

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050421\  
 Data File : VN066932.D  
 Acq On : 4 May 2021 12:41  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: May 04 13:26:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 04 13:11:03 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.592  | 168  | 511660   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.520  | 114  | 852852   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.350 | 117  | 724057   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.294 | 152  | 280783   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 7.957  | 65    | 387108   | 48.07    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 96.14% |
| 35) Dibromofluoromethane    | 7.514  | 113   | 278817   | 48.14    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 96.28% |
| 50) Toluene-d8              | 10.030 | 98    | 1083966  | 49.15    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 98.30% |
| 62) 4-Bromofluorobenzene    | 12.350 | 95    | 312473   | 41.84    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 83.68% |

|                               |        |     |        |       |        |     |
|-------------------------------|--------|-----|--------|-------|--------|-----|
| Target Compounds              |        |     |        |       | Qvalue |     |
| 2) Dichlorodifluoromethane    | 1.839  | 85  | 1669   | 0.24  | ug/l   | 96  |
| 3) Chloromethane              | 2.035  | 50  | 4323   | 0.44  | ug/l # | 75  |
| 5) Bromomethane               | 2.523  | 94  | 3999   | 0.79  | ug/l   | 90  |
| 12) 1,1-Dichloroethene        | 3.679  | 96  | 1226   | 0.22  | ug/l # | 75  |
| 13) Acrolein                  | 3.537  | 56  | 1322   | 1.40  | ug/l # | 53  |
| 15) Acrylonitrile             | 4.926  | 53  | 3000   | 0.89  | ug/l # | 23  |
| 16) Acetone                   | 3.757  | 43  | 3344   | 1.18  | ug/l # | 81  |
| 17) Carbon Disulfide          | 3.982  | 76  | 16667  | 0.96  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene  | 4.956  | 96  | 1551   | 0.25  | ug/l # | 58  |
| 29) Tetrahydrofuran           | 7.134  | 42  | 1405   | 0.51  | ug/l # | 50  |
| 31) Cyclohexane               | 7.584  | 56  | 6601   | 0.58  | ug/l # | 1   |
| 36) 1,1-Dichloropropene       | 7.724  | 75  | 3026   | 0.34  | ug/l # | 63  |
| 38) Carbon Tetrachloride      | 7.592  | 117 | 53139  | 5.74  | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.014  | 83  | 2110   | 0.21  | ug/l # | 84  |
| 44) Trichloroethene           | 8.770  | 130 | 2139   | 0.35  | ug/l   | 85  |
| 49) 1,4-Dioxane               | 9.129  | 88  | 230    | 2.23  | ug/l # | 82  |
| 51) 4-Methyl-2-Pentanone      | 9.928  | 43  | 14373  | 1.69  | ug/l   | 96  |
| 52) Toluene                   | 10.100 | 92  | 3713   | 0.23  | ug/l   | 83  |
| 55) 1,1,2-Trichloroethane     | 10.502 | 97  | 1493   | 0.23  | ug/l # | 82  |
| 56) Ethyl methacrylate        | 10.387 | 69  | 772    | 5.26  | ug/l # | 50  |
| 58) 2-Chloroethyl Vinyl ether | 9.660  | 63  | 483    | 0.31  | ug/l # | 47  |
| 59) 2-Hexanone                | 10.915 | 43  | 164    | 28.39 | ug/l   | 97  |
| 64) Tetrachloroethene         | 10.572 | 164 | 2253   | 0.46  | ug/l   | 96  |
| 65) Chlorobenzene             | 11.379 | 112 | 6504   | 0.42  | ug/l # | 85  |
| 67) Ethyl Benzene             | 11.465 | 91  | 8609   | 0.32  | ug/l   | 95  |
| 68) m/p-Xylenes               | 11.583 | 106 | 4390   | 0.43  | ug/l   | 87  |
| 70) Styrene                   | 12.138 | 104 | 187    | 4.72  | ug/l   | 90  |
| 71) Bromoform                 | 12.093 | 173 | 1565   | 0.36  | ug/l # | 78  |
| 73) Isopropylbenzene          | 12.197 | 105 | 8859   | 0.41  | ug/l   | 97  |
| 75) 1,1,2,2-Tetrachloroethane | 12.460 | 83  | 5947   | 0.78  | ug/l # | 78  |
| 76) 1,2,3-Trichloropropane    | 12.350 | 75  | 158110 | 23.64 | ug/l # | 100 |
| 77) Bromobenzene              | 12.473 | 156 | 3950   | 0.77  | ug/l   | 78  |
| 78) n-propylbenzene           | 12.554 | 91  | 9201   | 0.37  | ug/l   | 89  |
| 79) 2-Chlorotoluene           | 12.626 | 91  | 5587   | 0.35  | ug/l   | 93  |
| 80) 1,3,5-Trimethylbenzene    | 12.693 | 105 | 10562  | 0.56  | ug/l   | 98  |
| 81) trans-1,4-Dichloro-2-b... | 12.350 | 75  | 158110 | 71.43 | ug/l # | 12  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050421\  
 Data File : VN066932.D  
 Acq On : 4 May 2021 12:41  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

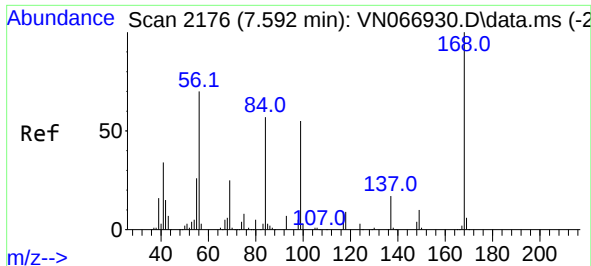
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 IBLK

Quant Time: May 04 13:26:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N050421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 04 13:11:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 82) 4-Chlorotoluene           | 12.758 | 91   | 8941     | 0.57  | ug/l   | 77       |
| 83) tert-Butylbenzene         | 12.943 | 119  | 8057     | 0.51  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 12.996 | 105  | 14742    | 0.81  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.125 | 105  | 14179    | 0.68  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.243 | 119  | 18005    | 1.01  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene       | 13.238 | 146  | 8903     | 1.00  | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.318 | 146  | 13592    | 1.52  | ug/l   | 81       |
| 89) n-Butylbenzene            | 13.589 | 91   | 12562    | 5.95  | ug/l   | 95       |
| 90) Hexachloroethane          | 13.814 | 117  | 2039     | 0.51  | ug/l   | 78       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.243 | 75   | 2870     | 2.12  | ug/l # | 61       |
| 93) 1,2,4-Trichlorobenzene    | 14.863 | 180  | 37294    | 7.91  | ug/l   | 86       |
| 94) Hexachlorobutadiene       | 14.949 | 225  | 5378     | 1.86  | ug/l   | 97       |
| 95) Naphthalene               | 15.078 | 128  | 198298   | 16.08 | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.255 | 180  | 47023    | 10.28 | ug/l   | 98       |
| -----                         |        |      |          |       |        |          |

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

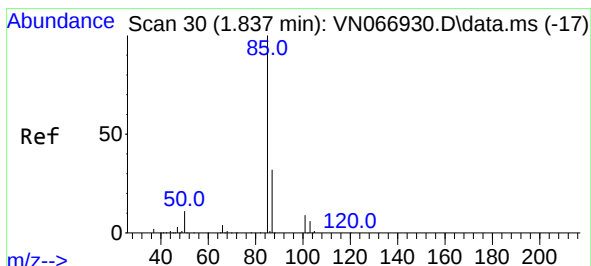
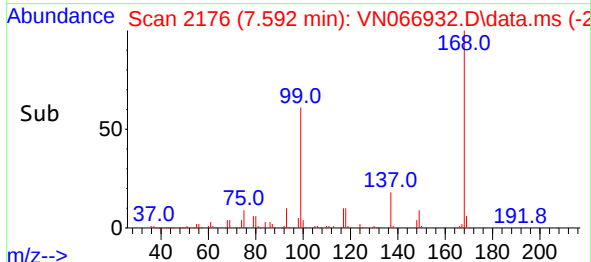
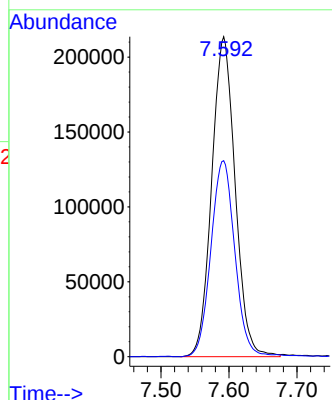
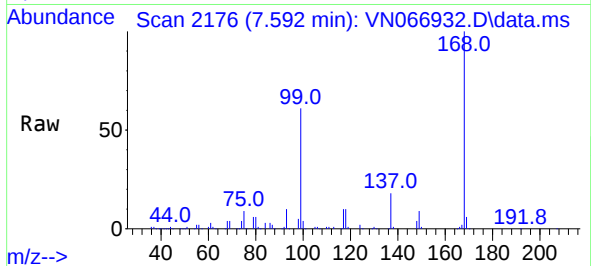




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.592 min Scan# 2176  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

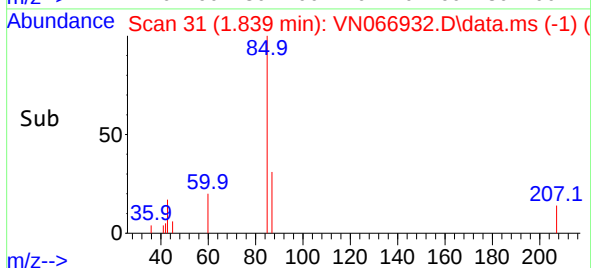
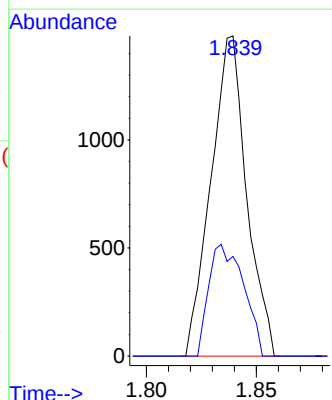
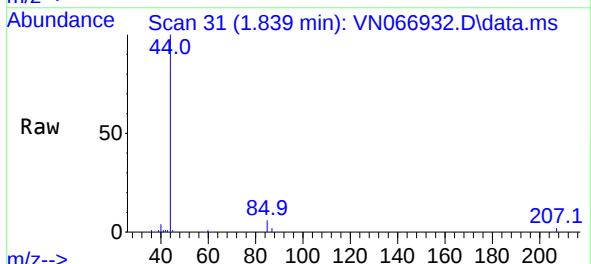
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

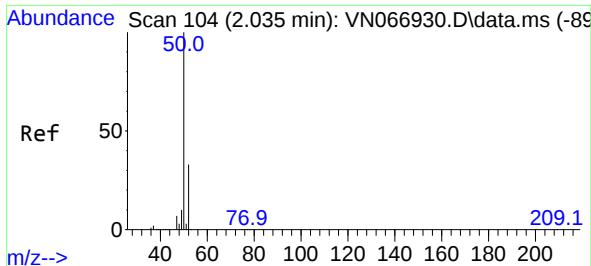
Tgt Ion:168 Resp: 511660  
Ion Ratio Lower Upper  
168 100  
99 61.3 42.6 63.8



#2  
Dichlorodifluoromethane  
Concen: 0.24 ug/l  
RT: 1.839 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 85 Resp: 1669  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.6 49.8

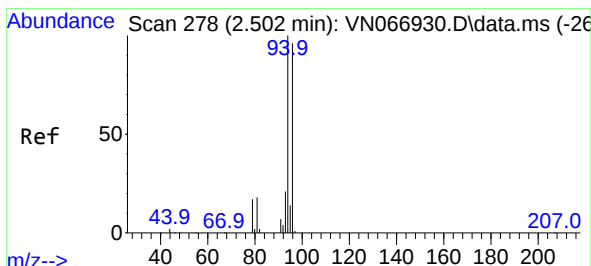
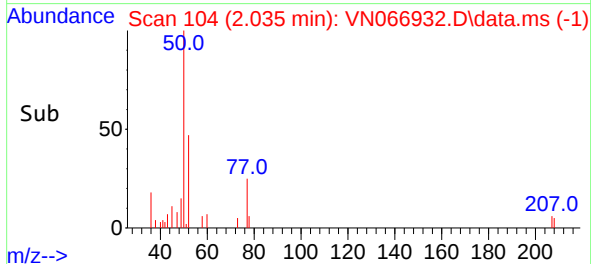
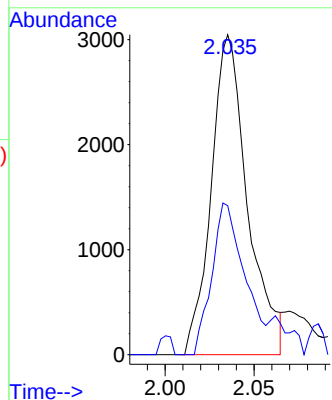
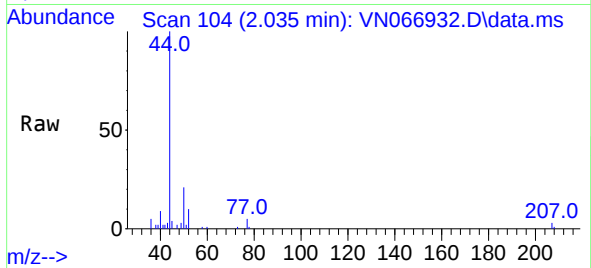




#3  
Chloromethane  
Concen: 0.44 ug/l  
RT: 2.035 min Scan# 104  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

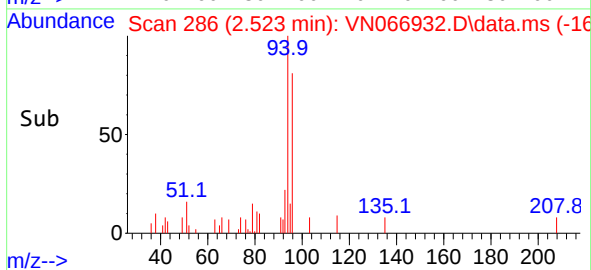
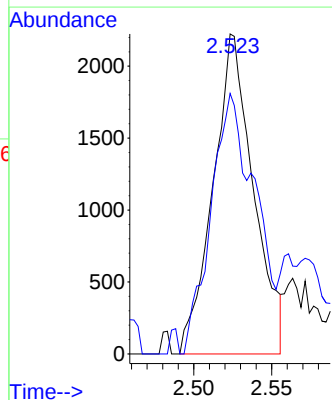
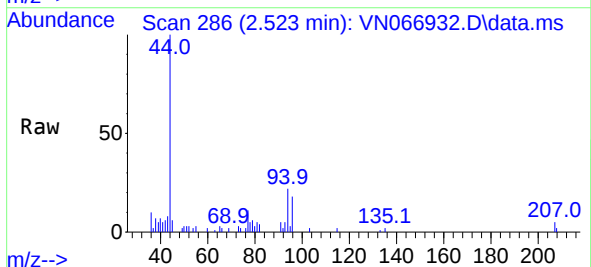
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

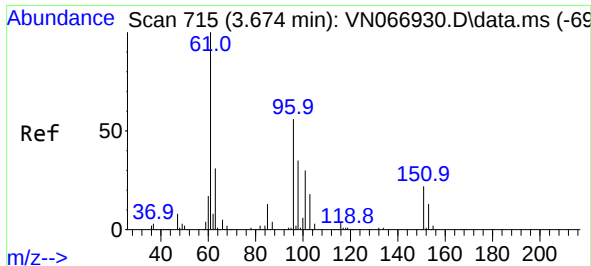
Tgt Ion: 50 Resp: 4323  
Ion Ratio Lower Upper  
50 100  
52 46.6 25.8 38.8#



#5  
Bromomethane  
Concen: 0.79 ug/l  
RT: 2.523 min Scan# 286  
Delta R.T. 0.021 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 94 Resp: 3999  
Ion Ratio Lower Upper  
94 100  
96 81.4 73.0 109.4

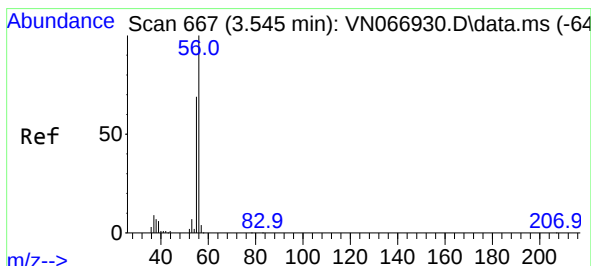
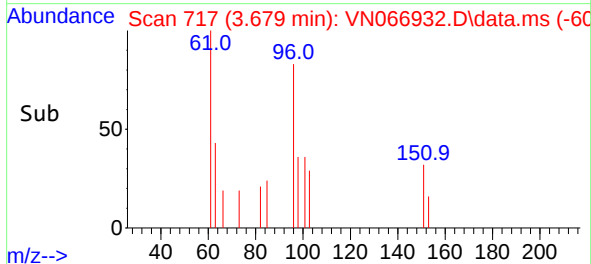
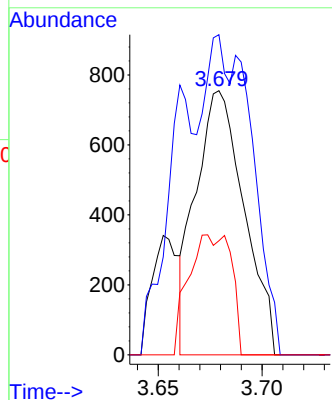
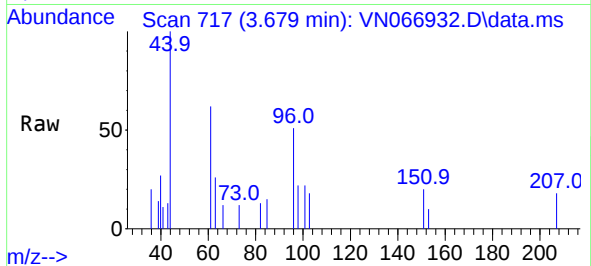




