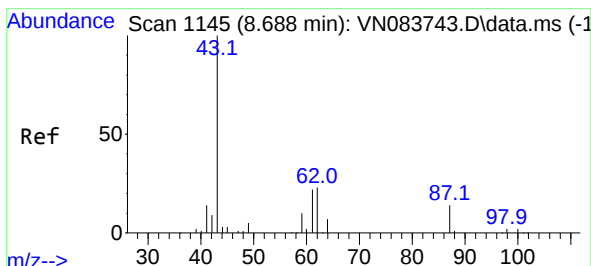
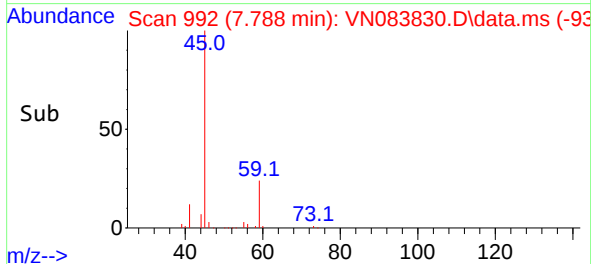
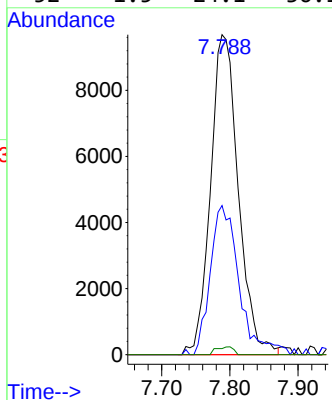


#41  
Methacrylonitrile  
Concen: 18.086 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

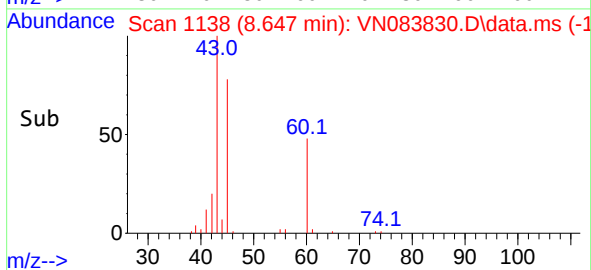
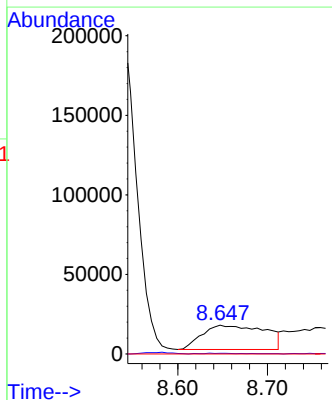
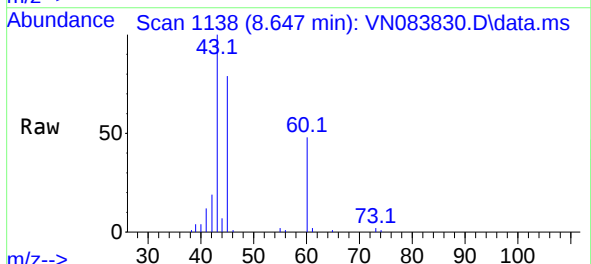


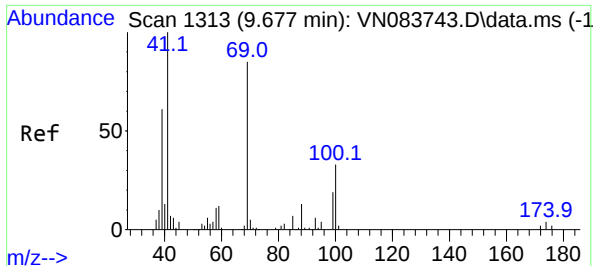
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27476 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.5  | 45.4  | 68.2  |
| 67       | 0.0   | 55.9  | 83.9# |
| 52       | 1.5   | 24.1  | 36.1# |



#43  
Isopropyl Acetate  
Concen: 16.136 ug/l  
RT: 8.647 min Scan# 1138  
Delta R.T. -0.041 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

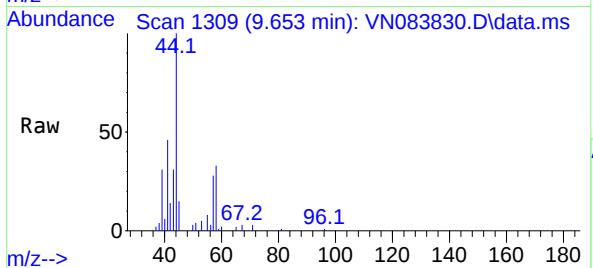
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 75108 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 1.5   | 19.4  | 29.0# |
| 87       | 0.0   | 9.8   | 14.6# |



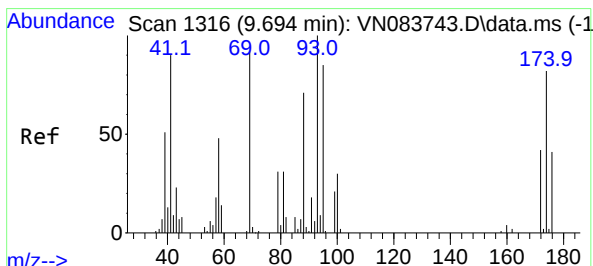
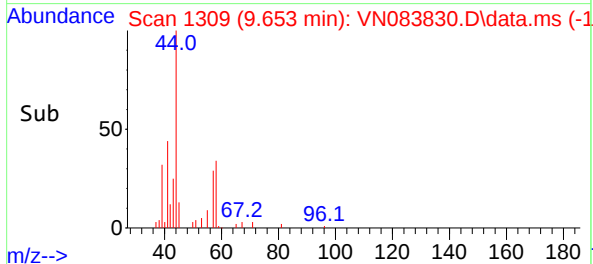
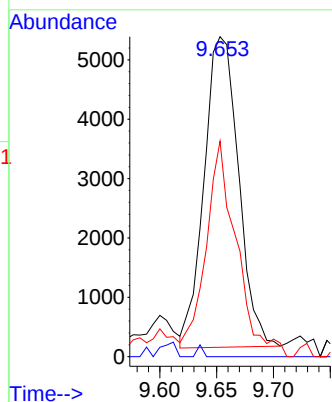


#48  
Methyl methacrylate  
Concen: 5.001 ug/l  
RT: 9.653 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

