

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3175

Lab File ID: VV039134.D

BFB Injection Date: 09/22/2025

Instrument ID: MSVOA\_V

BFB Injection Time: 10:15

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 51.9                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.1                  |
| 173 | Less than 2.0% of mass 174         | 1.1 ( 1.6 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 73.3                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.5 ( 7.5 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 70.4 ( 96 ) 1        |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.3 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID   | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-------------|---------------|-------------|---------------|---------------|
| VSTDICC010  | VSTDICC010    | VV039137.D  | 09/22/2025    | 12:26         |
| VSTDICC020  | VSTDICC020    | VV039138.D  | 09/22/2025    | 12:48         |
| VSTDICCC050 | VSTDICCC050   | VV039139.D  | 09/22/2025    | 13:26         |
| VSTDICC100  | VSTDICC100    | VV039140.D  | 09/22/2025    | 13:49         |
| VSTDICC005  | VSTDICC005    | VV039142.D  | 09/22/2025    | 15:37         |
| VSTDICC001  | VSTDICC001    | VV039143.D  | 09/22/2025    | 16:35         |