#12  
1,1-Dichloroethene  
Concen: 0.22 ug/l  
RT: 3.679 min Scan# 717  
Delta R.T. 0.005 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

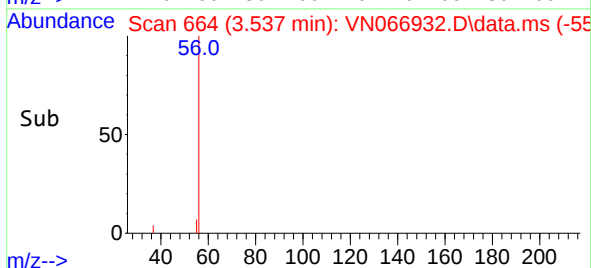
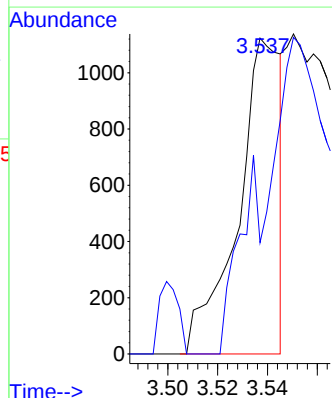
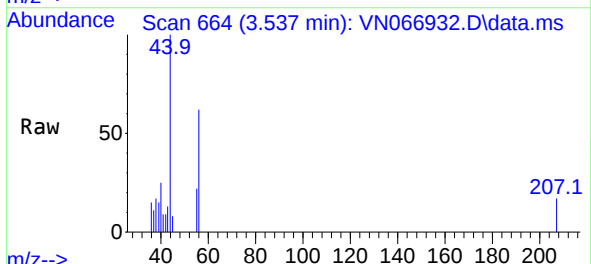
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

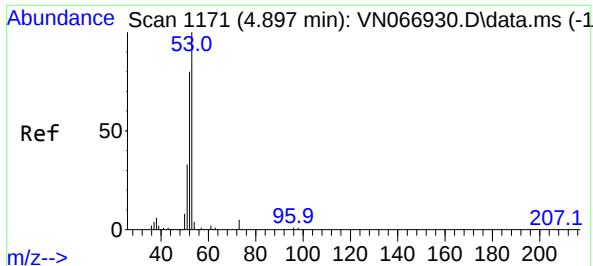
Tgt Ion: 96 Resp: 1226  
Ion Ratio Lower Upper  
96 100  
61 121.2 122.5 183.7#  
98 43.2 50.8 76.2#



#13  
Acrolein  
Concen: 1.40 ug/l  
RT: 3.537 min Scan# 664  
Delta R.T. -0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 56 Resp: 1322  
Ion Ratio Lower Upper  
56 100  
55 31.1 56.0 84.0#

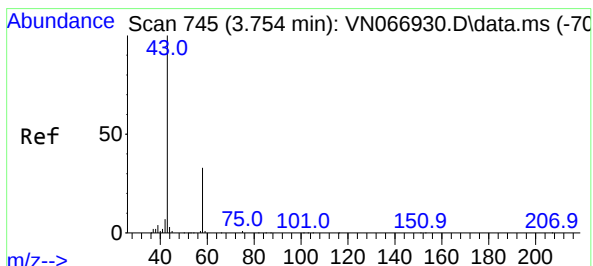
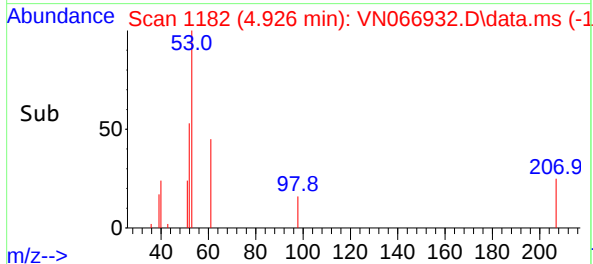
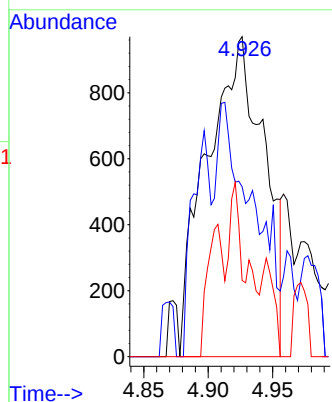
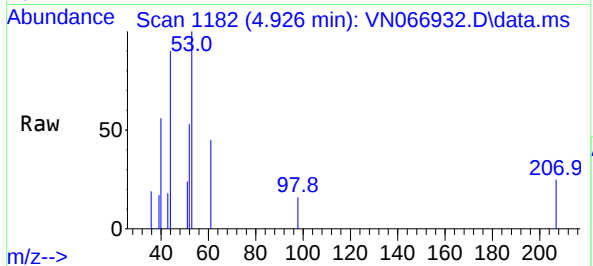




#15  
Acrylonitrile  
Concen: 0.89 ug/l  
RT: 4.926 min Scan# 1182  
Delta R.T. 0.029 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

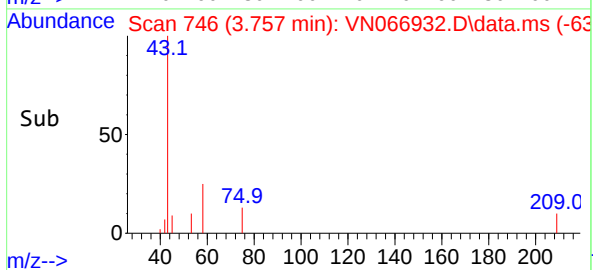
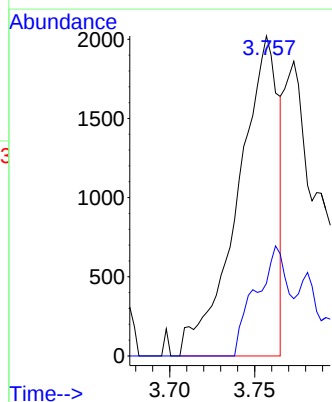
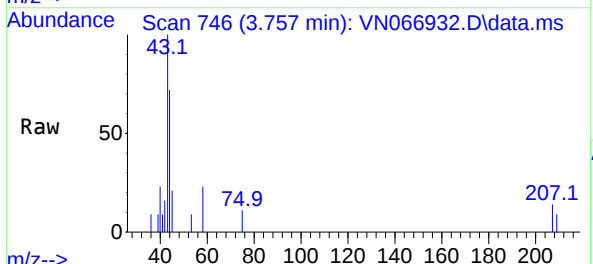
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

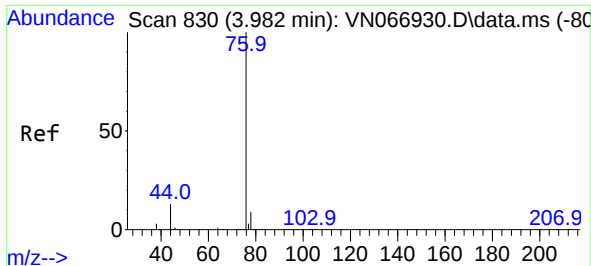
Tgt Ion: 53 Resp: 3000  
Ion Ratio Lower Upper  
53 100  
52 0.0 66.1 99.1#  
51 11.6 27.9 41.9#



#16  
Acetone  
Concen: 1.18 ug/l  
RT: 3.757 min Scan# 746  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 43 Resp: 3344  
Ion Ratio Lower Upper  
43 100  
58 22.7 27.0 40.6#

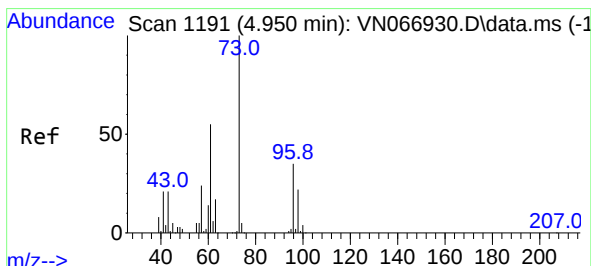
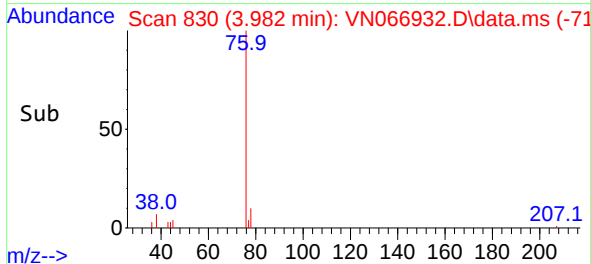
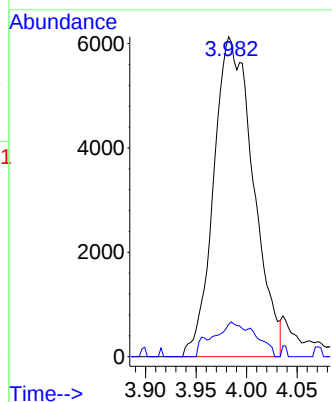
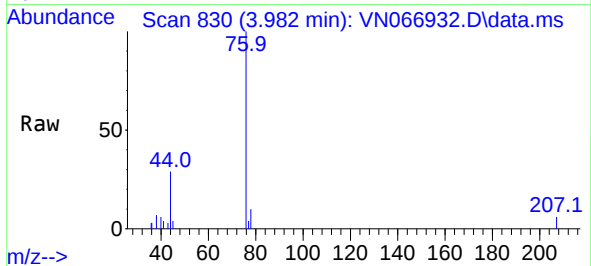




#17  
Carbon Disulfide  
Concen: 0.96 ug/l  
RT: 3.982 min Scan# 830  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

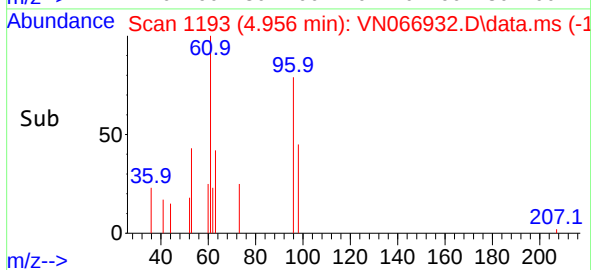
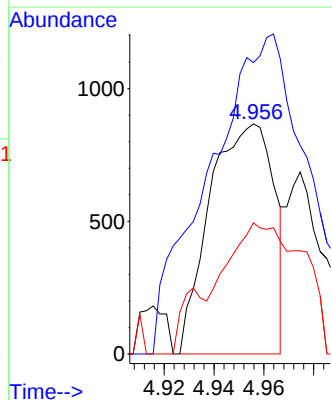
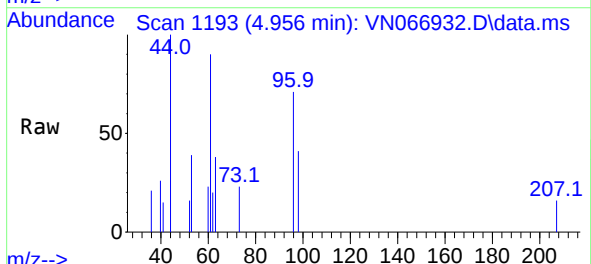
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

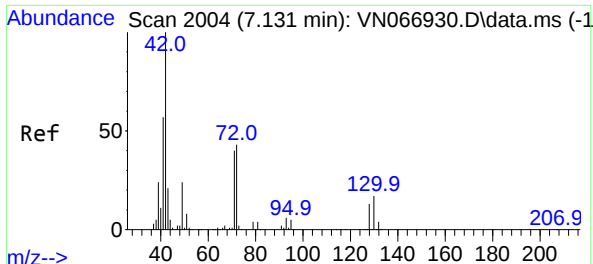
Tgt Ion: 76 Resp: 16667  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.8 11.6



#21  
trans-1,2-Dichloroethene  
Concen: 0.25 ug/l  
RT: 4.956 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 96 Resp: 1551  
Ion Ratio Lower Upper  
96 100  
61 76.2 104.9 157.3#  
98 38.8 51.8 77.8#

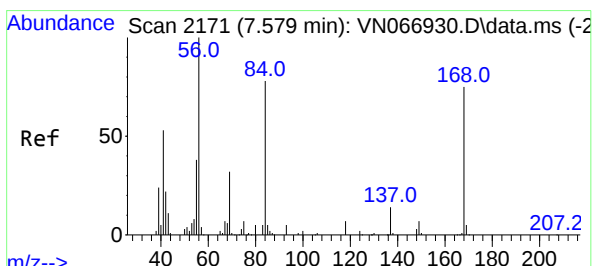
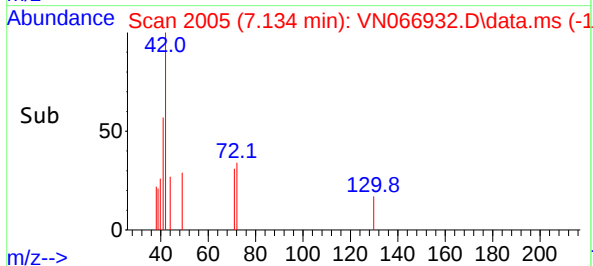
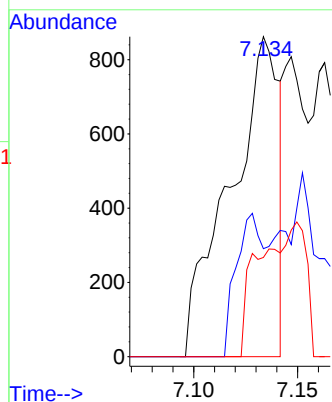
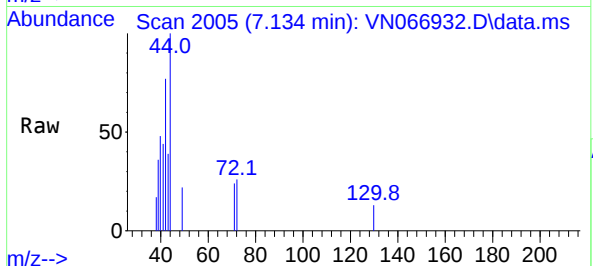




#29  
Tetrahydrofuran  
Concen: 0.51 ug/l  
RT: 7.134 min Scan# 2005  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

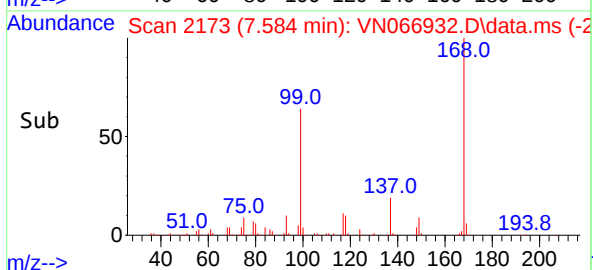
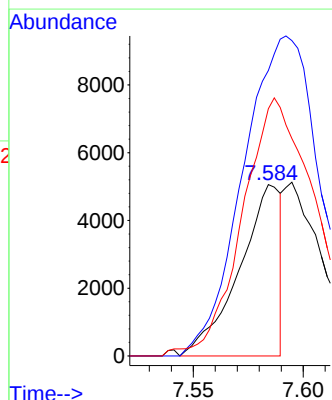
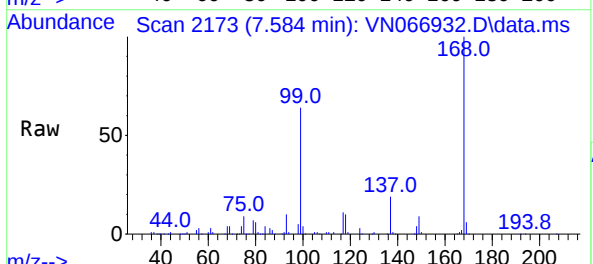
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

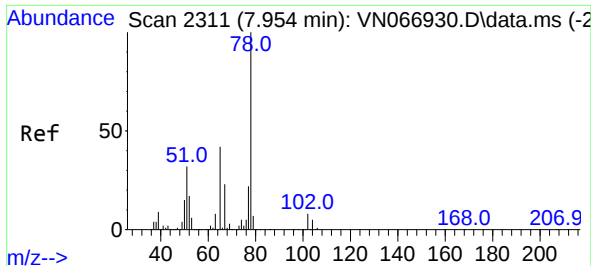
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 1405  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 23.9  | 36.6  | 55.0# |
| 71       | 0.0   | 34.3  | 51.5# |



#31  
Cyclohexane  
Concen: 0.58 ug/l  
RT: 7.584 min Scan# 2173  
Delta R.T. 0.005 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 6601   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 166.5 | 26.6  | 39.8#  |
| 84       | 140.2 | 70.4  | 105.6# |