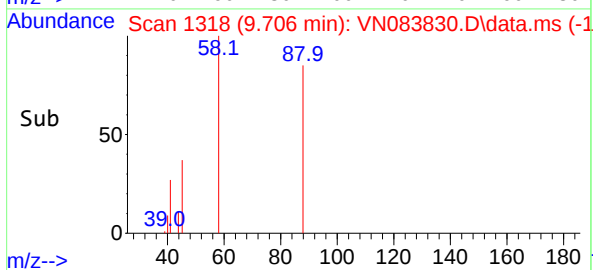
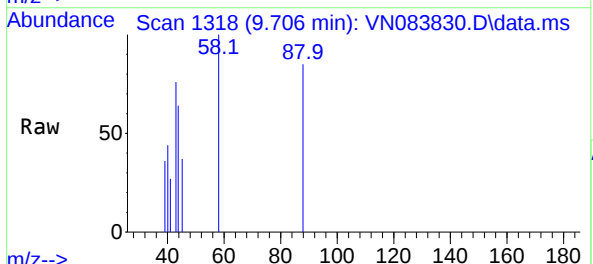
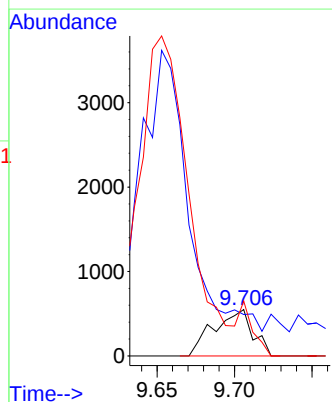


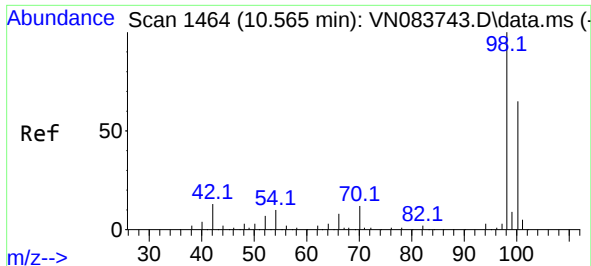
Tgt Ion: 41 Resp: 11044  
Ion Ratio Lower Upper  
41 100  
69 0.6 64.3 96.5#  
39 62.2 48.9 73.3



#49  
1,4-Dioxane  
Concen: 26.288 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. 0.012 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 88 Resp: 955  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 0.0 57.1 85.7#

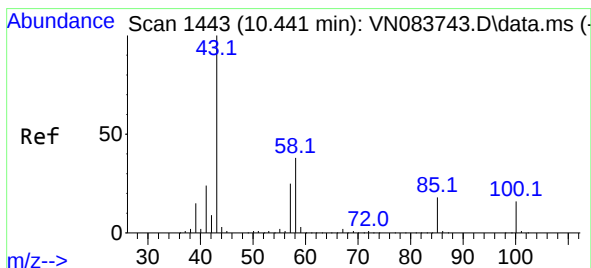
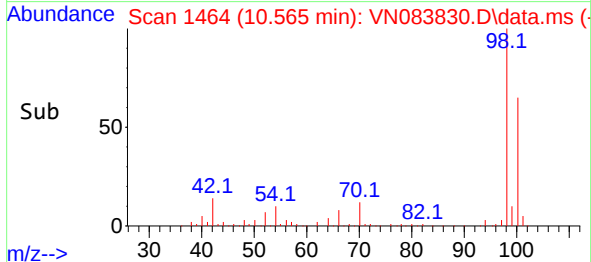
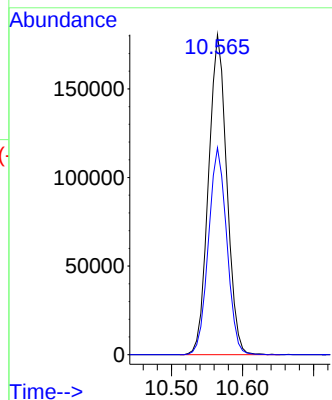
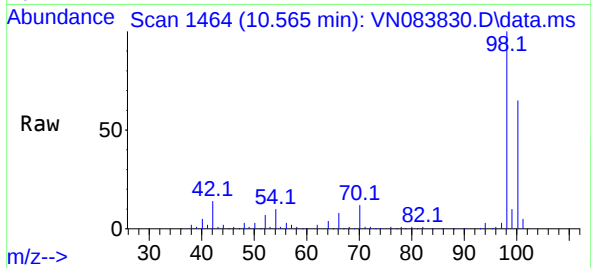




#50  
Toluene-d8  
Concen: 49.785 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

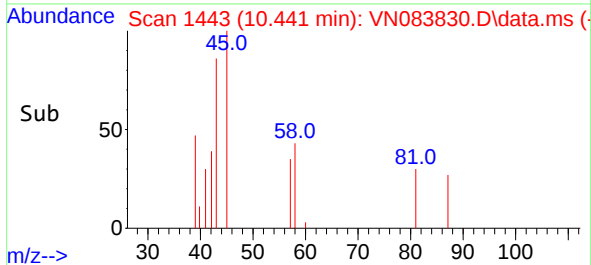
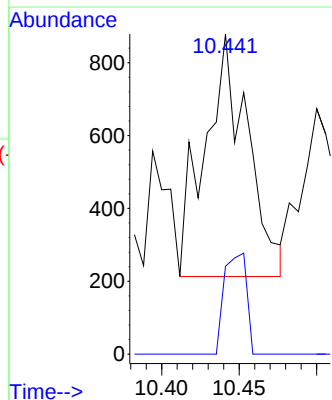
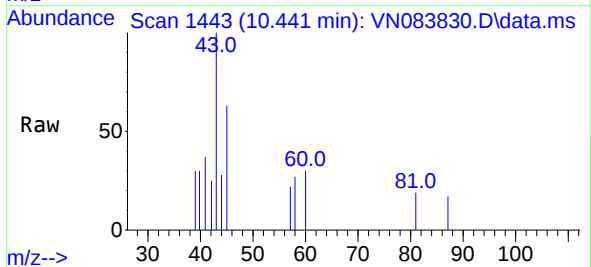
Instrument :  
MSVOA\_N  
ClientSampleId :

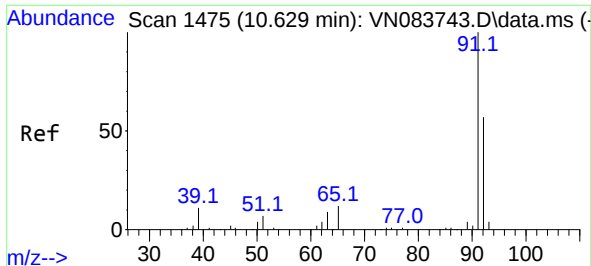
Tgt Ion: 98 Resp: 323580  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.502 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 43 Resp: 1273  
Ion Ratio Lower Upper  
43 100  
58 21.7 31.6 47.4#

