

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: SCIA01

Lab Code: ACE

SDG NO.: Q3661

Lab File ID: VW032405.D

BFB Injection Date: 11/10/2025

Instrument ID: MSVOA\_W

BFB Injection Time: 14:20

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 18.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.7                  |
| 173 | Less than 2.0% of mass 174         | 0.0 ( 0.0 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 67.1                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.1 ( 7.6 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 66.1 ( 98.5 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 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 |
|-----------|---------------|-------------|---------------|---------------|
| VSTDIC005 | VSTDIC005     | VW032406.D  | 11/10/2025    | 15:11         |
| VSTDIC010 | VSTDIC010     | VW032407.D  | 11/10/2025    | 15:33         |
| VSTDIC020 | VSTDIC020     | VW032408.D  | 11/10/2025    | 15:55         |
| VSTDIC050 | VSTDIC050     | VW032409.D  | 11/10/2025    | 16:17         |
| VSTDIC100 | VSTDIC100     | VW032410.D  | 11/10/2025    | 16:39         |
| VSTDIC150 | VSTDIC150     | VW032411.D  | 11/10/2025    | 17:00         |