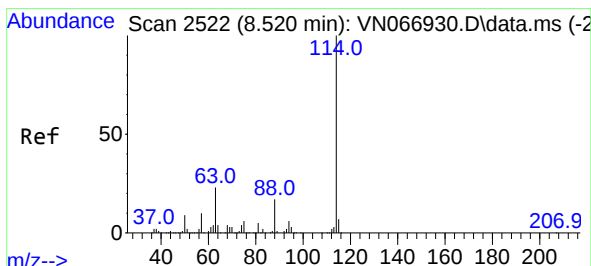
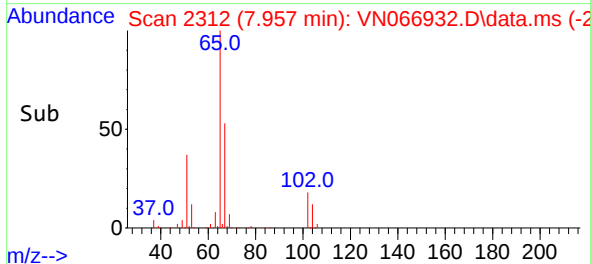
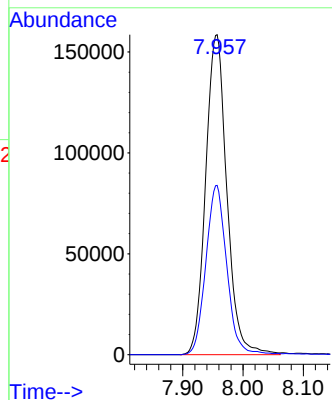
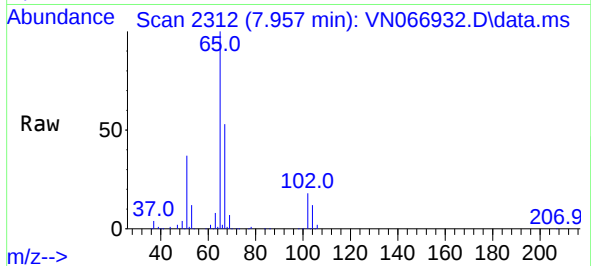




#33  
1,2-Dichloroethane-d4  
Concen: 48.07 ug/l  
RT: 7.957 min Scan# 2312  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

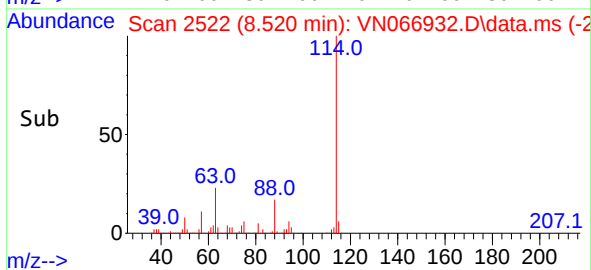
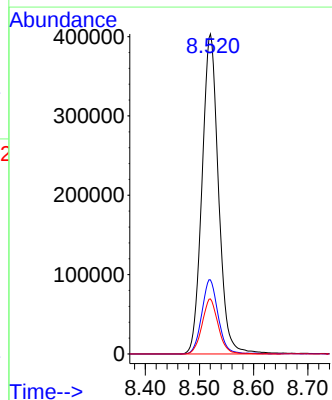
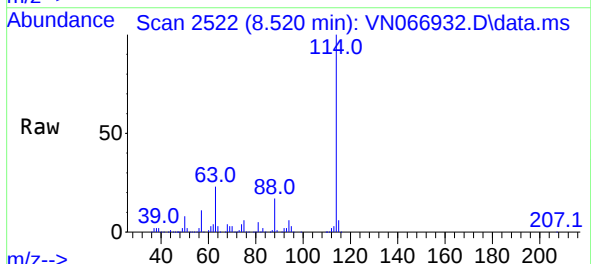
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

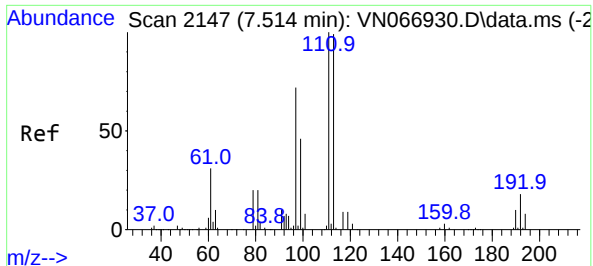
Tgt Ion: 65 Resp: 387108  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.520 min Scan# 2522  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 114 Resp: 852852  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 38.6  
88 17.2 0.0 30.6

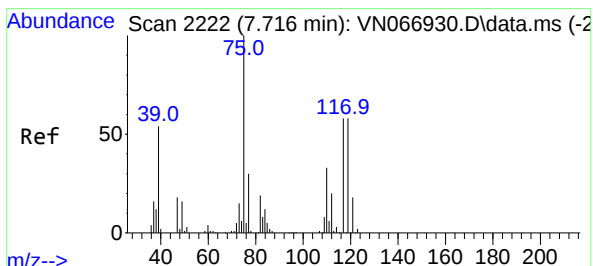
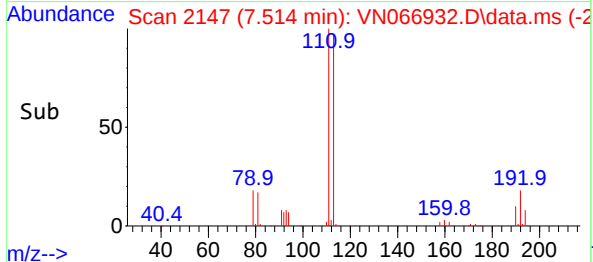
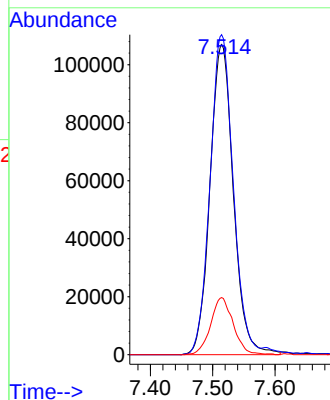
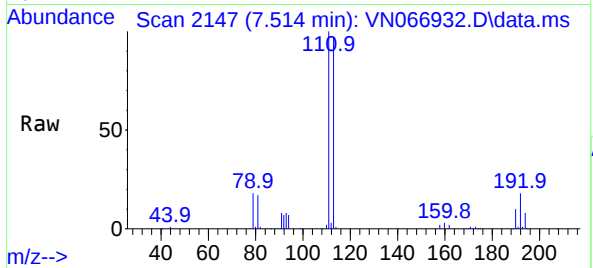




#35  
Dibromofluoromethane  
Concen: 48.14 ug/l  
RT: 7.514 min Scan# 2147  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

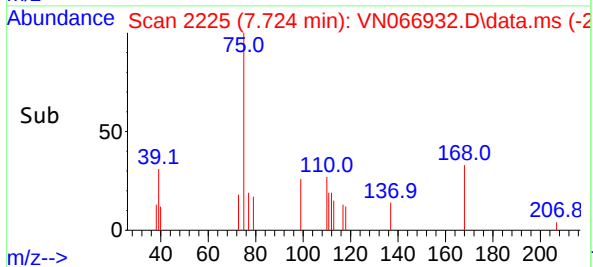
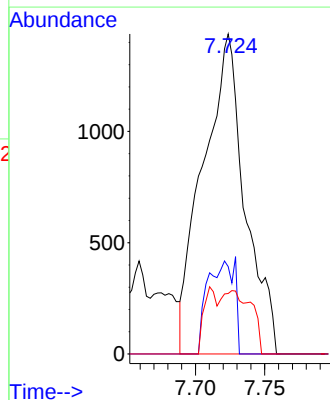
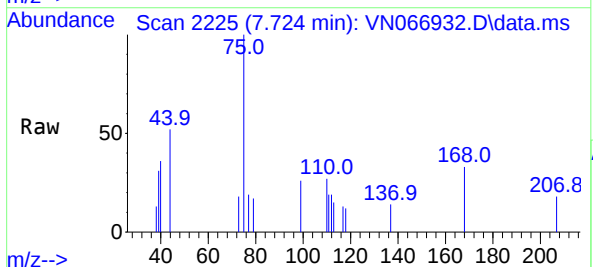
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

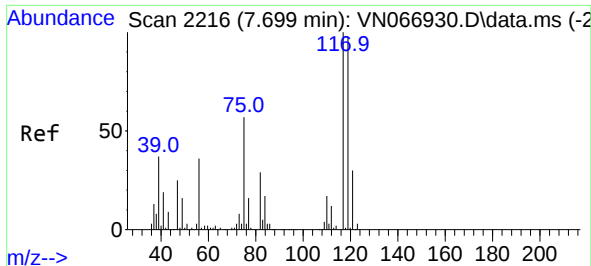
Tgt Ion:113 Resp: 278817  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.2 123.2  
192 17.8 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 0.34 ug/l  
RT: 7.724 min Scan# 2225  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 75 Resp: 3026  
Ion Ratio Lower Upper  
75 100  
110 18.8 18.2 54.6  
77 6.4 24.9 37.3#

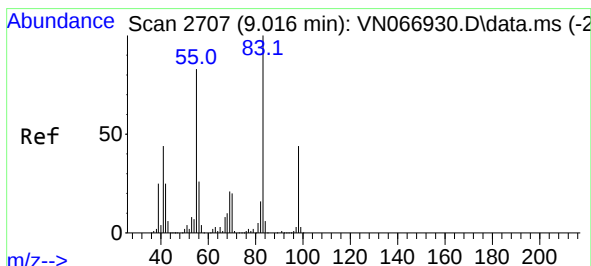
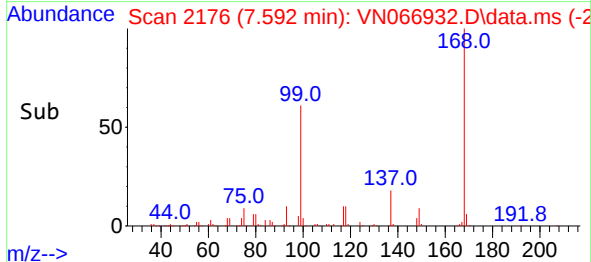
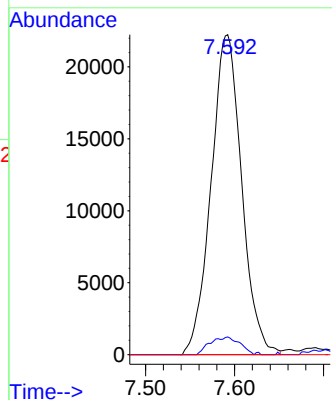
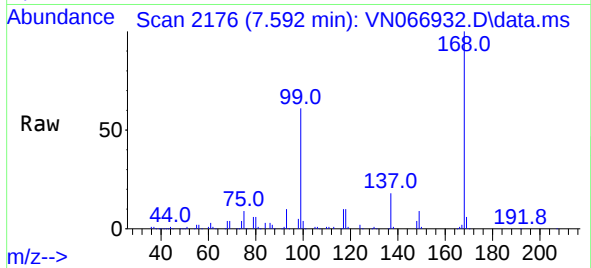




#38  
Carbon Tetrachloride  
Concen: 5.74 ug/l  
RT: 7.592 min Scan# 2176  
Delta R.T. -0.107 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

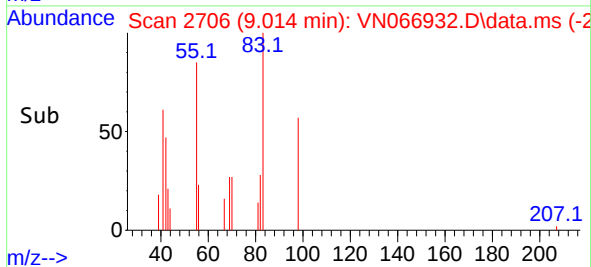
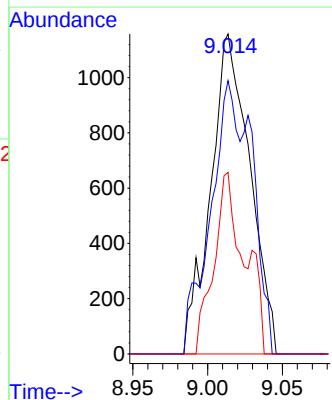
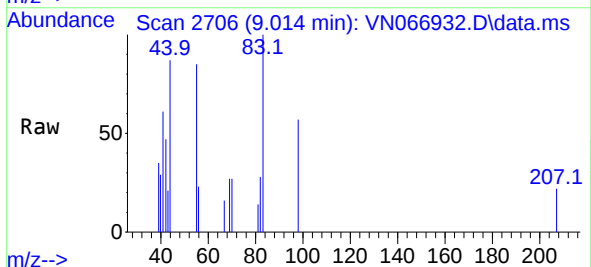
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

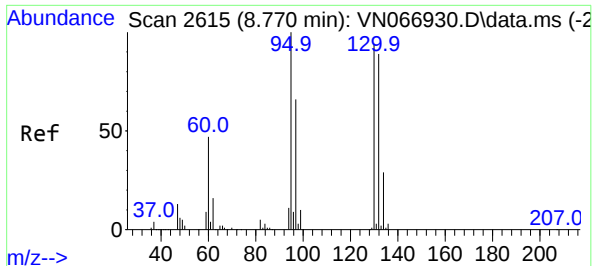
Tgt Ion:117 Resp: 53139  
Ion Ratio Lower Upper  
117 100  
119 5.6 76.0 114.0#  
121 0.0 24.5 36.7#



#39  
Methylcyclohexane  
Concen: 0.21 ug/l  
RT: 9.014 min Scan# 2706  
Delta R.T. -0.002 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 83 Resp: 2110  
Ion Ratio Lower Upper  
83 100  
55 85.4 58.9 88.3  
98 56.7 35.9 53.9#

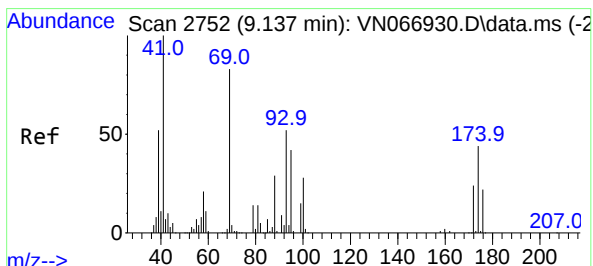
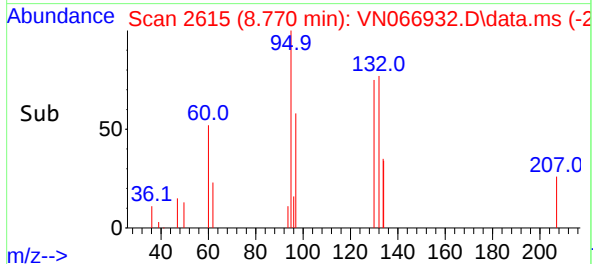
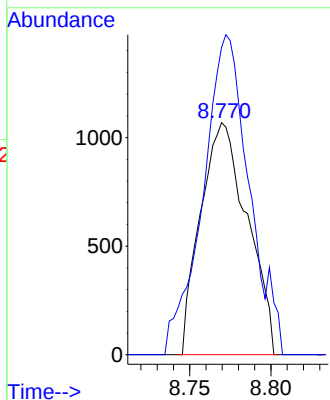
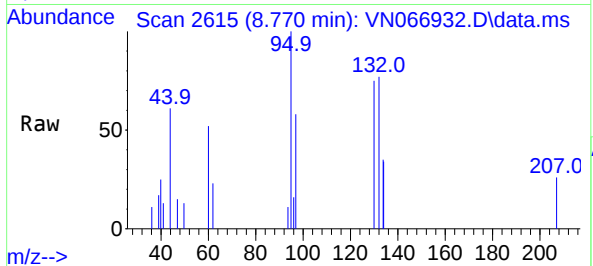




#44  
Trichloroethene  
Concen: 0.35 ug/l  
RT: 8.770 min Scan# 2615  
Delta R.T. -0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

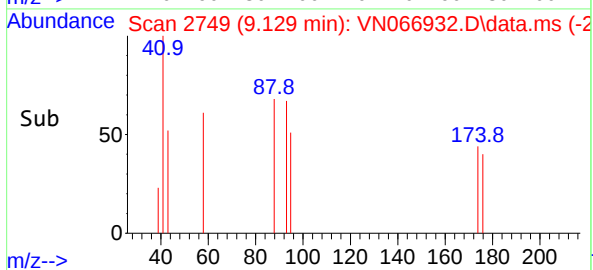
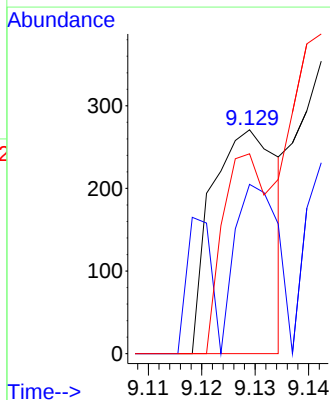
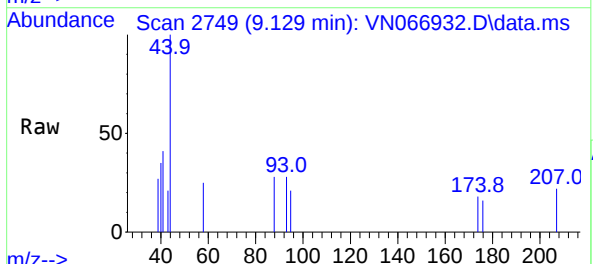
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