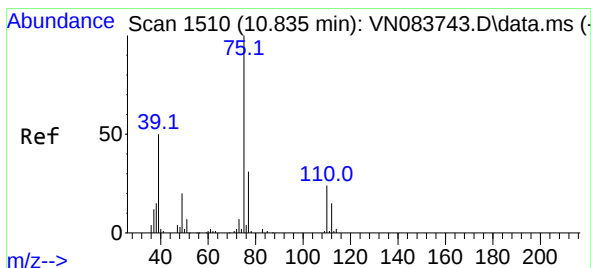
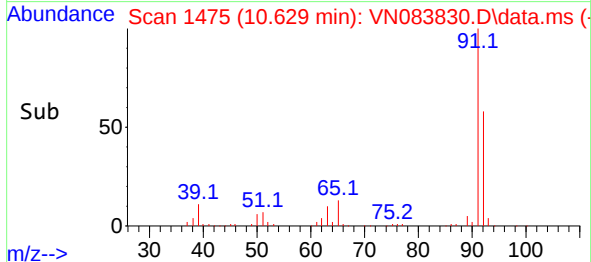
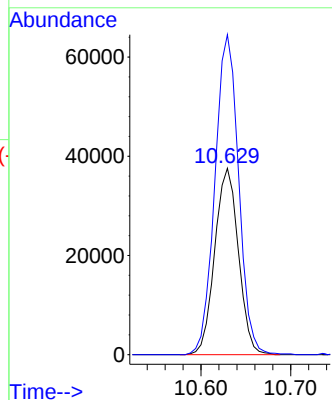
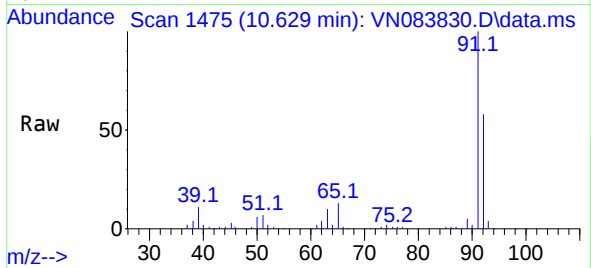




#52  
Toluene  
Concen: 13.193 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

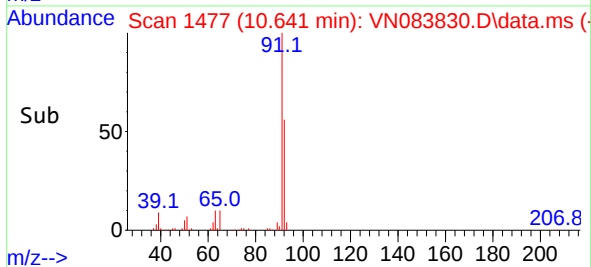
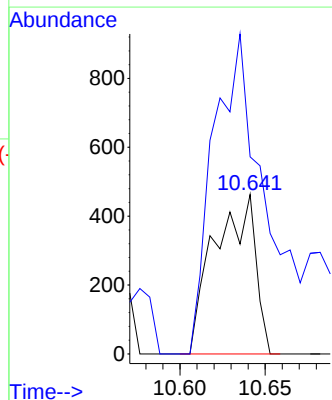
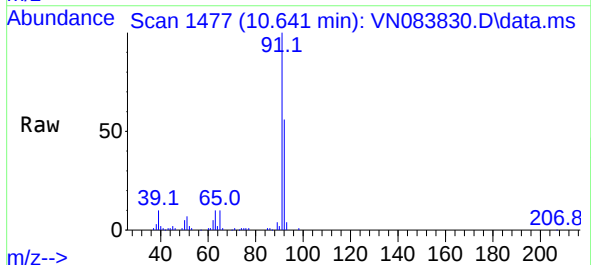
Instrument :  
MSVOA\_N  
ClientSampleId :

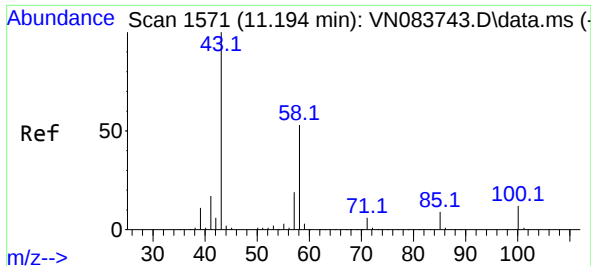
Tgt Ion: 92 Resp: 68733  
Ion Ratio Lower Upper  
92 100  
91 172.3 134.7 202.1



#53  
t-1,3-Dichloropropene  
Concen: 0.244 ug/l  
RT: 10.641 min Scan# 1477  
Delta R.T. -0.194 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 75 Resp: 772  
Ion Ratio Lower Upper  
75 100  
77 123.5 25.8 38.6#

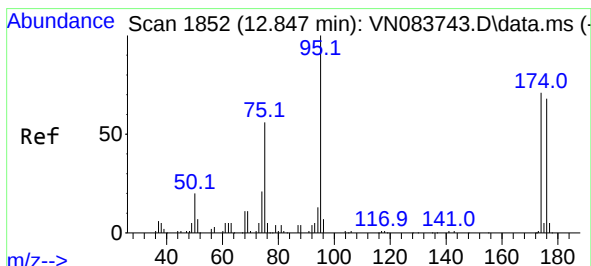
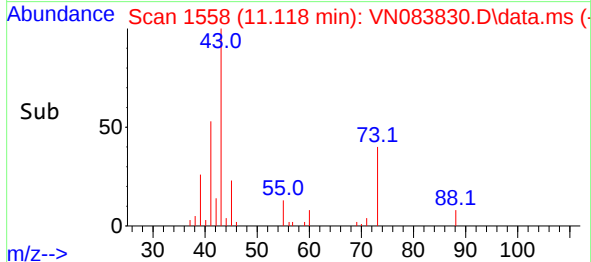
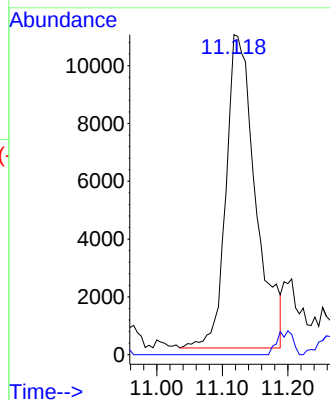
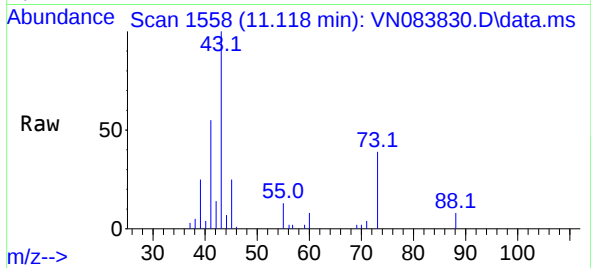




#59  
2-Hexanone  
Concen: 18.099 ug/l  
RT: 11.118 min Scan# 1558  
Delta R.T. -0.077 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

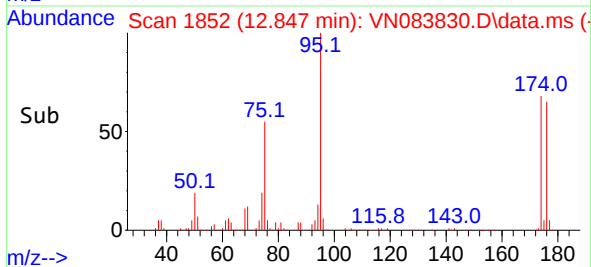
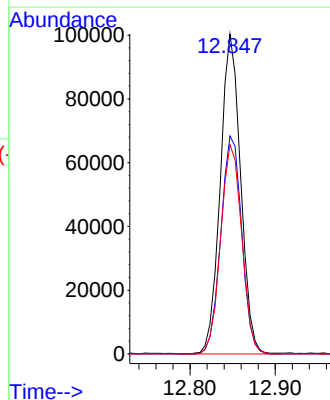
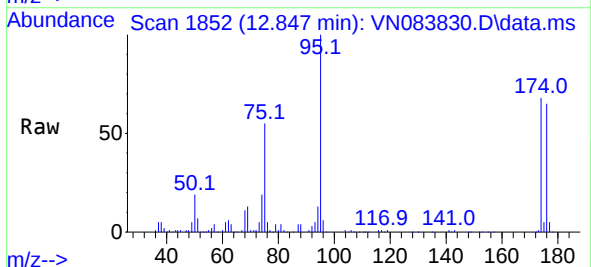
Instrument :  
MSVOA\_N  
ClientSampleId :

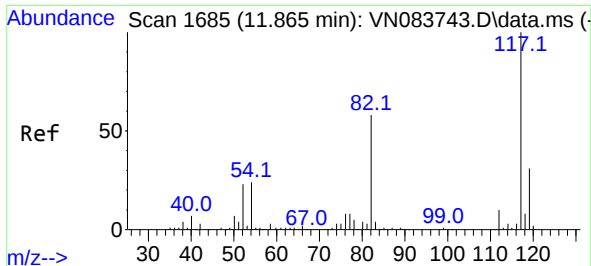
Tgt Ion: 43 Resp: 33922  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.2 81.5#



#62  
4-Bromofluorobenzene  
Concen: 62.156 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

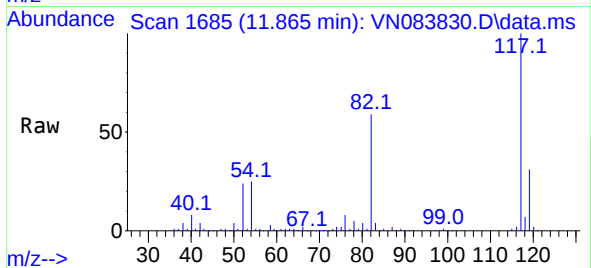
Tgt Ion: 95 Resp: 166673  
Ion Ratio Lower Upper  
95 100  
174 70.1 0.0 139.8  
176 67.6 0.0 131.4



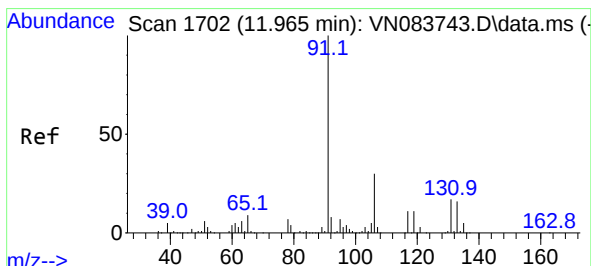
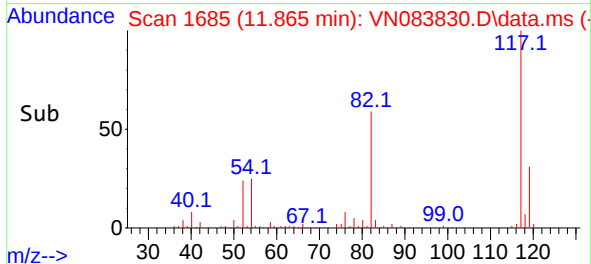
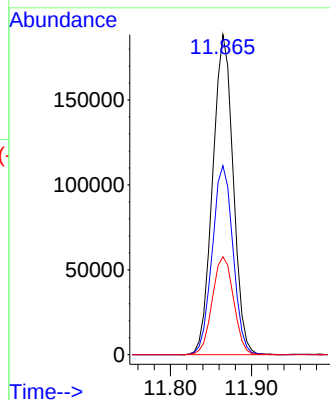


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

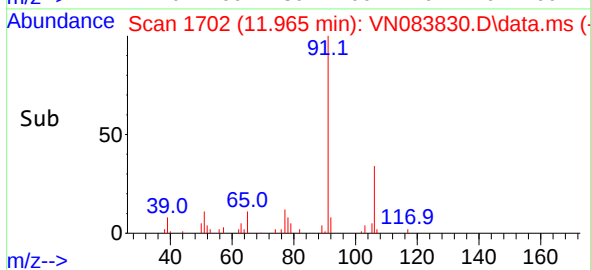
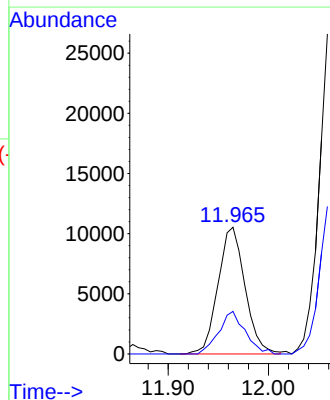
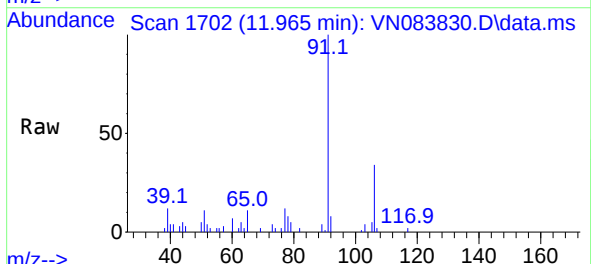


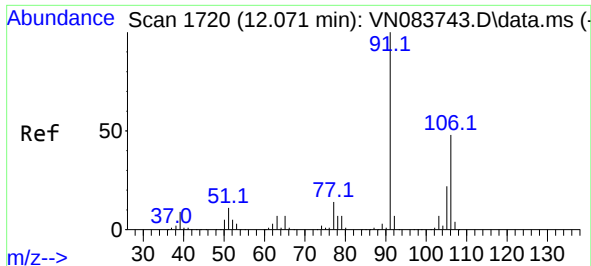
Tgt Ion:117 Resp: 331548  
Ion Ratio Lower Upper  
117 100  
82 59.0 47.4 71.0  
119 30.6 26.3 39.5



#67  
Ethyl Benzene  
Concen: 1.509 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 91 Resp: 19756  
Ion Ratio Lower Upper  
91 100  
106 33.6 24.3 36.5