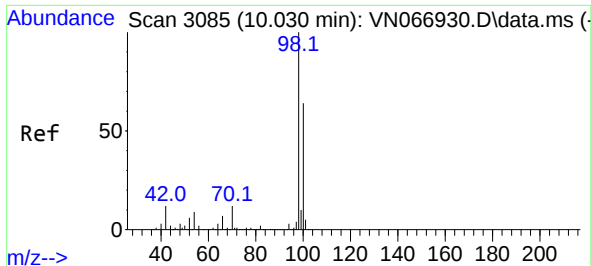
Tgt Ion:130 Resp: 2139  
Ion Ratio Lower Upper  
130 100  
95 114.3 0.0 199.6



#49  
1,4-Dioxane  
Concen: 2.23 ug/l  
RT: 9.129 min Scan# 2749  
Delta R.T. -0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 88 Resp: 230  
Ion Ratio Lower Upper  
88 100  
43 49.6 24.7 37.1#  
58 57.8 52.6 78.8

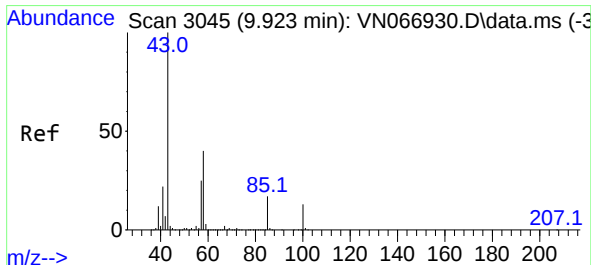
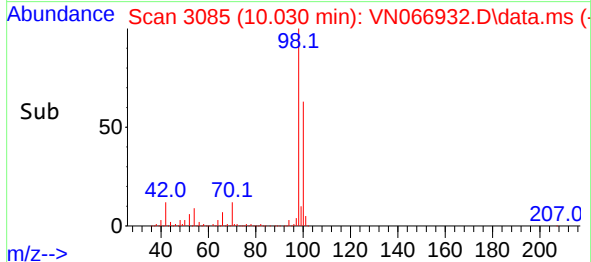
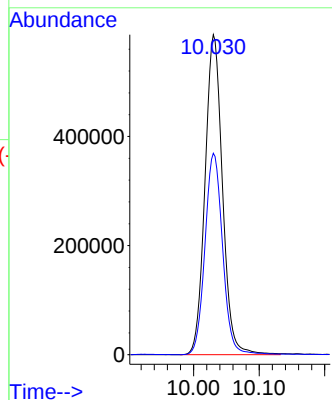
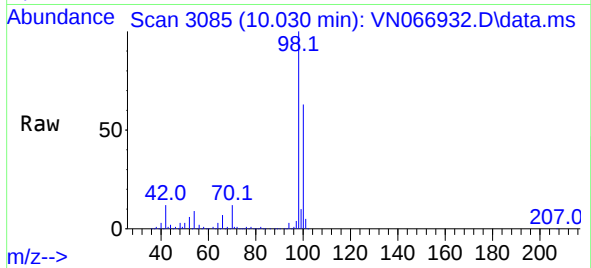




#50  
Toluene-d8  
Concen: 49.15 ug/l  
RT: 10.030 min Scan# 3085  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

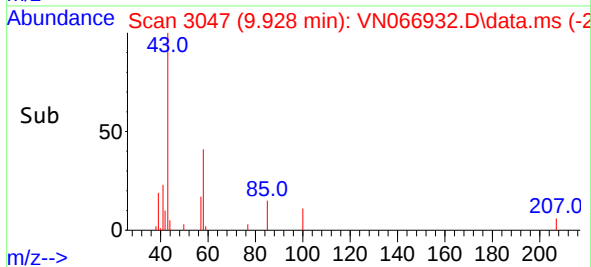
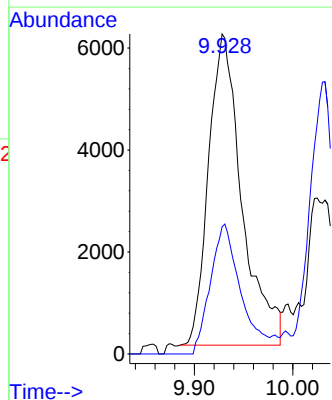
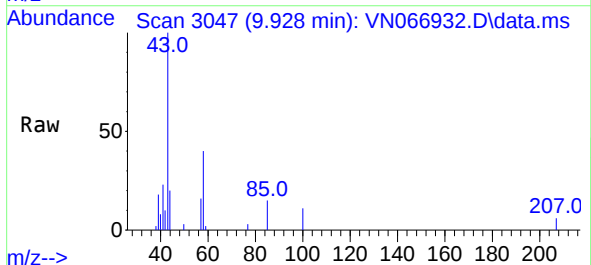
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

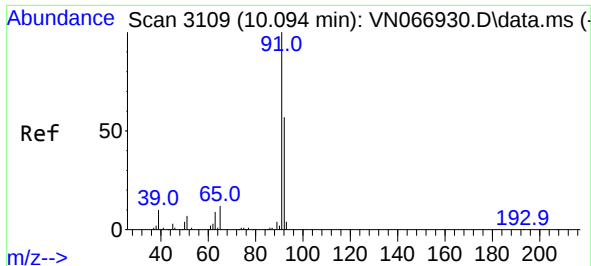
Tgt Ion: 98 Resp: 1083966  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.5 75.7



#51  
4-Methyl-2-Pentanone  
Concen: 1.69 ug/l  
RT: 9.928 min Scan# 3047  
Delta R.T. 0.005 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 43 Resp: 14373  
Ion Ratio Lower Upper  
43 100  
58 37.9 32.5 48.7

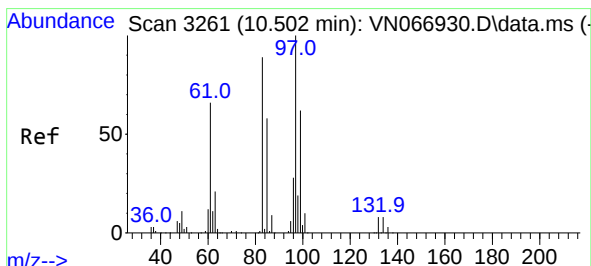
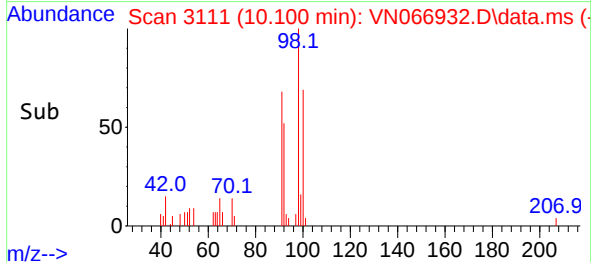
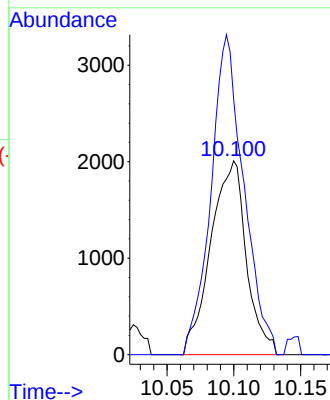
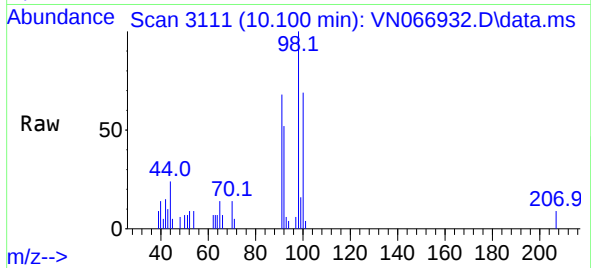




#52  
Toluene  
Concen: 0.23 ug/l  
RT: 10.100 min Scan# 3111  
Delta R.T. 0.006 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

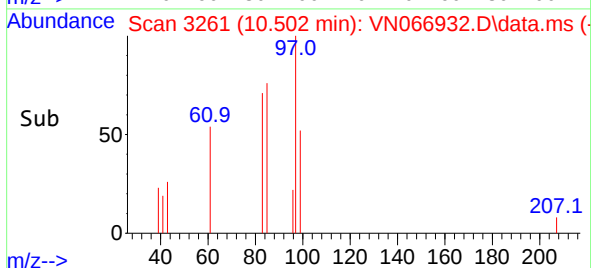
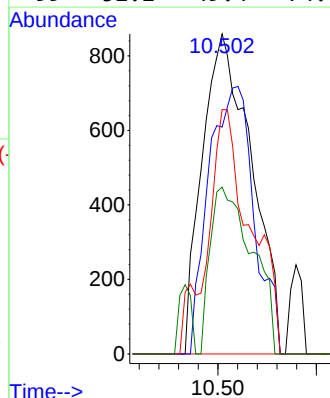
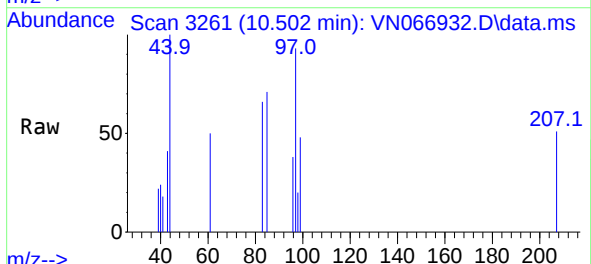
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

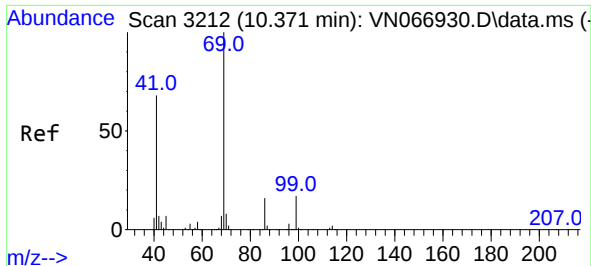
Tgt Ion: 92 Resp: 3713  
Ion Ratio Lower Upper  
92 100  
91 152.6 140.7 211.1



#55  
1,1,2-Trichloroethane  
Concen: 0.23 ug/l  
RT: 10.502 min Scan# 3261  
Delta R.T. 0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 97 Resp: 1493  
Ion Ratio Lower Upper  
97 100  
83 70.9 67.7 101.5  
85 76.4 44.5 66.7#  
99 52.2 49.4 74.0

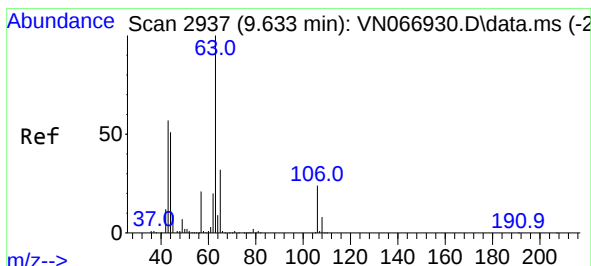
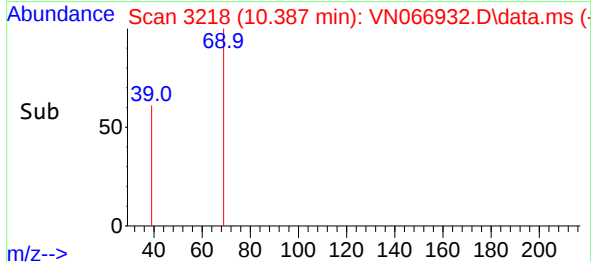
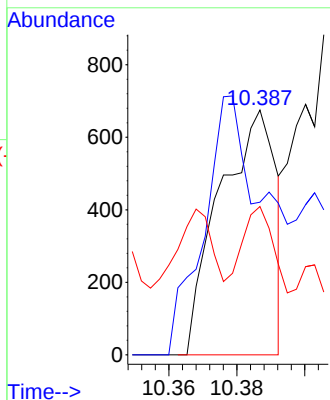
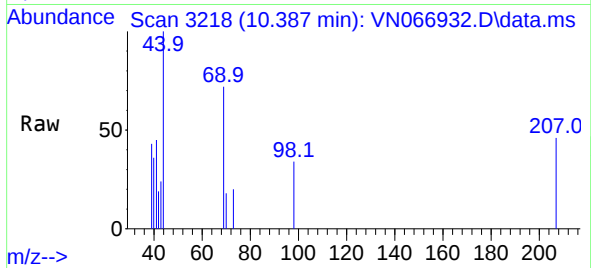




#56  
Ethyl methacrylate  
Concen: 5.26 ug/l  
RT: 10.387 min Scan# 3218  
Delta R.T. 0.016 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

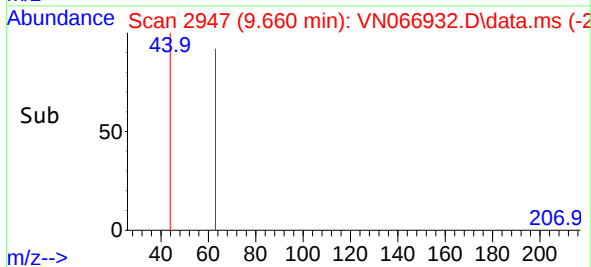
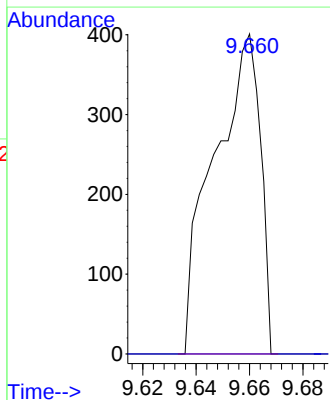
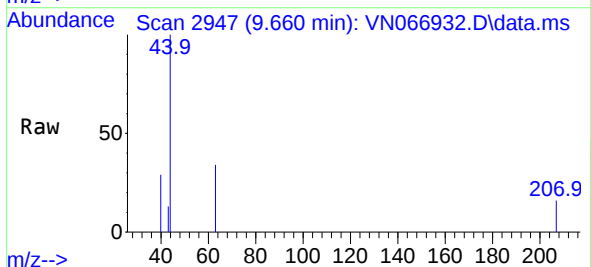
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

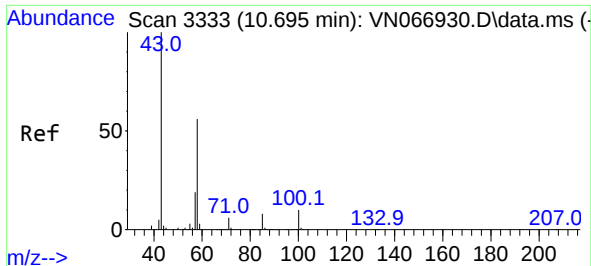
Tgt Ion: 69 Resp: 772  
Ion Ratio Lower Upper  
69 100  
41 115.3 49.6 74.4#  
39 43.7 28.0 42.0#



#58  
2-Chloroethyl Vinyl ether  
Concen: 0.31 ug/l  
RT: 9.660 min Scan# 2947  
Delta R.T. 0.027 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 63 Resp: 483  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.6 33.8#

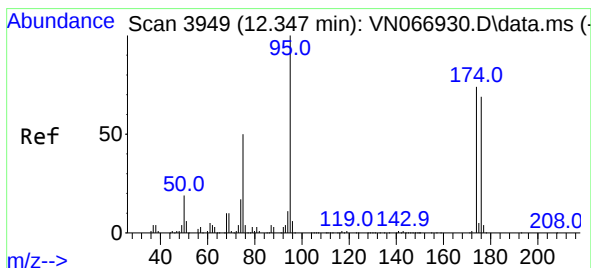
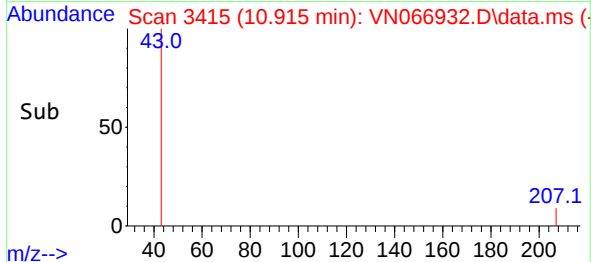
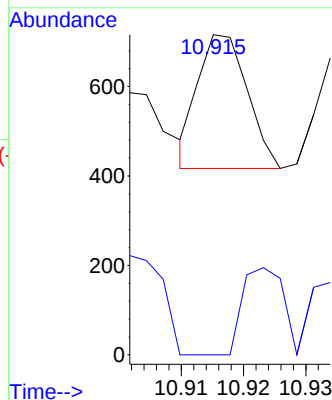
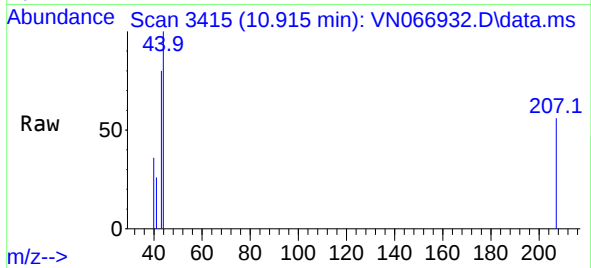




#59  
2-Hexanone  
Concen: 28.39 ug/l  
RT: 10.915 min Scan# 3415  
Delta R.T. 0.220 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

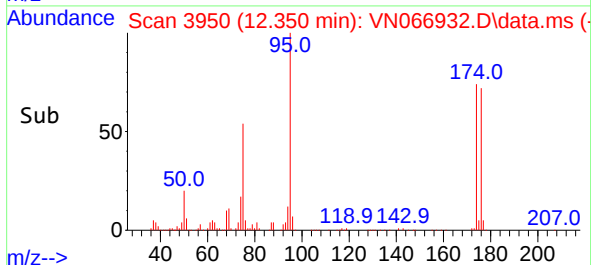
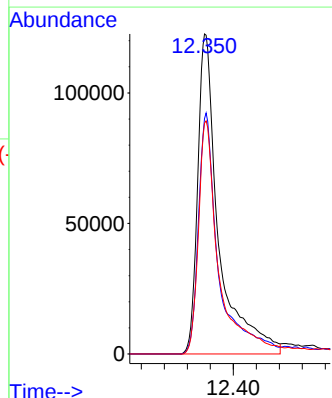
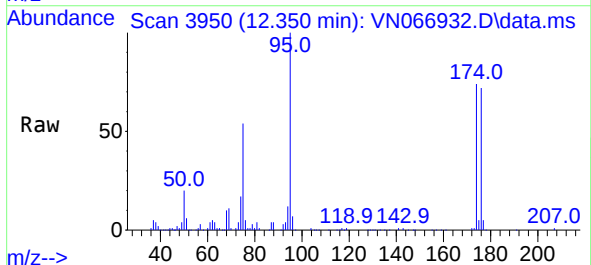
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

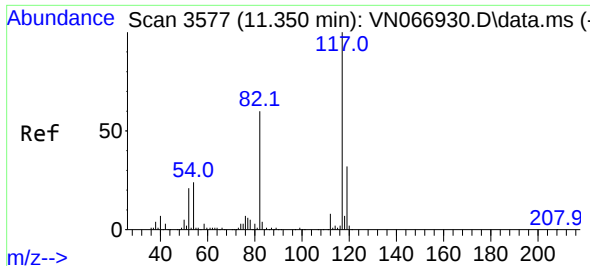
Tgt Ion: 43 Resp: 164  
Ion Ratio Lower Upper  
43 100  
58 53.7 28.1 84.3



#62  
4-Bromofluorobenzene  
Concen: 41.84 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 95 Resp: 312473  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 169.0  
176 71.0 0.0 162.4



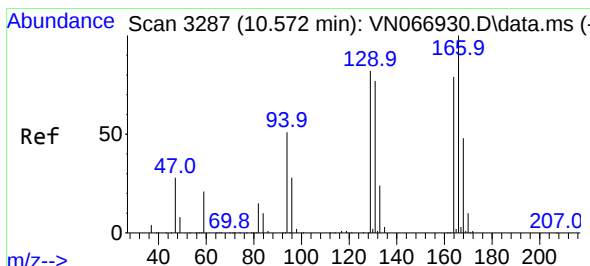
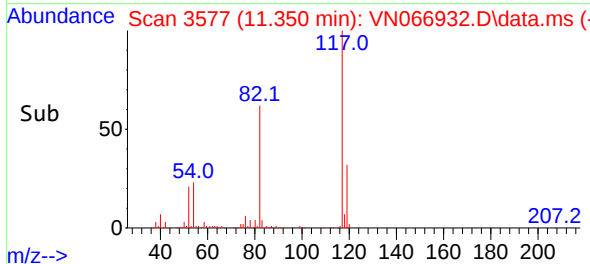
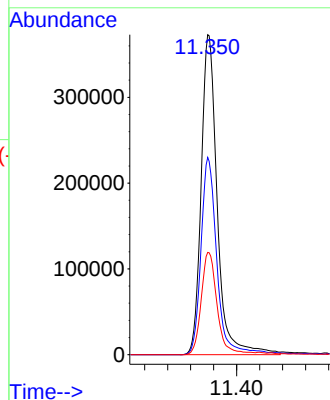
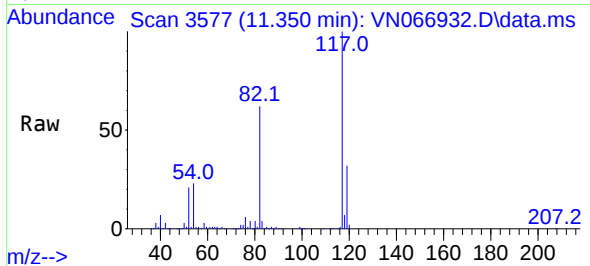


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.350 min Scan# 3577  
Delta R.T. -0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

Tgt Ion:117 Resp: 724057

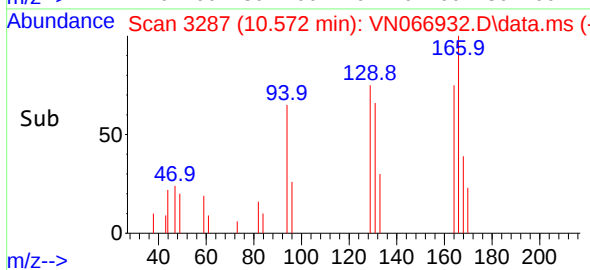
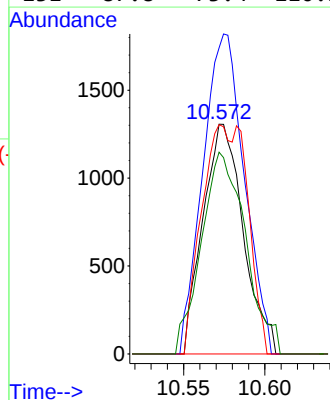
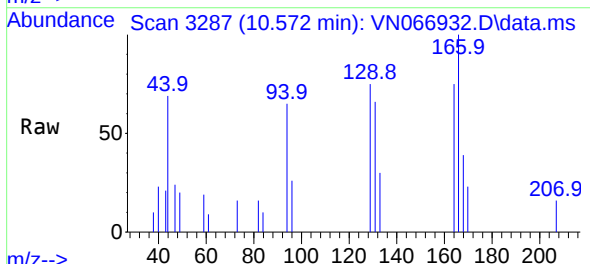
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 61.7  | 43.7  | 65.5  |
| 119 | 32.0  | 26.1  | 39.1  |

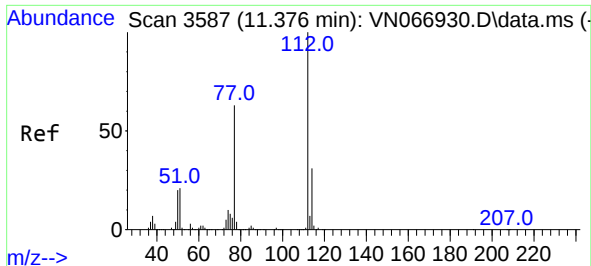


#64  
Tetrachloroethene  
Concen: 0.46 ug/l  
RT: 10.572 min Scan# 3287  
Delta R.T. -0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:164 Resp: 2253

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 133.2 | 102.6 | 154.0 |
| 129 | 99.8  | 76.2  | 114.4 |
| 131 | 87.8  | 73.4  | 110.2 |

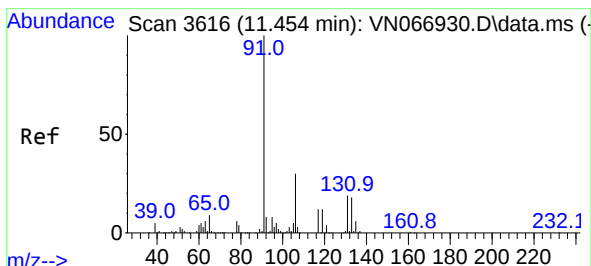
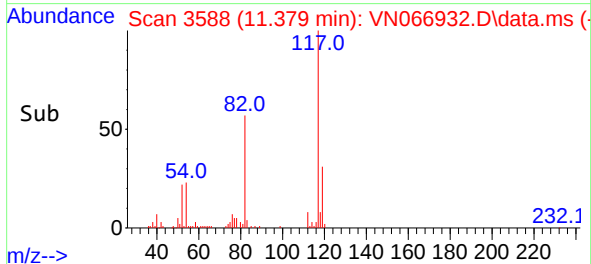
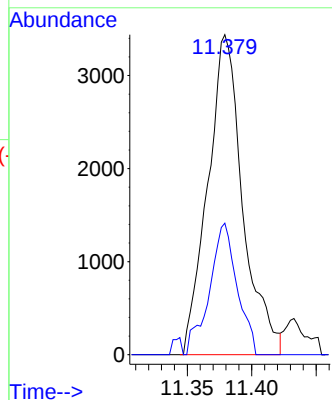
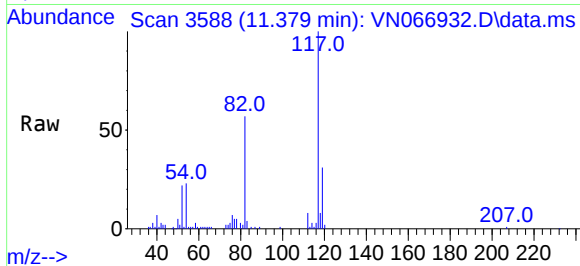




#65  
Chlorobenzene  
Concen: 0.42 ug/l  
RT: 11.379 min Scan# 3588  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

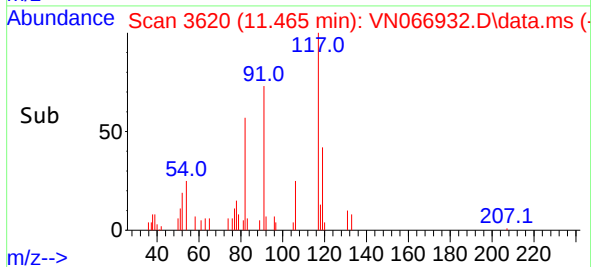
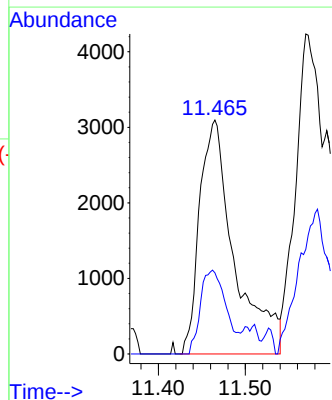
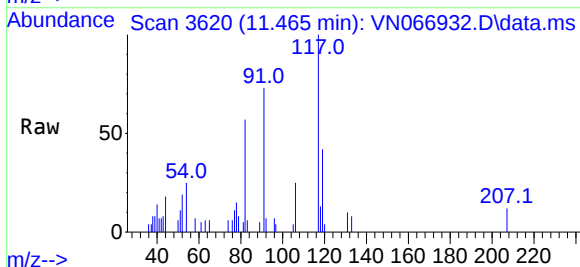
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

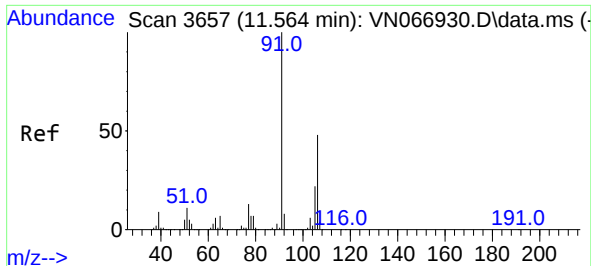
Tgt Ion:112 Resp: 6504  
Ion Ratio Lower Upper  
112 100  
114 41.1 26.1 39.1#



#67  
Ethyl Benzene  
Concen: 0.32 ug/l  
RT: 11.465 min Scan# 3620  
Delta R.T. 0.011 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 91 Resp: 8609  
Ion Ratio Lower Upper  
91 100  
106 34.6 25.5 38.3

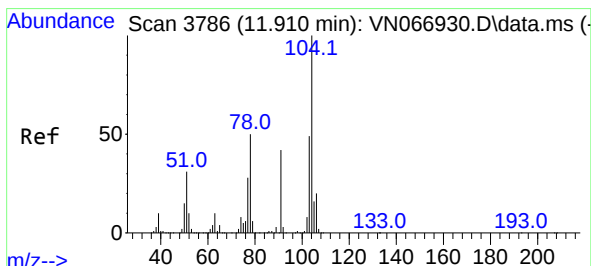
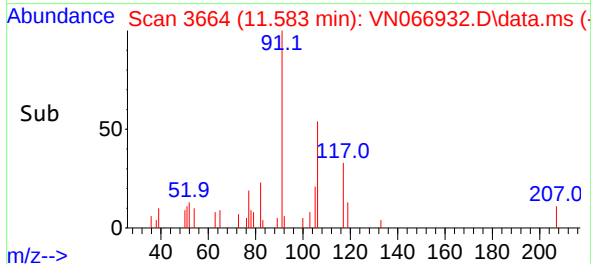
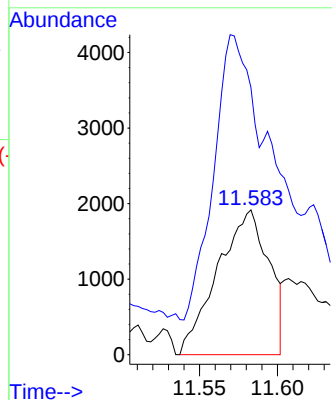
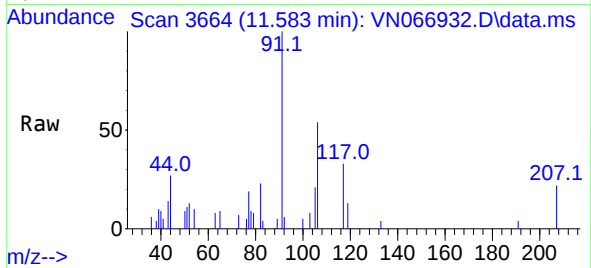




#68  
m/p-Xylenes  
Concen: 0.43 ug/l  
RT: 11.583 min Scan# 3664  
Delta R.T. 0.019 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

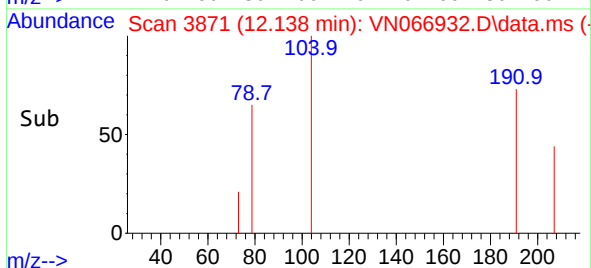
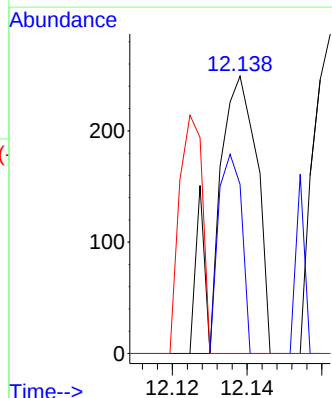
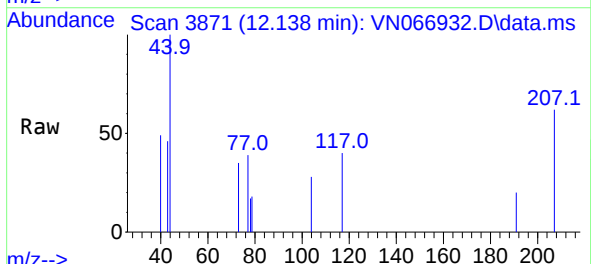
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

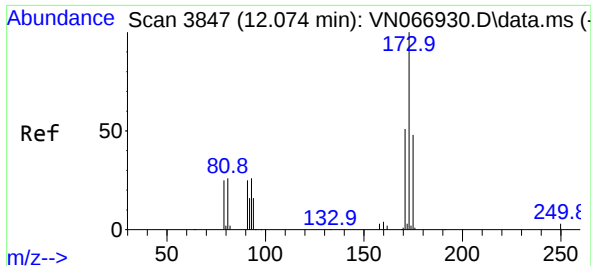
Tgt Ion:106 Resp: 4390  
Ion Ratio Lower Upper  
106 100  
91 221.5 161.4 242.0



#70  
Styrene  
Concen: 4.72 ug/l  
RT: 12.138 min Scan# 3871  
Delta R.T. 0.228 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:104 Resp: 187  
Ion Ratio Lower Upper  
104 100  
78 41.2 39.0 58.4  
103 48.7 44.5 66.7

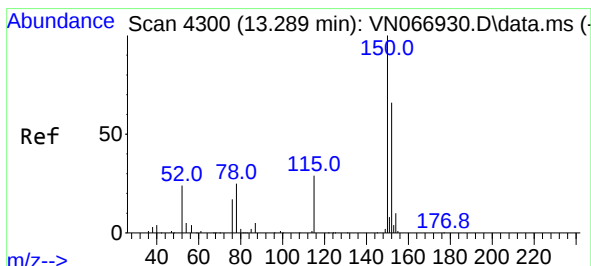
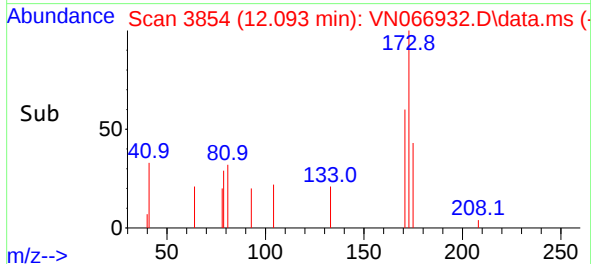
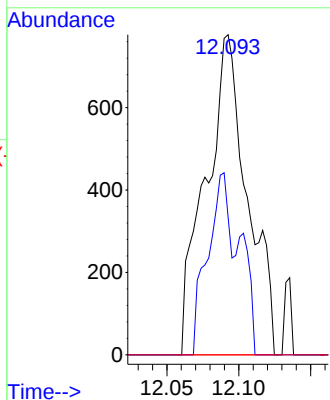
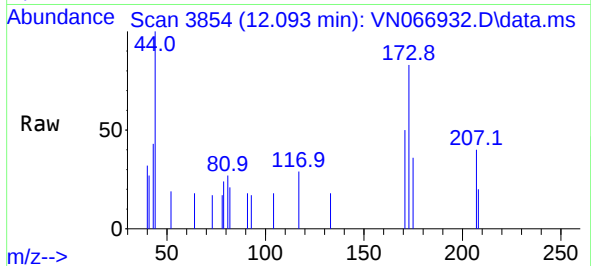