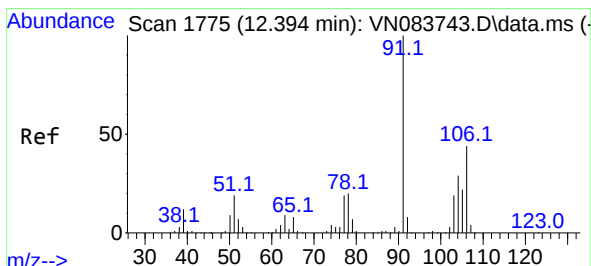
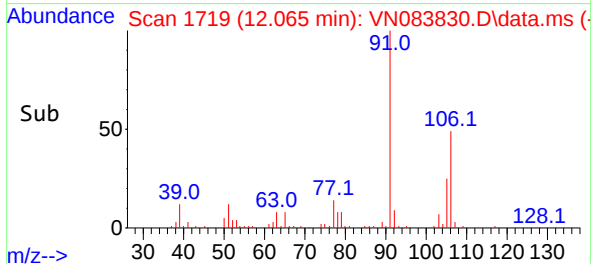
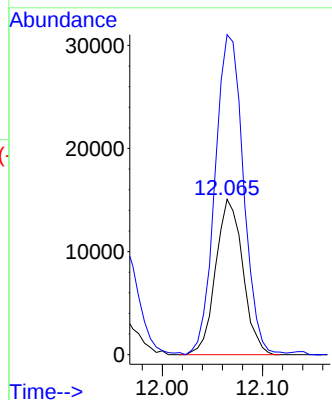
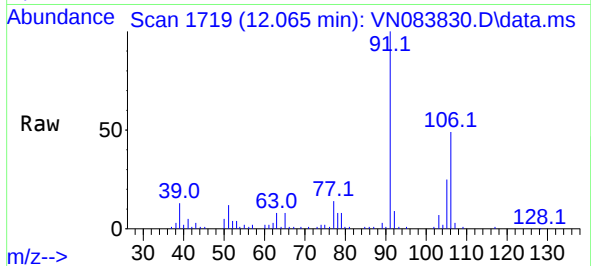




#68  
m/p-Xylenes  
Concen: 5.838 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

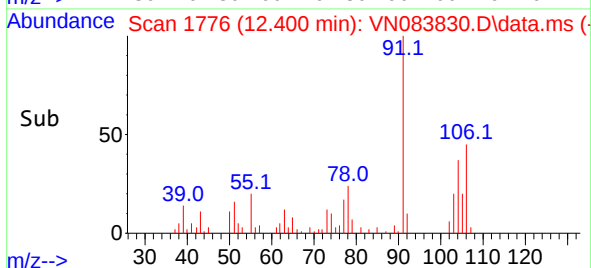
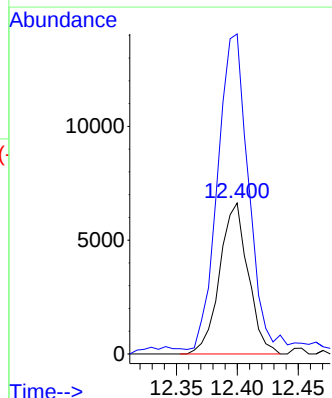
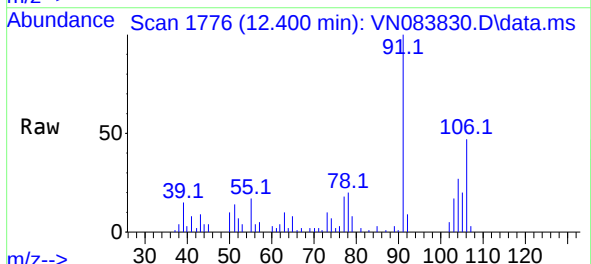
Instrument :  
MSVOA\_N  
ClientSampleId :

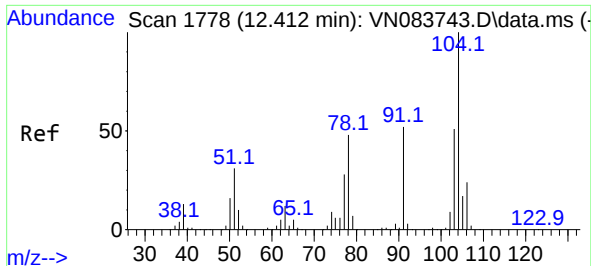
Tgt Ion:106 Resp: 28372  
Ion Ratio Lower Upper  
106 100  
91 215.3 169.2 253.8



#69  
o-Xylene  
Concen: 2.293 ug/l  
RT: 12.400 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

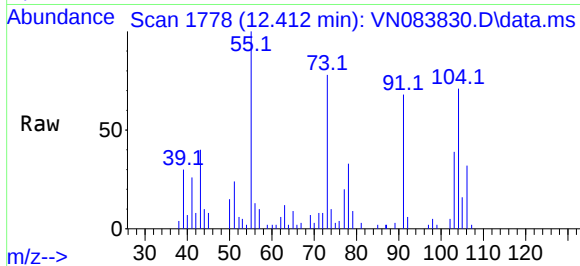
Tgt Ion:106 Resp: 10788  
Ion Ratio Lower Upper  
106 100  
91 237.3 112.9 338.6



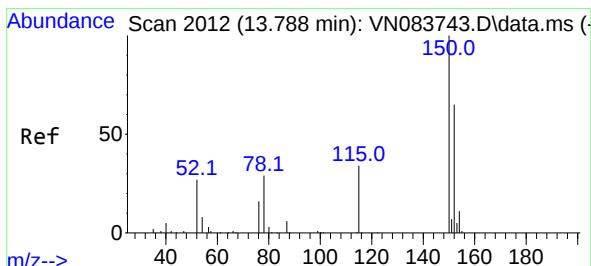
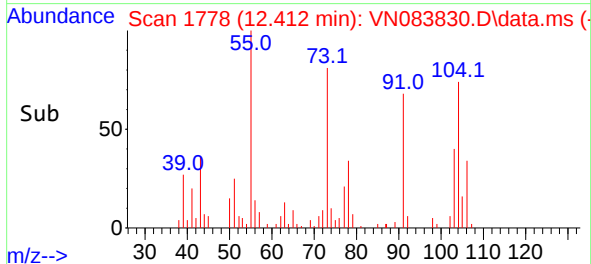
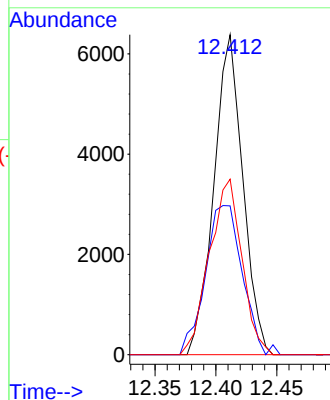


#70  
Styrene  
Concen: 1.373 ug/l  
RT: 12.412 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :

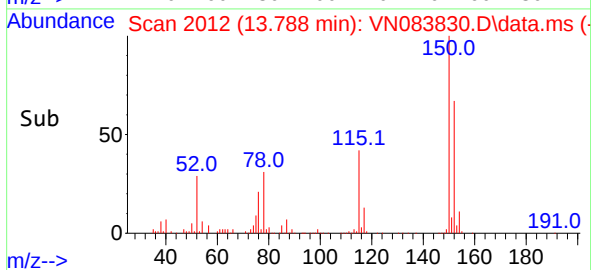
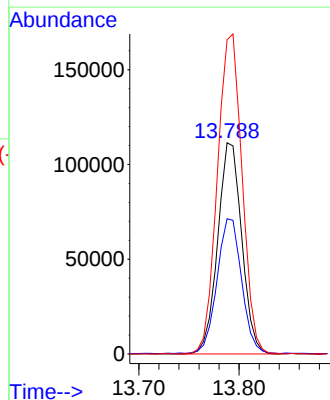
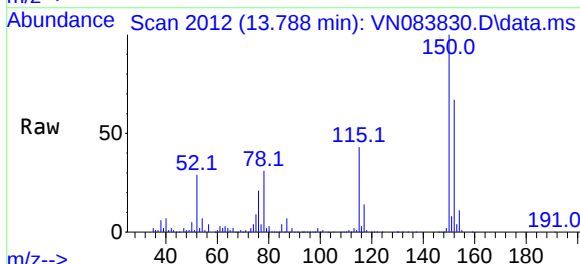