#71  
Bromoform  
Concen: 0.36 ug/l  
RT: 12.093 min Scan# 3854  
Delta R.T. 0.019 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

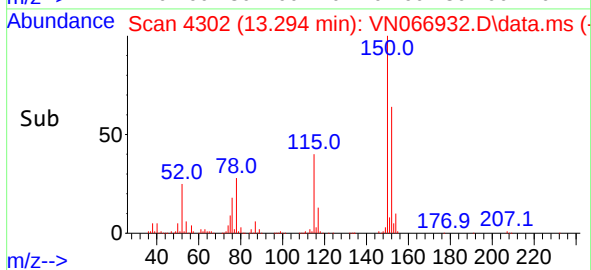
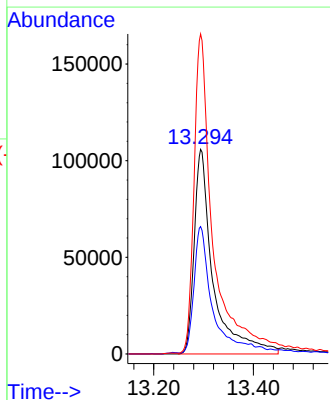
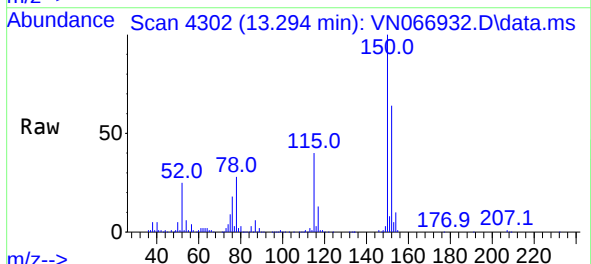
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

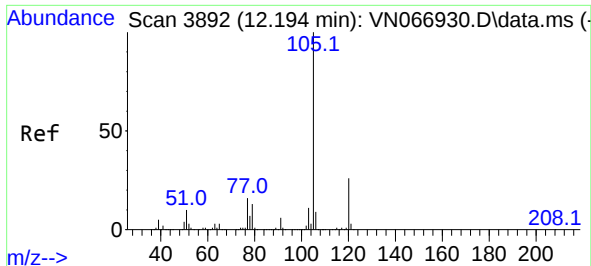
Tgt Ion:173 Resp: 1565  
Ion Ratio Lower Upper  
173 100  
175 32.7 23.8 71.2  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.294 min Scan# 4302  
Delta R.T. 0.005 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:152 Resp: 280783  
Ion Ratio Lower Upper  
152 100  
115 57.3 28.5 85.6  
150 151.0 0.0 347.6

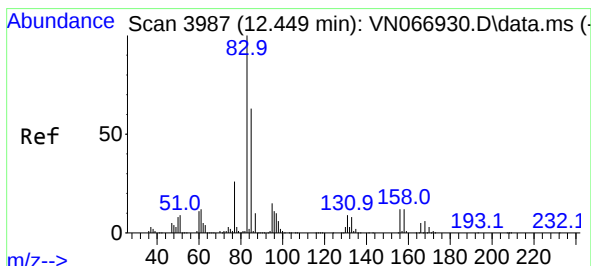
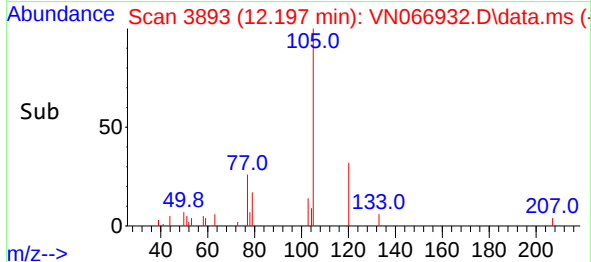
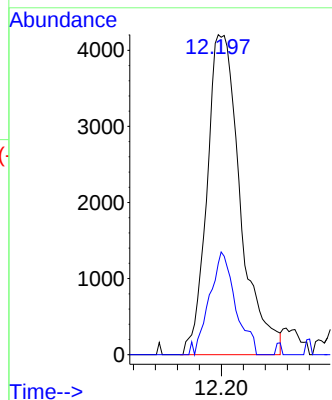
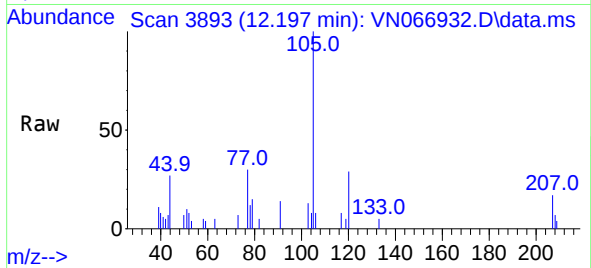




#73  
Isopropylbenzene  
Concen: 0.41 ug/l  
RT: 12.197 min Scan# 3893  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

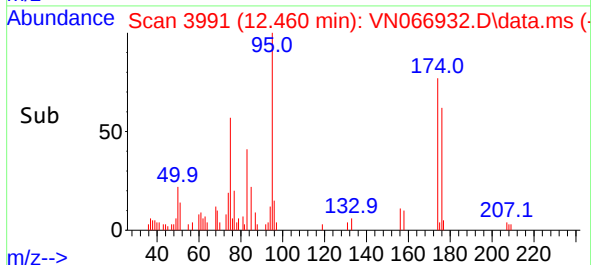
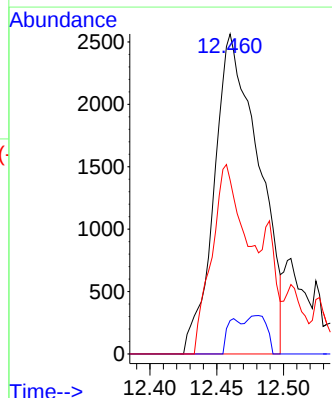
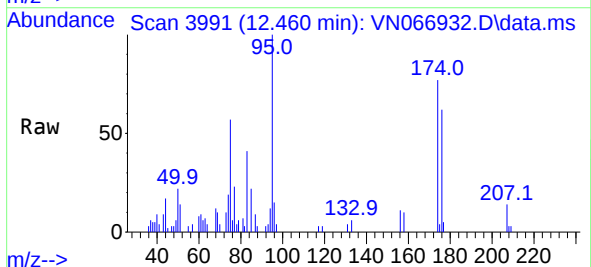
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

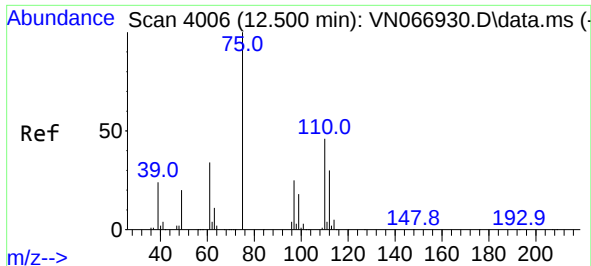
Tgt Ion:105 Resp: 8859  
Ion Ratio Lower Upper  
105 100  
120 24.9 13.3 39.9



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.78 ug/l  
RT: 12.460 min Scan# 3991  
Delta R.T. 0.011 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 83 Resp: 5947  
Ion Ratio Lower Upper  
83 100  
131 3.4 5.3 15.8#  
85 46.3 32.0 96.0

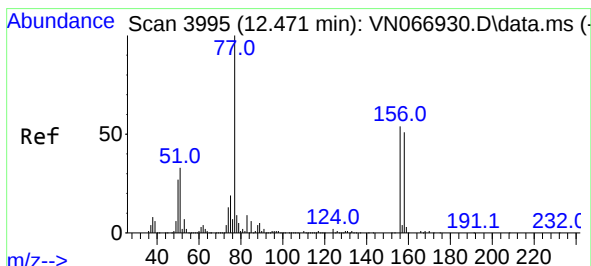
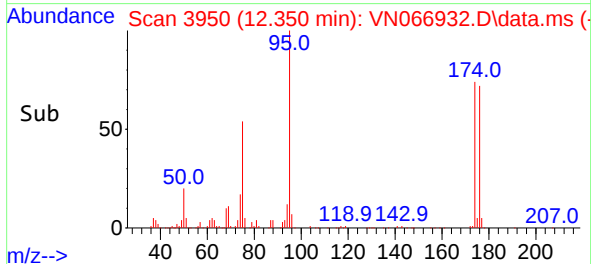
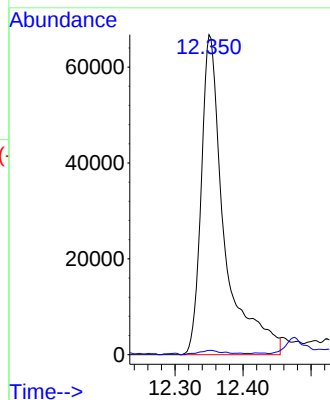
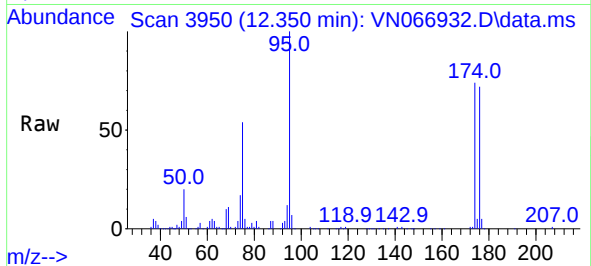




#76  
1,2,3-Trichloropropane  
Concen: 23.64 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. -0.150 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

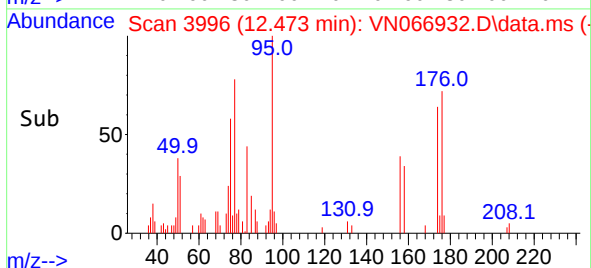
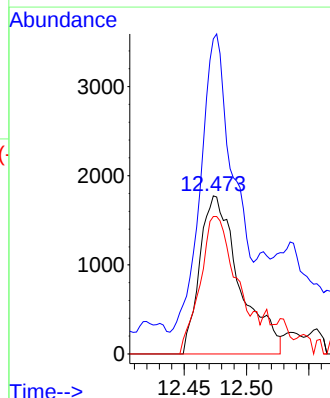
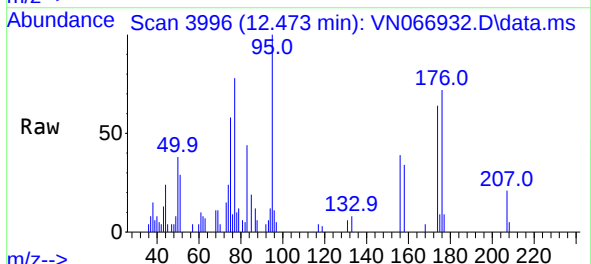
Instrument :  
MSVOA\_N  
ClientSampleId :  
IBLK

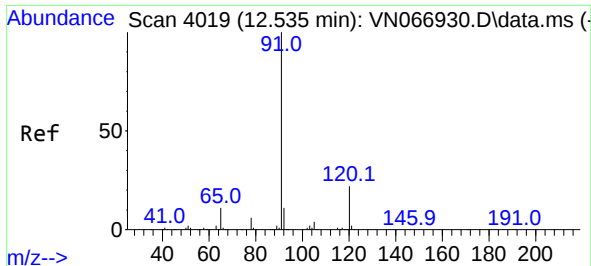
Tgt Ion: 75 Resp: 158110  
Ion Ratio Lower Upper  
75 100  
77 1.1 0.0 0.0#



#77  
Bromobenzene  
Concen: 0.77 ug/l  
RT: 12.473 min Scan# 3996  
Delta R.T. 0.002 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 156 Resp: 3950  
Ion Ratio Lower Upper  
156 100  
77 157.2 96.3 288.8  
158 81.1 49.0 147.0

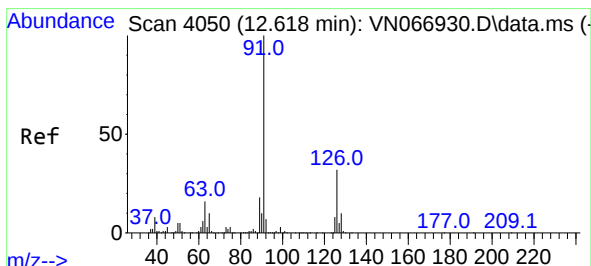
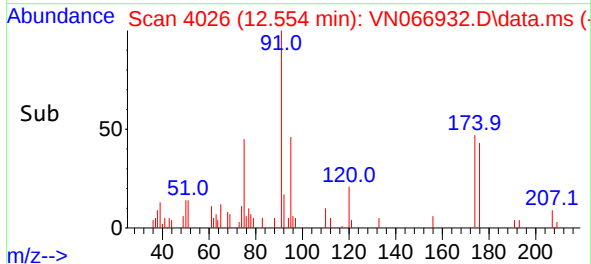
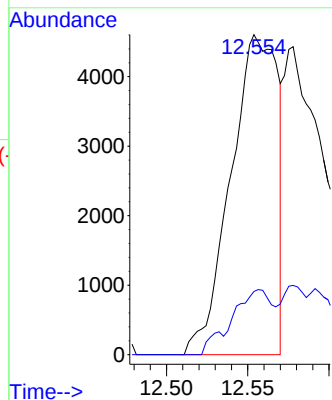
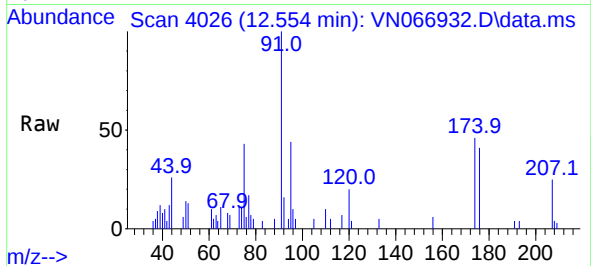




#78  
n-propylbenzene  
Concen: 0.37 ug/l  
RT: 12.554 min Scan# 4026  
Delta R.T. 0.019 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

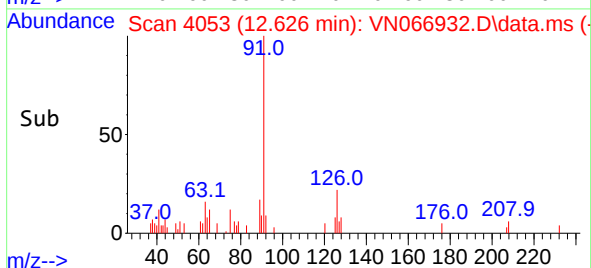
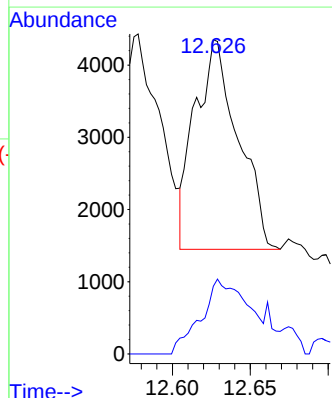
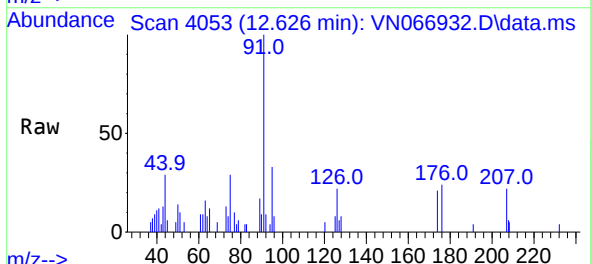
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

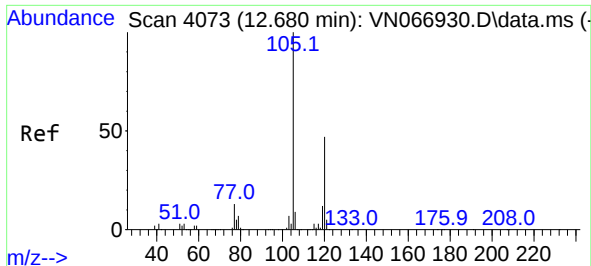
Tgt Ion: 91 Resp: 9201  
Ion Ratio Lower Upper  
91 100  
120 17.9 11.8 35.3



#79  
2-Chlorotoluene  
Concen: 0.35 ug/l  
RT: 12.626 min Scan# 4053  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 91 Resp: 5587  
Ion Ratio Lower Upper  
91 100  
126 38.8 17.4 52.3