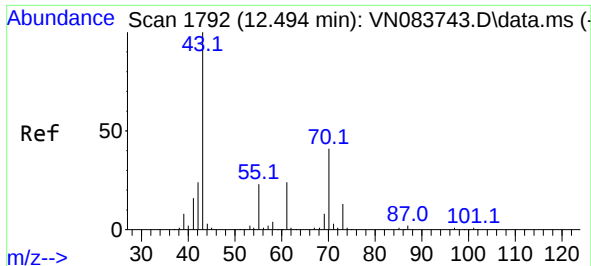
Tgt Ion:104 Resp: 10604  
Ion Ratio Lower Upper  
104 100  
78 59.4 43.3 64.9  
103 61.4 43.4 65.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion:152 Resp: 185188  
Ion Ratio Lower Upper  
152 100  
115 65.7 32.2 96.6  
150 156.3 0.0 348.6

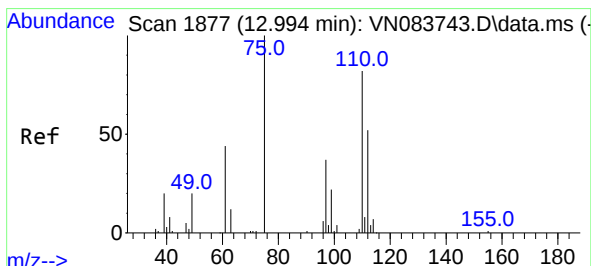
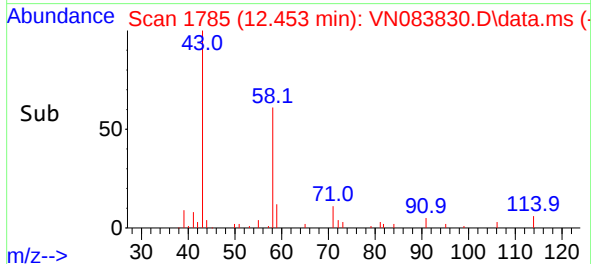
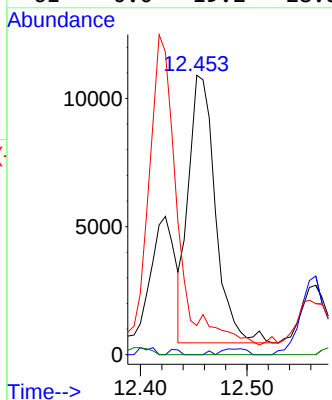
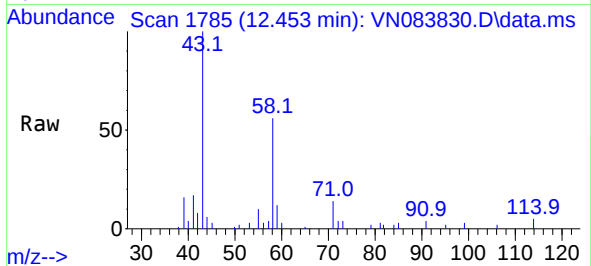




#74  
N-amy1 acetate  
Concen: 2.996 ug/l  
RT: 12.453 min Scan# 18316  
Delta R.T. -0.041 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

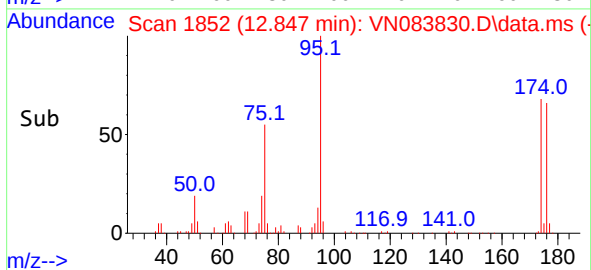
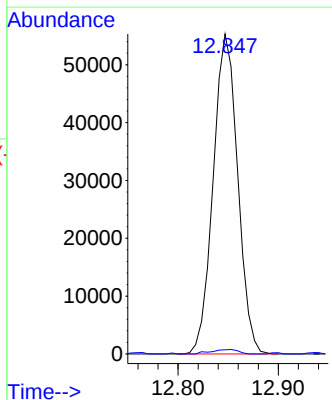
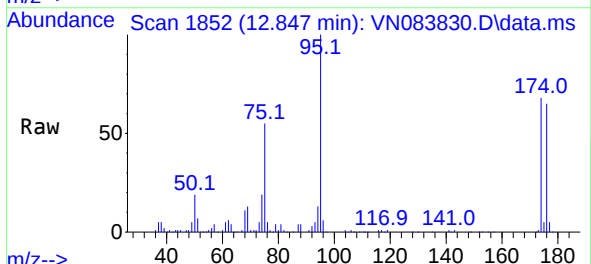
Instrument :  
MSVOA\_N  
ClientSampleId :

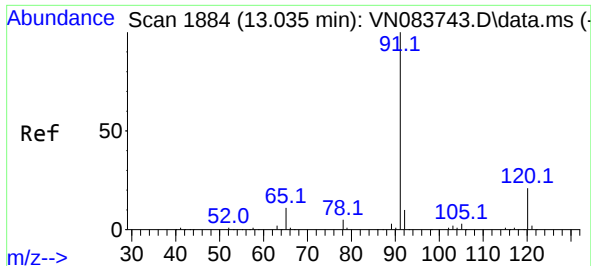
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18316 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 34.5  | 51.7# |
| 55       | 0.0   | 18.6  | 28.0# |
| 61       | 0.0   | 19.2  | 28.8# |



#76  
1,2,3-Trichloropropane  
Concen: 25.115 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.147 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 93847  |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 1.5   | 95.2  | 285.6# |

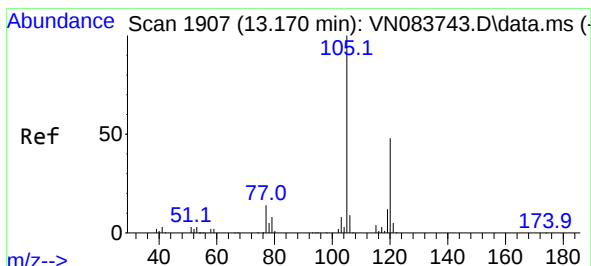
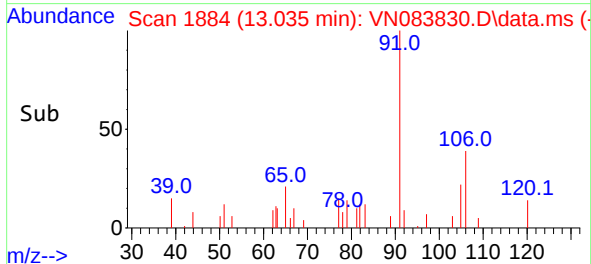
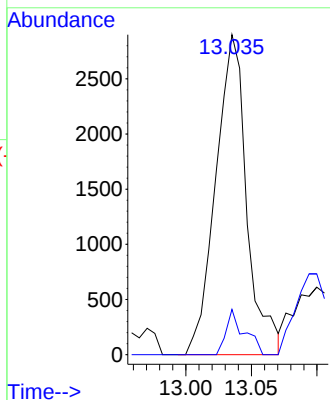
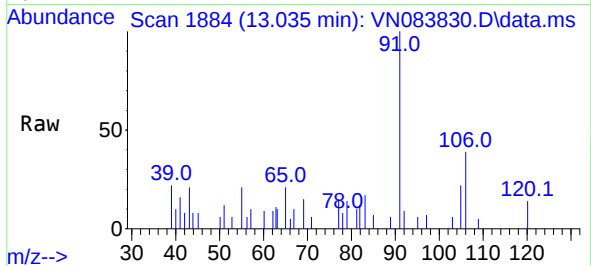




#78  
n-propylbenzene  
Concen: 0.287 ug/l  
RT: 13.035 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

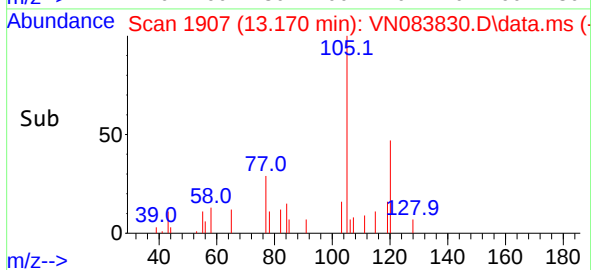
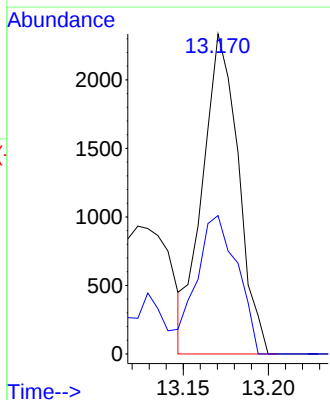
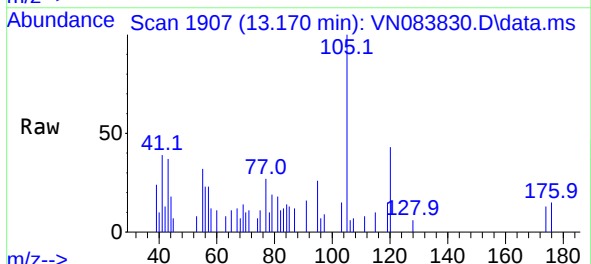
Instrument :  
MSVOA\_N  
ClientSampleId :

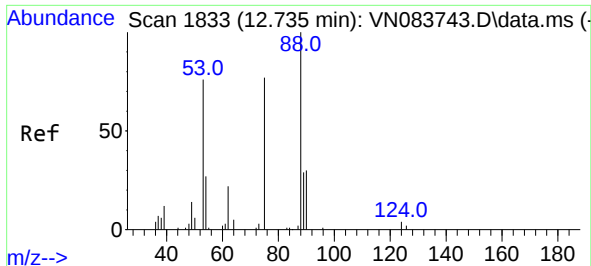
Tgt Ion: 91 Resp: 4783  
Ion Ratio Lower Upper  
91 100  
120 8.2 11.0 33.0#



#80  
1,3,5-Trimethylbenzene  
Concen: 0.283 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion: 105 Resp: 3419  
Ion Ratio Lower Upper  
105 100  
120 50.2 23.4 70.3

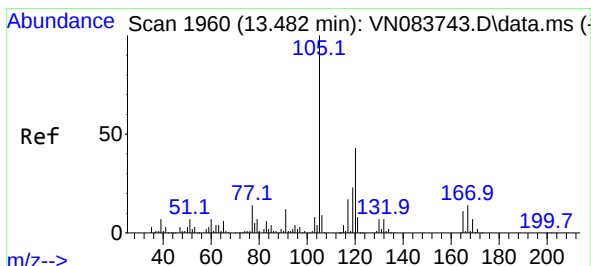
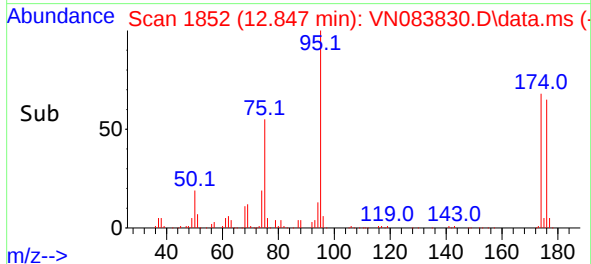
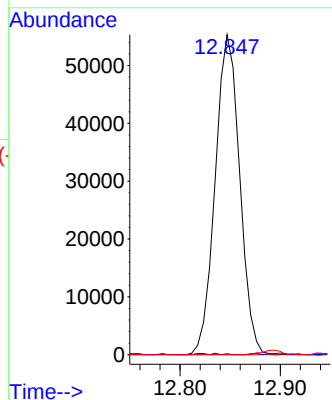
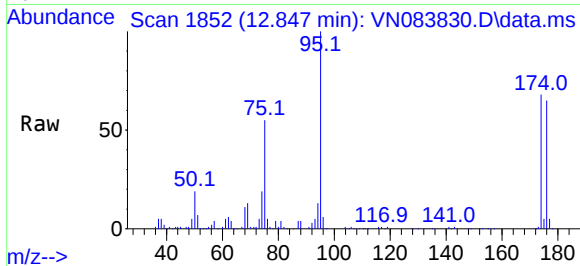




#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.777 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

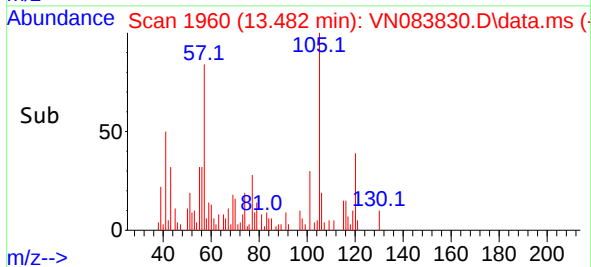
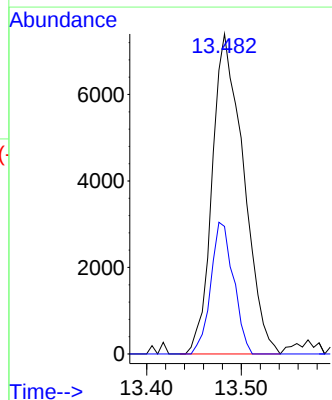
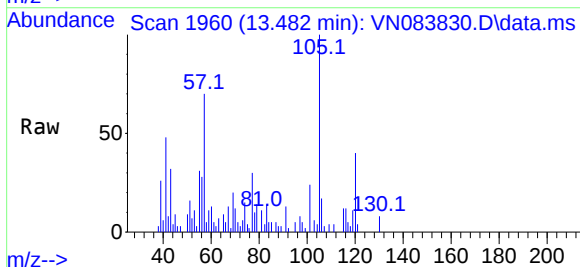
Instrument :  
MSVOA\_N  
ClientSampleId :