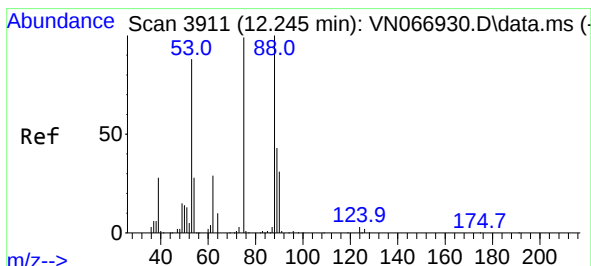
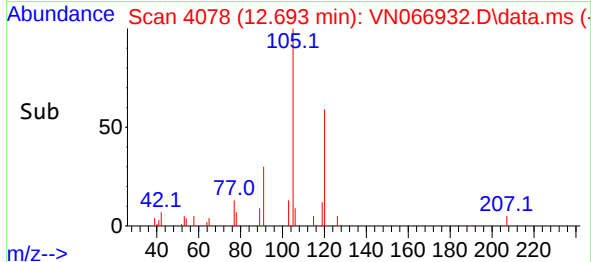
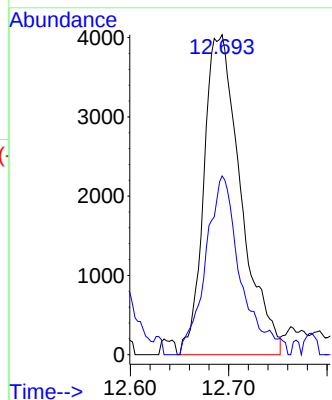
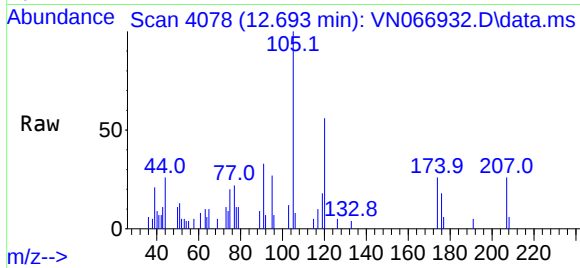




#80  
1,3,5-Trimethylbenzene  
Concen: 0.56 ug/l  
RT: 12.693 min Scan# 4078  
Delta R.T. 0.013 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

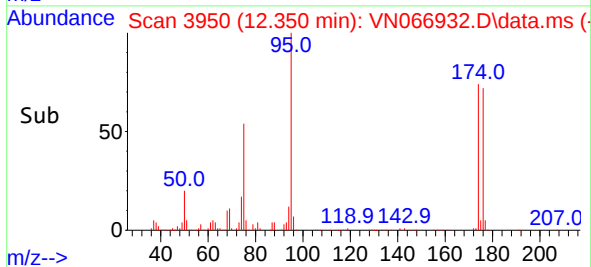
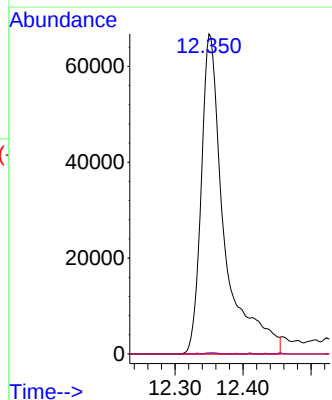
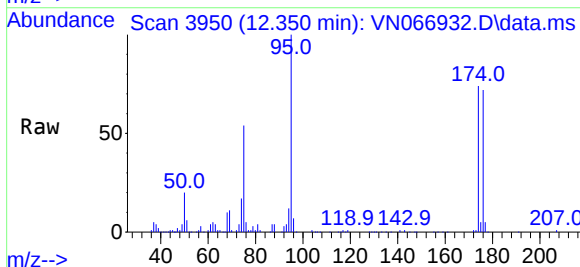
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

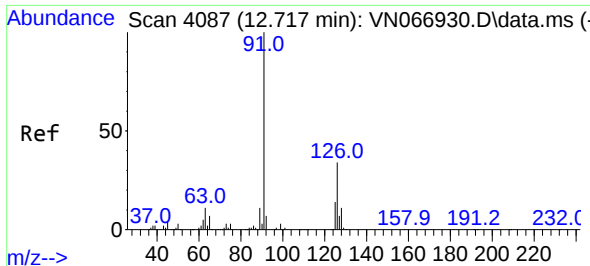
Tgt Ion:105 Resp: 10562  
Ion Ratio Lower Upper  
105 100  
120 50.0 24.3 72.8



#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.43 ug/l  
RT: 12.350 min Scan# 3950  
Delta R.T. 0.105 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 75 Resp: 158110  
Ion Ratio Lower Upper  
75 100  
53 0.2 74.6 111.8#  
89 0.0 35.8 53.8#

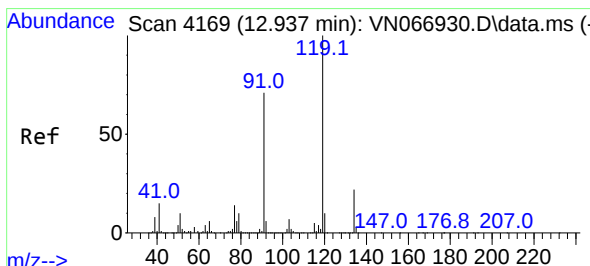
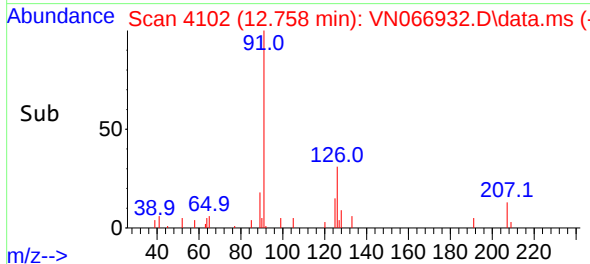
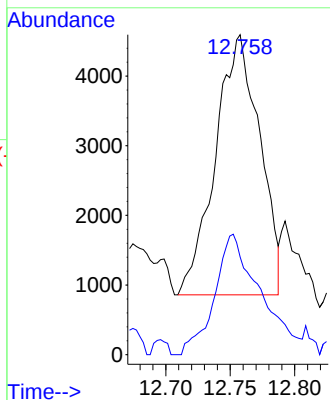
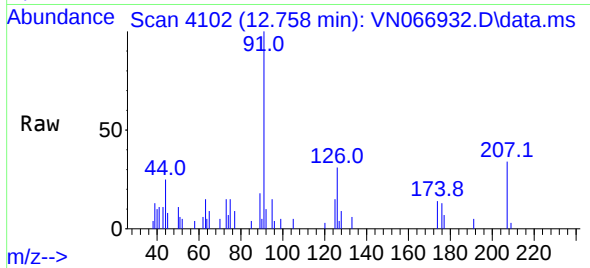




#82  
4-Chlorotoluene  
Concen: 0.57 ug/l  
RT: 12.758 min Scan# 4102  
Delta R.T. 0.041 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

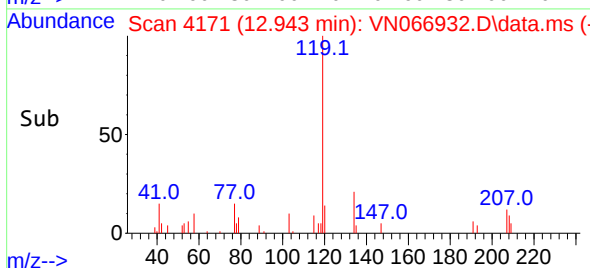
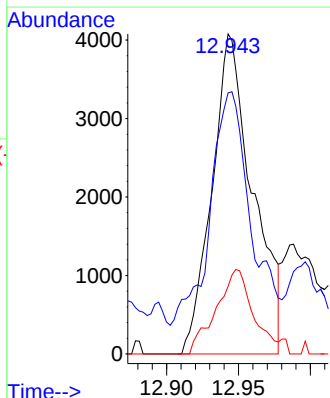
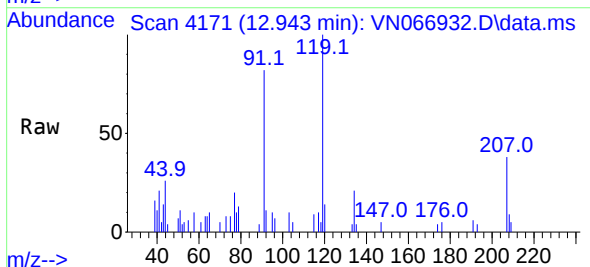
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

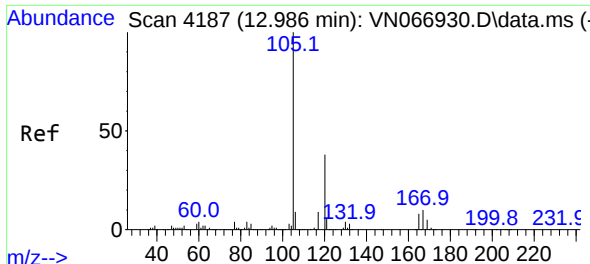
Tgt Ion: 91 Resp: 8941  
Ion Ratio Lower Upper  
91 100  
126 47.5 17.2 51.6



#83  
tert-Butylbenzene  
Concen: 0.51 ug/l  
RT: 12.943 min Scan# 4171  
Delta R.T. 0.006 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 119 Resp: 8057  
Ion Ratio Lower Upper  
119 100  
91 63.5 33.0 98.9  
134 24.8 12.7 38.1

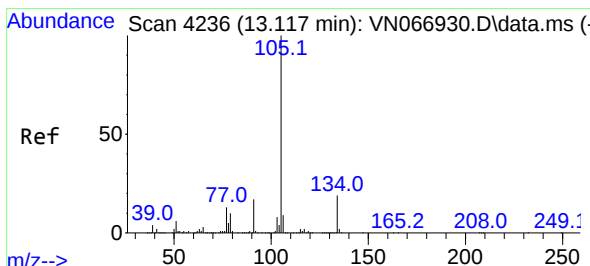
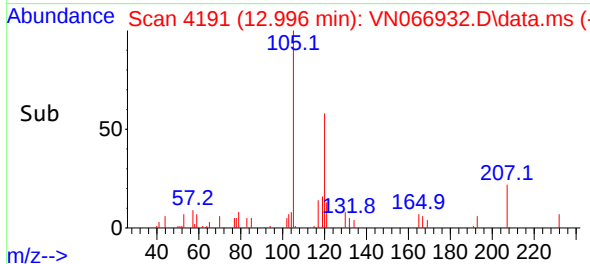
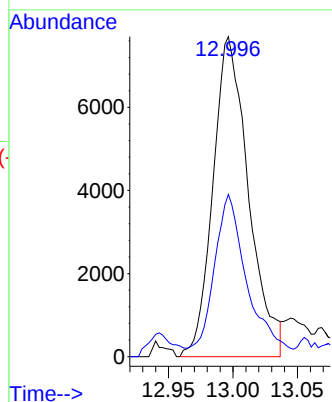
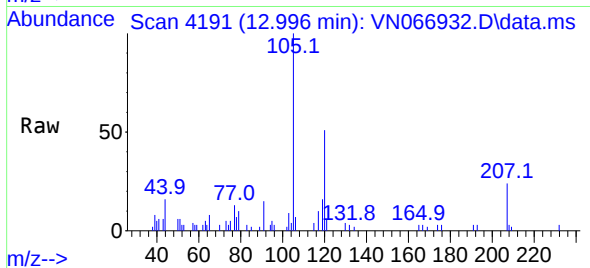




#84  
1,2,4-Trimethylbenzene  
Concen: 0.81 ug/l  
RT: 12.996 min Scan# 4191  
Delta R.T. 0.010 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

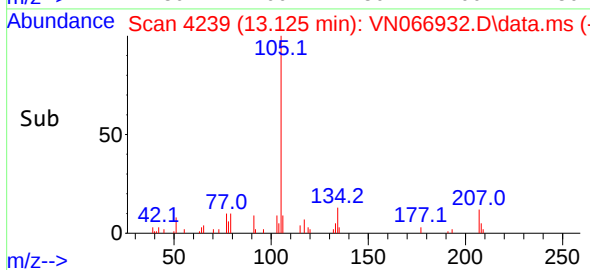
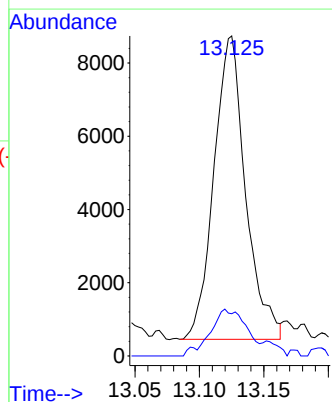
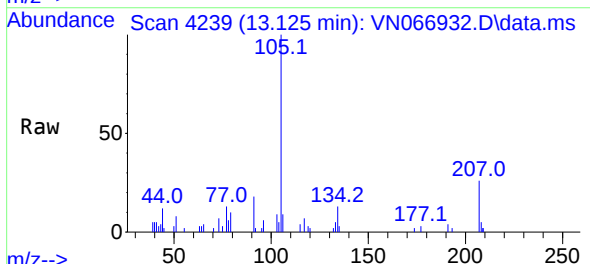
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

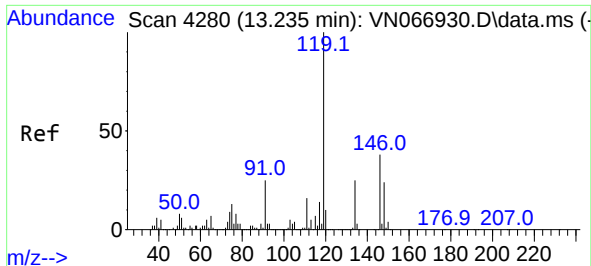
Tgt Ion:105 Resp: 14742  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.4 67.0



#85  
sec-Butylbenzene  
Concen: 0.68 ug/l  
RT: 13.125 min Scan# 4239  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:105 Resp: 14179  
Ion Ratio Lower Upper  
105 100  
134 17.5 10.0 30.0



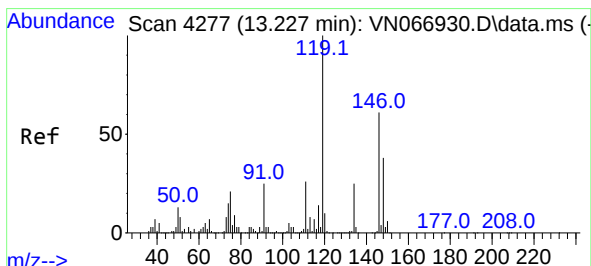
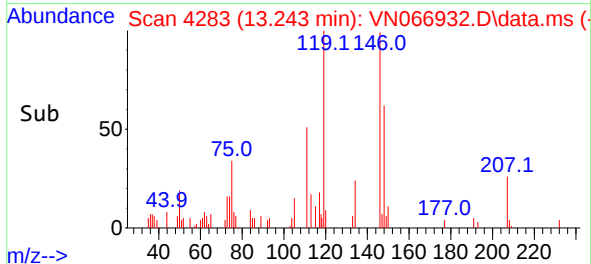
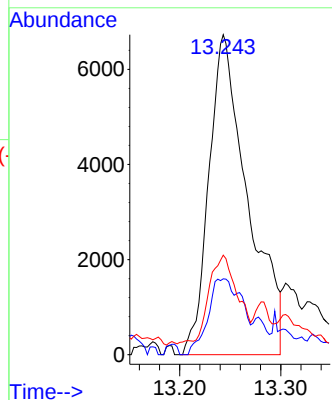
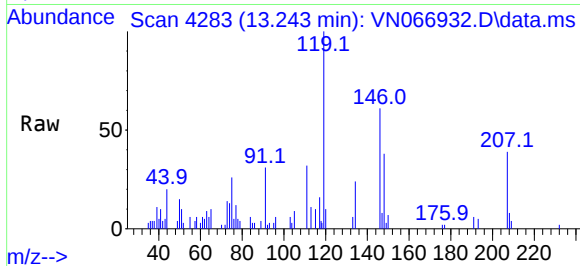


#86  
p-Isopropyltoluene  
Concen: 1.01 ug/l  
RT: 13.243 min Scan# 4283  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

Tgt Ion:119 Resp: 18005

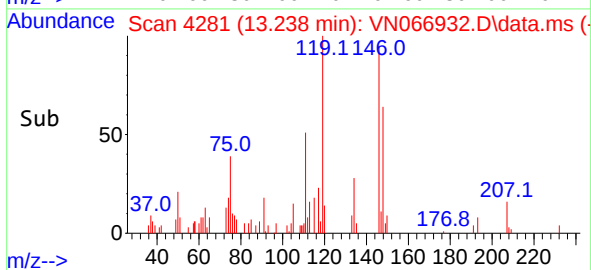
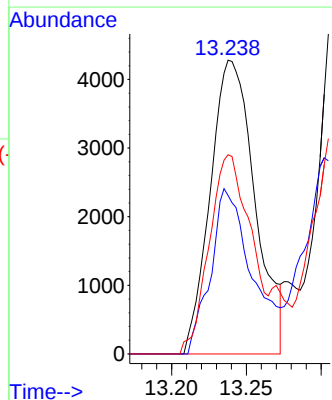
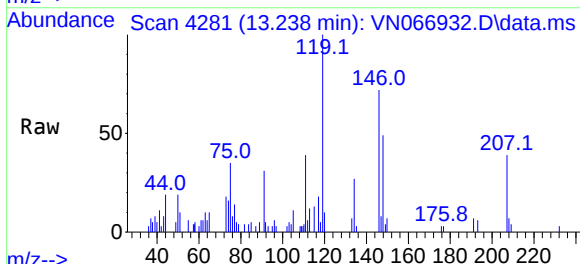
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 20.6  | 13.3  | 39.8  |
| 91  | 19.3  | 11.8  | 35.3  |

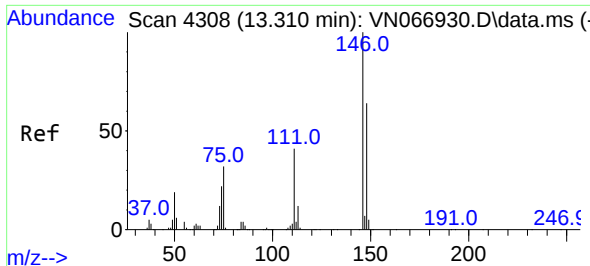


#87  
1,3-Dichlorobenzene  
Concen: 1.00 ug/l  
RT: 13.238 min Scan# 4281  
Delta R.T. 0.011 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:146 Resp: 8903

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 52.1  | 19.5  | 58.5  |
| 148 | 63.5  | 32.3  | 96.9  |

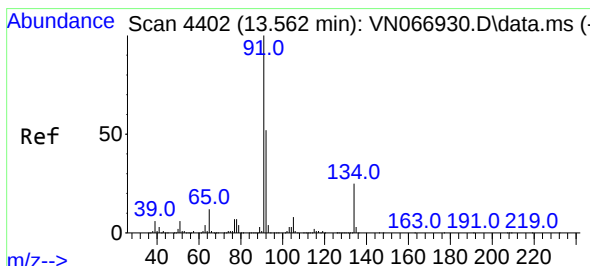
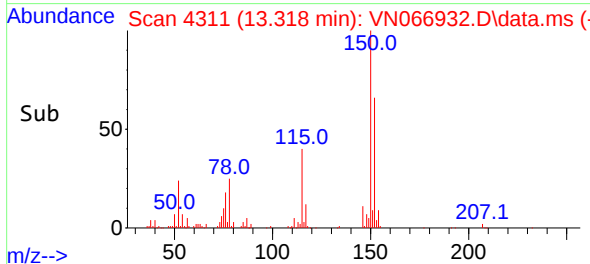
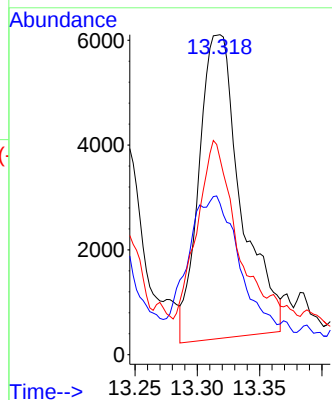
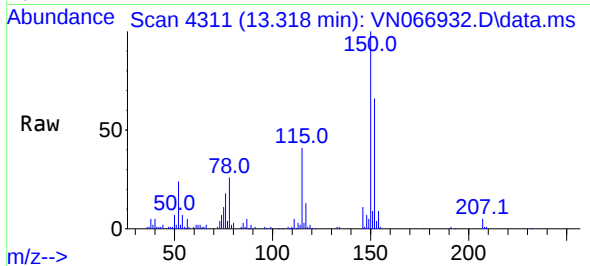




#88  
1,4-Dichlorobenzene  
Concen: 1.52 ug/l  
RT: 13.318 min Scan# 4311  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

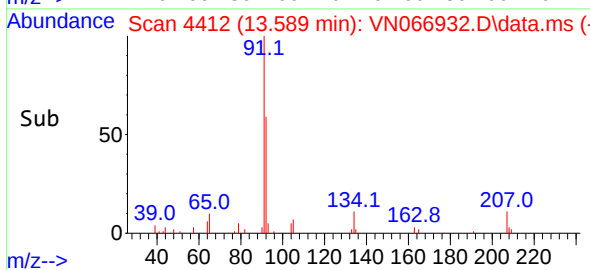
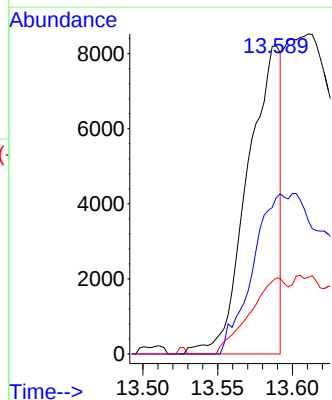
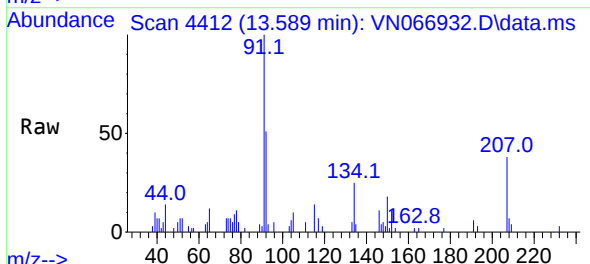
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

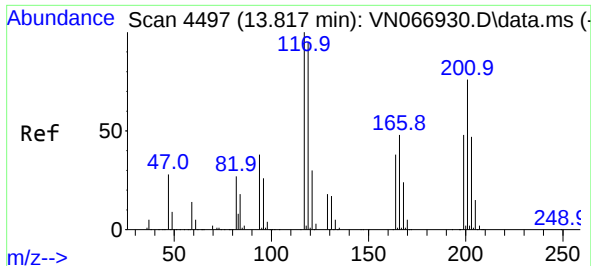
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 13592 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 53.9  | 19.0  | 57.0  |
| 148      | 52.1  | 31.8  | 95.3  |



#89  
n-Butylbenzene  
Concen: 5.95 ug/l  
RT: 13.589 min Scan# 4412  
Delta R.T. 0.027 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 12562 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 55.5  | 26.1  | 78.3  |
| 134      | 28.0  | 13.0  | 38.9  |

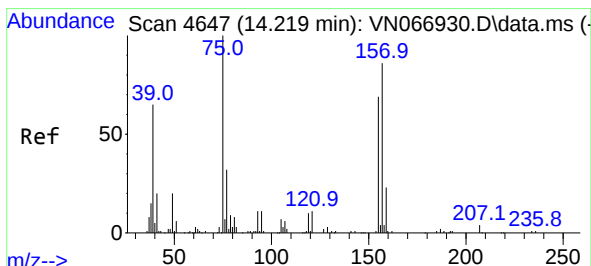
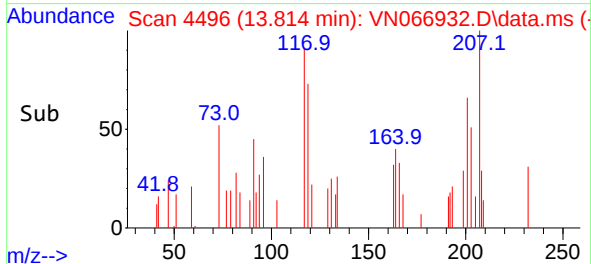
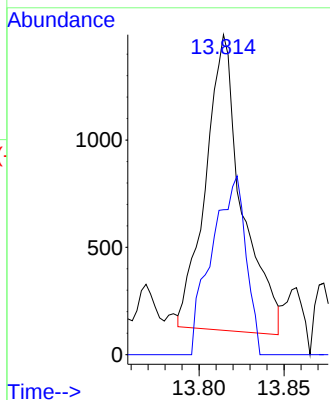
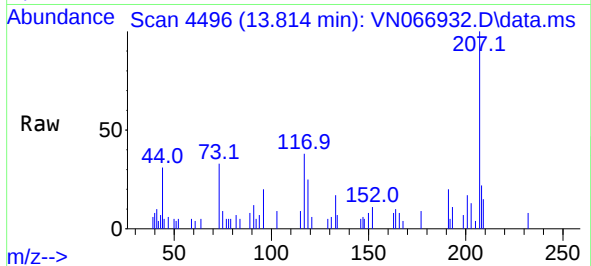




#90  
Hexachloroethane  
Concen: 0.51 ug/l  
RT: 13.814 min Scan# 4496  
Delta R.T. -0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

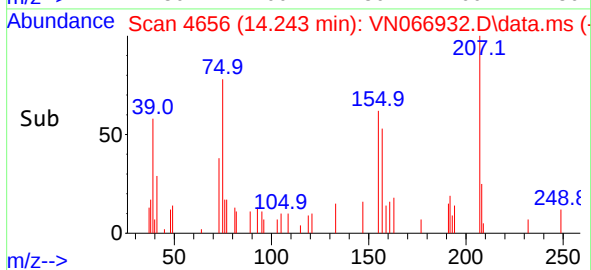
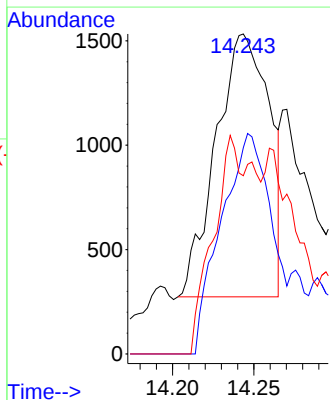
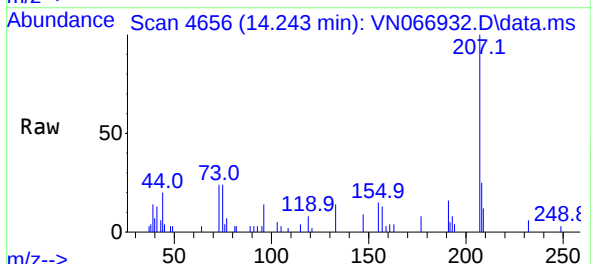
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

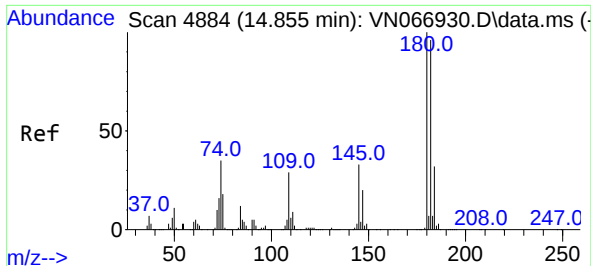
Tgt Ion:117 Resp: 2039  
Ion Ratio Lower Upper  
117 100  
201 56.8 37.8 113.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.12 ug/l  
RT: 14.243 min Scan# 4656  
Delta R.T. 0.024 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion: 75 Resp: 2870  
Ion Ratio Lower Upper  
75 100  
155 79.2 44.1 132.4  
157 45.0 56.0 168.2#

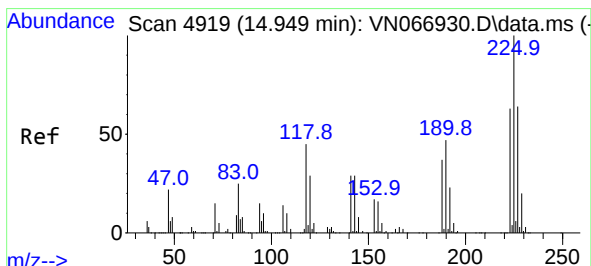
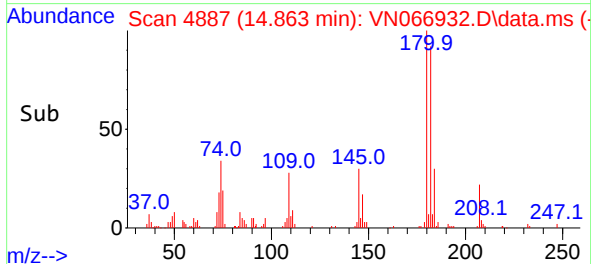
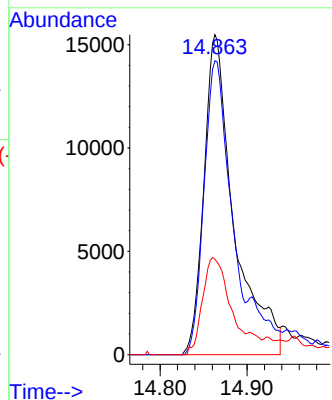
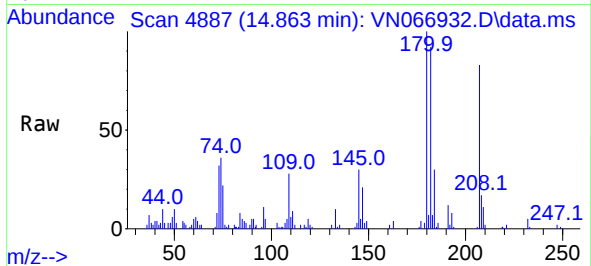




#93  
1,2,4-Trichlorobenzene  
Concen: 7.91 ug/l  
RT: 14.863 min Scan# 4887  
Delta R.T. 0.008 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

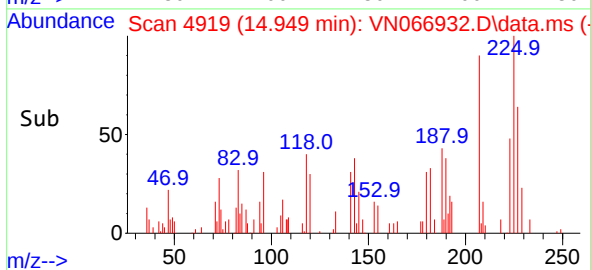
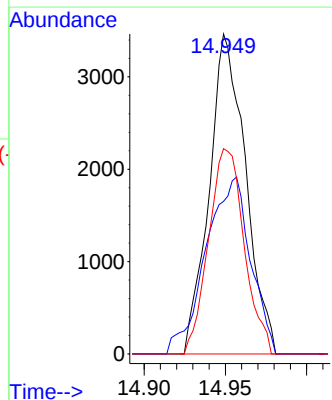
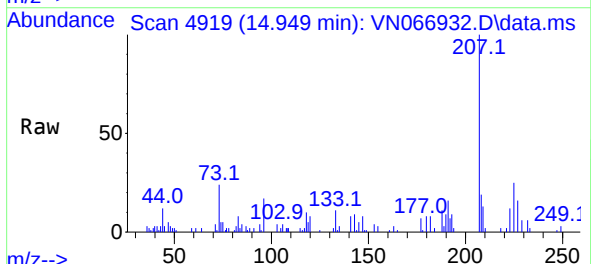
Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

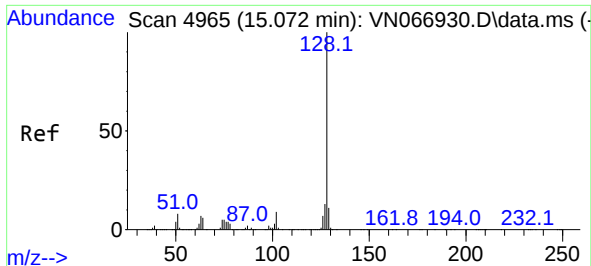
Tgt Ion:180 Resp: 37294  
Ion Ratio Lower Upper  
180 100  
182 78.4 47.3 142.0  
145 27.5 15.6 46.8



#94  
Hexachlorobutadiene  
Concen: 1.86 ug/l  
RT: 14.949 min Scan# 4919  
Delta R.T. -0.000 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:225 Resp: 5378  
Ion Ratio Lower Upper  
225 100  
223 67.9 31.9 95.9  
227 63.0 31.6 95.0

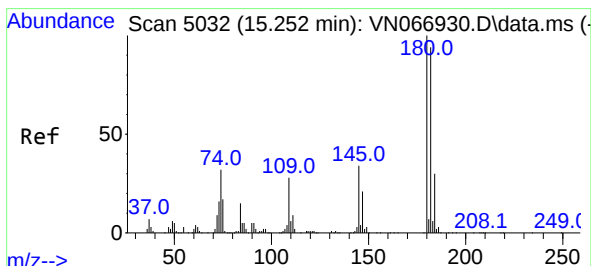
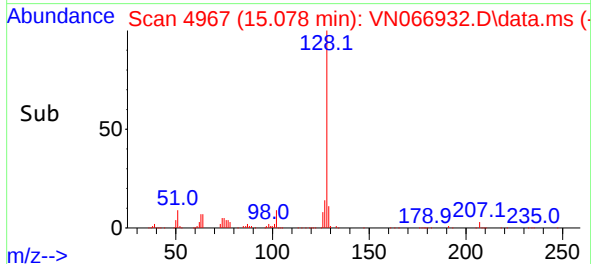
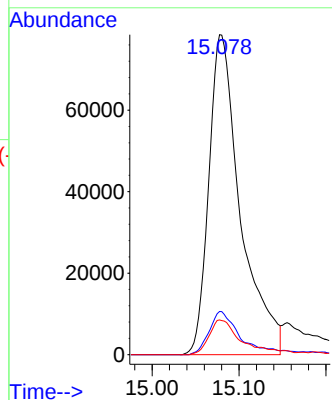
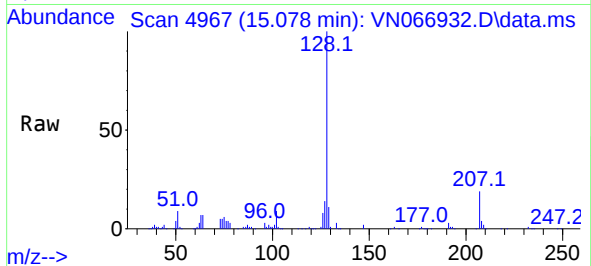




#95  
Naphthalene  
Concen: 16.08 ug/l  
RT: 15.078 min Scan# 4967  
Delta R.T. 0.006 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Instrument :  
MSVOA\_N  
ClientSampled :  
IBLK

Tgt Ion:128 Resp: 198298  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.2  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 10.28 ug/l  
RT: 15.255 min Scan# 5033  
Delta R.T. 0.003 min  
Lab File: VN066932.D  
Acq: 4 May 2021 12:41

Tgt Ion:180 Resp: 47023  
Ion Ratio Lower Upper  
180 100  
182 92.4 47.4 142.3  
145 34.3 16.5 49.5