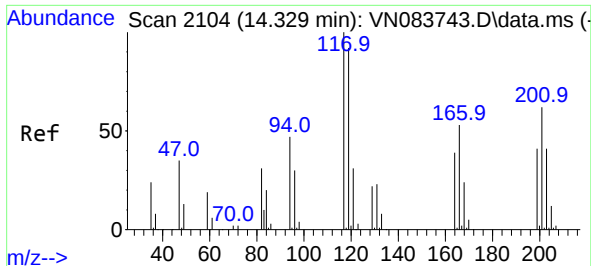
Tgt Ion: 75 Resp: 93847  
Ion Ratio Lower Upper  
75 100  
53 0.2 81.2 121.8#  
89 0.0 35.7 53.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 1.401 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Tgt Ion:105 Resp: 16997  
Ion Ratio Lower Upper  
105 100  
120 29.9 21.8 65.4

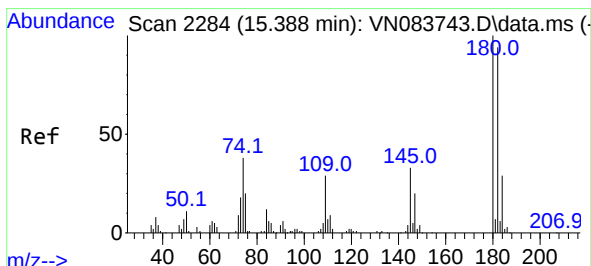
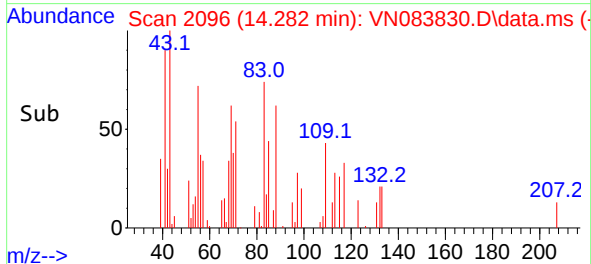
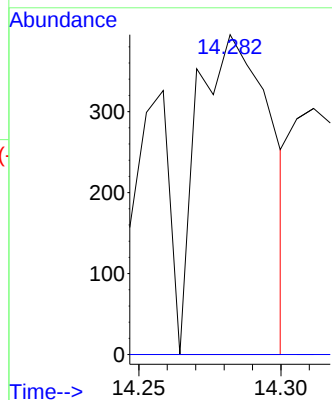
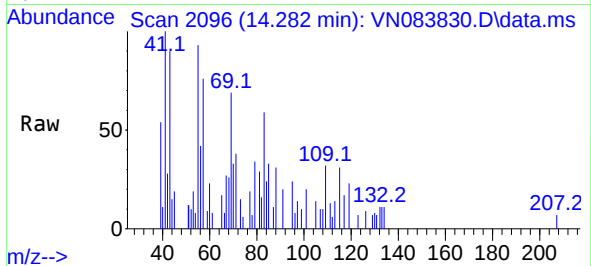




#90  
Hexachloroethane  
Concen: 0.300 ug/l  
RT: 14.282 min Scan# 2096  
Delta R.T. -0.047 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

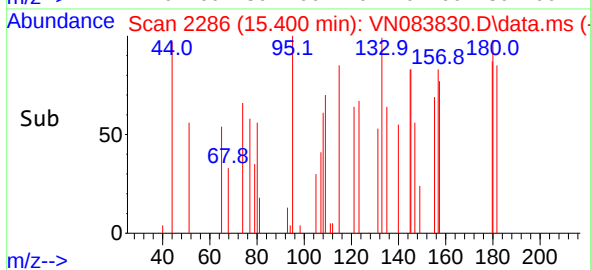
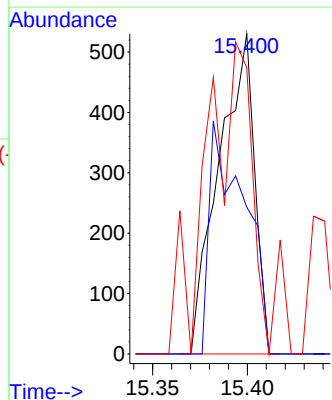
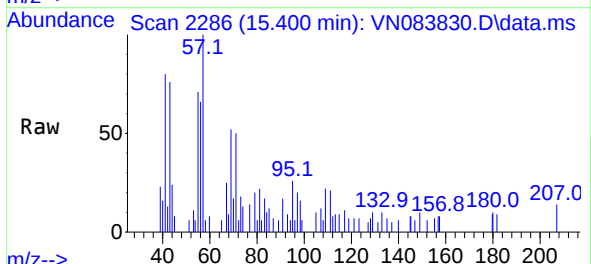
Instrument :  
MSVOA\_N  
ClientSampleId :

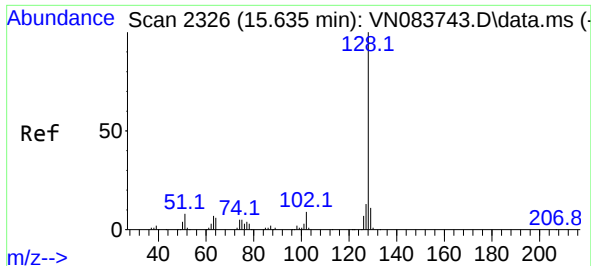
Tgt Ion:117 Resp: 708  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.8 98.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 0.205 ug/l  
RT: 15.400 min Scan# 2286  
Delta R.T. 0.012 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

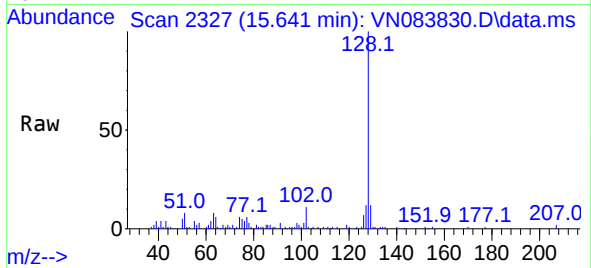
Tgt Ion:180 Resp: 690  
Ion Ratio Lower Upper  
180 100  
182 71.6 48.1 144.3  
145 122.5 16.9 50.7#





#95  
Naphthalene  
Concen: 7.260 ug/l  
RT: 15.641 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN083830.D  
Acq: 12 Sep 2024 14:41

Instrument :  
MSVOA\_N  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 74450 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.6  | 10.2  | 15.2  |
| 129      | 12.4  | 8.7   | 13.1  |

